

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
 Data File : BF080353.D
 Acq On : 6 Jul 2015 19:22
 Operator : TP/IZ
 Sample : PB84363BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BSD

Quant Time: Jul 07 03:55:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 03:05:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	35378	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	133953	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	65248	20.00	ng	0.00
63) Phenanthrene-d10	11.79	188	142780	20.00	ng	0.00
75) Chrysene-d12	14.74	240	145164	20.00	ng	0.00
86) Perylene-d12	16.57	264	135624	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	240892	124.71	ng	0.00
7) Phenol-d6	6.83	99	293442	114.60	ng	0.00
23) Nitrobenzene-d5	7.79	82	176706	76.94	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	86851	127.21	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	404088	83.58	ng	0.00
78) Terphenyl-d14	13.47	244	478767	76.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.04	88	28940	31.73	ng	# 91
3) Pyridine	3.88	79	86368	37.21	ng	98
4) n-Nitrosodimethylamine	3.78	42	44238	40.56	ng	93
6) Aniline	6.89	93	81482	22.98	ng	99
8) 2-Chlorophenol	7.01	128	85759	38.30	ng	98
9) Benzaldehyde	6.77	77	44213	31.05	ng	99
10) Phenol	6.85	94	99422	35.81	ng	100
11) bis(2-Chloroethyl)ether	6.94	93	78549	37.50	ng	98
12) 1,3-Dichlorobenzene	7.17	146	96875	35.24	ng	100
13) 1,4-Dichlorobenzene	7.17	146	96875	37.74	ng	95
14) 1,2-Dichlorobenzene	7.40	146	96106	36.99	ng	98
15) Benzyl Alcohol	7.36	79	76228	38.46	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.49	45	122927	36.29	ng	99
17) 2-Methylphenol	7.46	107	63010	36.30	ng	# 88
18) Hexachloroethane	7.76	117	29012	35.17	ng	98
19) n-Nitroso-di-n-propylamine	7.62	70	57818	34.80	ng	# 78
20) 3+4-Methylphenols	7.62	107	90482	37.40	ng	94
22) Acetophenone	7.63	105	122785	39.73	ng	# 97
24) Nitrobenzene	7.80	77	88596	38.40	ng	99
25) Isophorone	8.04	82	171262	38.74	ng	97
26) 2-Nitrophenol	8.13	139	36416	36.47	ng	98
27) 2,4-Dimethylphenol	8.16	122	76749	39.07	ng	97
28) bis(2-Chloroethoxy)methane	8.25	93	108049	39.36	ng	98
29) 2,4-Dichlorophenol	8.37	162	68445	39.24	ng	97
30) 1,2,4-Trichlorobenzene	8.46	180	74829	36.10	ng	98
31) Naphthalene	8.54	128	247626	36.04	ng	99
32) Benzoic acid	8.21	122	35905	37.21	ng	93
33) 4-Chloroaniline	8.58	127	62594	22.85	ng	96
34) Hexachlorobutadiene	8.66	225	45840	36.35	ng	99
35) Caprolactam	8.92	113	21017	39.02	ng	# 78
36) 4-Chloro-3-methylphenol	9.05	107	68425	38.03	ng	99
37) 2-Methylnaphthalene	9.23	142	167437	38.22	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	75695	36.60	ng	99
40) Hexachlorocyclopentadiene	9.39	237	63346	74.25	ng	98

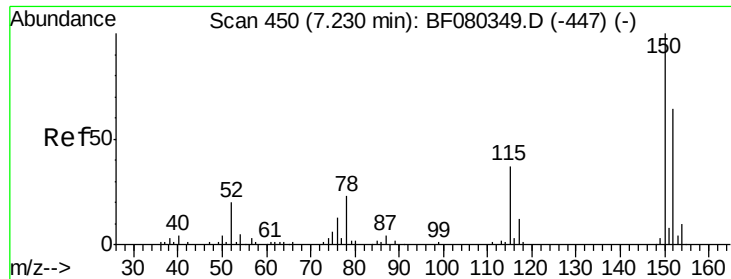
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	49757	36.53	ng	97
43) 2,4,5-Trichlorophenol	9.55	196	59324	37.36	ng	97
45) 1,1'-Biphenyl	9.70	154	224058	38.69	ng	99
46) 2-Chloronaphthalene	9.73	162	162591	36.82	ng	98
47) 2-Nitroaniline	9.81	65	49905	40.39	ng	98
48) Acenaphthylene	10.14	152	258377	35.15	ng	99
49) Dimethylphthalate	9.98	163	191810	36.61	ng	99
50) 2,6-Dinitrotoluene	10.05	165	43419	39.64	ng	94
51) Acenaphthene	10.33	154	169256	38.47	ng	91
52) 3-Nitroaniline	10.22	138	32673	26.47	ng	95
53) 2,4-Dinitrophenol	10.33	184	35183	74.42	ng	# 1
54) Dibenzofuran	10.50	168	235072	37.58	ng	100
55) 4-Nitrophenol	10.37	139	74326	82.17	ng	98
56) 2,4-Dinitrotoluene	10.46	165	53786	38.19	ng	97
57) Fluorene	10.84	166	204668	37.99	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.61	232	48976	38.51	ng	100
59) Diethylphthalate	10.69	149	206563	39.47	ng	99
60) 4-Chlorophenyl-phenylether	10.83	204	89580	37.58	ng	98
61) 4-Nitroaniline	10.84	138	41112	34.32	ng	96
62) Azobenzene	10.99	77	183016	36.82	ng	97
64) 4,6-Dinitro-2-methylphenol	10.88	198	26873	34.06	ng	93
65) n-Nitrosodiphenylamine	10.94	169	158952	34.95	ng	99
66) 4-Bromophenyl-phenylether	11.32	248	62259	38.06	ng	94
67) Hexachlorobenzene	11.40	284	61571	35.89	ng	99
68) Atrazine	11.46	200	54847	40.51	ng	96
69) Pentachlorophenol	11.58	266	60678	71.52	ng	93
70) Phenanthrene	11.81	178	306088	35.74	ng	100
71) Anthracene	11.87	178	310354	36.96	ng	100
72) Carbazole	12.02	167	281568	35.95	ng	99
73) Di-n-butylphthalate	12.35	149	339420	37.89	ng	99
74) Fluoranthene	13.07	202	328478	35.70	ng	97
76) Benzidine	13.19	184	132799	36.07	ng	98
77) Pyrene	13.32	202	336736	38.35	ng	99
79) Butylbenzylphthalate	14.02	149	135430	38.65	ng	99
80) Benzo(a)anthracene	14.72	228	320643	36.65	ng	100
81) 3,3'-Dichlorobenzidine	14.67	252	86262	29.74	ng	99
82) Chrysene	14.76	228	306220	37.41	ng	100
83) Bis(2-ethylhexyl)phthalate	14.71	149	212294	39.75	ng	99
84) Di-n-octyl phthalate	15.51	149	340479	38.59	ng	98
85) Indeno(1,2,3-cd)pyrene	18.34	276	330842	34.37	ng	100
87) Benzo(b)fluoranthene	16.05	252	296993	34.84	ng	99
88) Benzo(k)fluoranthene	16.09	252	317517	39.35	ng	# 97
89) Benzo(a)pyrene	16.49	252	295431	37.90	ng	# 97
90) Dibenzo(a,h)anthracene	18.36	278	275567	35.90	ng	100
91) Benzo(g,h,i)perylene	18.88	276	276795	35.56	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

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PB84363BSD

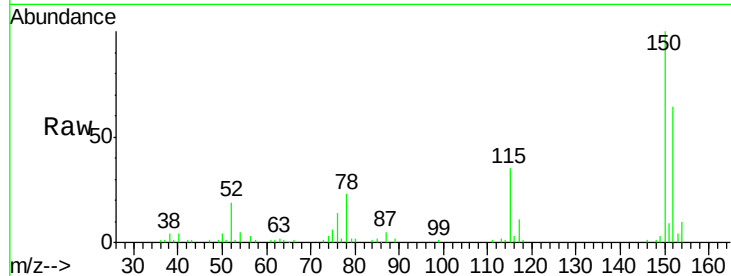
Tgt Ion:152 Resp: 35378

Ion Ratio Lower Upper

152 100

150 156.5 124.7 187.1

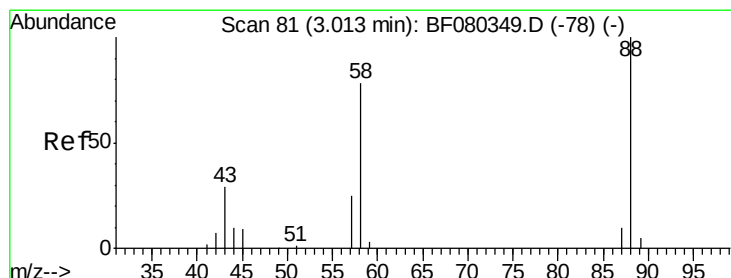
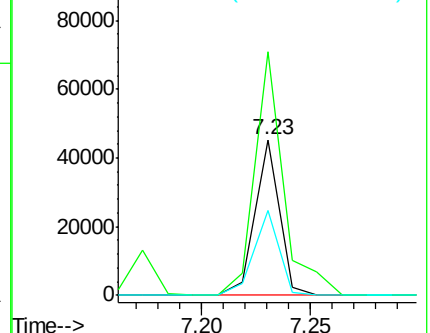
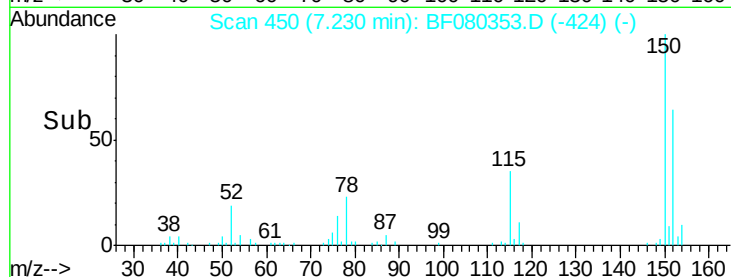
115 54.4 45.7 68.5



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: 31.73 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.02 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

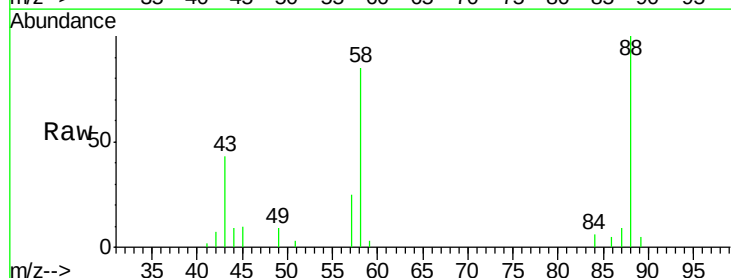
Tgt Ion: 88 Resp: 28940

Ion Ratio Lower Upper

88 100

58 80.7 61.0 91.6

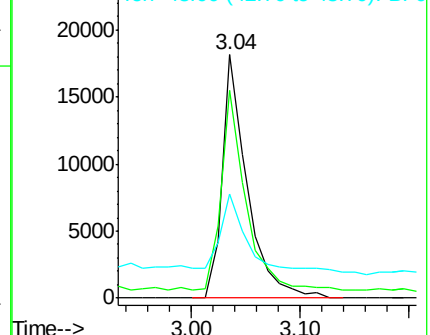
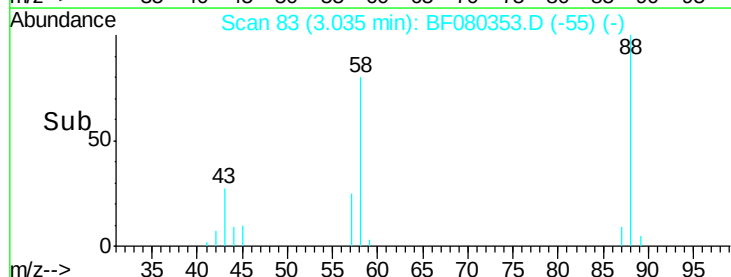
43 39.0 23.4 35.0#

