

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
 Data File : BF080599.D
 Acq On : 23 Jul 2015 18:45
 Operator : TP/UM
 Sample : PB84631BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Quant Time: Jul 24 00:40:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 19:10:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	39668	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	153811	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	68581	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	117365	20.00	ng	0.00
75) Chrysene-d12	14.26	240	100046	20.00	ng	-0.05
86) Perylene-d12	15.91	264	70453	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	178550	77.74	ng	0.01
7) Phenol-d6	6.56	99	229992	81.92	ng	0.00
23) Nitrobenzene-d5	7.50	82	218882	80.63	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	42101	77.47	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	372399	78.79	ng	0.00
78) Terphenyl-d14	13.09	244	324505	67.87	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.51	88	32818	29.99	ng	# 100
3) Pyridine	3.29	79	79022	27.18	ng	93
4) n-Nitrosodimethylamine	3.20	42	64407	35.05	ng	# 98
6) Aniline	6.60	93	47160	11.49	ng	98
8) 2-Chlorophenol	6.73	128	93300	37.82	ng	97
9) Benzaldehyde	6.49	77	29106	14.02	ng	96
10) Phenol	6.57	94	128487	38.25	ng	94
11) bis(2-Chloroethyl)ether	6.67	93	88428	37.91	ng	96
12) 1,3-Dichlorobenzene	6.89	146	110685	35.39	ng	99
13) 1,4-Dichlorobenzene	6.97	146	107897	35.15	ng	99
14) 1,2-Dichlorobenzene	7.12	146	105970	37.24	ng	98
15) Benzyl Alcohol	7.08	79	94845	38.33	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.23	45	180744	38.23	ng	98
17) 2-Methylphenol	7.18	107	72087	37.08	ng	94
18) Hexachloroethane	7.47	117	38418	36.19	ng	99
19) n-Nitroso-di-n-propylamine	7.36	70	67269	35.36	ng	97
20) 3+4-Methylphenols	7.34	107	98758	36.74	ng	# 88
22) Acetophenone	7.36	105	139579	37.26	ng	100
24) Nitrobenzene	7.53	77	108927	37.54	ng	98
25) Isophorone	7.77	82	192767	38.34	ng	99
26) 2-Nitrophenol	7.85	139	37822	36.48	ng	# 90
27) 2,4-Dimethylphenol	7.88	122	84960	37.10	ng	92
28) bis(2-Chloroethoxy)methane	7.98	93	101019	36.36	ng	99
29) 2,4-Dichlorophenol	8.09	162	68911	36.79	ng	94
30) 1,2,4-Trichlorobenzene	8.18	180	88645	36.40	ng	98
31) Naphthalene	8.26	128	284787	37.01	ng	100
32) Benzoic acid	7.94	122	34808	34.88	ng	# 83
33) 4-Chloroaniline	8.30	127	25501	8.45	ng	96
34) Hexachlorobutadiene	8.38	225	53498	37.68	ng	93
35) Caprolactam	8.64	113	19381	38.43	ng	# 71
36) 4-Chloro-3-methylphenol	8.77	107	88740	39.83	ng	98
37) 2-Methylnaphthalene	8.94	142	159462	37.01	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	86602	37.34	ng	98
40) Hexachlorocyclopentadiene	9.10	237	104664	85.70	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
 Data File : BF080599.D
 Acq On : 23 Jul 2015 18:45
 Operator : TP/UM
 Sample : PB84631BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB84631BS

Quant Time: Jul 24 00:40:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 23 19:10:33 2015
 Response via : Initial Calibration

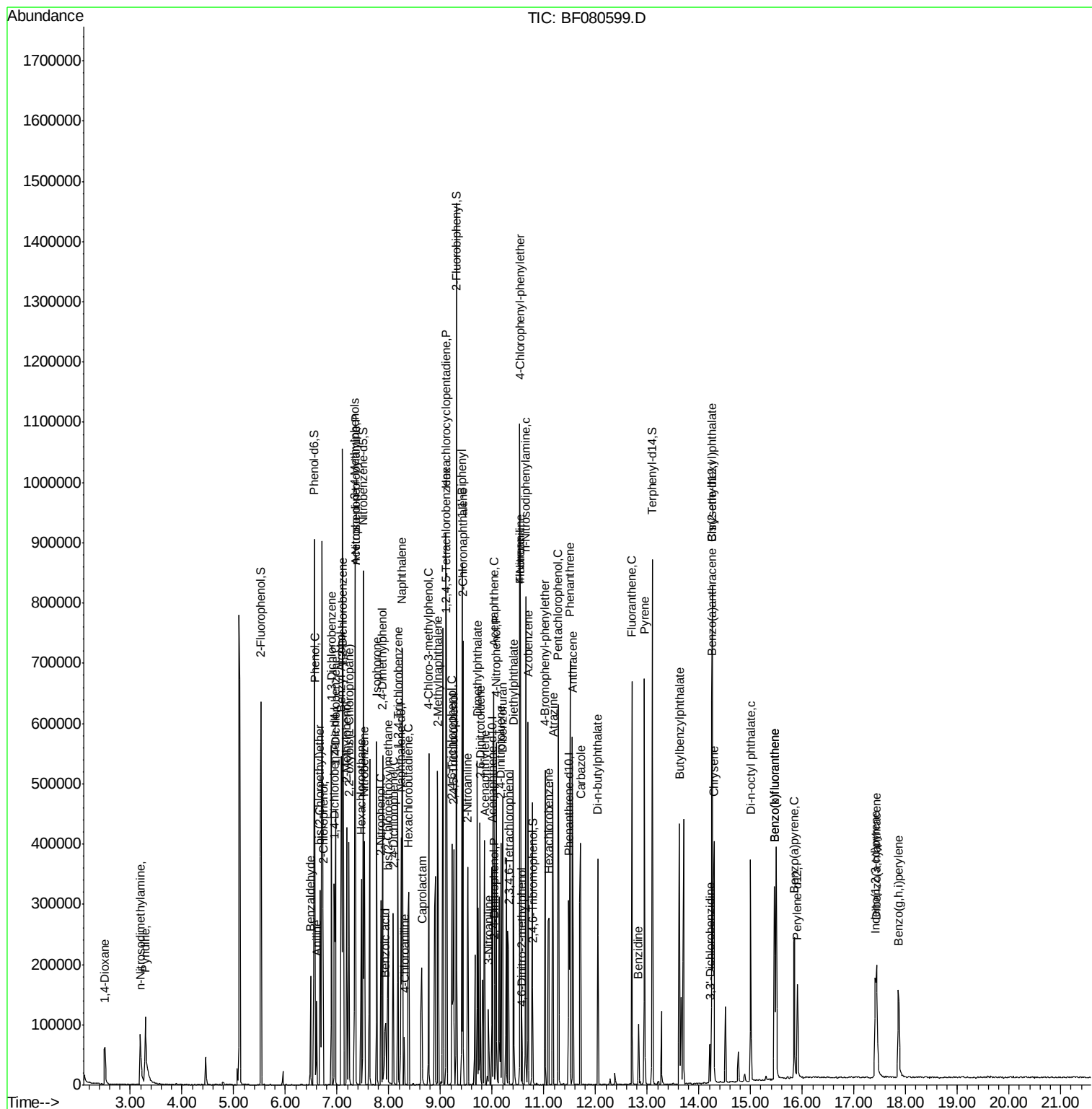
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	45477	34.96	ng	97
43) 2,4,5-Trichlorophenol	9.25	196	52439	39.94	ng	96
45) 1,1'-Biphenyl	9.41	154	219296	39.28	ng	100
46) 2-Chloronaphthalene	9.44	162	172040	38.09	ng	96
47) 2-Nitroaniline	9.53	65	50794	36.88	ng	90
48) Acenaphthylene	9.86	152	250733	37.48	ng	99
49) Dimethylphthalate	9.71	163	200810	39.80	ng	98
50) 2,6-Dinitrotoluene	9.77	165	39270	41.61	ng	99
51) Acenaphthene	10.03	154	166370	41.40	ng	96
52) 3-Nitroaniline	9.93	138	16391	15.97	ng	# 47
53) 2,4-Dinitrophenol	10.04	184	23516	71.75	ng	# 71
54) Dibenzofuran	10.20	168	221547	38.14	ng	99
55) 4-Nitrophenol	10.08	139	55224	74.48	ng	# 82
56) 2,4-Dinitrotoluene	10.17	165	50867	43.03	ng	# 92
57) Fluorene	10.54	166	176927	37.94	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	41875	40.99	ng	# 95
59) Diethylphthalate	10.41	149	178070	37.81	ng	99
60) 4-Chlorophenyl-phenylether	10.53	204	79999	38.20	ng	99
61) 4-Nitroaniline	10.54	138	30400	29.41	ng	90
62) Azobenzene	10.69	77	189852	38.49	ng	97
64) 4,6-Dinitro-2-methylphenol	10.58	198	15765	42.77	ng	# 76
65) n-Nitrosodiphenylamine	10.65	169	163122	42.36	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	48122	40.34	ng	89
67) Hexachlorobenzene	11.09	284	51507	38.24	ng	# 93
68) Atrazine	11.17	200	48754	46.08	ng	97
69) Pentachlorophenol	11.28	266	52447	83.44	ng	96
70) Phenanthrene	11.50	178	266671	40.25	ng	99
71) Anthracene	11.55	178	253949	40.93	ng	99
72) Carbazole	11.71	167	207972	38.77	ng	99
73) Di-n-butylphthalate	12.04	149	233618	37.47	ng	# 96
74) Fluoranthene	12.71	202	247928	41.82	ng	97
76) Benzidine	12.83	184	37497	12.75	ng	99
77) Pyrene	12.95	202	263701	39.29	ng	98
79) Butylbenzylphthalate	13.62	149	88822	38.07	ng	93
80) Benzo(a)anthracene	14.25	228	223093	39.55	ng	99
81) 3,3'-Dichlorobenzidine	14.21	252	19644	12.18	ng	# 84
82) Chrysene	14.29	228	208939	37.23	ng	98
83) Bis(2-ethylhexyl)phthalate	14.26	149	122823	37.43	ng	# 96
84) Di-n-octyl phthalate	15.00	149	176674	39.61	ng	96
85) Indeno(1,2,3-cd)pyrene	17.41	276	156753	36.92	ng	97
87) Benzo(b)fluoranthene	15.46	252	182312	42.54	ng	# 96
88) Benzo(k)fluoranthene	15.46	252	182312	42.75	ng	99
89) Benzo(a)pyrene	15.85	252	156492	41.17	ng	# 90
90) Dibenzo(a,h)anthracene	17.44	278	133321	37.13	ng	99
91) Benzo(g,h,i)perylene	17.86	276	134694	36.73	ng	95

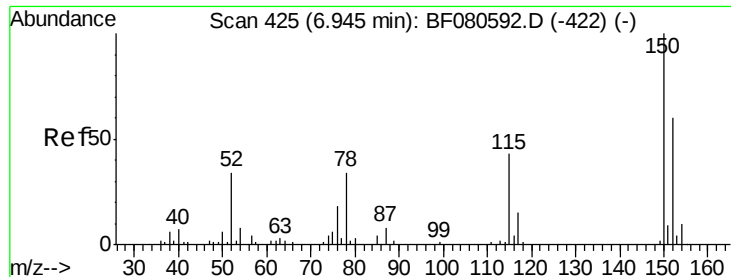
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\  
Data File : BF080599.D  
Acq On    : 23 Jul 2015   18:45  
Operator  : TP/UM  
Sample    : PB84631BS  
Misc      :  
ALS Vial  : 11      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
PB84631BS

Quant Time: Jul 24 00:40:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 23 19:10:33 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

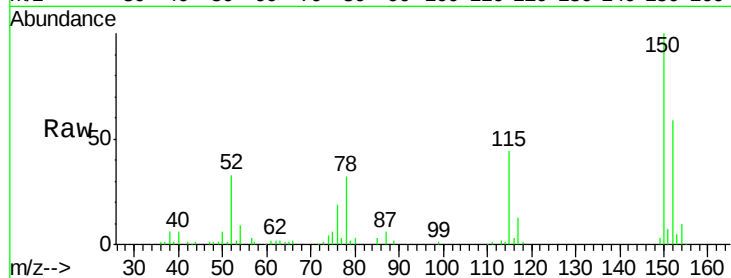
Tgt Ion:152 Resp: 39668

Ion Ratio Lower Upper

152 100

150 168.3 128.7 193.1

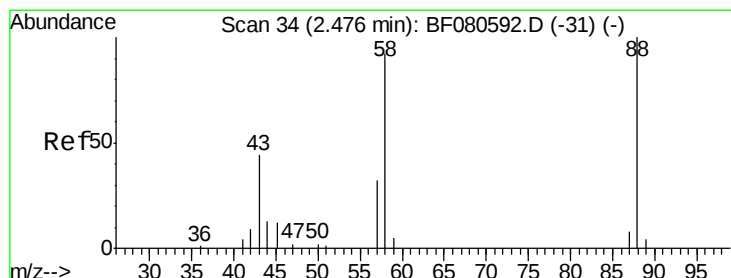
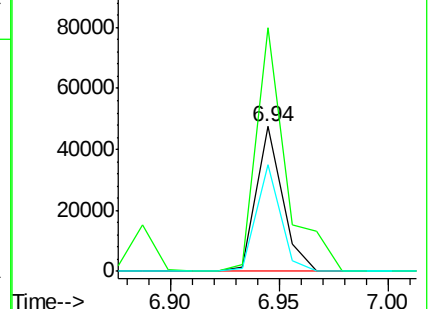
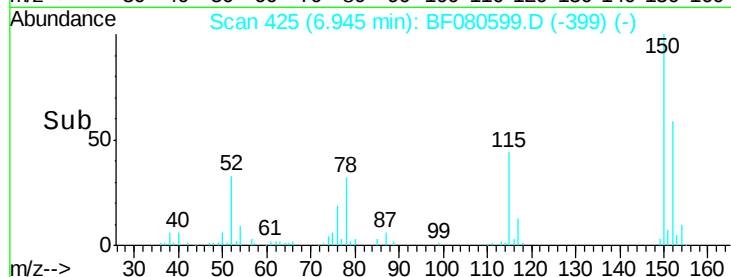
115 73.7 56.8 85.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.99 ng

RT: 2.51 min Scan# 37

Delta R.T. 0.03 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

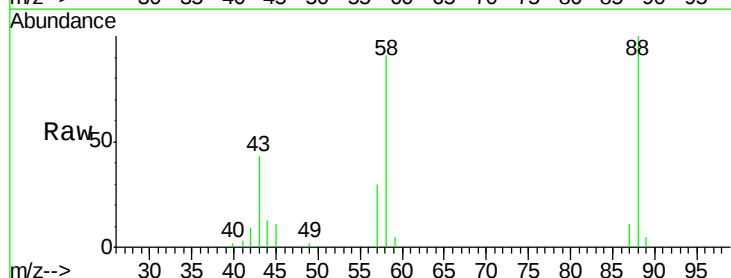
Tgt Ion: 88 Resp: 32818

Ion Ratio Lower Upper

88 100

58 97.7 0.0 0.0#

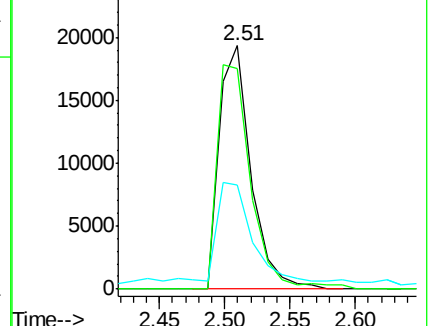
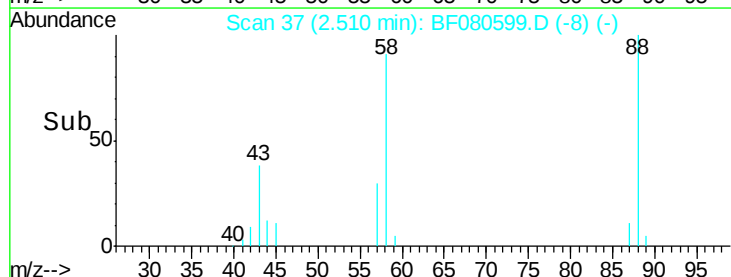
43 49.5 0.0 0.0#

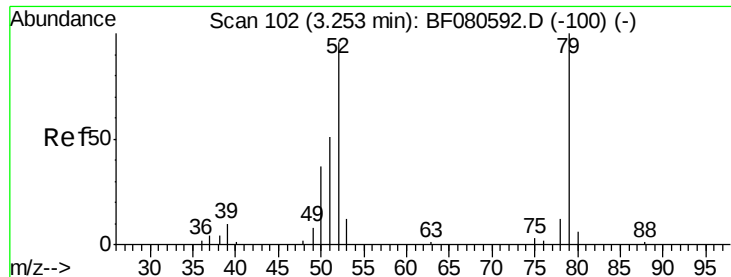


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 27.18 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.03 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

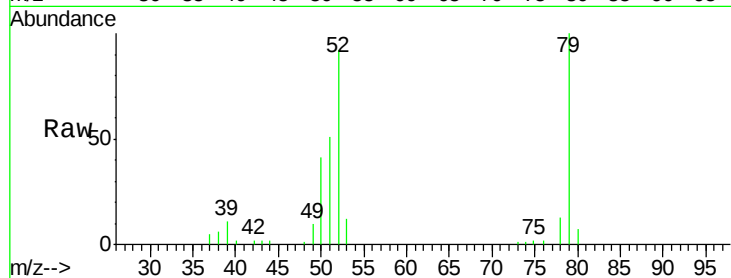
Tgt Ion: 79 Resp: 79022

Ion Ratio Lower Upper

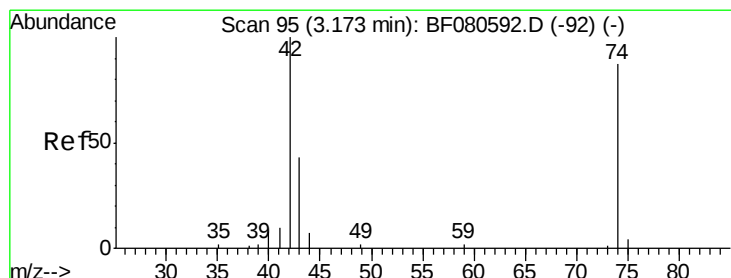
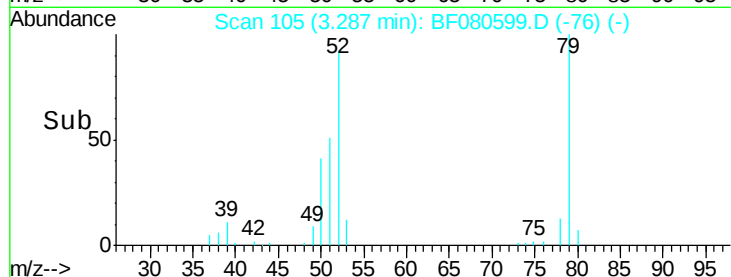
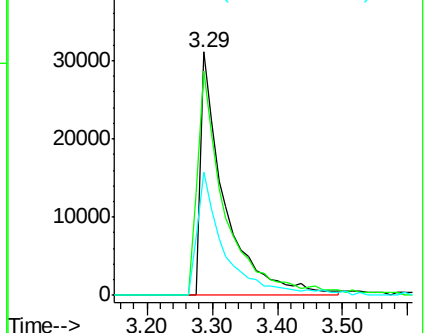
79 100

52 92.0 79.6 119.4

51 50.7 44.5 66.7



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.05 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.02 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

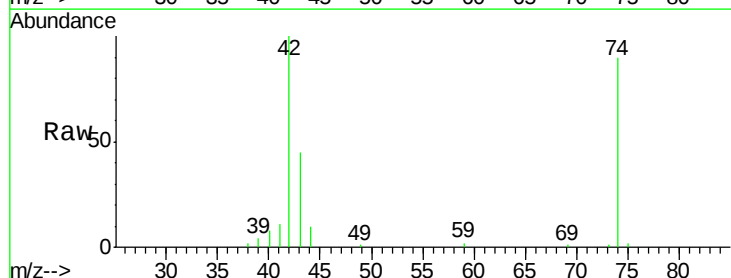
Tgt Ion: 42 Resp: 64407

Ion Ratio Lower Upper

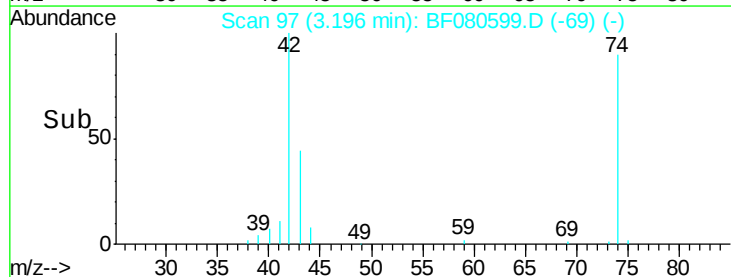
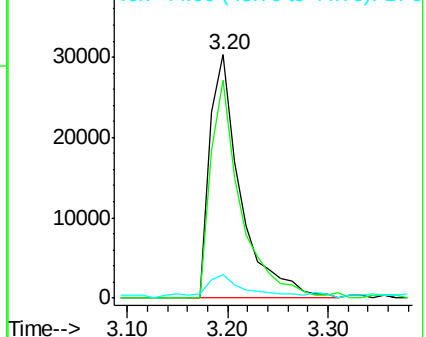
42 100

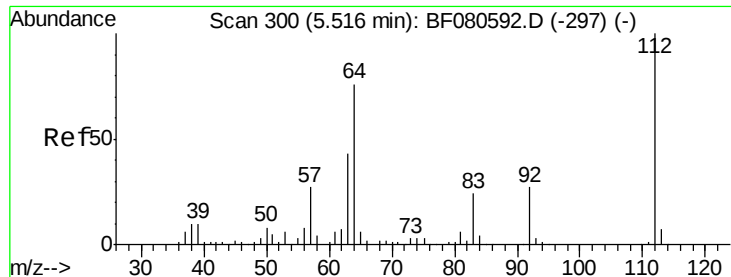
74 89.8 72.6 108.8

44 9.7 10.4 15.6#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 77.74 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.01 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

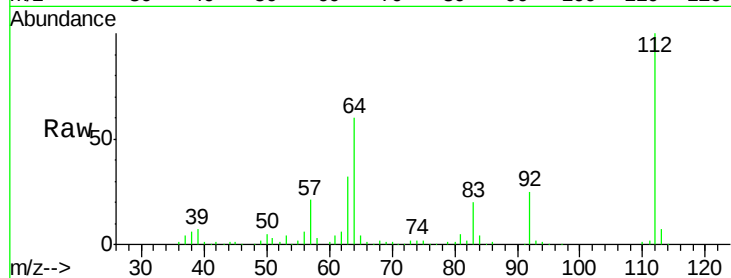
Instrument :

BNA_F

ClientSampleId :

PB84631BS

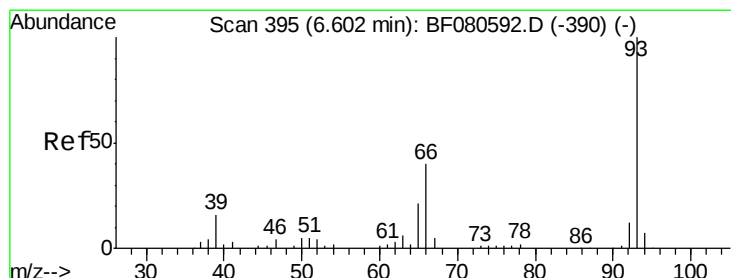
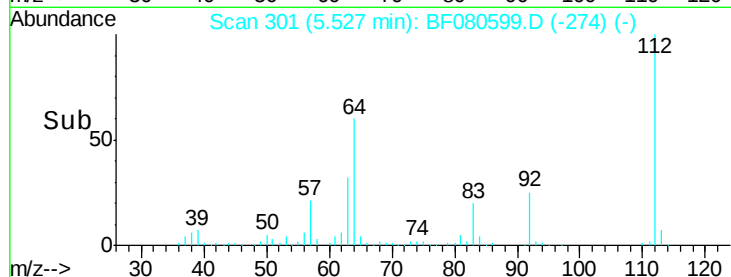
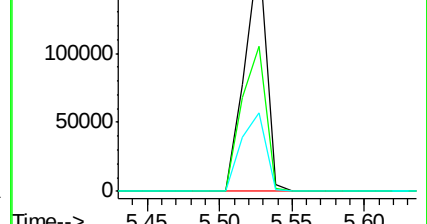
Tgt Ion:	112	Resp:	178550
Ion	Ratio	Lower	Upper
112	100		
64	59.6	60.2	90.2#
63	32.5	34.8	52.2#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 11.49 ng

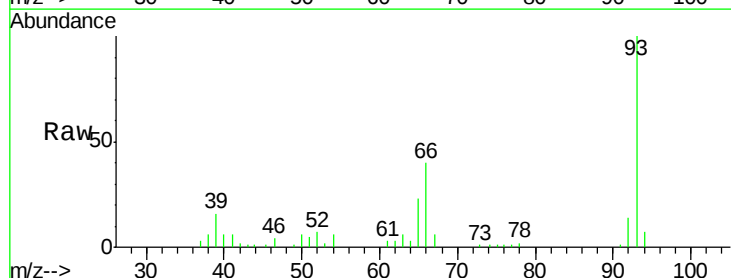
RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

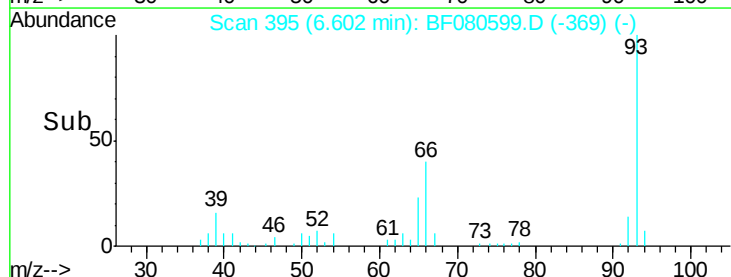
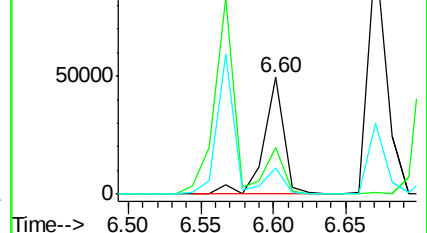
Tgt Ion:	93	Resp:	47160
Ion	Ratio	Lower	Upper
93	100		
66	40.3	33.1	49.7
65	22.5	17.2	25.8

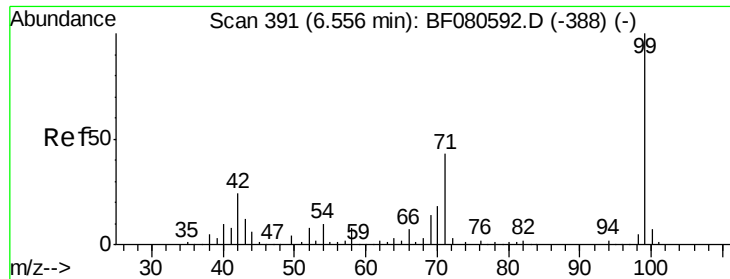


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.92 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

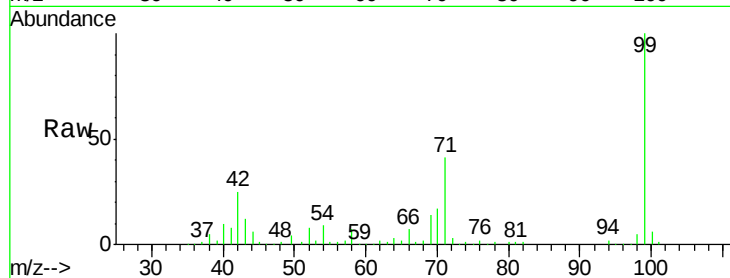
Tgt Ion: 99 Resp: 229992

Ion Ratio Lower Upper

99 100

42 25.0 17.4 26.2

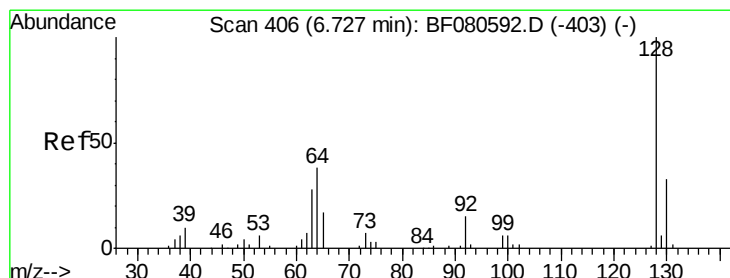
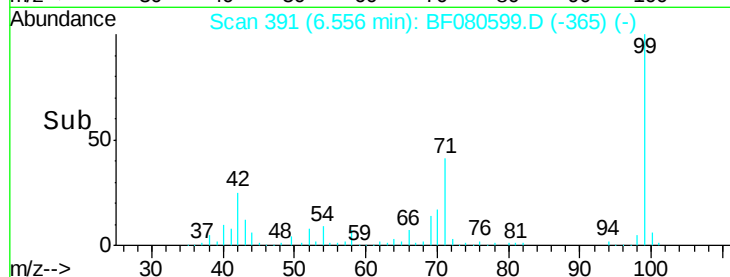
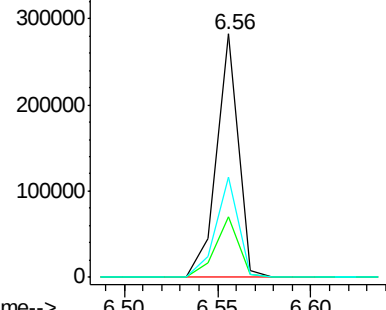
71 41.0 29.0 43.6



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.82 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

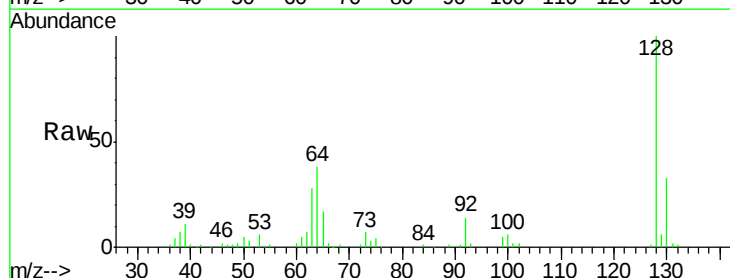
Tgt Ion: 128 Resp: 93300

Ion Ratio Lower Upper

128 100

130 33.2 11.8 51.8

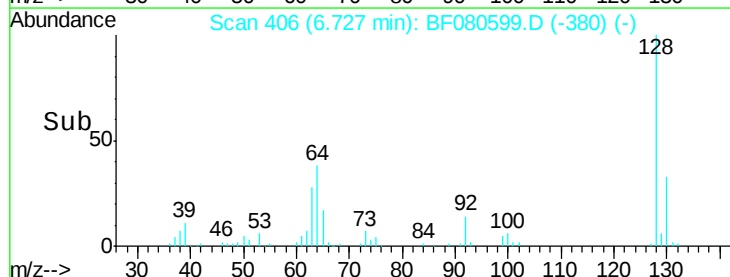
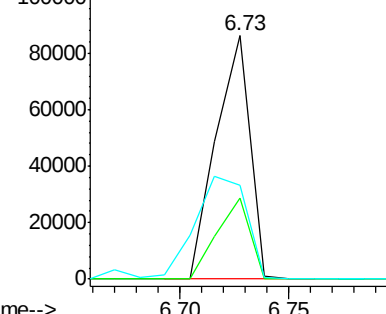
64 38.3 20.2 60.2

