

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
 Data File : BF080602.D
 Acq On : 23 Jul 2015 20:13
 Operator : TP/UM
 Sample : PB84614BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

Quant Time: Jul 24 00:42:58 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	40444	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	155675	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	72142	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	122707	20.00	ng	0.00
75) Chrysene-d12	14.20	240	111933	20.00	ng	-0.10
86) Perylene-d12	15.79	264	80585	20.00	ng	-0.21

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	295021	125.99	ng	0.01
7) Phenol-d6	6.56	99	355957	124.35	ng	0.00
23) Nitrobenzene-d5	7.50	82	233270	84.90	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	78280	136.94	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	413979	83.26	ng	0.00
78) Terphenyl-d14	13.08	244	422675	79.02	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	32545	29.17	ng	# 100
3) Pyridine	3.29	79	80835	27.27	ng	87
4) n-Nitrosodimethylamine	3.20	42	66080	35.27	ng	# 96
6) Aniline	6.60	93	113528	27.14	ng	98
8) 2-Chlorophenol	6.73	128	94661	37.64	ng	95
9) Benzaldehyde	6.49	77	27987	13.22	ng	99
10) Phenol	6.57	94	134521	39.28	ng	87
11) bis(2-Chloroethyl)ether	6.67	93	87767	36.91	ng	98
12) 1,3-Dichlorobenzene	6.89	146	115210	36.13	ng	99
13) 1,4-Dichlorobenzene	6.97	146	108518	34.68	ng	99
14) 1,2-Dichlorobenzene	7.12	146	109980	37.91	ng	99
15) Benzyl Alcohol	7.08	79	98028	38.86	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	186982	38.79	ng	99
17) 2-Methylphenol	7.18	107	76440	38.56	ng	95
18) Hexachloroethane	7.47	117	39708	36.69	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	72388	37.32	ng	99
20) 3+4-Methylphenols	7.34	107	105558	38.52	ng	89
22) Acetophenone	7.36	105	142578	37.60	ng	97
24) Nitrobenzene	7.53	77	116537	39.68	ng	99
25) Isophorone	7.77	82	198484	39.01	ng	99
26) 2-Nitrophenol	7.85	139	39310	37.46	ng	95
27) 2,4-Dimethylphenol	7.88	122	91154	39.32	ng	97
28) bis(2-Chloroethoxy)methane	7.98	93	111322	39.59	ng	99
29) 2,4-Dichlorophenol	8.09	162	75579	39.87	ng	99
30) 1,2,4-Trichlorobenzene	8.18	180	93120	37.78	ng	98
31) Naphthalene	8.26	128	289172	37.13	ng	99
32) Benzoic acid	7.94	122	38838	37.70	ng	93
33) 4-Chloroaniline	8.30	127	58779	19.24	ng	95
34) Hexachlorobutadiene	8.38	225	51545	35.87	ng	98
35) Caprolactam	8.64	113	20424	40.01	ng	# 78
36) 4-Chloro-3-methylphenol	8.77	107	97499	43.23	ng	97
37) 2-Methylnaphthalene	8.94	142	169410	38.85	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	90513	37.10	ng	# 94
40) Hexachlorocyclopentadiene	9.10	237	112160	87.31	ng	96

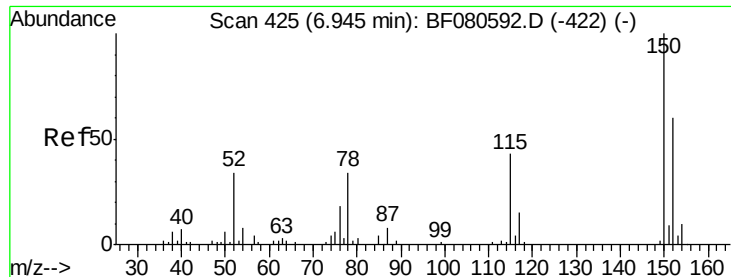
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072315\
 Data File : BF080602.D
 Acq On : 23 Jul 2015 20:13
 Operator : TP/UM
 Sample : PB84614BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

Quant Time: Jul 24 00:42:58 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	52039	38.03	ng	99
43) 2,4,5-Trichlorophenol	9.25	196	56862	41.17	ng	98
45) 1,1'-Biphenyl	9.41	154	235920	40.17	ng	99
46) 2-Chloronaphthalene	9.44	162	184000	38.73	ng	97
47) 2-Nitroaniline	9.53	65	57349	39.58	ng	94
48) Acenaphthylene	9.85	152	257557	36.60	ng	97
49) Dimethylphthalate	9.71	163	221232	41.68	ng	98
50) 2,6-Dinitrotoluene	9.77	165	43691	44.01	ng	98
51) Acenaphthene	10.03	154	176919	41.85	ng	95
52) 3-Nitroaniline	9.94	138	30581	28.32	ng	# 97
53) 2,4-Dinitrophenol	10.04	184	28366	78.74	ng	# 65
54) Dibenzofuran	10.20	168	241208	39.48	ng	100
55) 4-Nitrophenol	10.08	139	61013	78.23	ng	# 84
56) 2,4-Dinitrotoluene	10.17	165	57501	46.24	ng	# 90
57) Fluorene	10.54	166	194499	39.65	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	49927	46.46	ng	90
59) Diethylphthalate	10.41	149	199392	40.25	ng	99
60) 4-Chlorophenyl-phenylether	10.53	204	90840	41.23	ng	96
61) 4-Nitroaniline	10.54	138	40753	37.48	ng	93
62) Azobenzene	10.69	77	214853	41.40	ng	96
64) 4,6-Dinitro-2-methylphenol	10.58	198	17566	44.63	ng	# 76
65) n-Nitrosodiphenylamine	10.65	169	174800	43.41	ng	100
66) 4-Bromophenyl-phenylether	11.02	248	55797	44.73	ng	87
67) Hexachlorobenzene	11.09	284	56566	40.16	ng	# 93
68) Atrazine	11.17	200	51139	46.23	ng	97
69) Pentachlorophenol	11.28	266	63465	96.57	ng	97
70) Phenanthrene	11.50	178	301319	43.50	ng	98
71) Anthracene	11.55	178	285329	43.99	ng	100
72) Carbazole	11.71	167	248455	44.30	ng	97
73) Di-n-butylphthalate	12.04	149	279546	42.88	ng	# 97
74) Fluoranthene	12.69	202	274566	44.30	ng	99
76) Benzidine	12.82	184	199779	60.73	ng	98
77) Pyrene	12.93	202	293875	39.13	ng	98
79) Butylbenzylphthalate	13.59	149	101725	38.84	ng	94
80) Benzo(a)anthracene	14.19	228	253583	40.18	ng	99
81) 3,3'-Dichlorobenzidine	14.16	252	58391	32.37	ng	# 97
82) Chrysene	14.23	228	241869	38.52	ng	96
83) Bis(2-ethylhexyl)phthalate	14.20	149	150475	40.98	ng	# 100
84) Di-n-octyl phthalate	14.91	149	205301	40.91	ng	96
85) Indeno(1,2,3-cd)pyrene	17.29	276	190356	40.07	ng	98
87) Benzo(b)fluoranthene	15.36	252	187972	38.35	ng	99
88) Benzo(k)fluoranthene	15.36	252	187972	38.54	ng	# 98
89) Benzo(a)pyrene	15.73	252	184628	42.46	ng	# 93
90) Dibenzo(a,h)anthracene	17.32	278	160346	39.05	ng	# 96
91) Benzo(g,h,i)perylene	17.73	276	167252	39.87	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PB84614BS

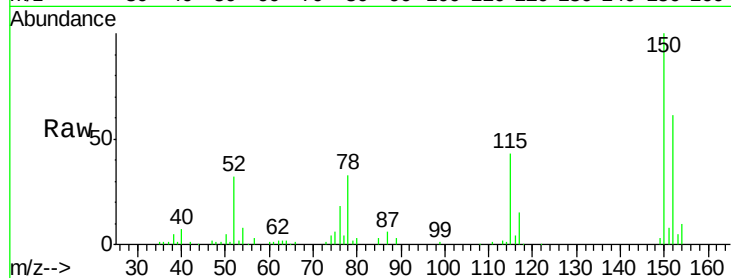
Tgt Ion:152 Resp: 40444

Ion Ratio Lower Upper

152 100

150 164.5 128.7 193.1

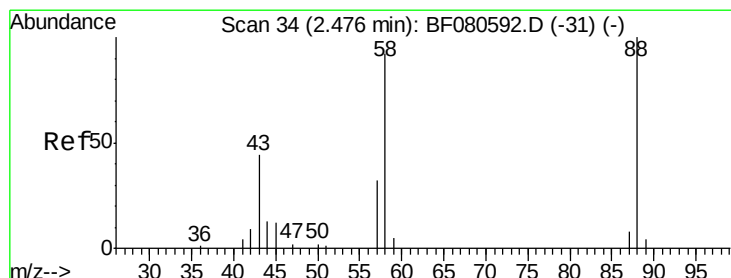
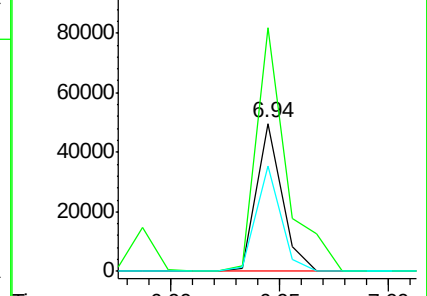
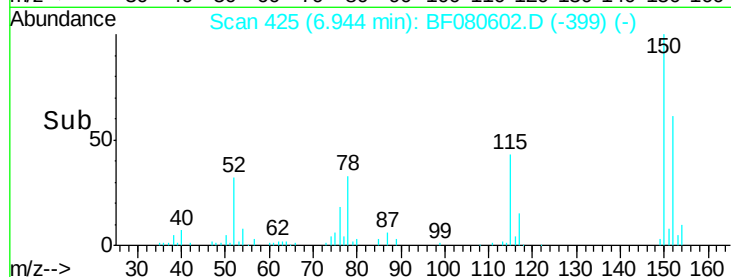
115 71.1 56.8 85.2



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: 29.17 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.02 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

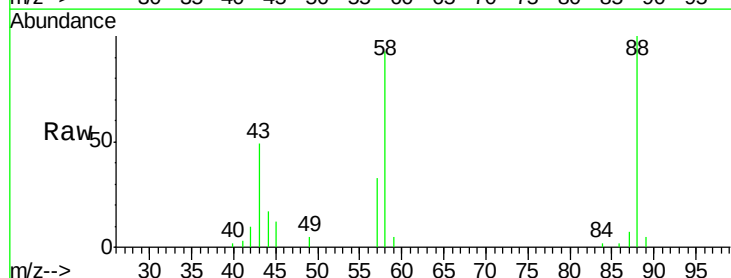
Tgt Ion: 88 Resp: 32545

Ion Ratio Lower Upper

88 100

58 87.7 0.0 0.0#

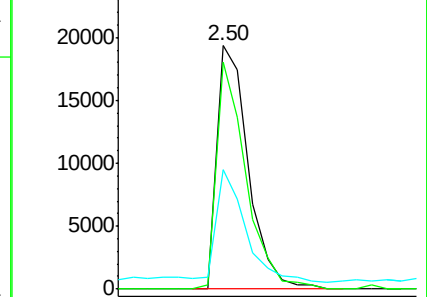
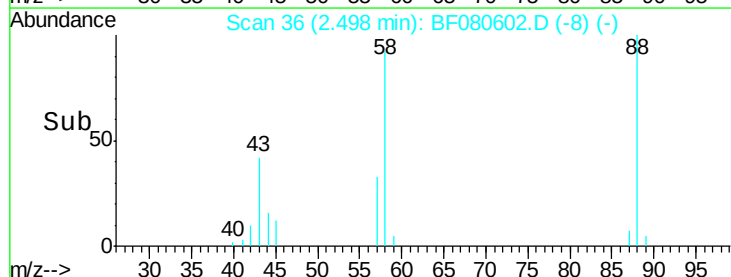
43 47.3 0.0 0.0#

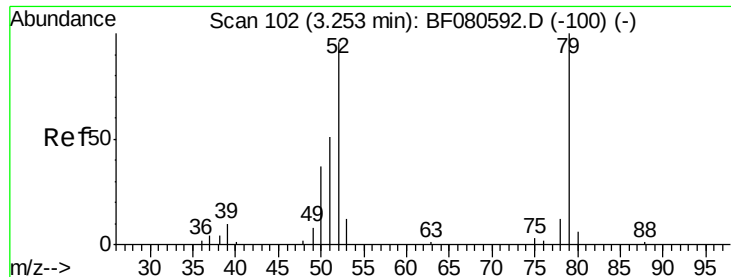


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 27.27 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.03 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PB84614BS

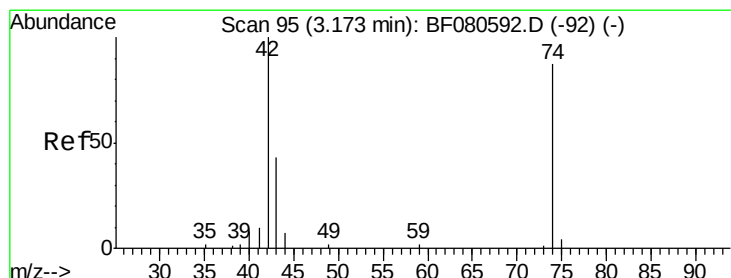
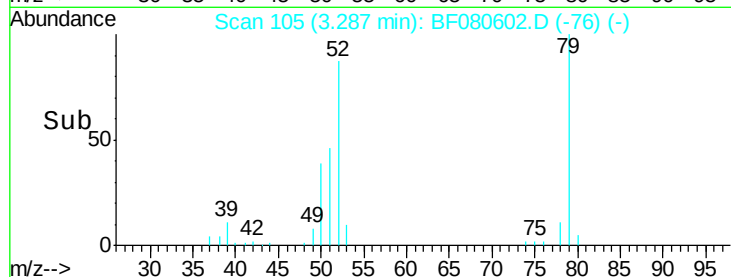
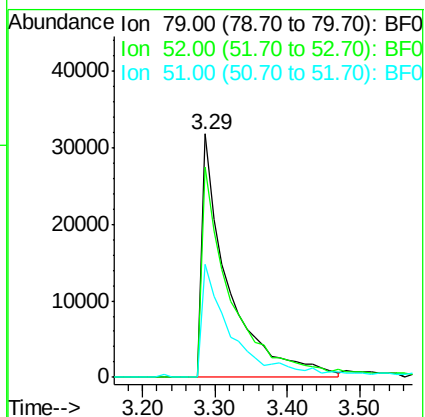
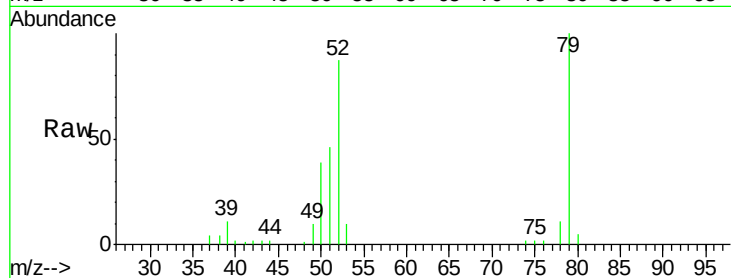
Tgt Ion: 79 Resp: 80835

Ion Ratio Lower Upper

79 100

52 86.6 79.6 119.4

51 46.3 44.5 66.7



#4

n-Nitrosodimethylamine

Concen: 35.27 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.02 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

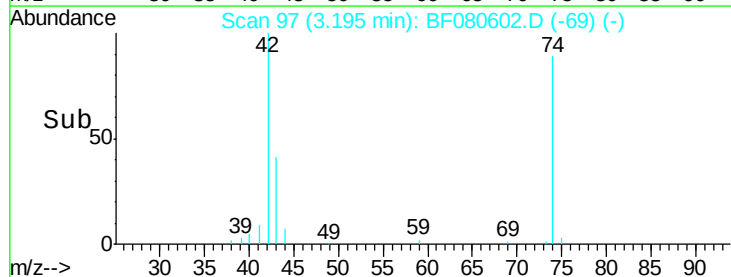
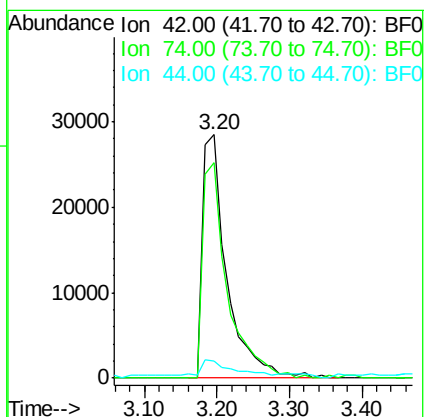
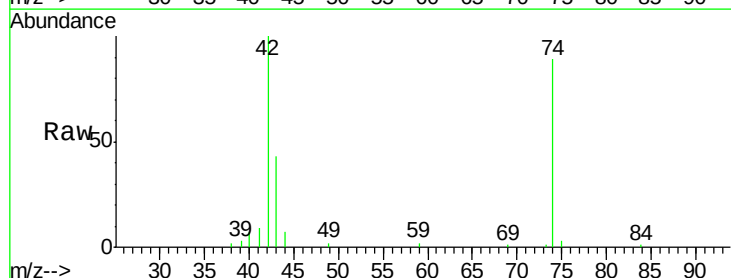
Tgt Ion: 42 Resp: 66080

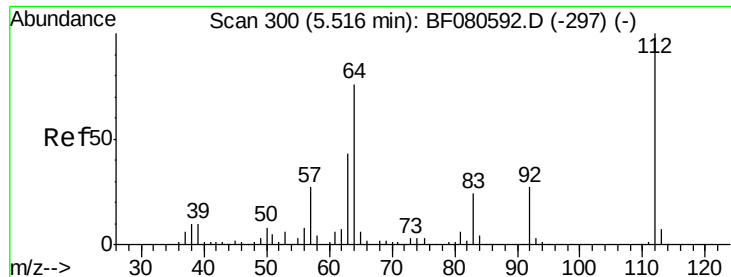
Ion Ratio Lower Upper

42 100

74 88.7 72.6 108.8

44 6.9 10.4 15.6#





#5

2-Fluorophenol

Concen: 125.99 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.01 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

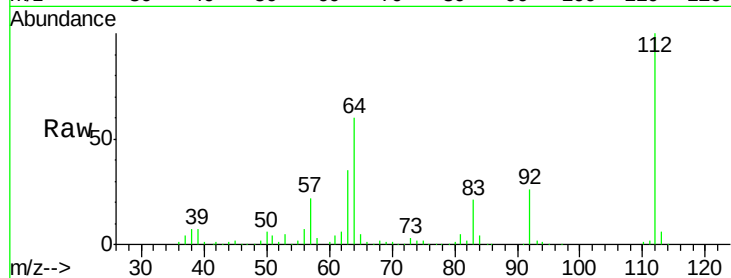
Instrument :

BNA_F

ClientSampleId :

PB84614BS

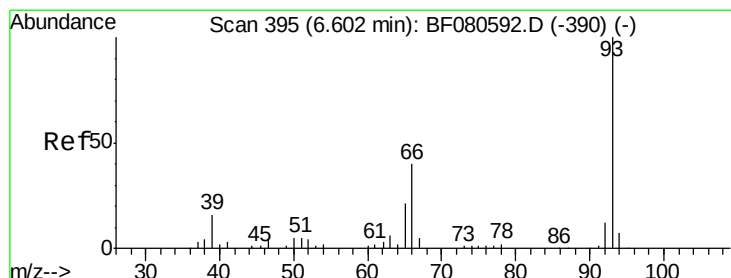
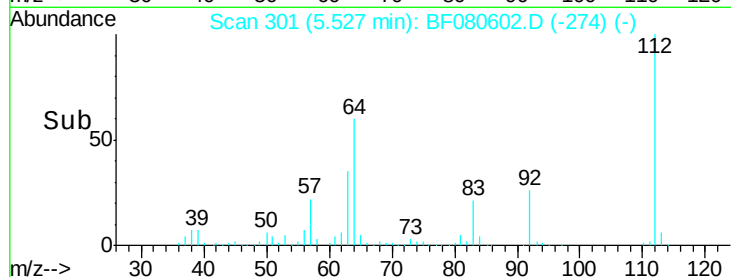
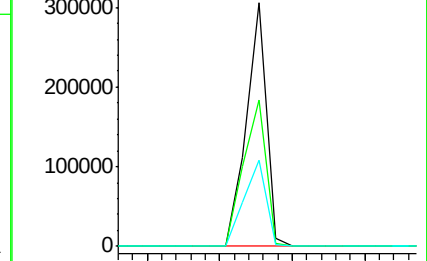
Tgt Ion:	112	Resp:	295021
Ion	Ratio	Lower	Upper
112	100		
64	60.3	60.2	90.2
63	35.4	34.8	52.2



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: 27.14 ng

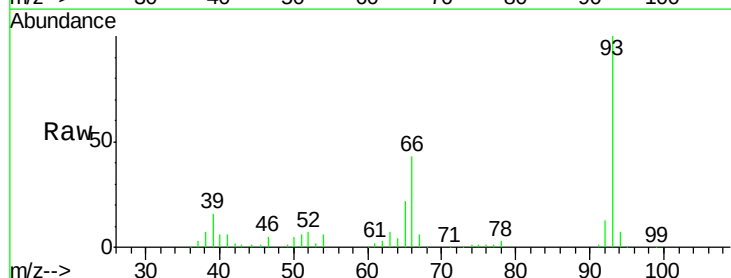
RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

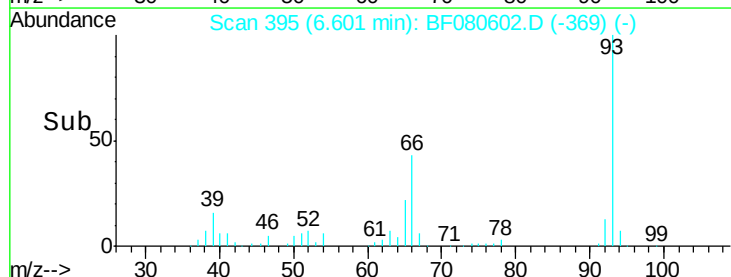
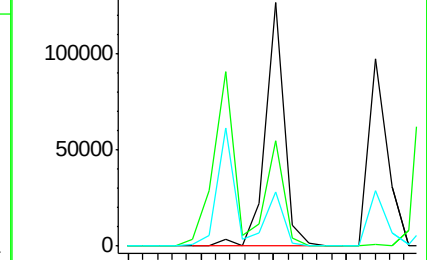
Tgt Ion:	93	Resp:	113528
Ion	Ratio	Lower	Upper
93	100		
66	43.0	33.1	49.7
65	22.0	17.2	25.8

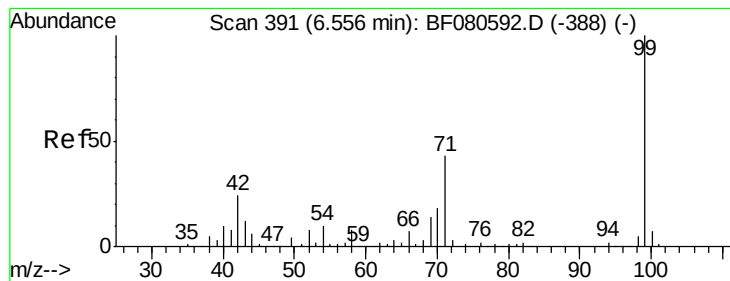


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.35 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Instrument :

BNA_F

ClientSampled :

PB84614BS

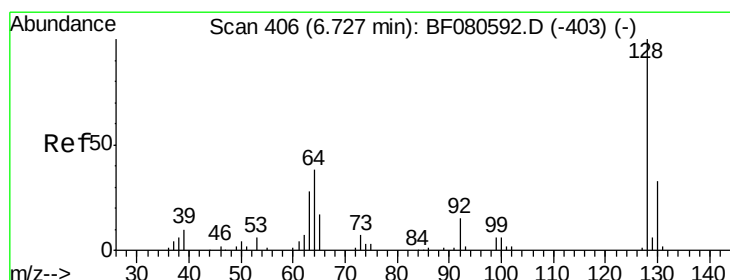
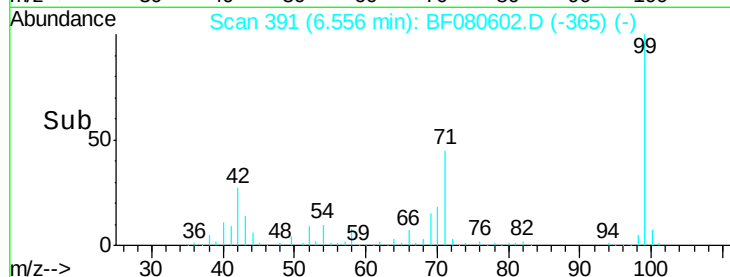
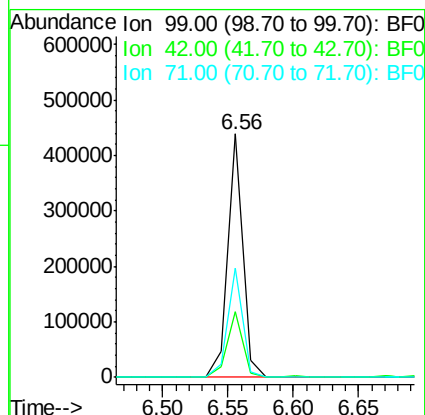
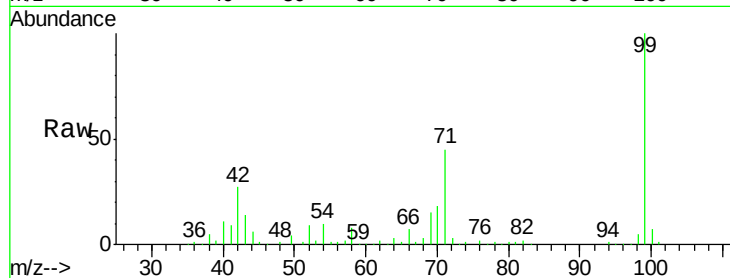
Tgt Ion: 99 Resp: 355957

Ion Ratio Lower Upper

99 100

42 27.1 17.4 26.2#

71 44.6 29.0 43.6#



#8

2-Chlorophenol

Concen: 37.64 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

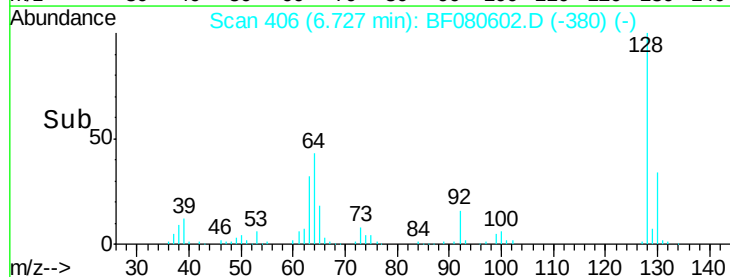
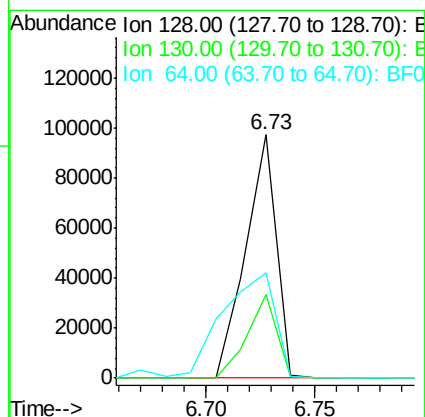
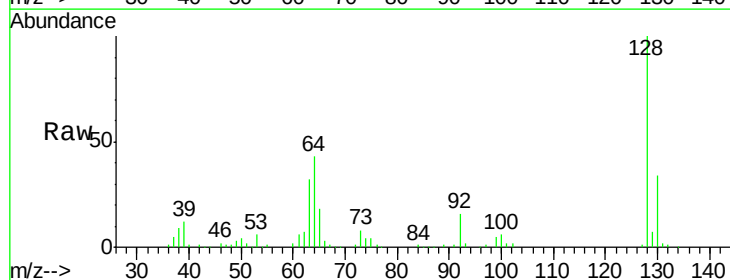
Tgt Ion: 128 Resp: 94661

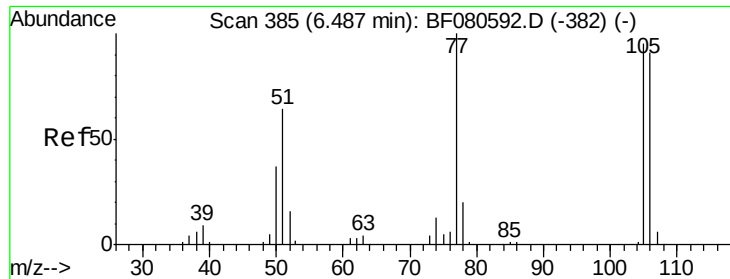
Ion Ratio Lower Upper

128 100

130 34.3 11.8 51.8

64 43.2 20.2 60.2





#9

Benzaldehyde

Concen: 13.22 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PB84614BS

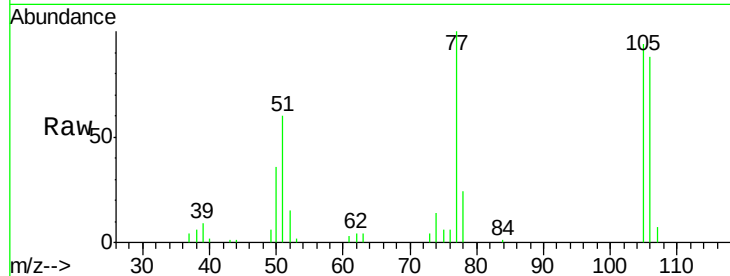
Tgt Ion: 77 Resp: 27987

Ion Ratio Lower Upper

77 100

105 94.2 72.3 112.3

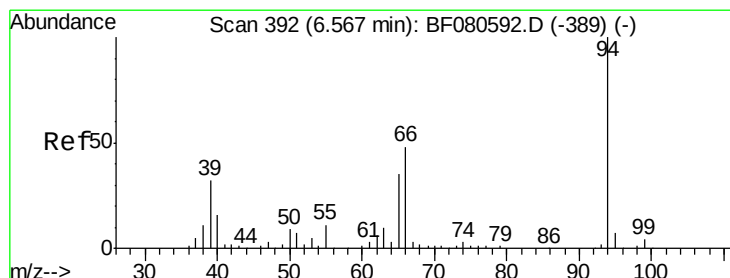
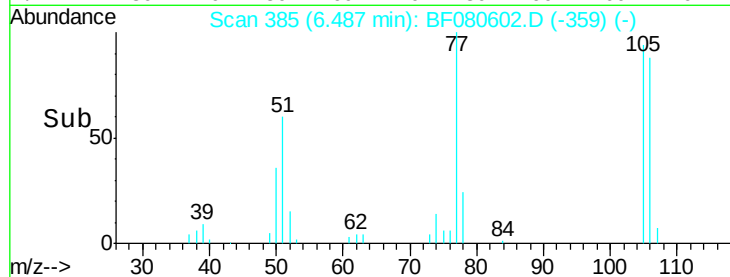
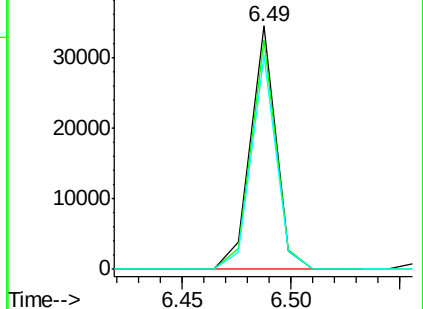
106 87.8 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 39.28 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