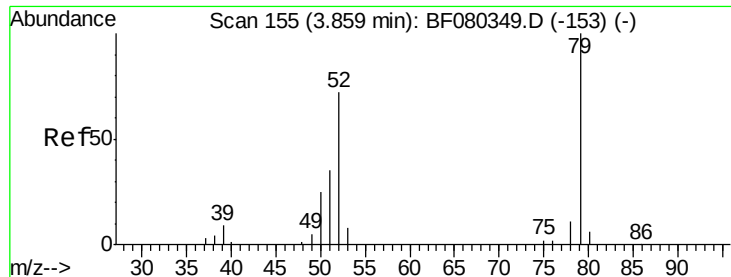


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.21 ng

RT: 3.88 min Scan# 157

Delta R.T. 0.02 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD

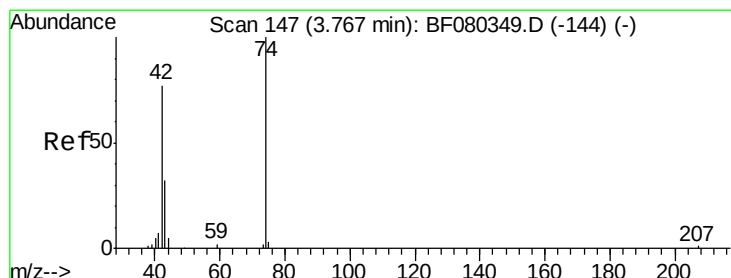
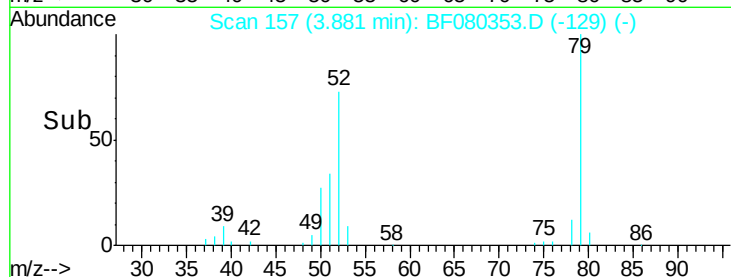
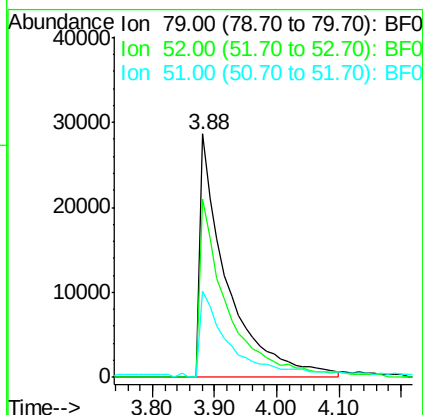
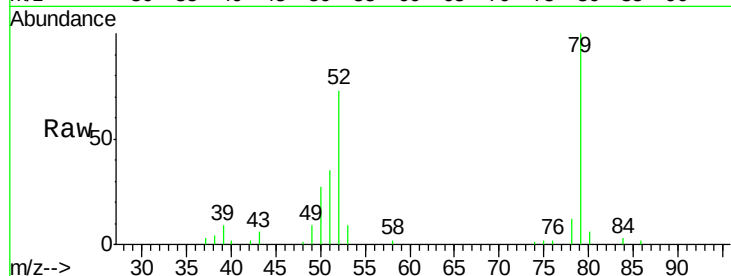
Tgt Ion: 79 Resp: 86368

Ion Ratio Lower Upper

79 100

52 73.0 57.2 85.8

51 35.2 29.4 44.0



#4

n-Nitrosodimethylamine

Concen: 40.56 ng

RT: 3.78 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

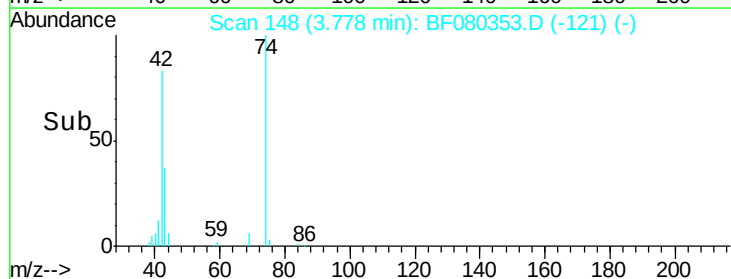
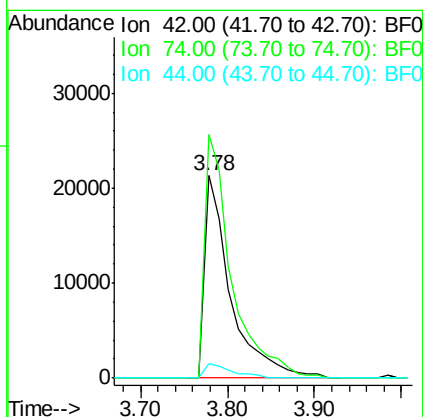
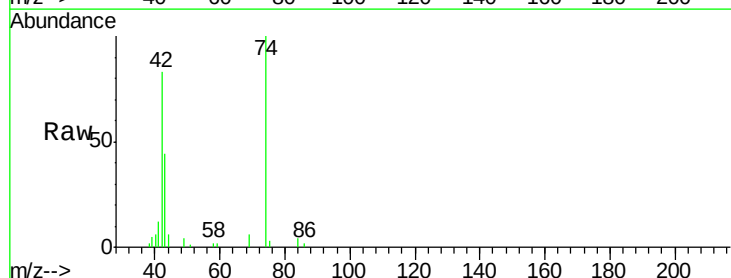
Tgt Ion: 42 Resp: 44238

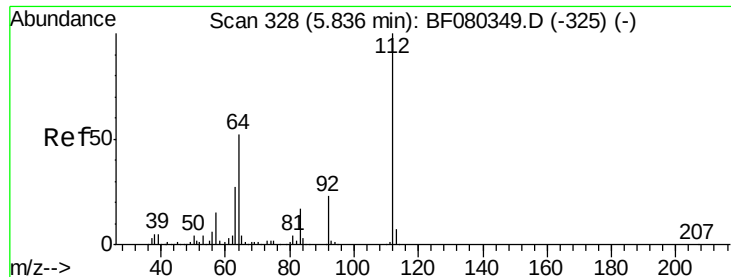
Ion Ratio Lower Upper

42 100

74 120.5 103.4 155.0

44 7.1 5.4 8.0





#5

2-Fluorophenol

Concen: 124.71 ng

RT: 5.84 min Scan# 328

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD

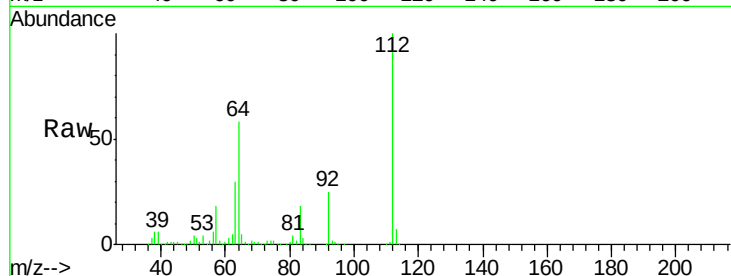
Tgt Ion: 112 Resp: 240892

Ion Ratio Lower Upper

112 100

64 58.1 41.8 62.6

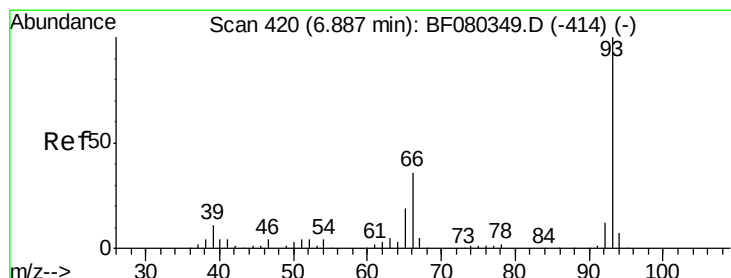
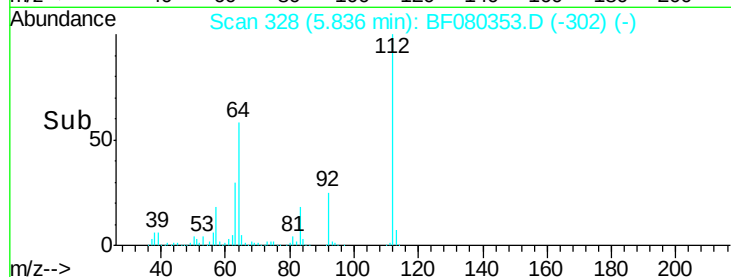
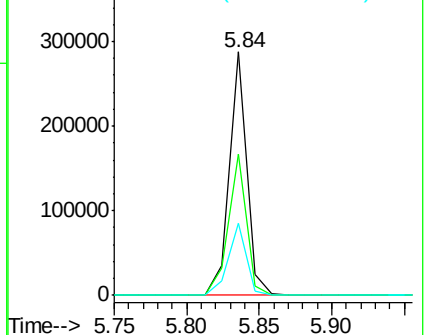
63 29.5 21.5 32.3



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: 22.98 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

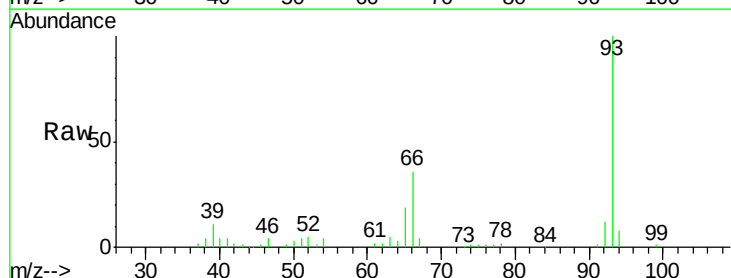
Tgt Ion: 93 Resp: 81482

Ion Ratio Lower Upper

93 100

66 35.6 28.7 43.1

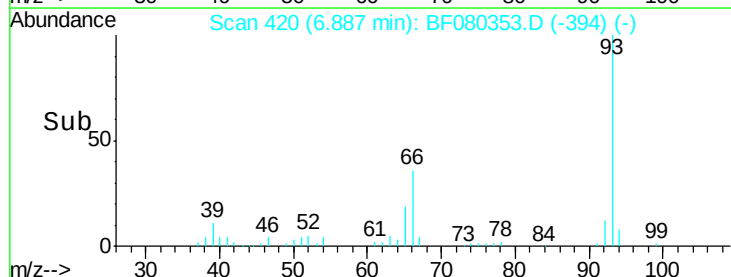
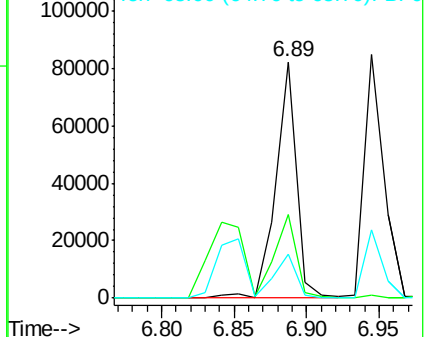
65 18.7 14.8 22.2

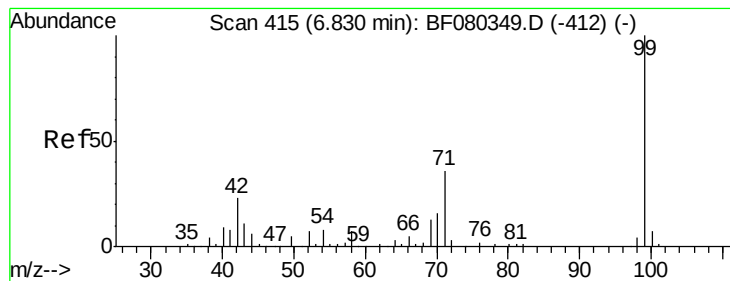


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 114.60 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

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Acq: 6 Jul 2015 19:22

Instrument :

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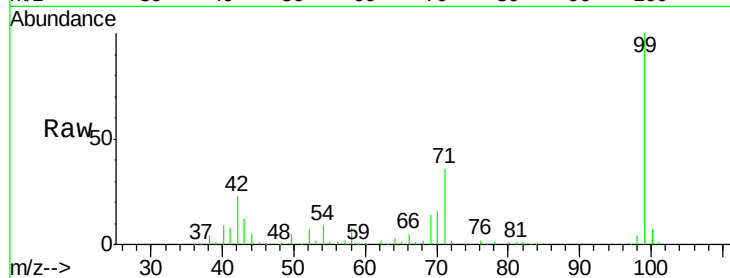
Tgt Ion: 99 Resp: 293442

Ion Ratio Lower Upper

99 100

42 22.8 18.5 27.7

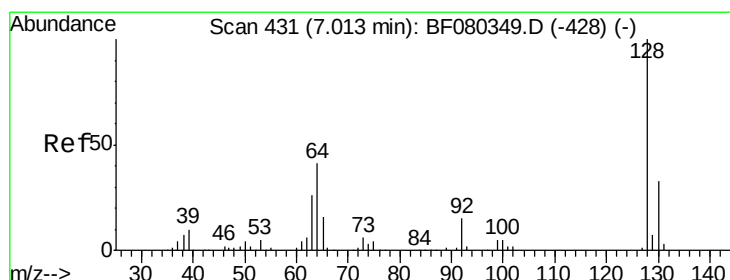
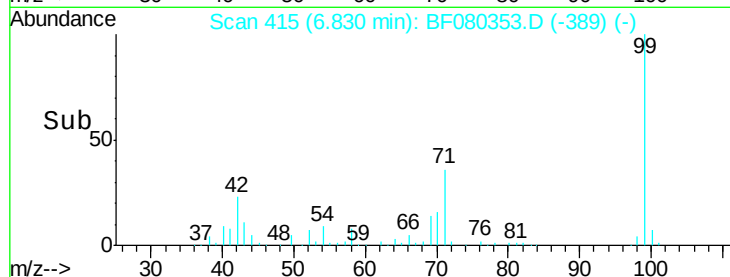
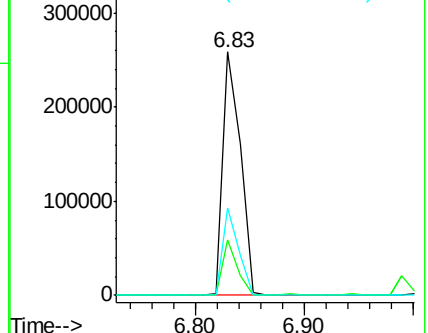
71 36.0 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.30 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