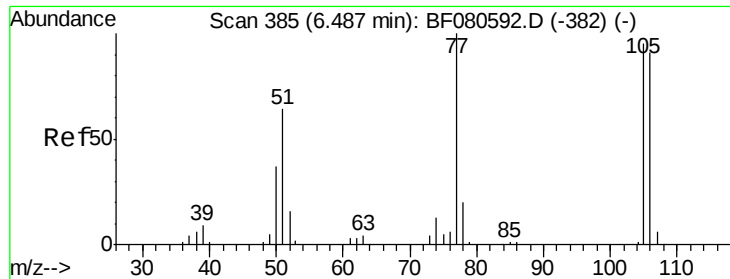


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.02 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

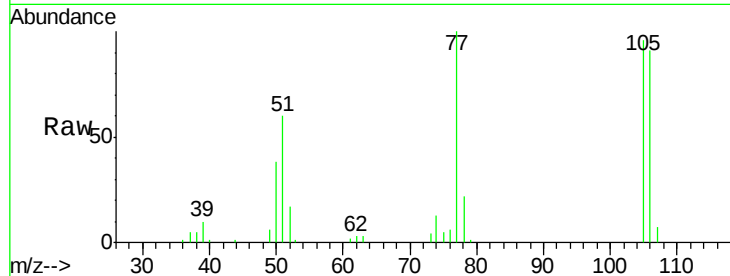
Tgt Ion: 77 Resp: 29106

Ion Ratio Lower Upper

77 100

105 96.0 72.3 112.3

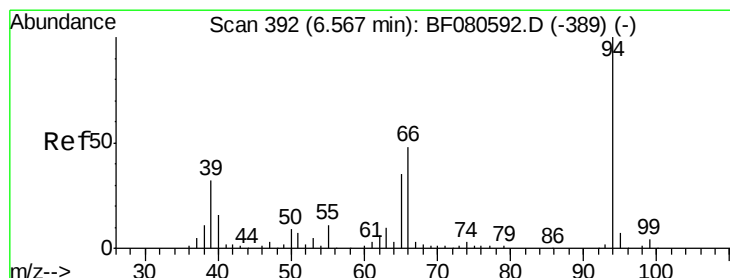
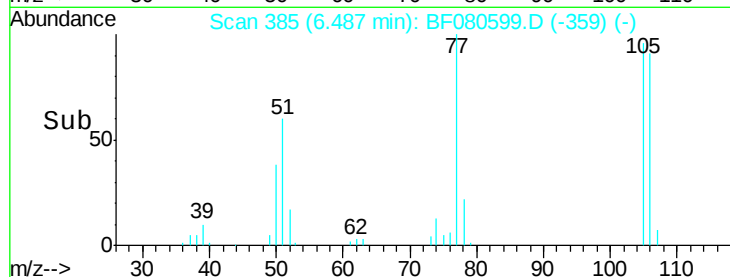
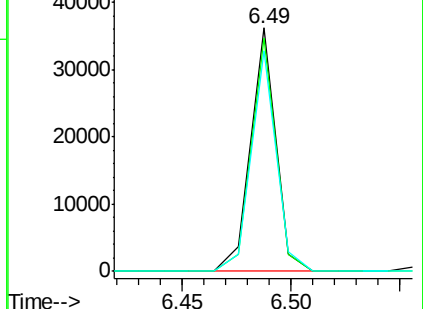
106 90.5 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.25 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

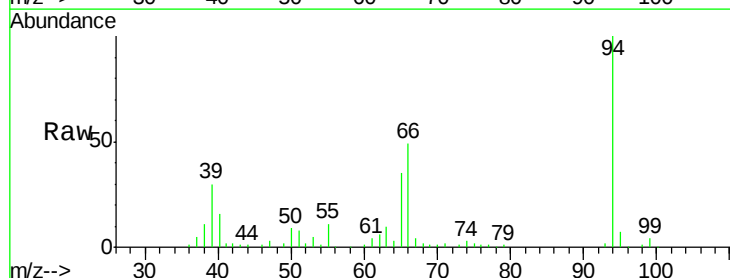
Tgt Ion: 94 Resp: 128487

Ion Ratio Lower Upper

94 100

65 34.9 12.1 52.1

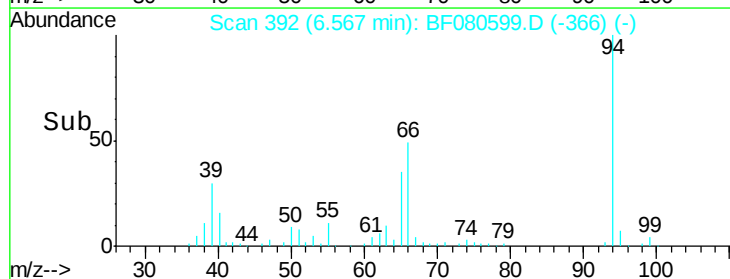
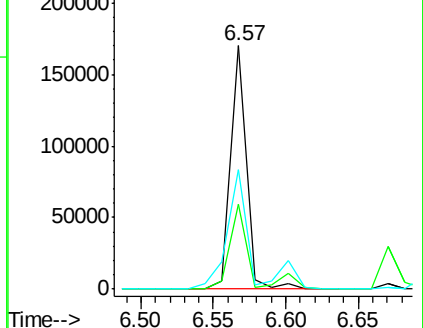
66 48.9 24.3 64.3

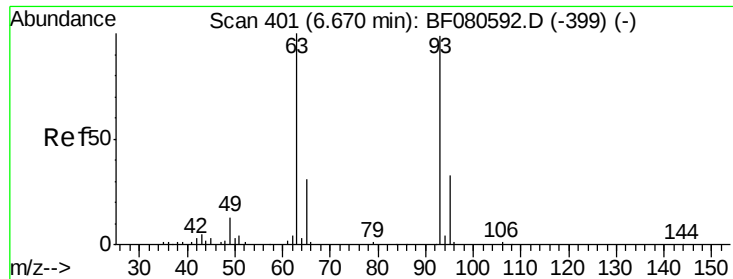


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.91 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

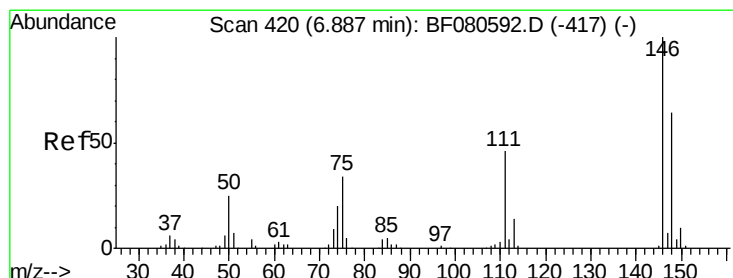
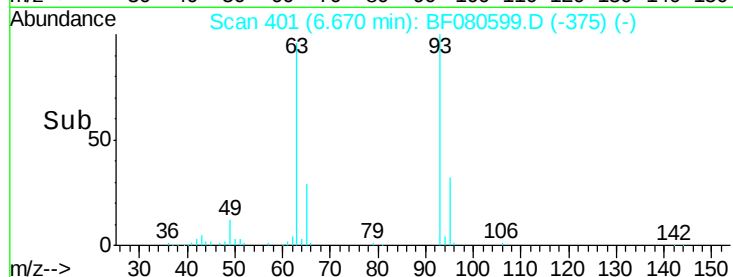
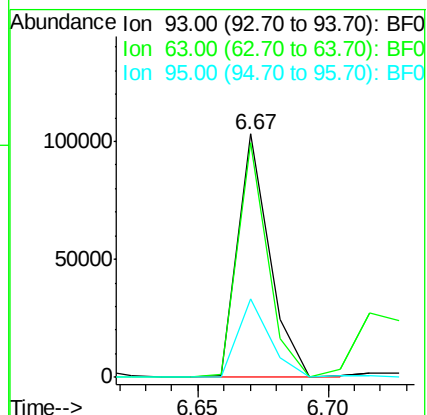
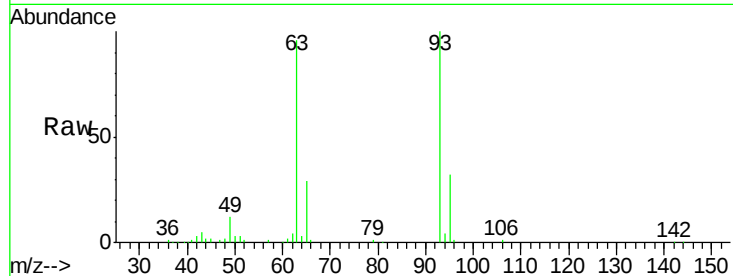
Tgt Ion: 93 Resp: 88428

Ion Ratio Lower Upper

93 100

63 96.3 80.5 120.5

95 32.1 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 35.39 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

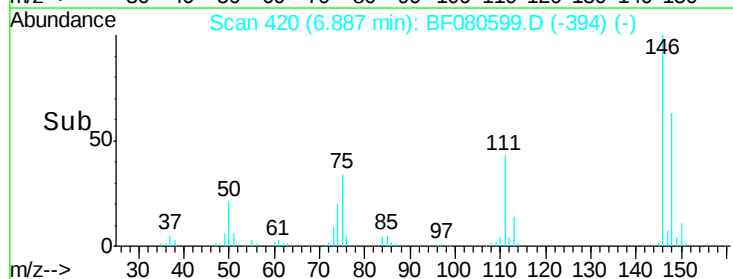
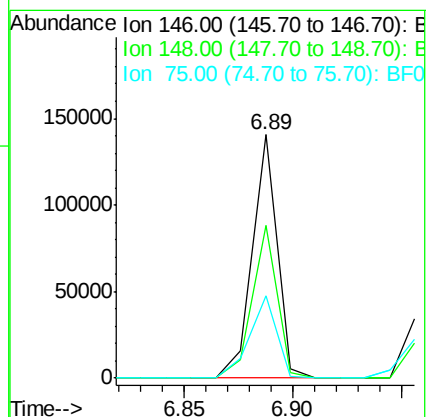
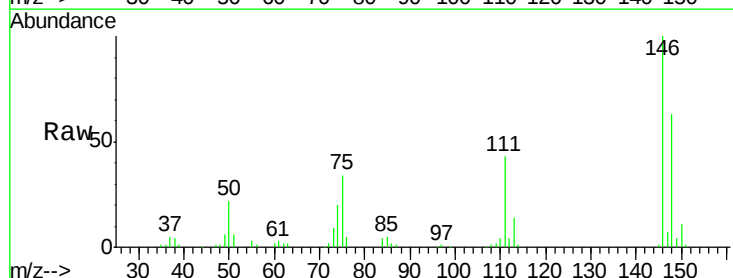
Tgt Ion: 146 Resp: 110685

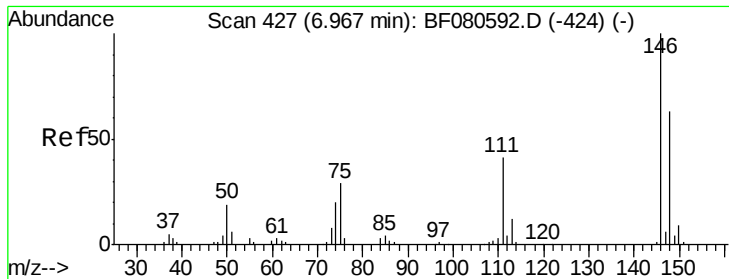
Ion Ratio Lower Upper

146 100

148 62.9 50.9 76.3

75 34.0 27.1 40.7

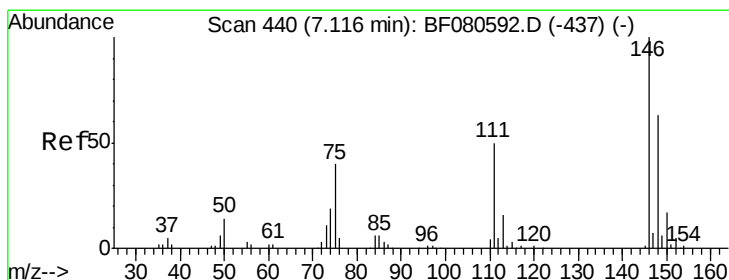
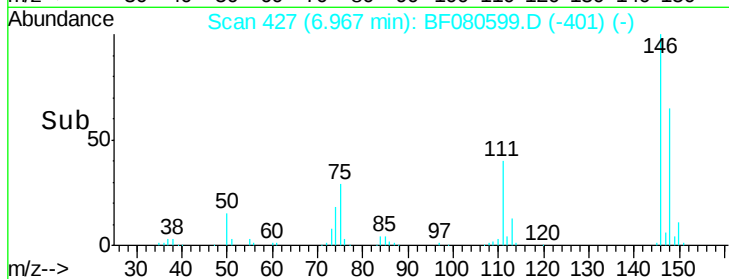
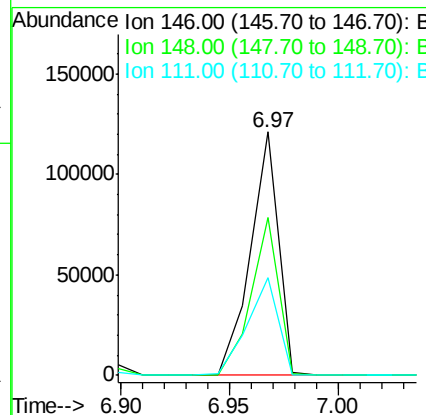
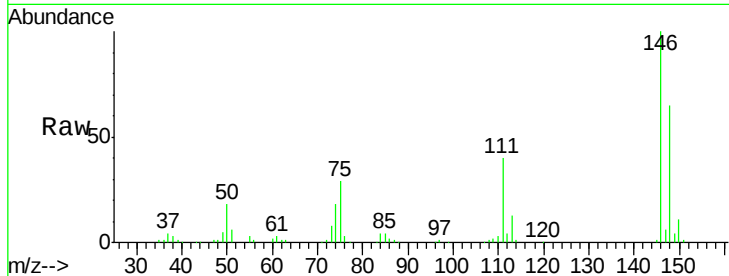




#13
 1,4-Dichlorobenzene
 Concen: 35.15 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

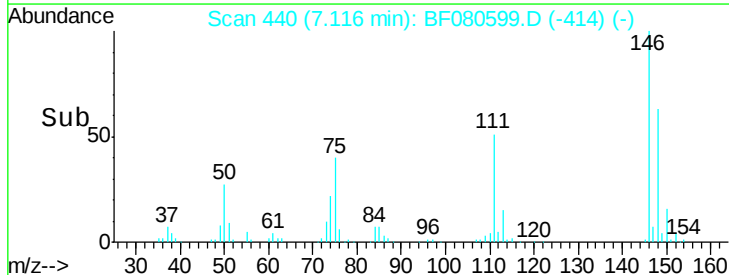
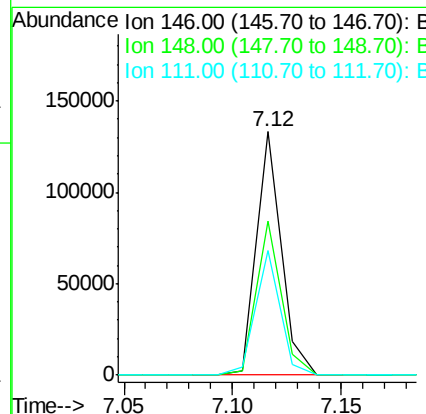
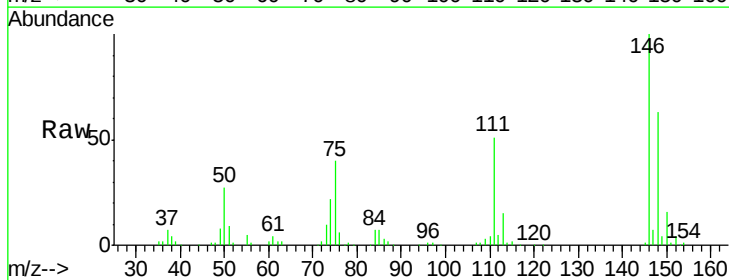
Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

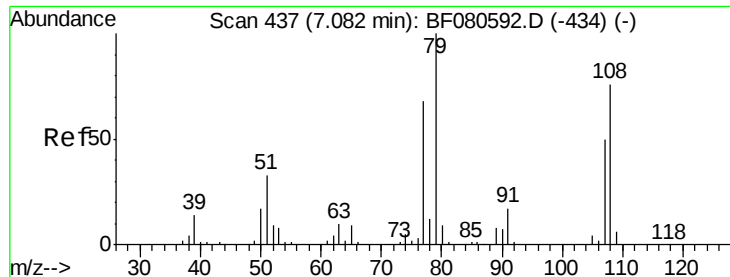
Tgt Ion:146 Resp: 107897
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.0 78.0
 111 40.0 31.4 47.2



#14
 1,2-Dichlorobenzene
 Concen: 37.24 ng
 RT: 7.12 min Scan# 440
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion:146 Resp: 105970
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.3 75.5
 111 51.1 38.2 57.2





#15

Benzyl Alcohol

Concen: 38.33 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampled :

PB84631BS

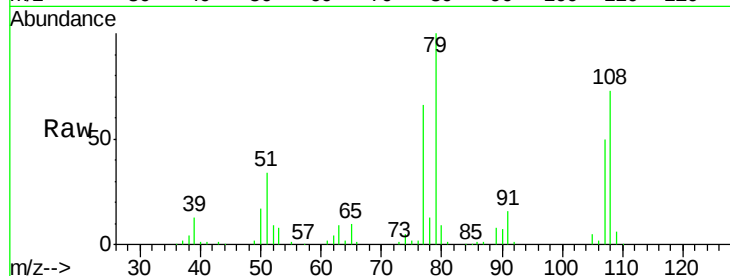
Tgt Ion: 79 Resp: 94845

Ion Ratio Lower Upper

79 100

108 72.6 61.5 92.3

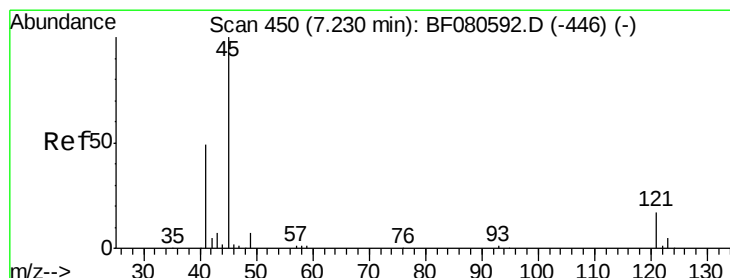
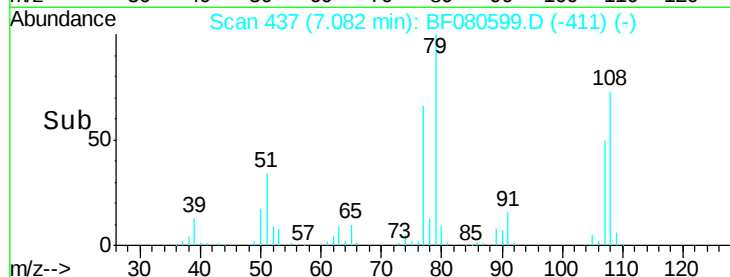
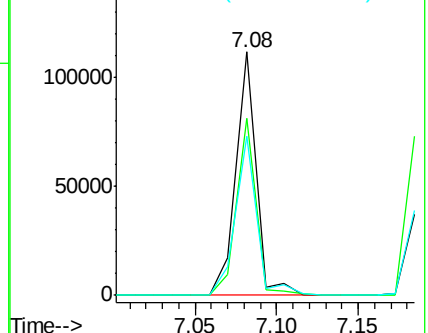
77 65.5 53.6 80.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.23 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

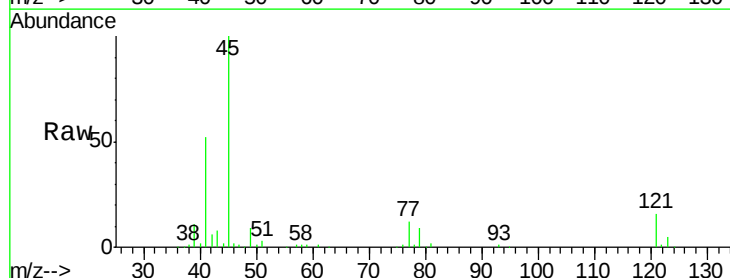
Tgt Ion: 45 Resp: 180744

Ion Ratio Lower Upper

45 100

77 11.6 0.0 30.8

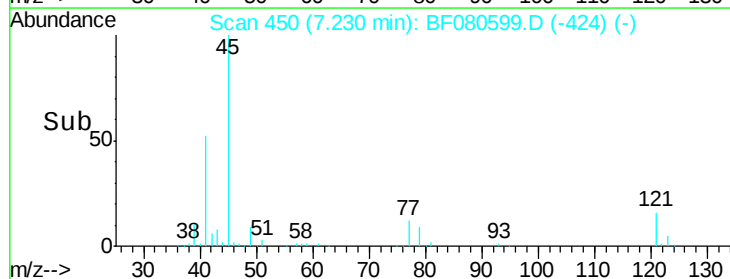
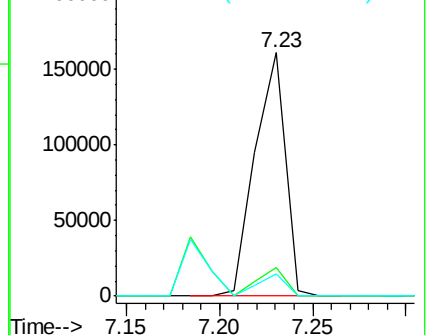
79 9.0 0.0 28.6

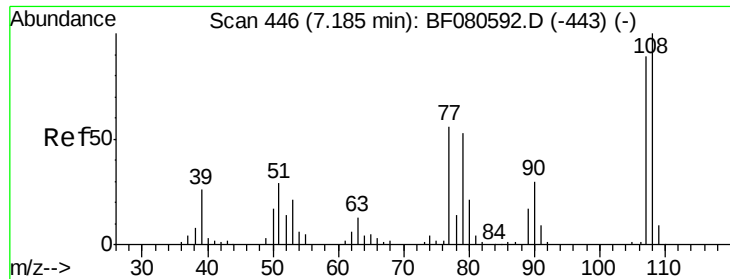


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

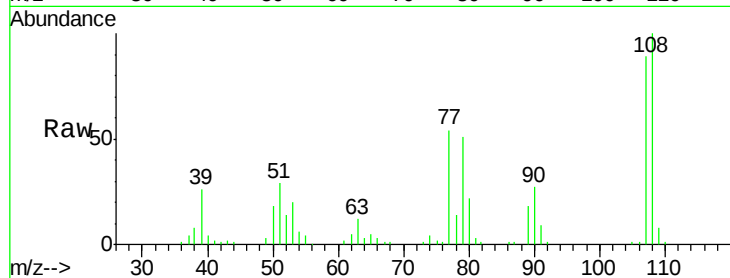




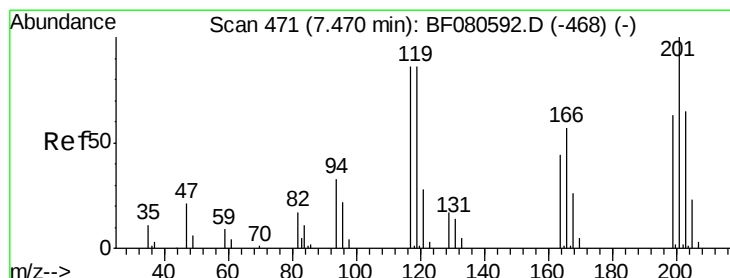
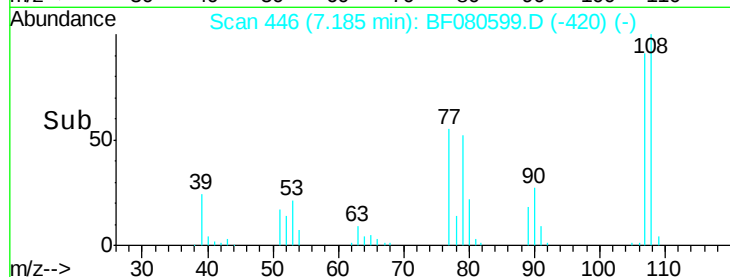
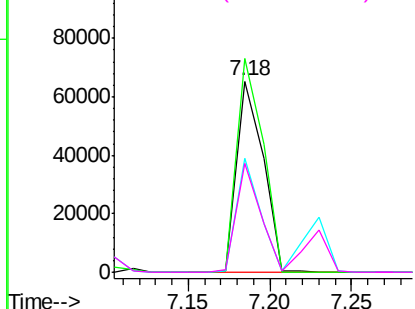
#17
2-Methylphenol
Concen: 37.08 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB84631BS

Tgt Ion:107 Resp: 72087
Ion Ratio Lower Upper
107 100
108 111.9 86.0 129.0
77 59.9 43.4 65.2
79 57.3 41.2 61.8

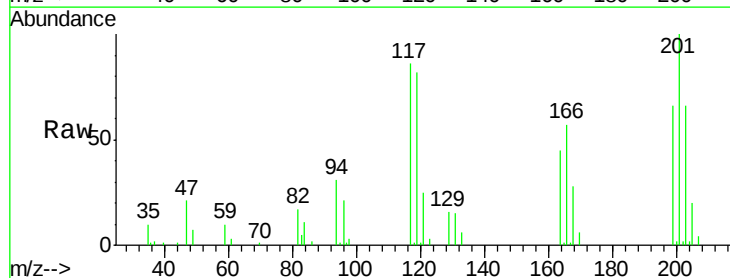


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

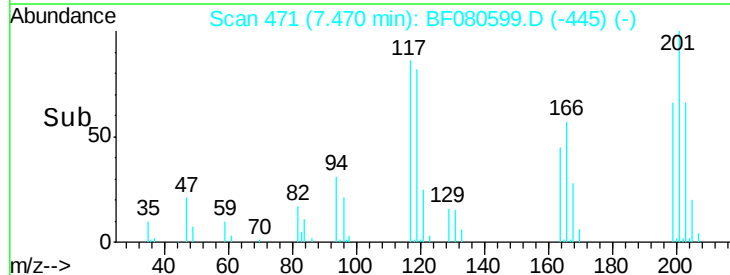
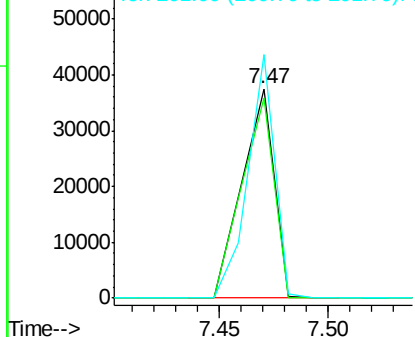


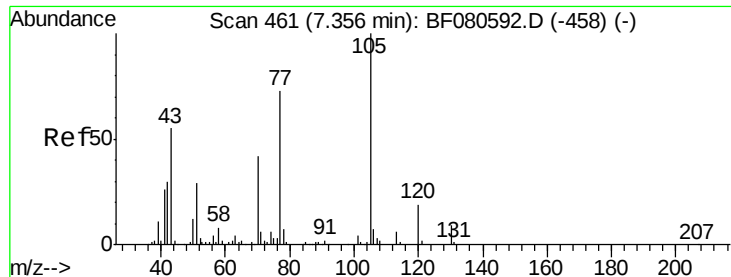
#18
Hexachloroethane
Concen: 36.19 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion:117 Resp: 38418
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7
201 116.4 91.6 137.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

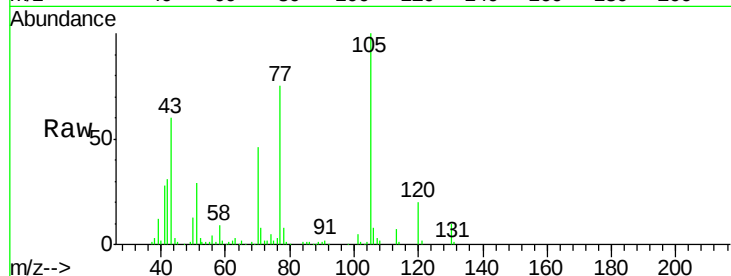




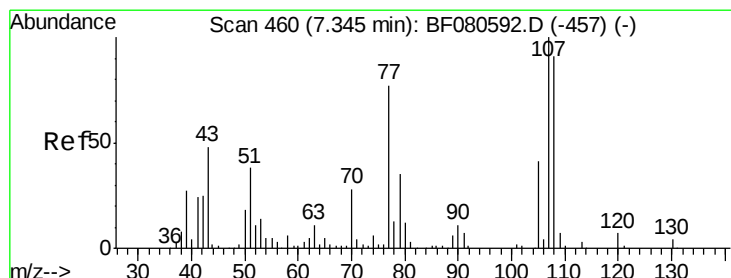
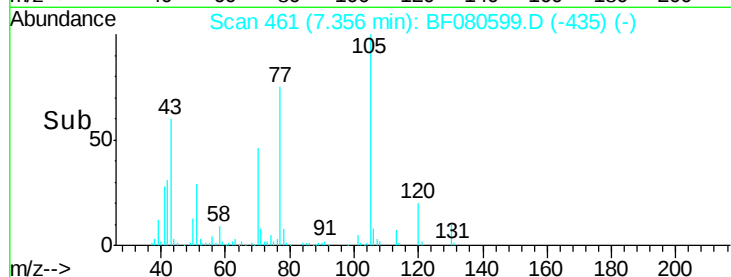
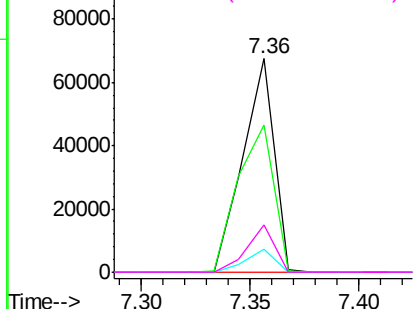
#19
n-Nitroso-di-n-propylamine
Concen: 35.36 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB84631BS

Tgt Ion: 70 Resp: 67269
Ion Ratio Lower Upper
70 100
42 68.7 56.6 85.0
101 10.6 9.7 14.5
130 22.0 19.1 28.7

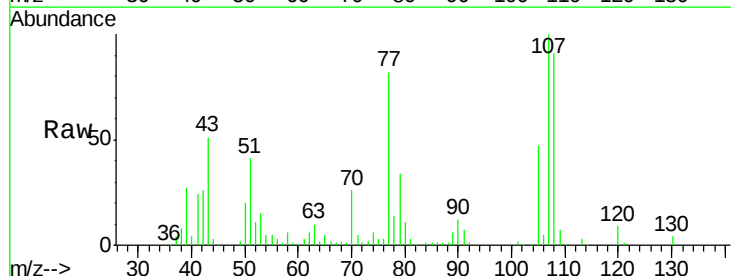


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

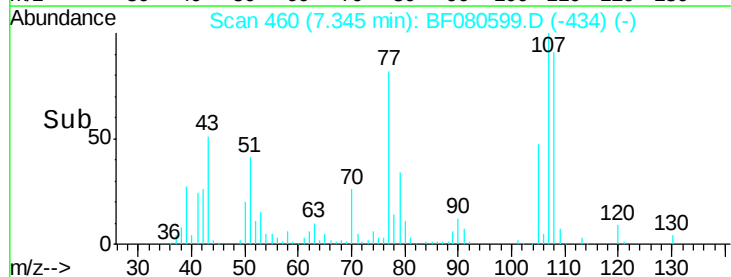
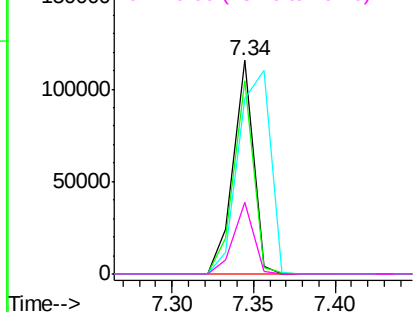