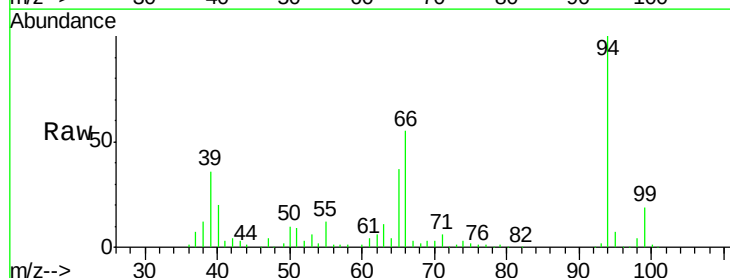
Tgt Ion: 94 Resp: 134521

Ion Ratio Lower Upper

94 100

65 37.0 12.1 52.1

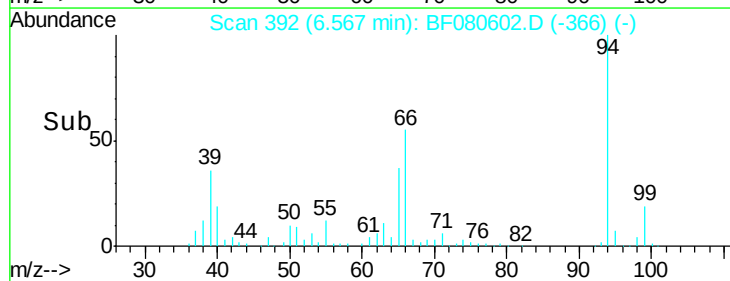
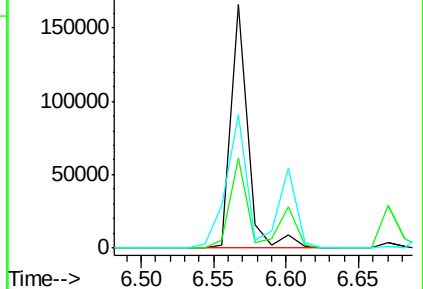
66 55.0 24.3 64.3

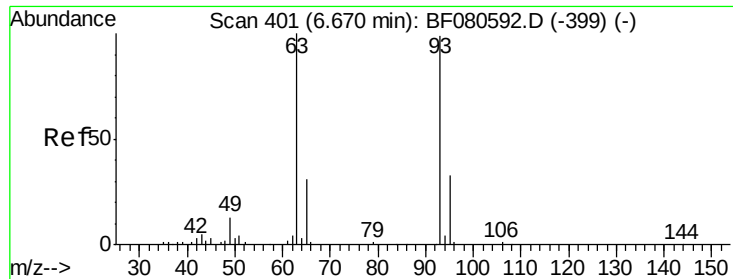


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

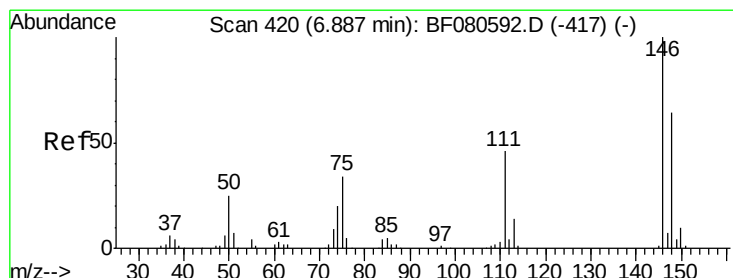
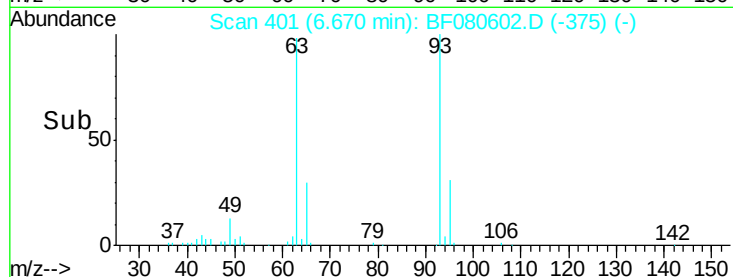
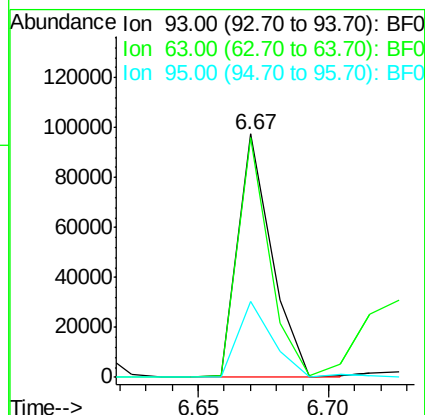
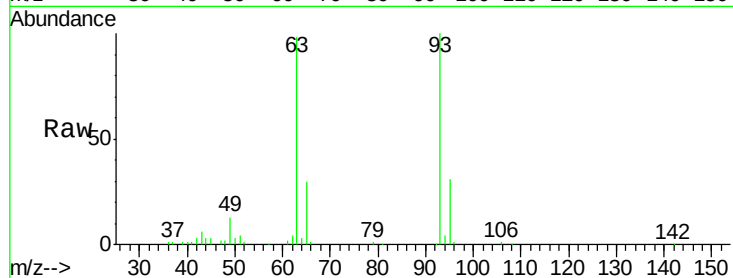




#11
bis(2-Chloroethyl)ether
Concen: 36.91 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

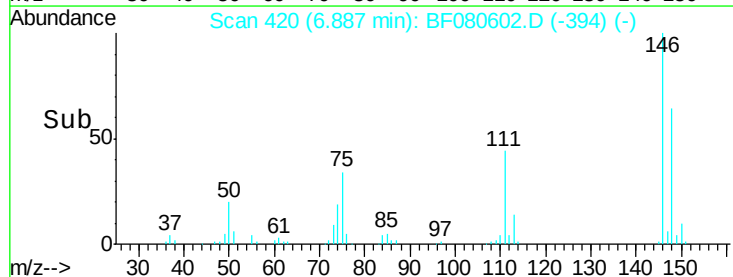
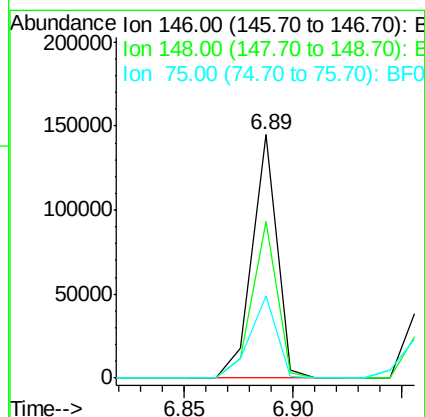
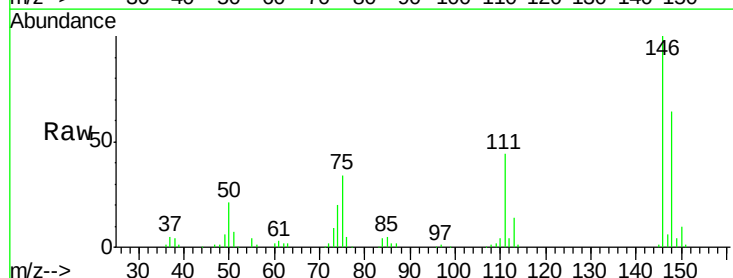
Instrument :
BNA_F
ClientSampleId :
PB84614BS

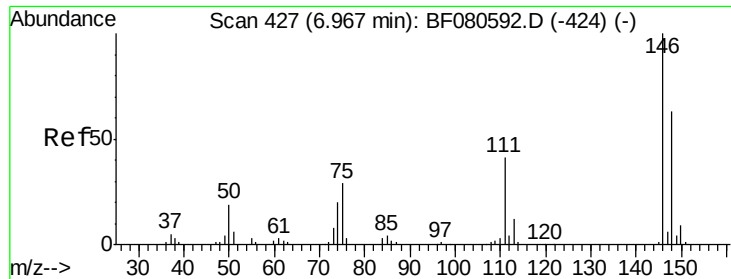
Tgt Ion: 93 Resp: 87767
Ion Ratio Lower Upper
93 100
63 98.5 80.5 120.5
95 31.1 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 36.13 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Tgt Ion: 146 Resp: 115210
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
75 33.9 27.1 40.7

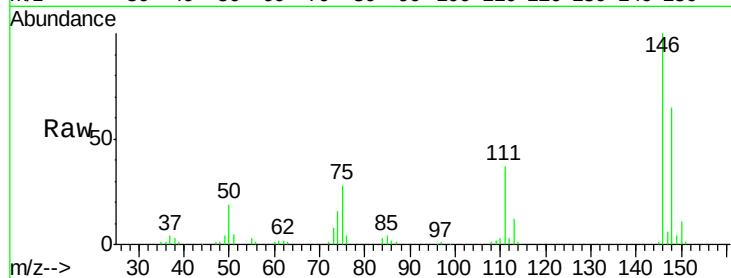




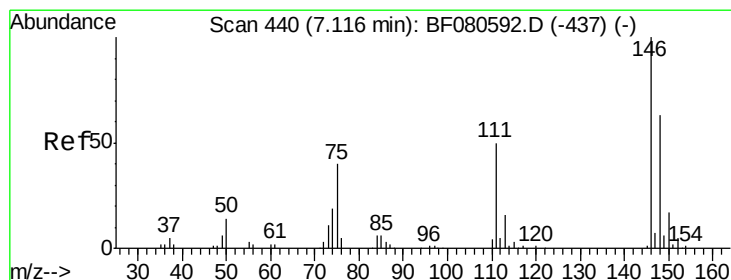
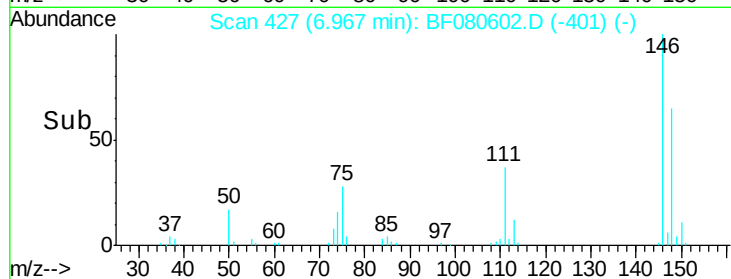
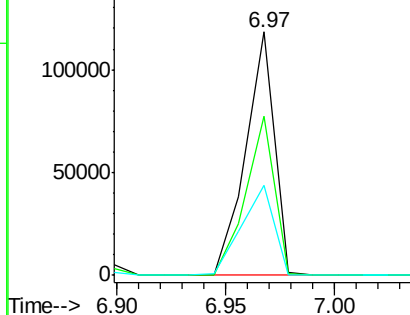
#13
 1,4-Dichlorobenzene
 Concen: 34.68 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

Tgt Ion:146 Resp: 108518
 Ion Ratio Lower Upper
 146 100
 148 65.1 52.0 78.0
 111 37.1 31.4 47.2

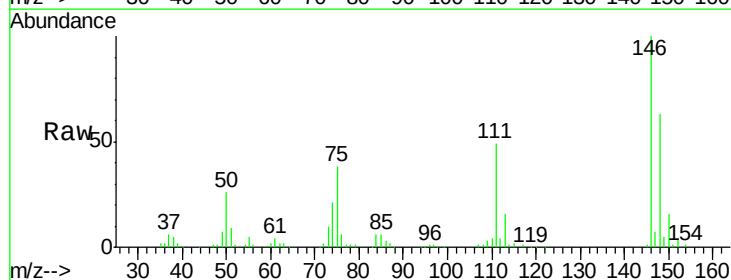


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

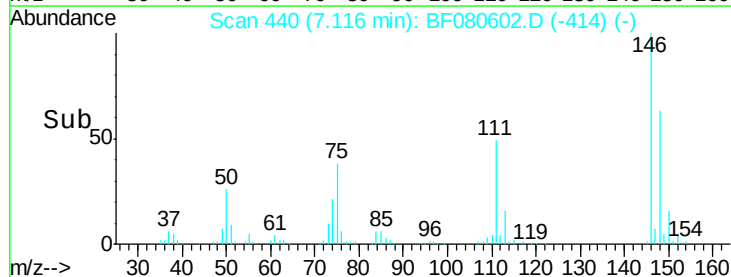
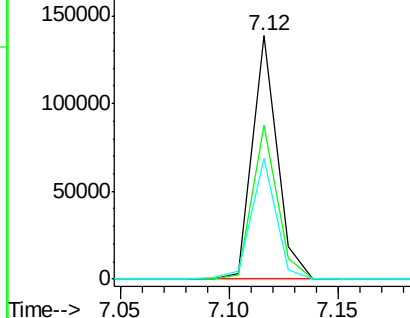


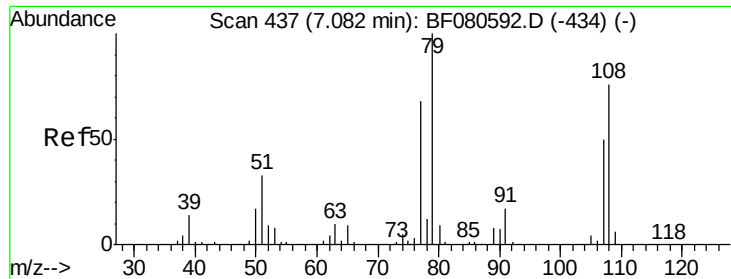
#14
 1,2-Dichlorobenzene
 Concen: 37.91 ng
 RT: 7.12 min Scan# 440
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Tgt Ion:146 Resp: 109980
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.3 75.5
 111 49.5 38.2 57.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.86 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PB84614BS

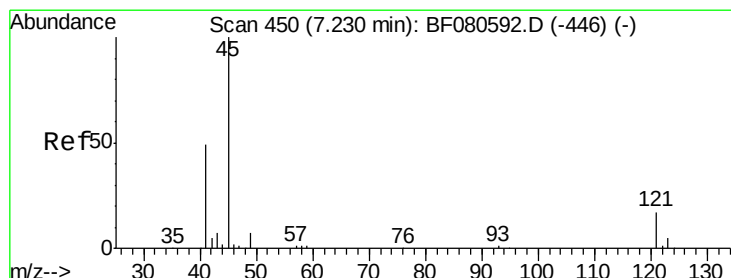
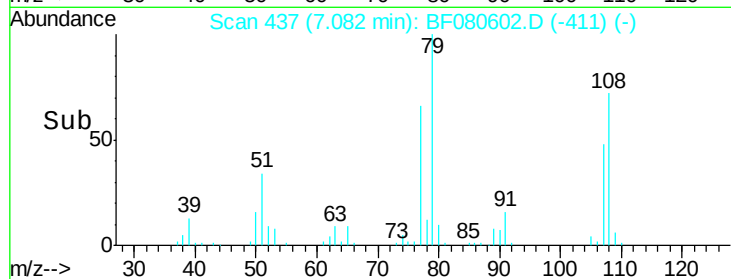
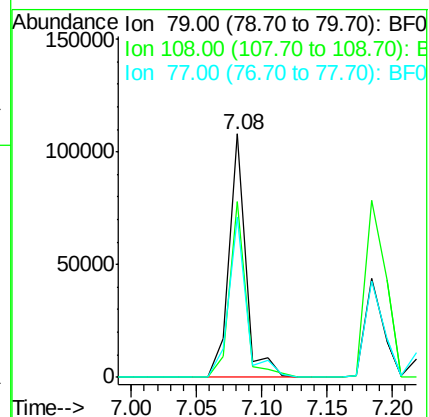
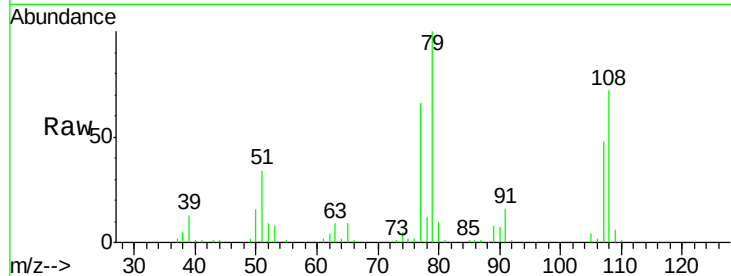
Tgt Ion: 79 Resp: 98028

Ion Ratio Lower Upper

79 100

108 72.5 61.5 92.3

77 66.0 53.6 80.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.79 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

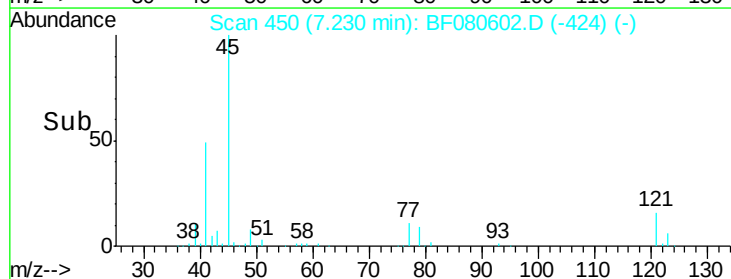
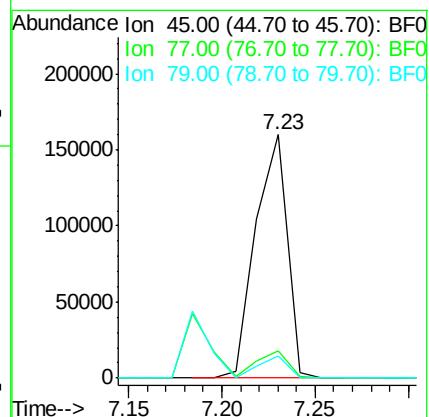
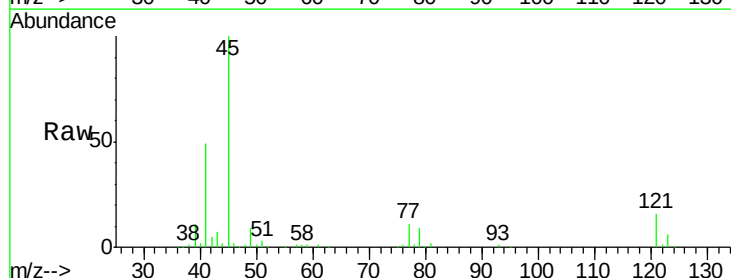
Tgt Ion: 45 Resp: 186982

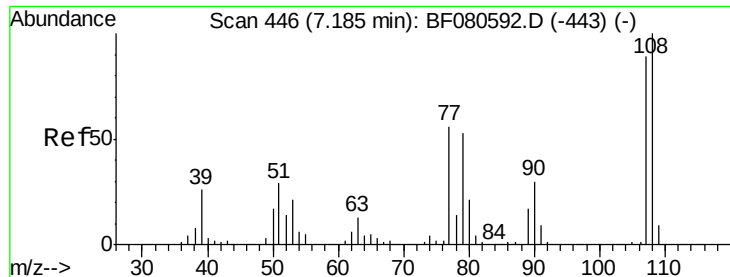
Ion Ratio Lower Upper

45 100

77 11.4 0.0 30.8

79 8.9 0.0 28.6

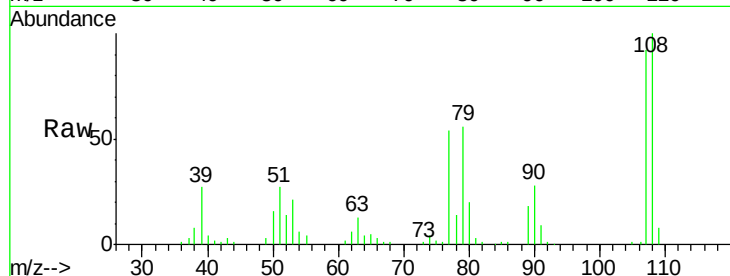




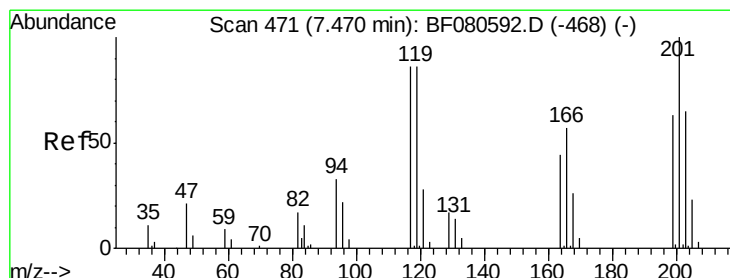
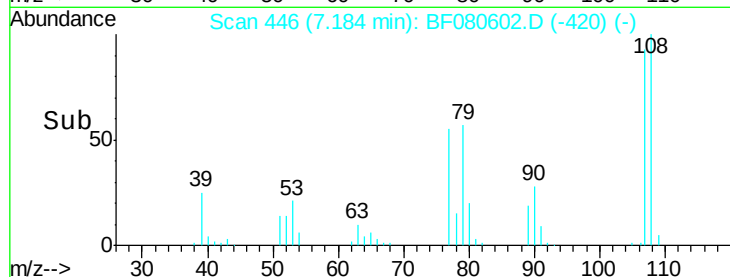
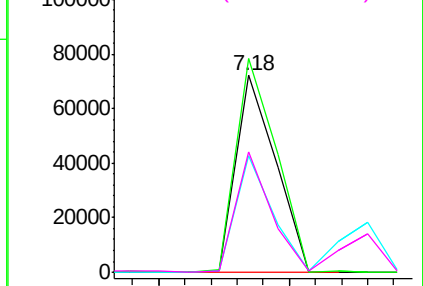
#17
2-Methylphenol
Concen: 38.56 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Instrument :
BNA_F
ClientSampleId :
PB84614BS

Tgt Ion:107 Resp: 76440
Ion Ratio Lower Upper
107 100
108 108.5 86.0 129.0
77 59.1 43.4 65.2
79 60.9 41.2 61.8

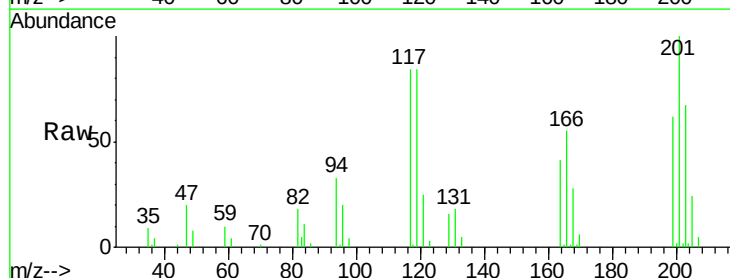


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

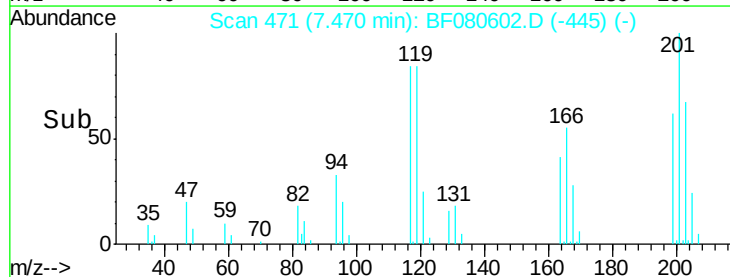
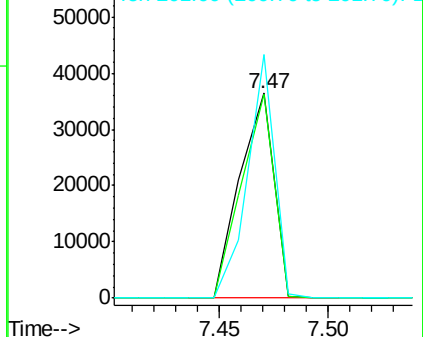


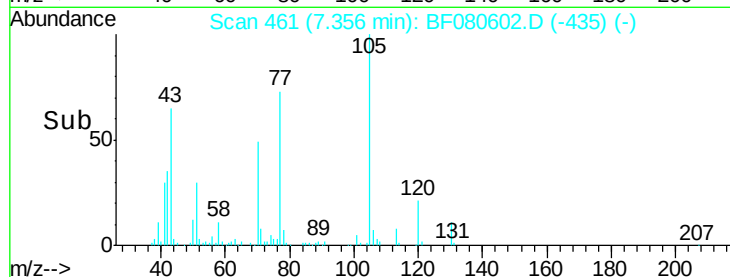
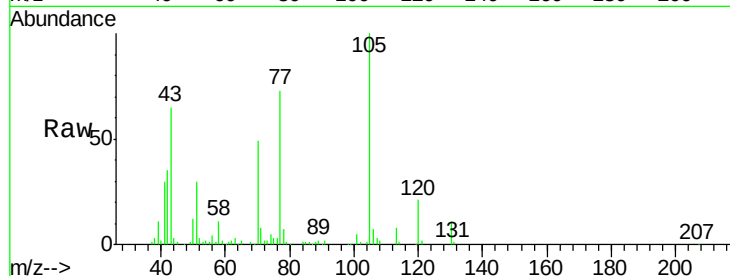
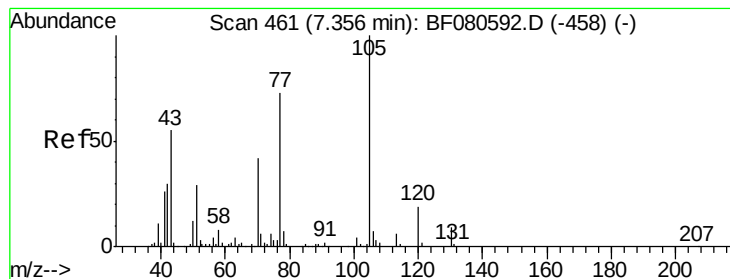
#18
Hexachloroethane
Concen: 36.69 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Tgt Ion:117 Resp: 39708
Ion Ratio Lower Upper
117 100
119 99.9 76.5 114.7
201 118.9 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: 37.32 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PB84614BS

Tgt Ion: 70 Resp: 72388

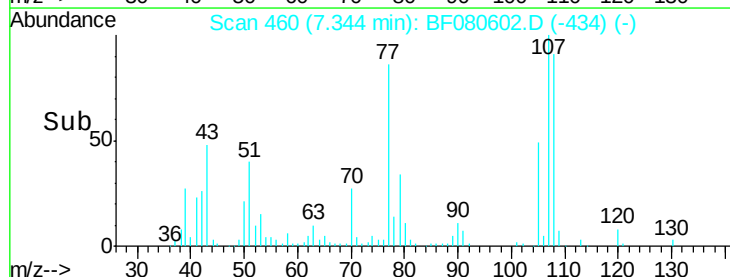
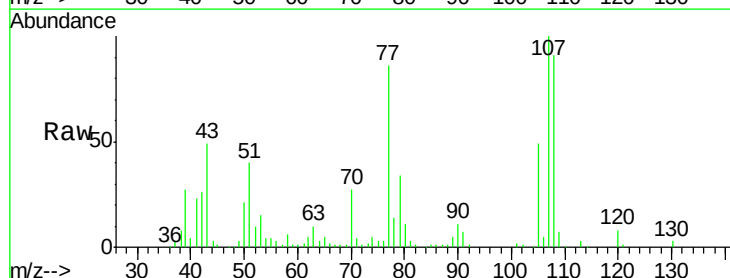
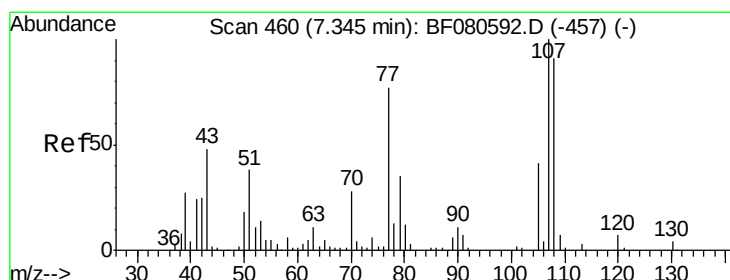
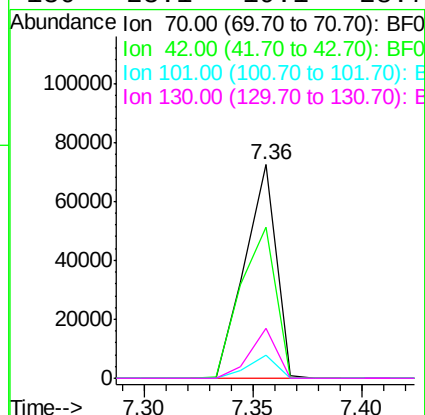
Ion Ratio Lower Upper

70 100

42 70.7 56.6 85.0

101 10.8 9.7 14.5

130 23.1 19.1 28.7



#20

3+4-Methylphenols

Concen: 38.52 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Tgt Ion: 107 Resp: 105558

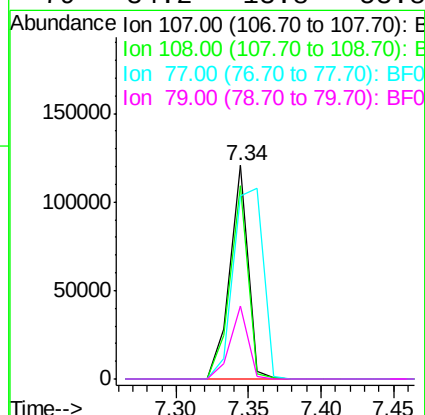
Ion Ratio Lower Upper

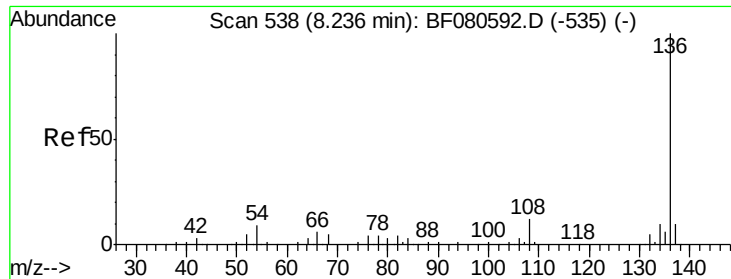
107 100

108 90.6 75.6 115.6

77 85.5 84.7 124.7

79 34.2 13.8 53.8

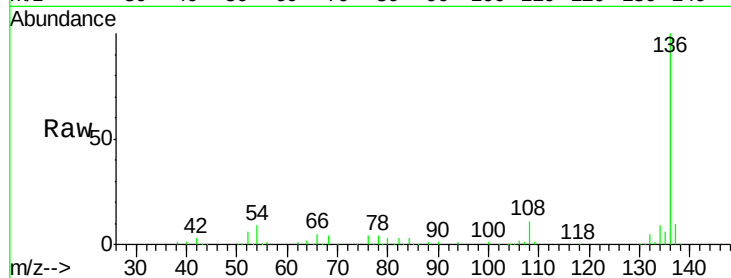




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Instrument :
BNA_F
ClientSampleId :
PB84614BS

Tgt Ion:	136	Resp:	155675
Ion	Ratio	Lower	Upper
136	100		
137	10.4	7.8	11.8
54	8.7	7.2	10.8
68	3.7	3.8	5.6#