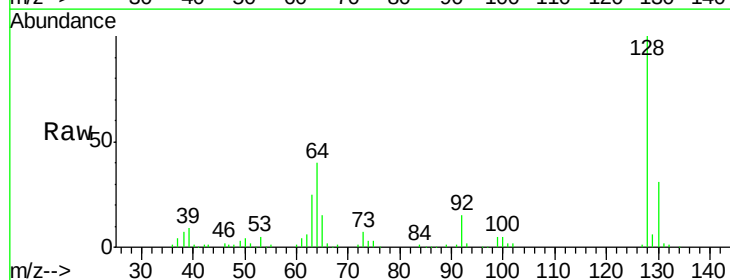
Tgt Ion: 128 Resp: 85759

Ion Ratio Lower Upper

128 100

130 31.3 12.8 52.8

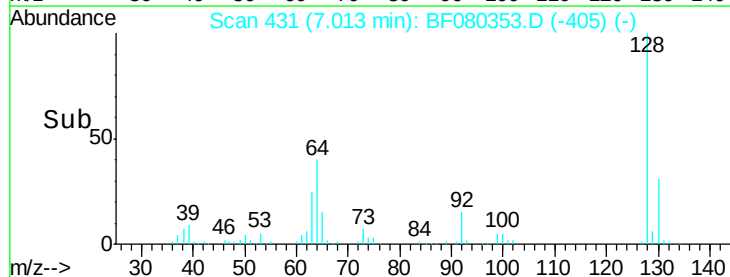
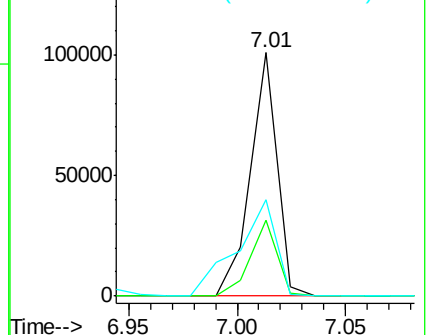
64 39.8 21.1 61.1

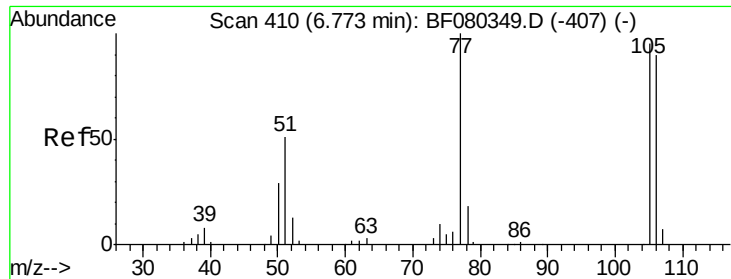


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 31.05 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

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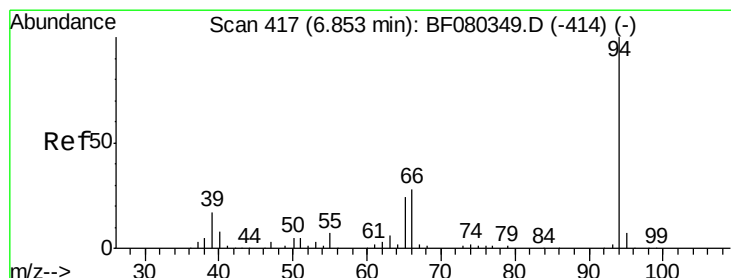
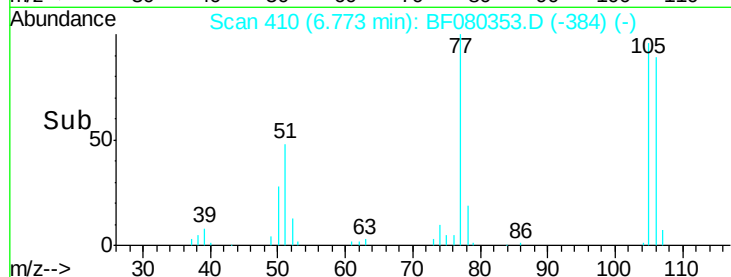
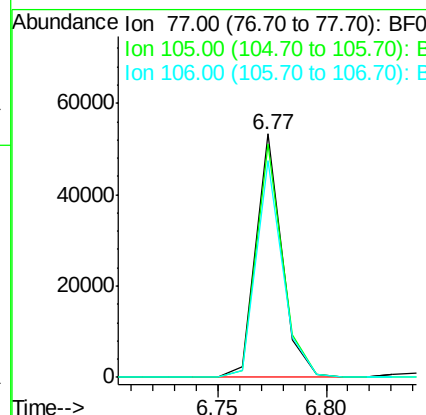
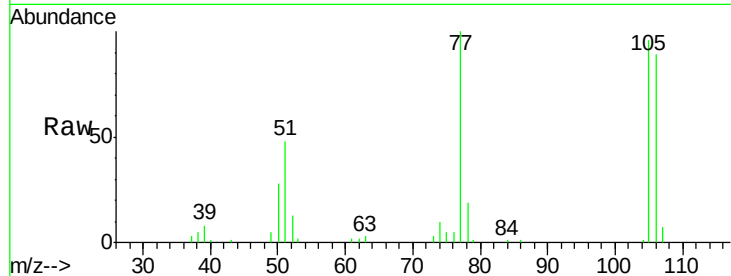
Tgt Ion: 77 Resp: 44213

Ion Ratio Lower Upper

77 100

105 95.9 75.2 115.2

106 89.3 69.9 109.9



#10

Phenol

Concen: 35.81 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

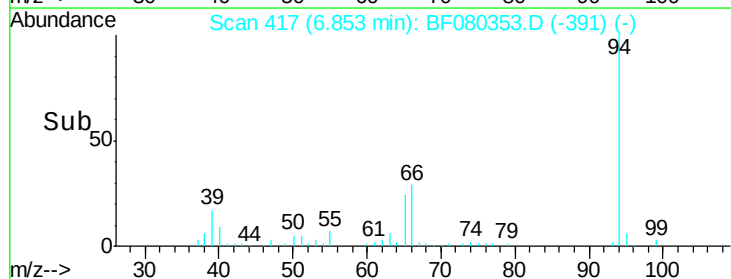
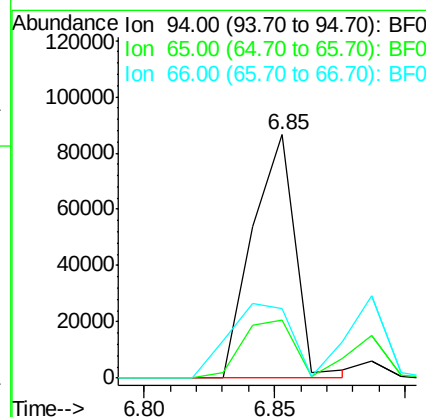
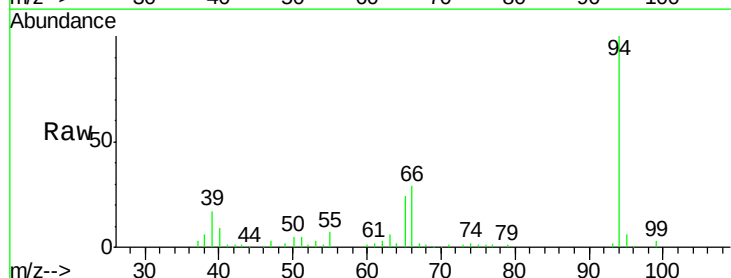
Tgt Ion: 94 Resp: 99422

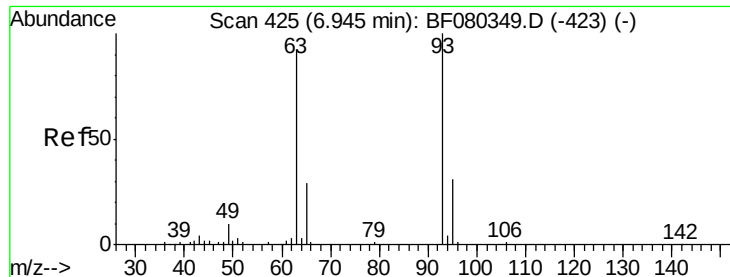
Ion Ratio Lower Upper

94 100

65 23.7 3.5 43.5

66 28.8 8.5 48.5

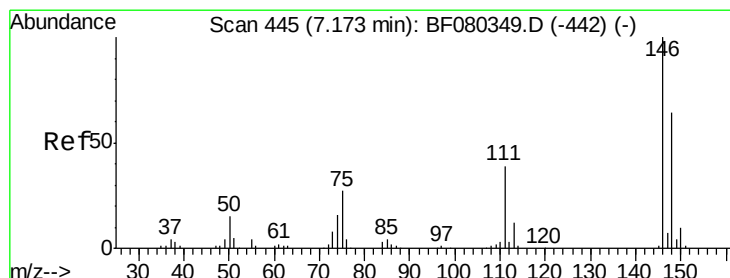
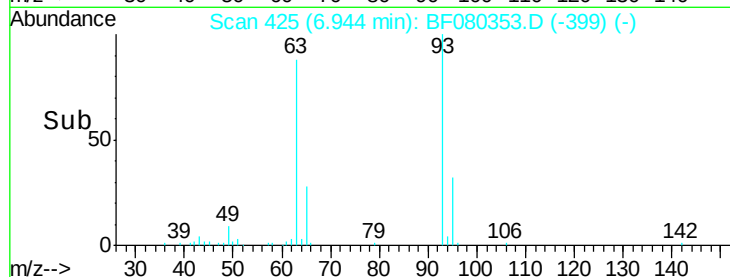
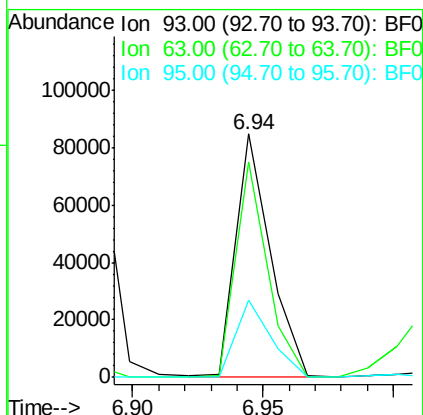
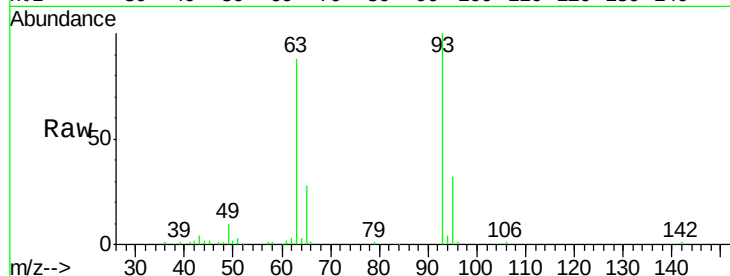




#11
bis(2-Chloroethyl)ether
Concen: 37.50 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

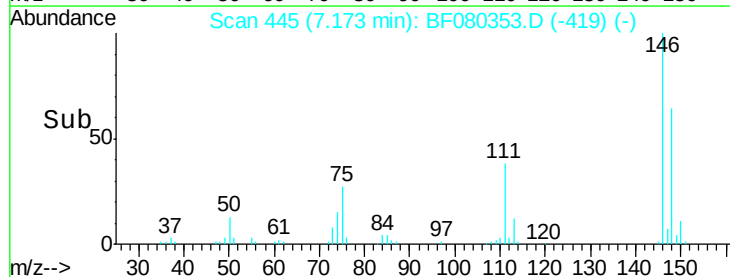
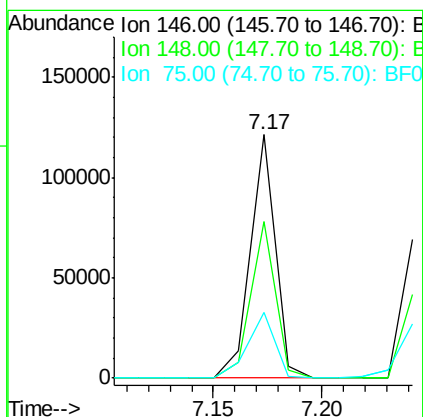
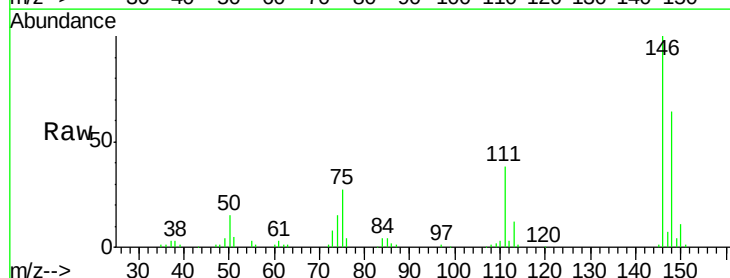
Instrument :
BNA_F
ClientSampleId :
PB84363BSD