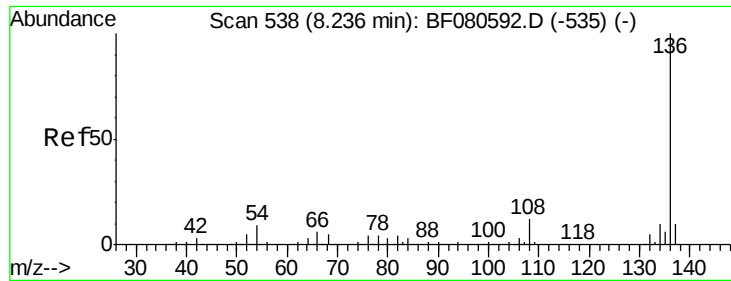
#20
3+4-Methylphenols
Concen: 36.74 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion: 107 Resp: 98758
Ion Ratio Lower Upper
107 100
108 90.6 75.6 115.6
77 82.2 84.7 124.7#
79 33.8 13.8 53.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

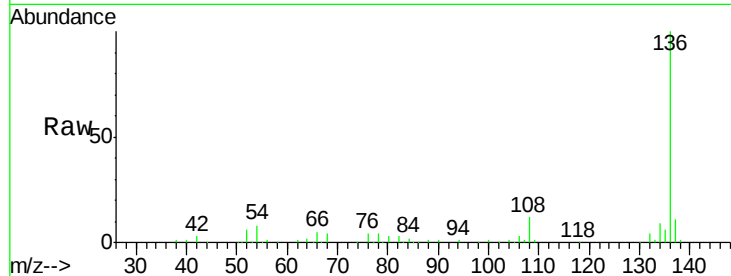




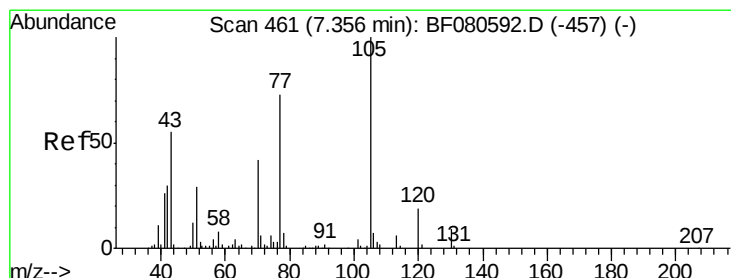
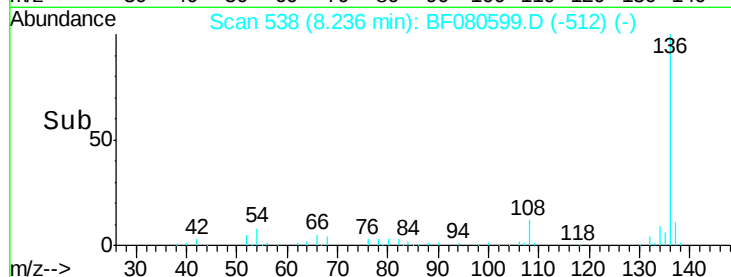
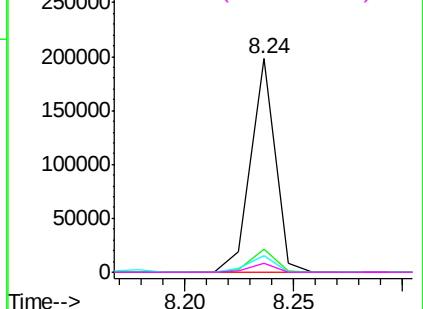
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB84631BS

Tgt Ion:	136	Resp:	153811
Ion	Ratio	Lower	Upper
136	100		
137	10.8	7.8	11.8
54	8.0	7.2	10.8
68	4.1	3.8	5.6

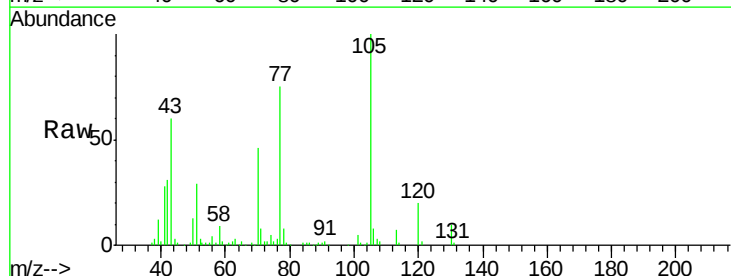


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

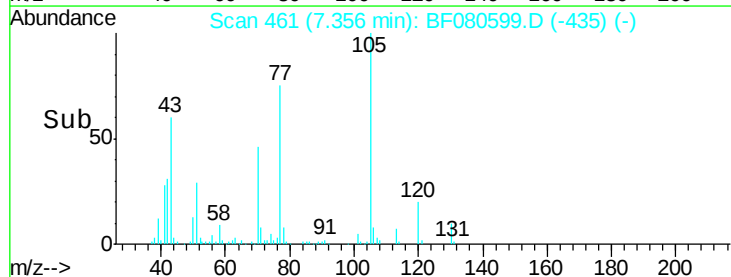
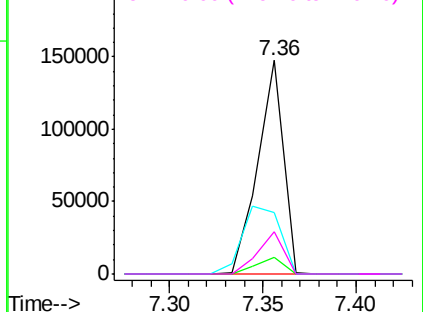


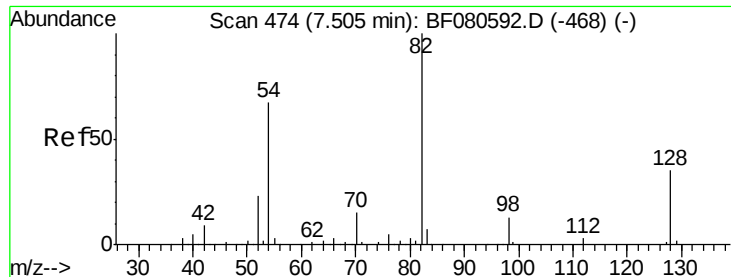
#22
Acetophenone
Concen: 37.26 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion:	105	Resp:	139579
Ion	Ratio	Lower	Upper
105	100		
71	7.6	5.5	8.3
51	28.6	23.0	34.4
120	19.8	15.8	23.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

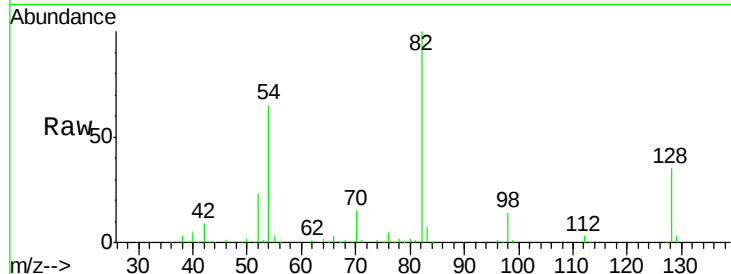




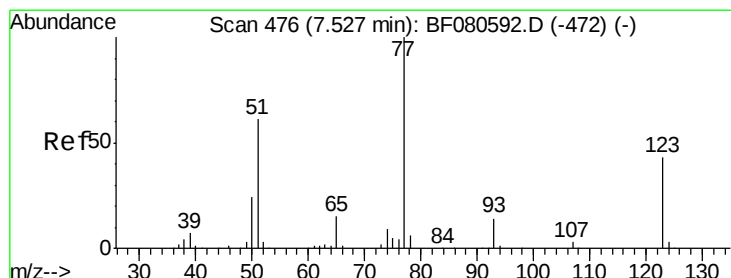
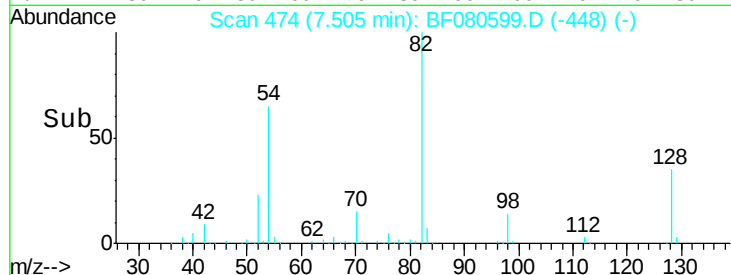
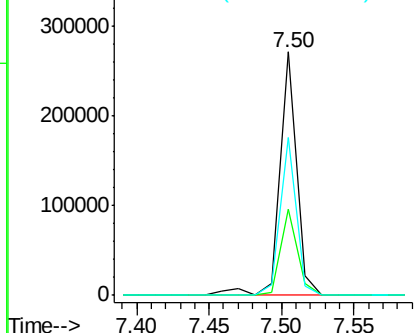
#23
 Nitrobenzene-d5
 Concen: 80.63 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.5	28.9	43.3
54	65.1	54.5	81.7

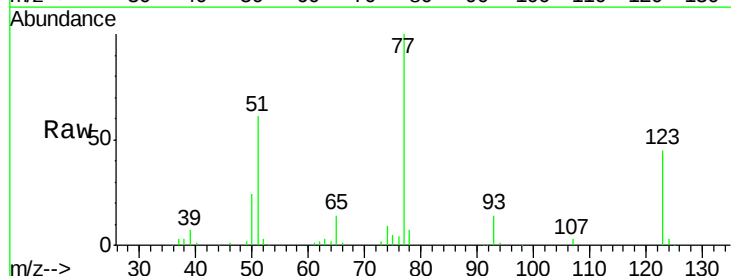


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

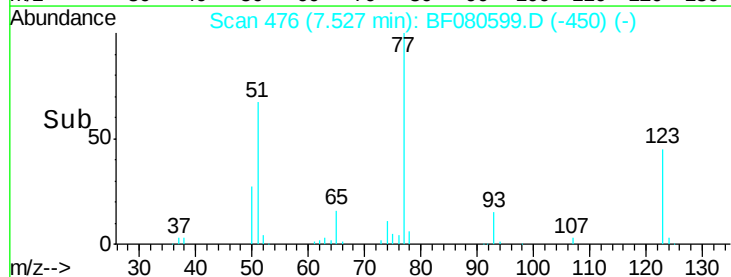
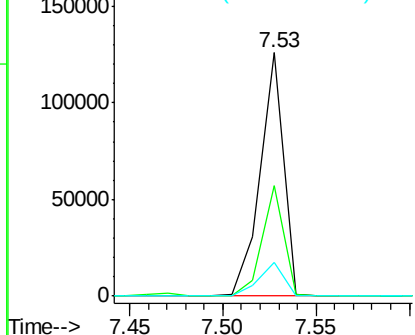


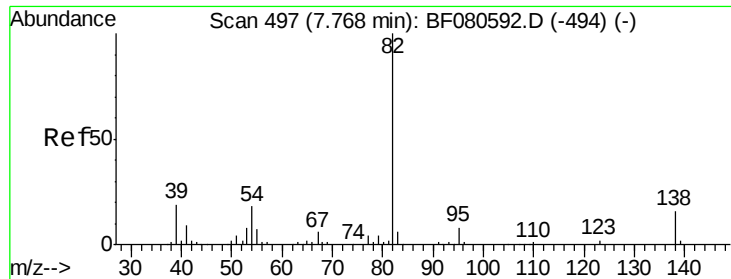
#24
 Nitrobenzene
 Concen: 37.54 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	37.1	55.7
65	13.6	11.4	17.2



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.34 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

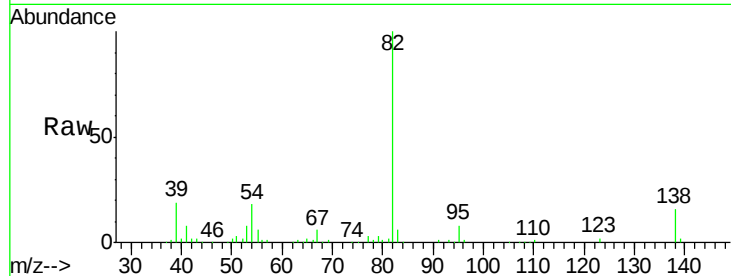
Tgt Ion: 82 Resp: 192767

Ion Ratio Lower Upper

82 100

95 8.3 5.9 8.9

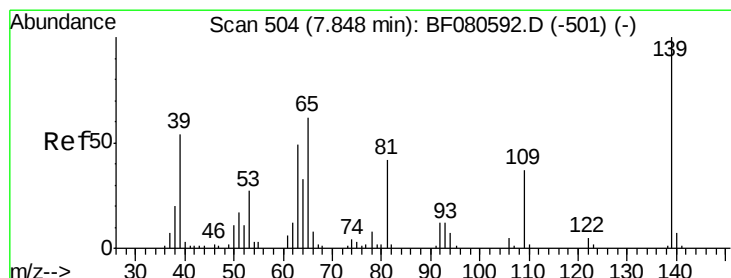
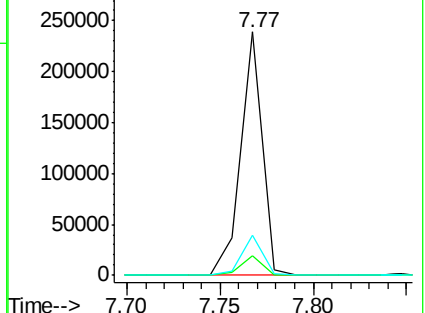
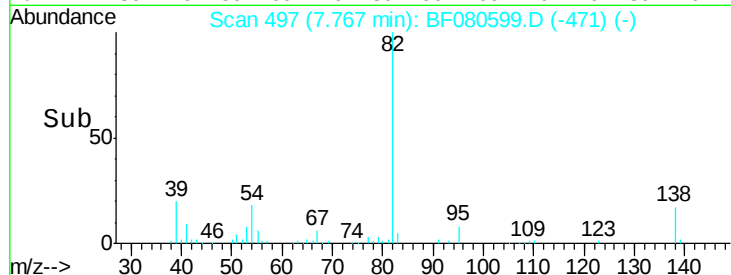
138 16.5 13.4 20.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.48 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

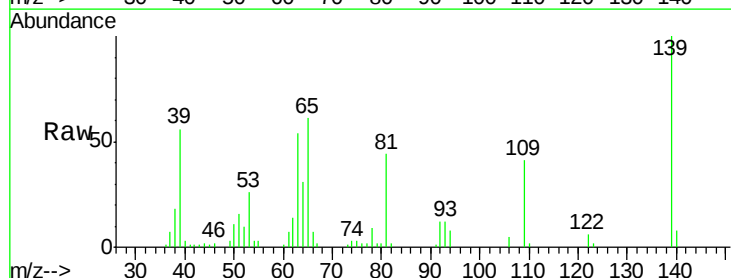
Tgt Ion: 139 Resp: 37822

Ion Ratio Lower Upper

139 100

109 41.3 26.0 39.0#

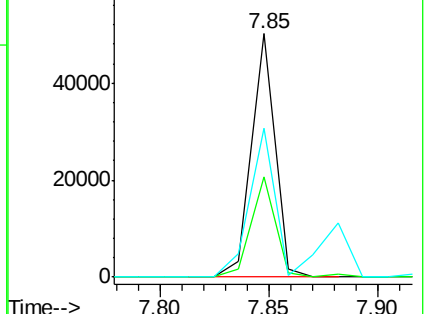
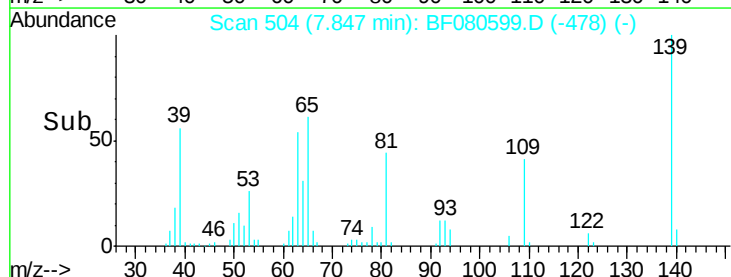
65 61.3 45.4 68.0

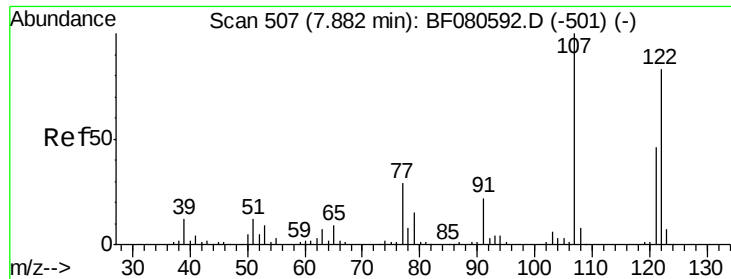


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

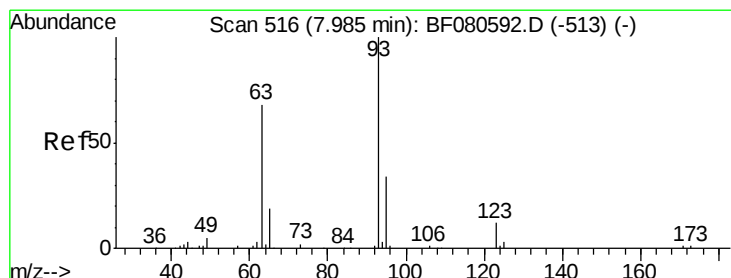
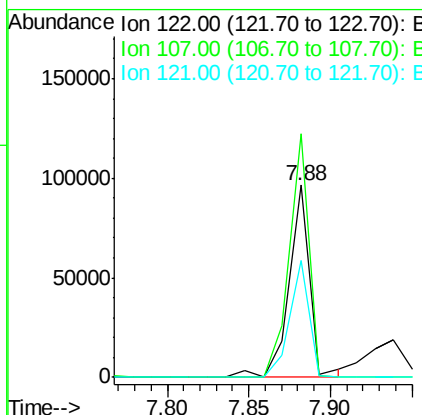
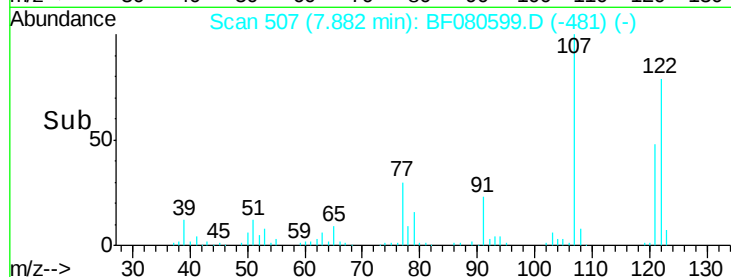
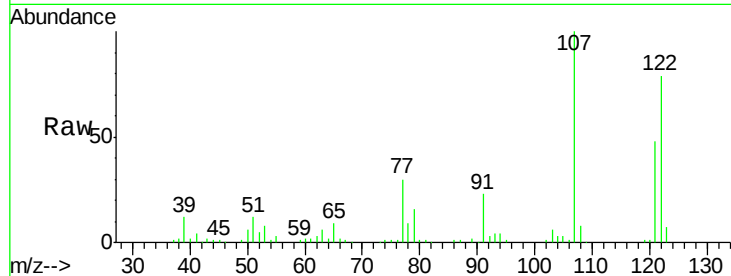




#27
 2,4-Dimethylphenol
 Concen: 37.10 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

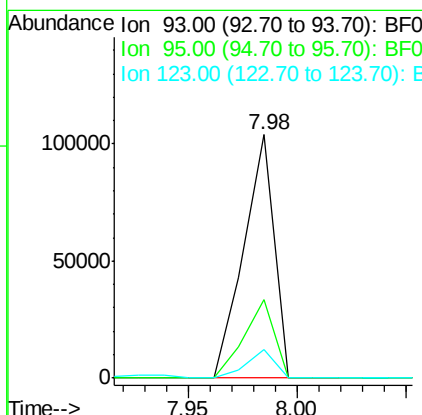
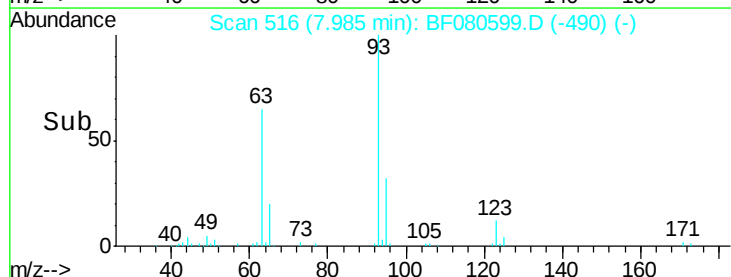
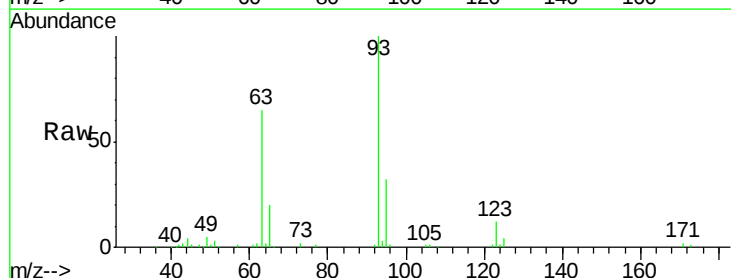
Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

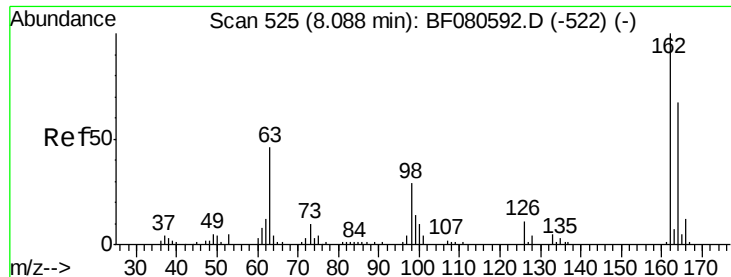
Tgt Ion:122 Resp: 84960
 Ion Ratio Lower Upper
 122 100
 107 126.9 92.3 138.5
 121 61.2 47.1 70.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.36 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion: 93 Resp: 101019
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.9 38.9
 123 11.9 10.3 15.5

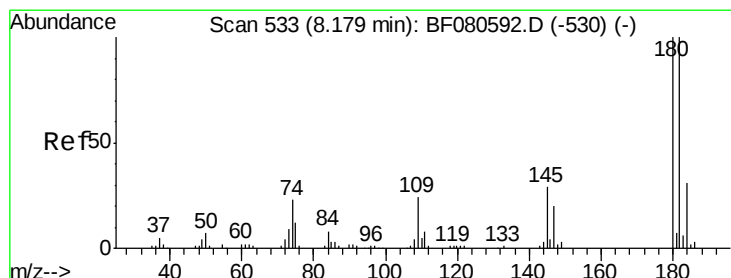
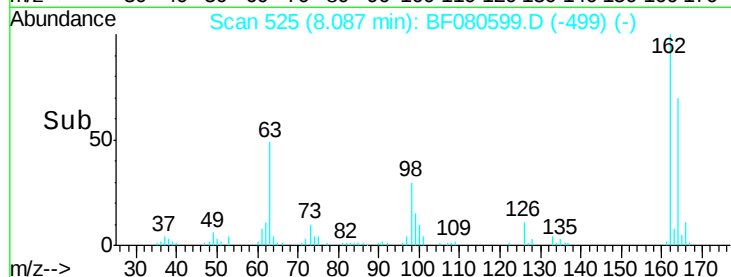
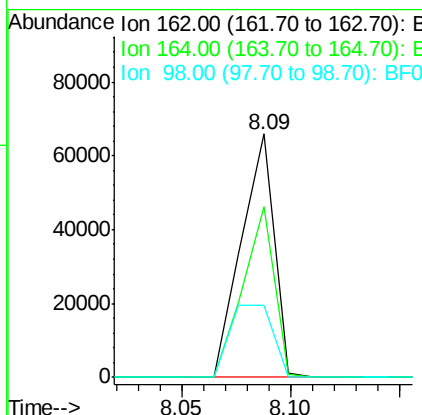
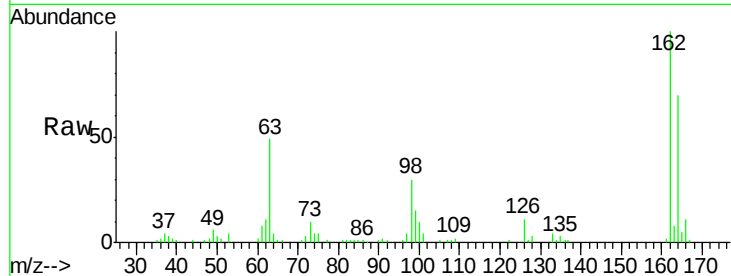




#29
 2,4-Dichlorophenol
 Concen: 36.79 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

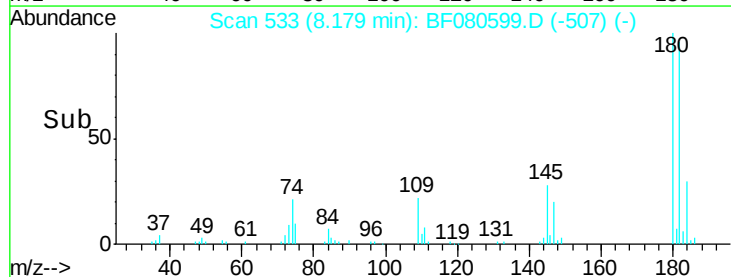
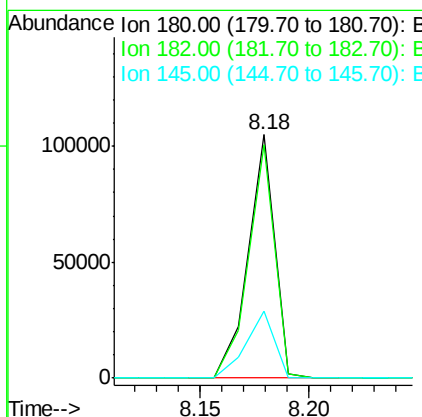
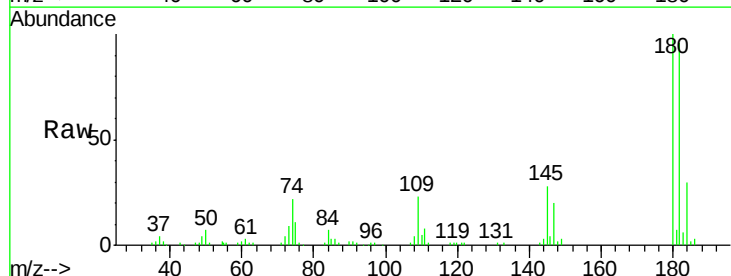
Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

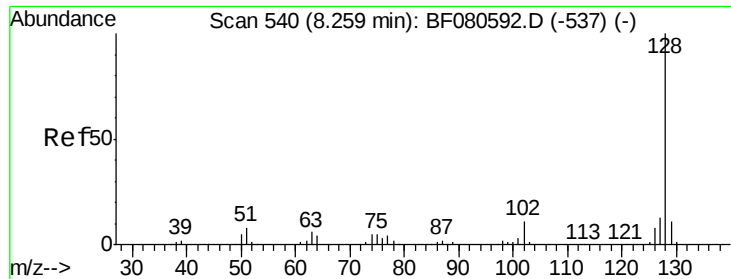
Tgt Ion:162 Resp: 68911
 Ion Ratio Lower Upper
 162 100
 164 69.9 44.1 84.1
 98 29.8 8.9 48.9



#30
 1,2,4-Trichlorobenzene
 Concen: 36.40 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion:180 Resp: 88645
 Ion Ratio Lower Upper
 180 100
 182 95.8 79.0 118.4
 145 27.7 22.0 33.0

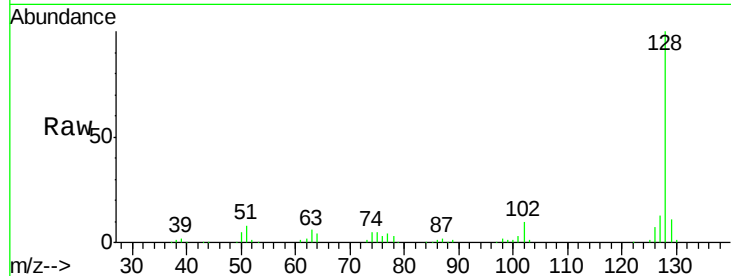




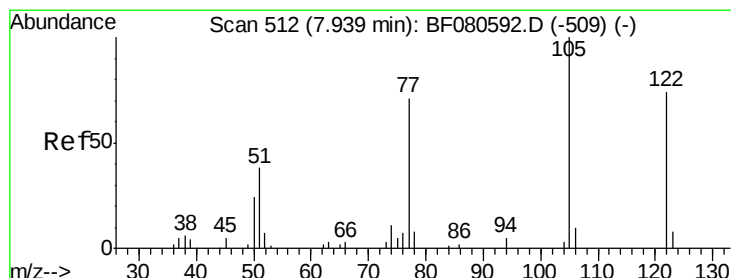
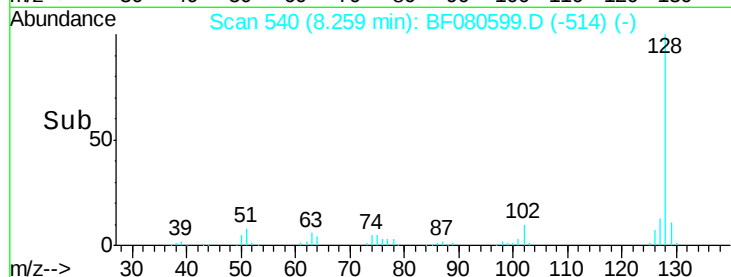
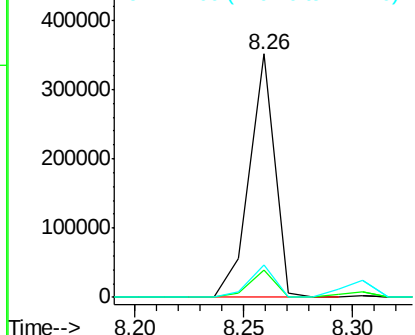
#31
Naphthalene
Concen: 37.01 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB84631BS

Tgt Ion:128 Resp: 284787
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.5 10.7 16.1

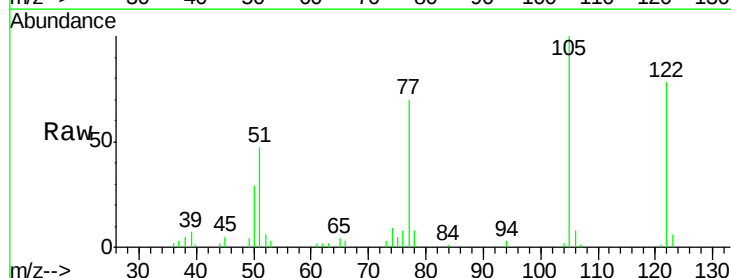


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

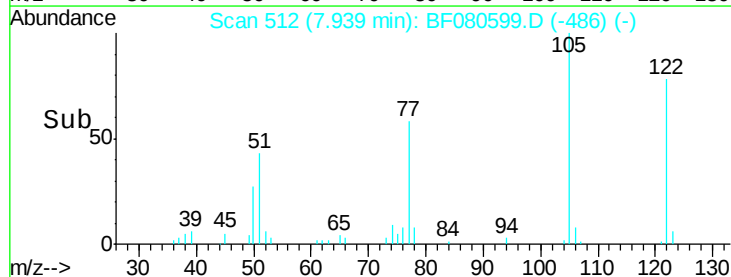
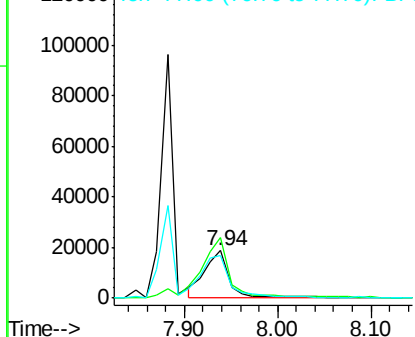