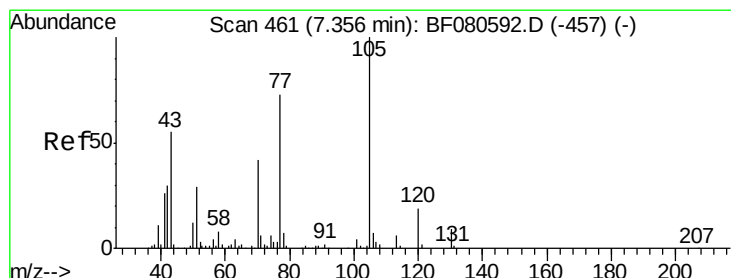
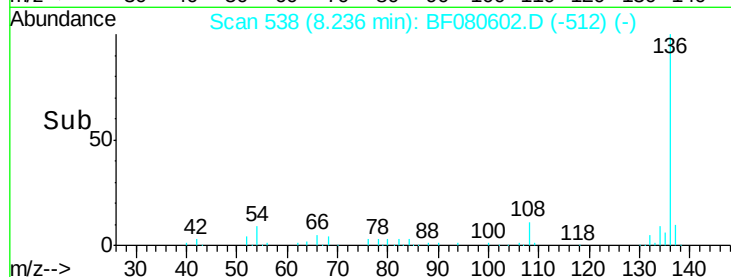
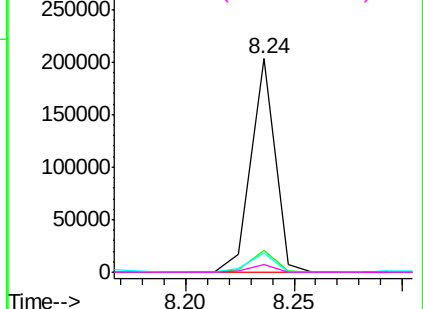
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

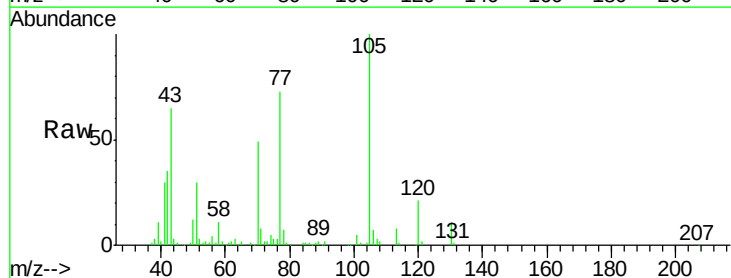
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 37.60 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Tgt Ion:	105	Resp:	142578
Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.5	8.3
51	30.4	23.0	34.4
120	21.4	15.8	23.8



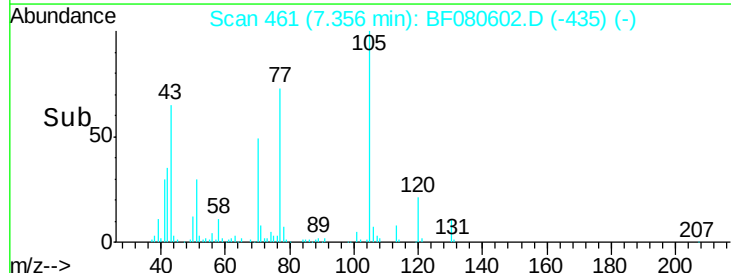
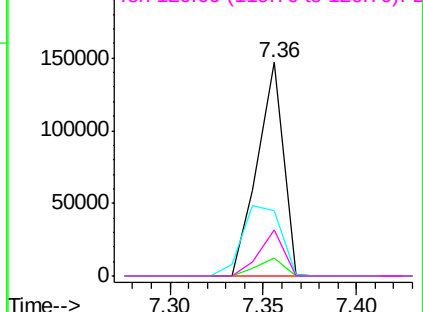
Abundance

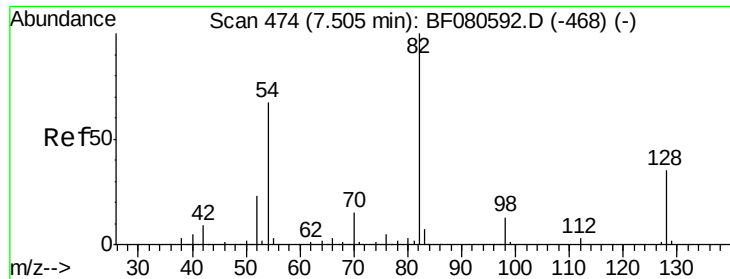
Ion 105.00 (104.70 to 105.70): E

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

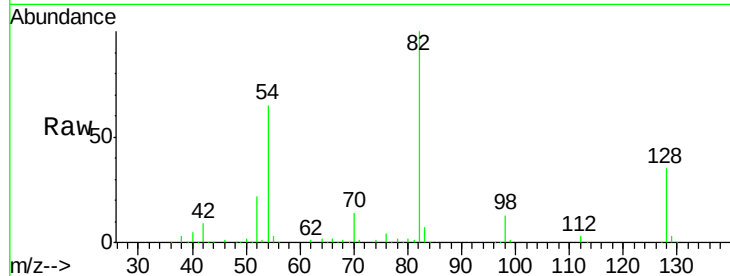




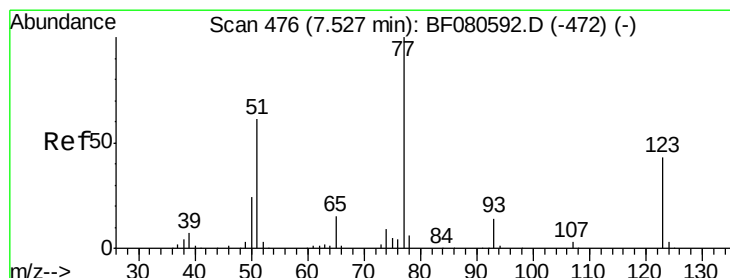
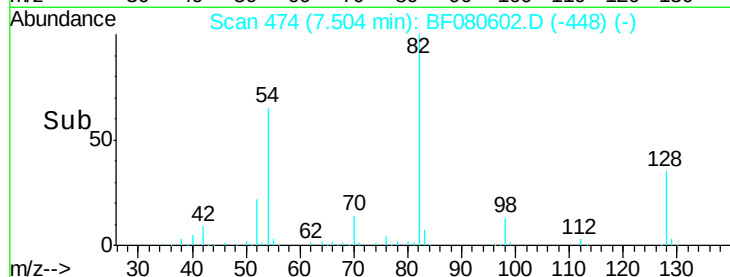
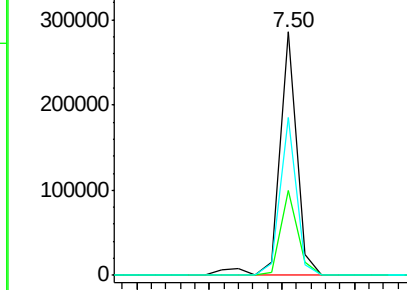
#23
 Nitrobenzene-d5
 Concen: 84.90 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.1	28.9	43.3
54	64.7	54.5	81.7

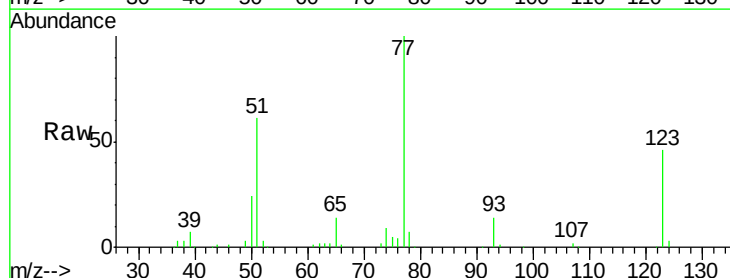


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

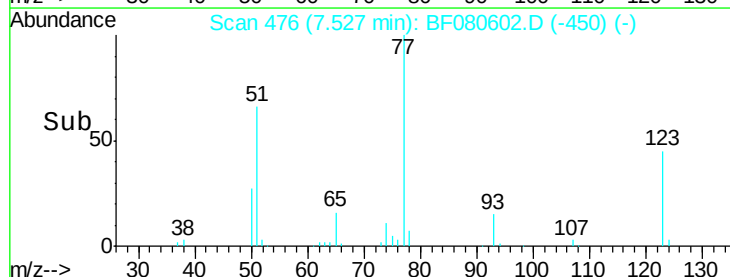
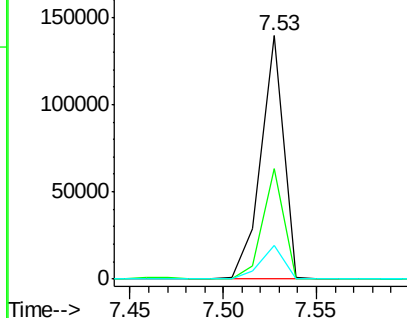


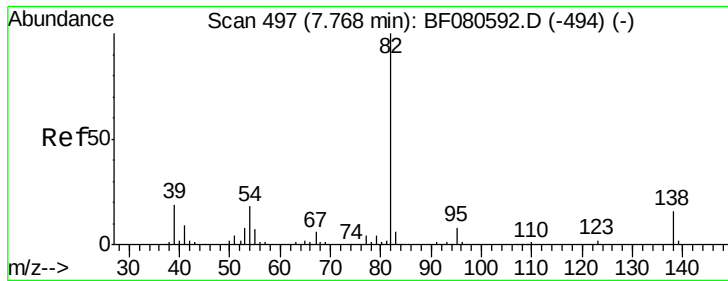
#24
 Nitrobenzene
 Concen: 39.68 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.1	55.7
65	14.1	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: 39.01 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PB84614BS

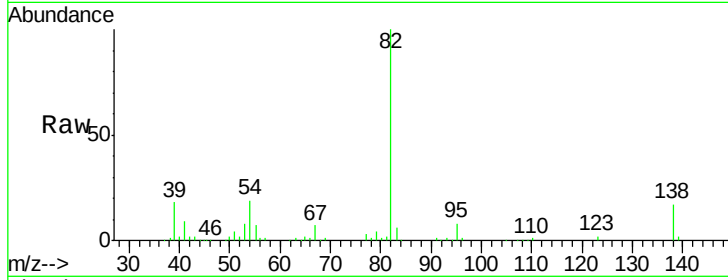
Tgt Ion: 82 Resp: 198484

Ion Ratio Lower Upper

82 100

95 8.4 5.9 8.9

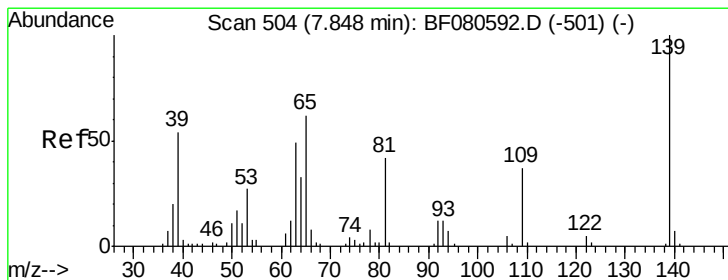
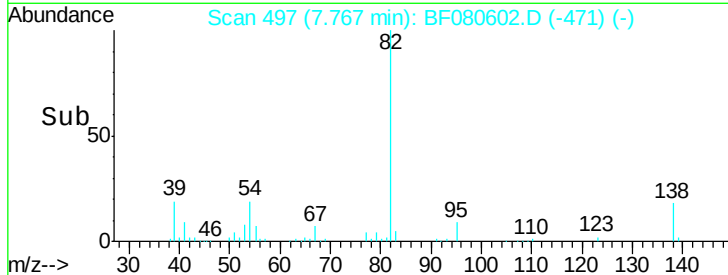
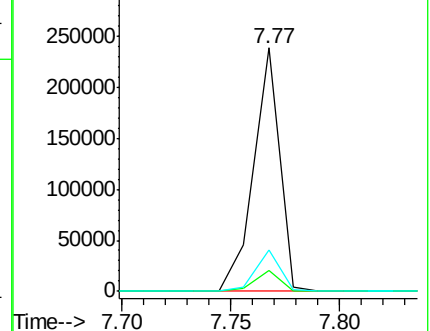
138 17.1 13.4 20.2



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: 37.46 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

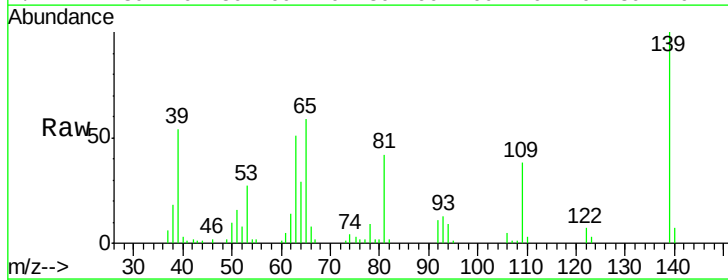
Tgt Ion: 139 Resp: 39310

Ion Ratio Lower Upper

139 100

109 37.6 26.0 39.0

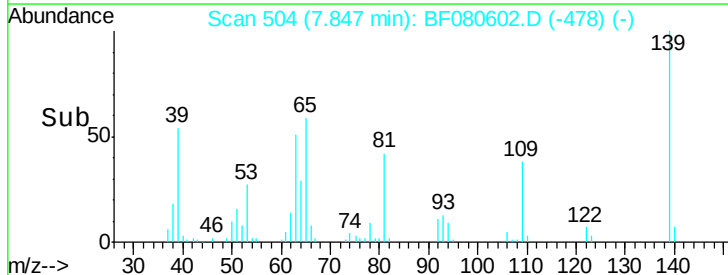
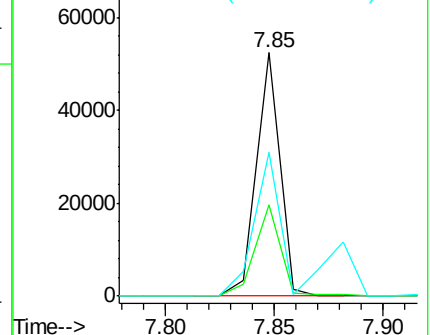
65 59.2 45.4 68.0

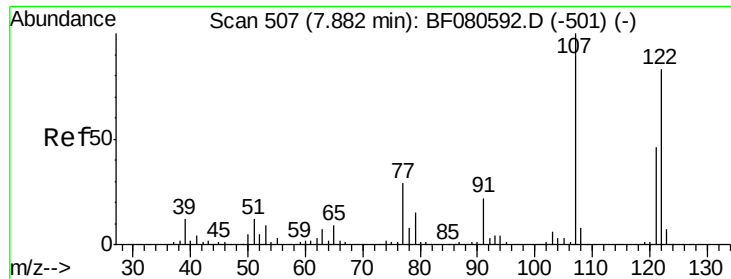


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

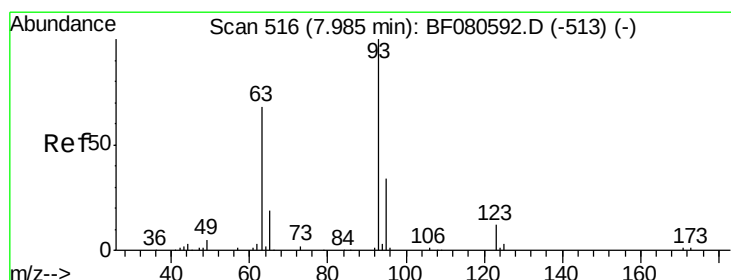
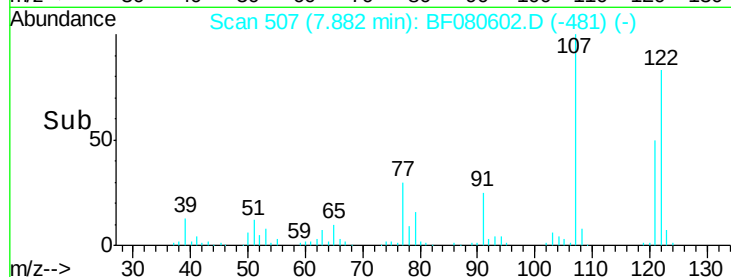
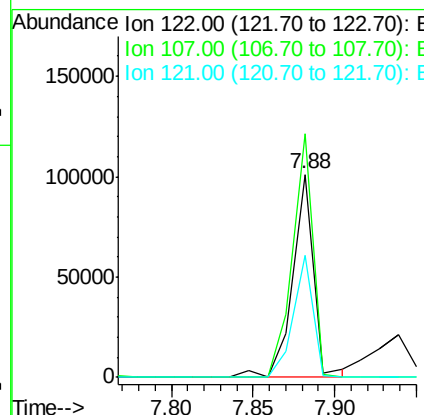
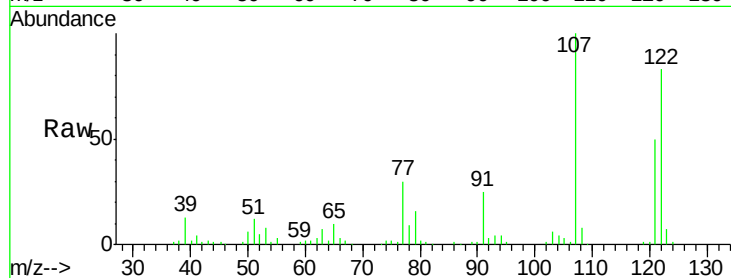




#27
 2,4-Dimethylphenol
 Concen: 39.32 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

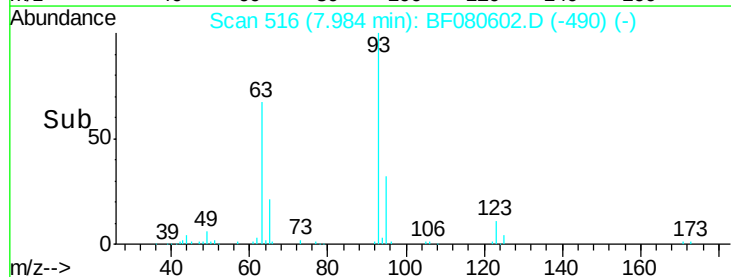
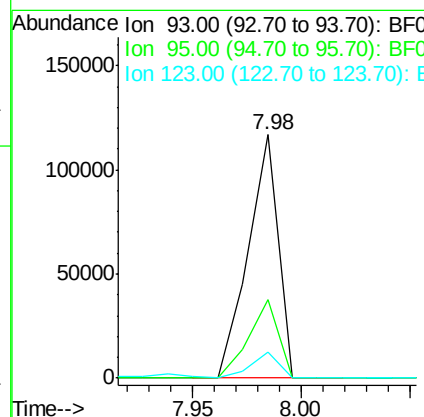
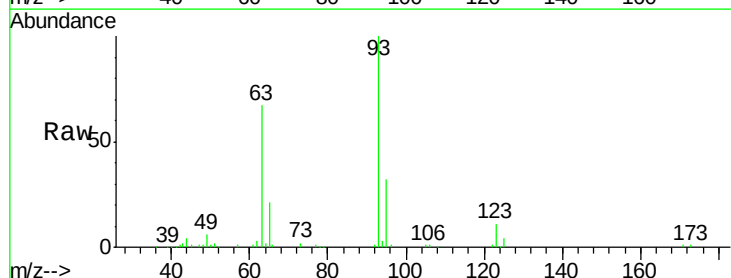
Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

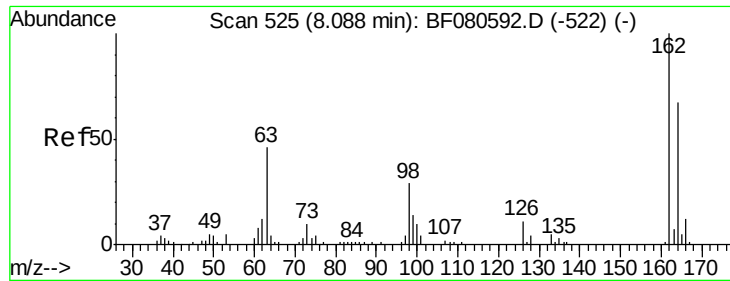
Tgt Ion: 122 Resp: 91154
 Ion Ratio Lower Upper
 122 100
 107 119.8 92.3 138.5
 121 60.0 47.1 70.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.59 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Tgt Ion: 93 Resp: 111322
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.9 38.9
 123 10.9 10.3 15.5

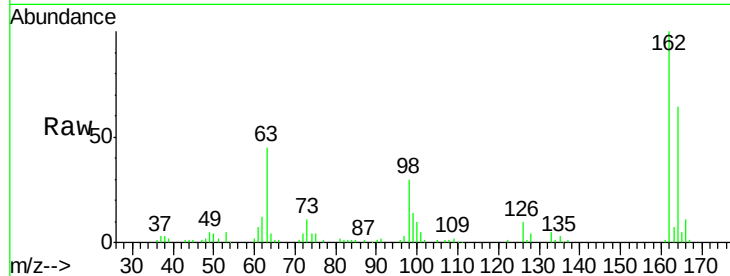




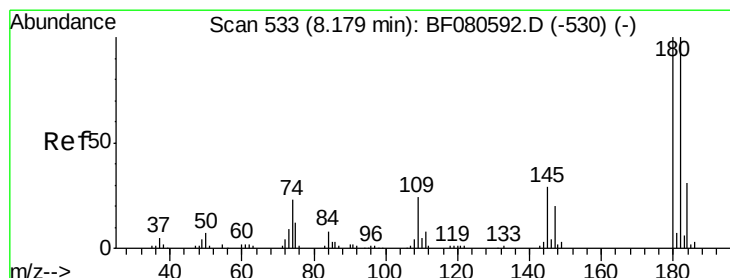
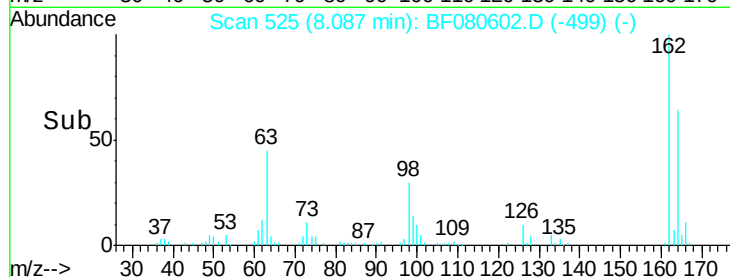
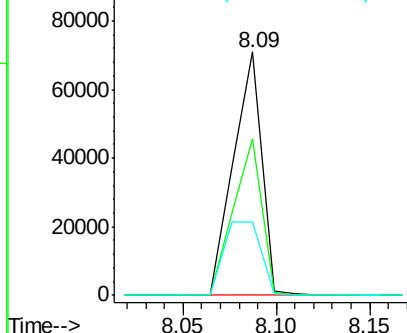
#29
 2,4-Dichlorophenol
 Concen: 39.87 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

Tgt Ion:162 Resp: 75579
 Ion Ratio Lower Upper
 162 100
 164 64.1 44.1 84.1
 98 30.3 8.9 48.9

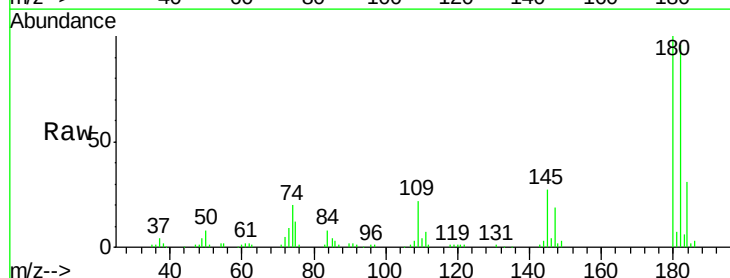


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

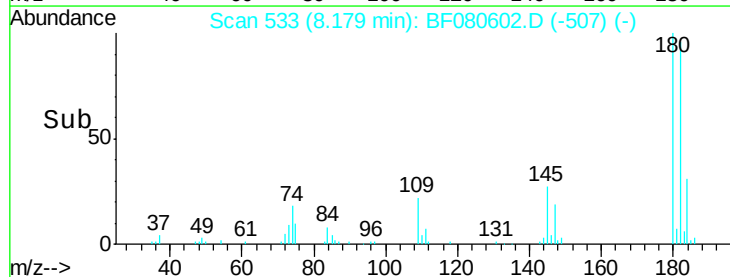
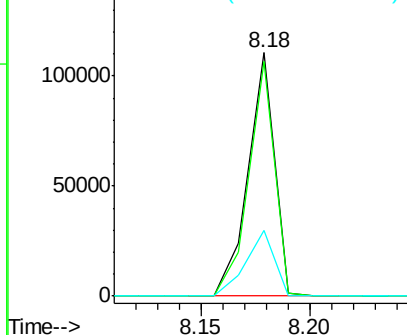


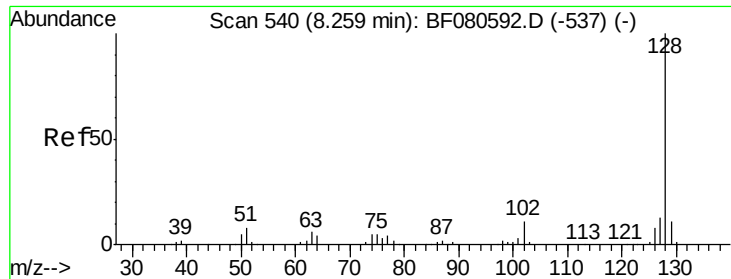
#30
 1,2,4-Trichlorobenzene
 Concen: 37.78 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Tgt Ion:180 Resp: 93120
 Ion Ratio Lower Upper
 180 100
 182 96.2 79.0 118.4
 145 27.2 22.0 33.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

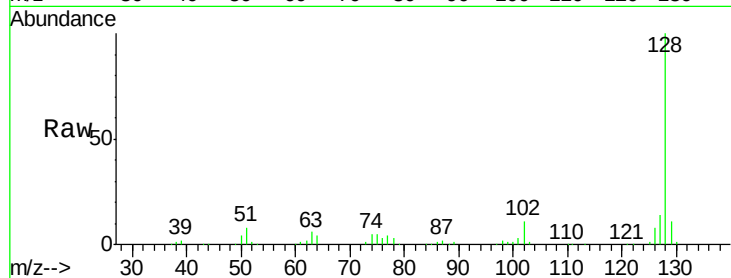




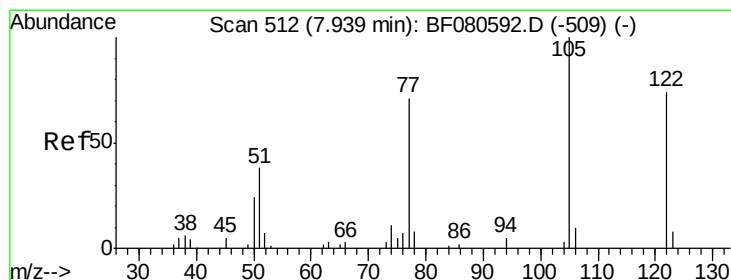
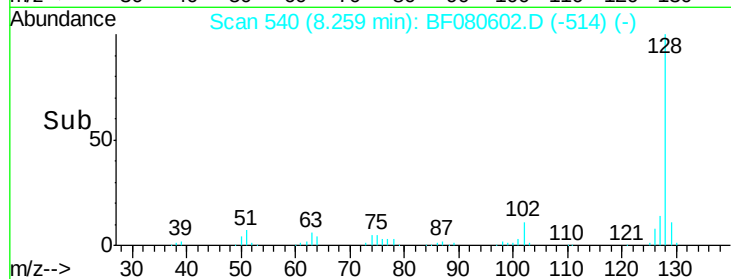
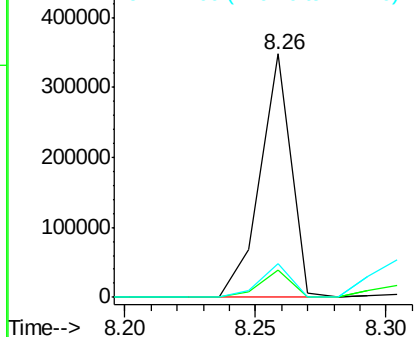
#31
Naphthalene
Concen: 37.13 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Instrument :
BNA_F
ClientSampleId :
PB84614BS

Tgt Ion:128 Resp: 289172
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.6 10.7 16.1

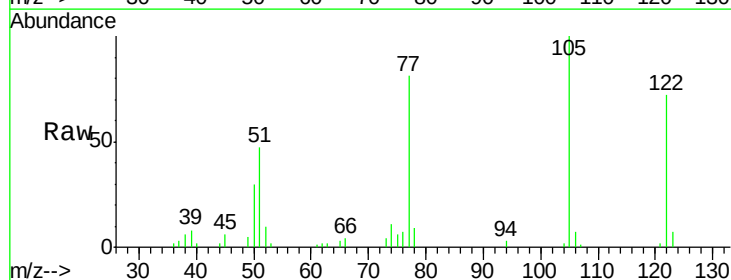


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

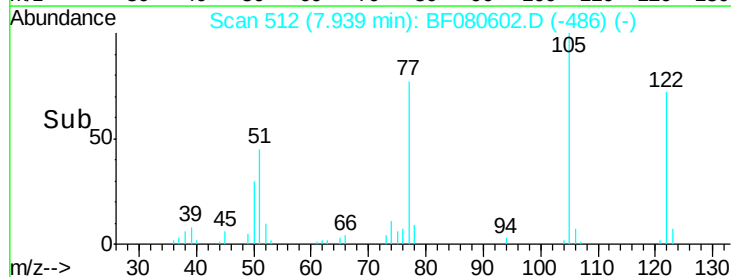
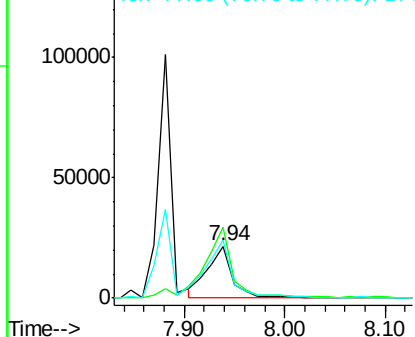


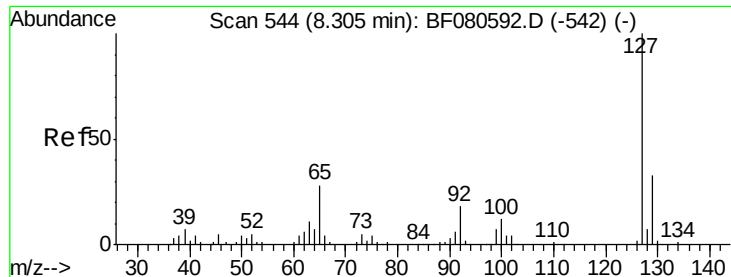
#32
Benzoic acid
Concen: 37.70 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Tgt Ion:122 Resp: 38838
Ion Ratio Lower Upper
122 100
105 138.0 112.5 152.5
77 112.0 102.5 142.5