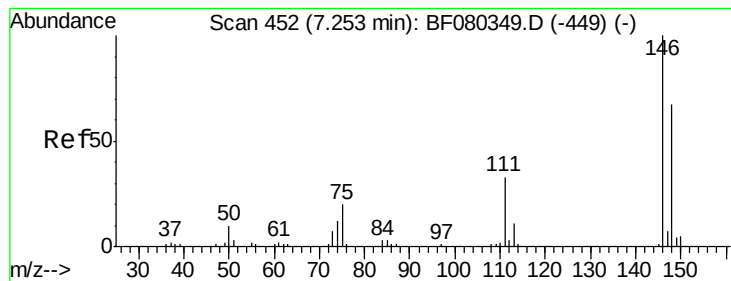
Tgt Ion: 93 Resp: 78549
Ion Ratio Lower Upper
93 100
63 88.4 71.3 111.3
95 31.8 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 35.24 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

Tgt Ion: 146 Resp: 96875
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
75 26.8 21.5 32.3





#13

1,4-Dichlorobenzene

Concen: 37.74 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.08 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD

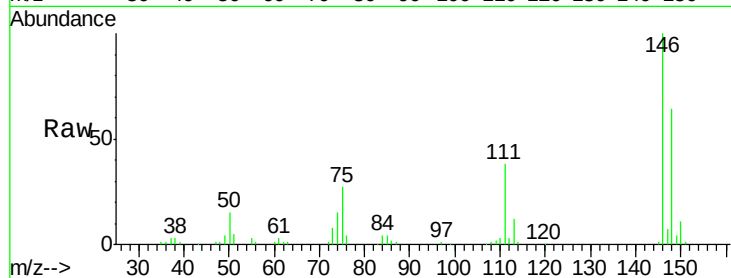
Tgt Ion:146 Resp: 96875

Ion Ratio Lower Upper

146 100

148 64.2 53.4 80.0

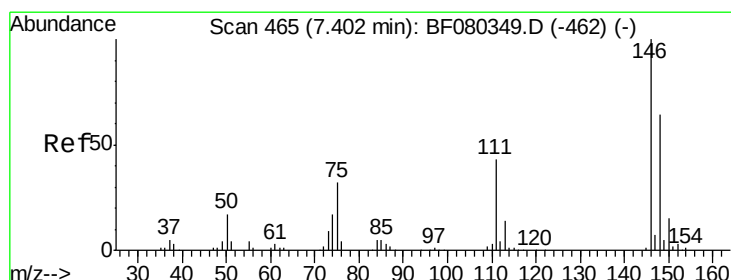
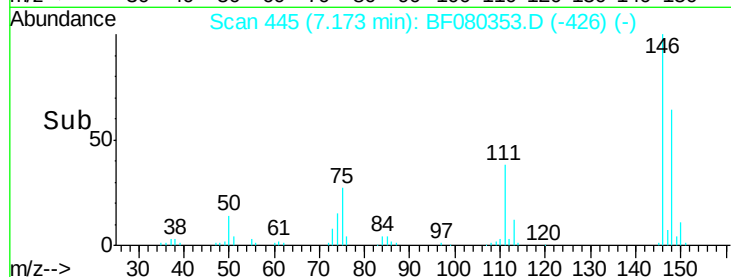
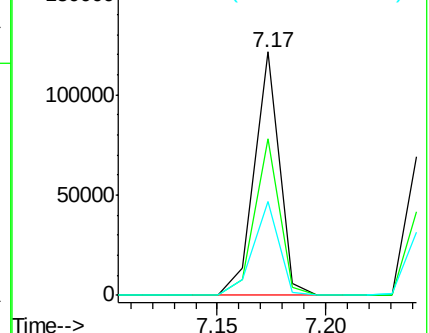
111 38.5 26.2 39.2



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: 36.99 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

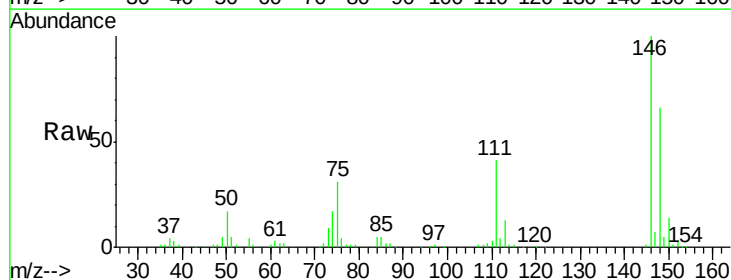
Tgt Ion:146 Resp: 96106

Ion Ratio Lower Upper

146 100

148 65.6 51.3 76.9

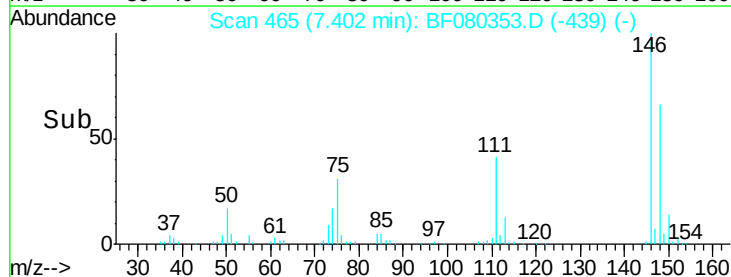
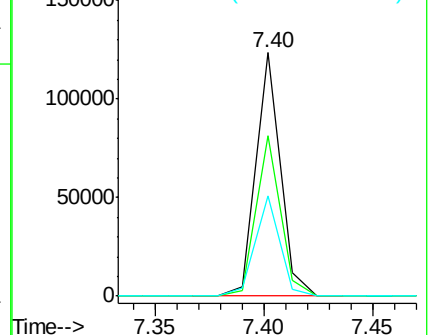
111 41.2 34.6 52.0

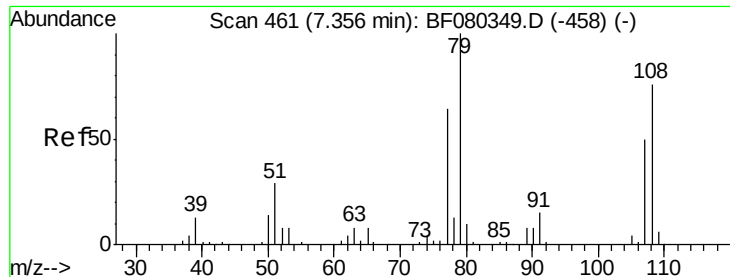


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.46 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD

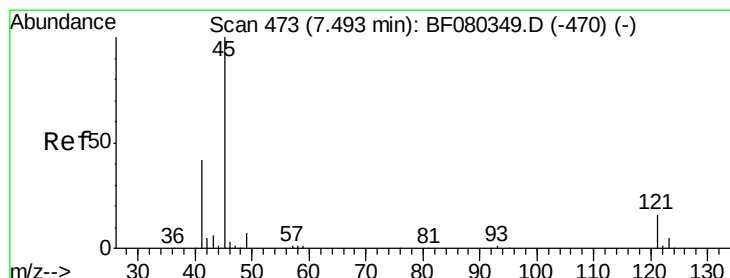
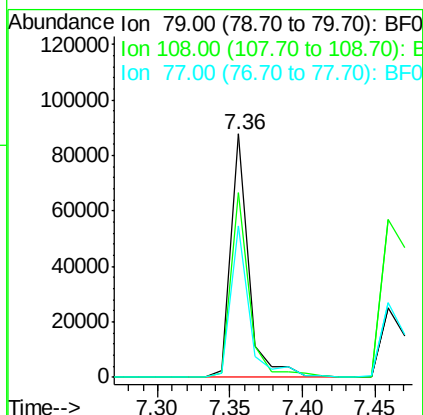
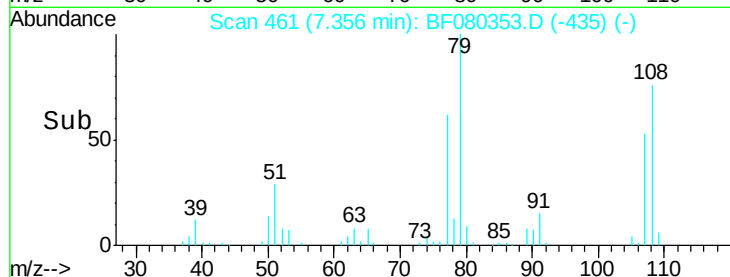
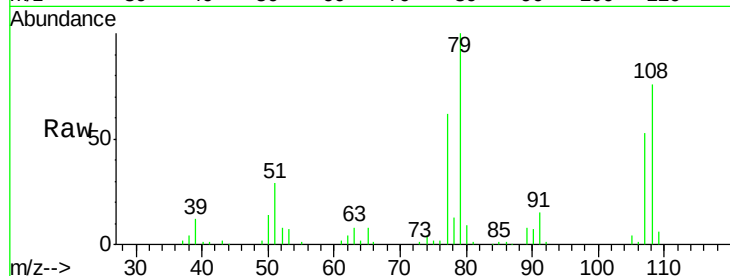
Tgt Ion: 79 Resp: 76228

Ion Ratio Lower Upper

79 100

108 76.1 60.6 90.8

77 62.0 50.8 76.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.29 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

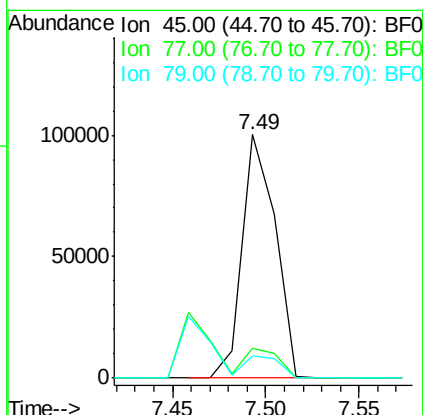
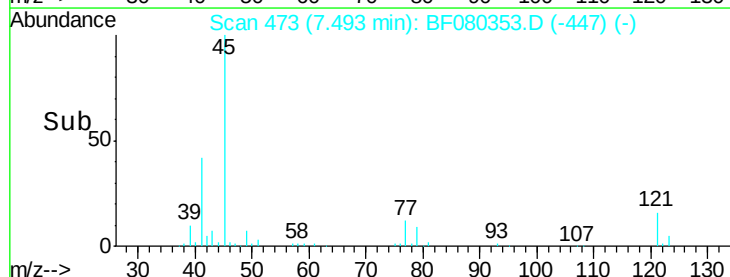
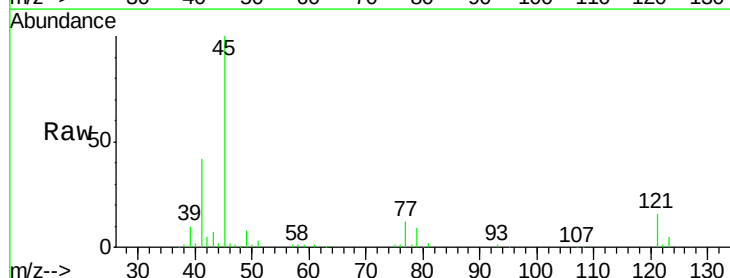
Tgt Ion: 45 Resp: 122927