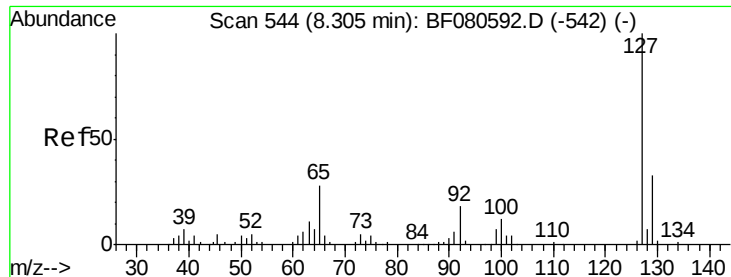
#32
Benzoic acid
Concen: 34.88 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion:122 Resp: 34808
Ion Ratio Lower Upper
122 100
105 127.6 112.5 152.5
77 88.8 102.5 142.5#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

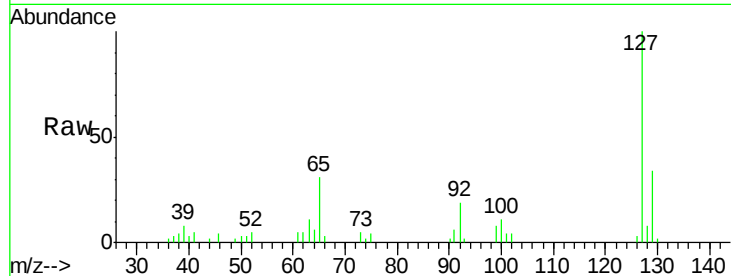




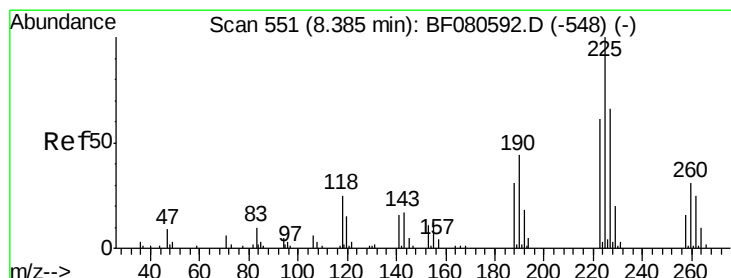
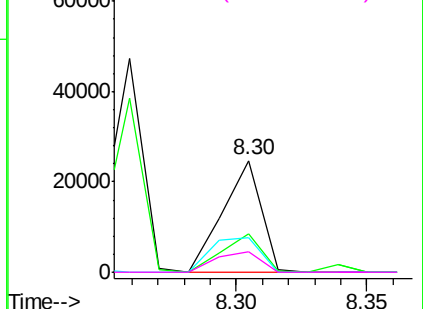
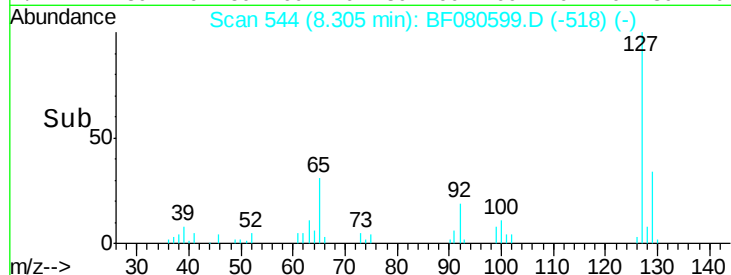
#33
 4-Chloroaniline
 Concen: 8.45 ng
 RT: 8.30 min Scan# 544
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Tgt Ion:	127	Resp:	25501
Ion	Ratio	Lower	Upper
127	100		
129	34.5	27.8	41.6
65	31.4	21.2	31.8
92	18.5	13.9	20.9

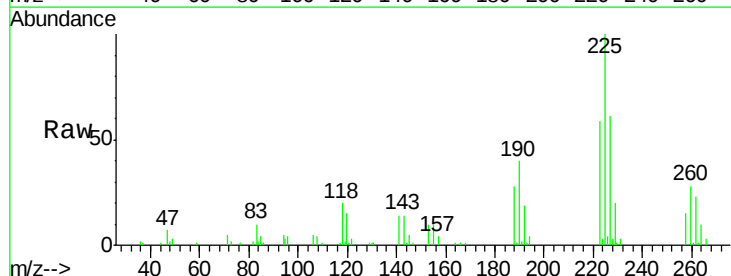


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

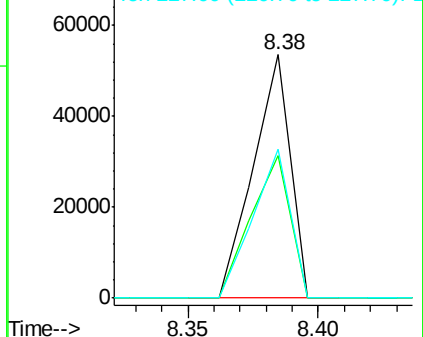
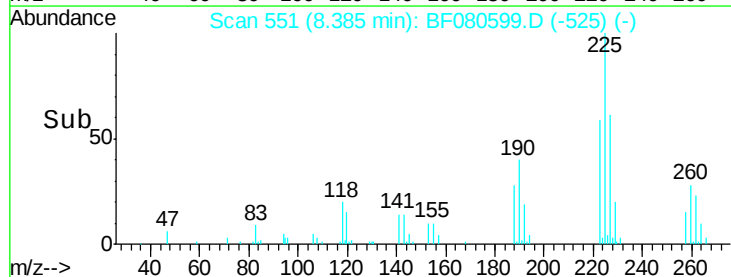


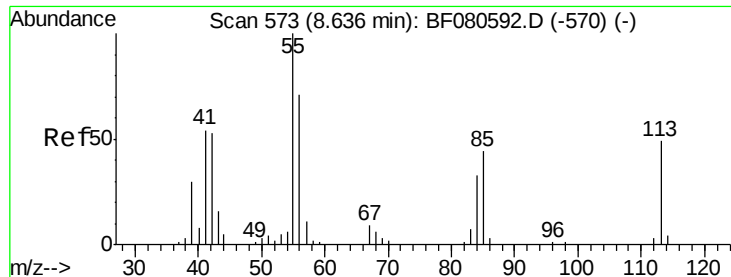
#34
 Hexachlorobutadiene
 Concen: 37.68 ng
 RT: 8.38 min Scan# 551
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion:	225	Resp:	53498
Ion	Ratio	Lower	Upper
225	100		
223	58.5	50.3	75.5
227	61.1	54.5	81.7



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

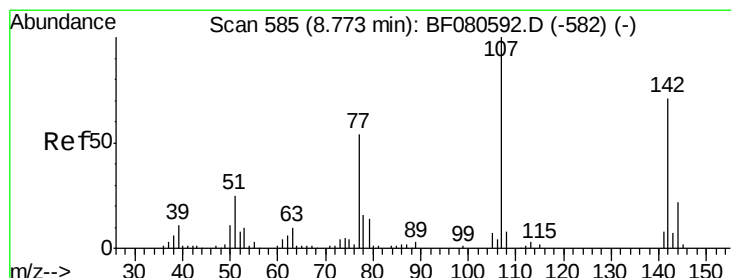
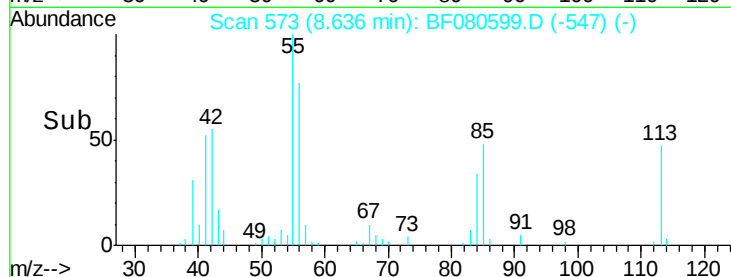
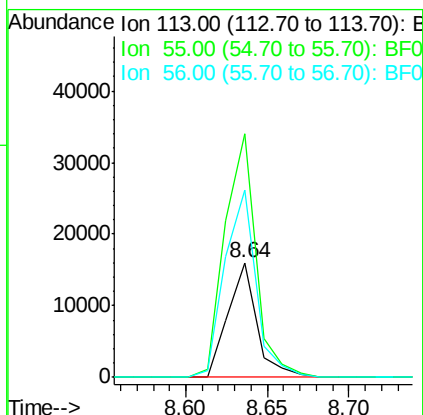
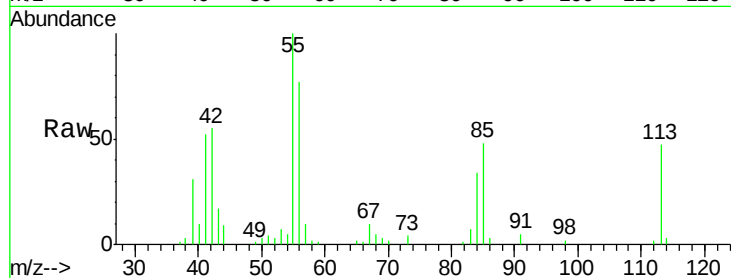




#35
 Caprolactam
 Concen: 38.43 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

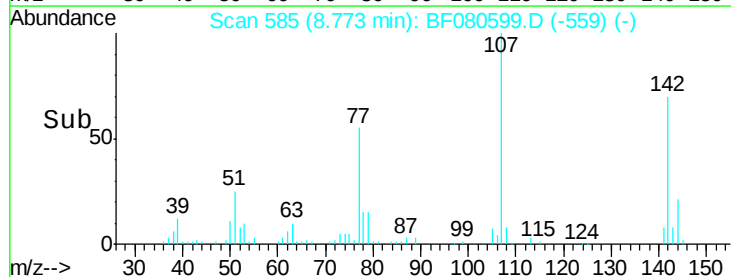
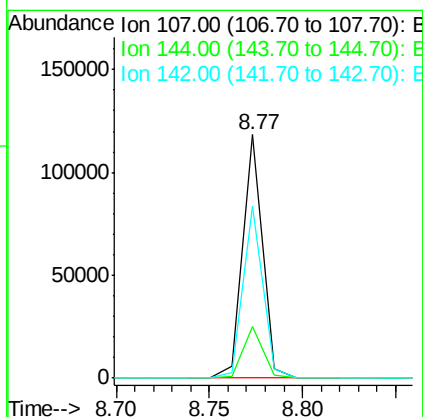
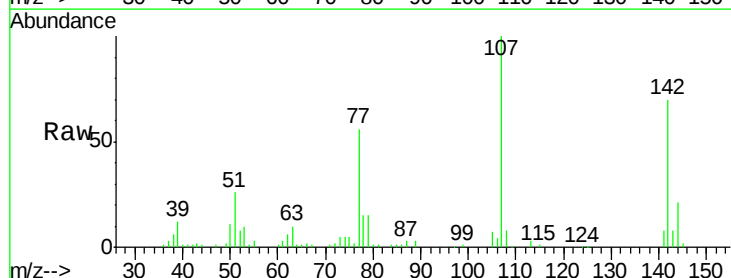
Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

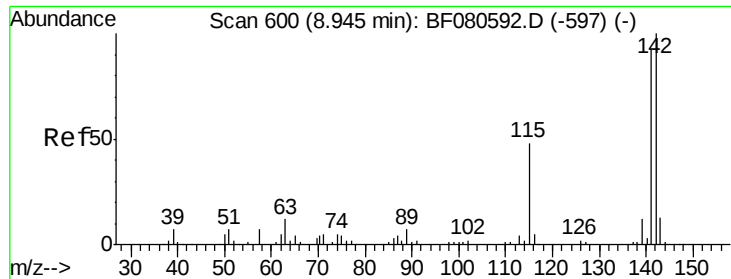
Tgt Ion:113 Resp: 19381
 Ion Ratio Lower Upper
 113 100
 55 212.5 259.3 299.3#
 56 163.4 171.6 211.6#



#36
 4-Chloro-3-methylphenol
 Concen: 39.83 ng
 RT: 8.77 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion:107 Resp: 88740
 Ion Ratio Lower Upper
 107 100
 144 21.3 17.7 26.5
 142 70.4 57.7 86.5

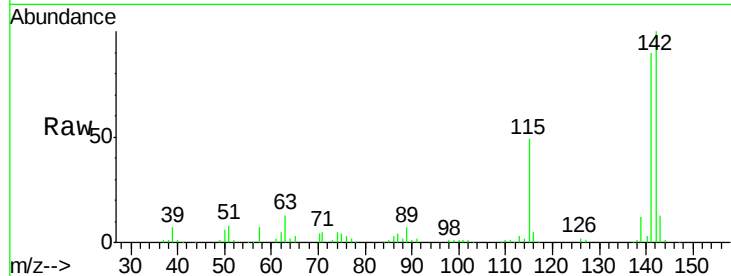




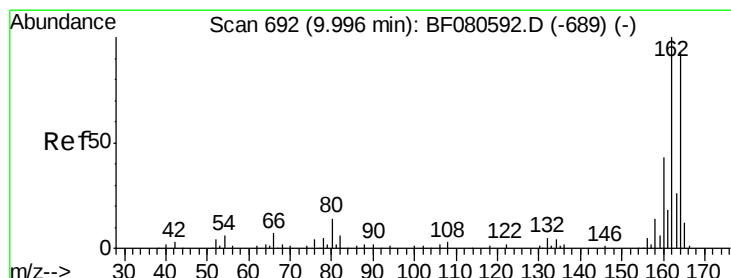
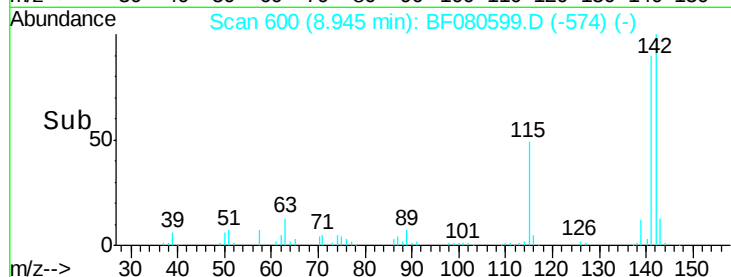
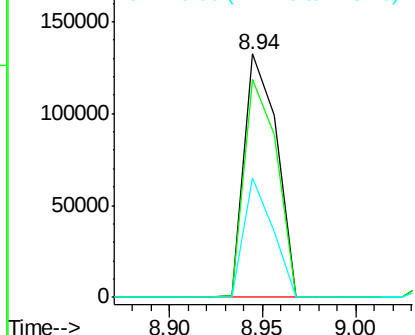
#37
 2-Methylnaphthalene
 Concen: 37.01 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Tgt Ion:142 Resp: 159462
 Ion Ratio Lower Upper
 142 100
 141 89.6 72.6 109.0
 115 49.0 38.2 57.2

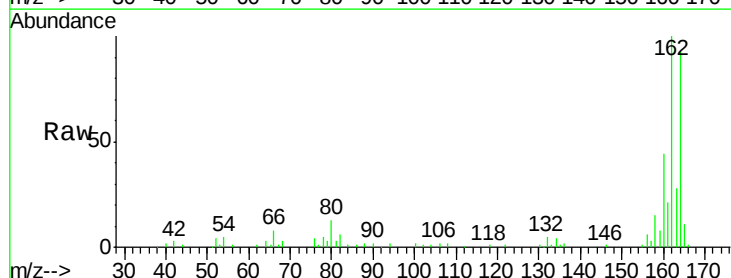


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

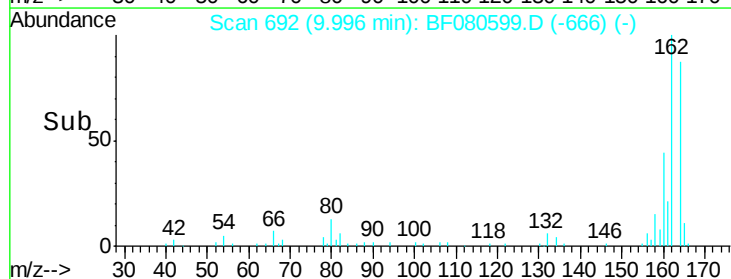
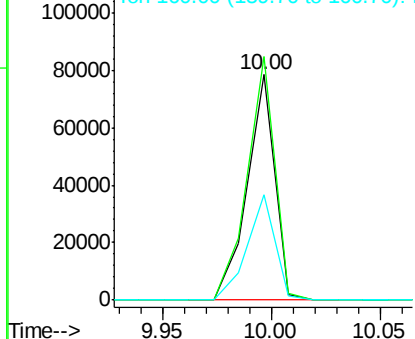


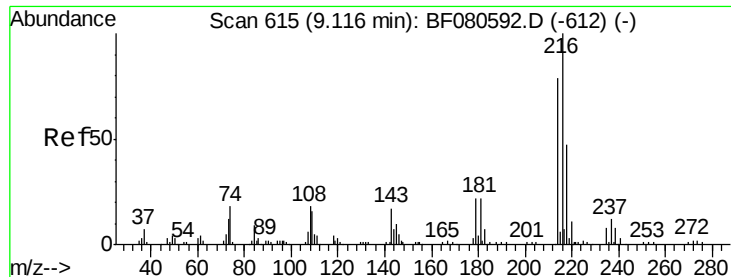
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion:164 Resp: 68581
 Ion Ratio Lower Upper
 164 100
 162 107.9 82.2 123.4
 160 47.0 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

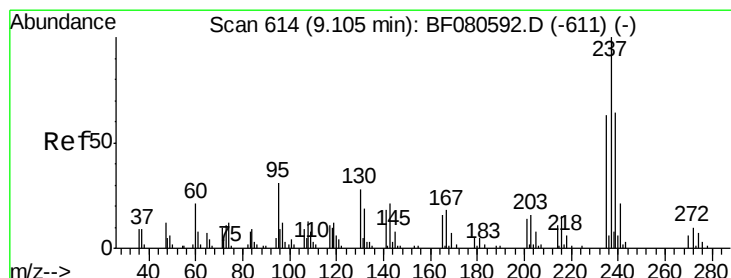
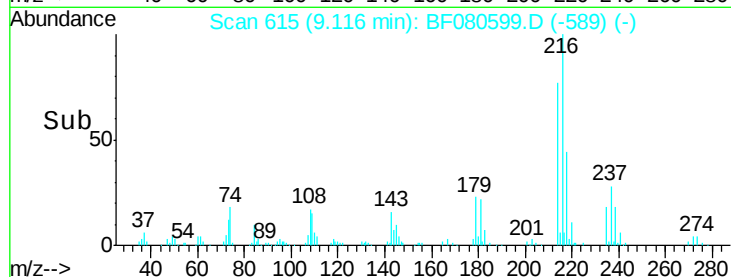
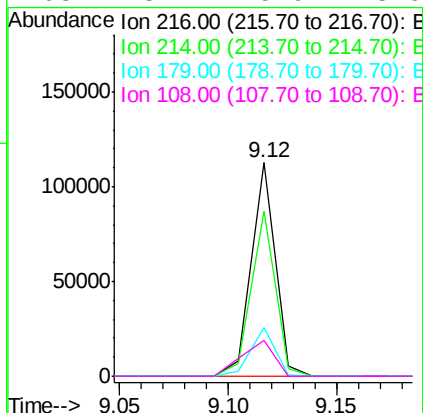
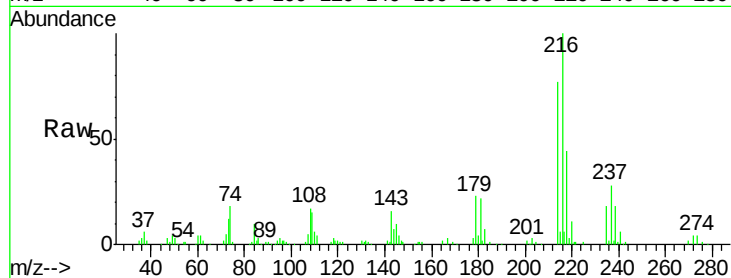




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.34 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

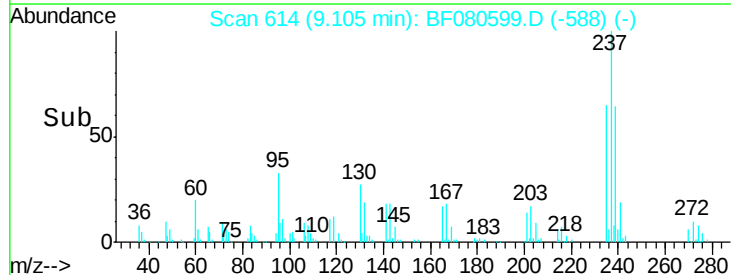
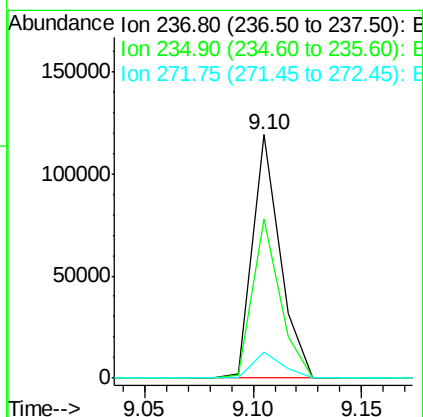
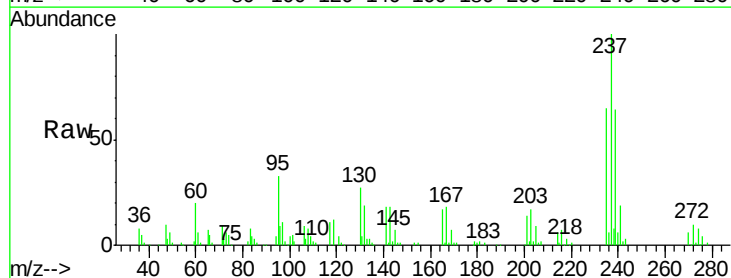
Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

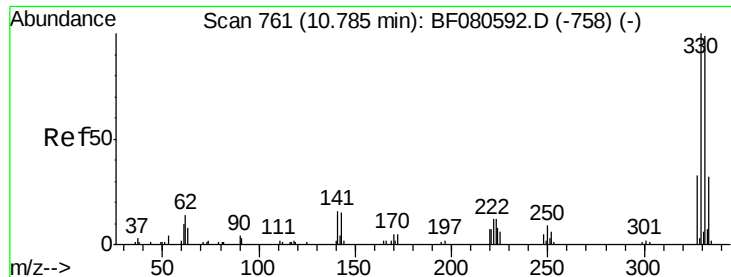
Tgt Ion:	216	Resp:	86602
Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.6	93.8
179	23.2	18.0	27.0
108	23.1	15.9	23.9



#40
 Hexachlorocyclopentadiene
 Concen: 85.70 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion:	237	Resp:	104664
Ion	Ratio	Lower	Upper
237	100		
235	65.5	47.3	87.3
272	10.5	0.0	31.5

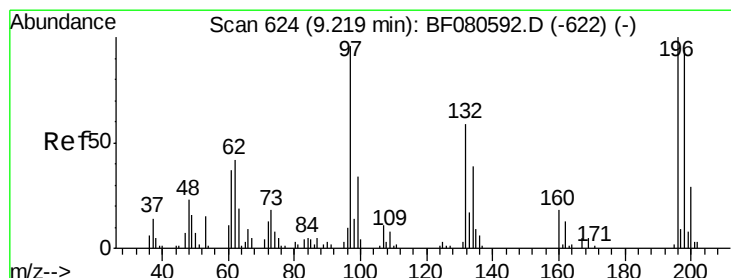
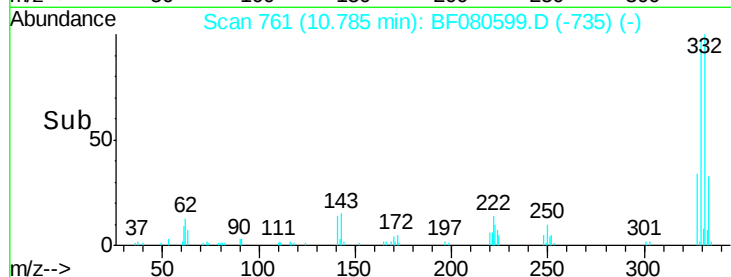
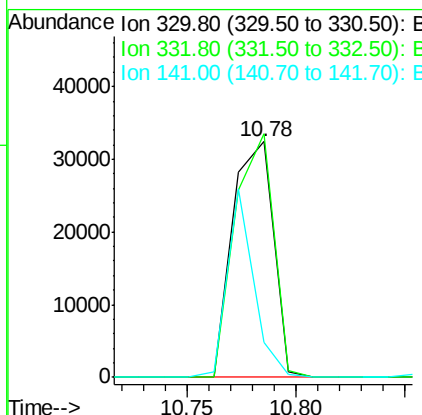
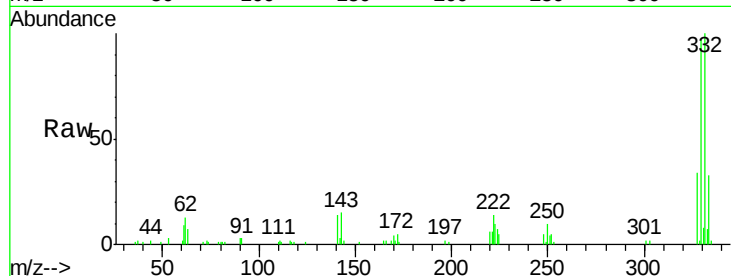




#41
 2,4,6-Tribromophenol
 Concen: 77.47 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

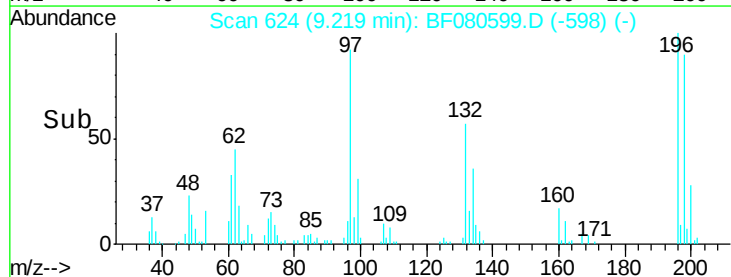
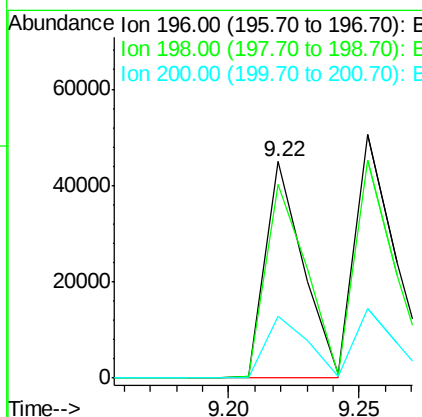
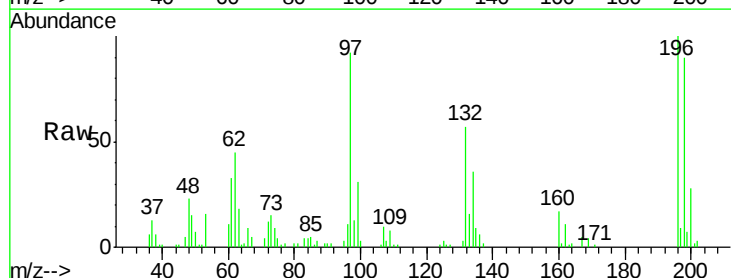
Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

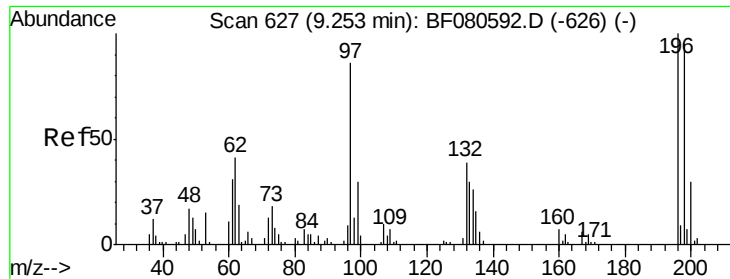
Tgt Ion:330 Resp: 42101
 Ion Ratio Lower Upper
 330 100
 332 98.0 78.3 117.5
 141 52.0 37.9 56.9



#42
 2,4,6-Trichlorophenol
 Concen: 34.96 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion:196 Resp: 45477
 Ion Ratio Lower Upper
 196 100
 198 89.6 73.9 110.9
 200 28.4 23.4 35.0

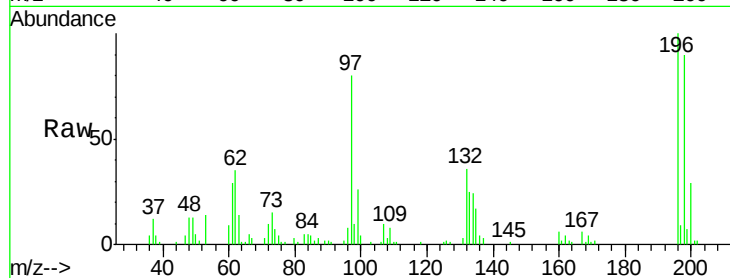




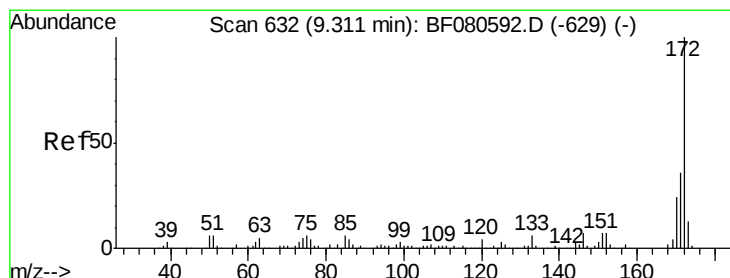
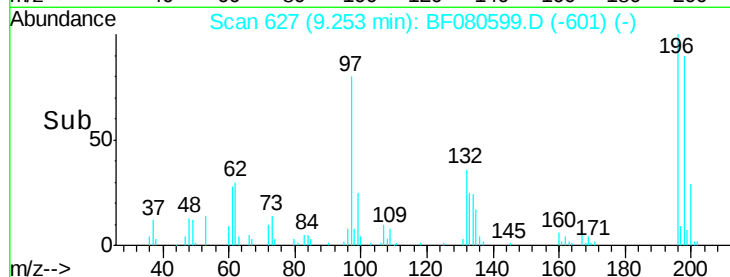
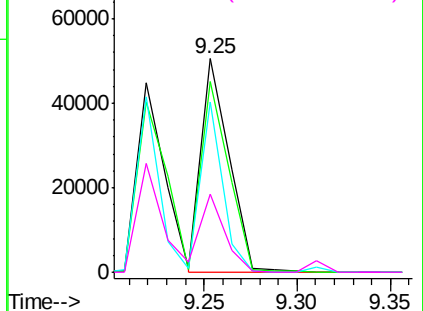
#43
 2,4,5-Trichlorophenol
 Concen: 39.94 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Tgt Ion:196 Resp: 52439
 Ion Ratio Lower Upper
 196 100
 198 89.6 76.9 115.3
 97 79.9 63.0 94.4
 132 36.5 30.1 45.1

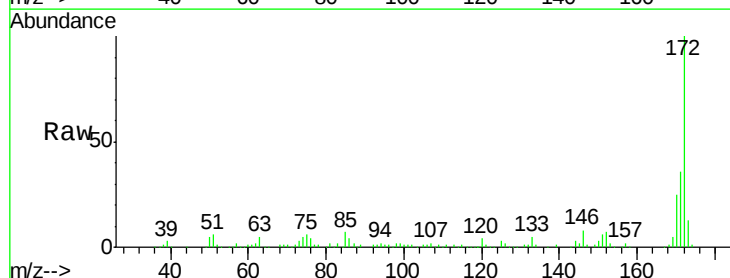


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

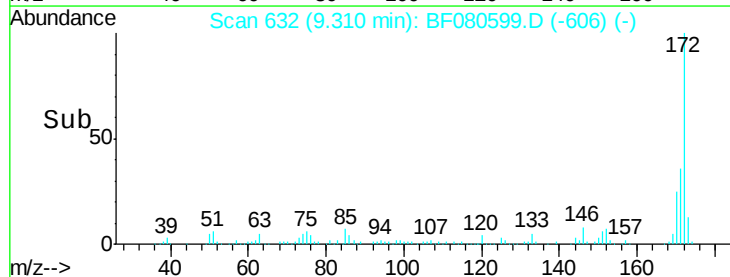
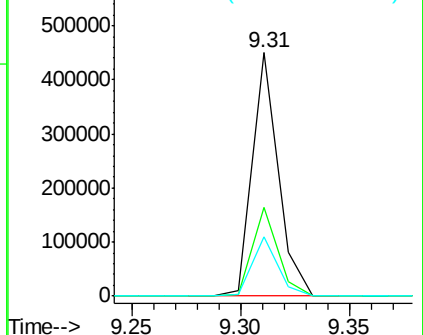