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

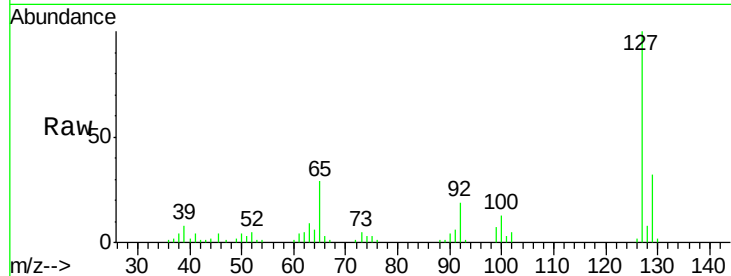




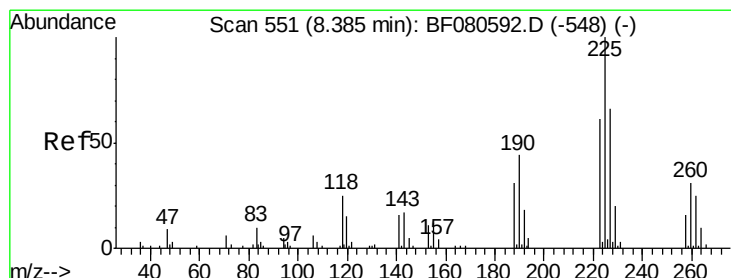
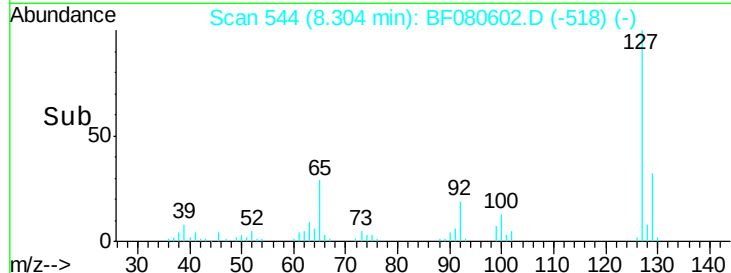
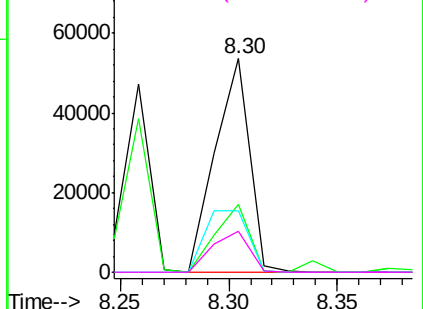
#33
4-Chloroaniline
Concen: 19.24 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Instrument :
BNA_F
ClientSampleId :
PB84614BS

Tgt Ion:	127	Resp:	58779
Ion	Ratio	Lower	Upper
127	100		
129	31.7	27.8	41.6
65	28.6	21.2	31.8
92	19.1	13.9	20.9

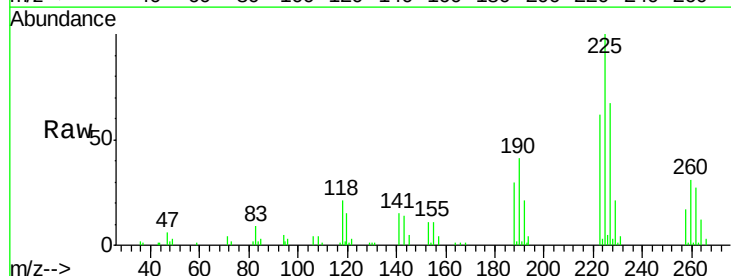


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

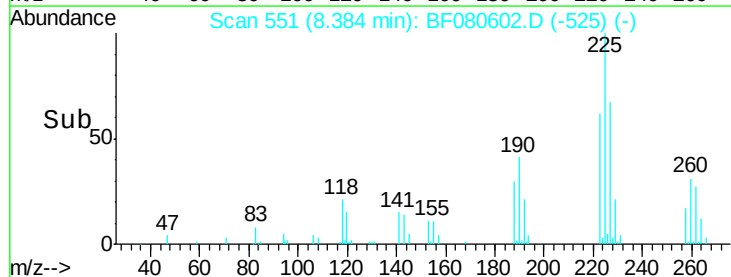
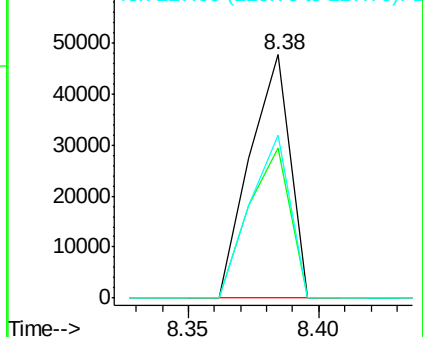


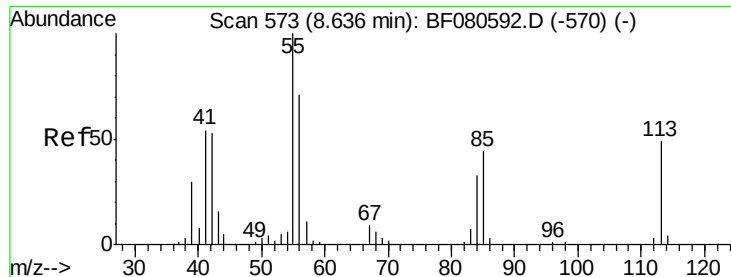
#34
Hexachlorobutadiene
Concen: 35.87 ng
RT: 8.38 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Tgt Ion:	225	Resp:	51545
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.3	75.5
227	66.7	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: 40.01 ng

RT: 8.64 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PB84614BS

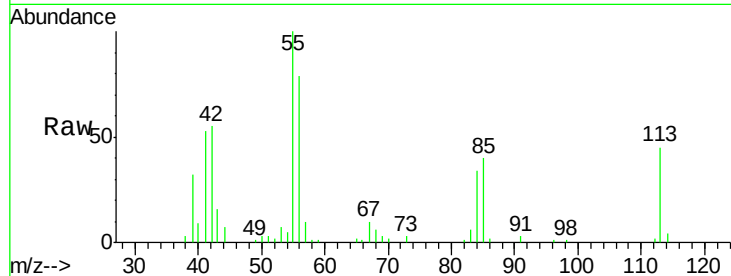
Tgt Ion:113 Resp: 20424

Ion Ratio Lower Upper

113 100

55 223.6 259.3 299.3#

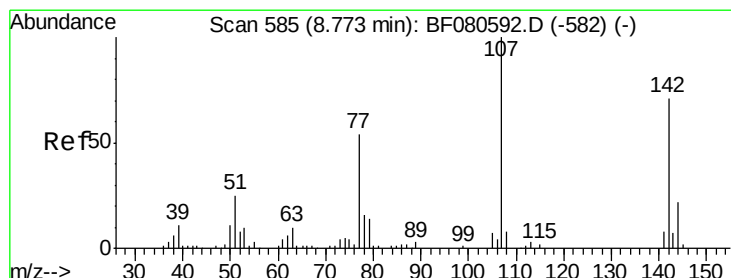
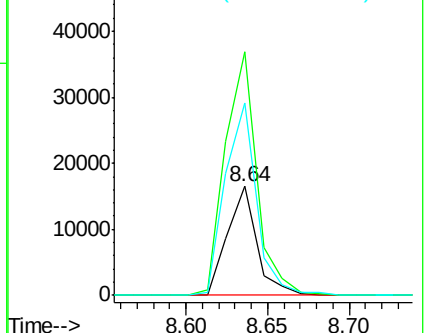
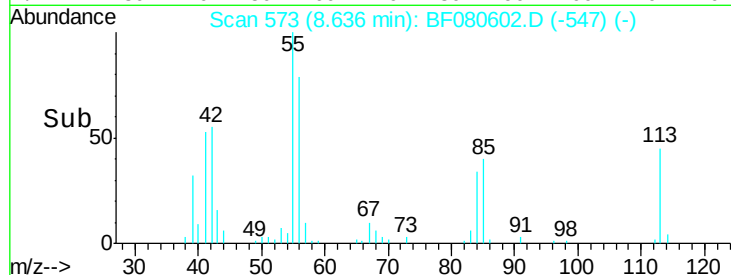
56 177.0 171.6 211.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.23 ng

RT: 8.77 min Scan# 585

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

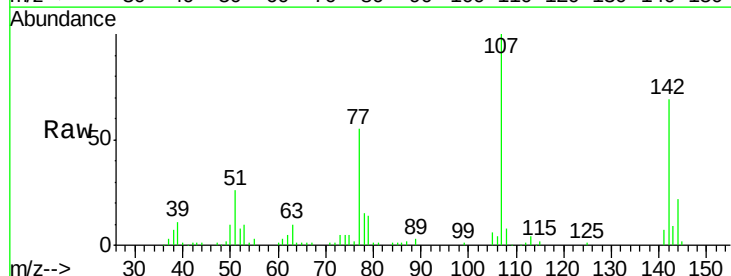
Tgt Ion:107 Resp: 97499

Ion Ratio Lower Upper

107 100

144 21.8 17.7 26.5

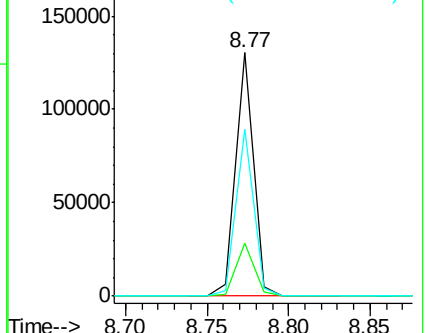
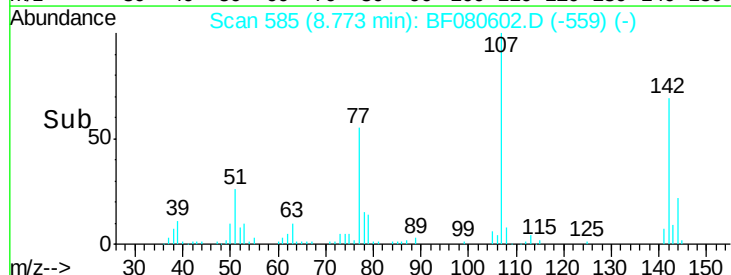
142 68.5 57.7 86.5

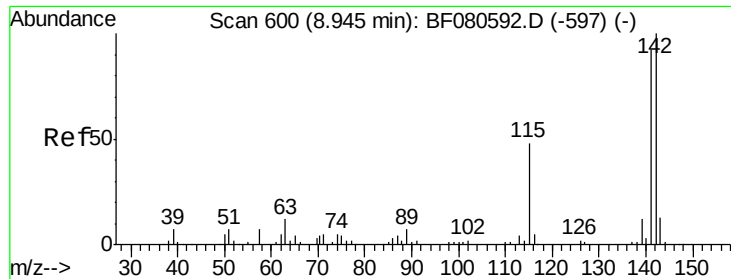


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

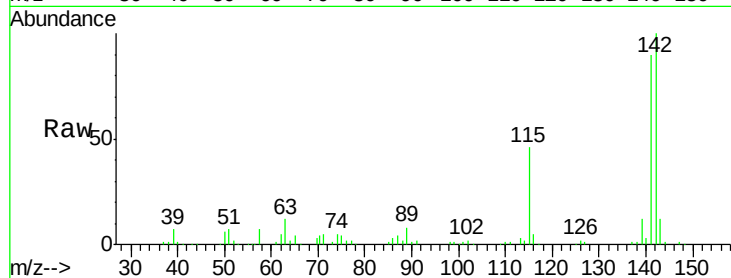




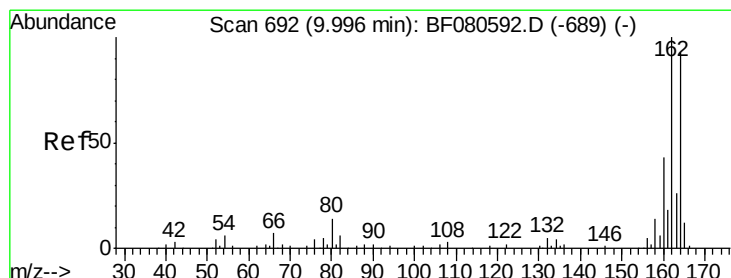
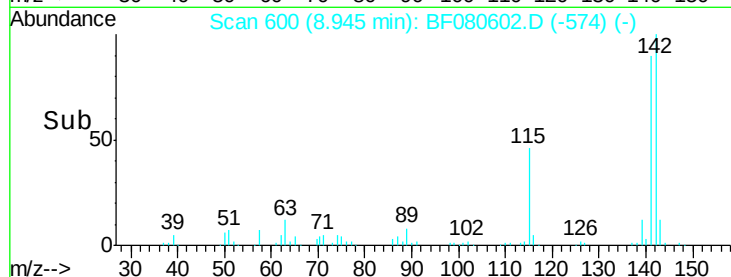
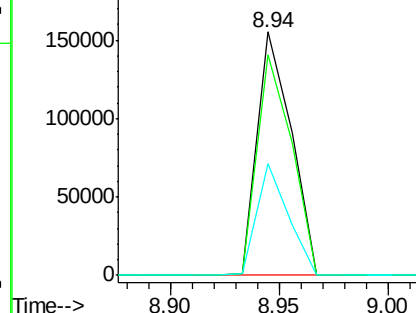
#37
 2-Methylnaphthalene
 Concen: 38.85 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

Tgt Ion:142 Resp: 169410
 Ion Ratio Lower Upper
 142 100
 141 90.4 72.6 109.0
 115 46.1 38.2 57.2

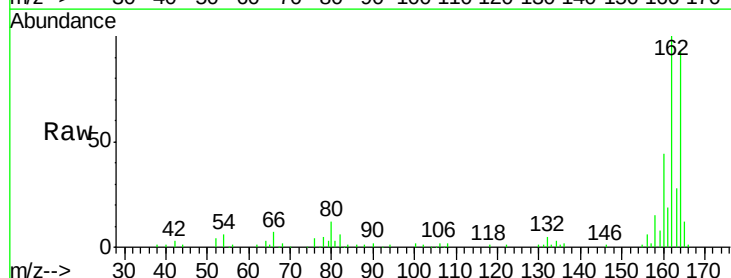


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

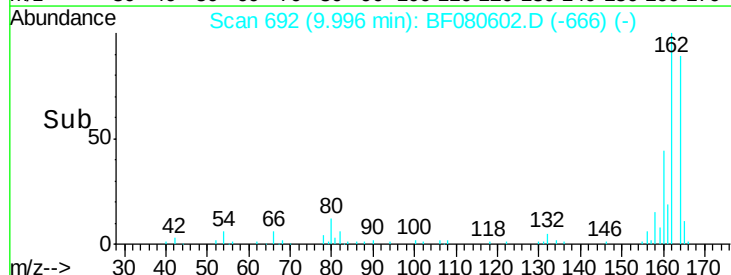
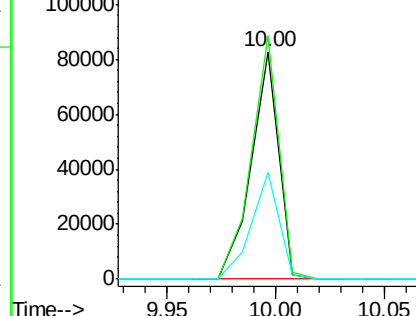


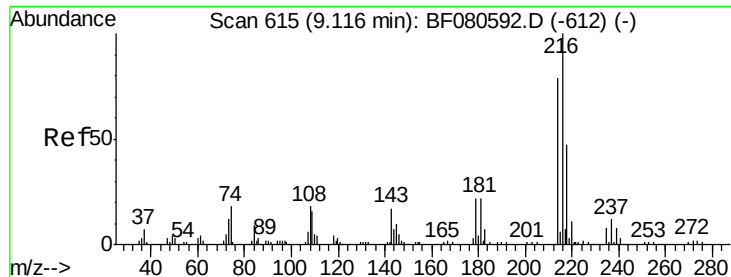
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Tgt Ion:164 Resp: 72142
 Ion Ratio Lower Upper
 164 100
 162 107.0 82.2 123.4
 160 46.9 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

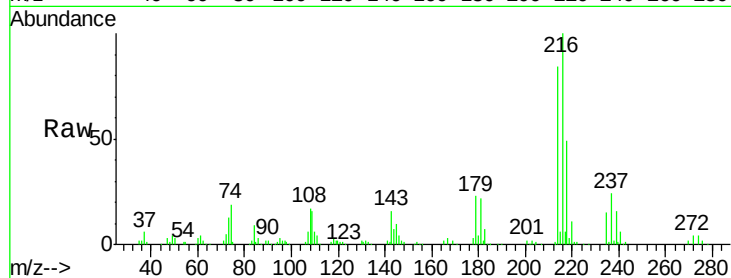




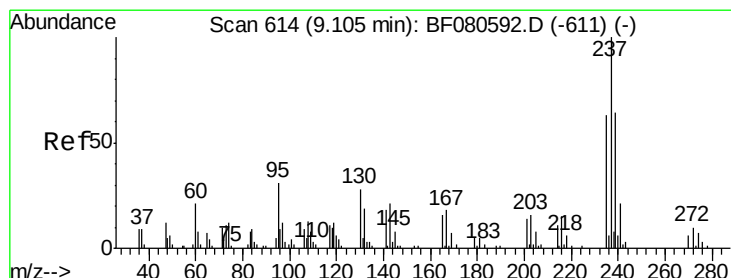
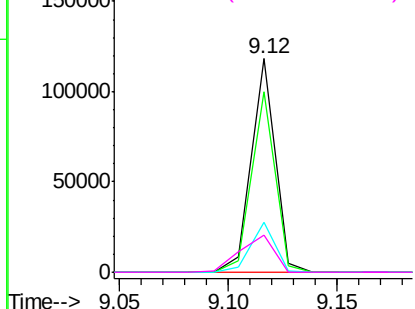
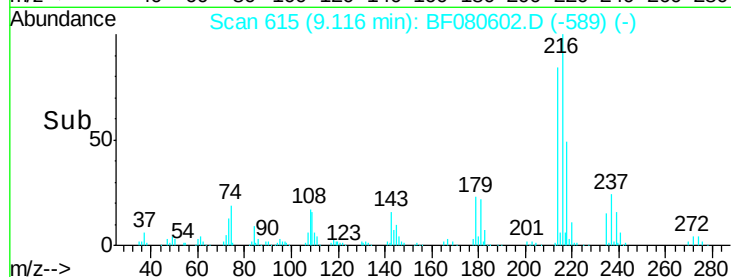
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.10 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

Tgt Ion:216 Resp: 90513
 Ion Ratio Lower Upper
 216 100
 214 83.5 62.6 93.8
 179 23.9 18.0 27.0
 108 24.3 15.9 23.9#

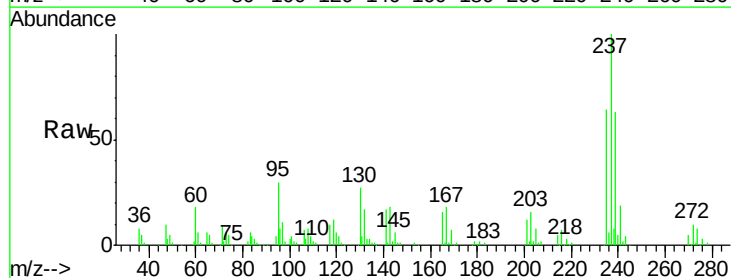


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

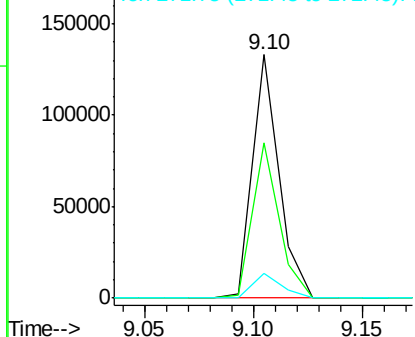
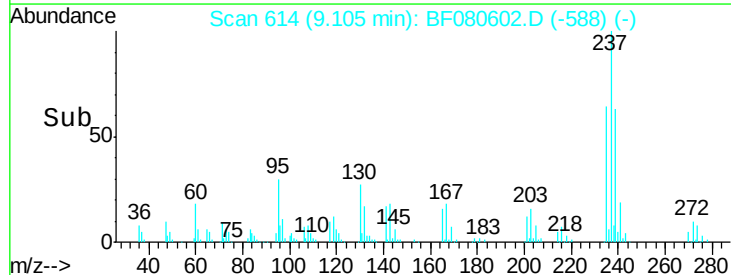


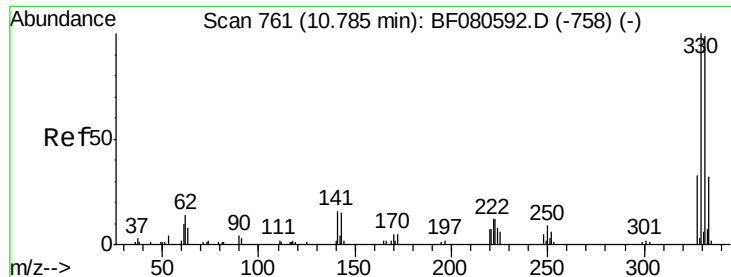
#40
 Hexachlorocyclopentadiene
 Concen: 87.31 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Tgt Ion:237 Resp: 112160
 Ion Ratio Lower Upper
 237 100
 235 63.6 47.3 87.3
 272 10.4 0.0 31.5



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

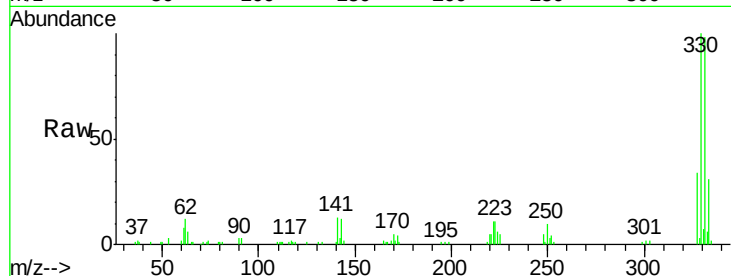




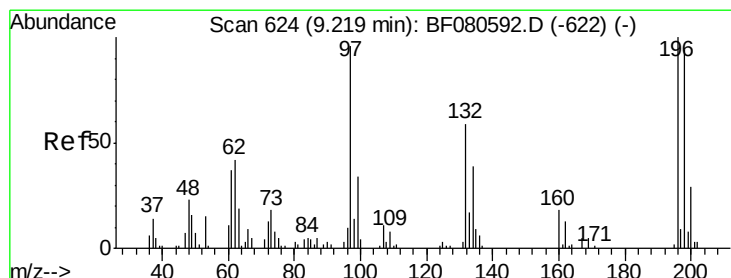
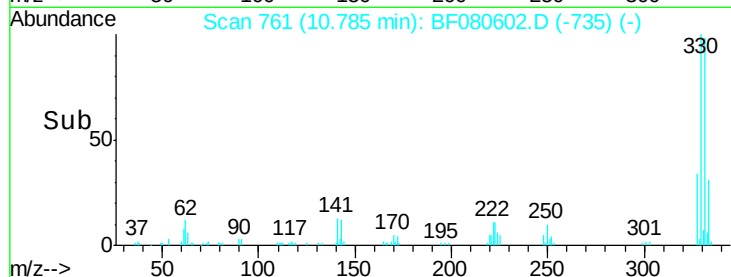
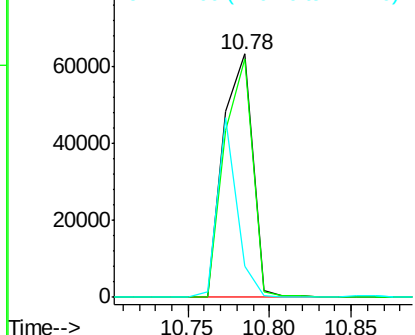
#41
 2,4,6-Tribromophenol
 Concen: 136.94 ng
 RT: 10.78 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

Tgt Ion:330 Resp: 78280
 Ion Ratio Lower Upper
 330 100
 332 94.5 78.3 117.5
 141 49.3 37.9 56.9

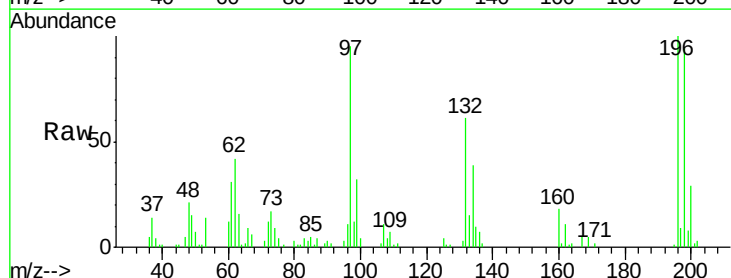


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

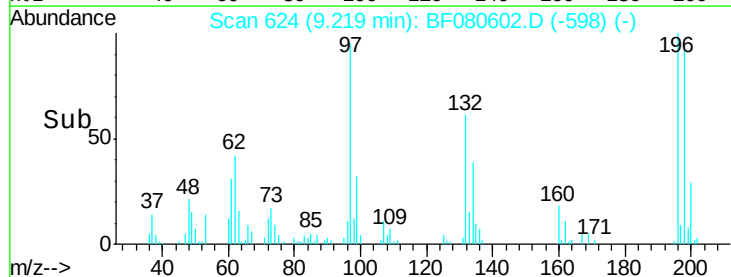
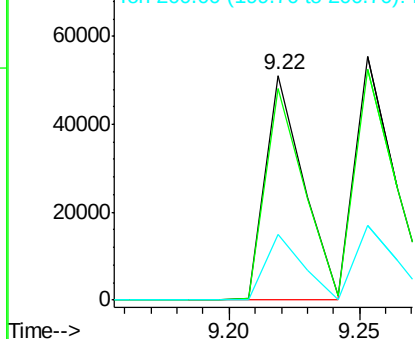


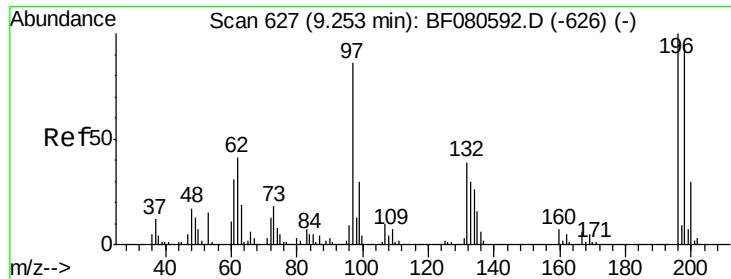
#42
 2,4,6-Trichlorophenol
 Concen: 38.03 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Tgt Ion:196 Resp: 52039
 Ion Ratio Lower Upper
 196 100
 198 94.2 73.9 110.9
 200 29.2 23.4 35.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

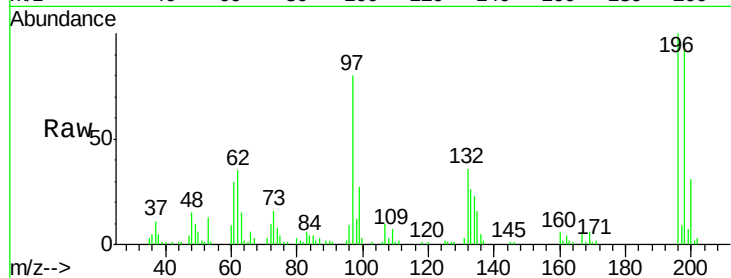




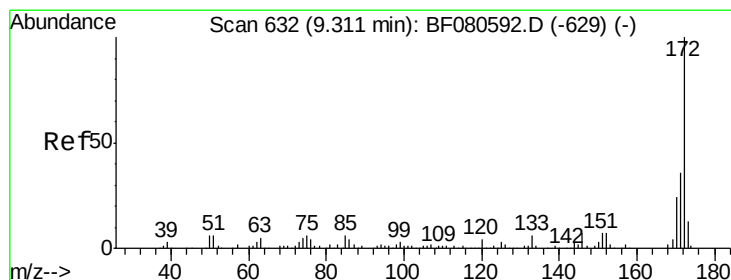
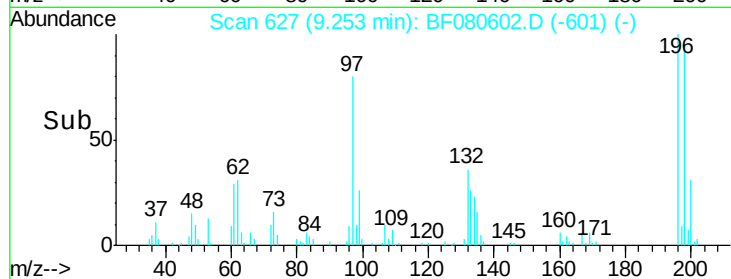
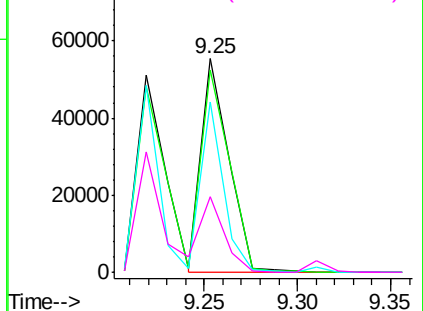
#43
 2,4,5-Trichlorophenol
 Concen: 41.17 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

Tgt Ion:196 Resp: 56862
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.9 115.3
 97 79.6 63.0 94.4
 132 35.6 30.1 45.1

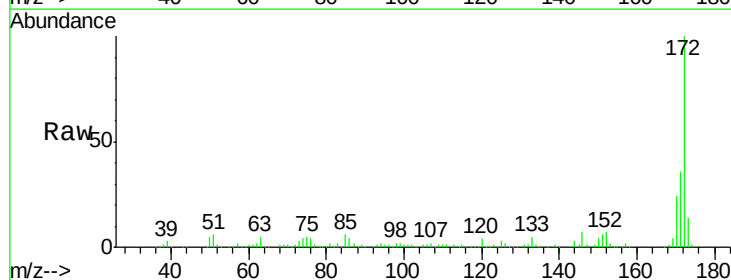


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

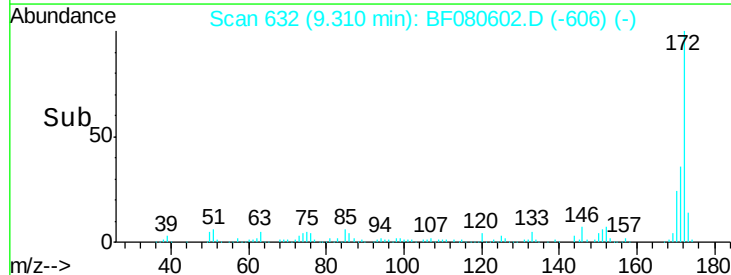
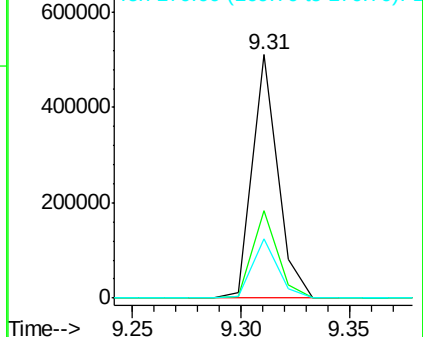


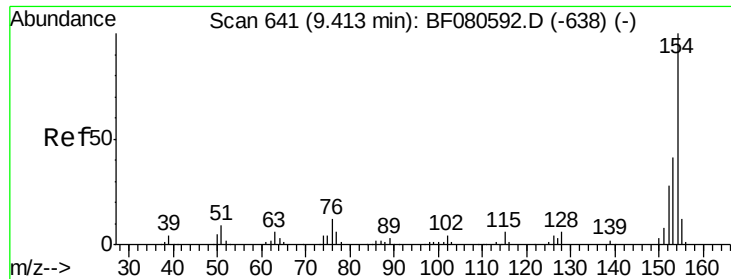
#44
 2-Fluorobiphenyl
 Concen: 83.26 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Tgt Ion:172 Resp: 413979
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.7 41.5
 170 24.3 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