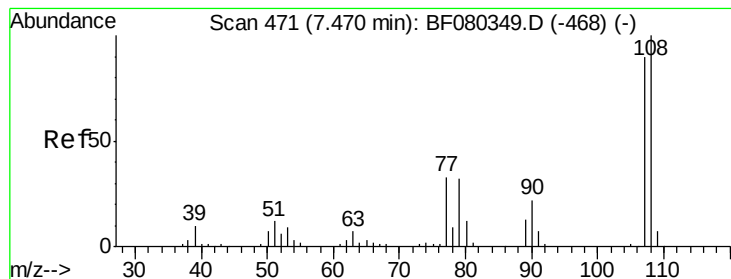
Ion Ratio Lower Upper

45 100

77 12.0 0.0 31.9

79 9.4 0.0 29.7





#17

2-Methylphenol

Concen: 36.30 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD

Tgt Ion:107 Resp: 63010

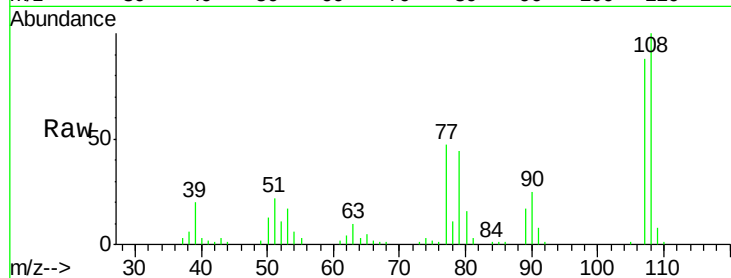
Ion Ratio Lower Upper

107 100

108 114.0 89.3 133.9

77 53.6 29.5 44.3#

79 50.4 28.6 43.0#

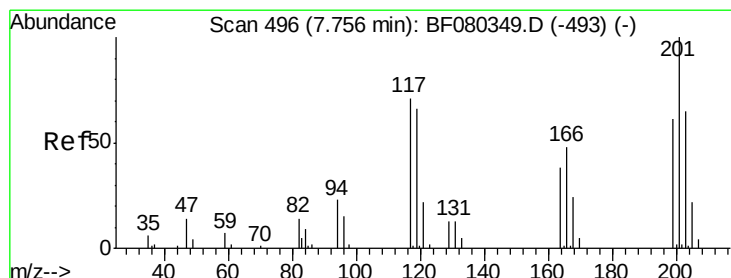
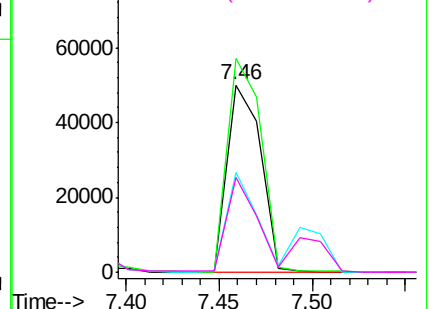
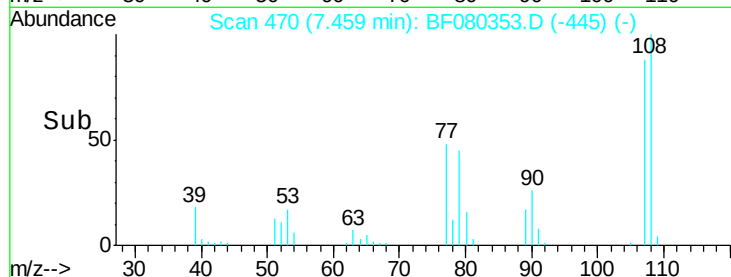


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.17 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

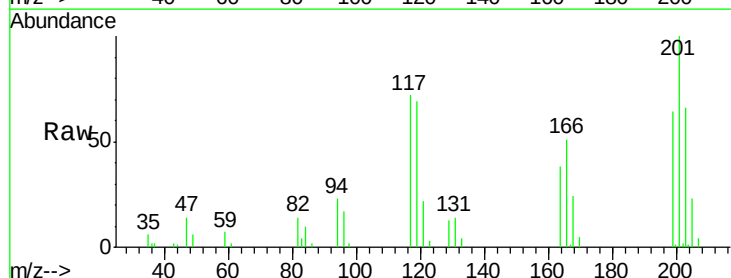
Tgt Ion:117 Resp: 29012

Ion Ratio Lower Upper

117 100

119 96.8 74.2 111.4

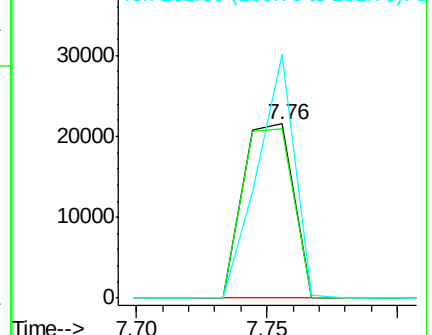
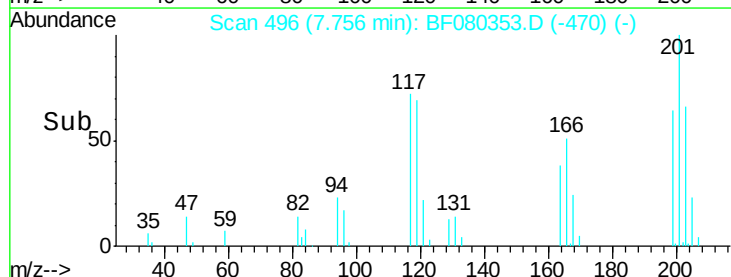
201 139.6 112.4 168.6

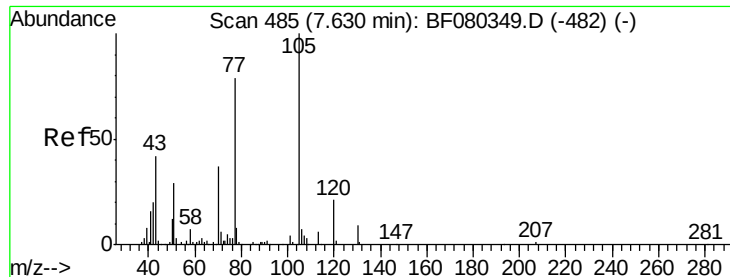


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

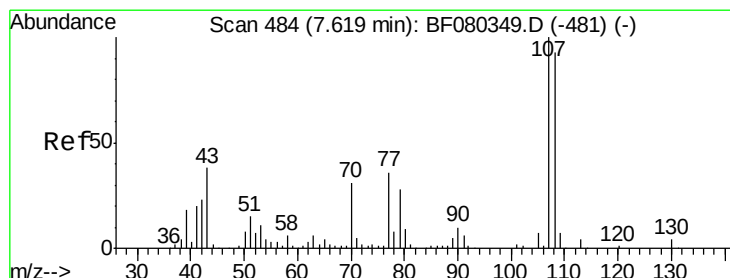
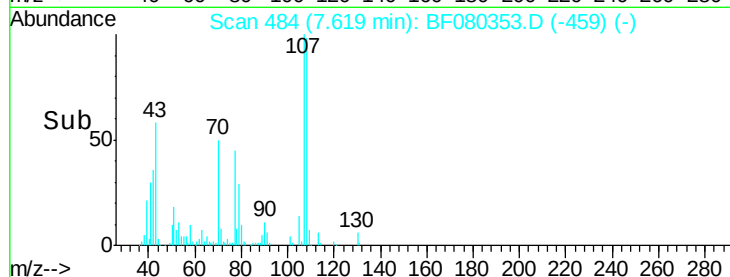
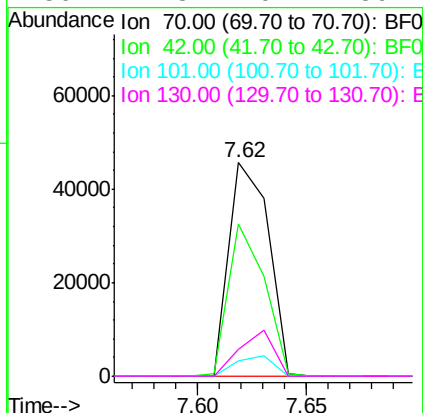
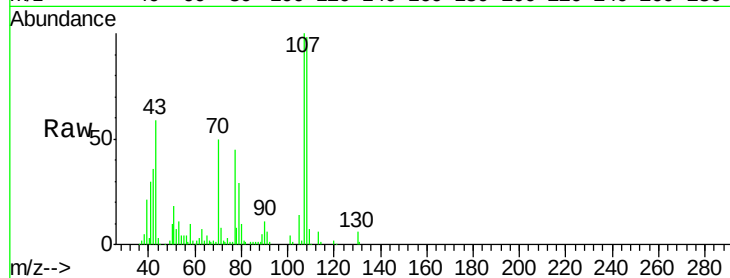




#19
n-Nitroso-di-n-propylamine
Concen: 34.80 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

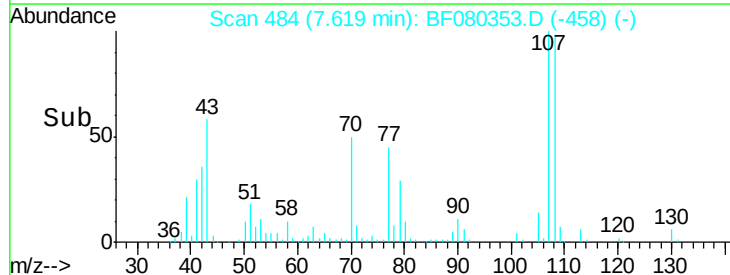
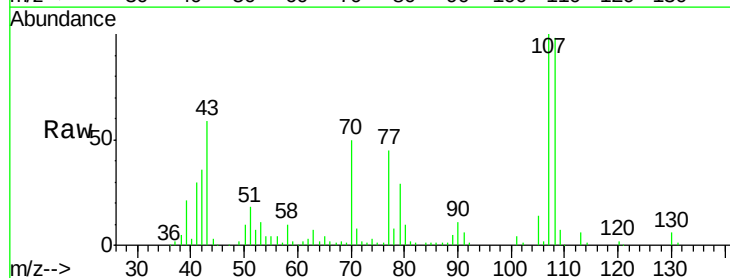
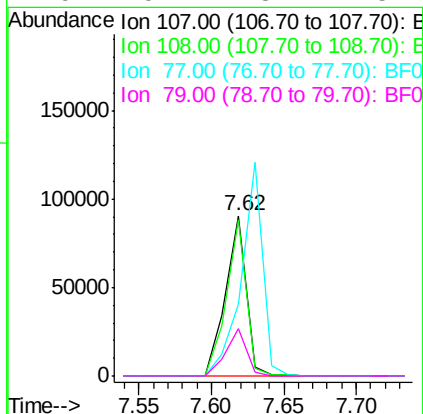
Instrument :
BNA_F
ClientSampleId :
PB84363BSD

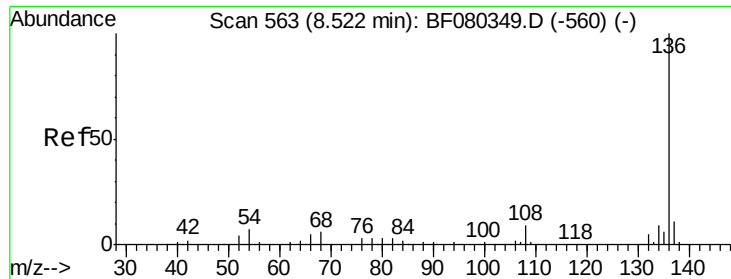
Tgt Ion: 70 Resp: 57818
Ion Ratio Lower Upper
70 100
42 71.1 43.0 64.6#
101 7.4 8.3 12.5#
130 12.8 20.2 30.2#



#20
3+4-Methylphenols
Concen: 37.40 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

Tgt Ion: 107 Resp: 90482
Ion Ratio Lower Upper
107 100
108 97.7 73.4 113.4
77 44.6 16.4 56.4
79 29.2 8.2 48.2

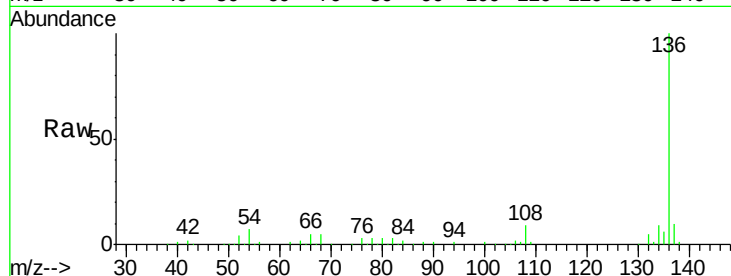




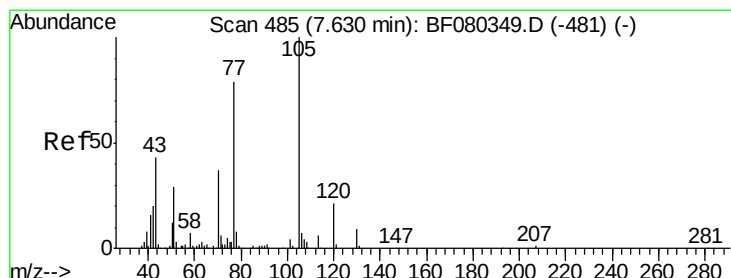
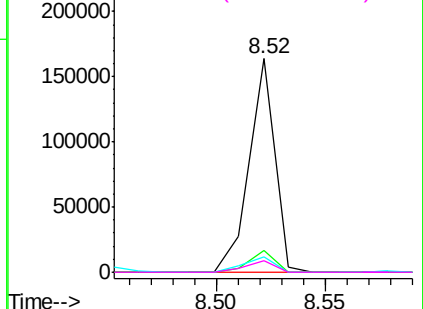
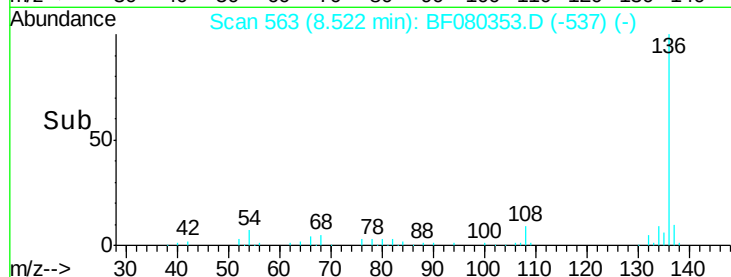
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