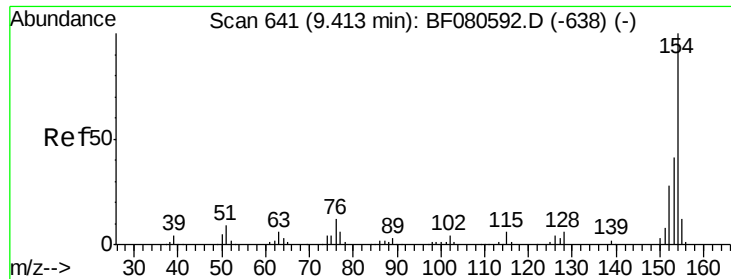
#44
 2-Fluorobiphenyl
 Concen: 78.79 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion:172 Resp: 372399
 Ion Ratio Lower Upper
 172 100
 171 36.3 27.7 41.5
 170 24.6 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.28 ng

RT: 9.41 min Scan# 641

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

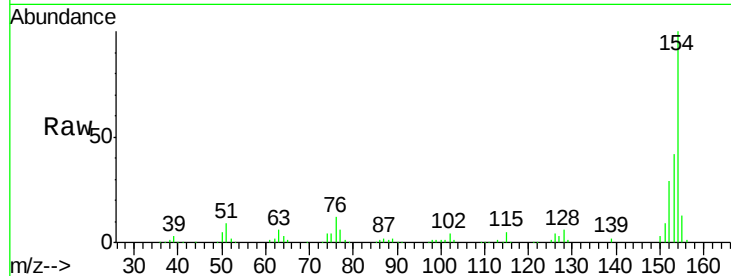
Tgt Ion:154 Resp: 219296

Ion Ratio Lower Upper

154 100

153 41.8 21.8 61.8

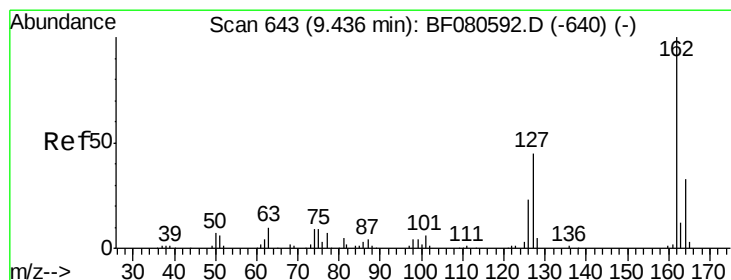
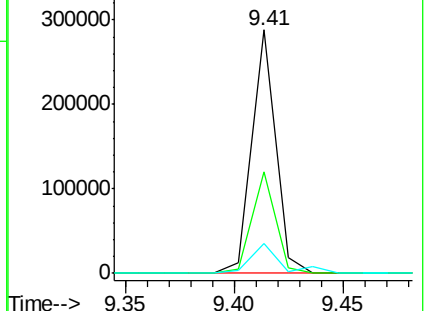
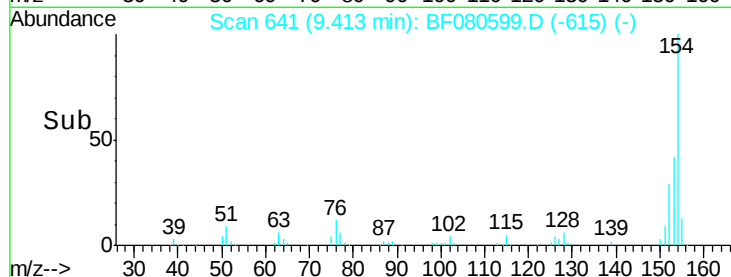
76 12.0 0.0 32.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.09 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

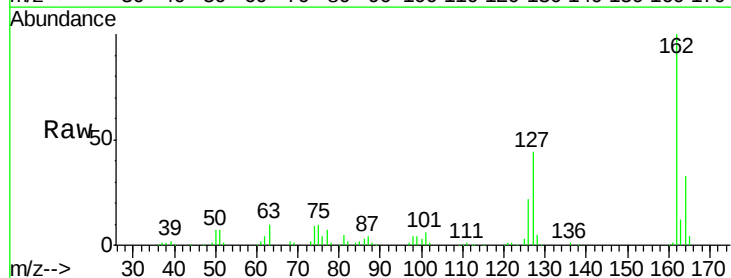
Tgt Ion:162 Resp: 172040

Ion Ratio Lower Upper

162 100

127 44.1 37.6 56.4

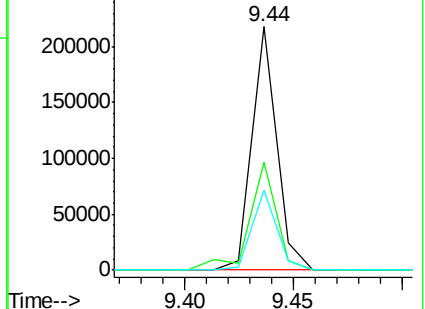
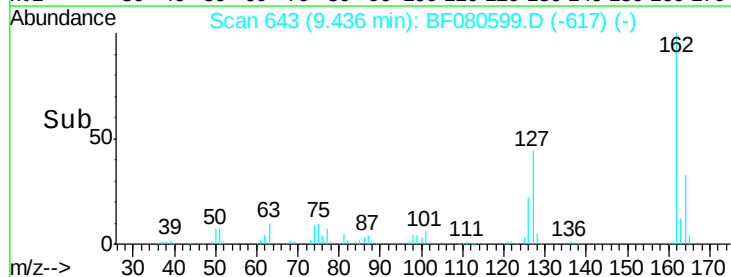
164 32.6 27.4 41.0

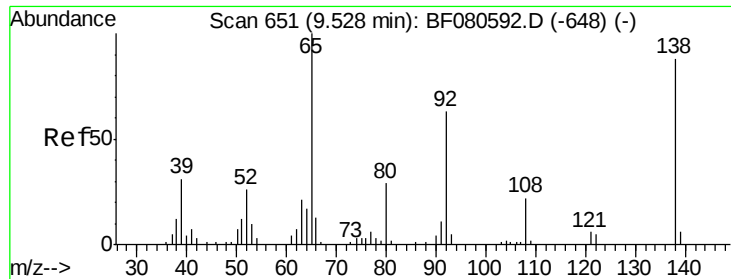


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

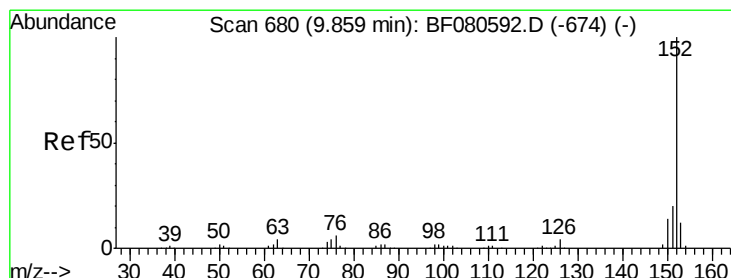
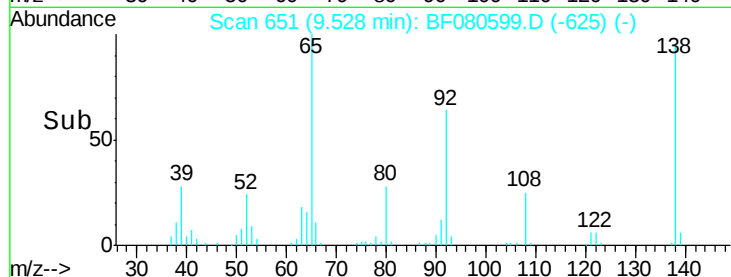
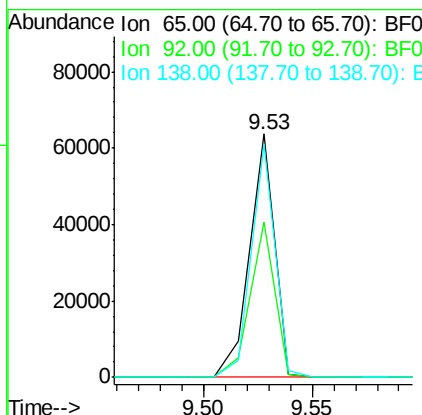
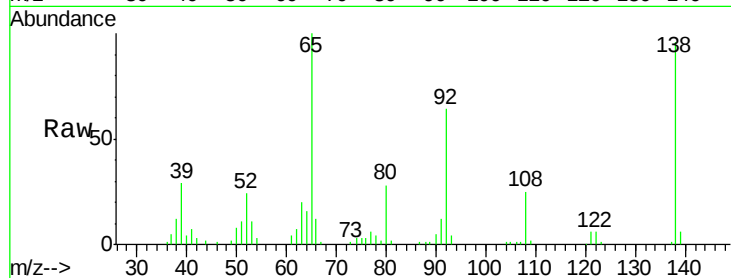




#47
2-Nitroaniline
Concen: 36.88 ng
RT: 9.53 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

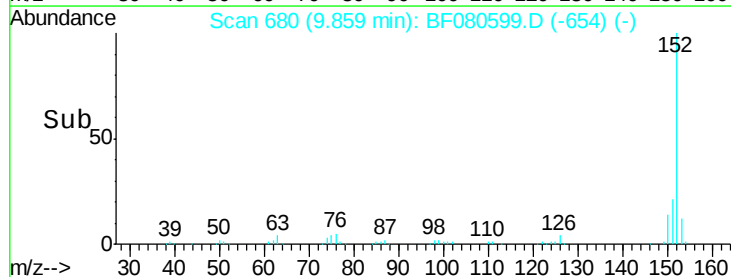
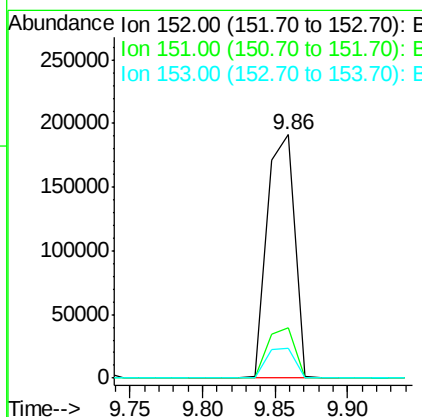
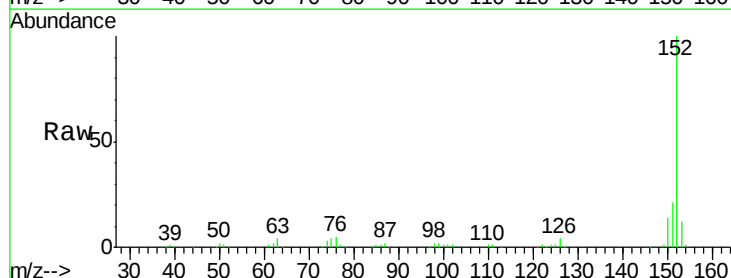
Instrument :
BNA_F
ClientSampleId :
PB84631BS

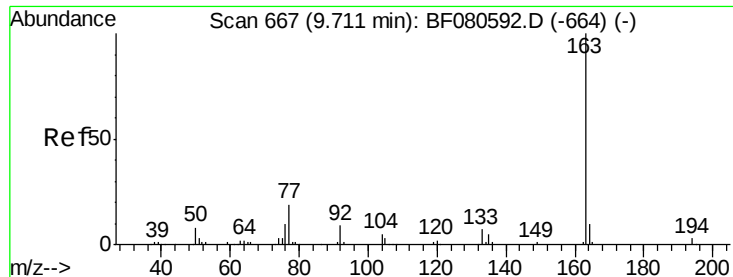
Tgt Ion: 65 Resp: 50794
Ion Ratio Lower Upper
65 100
92 63.7 48.7 73.1
138 96.0 66.8 100.2



#48
Acenaphthylene
Concen: 37.48 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion: 152 Resp: 250733
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 12.0 9.7 14.5

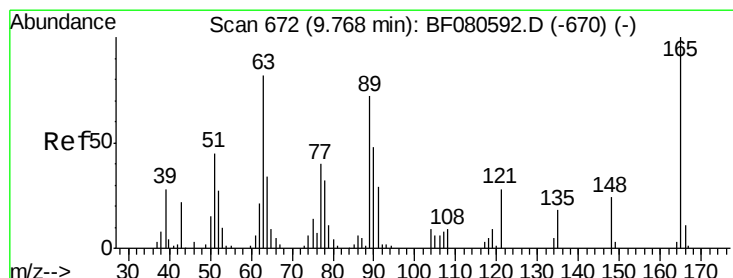
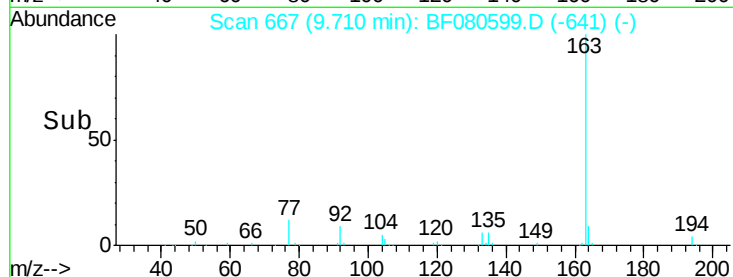
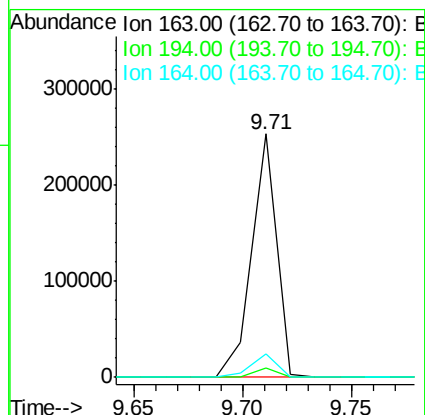
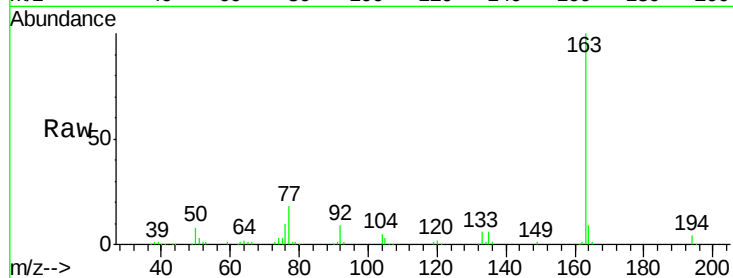




#49
Dimethylphthalate
Concen: 39.80 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

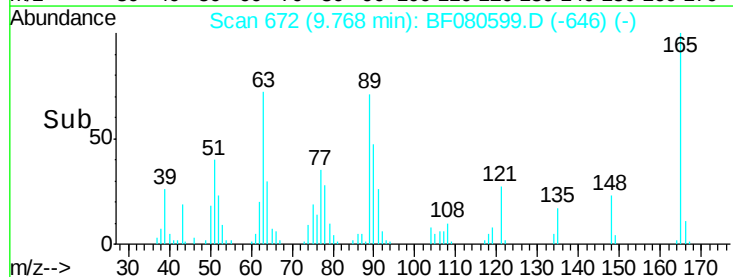
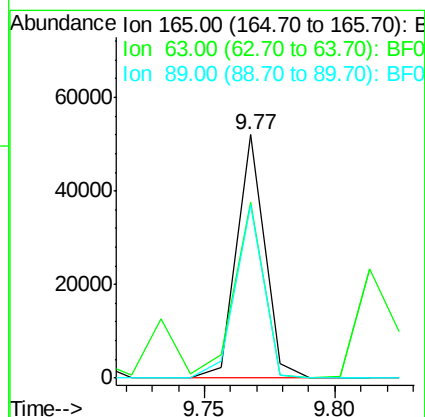
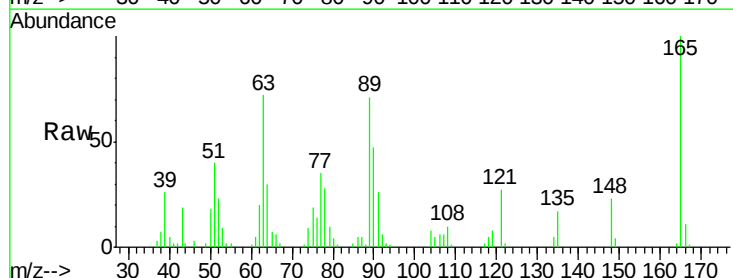
Instrument :
BNA_F
ClientSampleId :
PB84631BS

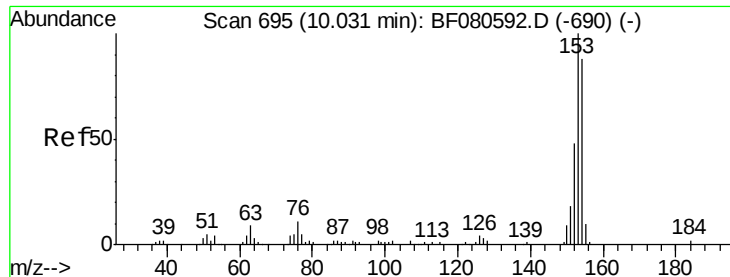
Tgt Ion:163 Resp: 200810
Ion Ratio Lower Upper
163 100
194 3.7 2.5 3.7
164 9.4 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 41.61 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion:165 Resp: 39270
Ion Ratio Lower Upper
165 100
63 72.1 59.0 88.6
89 71.0 56.9 85.3





#51

Acenaphthene

Concen: 41.40 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

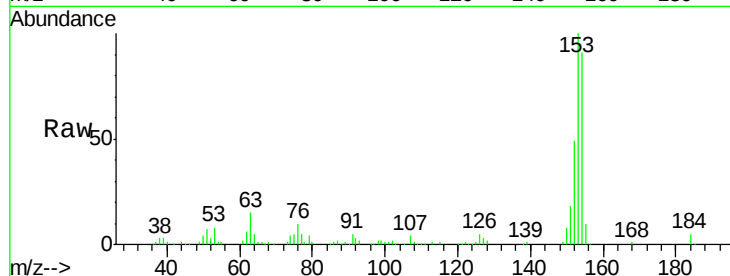
Tgt Ion:154 Resp: 166370

Ion Ratio Lower Upper

154 100

153 109.7 92.2 138.2

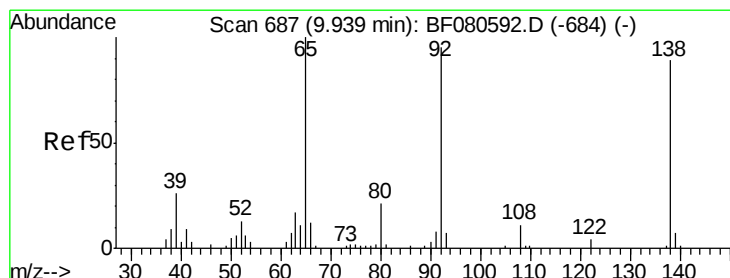
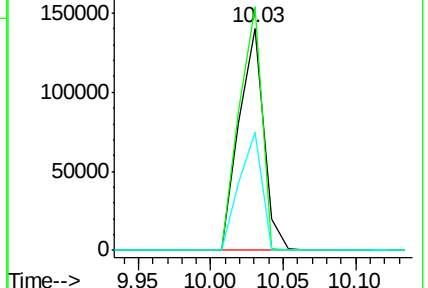
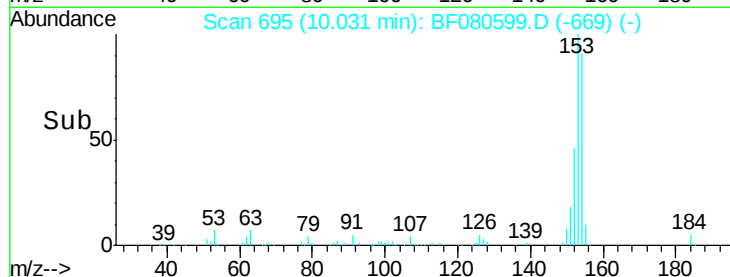
152 53.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.97 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

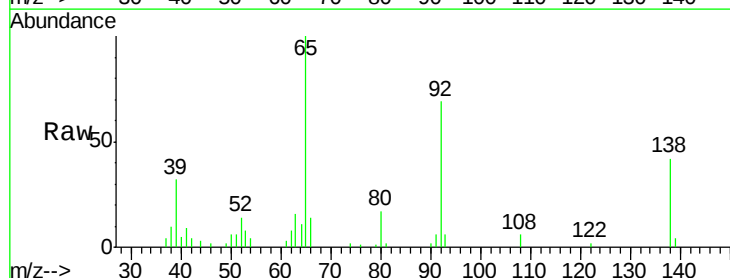
Tgt Ion:138 Resp: 16391

Ion Ratio Lower Upper

138 100

108 13.9 13.7 20.5

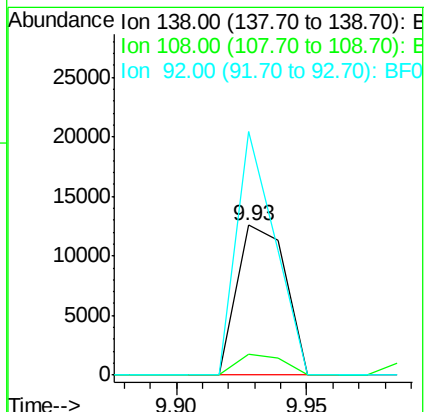
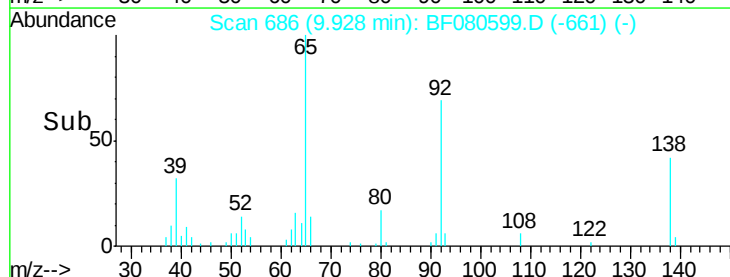
92 162.3 81.0 121.4#

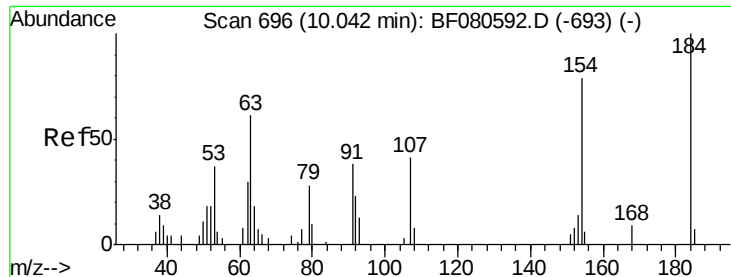


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

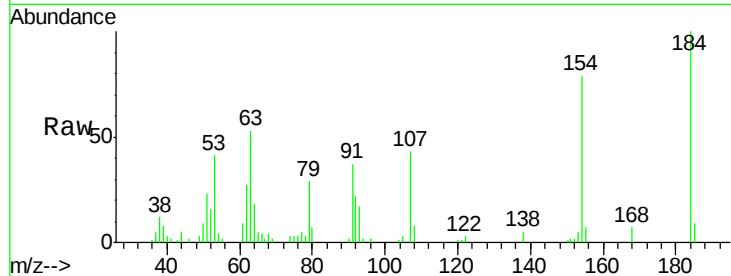




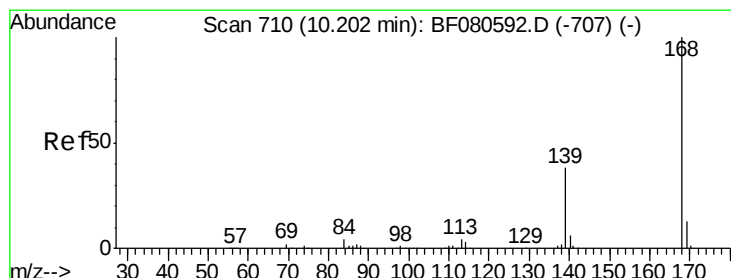
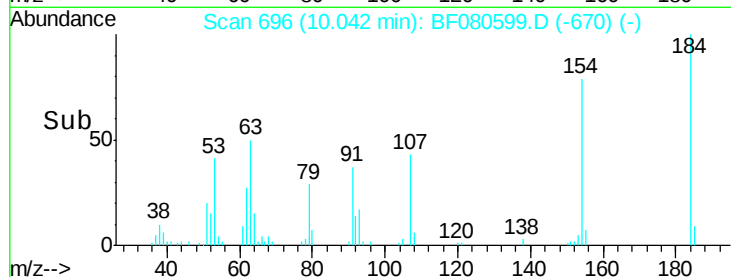
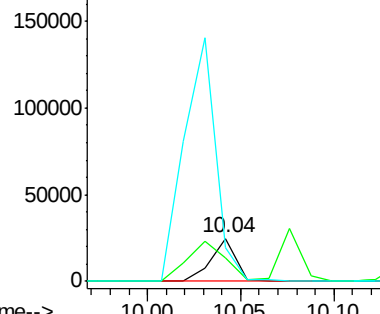
#53
 2,4-Dinitrophenol
 Concen: 71.75 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Tgt Ion:184 Resp: 23516
 Ion Ratio Lower Upper
 184 100
 63 53.5 54.9 82.3#
 154 79.1 94.2 141.4#

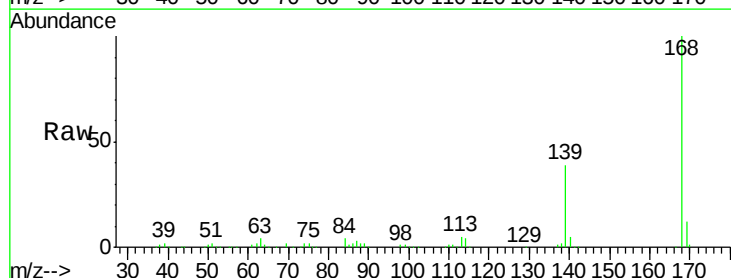


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

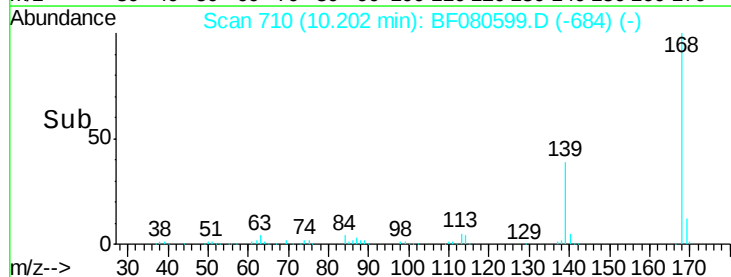
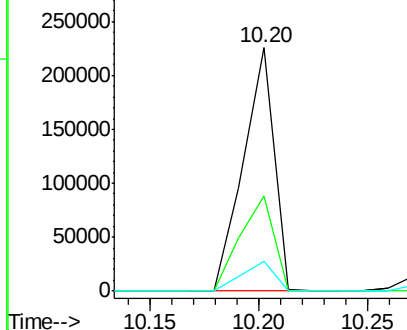


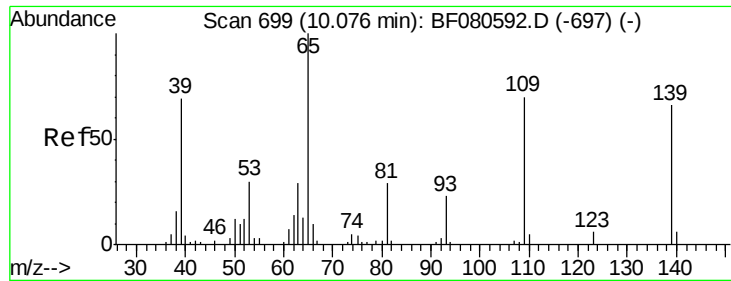
#54
 Dibenzofuran
 Concen: 38.14 ng
 RT: 10.20 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion:168 Resp: 221547
 Ion Ratio Lower Upper
 168 100
 139 39.1 30.7 46.1
 169 12.5 9.8 14.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

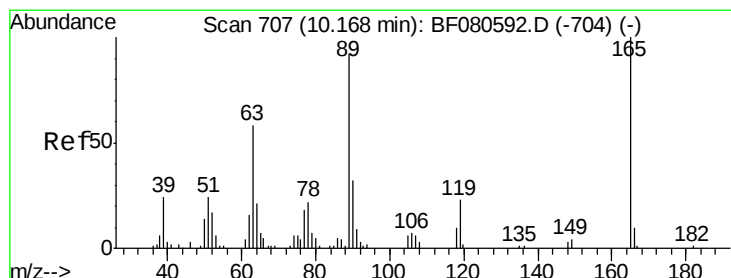
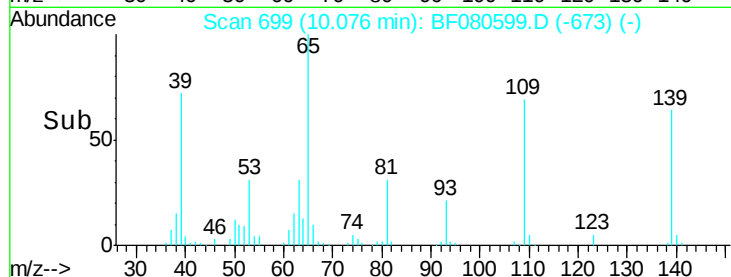
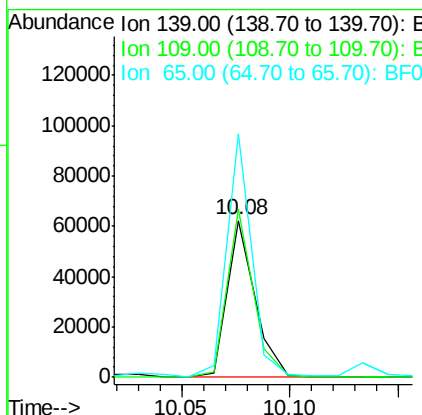
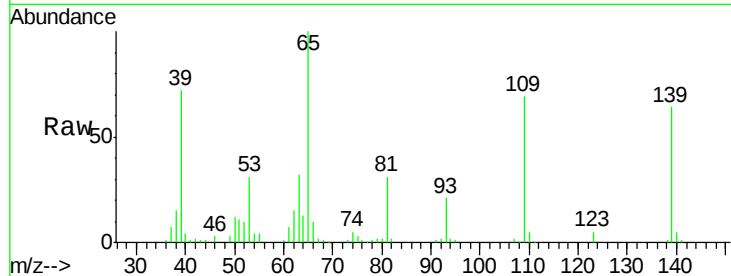




#55
4-Nitrophenol
Concen: 74.48 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