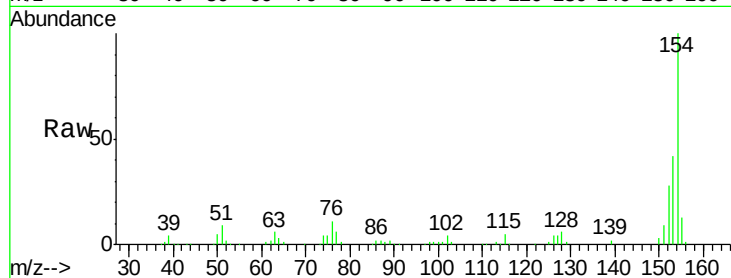




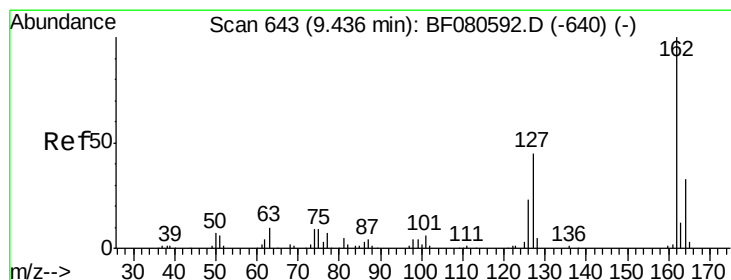
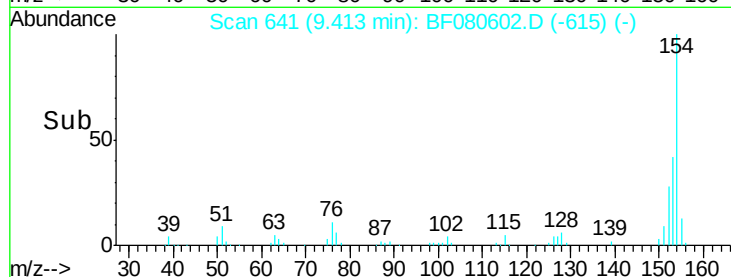
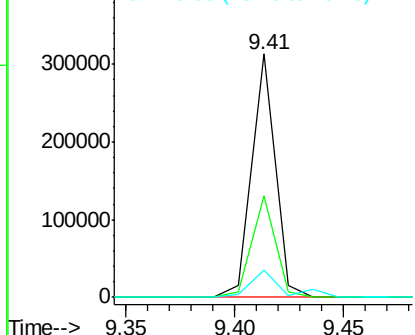
#45
 1,1'-Biphenyl
 Concen: 40.17 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

Tgt Ion:154 Resp: 235920
 Ion Ratio Lower Upper
 154 100
 153 41.9 21.8 61.8
 76 11.2 0.0 32.1

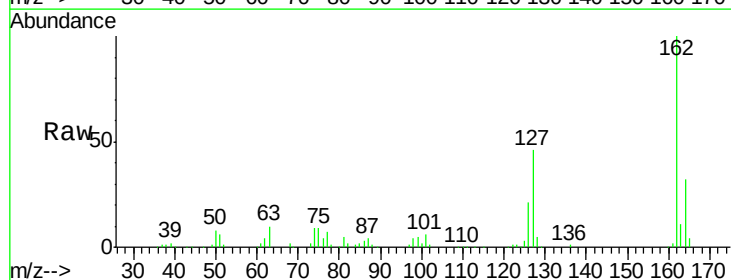


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

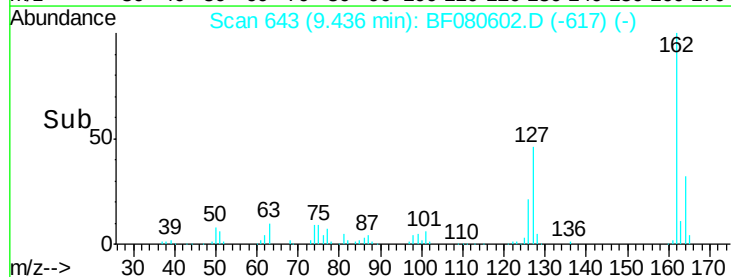
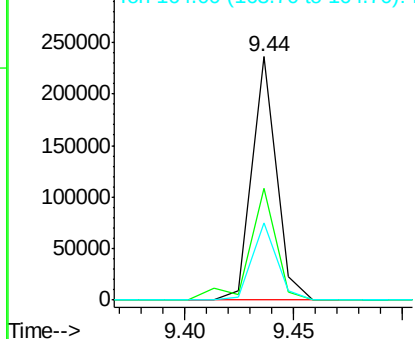


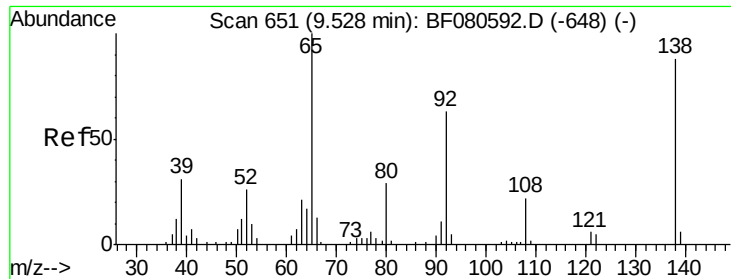
#46
 2-Chloronaphthalene
 Concen: 38.73 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Tgt Ion:162 Resp: 184000
 Ion Ratio Lower Upper
 162 100
 127 46.0 37.6 56.4
 164 31.9 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

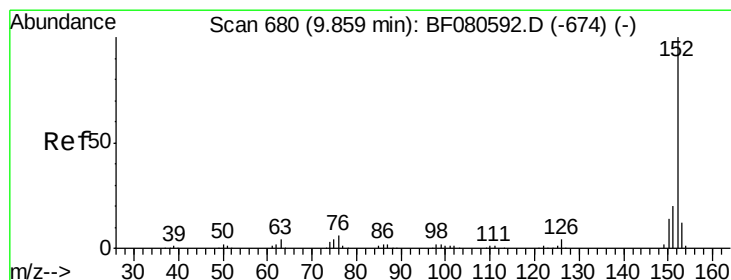
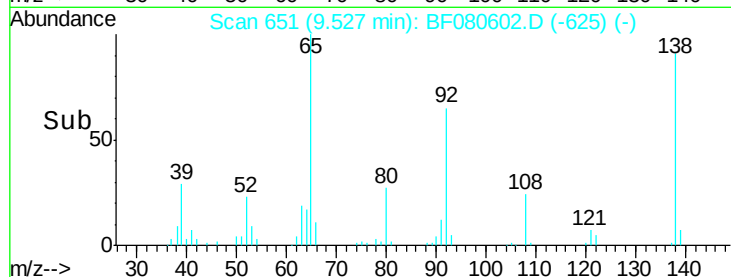
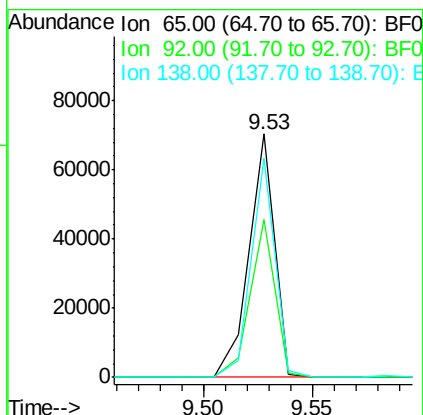
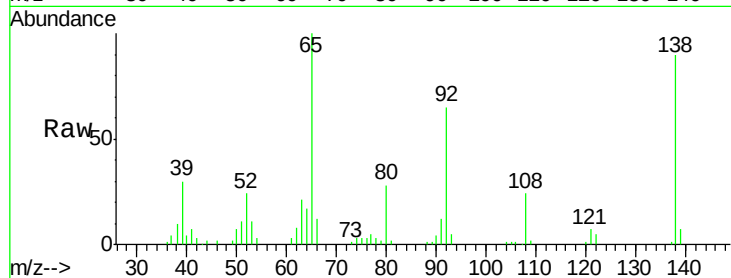




#47
 2-Nitroaniline
 Concen: 39.58 ng
 RT: 9.53 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

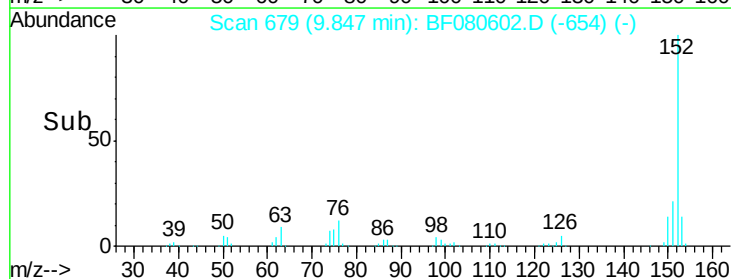
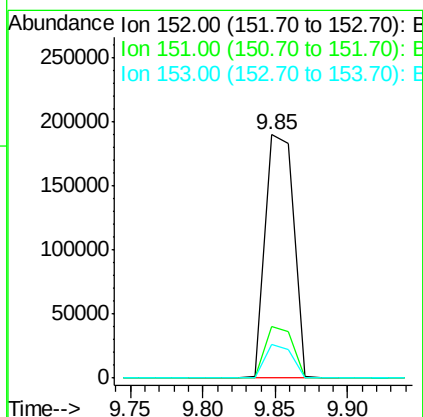
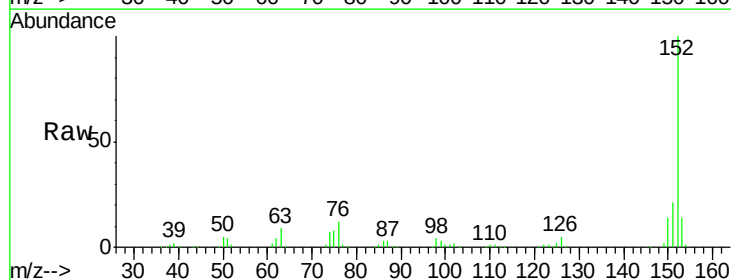
Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

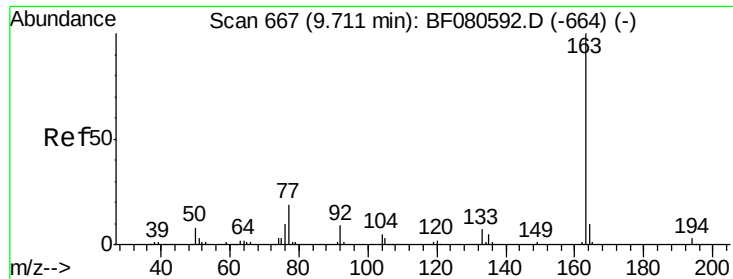
Tgt Ion: 65 Resp: 57349
 Ion Ratio Lower Upper
 65 100
 92 65.0 48.7 73.1
 138 90.0 66.8 100.2



#48
 Acenaphthylene
 Concen: 36.60 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Tgt Ion: 152 Resp: 257557
 Ion Ratio Lower Upper
 152 100
 151 21.4 16.4 24.6
 153 13.9 9.7 14.5

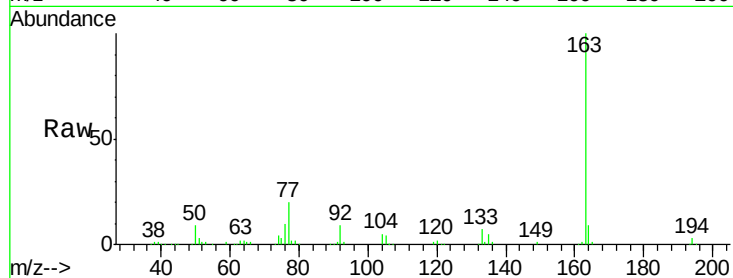




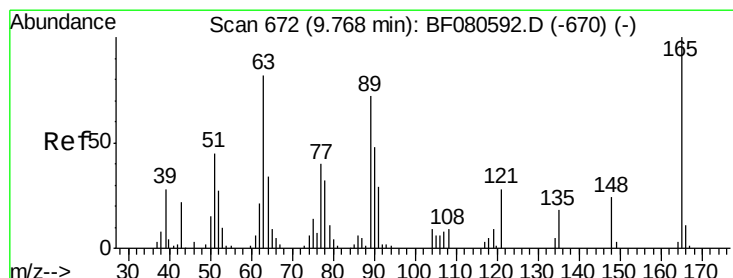
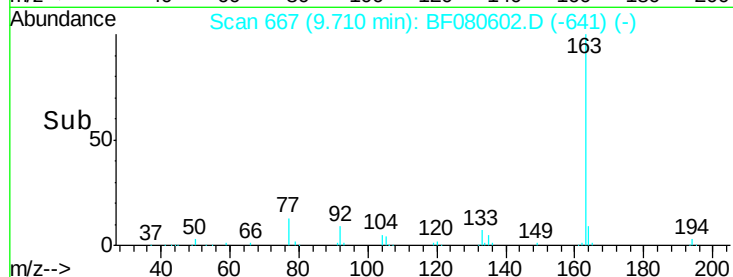
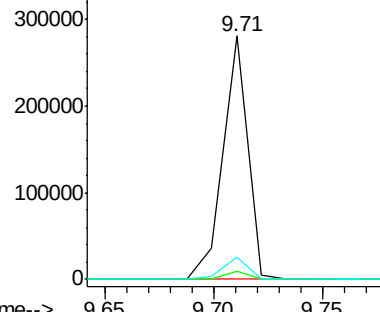
#49
Dimethylphthalate
Concen: 41.68 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Instrument :
BNA_F
ClientSampleId :
PB84614BS

Tgt Ion:163 Resp: 221232
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 9.3 8.1 12.1

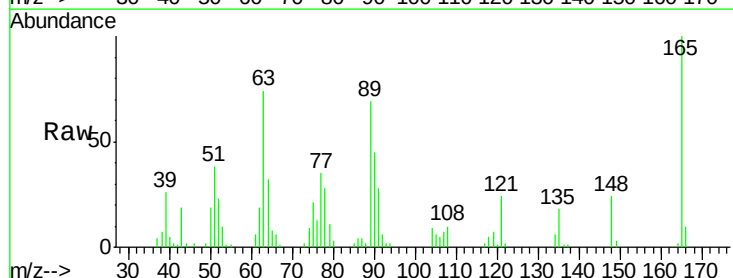


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

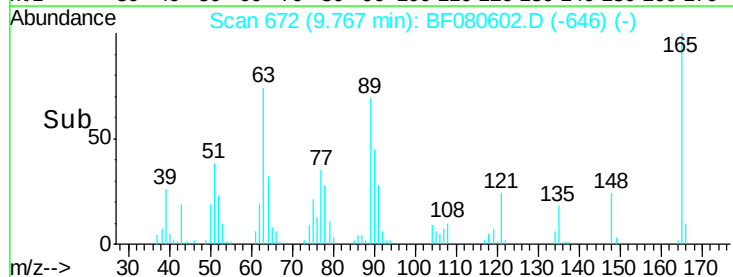
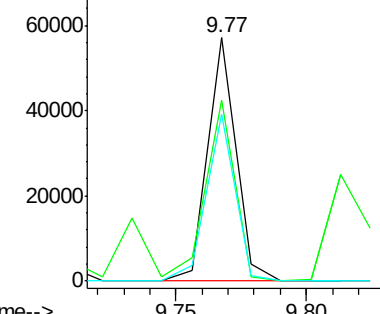


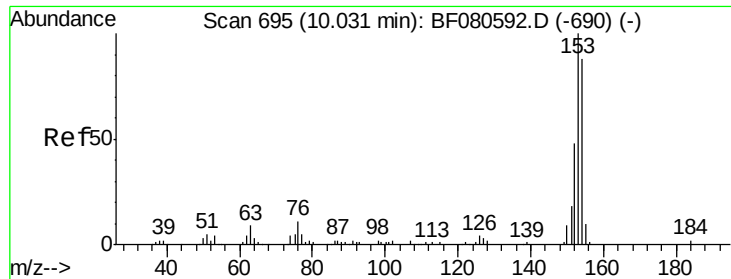
#50
2,6-Dinitrotoluene
Concen: 44.01 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Tgt Ion:165 Resp: 43691
Ion Ratio Lower Upper
165 100
63 74.5 59.0 88.6
89 68.7 56.9 85.3



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.85 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PB84614BS

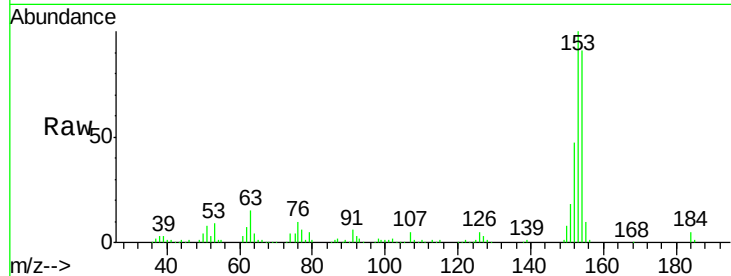
Tgt Ion:154 Resp: 176919

Ion Ratio Lower Upper

154 100

153 109.9 92.2 138.2

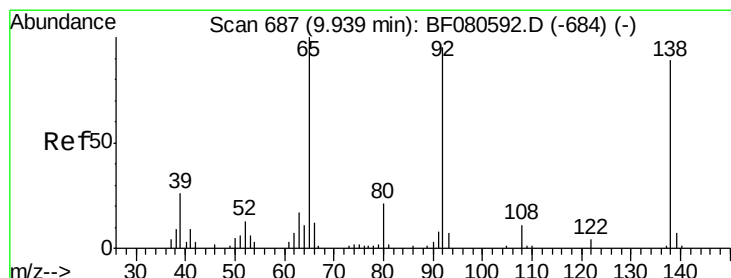
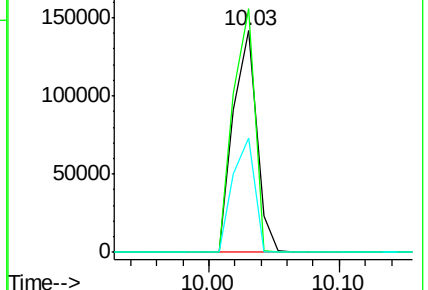
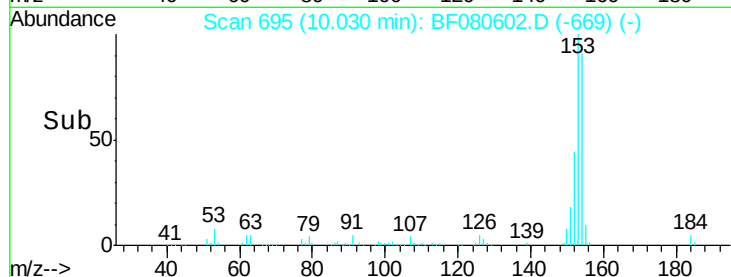
152 51.6 43.6 65.4



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: 28.32 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

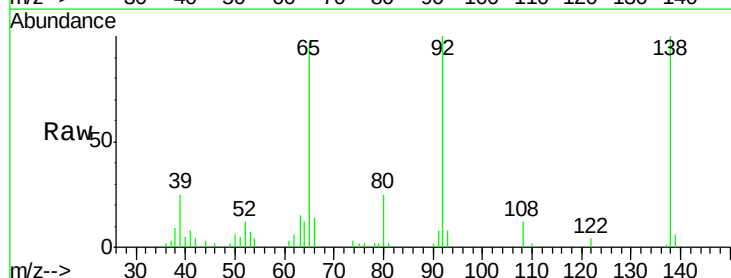
Tgt Ion:138 Resp: 30581

Ion Ratio Lower Upper

138 100

108 11.8 13.7 20.5#

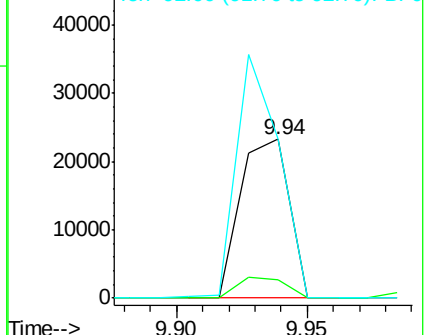
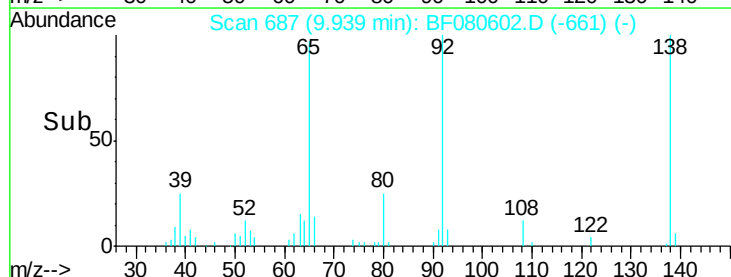
92 99.9 81.0 121.4

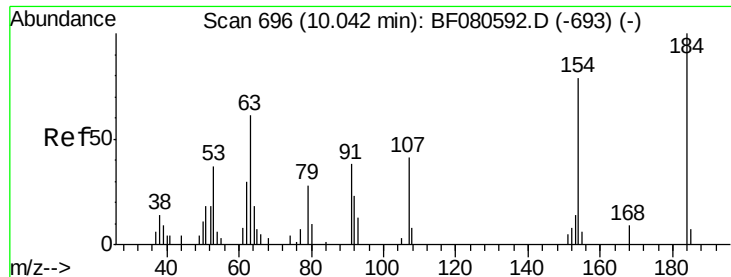


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

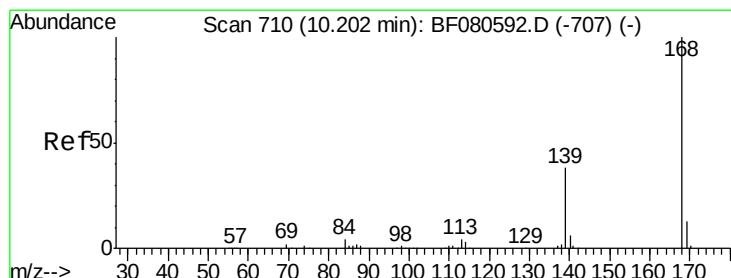
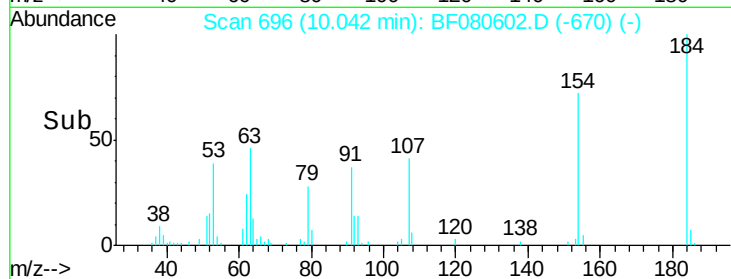
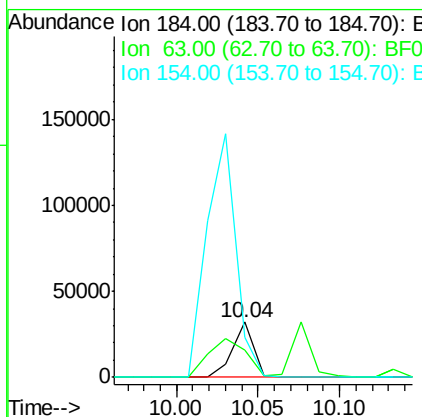
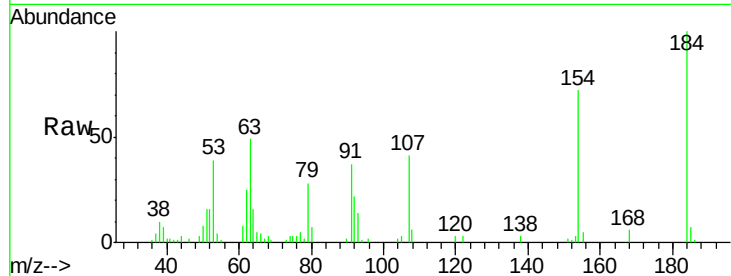




#53
 2,4-Dinitrophenol
 Concen: 78.74 ng
 RT: 10.04 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

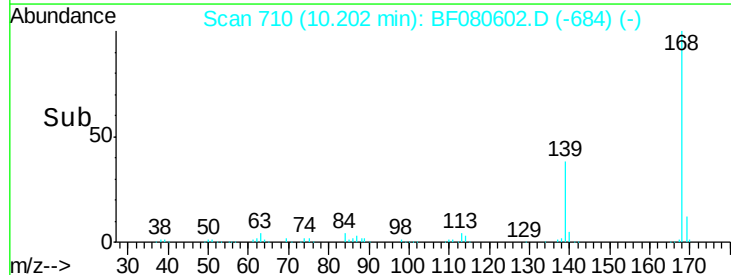
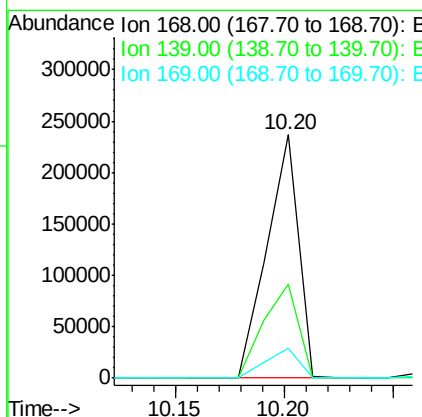
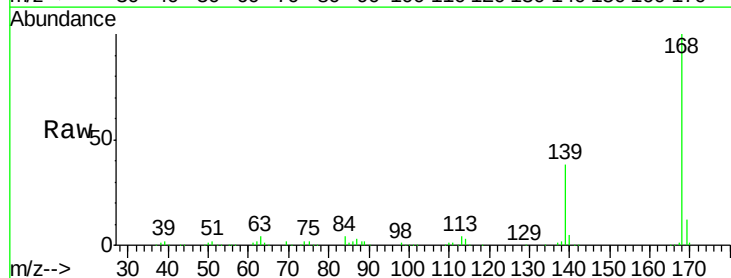
Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

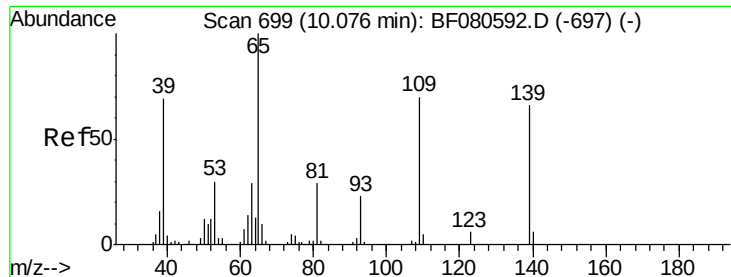
Tgt Ion:184 Resp: 28366
 Ion Ratio Lower Upper
 184 100
 63 49.5 54.9 82.3#
 154 72.0 94.2 141.4#



#54
 Dibenzofuran
 Concen: 39.48 ng
 RT: 10.20 min Scan# 710
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Tgt Ion:168 Resp: 241208
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.7 46.1
 169 12.0 9.8 14.8

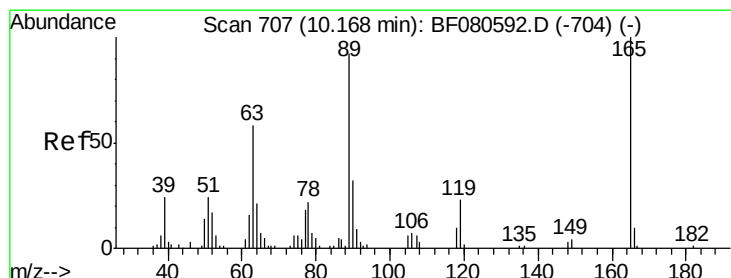
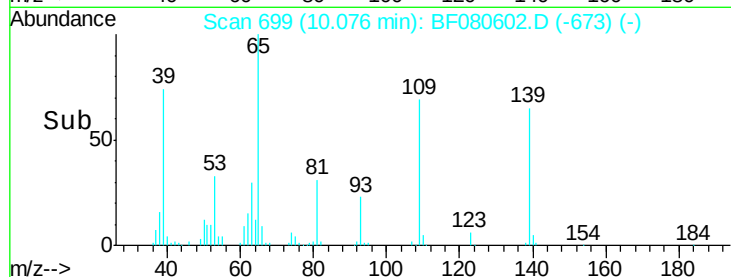
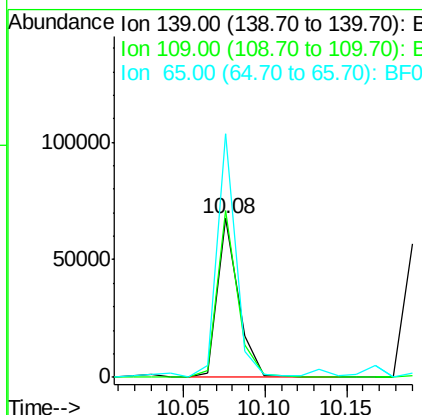
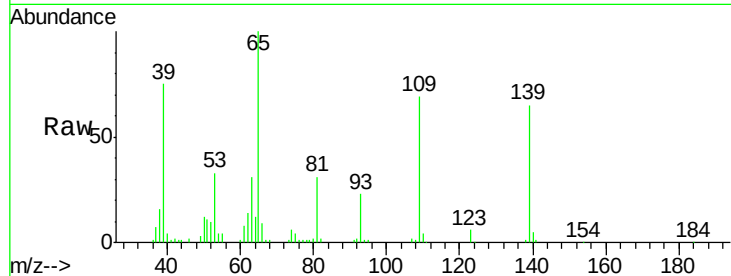




#55
4-Nitrophenol
Concen: 78.23 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

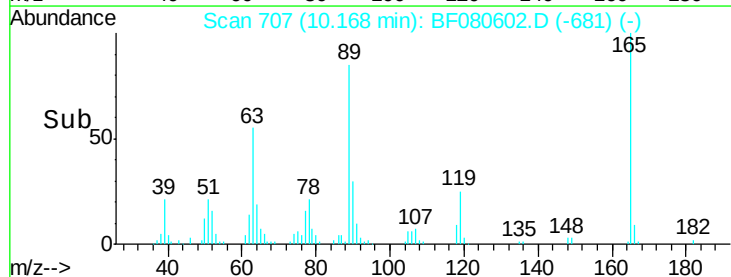
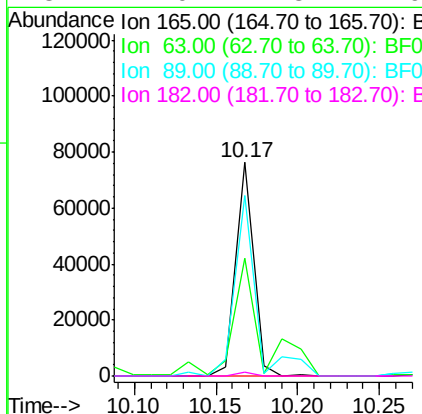
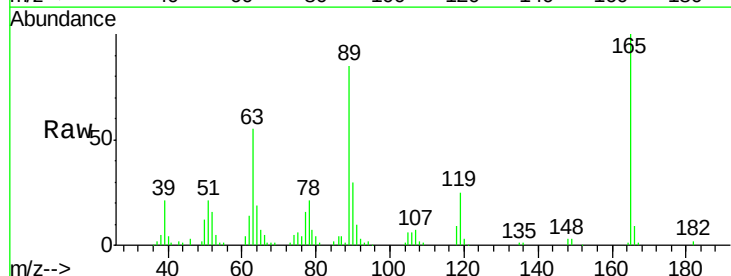
Instrument :
BNA_F
ClientSampleId :
PB84614BS