Instrument :
BNA_F
ClientSampleId :
PB84363BSD

Tgt Ion:	136	Resp:	133953
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.5	12.7
54	6.9	5.8	8.8
68	5.3	4.6	6.8

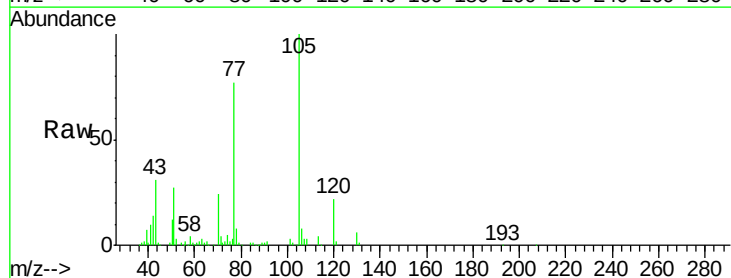


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

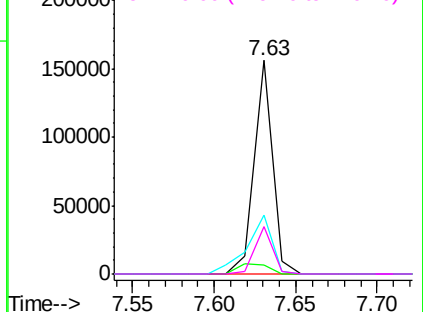
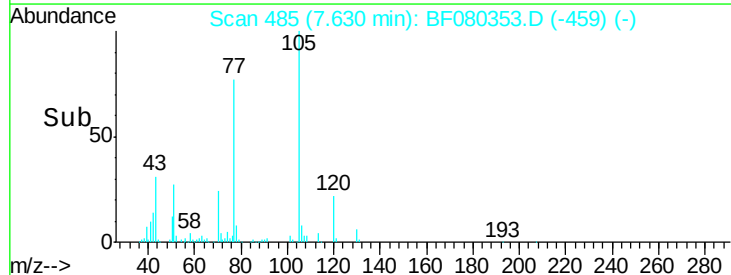


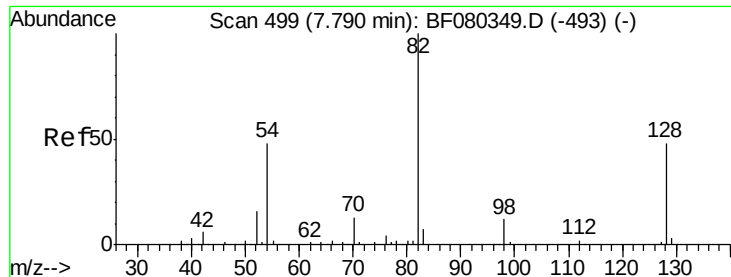
#22
Acetophenone
Concen: 39.73 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

Tgt Ion:	105	Resp:	122785
Ion	Ratio	Lower	Upper
105	100		
71	4.3	5.0	7.6#
51	27.4	23.2	34.8
120	22.3	17.0	25.4



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

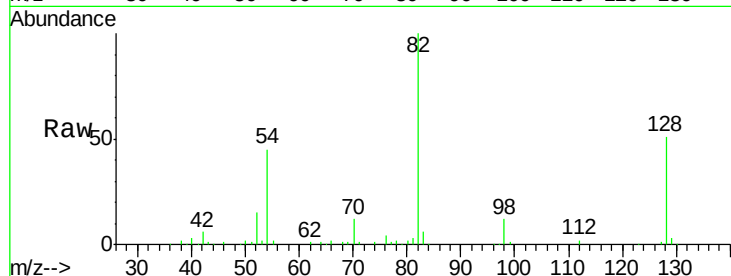




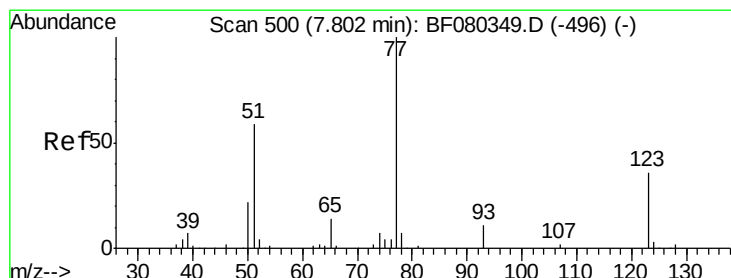
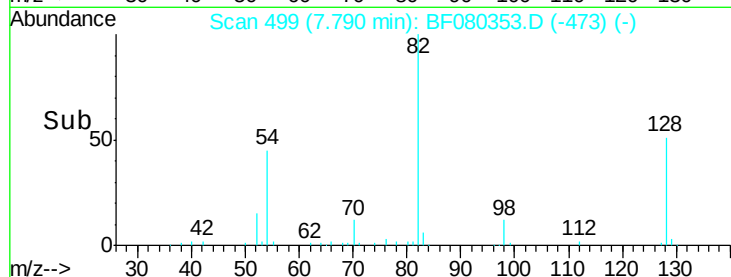
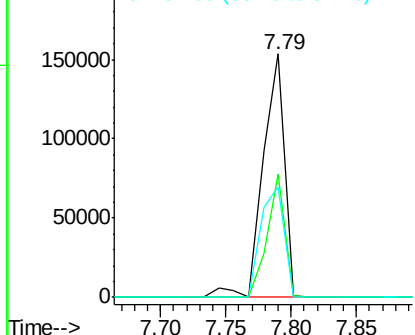
#23
 Nitrobenzene-d5
 Concen: 76.94 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BSD

Tgt Ion: 82 Resp: 176706
 Ion Ratio Lower Upper
 82 100
 128 50.6 38.4 57.6
 54 45.4 38.2 57.2

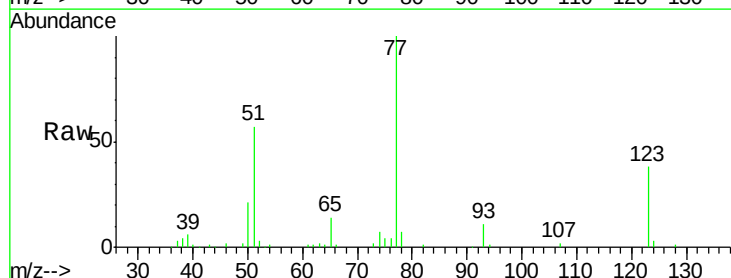


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

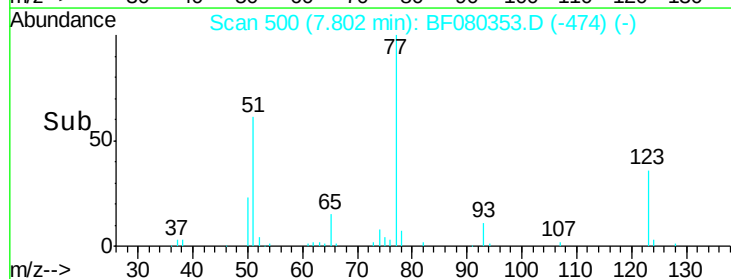
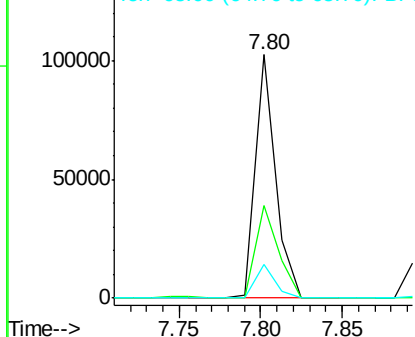


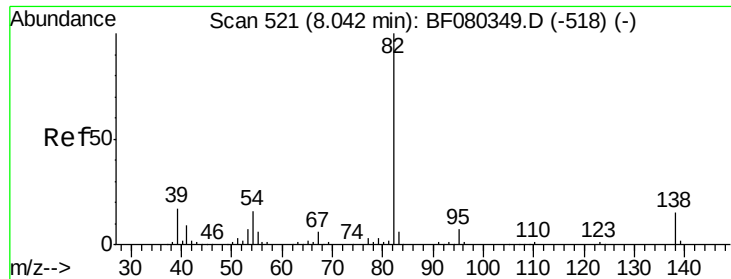
#24
 Nitrobenzene
 Concen: 38.40 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Tgt Ion: 77 Resp: 88596
 Ion Ratio Lower Upper
 77 100
 123 37.9 29.6 44.4
 65 13.8 11.1 16.7



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





#25

Isophorone

Concen: 38.74 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD

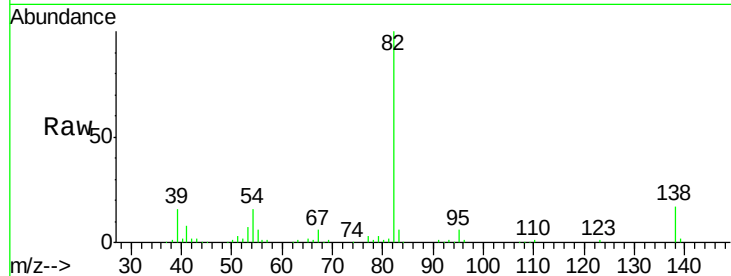
Tgt Ion: 82 Resp: 171262

Ion Ratio Lower Upper

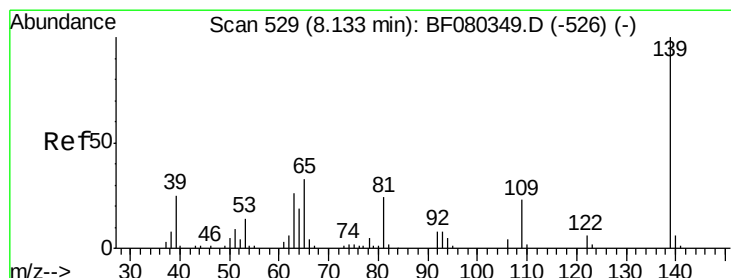
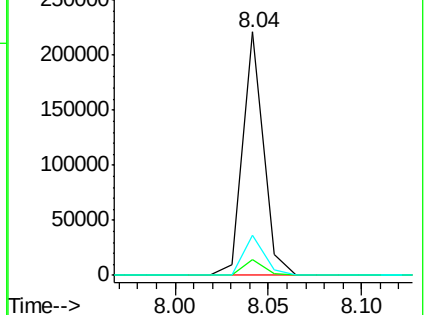
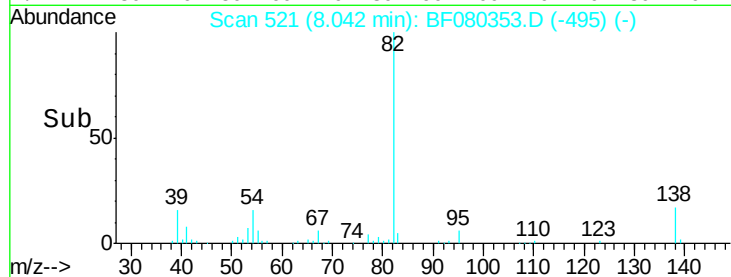
82 100

95 6.4 5.2 7.8

138 16.6 12.0 18.0



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 36.47 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

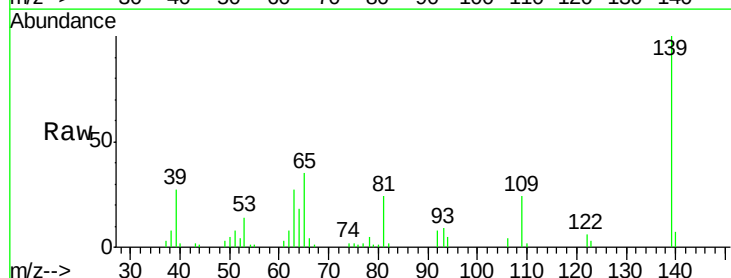
Tgt Ion: 139 Resp: 36416

Ion Ratio Lower Upper

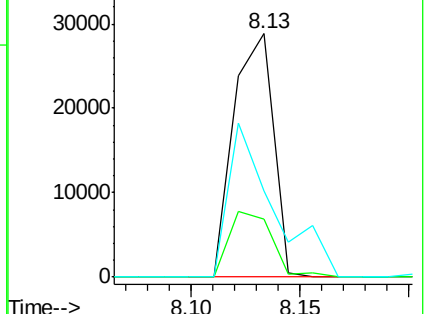
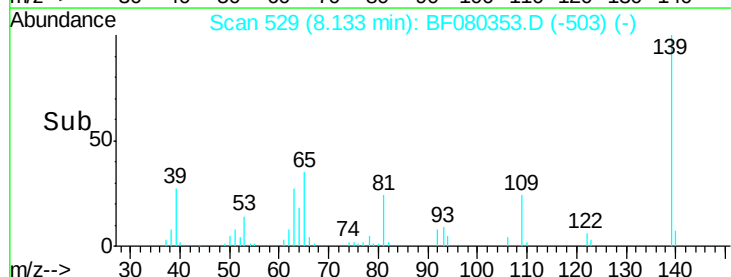
139 100