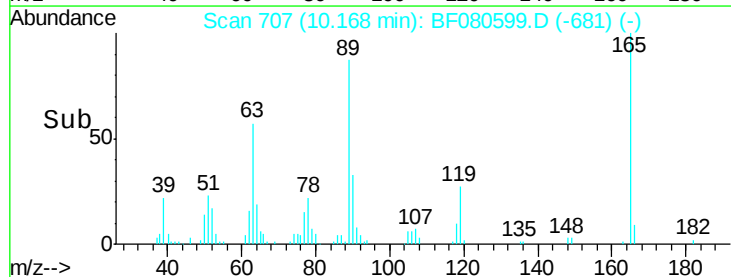
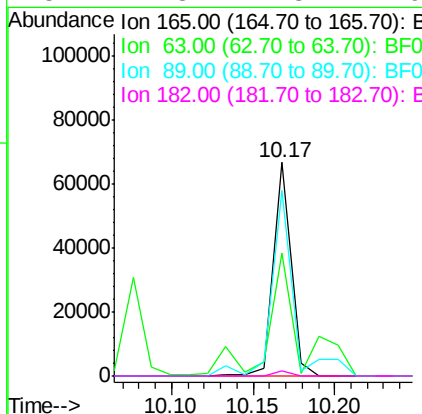
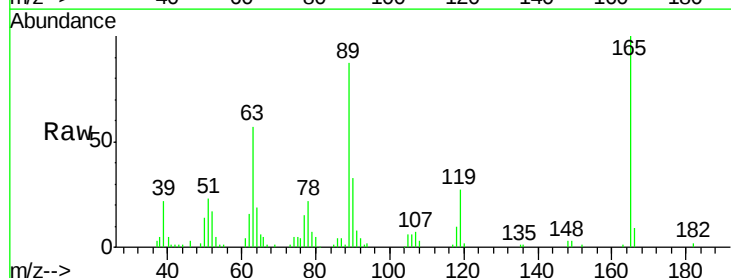
Instrument :
BNA_F
ClientSampleId :
PB84631BS

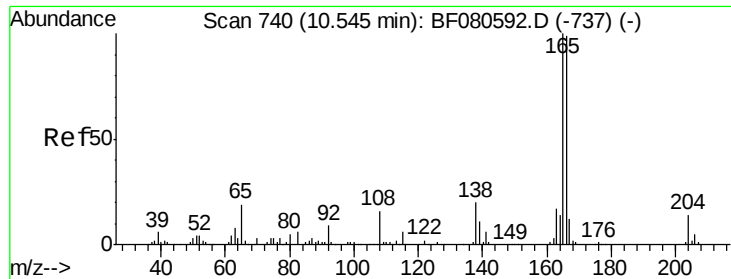
Tgt Ion:139 Resp: 55224
Ion Ratio Lower Upper
139 100
109 107.2 75.9 115.9
65 155.2 109.4 149.4#



#56
2,4-Dinitrotoluene
Concen: 43.03 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion:165 Resp: 50867
Ion Ratio Lower Upper
165 100
63 57.3 48.1 72.1
89 86.9 77.4 116.0
182 2.3 1.3 1.9#





#57

Fluorene

Concen: 37.94 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

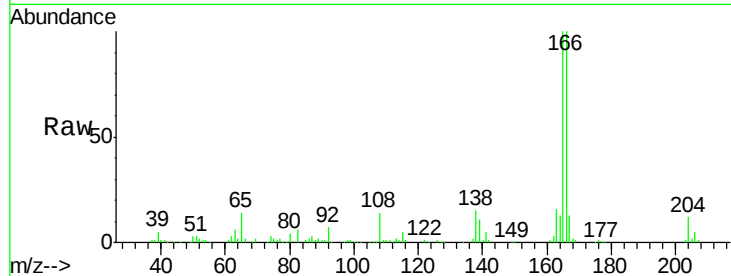
Tgt Ion:166 Resp: 176927

Ion Ratio Lower Upper

166 100

165 99.6 77.7 116.5

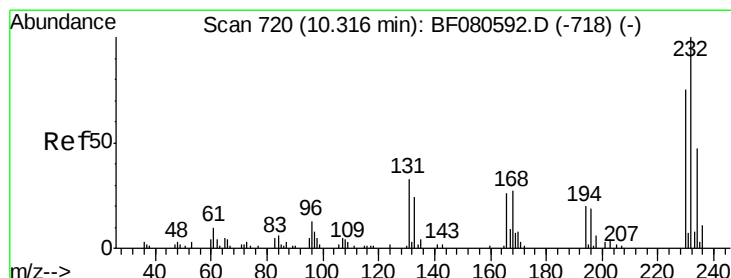
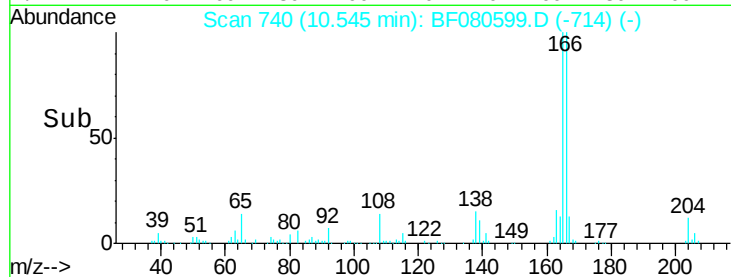
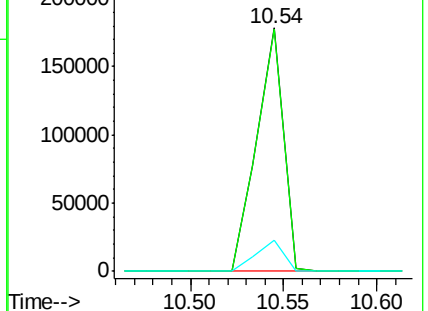
167 12.6 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.99 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Tgt Ion:232 Resp: 41875

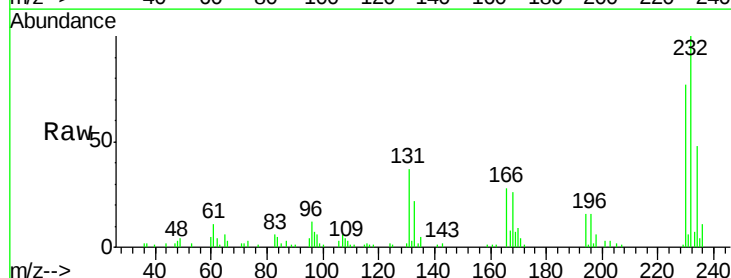
Ion Ratio Lower Upper

232 100

131 54.6 41.4 62.0

130 3.1 1.9 2.9#

166 36.1 25.7 38.5

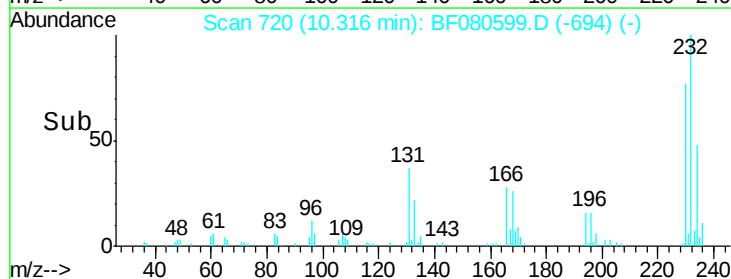
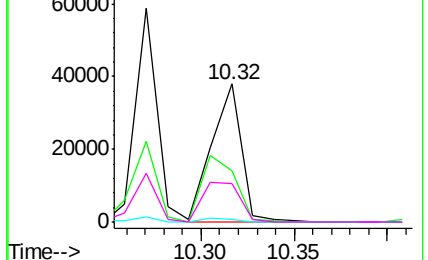


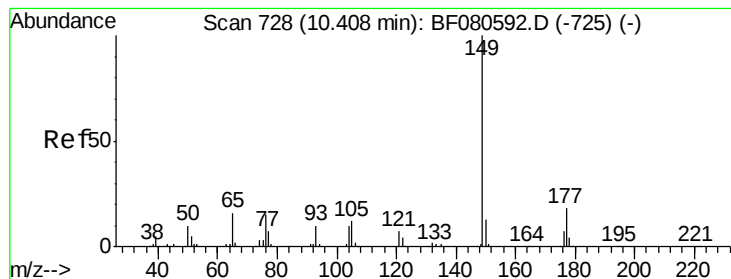
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.81 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

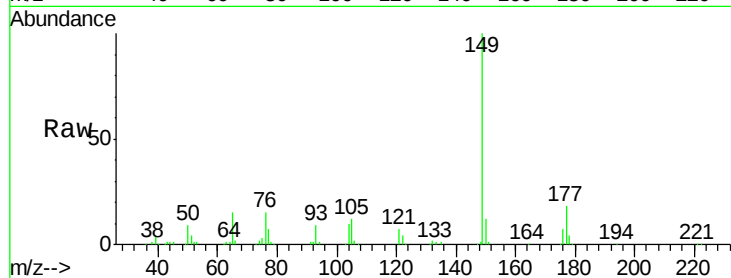
Tgt Ion:149 Resp: 178070

Ion Ratio Lower Upper

149 100

177 17.7 14.9 22.3

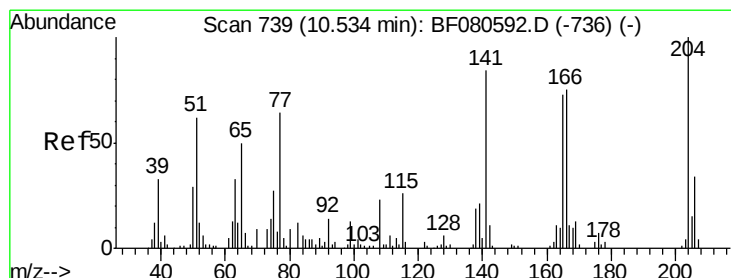
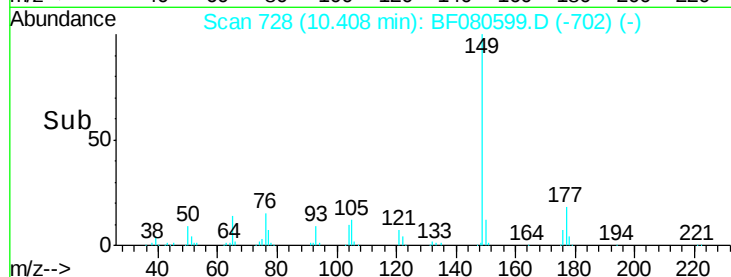
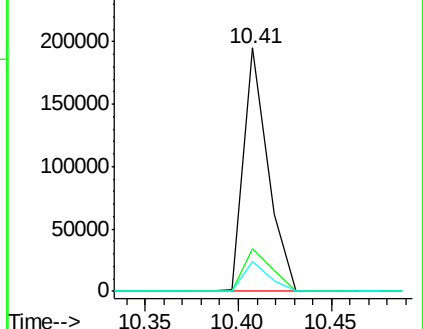
150 12.4 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.20 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

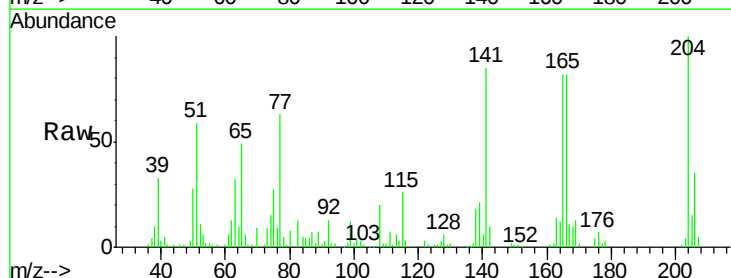
Tgt Ion:204 Resp: 79999

Ion Ratio Lower Upper

204 100

206 35.2 27.1 40.7

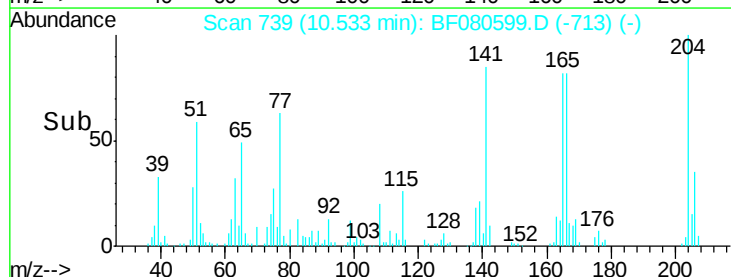
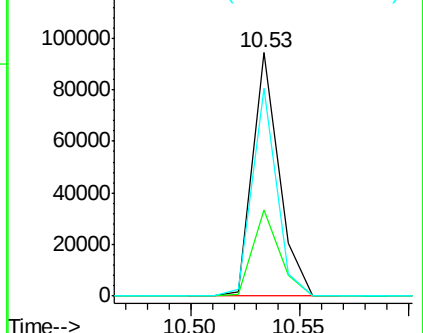
141 85.3 68.3 102.5

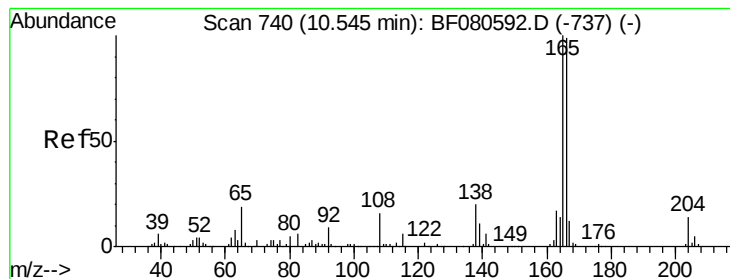


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 29.41 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

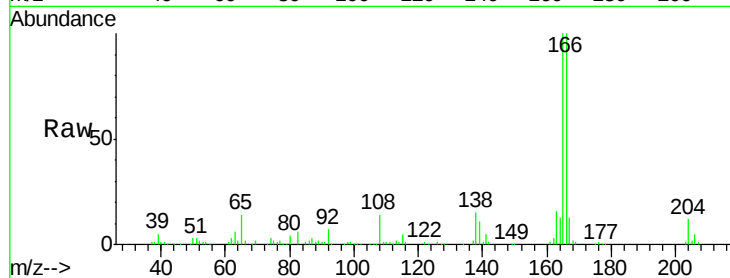
Tgt Ion:138 Resp: 30400

Ion Ratio Lower Upper

138 100

92 44.3 22.6 62.6

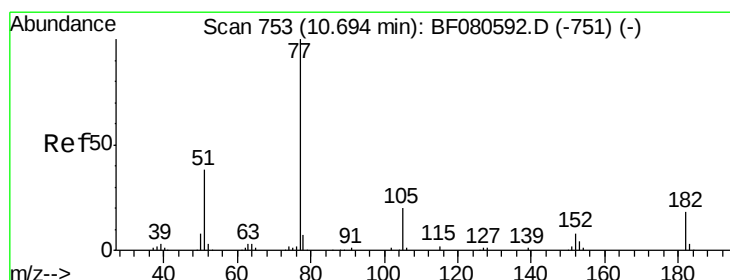
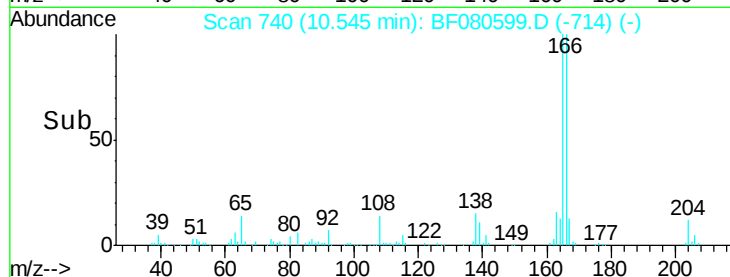
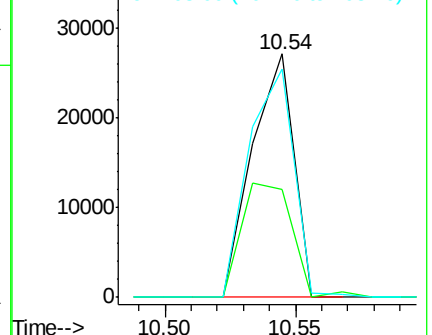
108 93.8 62.0 102.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.49 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Tgt Ion: 77 Resp: 189852

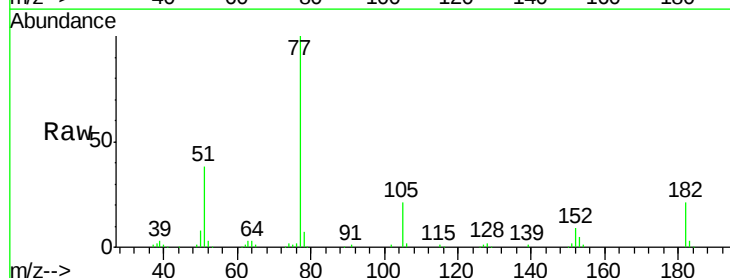
Ion Ratio Lower Upper

77 100

182 21.3 0.0 37.8

105 20.9 0.1 40.1

51 37.9 18.8 58.8

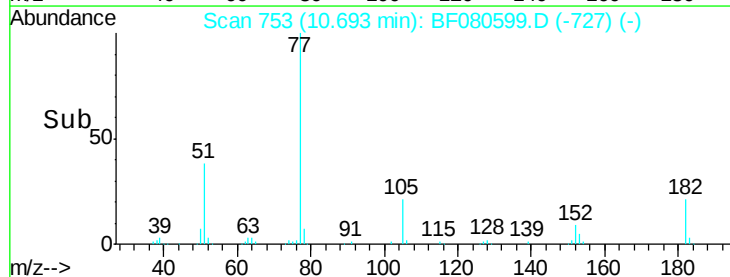
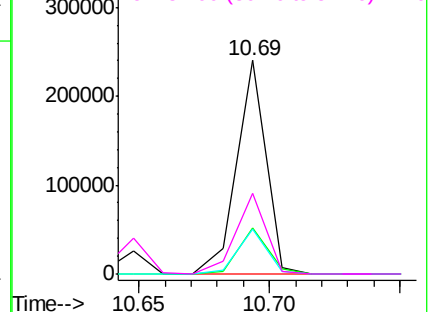


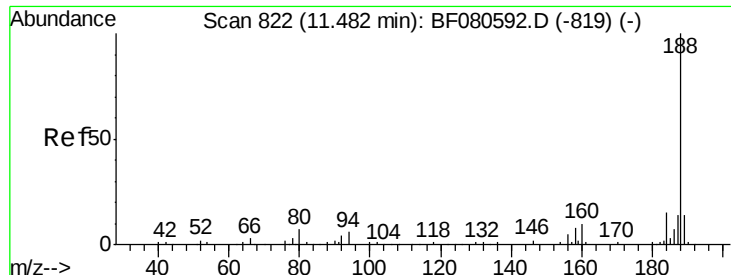
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

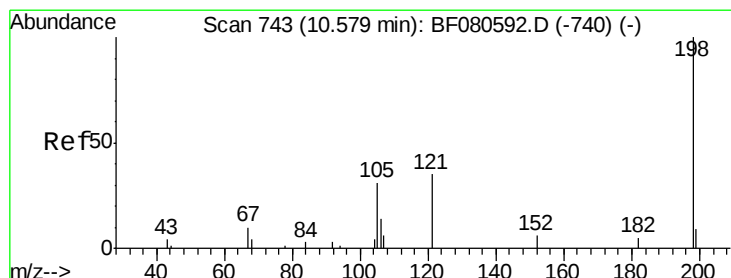
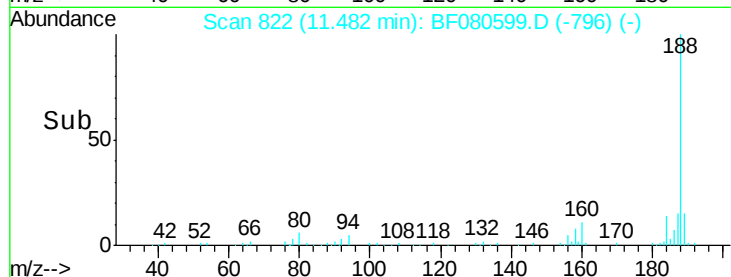
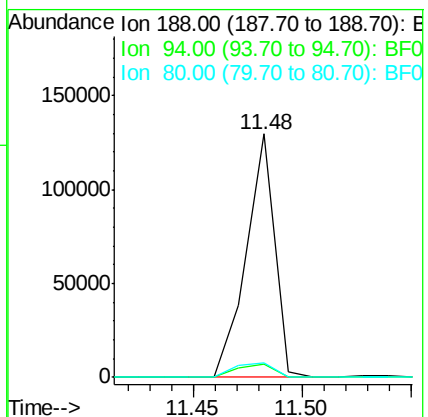
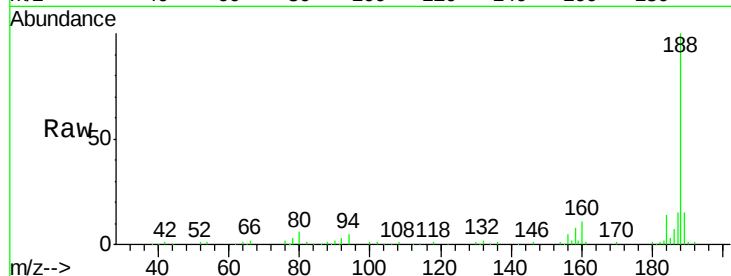




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

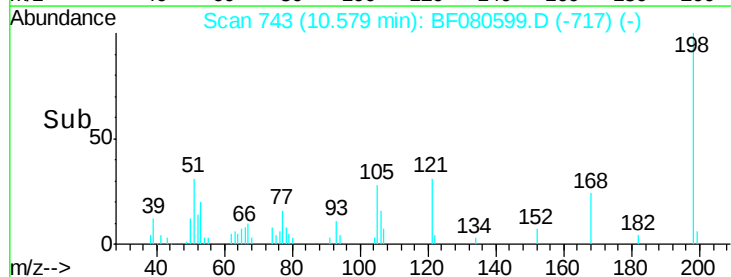
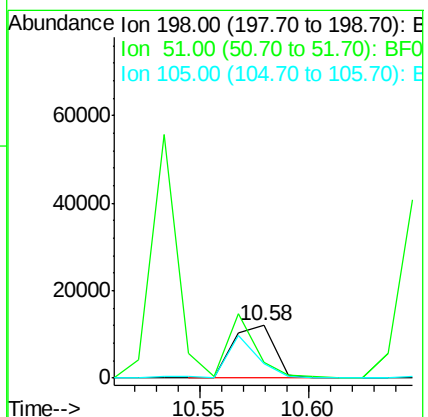
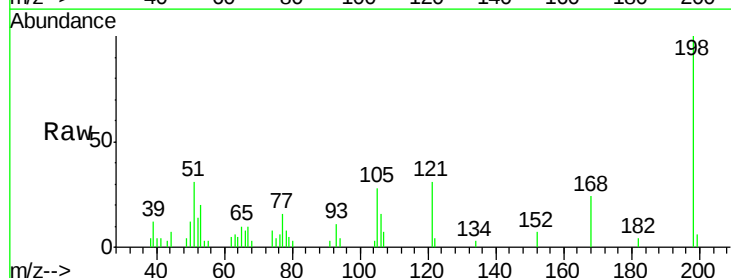
Instrument :
BNA_F
ClientSampleId :
PB84631BS

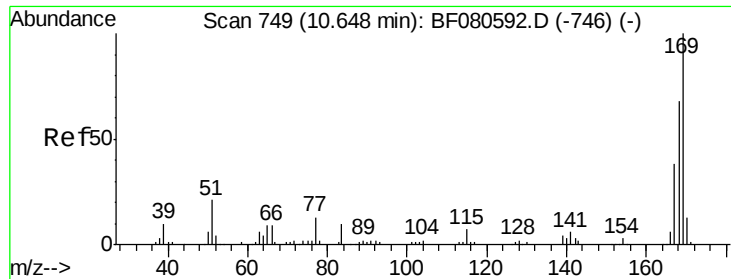
Tgt Ion:188 Resp: 117365
Ion Ratio Lower Upper
188 100
94 5.5 6.1 9.1#
80 5.9 7.0 10.6#



#64
4,6-Dinitro-2-methylphenol
Concen: 42.77 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion:198 Resp: 15765
Ion Ratio Lower Upper
198 100
51 30.7 32.0 72.0#
105 27.5 16.3 56.3

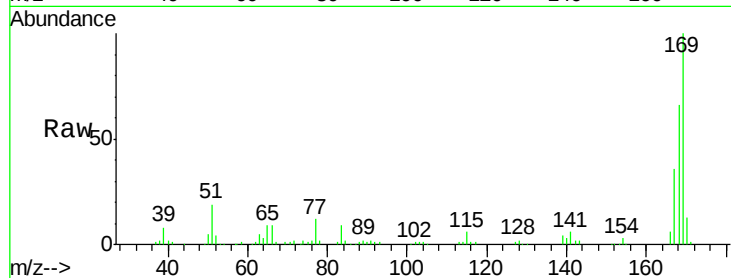




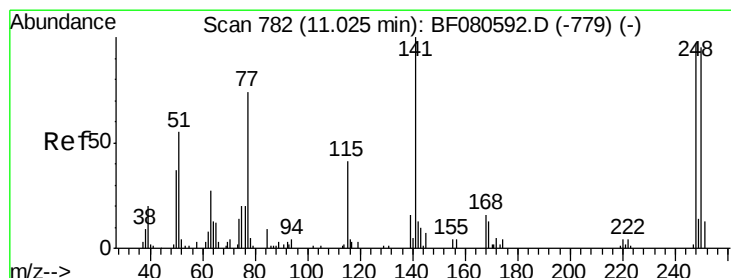
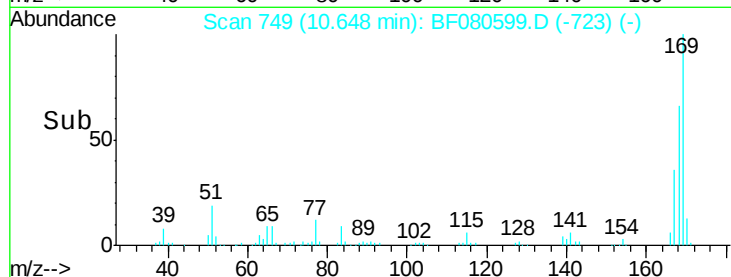
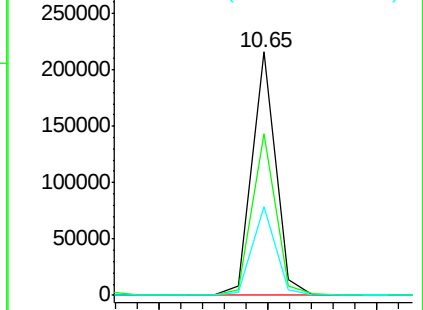
#65
 n-Nitrosodiphenylamine
 Concen: 42.36 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Tgt Ion:169 Resp: 163122
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.3 79.9
 167 36.3 29.8 44.6

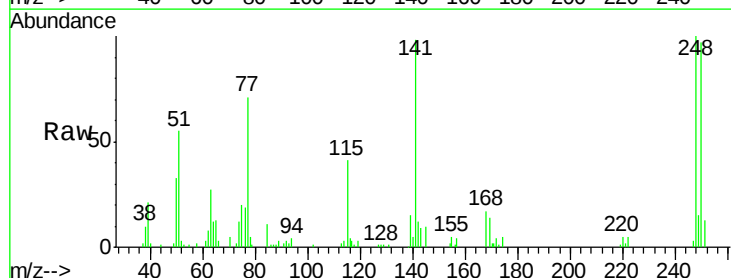


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

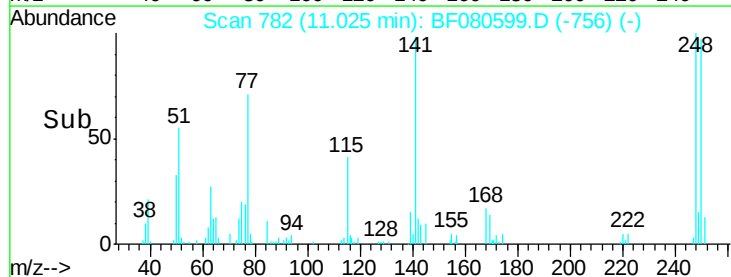
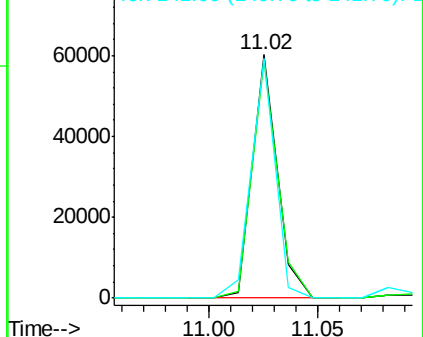


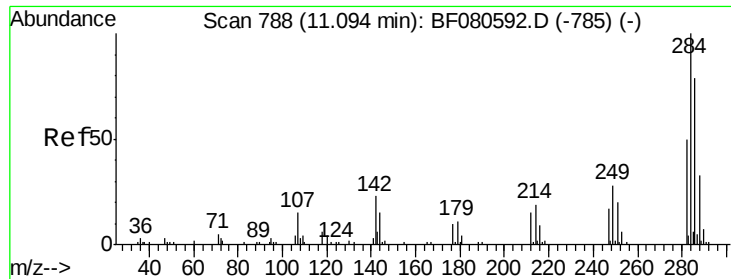
#66
 4-Bromophenyl-phenylether
 Concen: 40.34 ng
 RT: 11.02 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion:248 Resp: 48122
 Ion Ratio Lower Upper
 248 100
 250 97.5 75.4 113.2
 141 98.4 93.4 140.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.24 ng

RT: 11.09 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

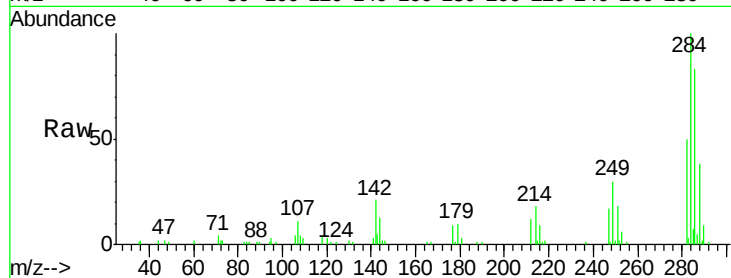
Tgt Ion:284 Resp: 51507

Ion Ratio Lower Upper

284 100

142 20.9 22.4 33.6#

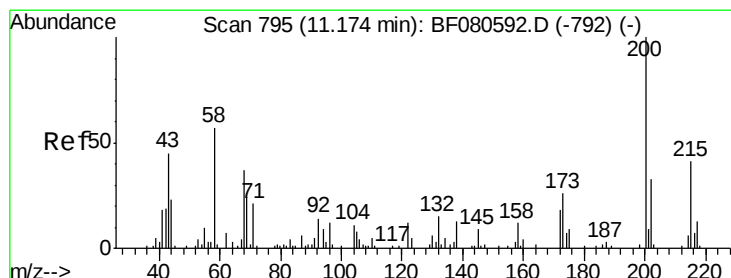
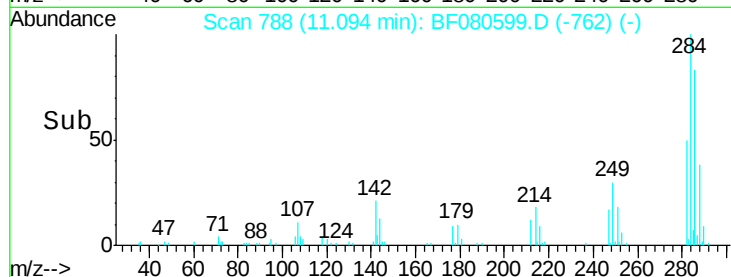
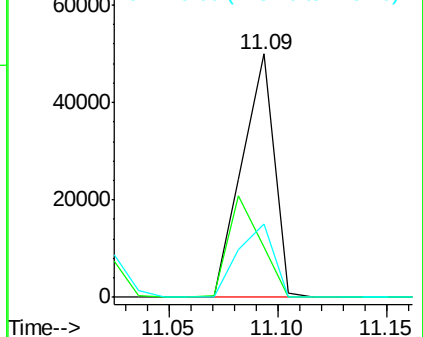
249 30.3 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.08 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