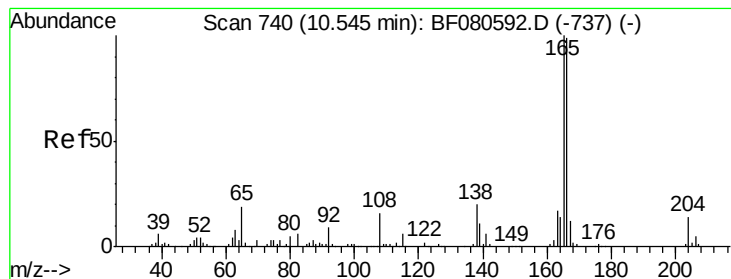
Tgt Ion:139 Resp: 61013
Ion Ratio Lower Upper
139 100
109 105.1 75.9 115.9
65 153.4 109.4 149.4#



#56
2,4-Dinitrotoluene
Concen: 46.24 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Tgt Ion:165 Resp: 57501
Ion Ratio Lower Upper
165 100
63 55.0 48.1 72.1
89 84.6 77.4 116.0
182 2.0 1.3 1.9#





#57

Fluorene

Concen: 39.65 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PB84614BS

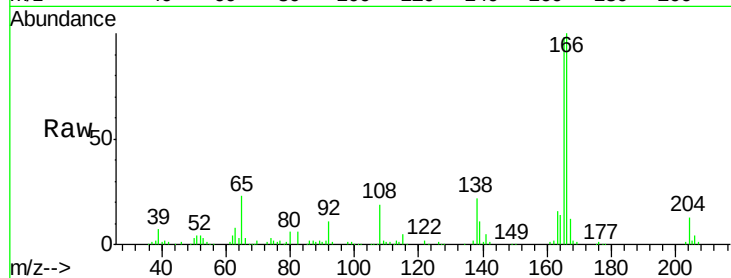
Tgt Ion:166 Resp: 194499

Ion Ratio Lower Upper

166 100

165 98.0 77.7 116.5

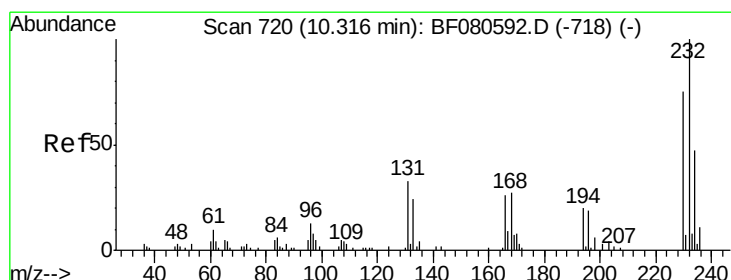
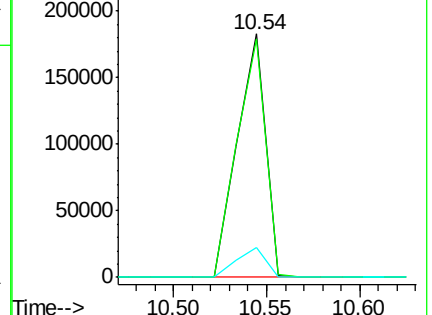
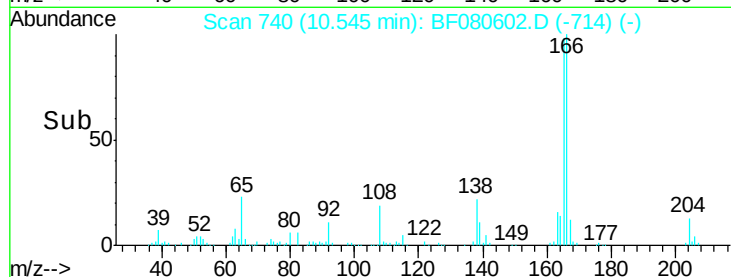
167 12.3 10.5 15.7



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: 46.46 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.05 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Tgt Ion:232 Resp: 49927

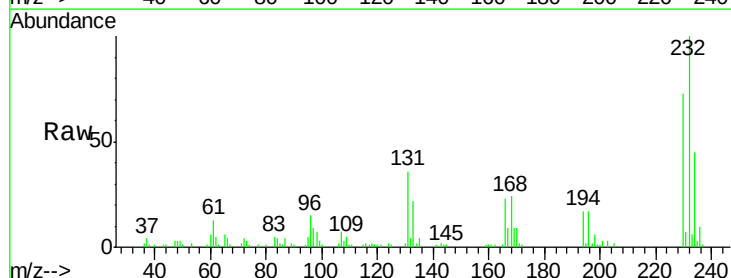
Ion Ratio Lower Upper

232 100

131 44.6 41.4 62.0

130 2.2 1.9 2.9

166 26.9 25.7 38.5

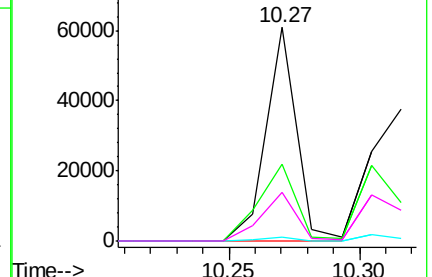
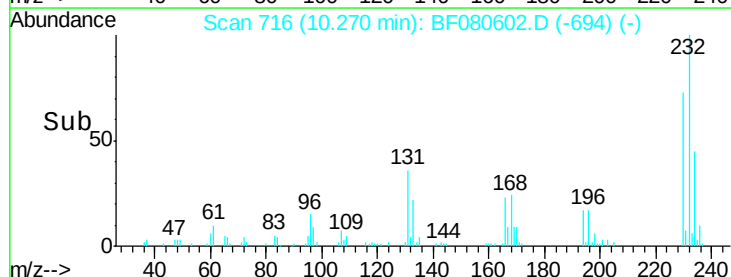


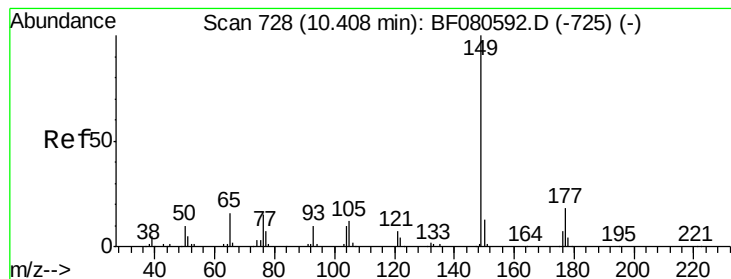
Abundance Ion 232.00 (231.70 to 232.70): E

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: 40.25 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Instrument :

BNA_F

ClientSampled :

PB84614BS

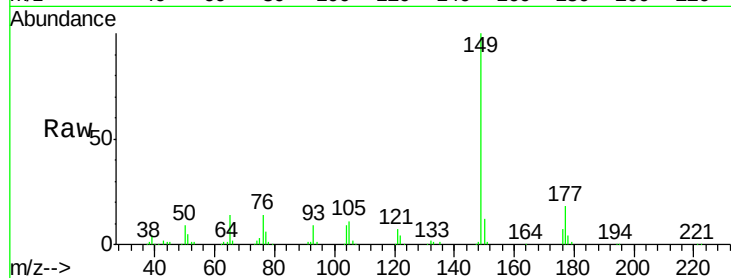
Tgt Ion:149 Resp: 199392

Ion Ratio Lower Upper

149 100

177 18.4 14.9 22.3

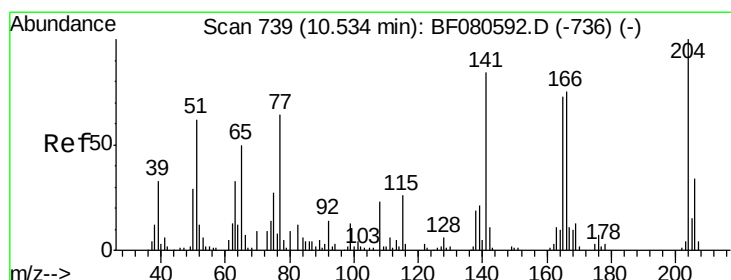
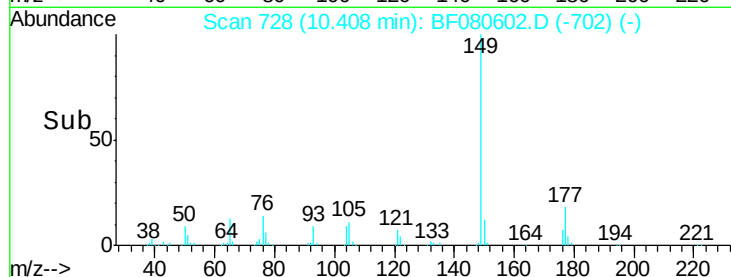
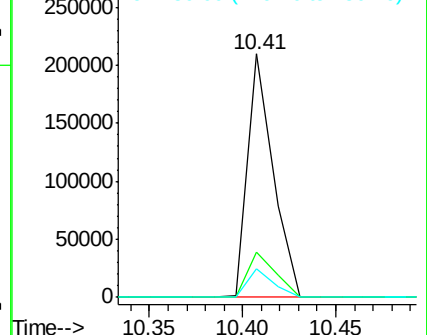
150 11.8 10.0 15.0



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: 41.23 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

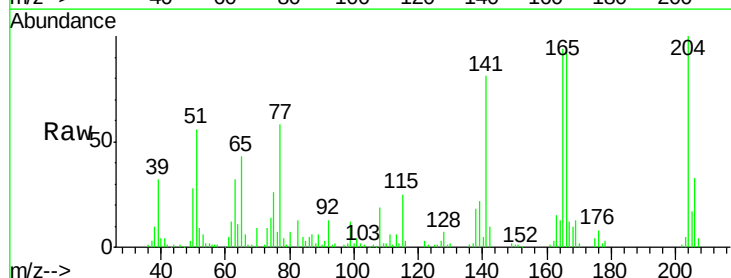
Tgt Ion:204 Resp: 90840

Ion Ratio Lower Upper

204 100

206 33.2 27.1 40.7

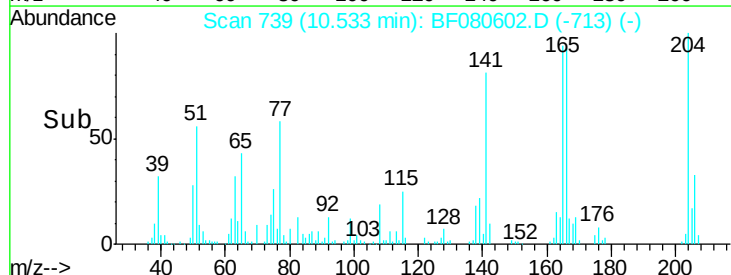
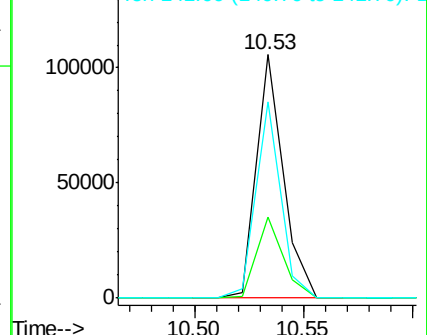
141 80.6 68.3 102.5

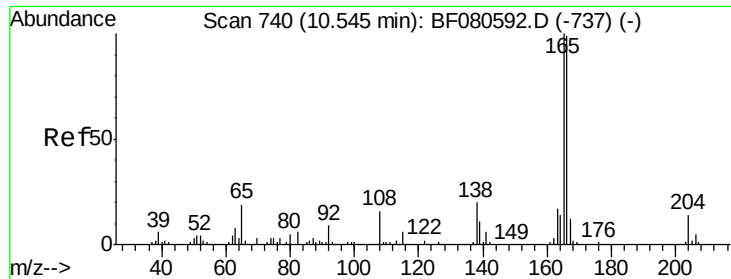


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

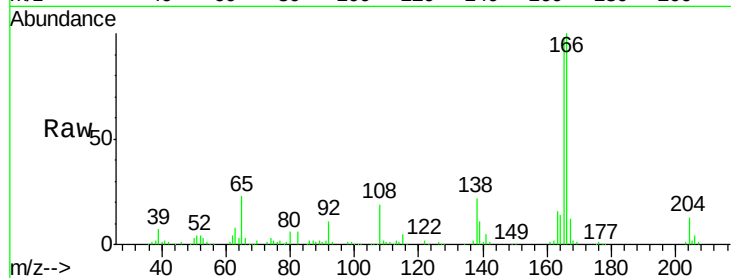




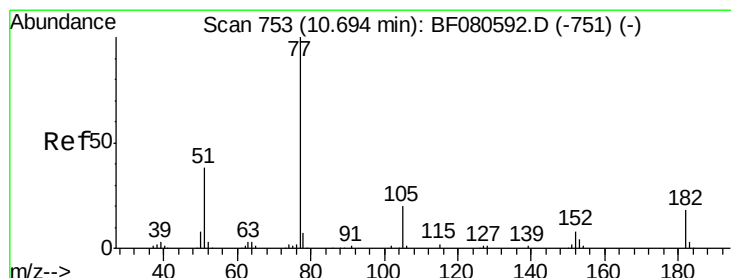
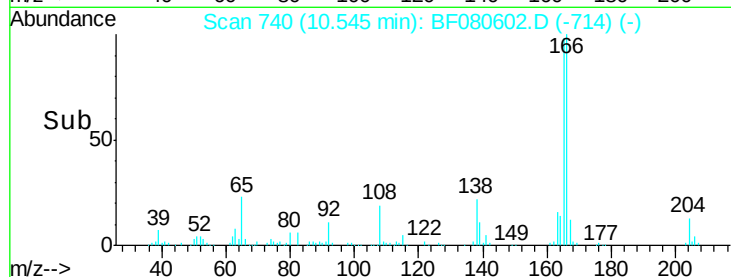
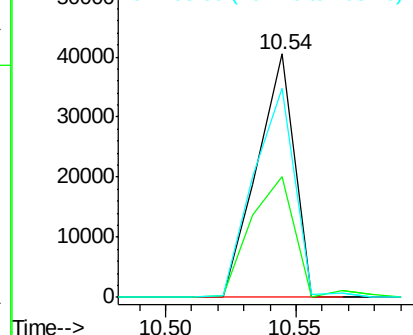
#61
4-Nitroaniline
Concen: 37.48 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Instrument :
BNA_F
ClientSampleId :
PB84614BS

Tgt Ion:138 Resp: 40753
Ion Ratio Lower Upper
138 100
92 49.5 22.6 62.6
108 85.9 62.0 102.0

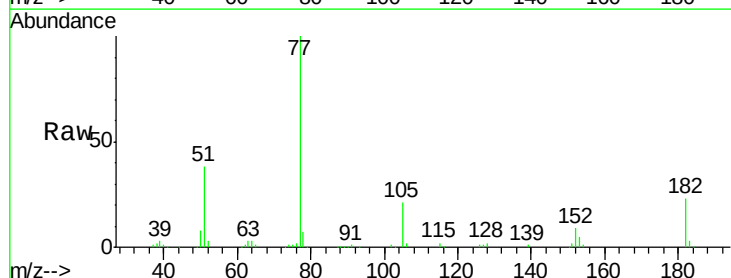


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

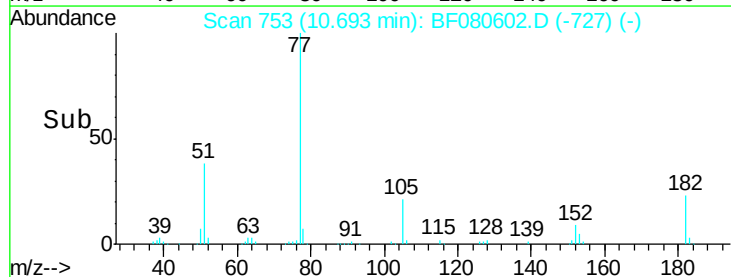
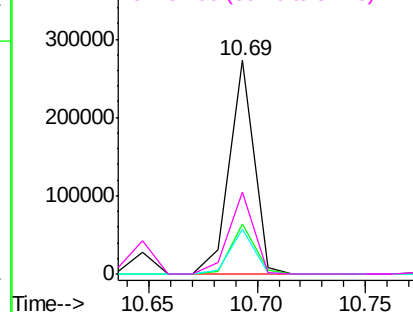


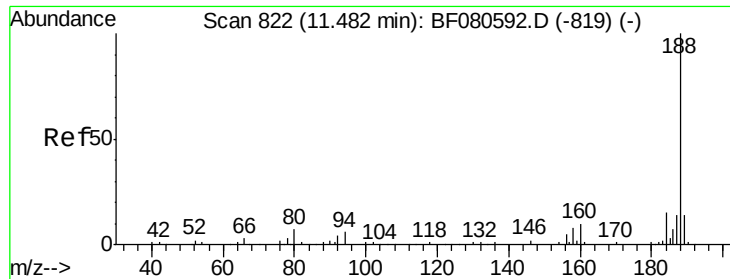
#62
Azobenzene
Concen: 41.40 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Tgt Ion: 77 Resp: 214853
Ion Ratio Lower Upper
77 100
182 23.1 0.0 37.8
105 20.9 0.1 40.1
51 38.2 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

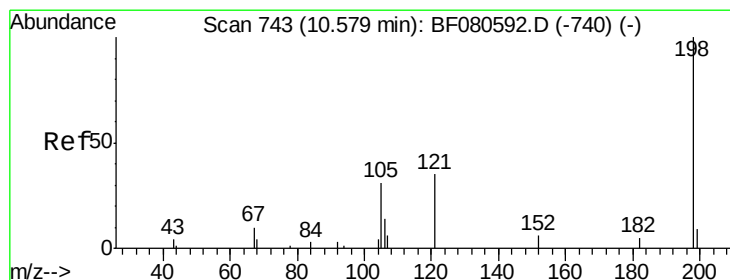
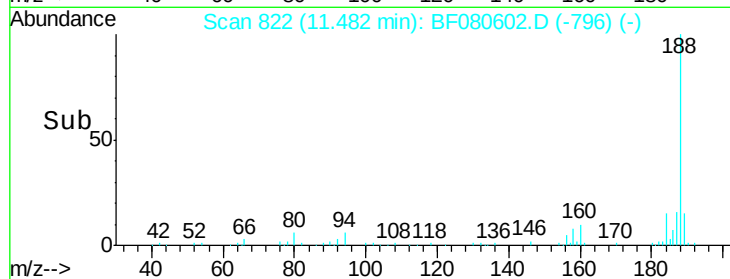
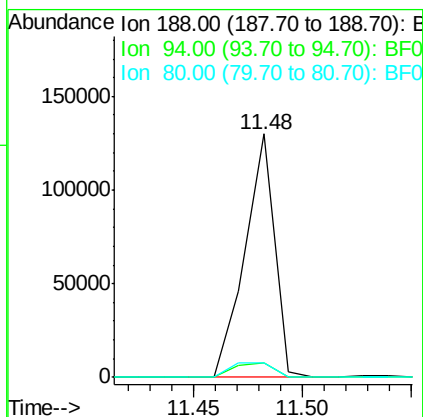
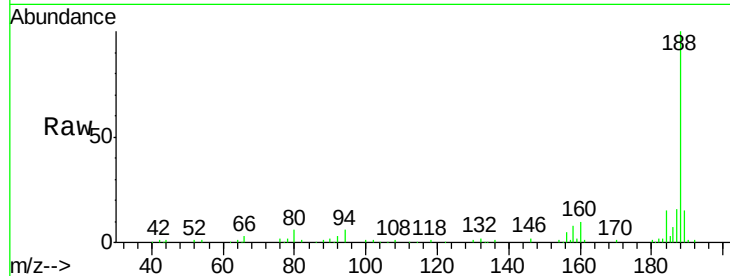




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

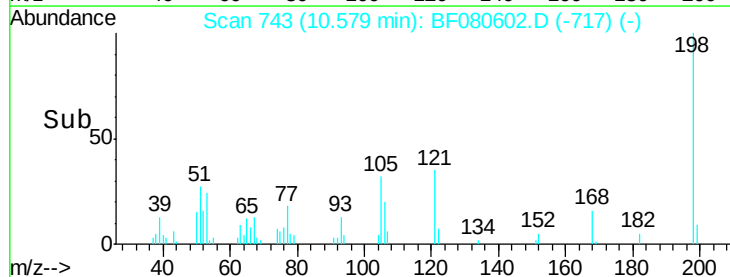
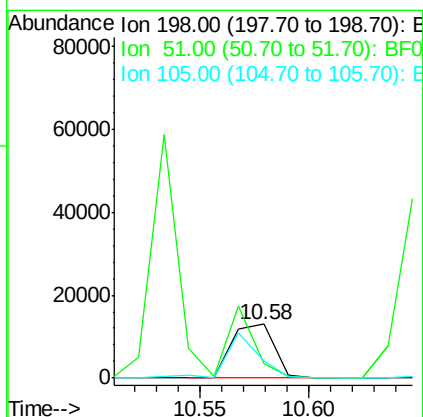
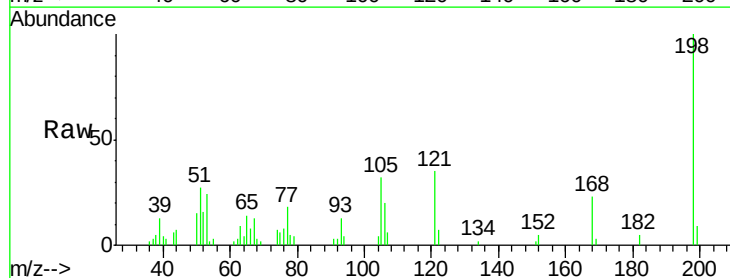
Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

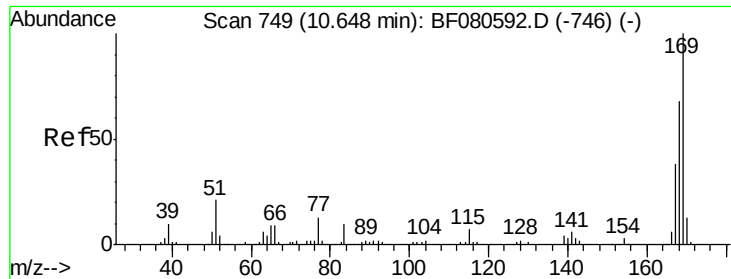
Tgt Ion:188 Resp: 122707
 Ion Ratio Lower Upper
 188 100
 94 5.9 6.1 9.1#
 80 5.7 7.0 10.6#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.63 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Tgt Ion:198 Resp: 17566
 Ion Ratio Lower Upper
 198 100
 51 26.9 32.0 72.0#
 105 32.3 16.3 56.3

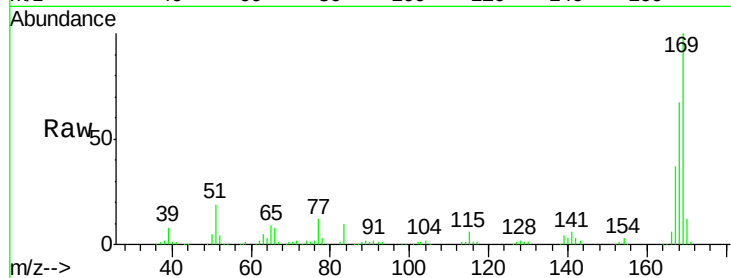




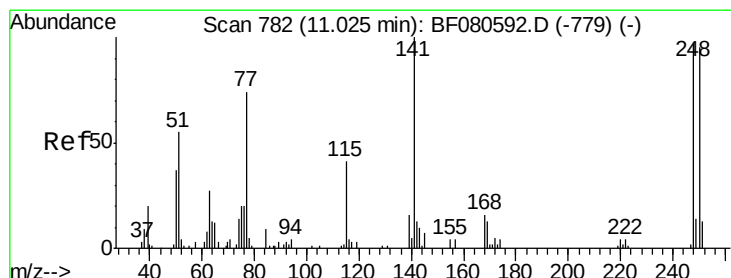
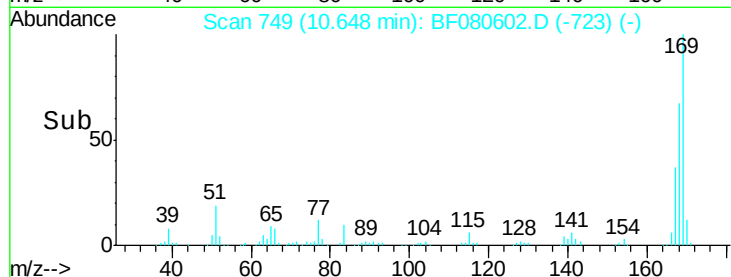
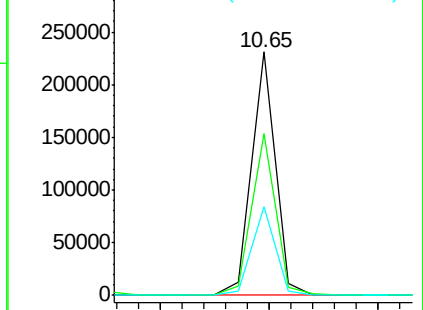
#65
 n-Nitrosodiphenylamine
 Concen: 43.41 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

Tgt Ion:169 Resp: 174800
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.3 79.9
 167 36.7 29.8 44.6

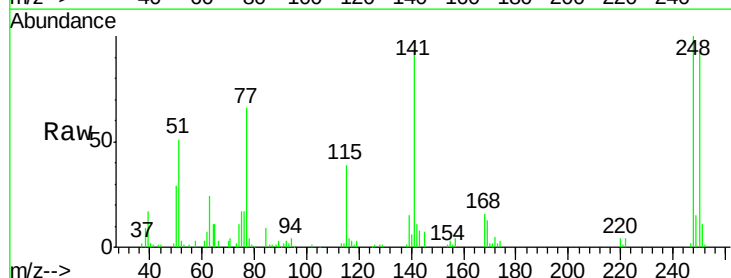


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

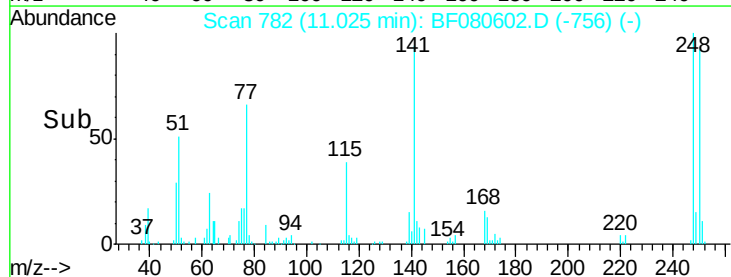
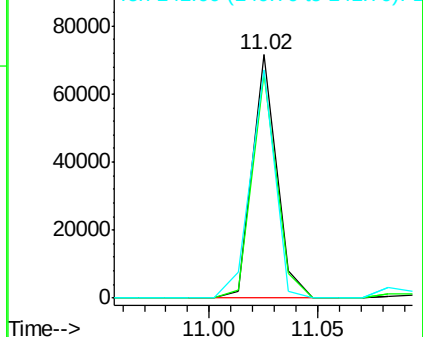


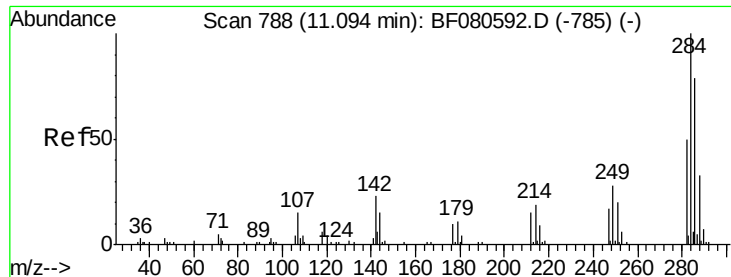
#66
 4-Bromophenyl-phenylether
 Concen: 44.73 ng
 RT: 11.02 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Tgt Ion:248 Resp: 55797
 Ion Ratio Lower Upper
 248 100
 250 92.1 75.4 113.2
 141 93.8 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: 40.16 ng

RT: 11.09 min Scan# 788

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PB84614BS

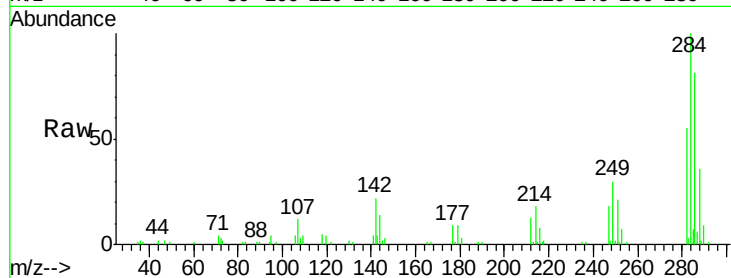
Tgt Ion:284 Resp: 56566

Ion Ratio Lower Upper

284 100

142 21.6 22.4 33.6#

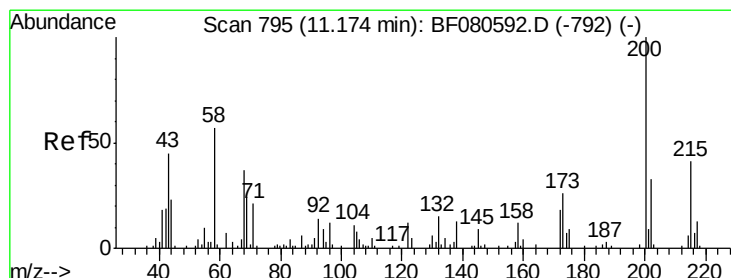
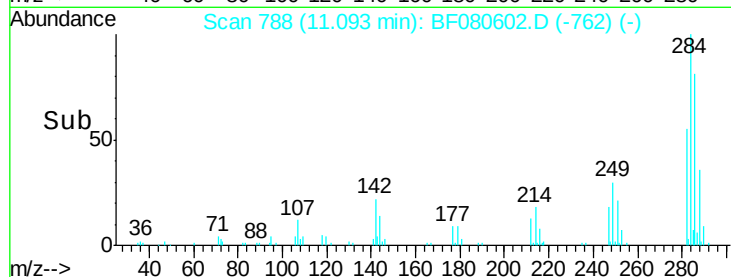
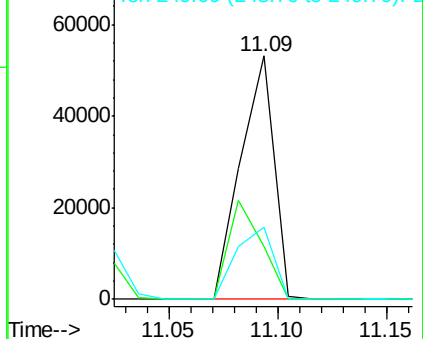
249 29.6 25.0 37.4



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: 46.23 ng

RT: 11.17 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

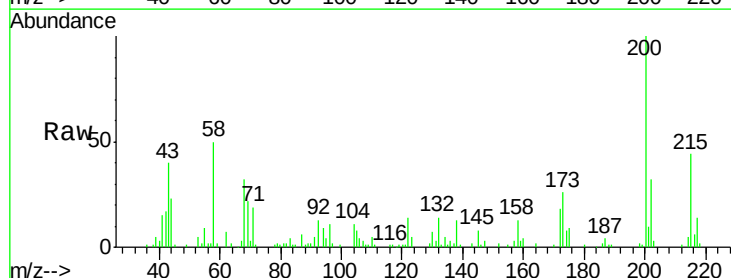
Tgt Ion:200 Resp: 51139

Ion Ratio Lower Upper

200 100

173 26.4 4.6 44.6

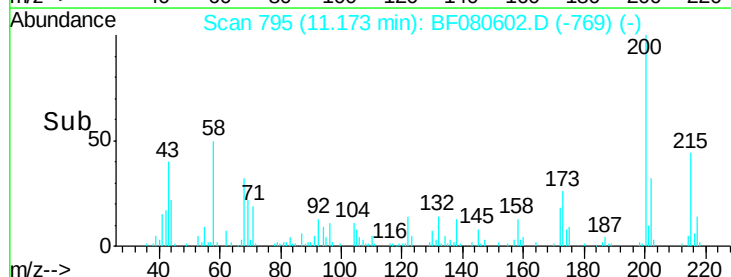
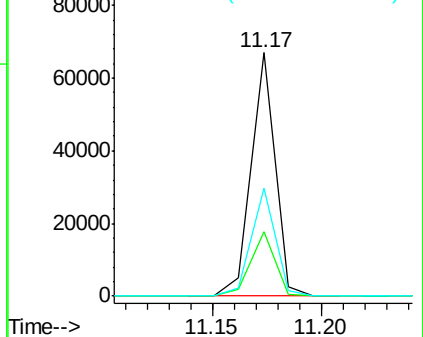
215 44.3 22.9 62.9