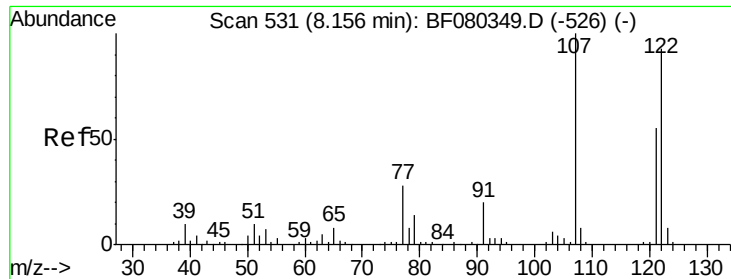
109 23.7 18.4 27.6

65 35.2 26.7 40.1



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

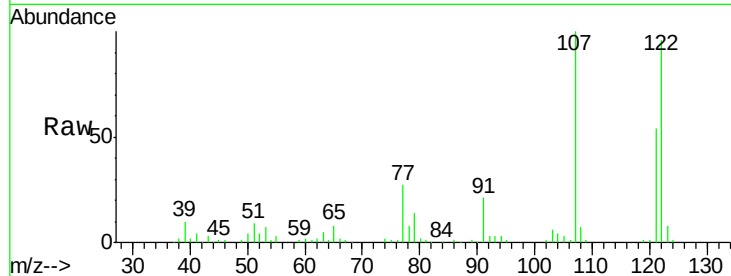




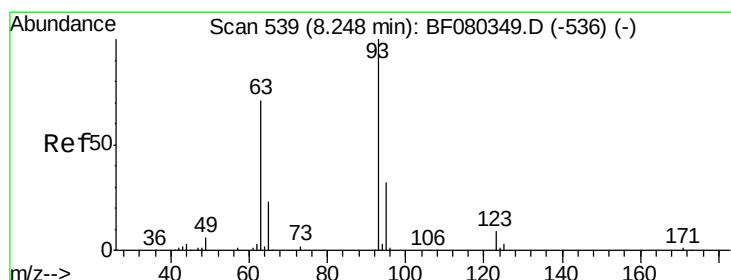
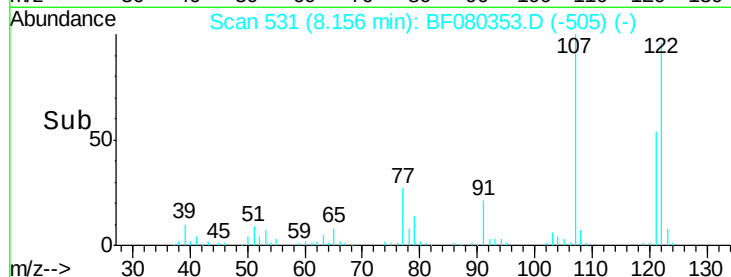
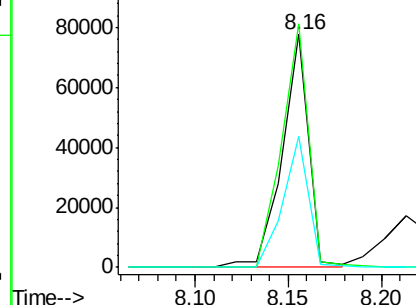
#27
2,4-Dimethylphenol
Concen: 39.07 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

Instrument :
BNA_F
ClientSampleId :
PB84363BSD

Tgt Ion: 122 Resp: 76749
Ion Ratio Lower Upper
122 100
107 104.4 85.8 128.6
121 56.2 46.9 70.3

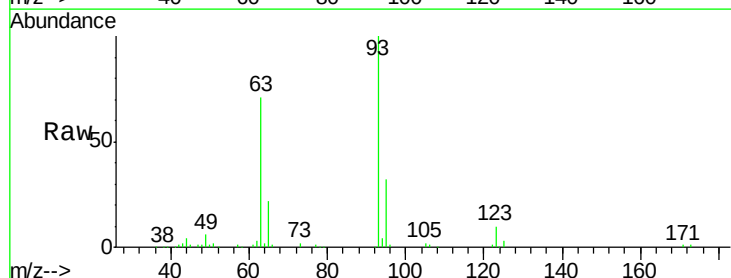


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

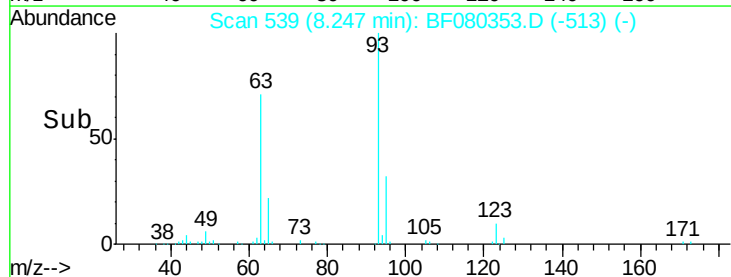
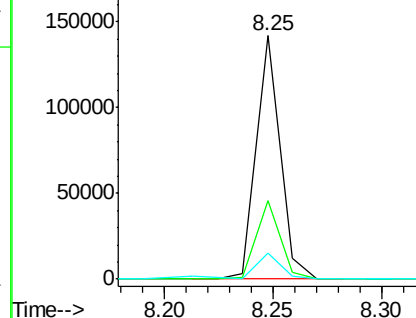


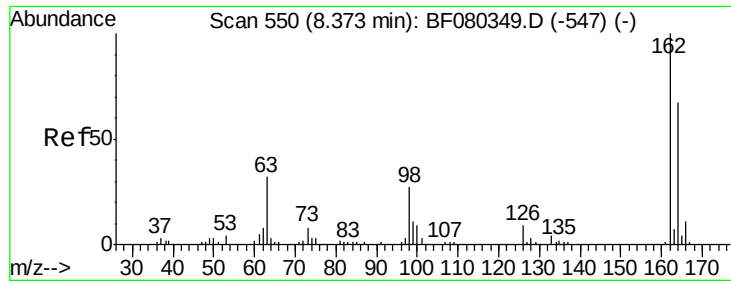
#28
bis(2-Chloroethoxy)methane
Concen: 39.36 ng
RT: 8.25 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

Tgt Ion: 93 Resp: 108049
Ion Ratio Lower Upper
93 100
95 32.4 25.3 37.9
123 10.5 7.8 11.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

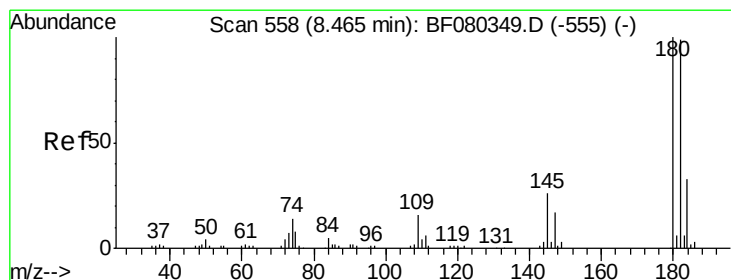
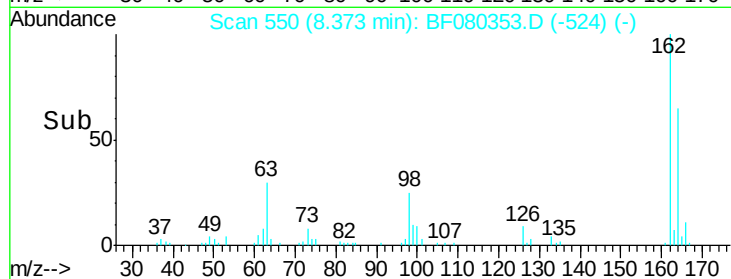
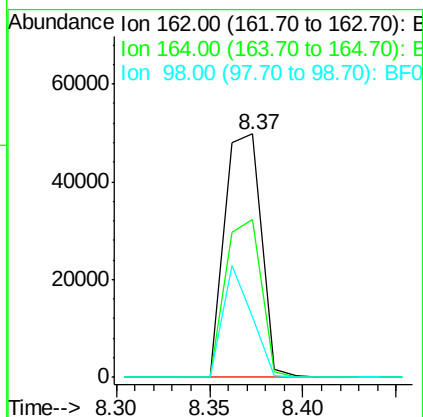
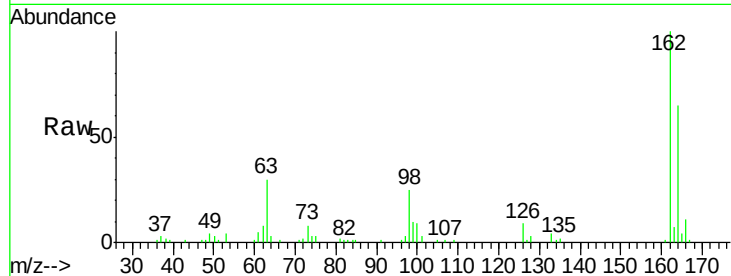




#29
 2,4-Dichlorophenol
 Concen: 39.24 ng
 RT: 8.37 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

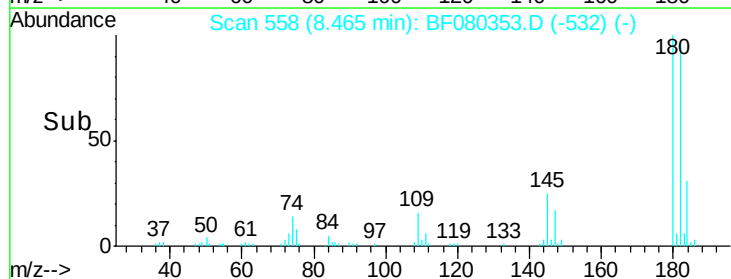
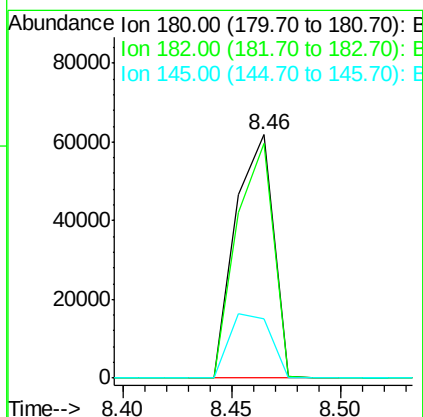
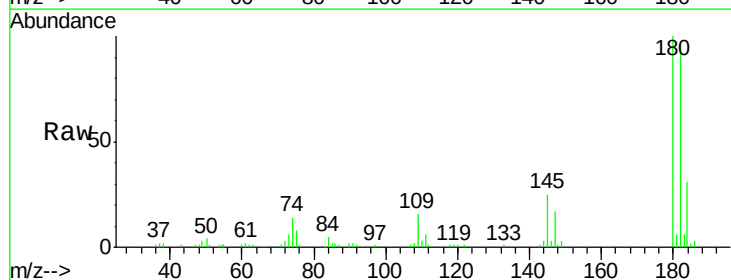
Instrument :
 BNA_F
 ClientSampleId :
 PB84363BSD

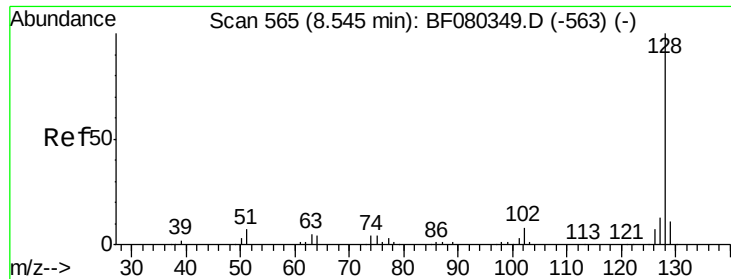
Tgt Ion:162 Resp: 68445
 Ion Ratio Lower Upper
 162 100
 164 64.9 47.0 87.0
 98 25.1 6.6 46.6



#30
 1,2,4-Trichlorobenzene
 Concen: 36.10 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Tgt Ion:180 Resp: 74829
 Ion Ratio Lower Upper
 180 100
 182 96.2 79.0 118.4
 145 24.5 20.5 30.7