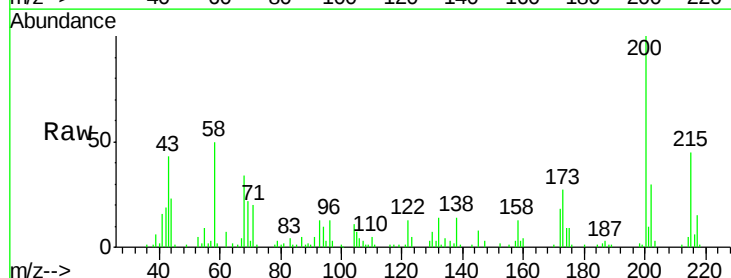
Tgt Ion:200 Resp: 48754

Ion Ratio Lower Upper

200 100

173 26.9 4.6 44.6

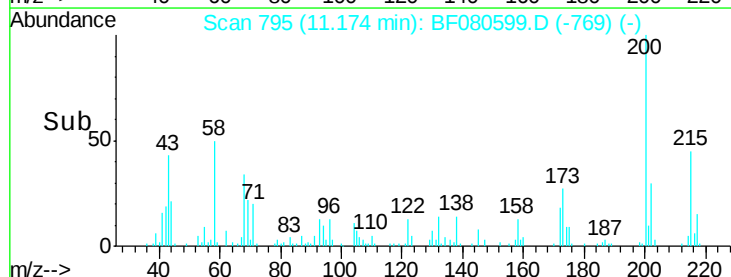
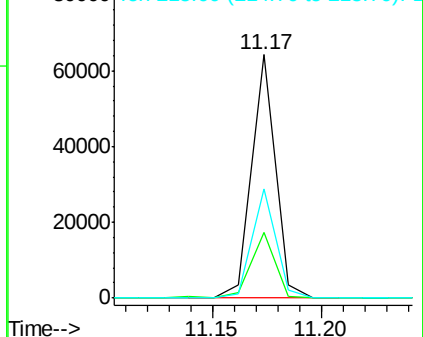
215 44.7 22.9 62.9

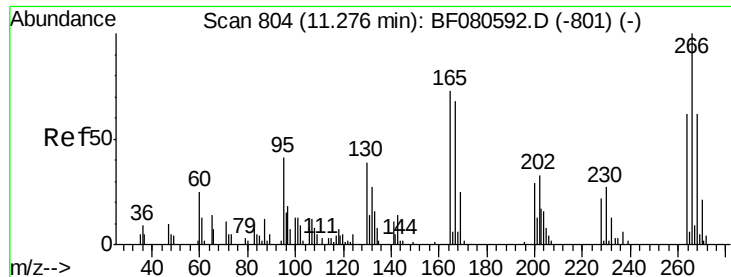


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

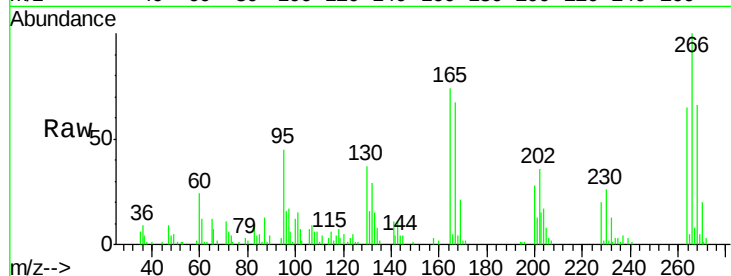




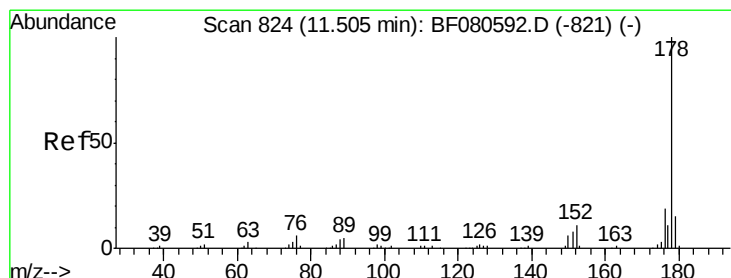
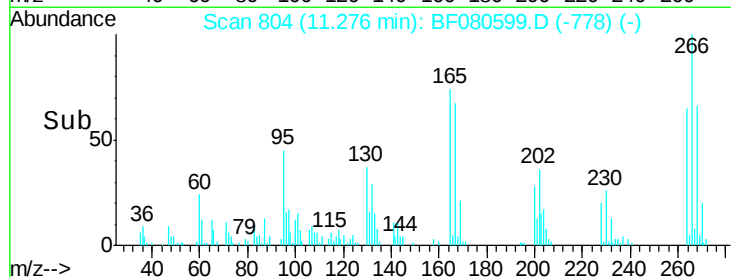
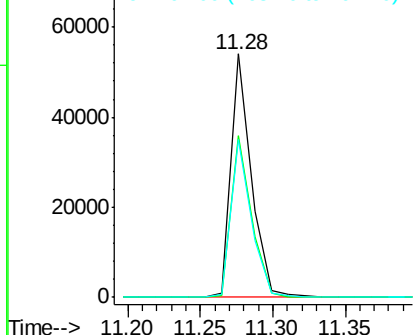
#69
 Pentachlorophenol
 Concen: 83.44 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

Tgt Ion:266 Resp: 52447
 Ion Ratio Lower Upper
 266 100
 268 66.2 51.5 77.3
 264 65.0 48.8 73.2

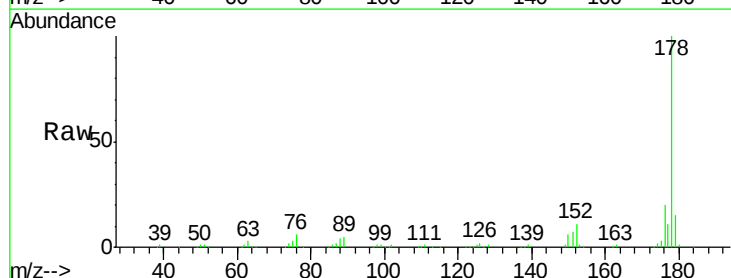


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

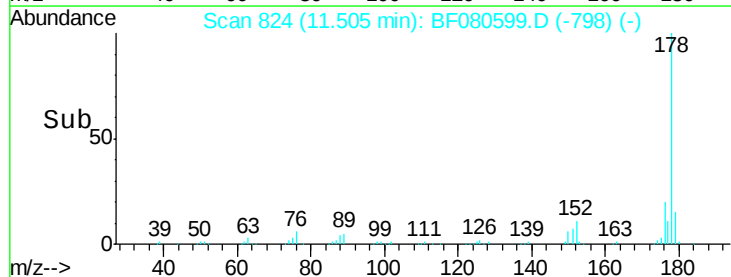
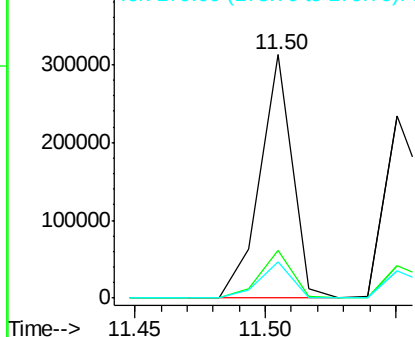


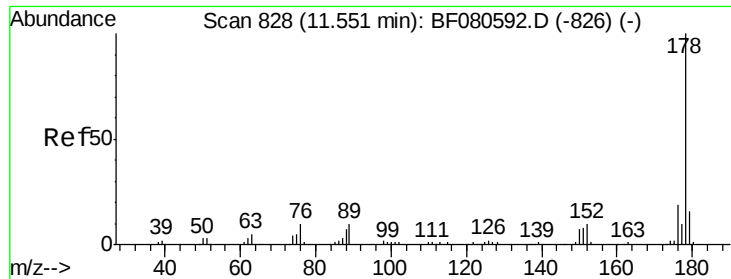
#70
 Phenanthrene
 Concen: 40.25 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion:178 Resp: 266671
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.2 22.8
 179 15.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

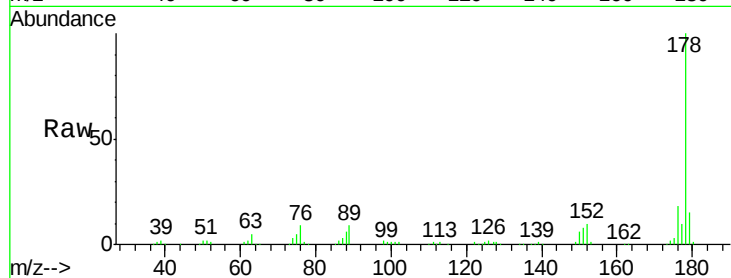




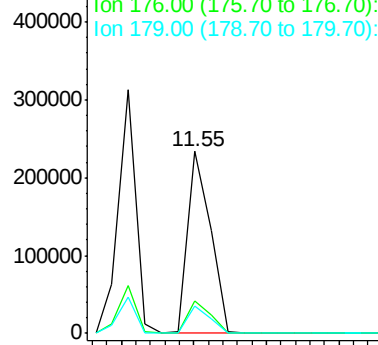
#71
 Anthracene
 Concen: 40.93 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

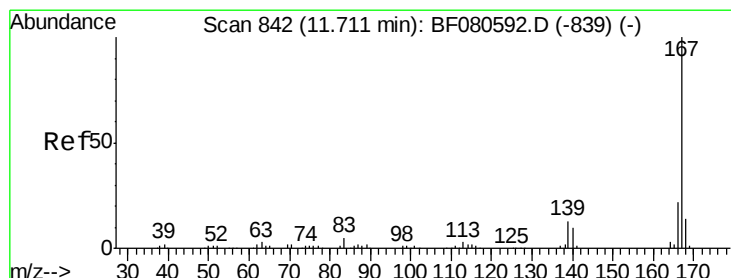
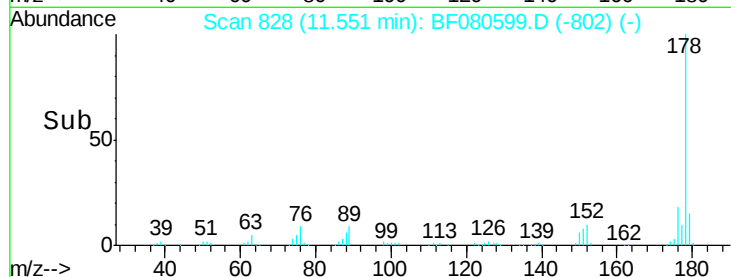
Tgt Ion:178 Resp: 253949
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.1 22.7
 179 15.1 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

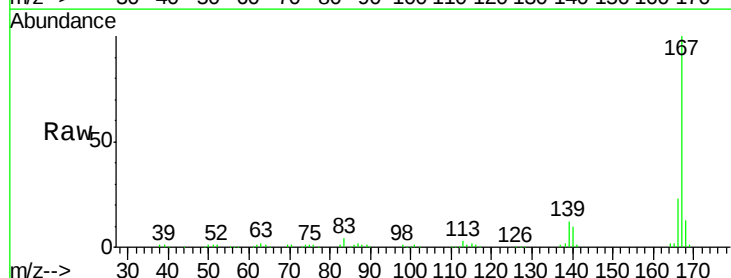


Time-->

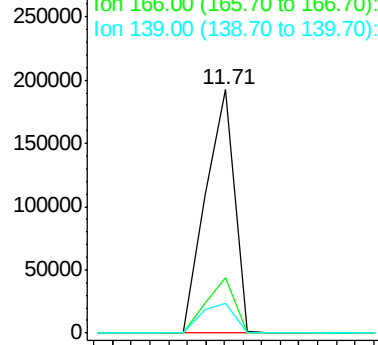


#72
 Carbazole
 Concen: 38.77 ng
 RT: 11.71 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

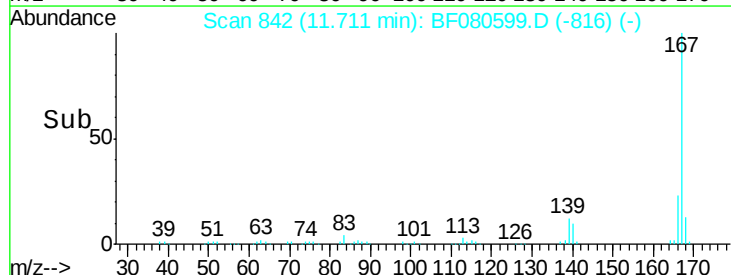
Tgt Ion:167 Resp: 207972
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.1 27.1
 139 12.2 10.7 16.1

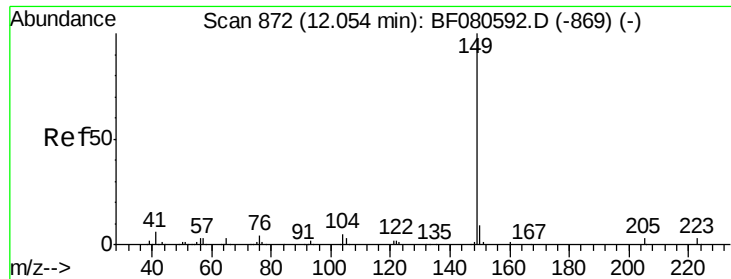


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



Time-->

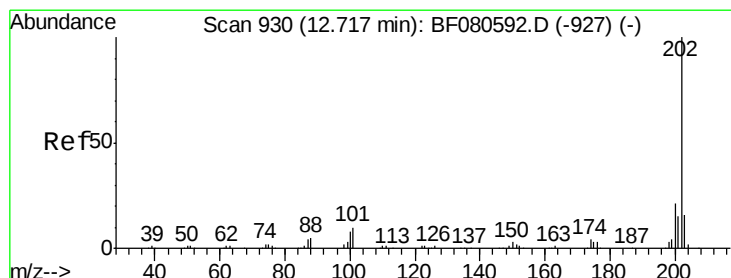
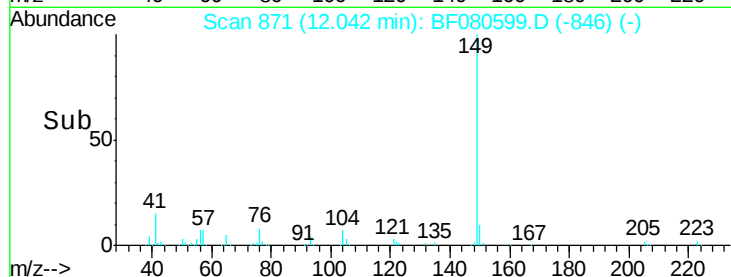
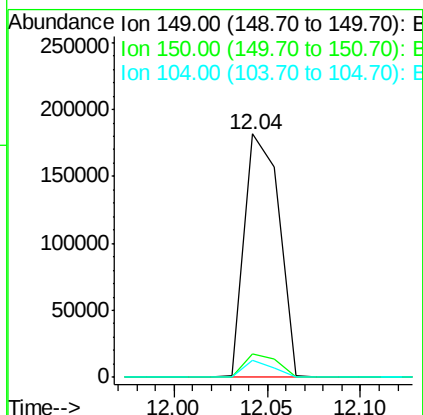
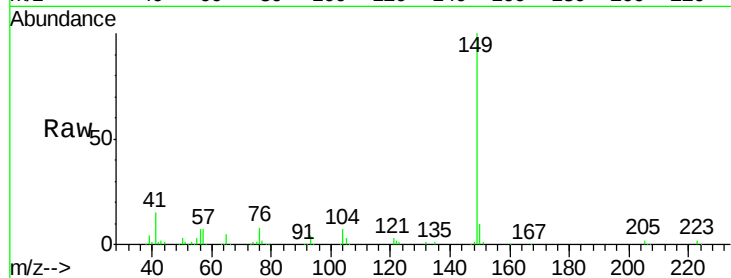




#73
Di-n-butylphthalate
Concen: 37.47 ng
RT: 12.04 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

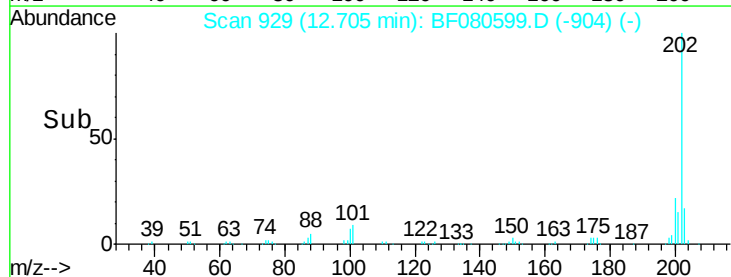
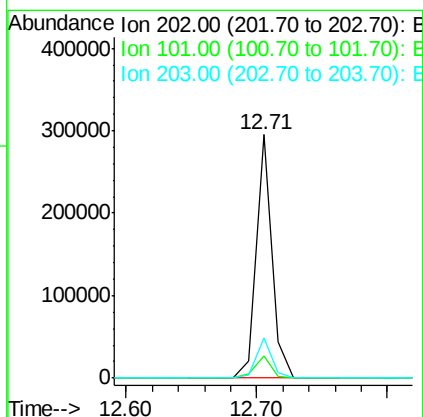
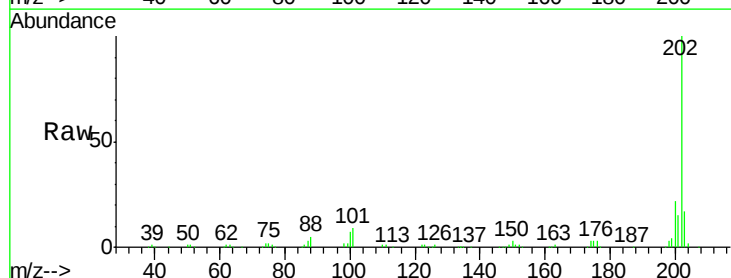
Instrument :
BNA_F
ClientSampleId :
PB84631BS

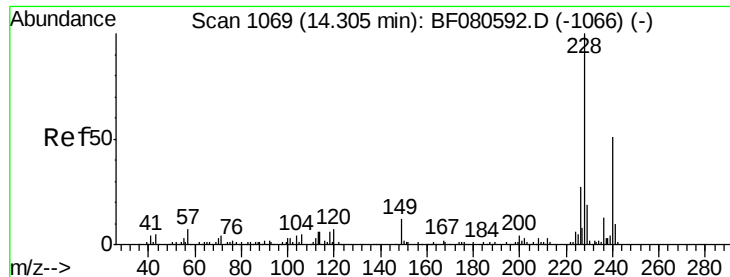
Tgt Ion:149 Resp: 233618
Ion Ratio Lower Upper
149 100
150 9.6 7.2 10.8
104 7.2 3.8 5.8#



#74
Fluoranthene
Concen: 41.82 ng
RT: 12.71 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion:202 Resp: 247928
Ion Ratio Lower Upper
202 100
101 8.9 0.0 31.1
203 16.7 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.26 min Scan# 1065

Delta R.T. -0.05 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

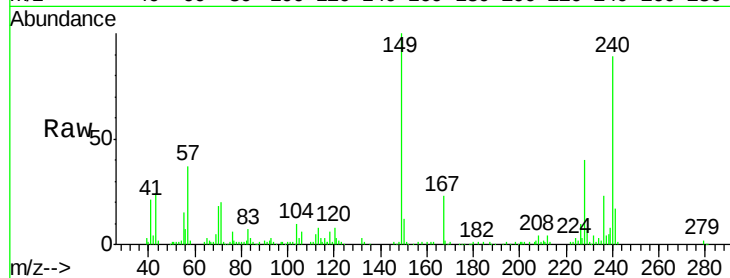
Tgt Ion:240 Resp: 100046

Ion Ratio Lower Upper

240 100

120 9.4 9.9 14.9#

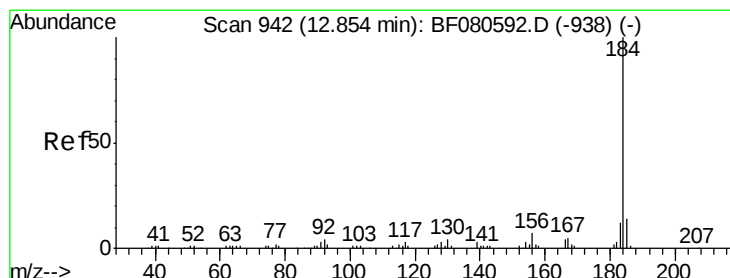
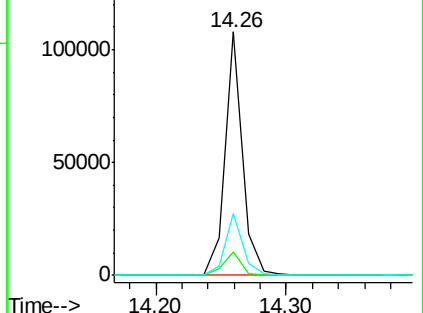
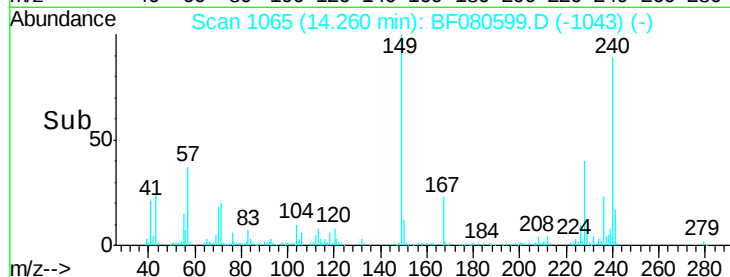
236 25.7 19.1 28.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 12.75 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

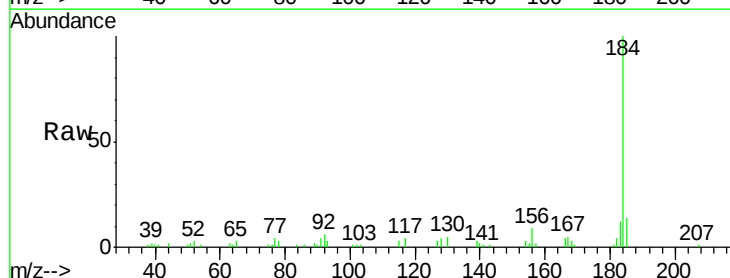
Tgt Ion:184 Resp: 37497

Ion Ratio Lower Upper

184 100

185 13.7 11.2 16.8

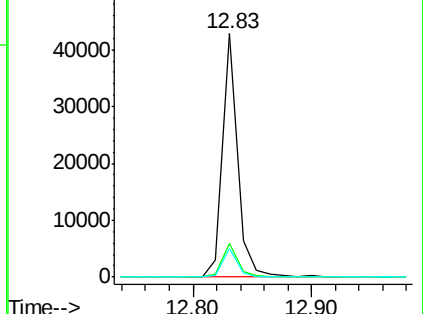
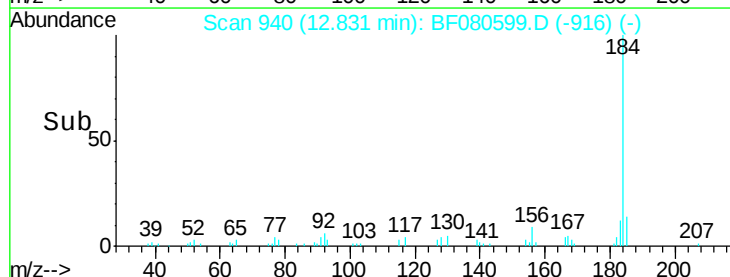
183 11.5 9.6 14.4

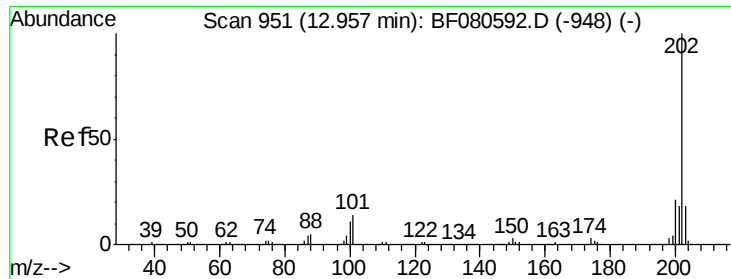


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

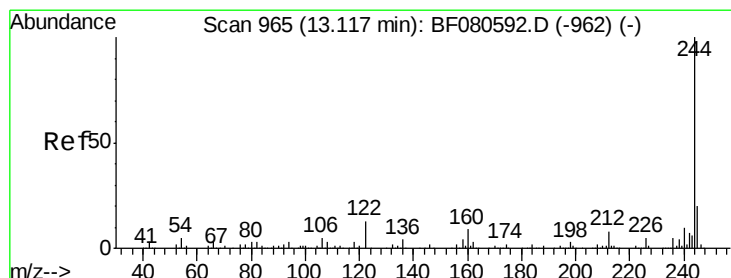
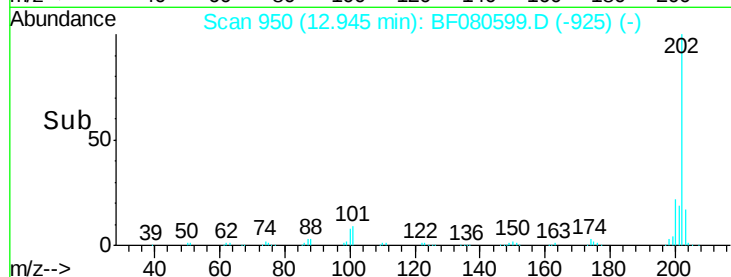
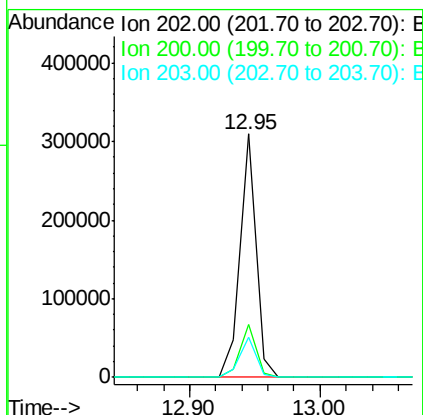
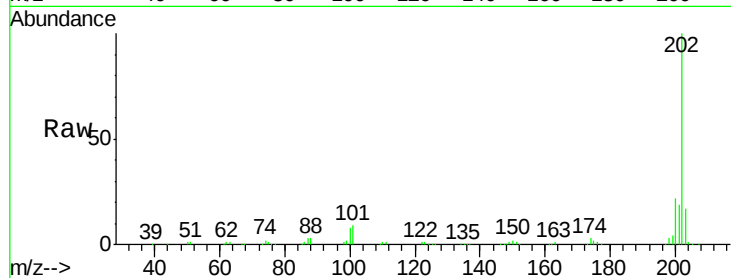




#77
 Pyrene
 Concen: 39.29 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

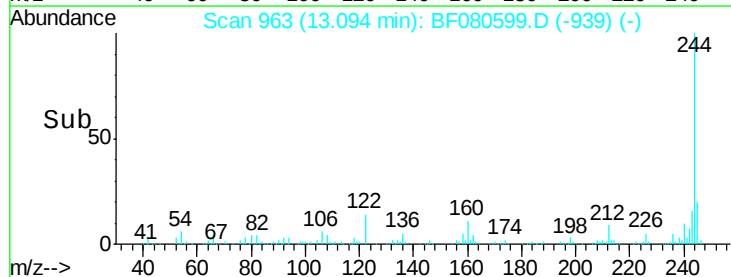
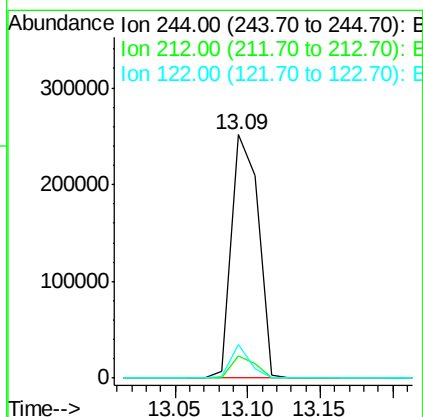
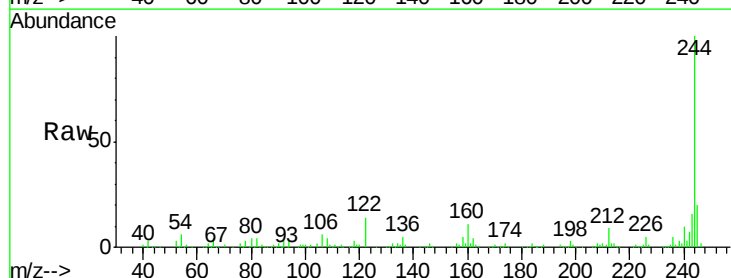
Instrument :
 BNA_F
 ClientSampleId :
 PB84631BS

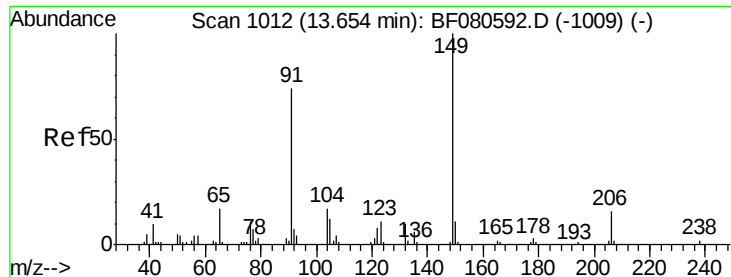
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	16.5	14.5	21.7



#78
 Terphenyl-d14
 Concen: 67.87 ng
 RT: 13.09 min Scan# 963
 Delta R.T. -0.02 min
 Lab File: BF080599.D
 Acq: 23 Jul 2015 18:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.0	9.0#
122	14.0	8.2	12.2#

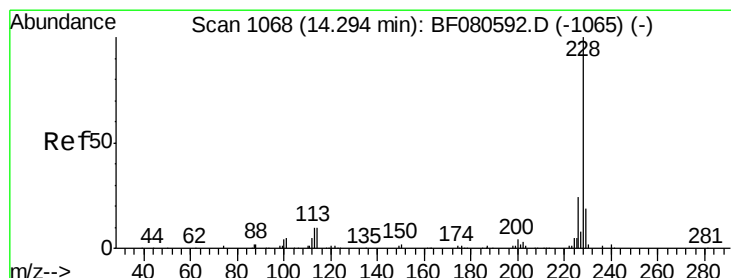
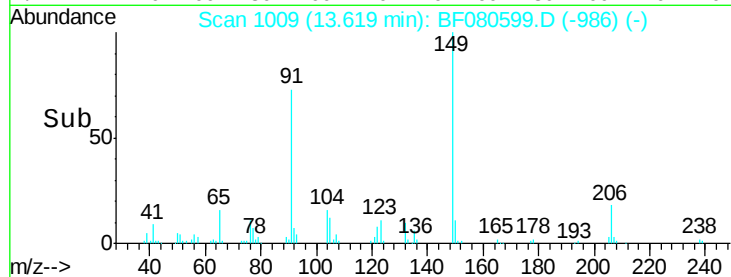
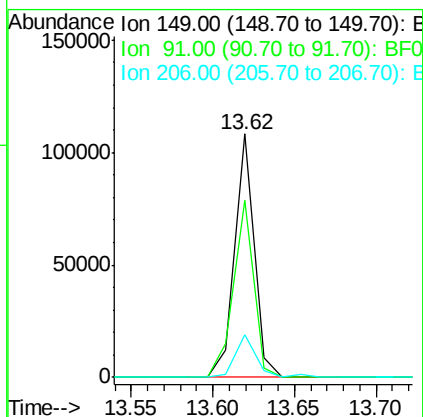
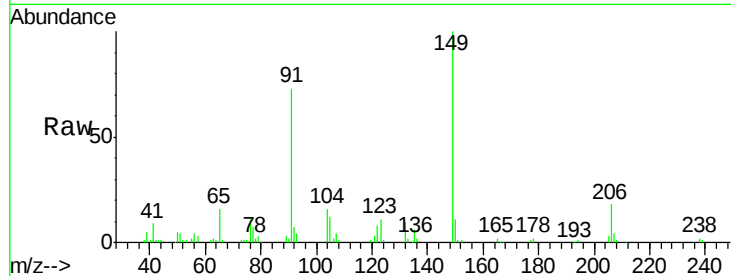




#79
Butylbenzylphthalate
Concen: 38.07 ng
RT: 13.62 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