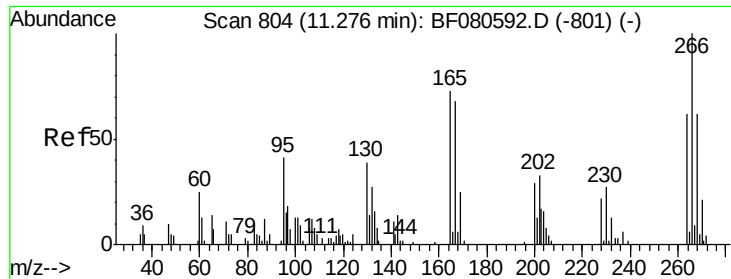


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

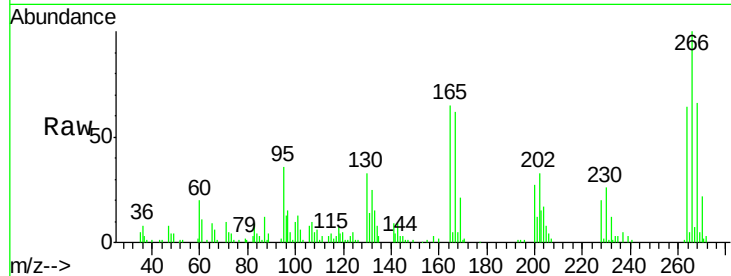




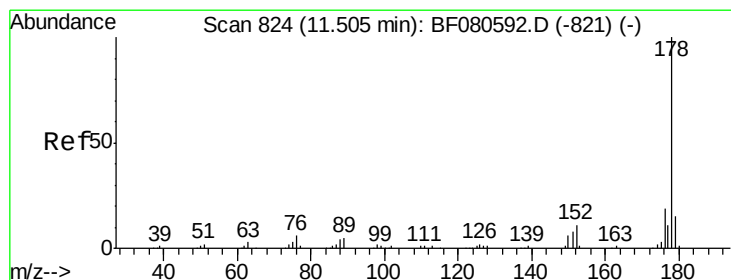
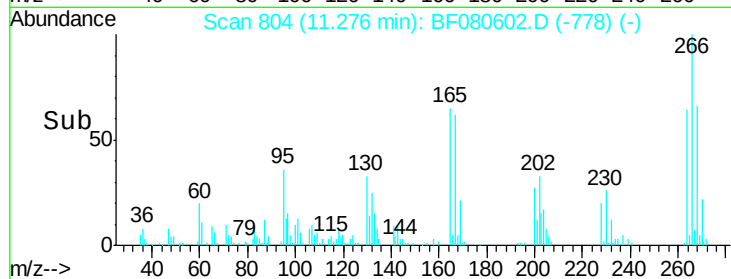
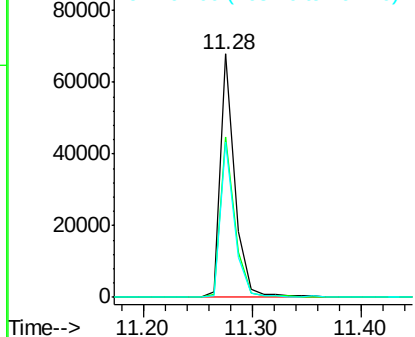
#69
 Pentachlorophenol
 Concen: 96.57 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

Tgt Ion:266 Resp: 63465
 Ion Ratio Lower Upper
 266 100
 268 66.1 51.5 77.3
 264 63.6 48.8 73.2

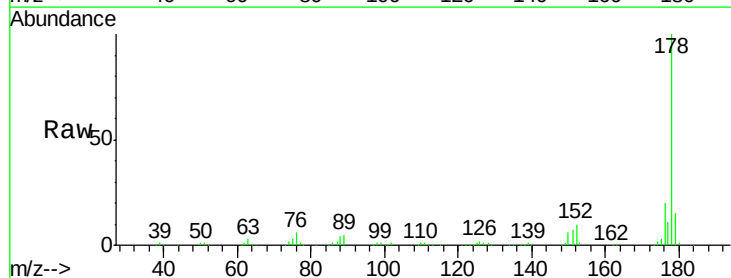


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

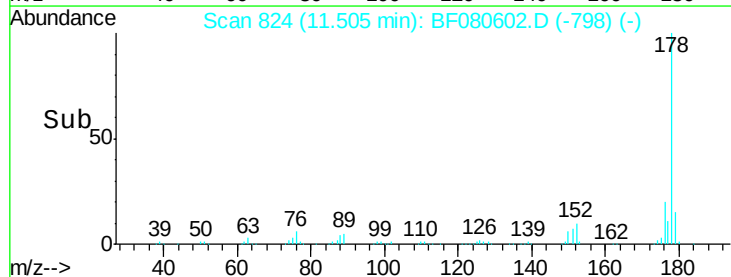
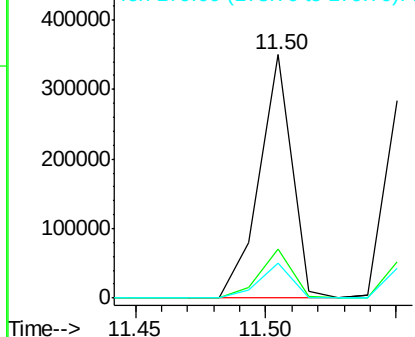


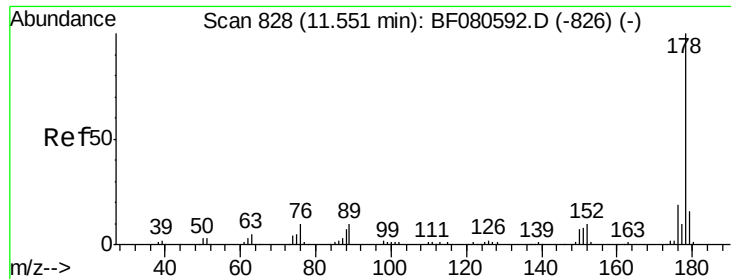
#70
 Phenanthrene
 Concen: 43.50 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Tgt Ion:178 Resp: 301319
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.2 22.8
 179 14.6 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

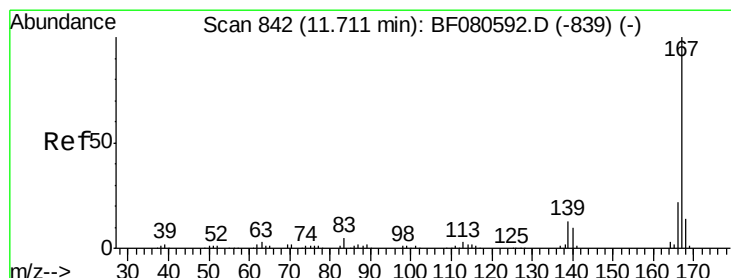
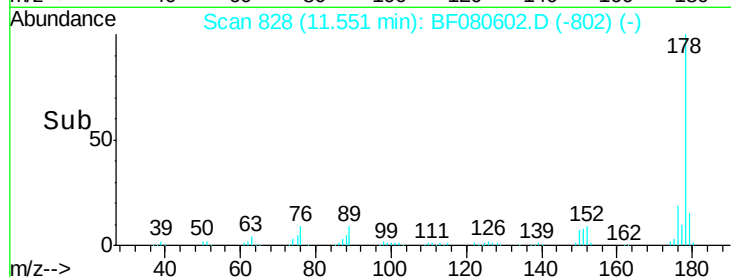
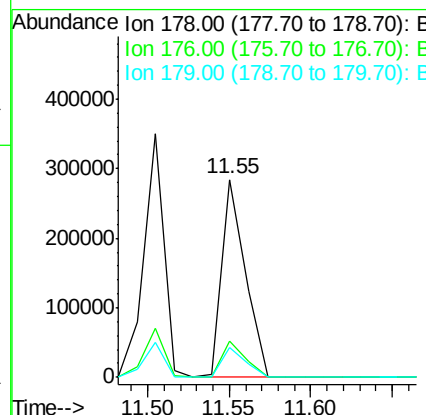
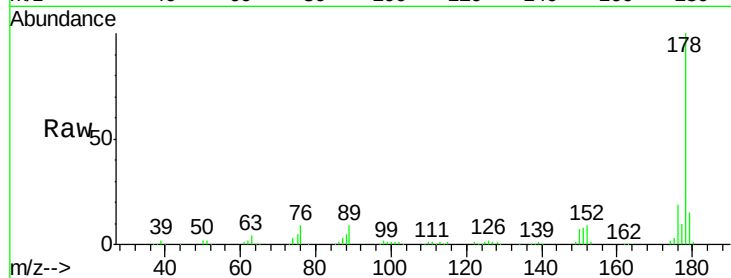




#71
 Anthracene
 Concen: 43.99 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

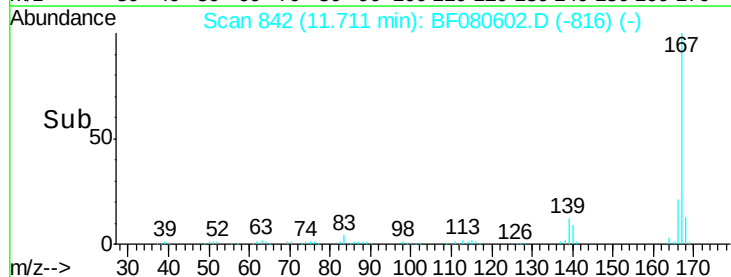
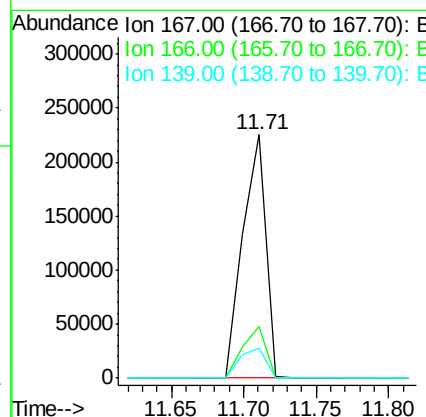
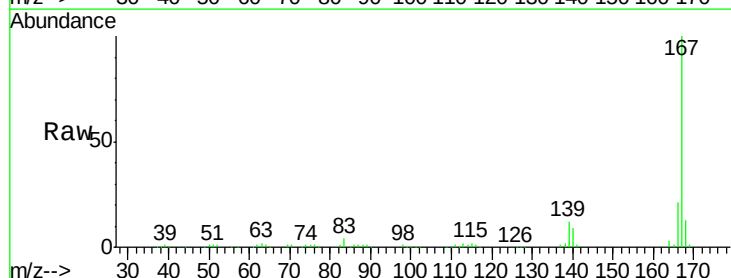
Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

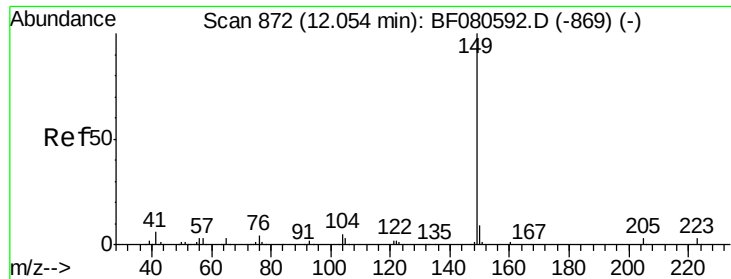
Tgt Ion:178 Resp: 285329
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.1 22.7
 179 15.1 12.0 18.0



#72
 Carbazole
 Concen: 44.30 ng
 RT: 11.71 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Tgt Ion:167 Resp: 248455
 Ion Ratio Lower Upper
 167 100
 166 21.1 18.1 27.1
 139 12.3 10.7 16.1

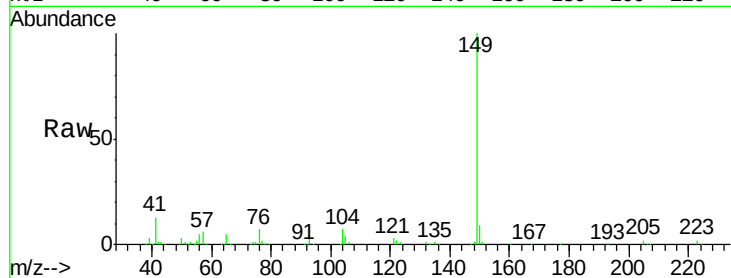




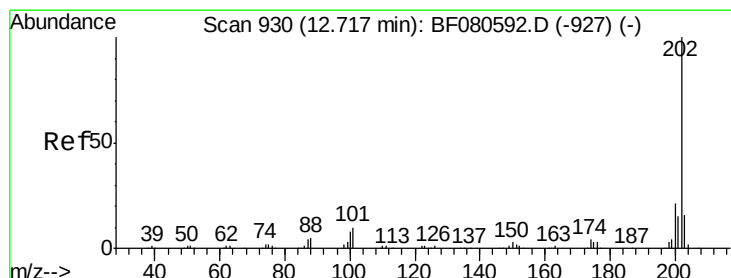
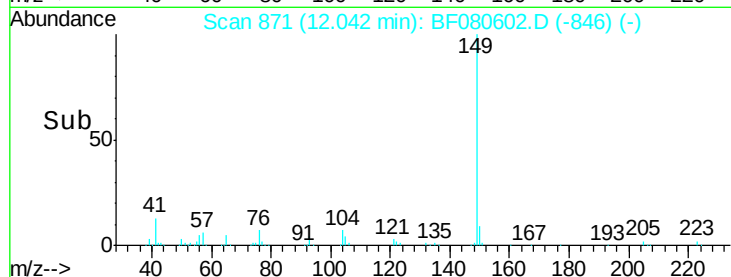
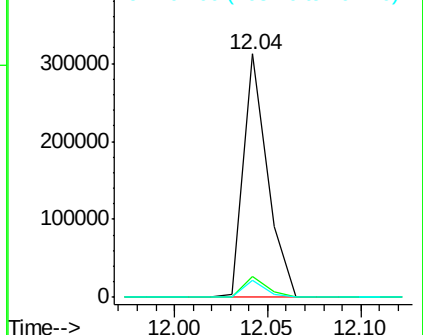
#73
Di-n-butylphthalate
Concen: 42.88 ng
RT: 12.04 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Instrument :
BNA_F
ClientSampleId :
PB84614BS

Tgt Ion:149 Resp: 279546
Ion Ratio Lower Upper
149 100
150 8.6 7.2 10.8
104 6.8 3.8 5.8#

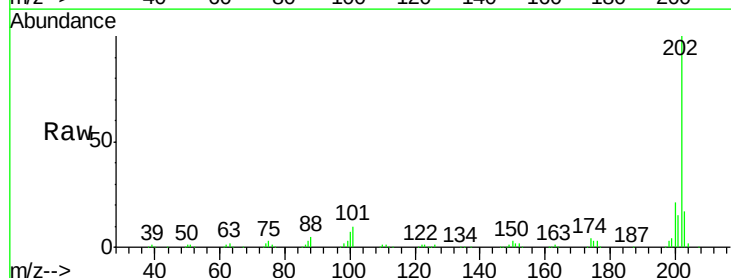


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

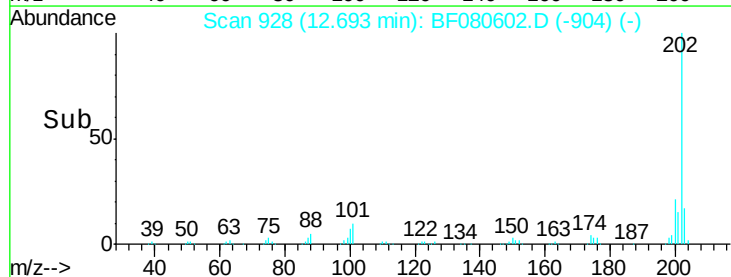
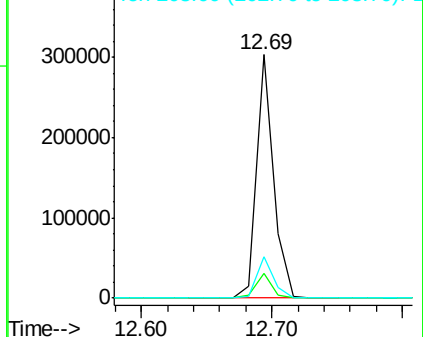


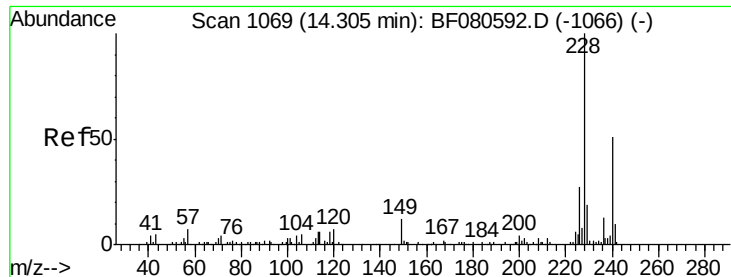
#74
Fluoranthene
Concen: 44.30 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Tgt Ion:202 Resp: 274566
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.1
203 17.2 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1060

Delta R.T. -0.10 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PB84614BS

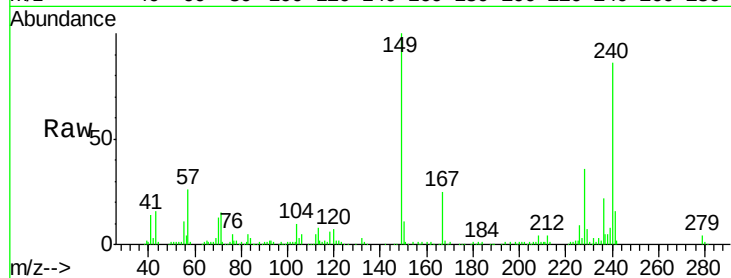
Tgt Ion:240 Resp: 111933

Ion Ratio Lower Upper

240 100

120 8.5 9.9 14.9#

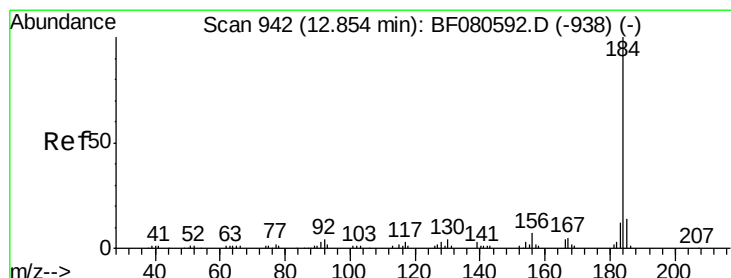
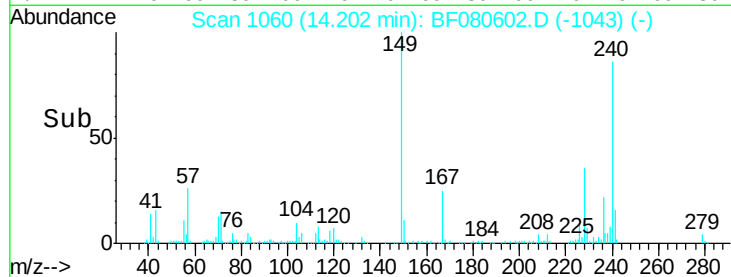
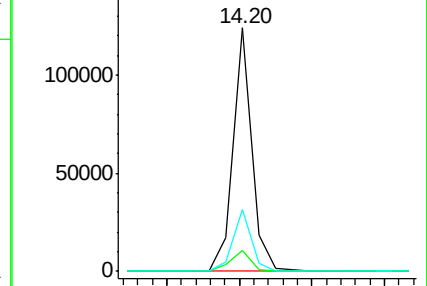
236 25.4 19.1 28.7



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: 60.73 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.03 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

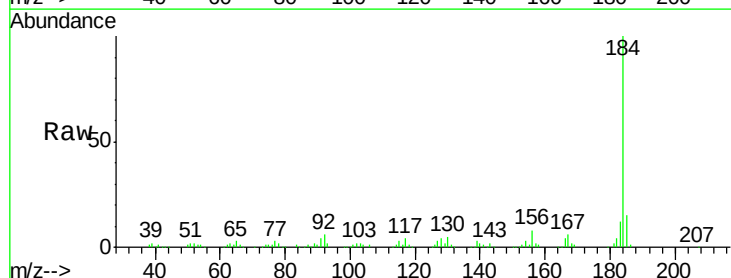
Tgt Ion:184 Resp: 199779

Ion Ratio Lower Upper

184 100

185 14.8 11.2 16.8

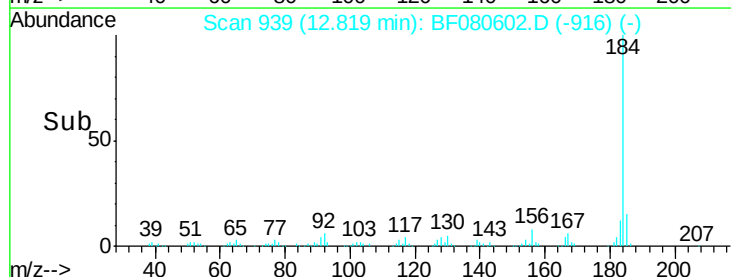
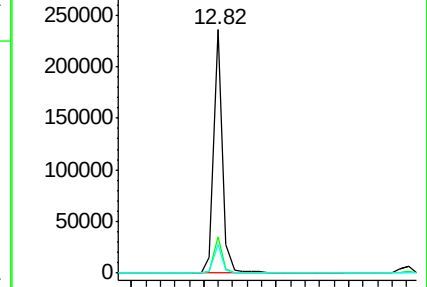
183 11.6 9.6 14.4

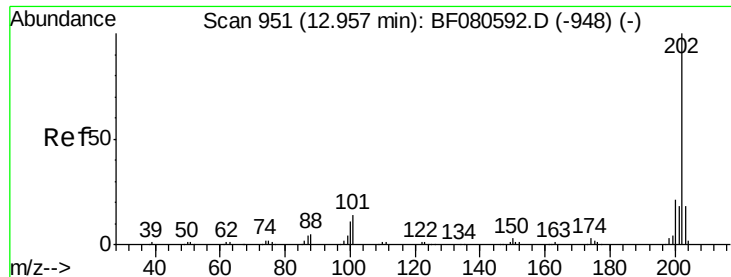


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.13 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.02 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PB84614BS

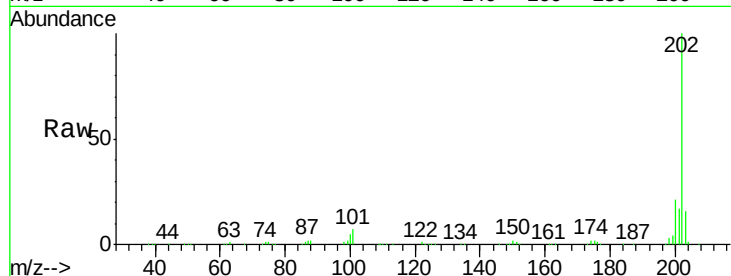
Tgt Ion:202 Resp: 293875

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

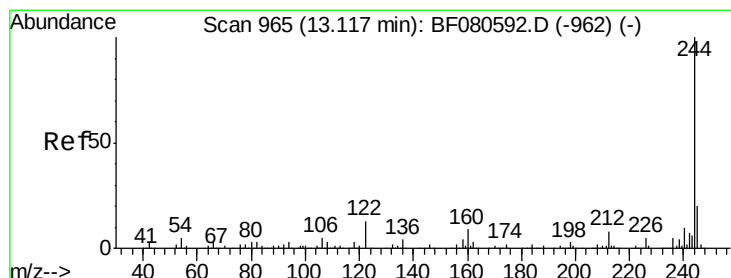
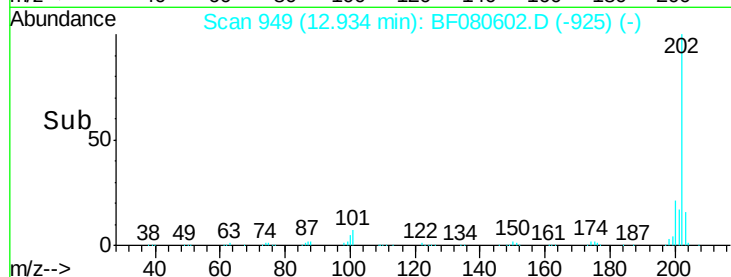
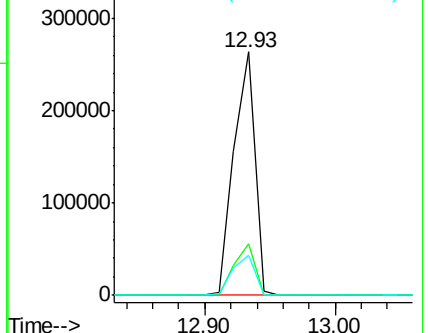
203 16.4 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.02 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.03 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

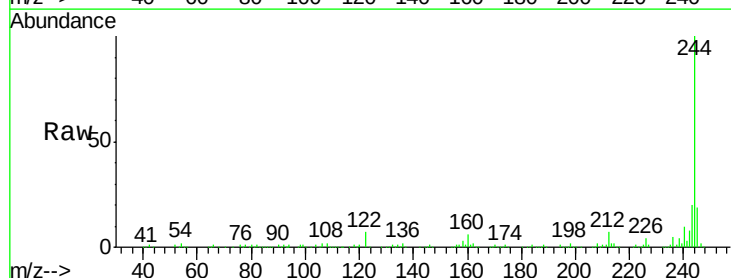
Tgt Ion:244 Resp: 422675

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

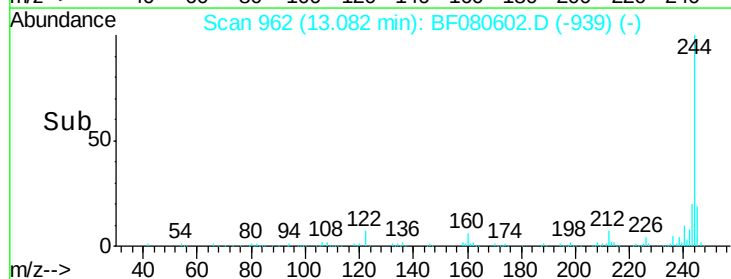
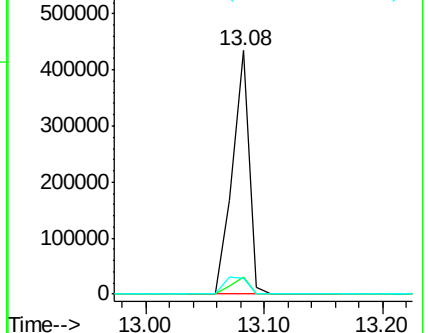
122 6.7 8.2 12.2#

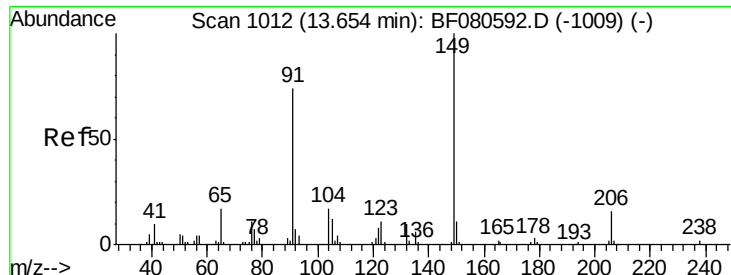


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

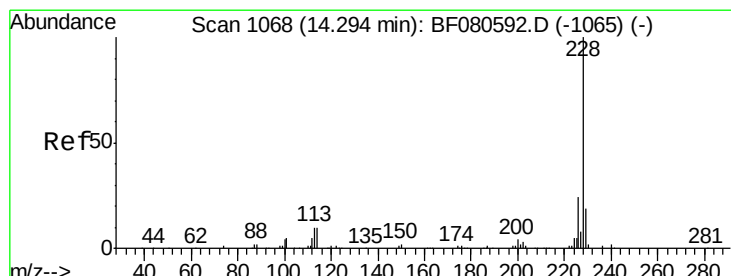
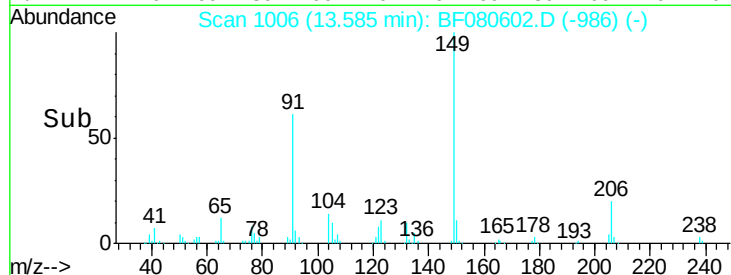
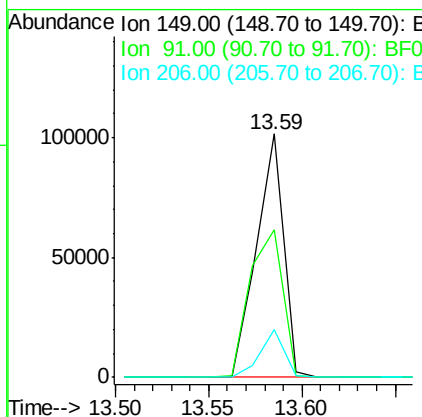
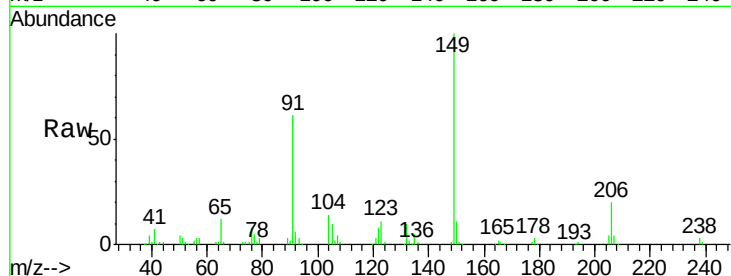




#79
Butylbenzylphthalate
Concen: 38.84 ng
RT: 13.59 min Scan# 1006
Delta R.T. -0.07 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