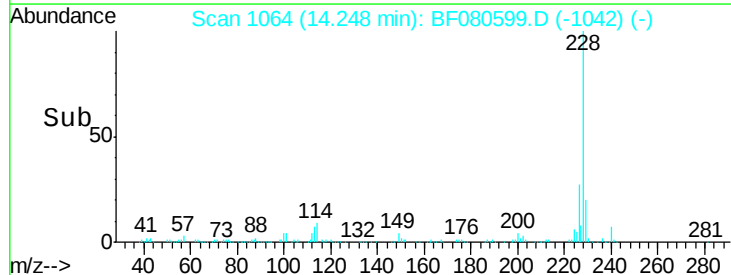
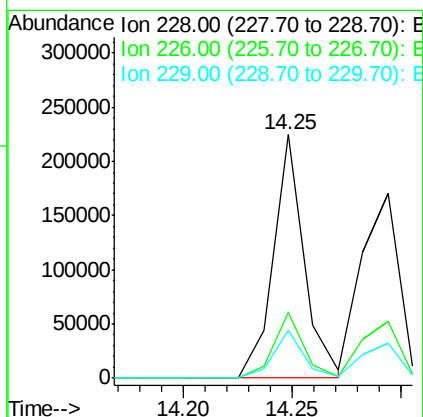
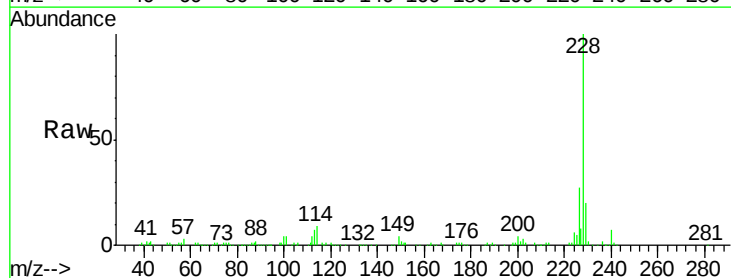
Instrument :
BNA_F
ClientSampleId :
PB84631BS

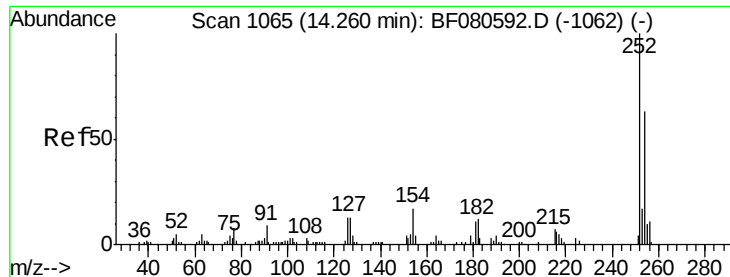
Tgt Ion:149 Resp: 88822
Ion Ratio Lower Upper
149 100
91 72.6 53.0 79.6
206 17.8 15.0 22.6



#80
Benzo(a)anthracene
Concen: 39.55 ng
RT: 14.25 min Scan# 1064
Delta R.T. -0.05 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion:228 Resp: 223093
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.8 15.7 23.5





#81

3,3'-Dichlorobenzidine

Concen: 12.18 ng

RT: 14.21 min Scan# 1061

Delta R.T. -0.05 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

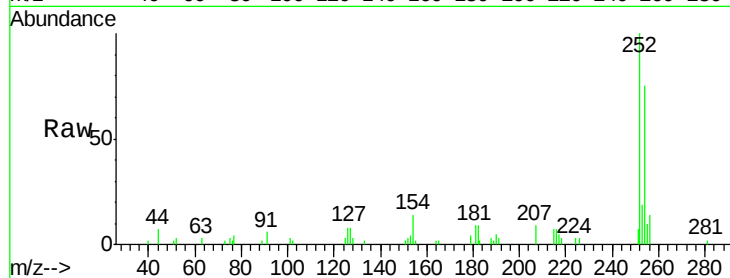
Tgt Ion:252 Resp: 19644

Ion Ratio Lower Upper

252 100

254 75.3 49.2 73.8#

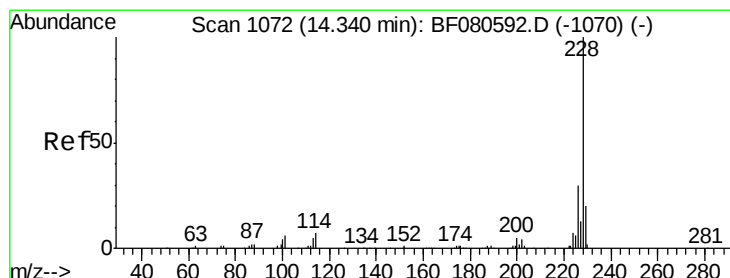
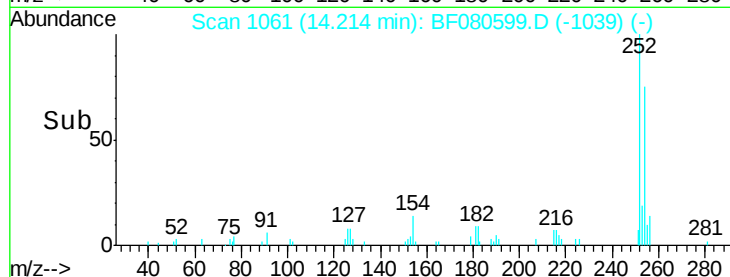
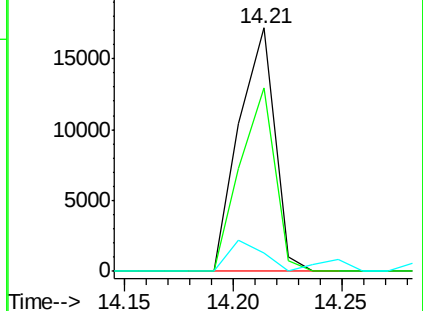
126 7.6 8.1 12.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.23 ng

RT: 14.29 min Scan# 1068

Delta R.T. -0.05 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

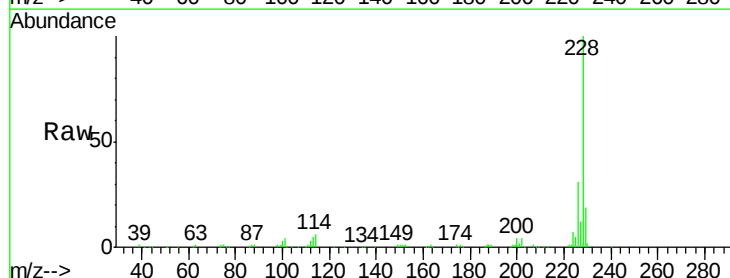
Tgt Ion:228 Resp: 208939

Ion Ratio Lower Upper

228 100

226 30.7 23.0 34.6

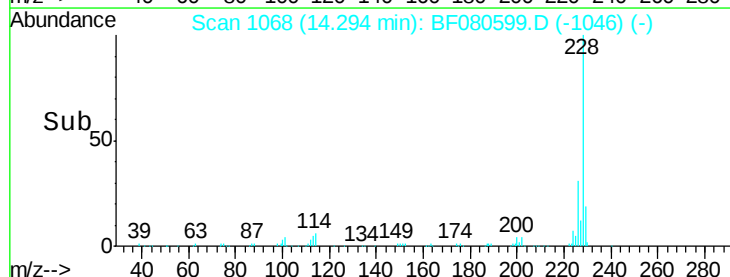
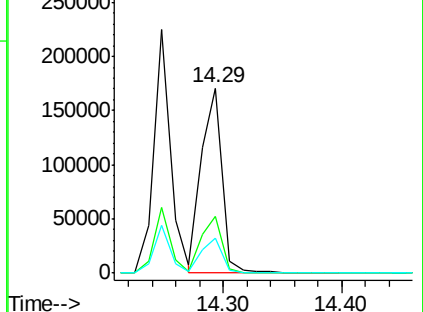
229 18.7 15.0 22.4

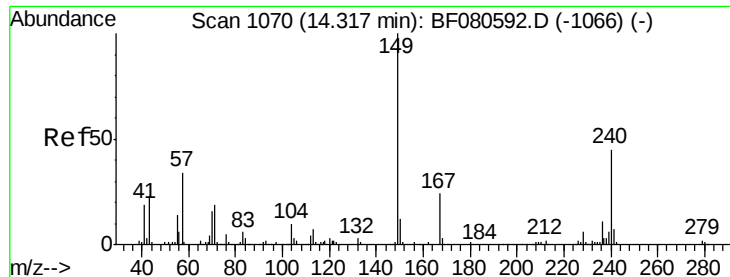


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.43 ng

RT: 14.26 min Scan# 1065

Delta R.T. -0.06 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

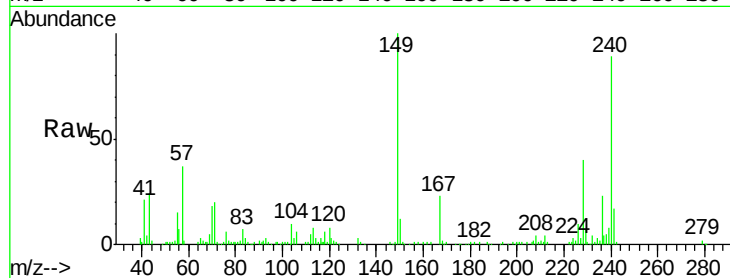
Tgt Ion:149 Resp: 122823

Ion Ratio Lower Upper

149 100

167 23.2 20.2 30.2

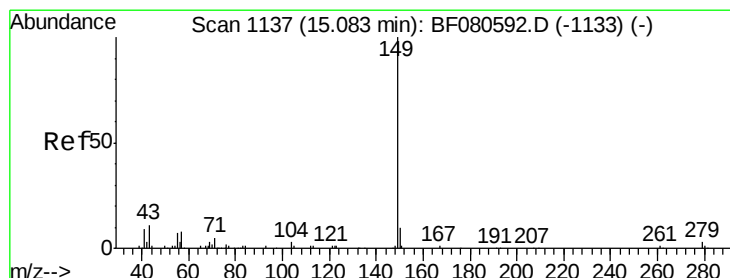
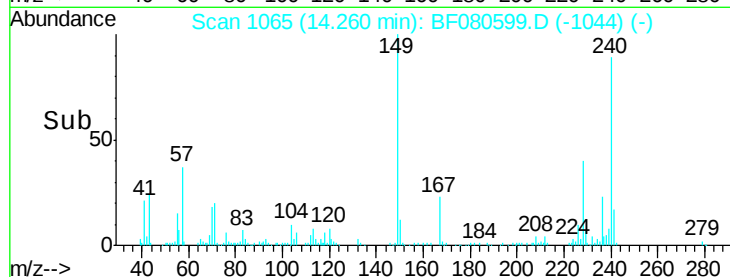
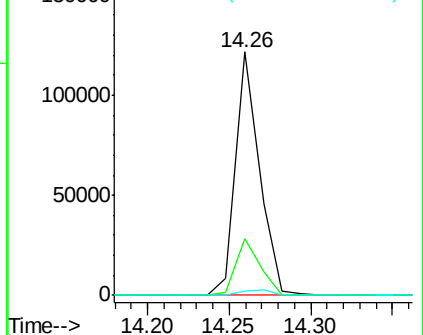
279 2.0 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.61 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.08 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

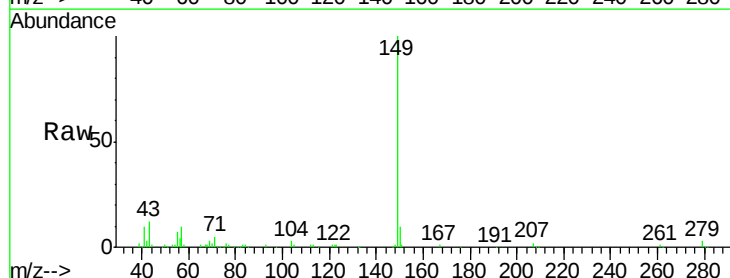
Tgt Ion:149 Resp: 176674

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

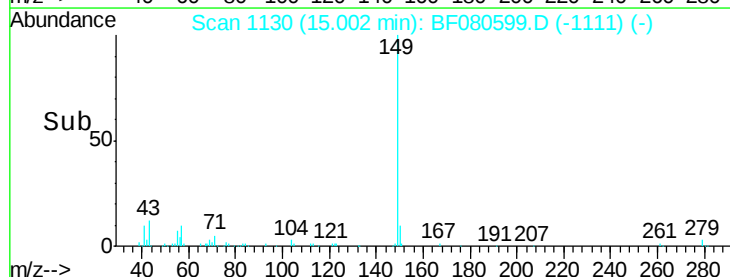
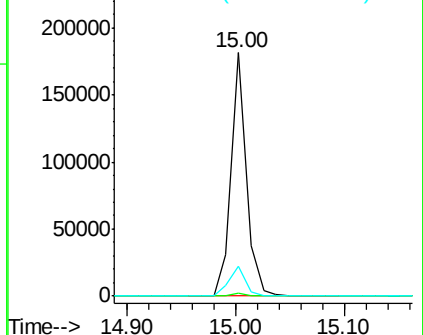
43 13.6 12.5 18.7

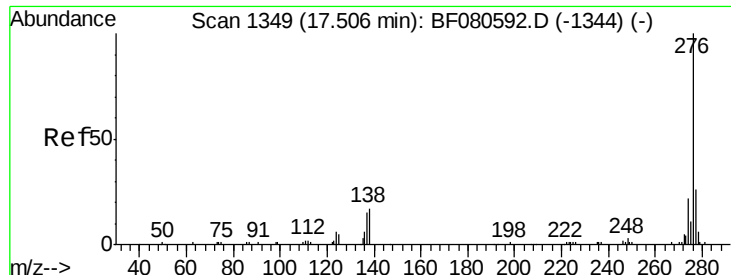


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

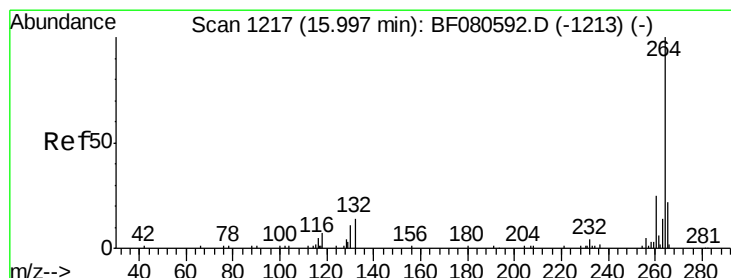
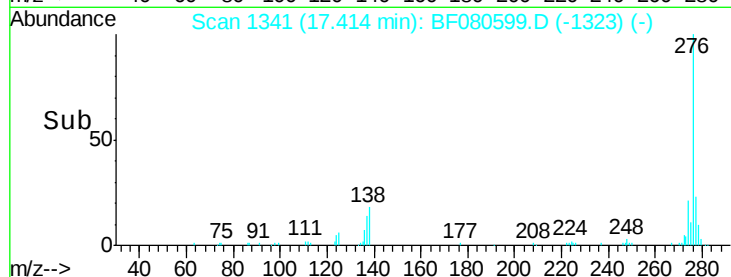
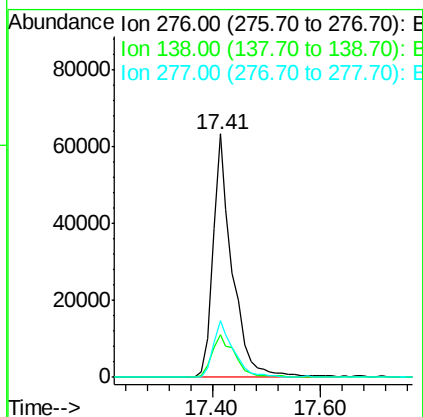
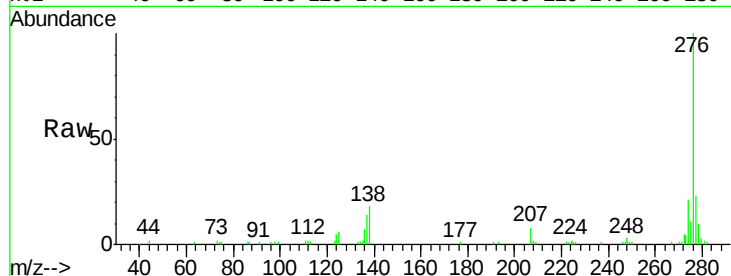




#85
Indeno(1,2,3-cd)pyrene
Concen: 36.92 ng
RT: 17.41 min Scan# 1341
Delta R.T. -0.09 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

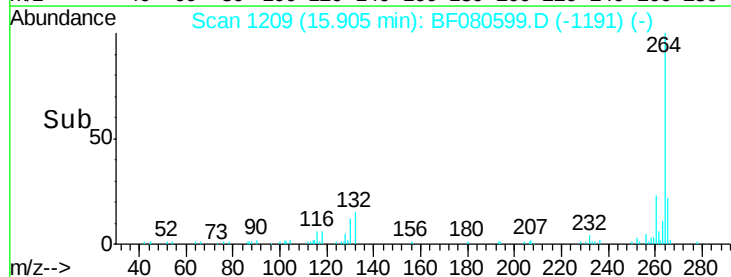
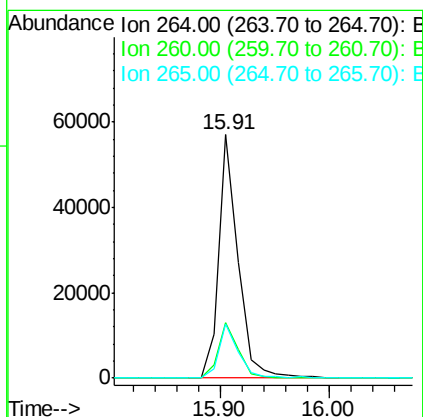
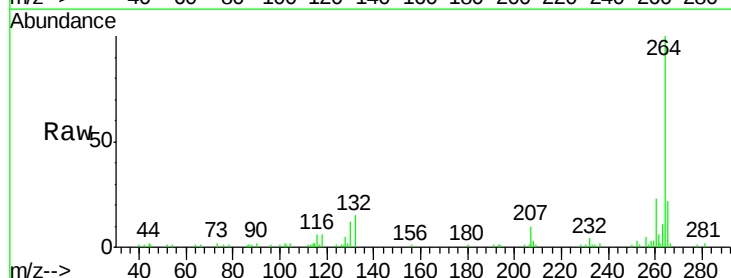
Instrument :
BNA_F
ClientSampleId :
PB84631BS

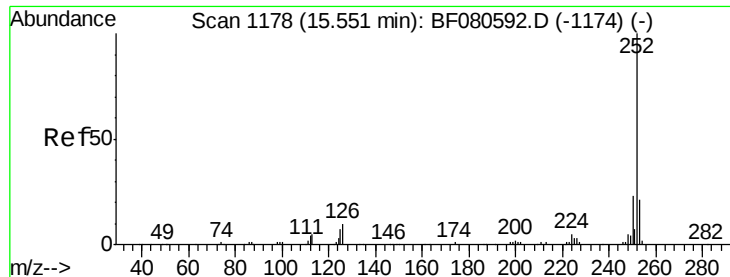
Tgt Ion: 276 Resp: 156753
Ion Ratio Lower Upper
276 100
138 20.8 18.9 28.3
277 24.7 19.9 29.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.91 min Scan# 1209
Delta R.T. -0.09 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion: 264 Resp: 70453
Ion Ratio Lower Upper
264 100
260 22.9 17.8 26.8
265 22.5 15.6 23.4





#87

Benzo(b)fluoranthene

Concen: 42.54 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.09 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

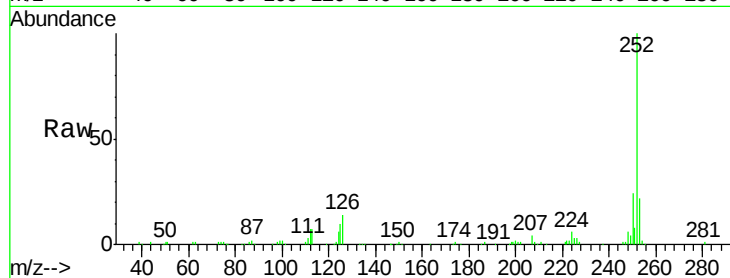
Tgt Ion:252 Resp: 182312

Ion Ratio Lower Upper

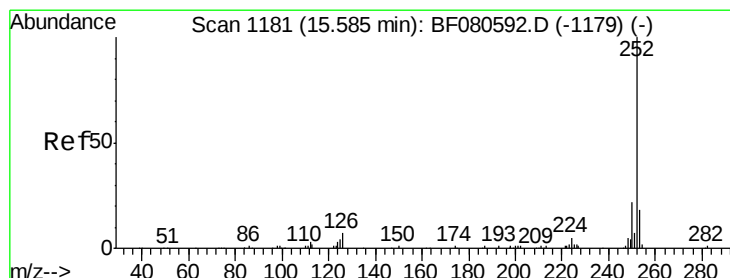
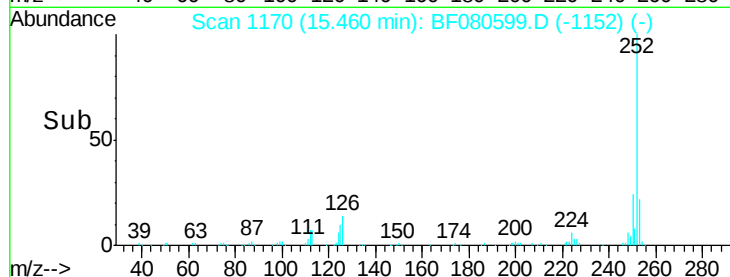
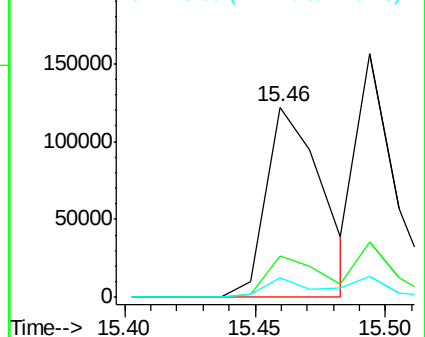
252 100

253 21.7 16.6 25.0

125 10.4 6.1 9.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.75 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.13 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

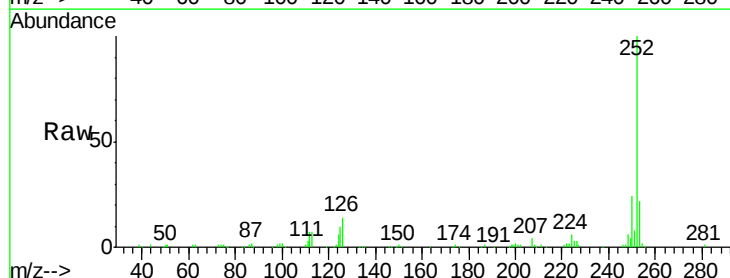
Tgt Ion:252 Resp: 182312

Ion Ratio Lower Upper

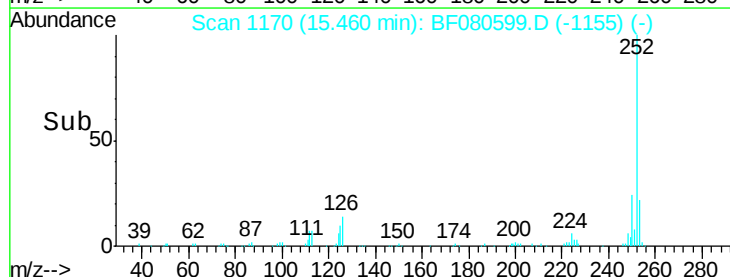
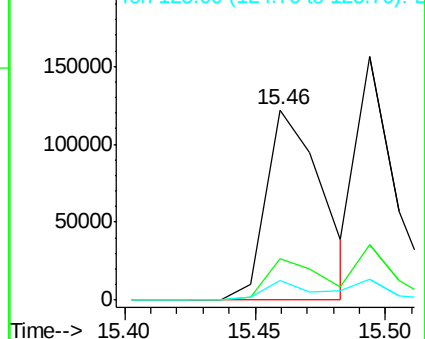
252 100

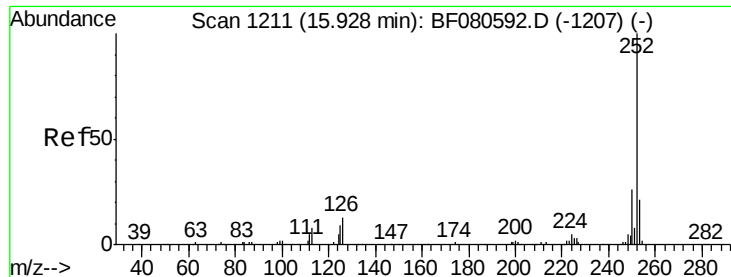
253 21.7 17.0 25.6

125 10.4 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

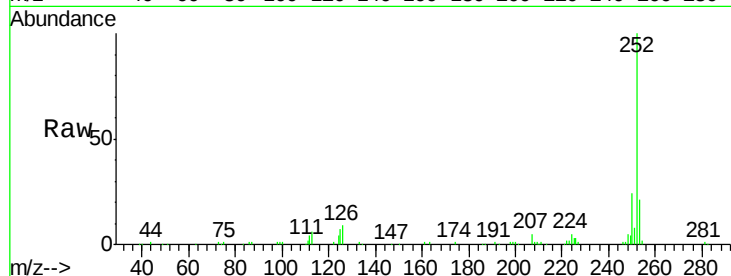




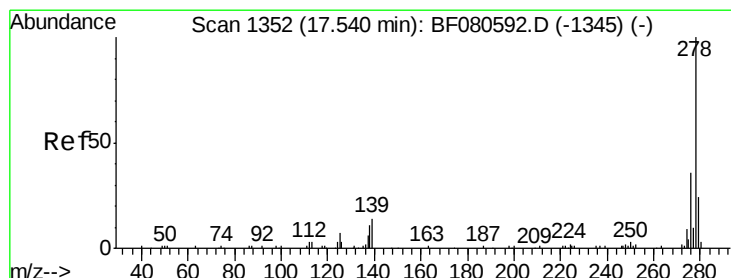
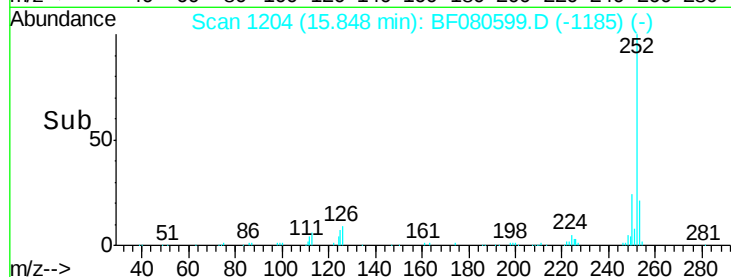
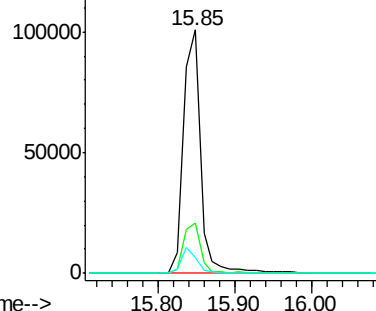
#89
Benzo(a)pyrene
Concen: 41.17 ng
RT: 15.85 min Scan# 1204
Delta R.T. -0.08 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Instrument :
BNA_F
ClientSampleId :
PB84631BS

Tgt Ion: 252 Resp: 156492
Ion Ratio Lower Upper
252 100
253 20.9 19.0 28.6
125 6.6 11.2 16.8#

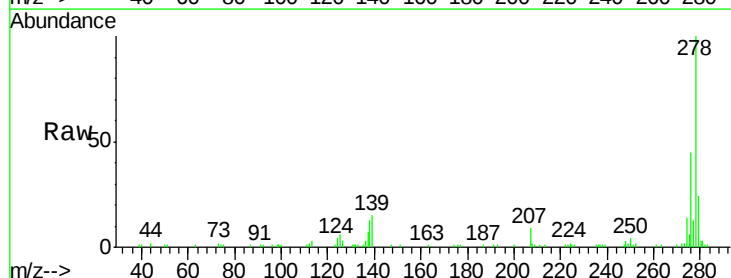


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

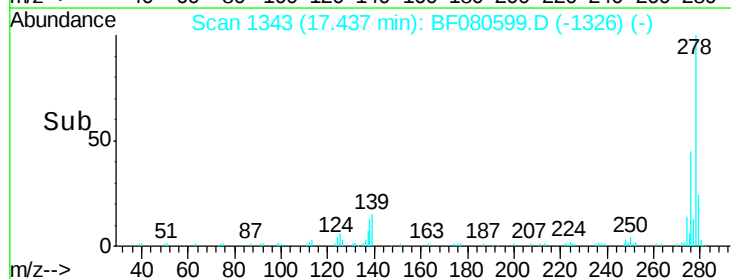
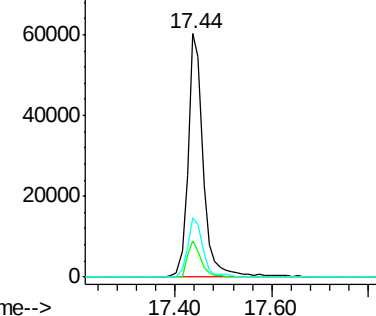


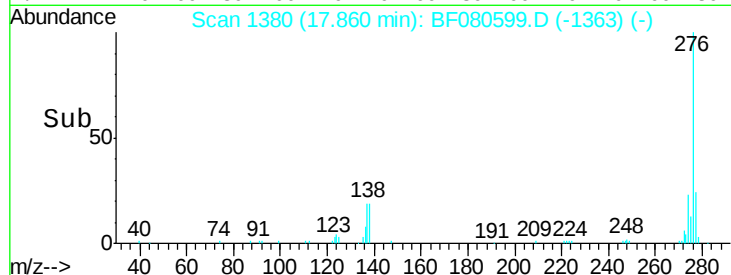
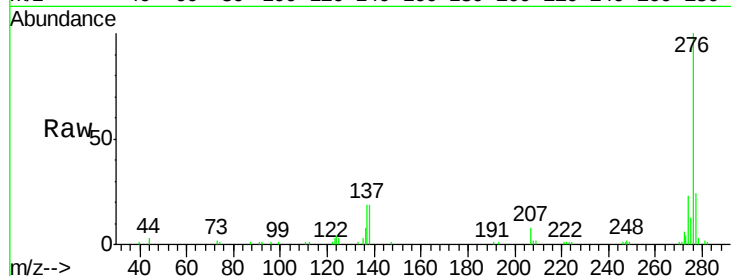
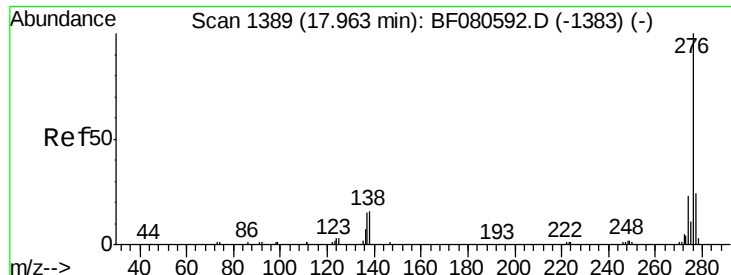
#90
Dibenzo(a,h)anthracene
Concen: 37.13 ng
RT: 17.44 min Scan# 1343
Delta R.T. -0.10 min
Lab File: BF080599.D
Acq: 23 Jul 2015 18:45

Tgt Ion: 278 Resp: 133321
Ion Ratio Lower Upper
278 100
139 14.7 11.6 17.4
279 24.3 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.73 ng

RT: 17.86 min Scan# 1380

Delta R.T. -0.10 min

Lab File: BF080599.D

Acq: 23 Jul 2015 18:45

Instrument :

BNA_F

ClientSampleId :

PB84631BS

Tgt Ion:276 Resp: 134694

Ion Ratio Lower Upper

276 100

277 23.7 18.0 27.0

138 18.7 17.8 26.6