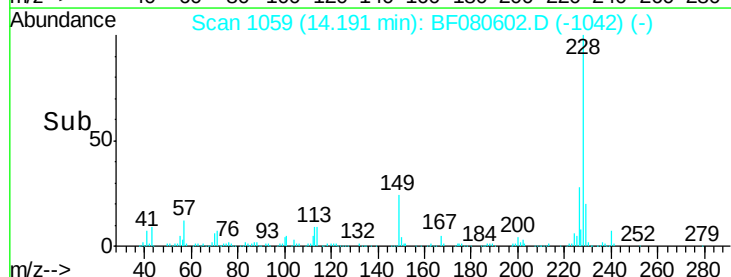
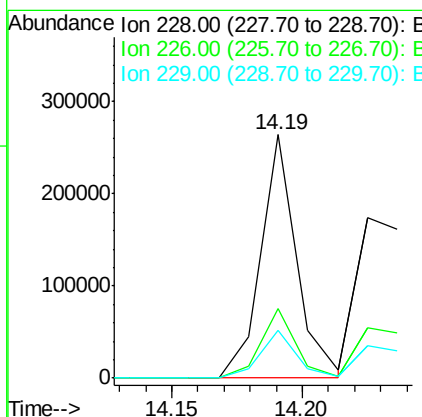
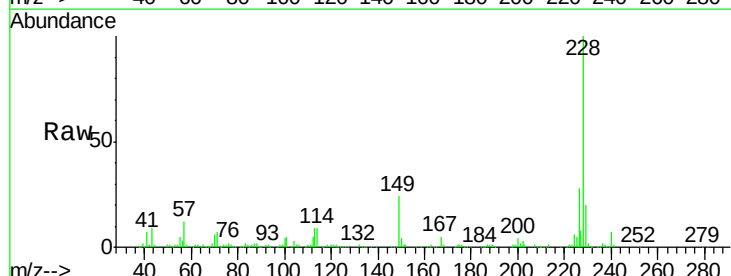
Instrument :
BNA_F
ClientSampleId :
PB84614BS

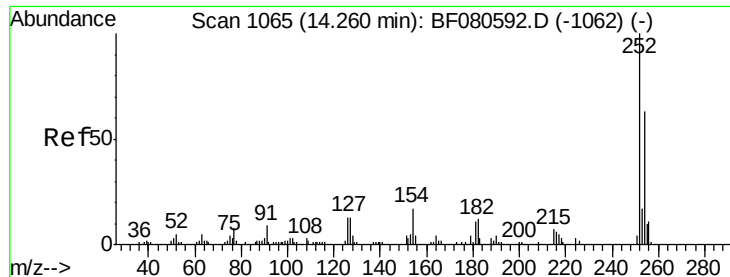
Tgt Ion:	149	Resp:	101725
Ion Ratio	Lower	Upper	
149	100		
91	60.9	53.0	79.6
206	19.7	15.0	22.6



#80
Benzo(a)anthracene
Concen: 40.18 ng
RT: 14.19 min Scan# 1059
Delta R.T. -0.10 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Tgt Ion:	228	Resp:	253583
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.0	33.0
229	19.6	15.7	23.5

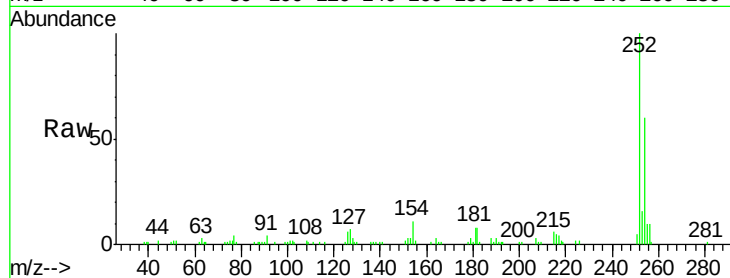




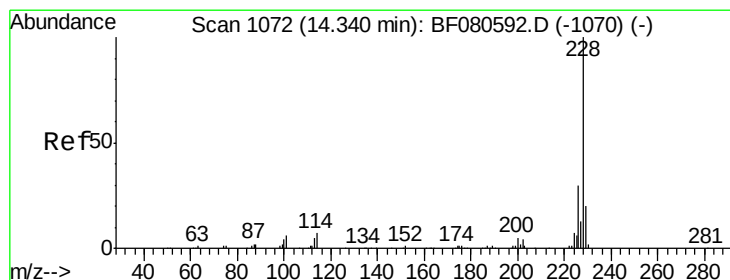
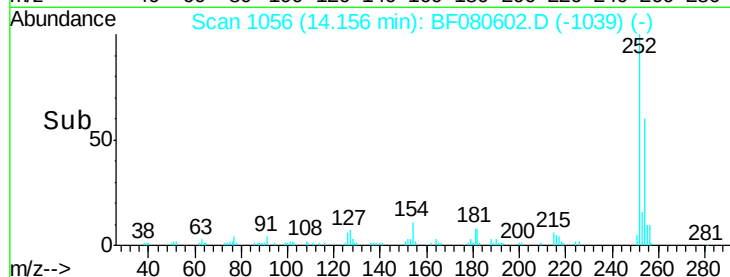
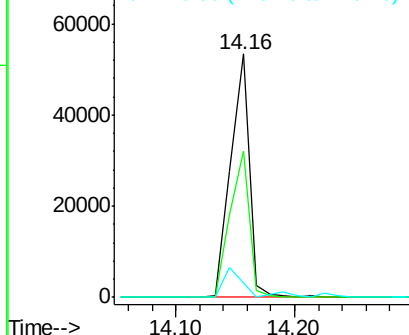
#81
 3,3'-Dichlorobenzidine
 Concen: 32.37 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. -0.10 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

Tgt Ion:252 Resp: 58391
 Ion Ratio Lower Upper
 252 100
 254 60.0 49.2 73.8
 126 5.9 8.1 12.1#

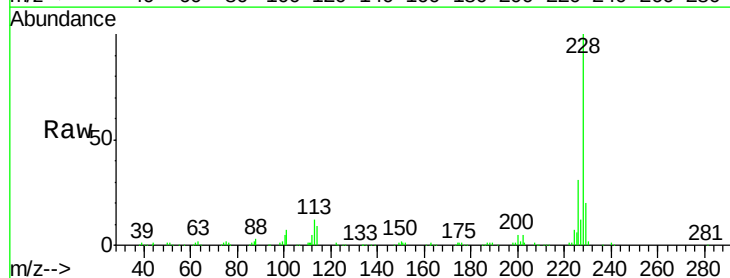


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

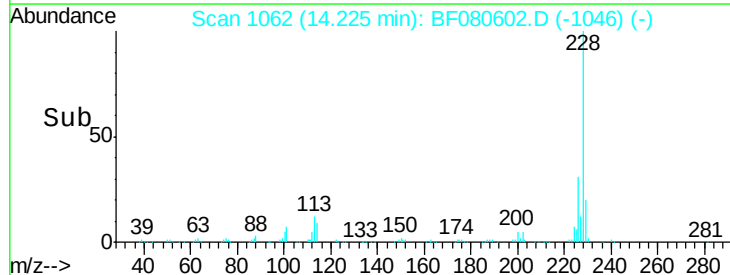
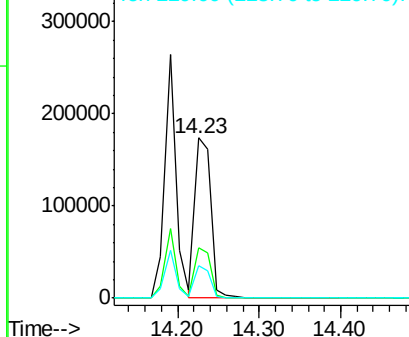


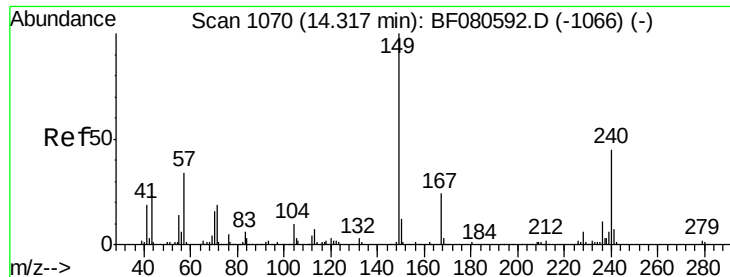
#82
 Chrysene
 Concen: 38.52 ng
 RT: 14.23 min Scan# 1062
 Delta R.T. -0.11 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Tgt Ion:228 Resp: 241869
 Ion Ratio Lower Upper
 228 100
 226 31.3 23.0 34.6
 229 20.1 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: 40.98 ng

RT: 14.20 min Scan# 1060

Delta R.T. -0.11 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PB84614BS

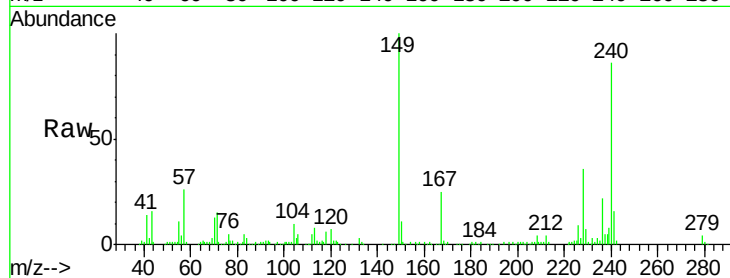
Tgt Ion:149 Resp: 150475

Ion Ratio Lower Upper

149 100

167 25.3 20.2 30.2

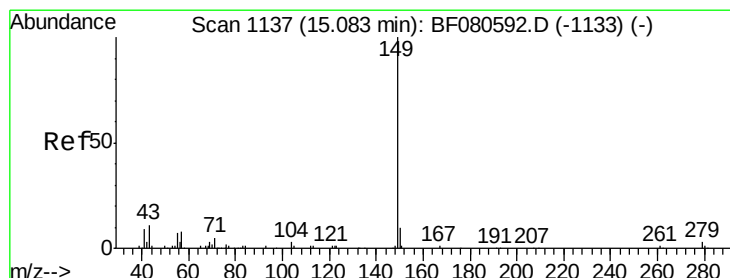
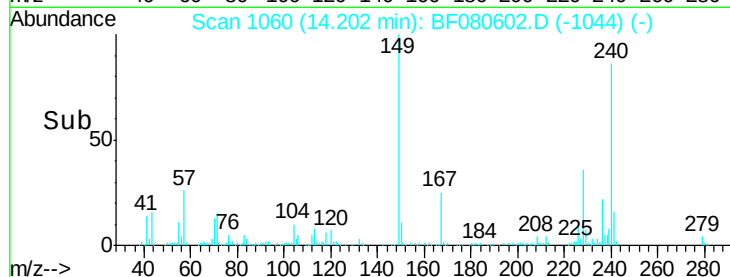
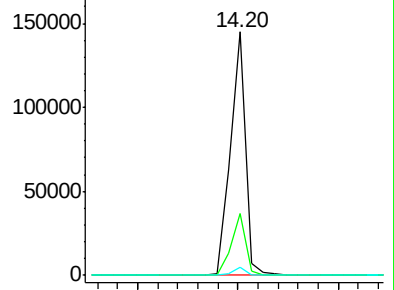
279 3.5 2.0 3.0#



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: 40.91 ng

RT: 14.91 min Scan# 1122

Delta R.T. -0.17 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

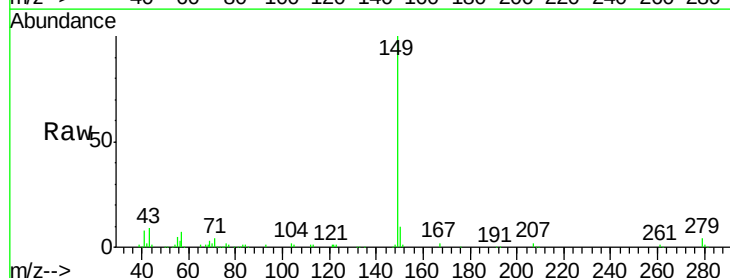
Tgt Ion:149 Resp: 205301

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

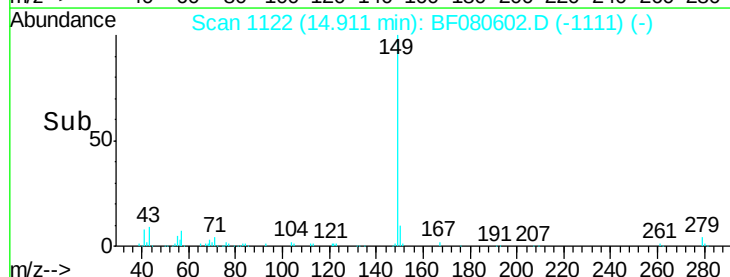
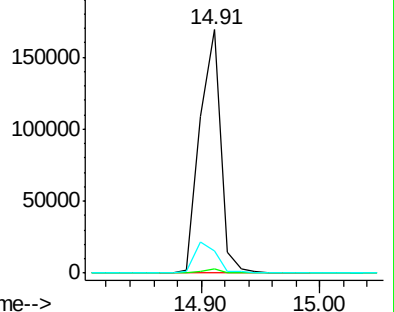
43 13.6 12.5 18.7

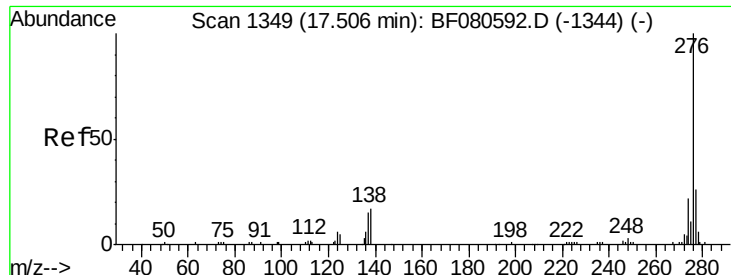


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

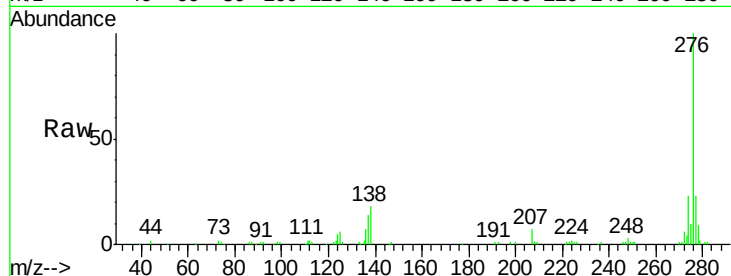




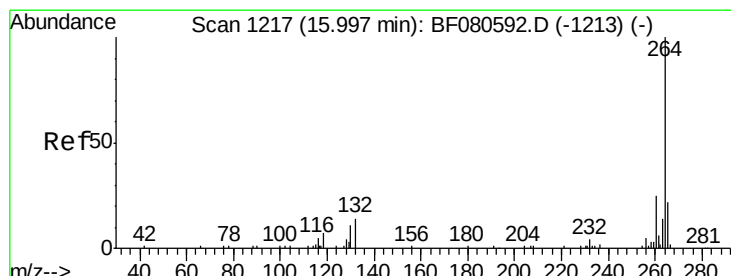
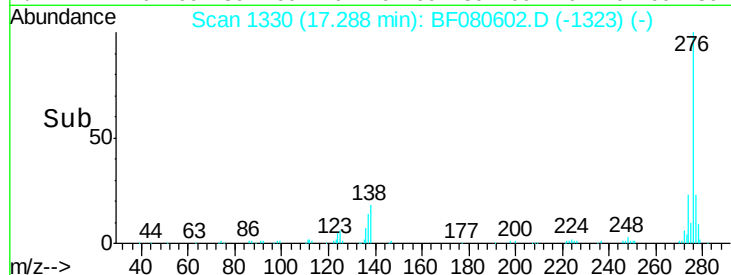
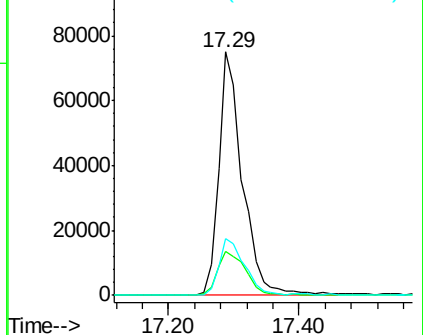
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.07 ng
 RT: 17.29 min Scan# 1330
 Delta R.T. -0.22 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Instrument :
 BNA_F
 ClientSampleId :
 PB84614BS

Tgt Ion: 276 Resp: 190356
 Ion Ratio Lower Upper
 276 100
 138 21.3 18.9 28.3
 277 24.8 19.9 29.9

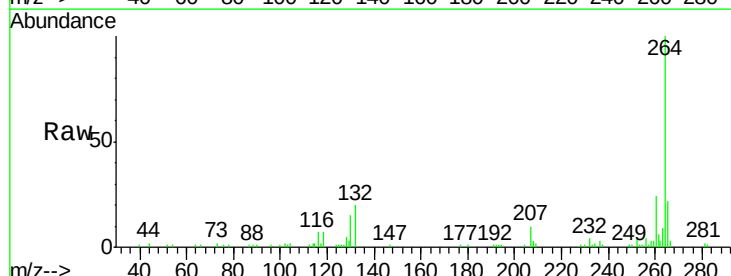


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

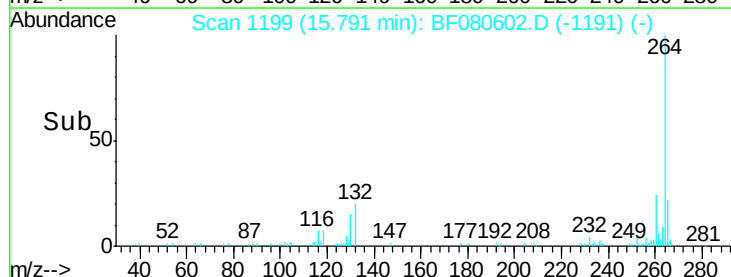
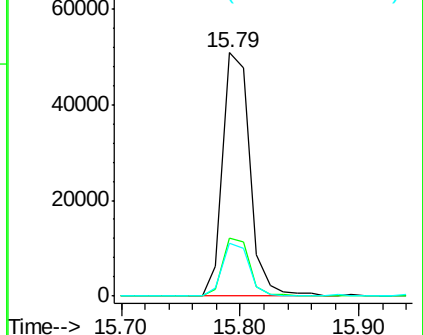


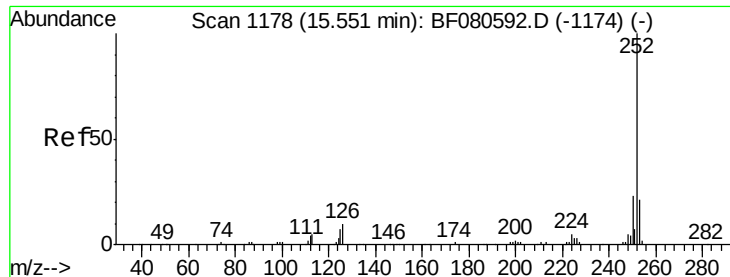
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.79 min Scan# 1199
 Delta R.T. -0.21 min
 Lab File: BF080602.D
 Acq: 23 Jul 2015 20:13

Tgt Ion: 264 Resp: 80585
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.8 26.8
 265 21.9 15.6 23.4



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

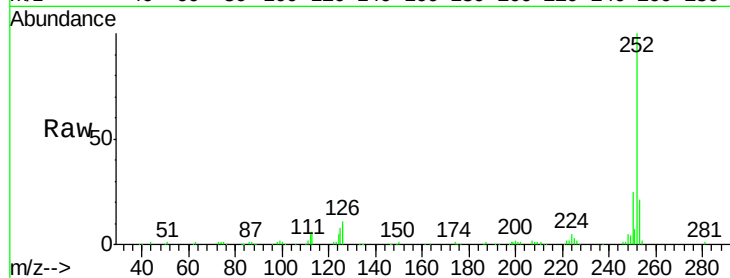




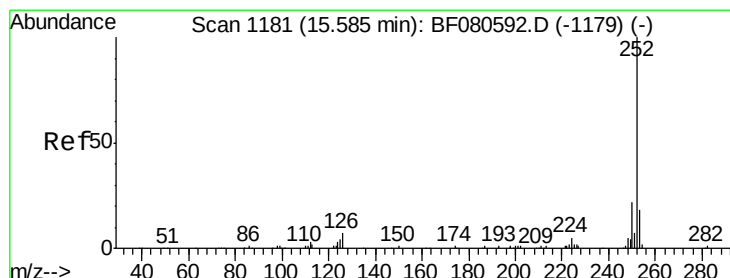
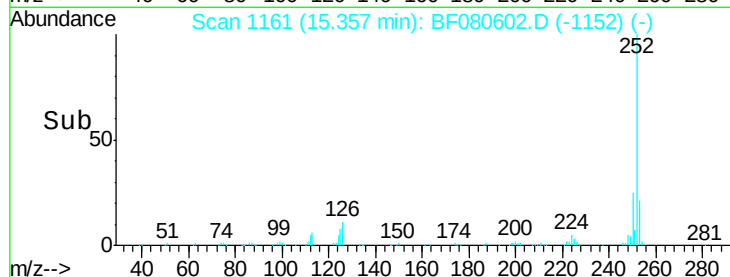
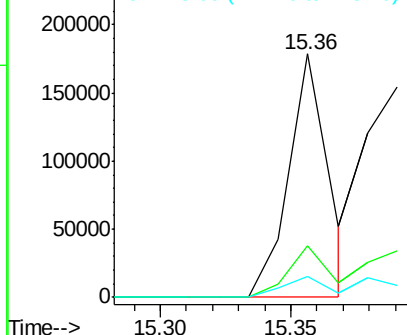
#87
Benzo(b)fluoranthene
Concen: 38.35 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.19 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Instrument :
BNA_F
ClientSampleId :
PB84614BS

Tgt Ion:252 Resp: 187972
Ion Ratio Lower Upper
252 100
253 21.1 16.6 25.0
125 8.5 6.1 9.1

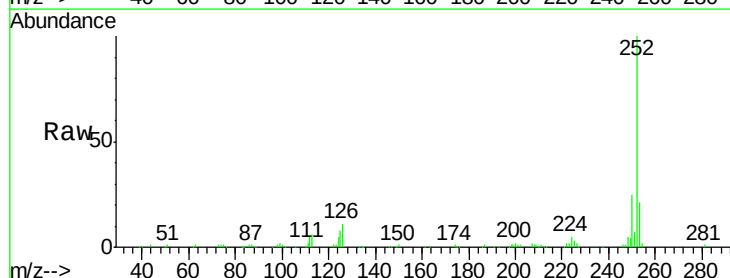


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

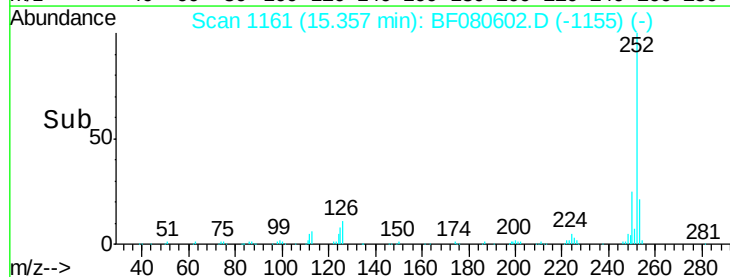
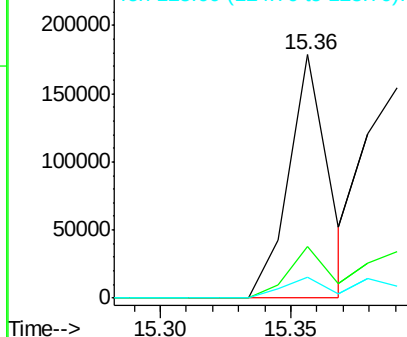


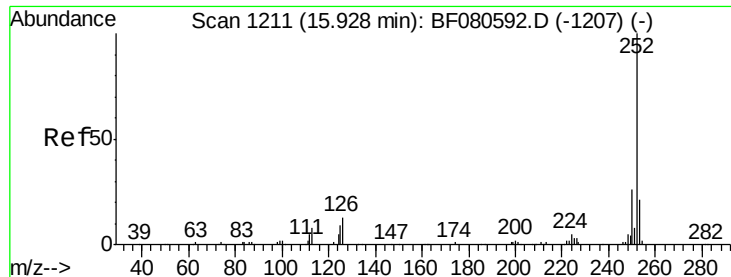
#88
Benzo(k)fluoranthene
Concen: 38.54 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.23 min
Lab File: BF080602.D
Acq: 23 Jul 2015 20:13

Tgt Ion:252 Resp: 187972
Ion Ratio Lower Upper
252 100
253 21.1 17.0 25.6
125 8.5 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: 42.46 ng

RT: 15.73 min Scan# 1194

Delta R.T. -0.19 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PB84614BS

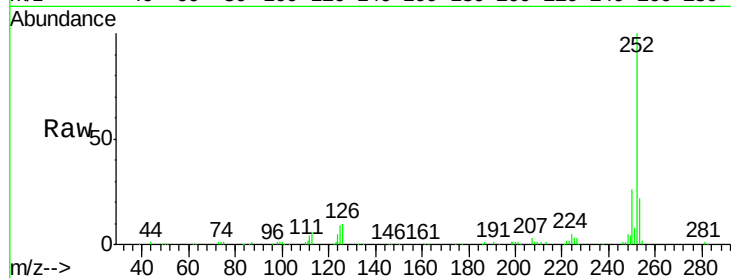
Tgt Ion:252 Resp: 184628

Ion Ratio Lower Upper

252 100

253 21.8 19.0 28.6

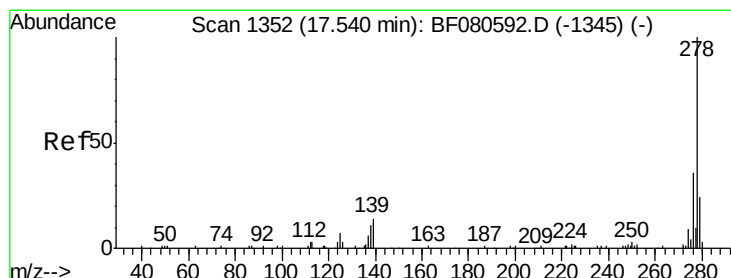
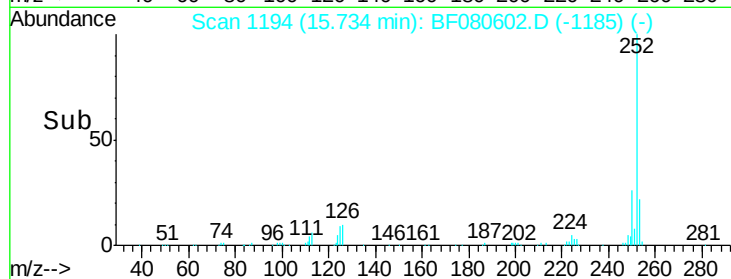
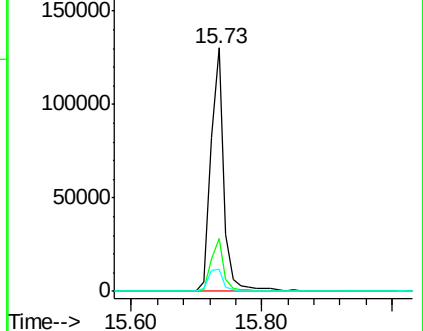
125 9.0 11.2 16.8#



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: 39.05 ng

RT: 17.32 min Scan# 1333

Delta R.T. -0.22 min

Lab File: BF080602.D

Acq: 23 Jul 2015 20:13

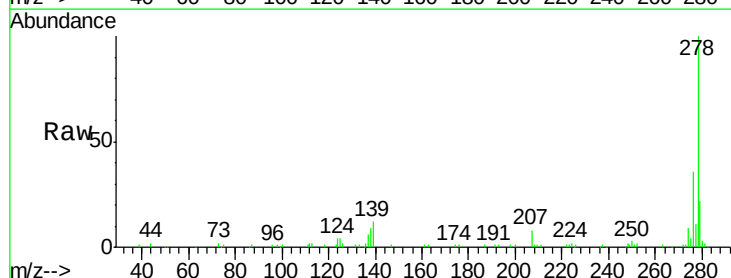
Tgt Ion:278 Resp: 160346

Ion Ratio Lower Upper

278 100

139 11.6 11.6 17.4#

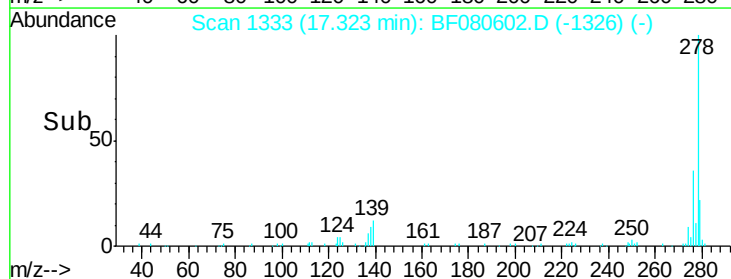
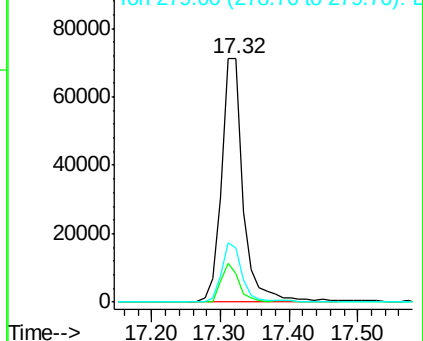
279 22.5 18.9 28.3

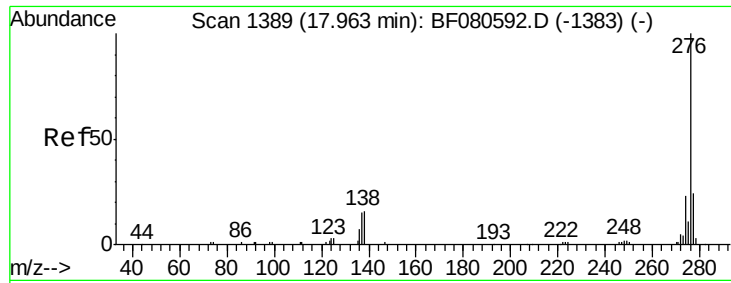


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.87 ng

RT: 17.73 min Scan# 1369

Delta R.T. -0.23 min

Lab File: BF080602.D

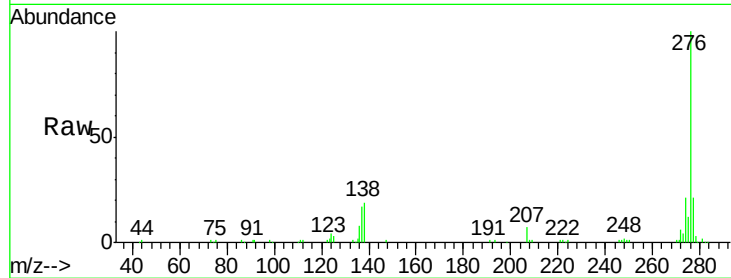
Acq: 23 Jul 2015 20:13

Instrument :

BNA_F

ClientSampleId :

PB84614BS



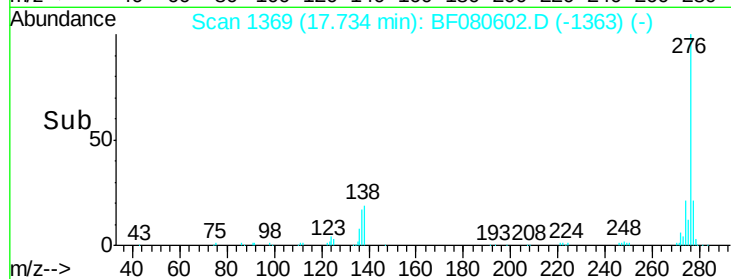
Tgt Ion: 276 Resp: 167252

Ion Ratio Lower Upper

276 100

277 21.3 18.0 27.0

138 18.5 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

100000

80000

60000

40000

20000

0

17.60

17.73

17.80

18.00

Time-->