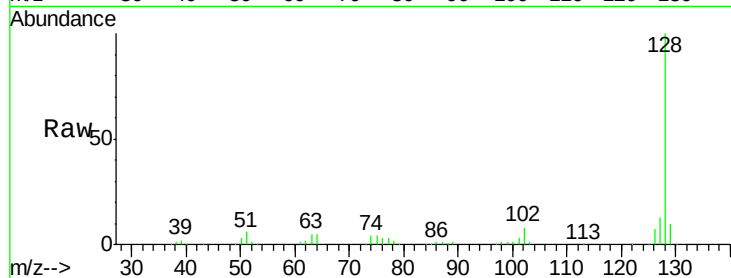




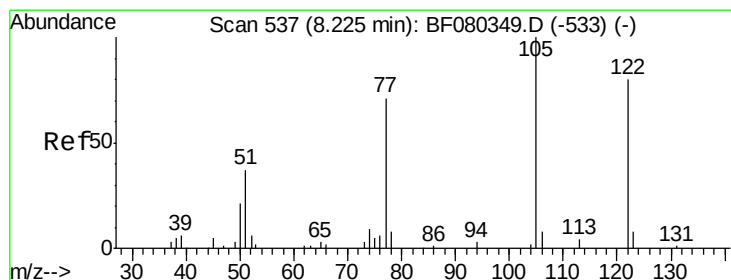
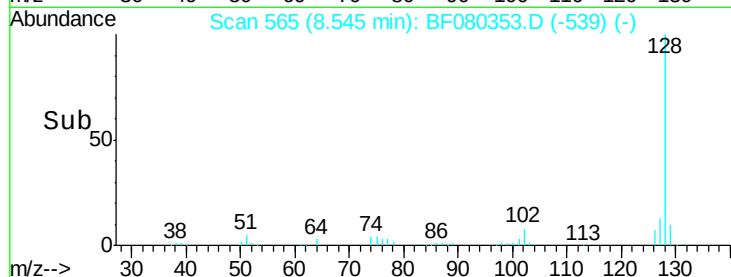
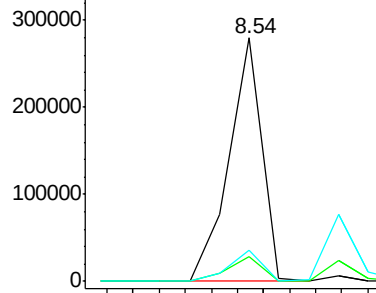
#31
Naphthalene
Concen: 36.04 ng
RT: 8.54 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

Instrument :
BNA_F
ClientSampleId :
PB84363BSD

Tgt Ion:128 Resp: 247626
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 12.8 10.4 15.6

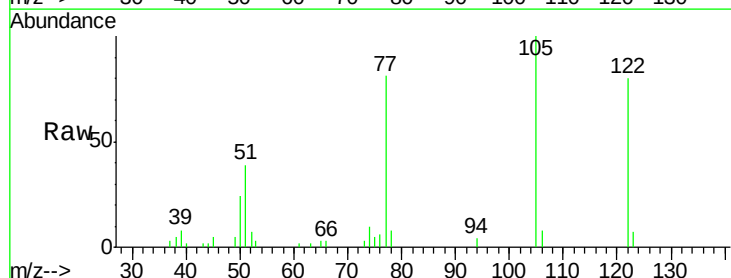


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

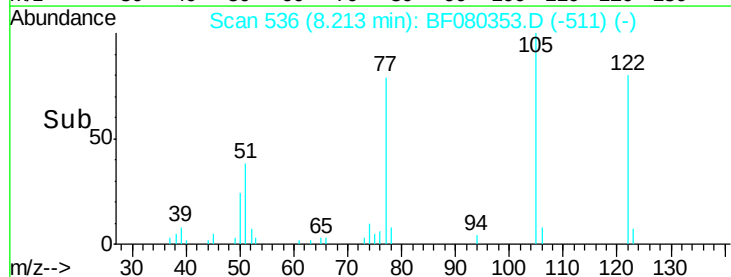
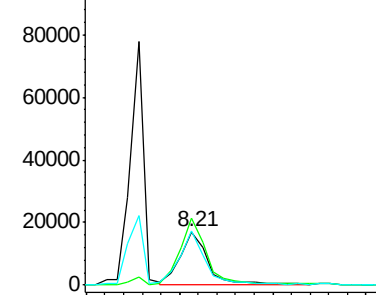


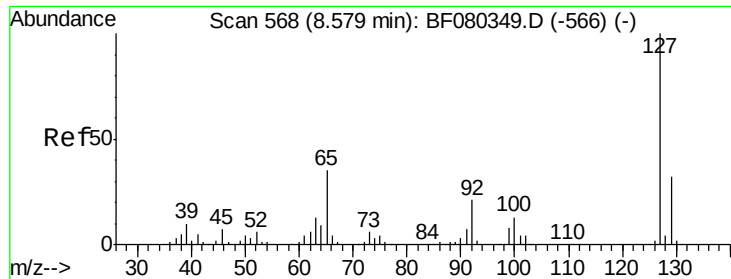
#32
Benzoic acid
Concen: 37.21 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

Tgt Ion:122 Resp: 35905
Ion Ratio Lower Upper
122 100
105 124.9 102.2 142.2
77 101.8 68.8 108.8



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

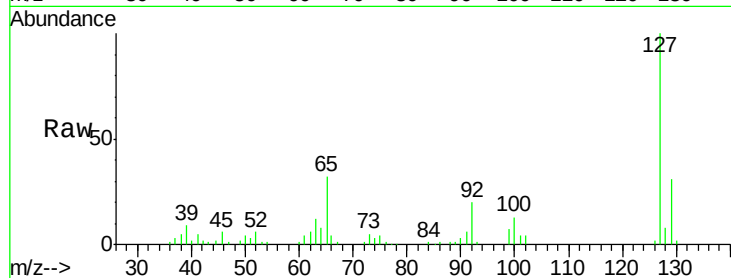




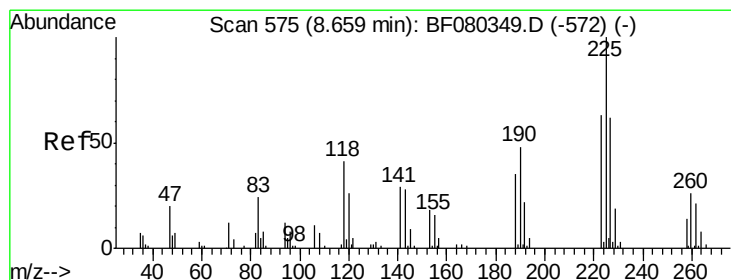
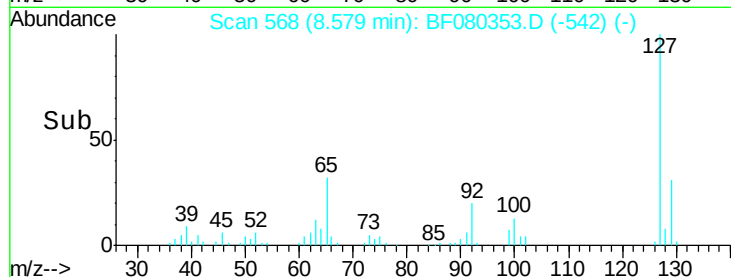
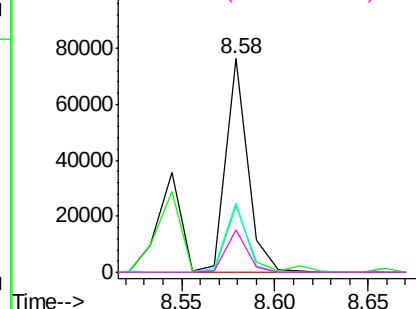
#33
4-Chloroaniline
Concen: 22.85 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

Instrument :
BNA_F
ClientSampleId :
PB84363BSD

Tgt Ion:	127	Resp:	62594
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.2
65	32.2	28.1	42.1
92	19.5	16.6	24.8

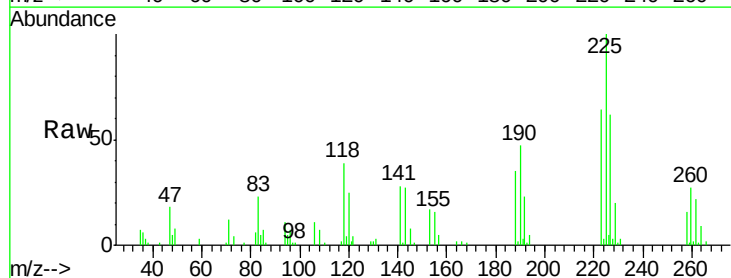


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

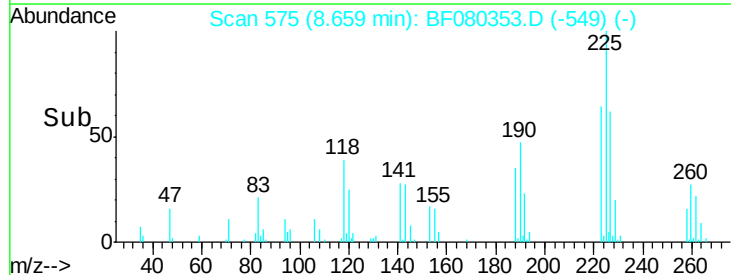
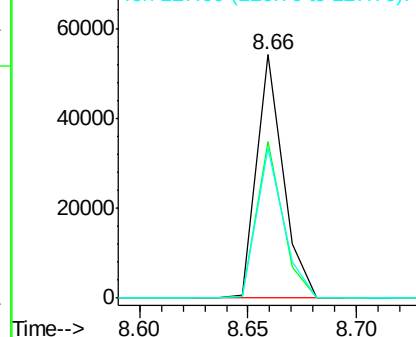


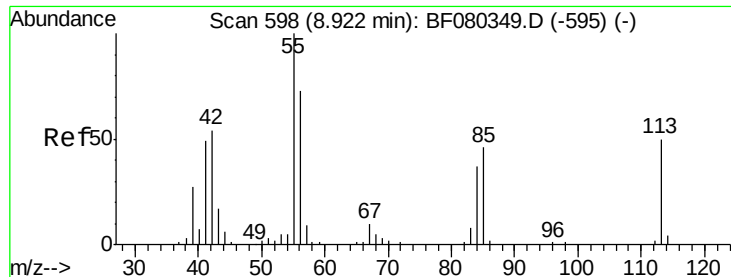
#34
Hexachlorobutadiene
Concen: 36.35 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

Tgt Ion:	225	Resp:	45840
Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.3	75.5
227	61.8	49.4	74.2



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

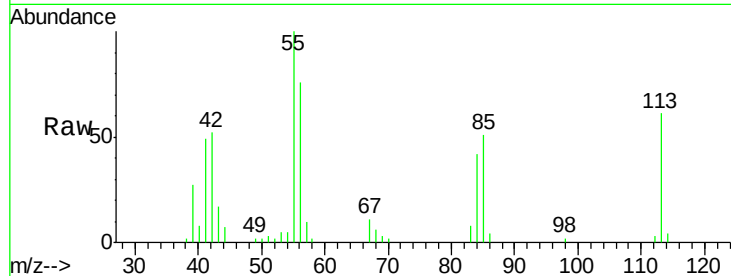




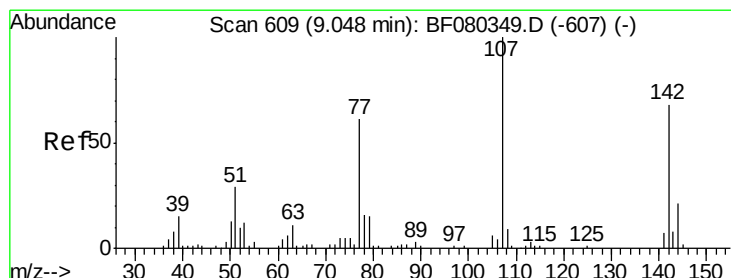
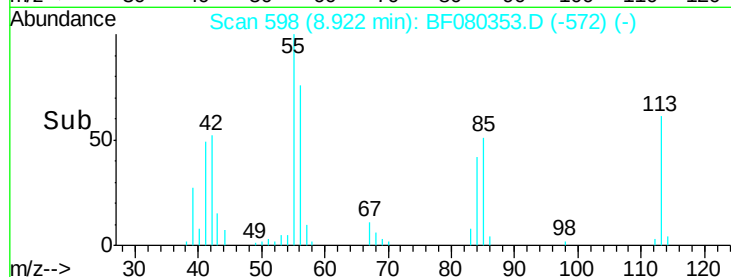
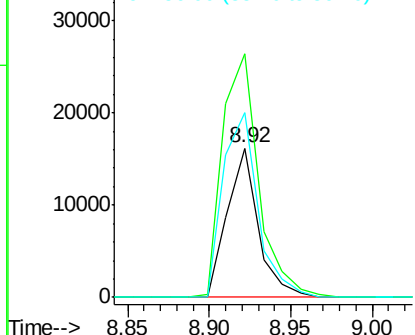
#35
 Caprolactam
 Concen: 39.02 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BSD

Tgt Ion:113 Resp: 21017
 Ion Ratio Lower Upper
 113 100
 55 163.1 181.4 221.4#
 56 124.1 127.3 167.3#

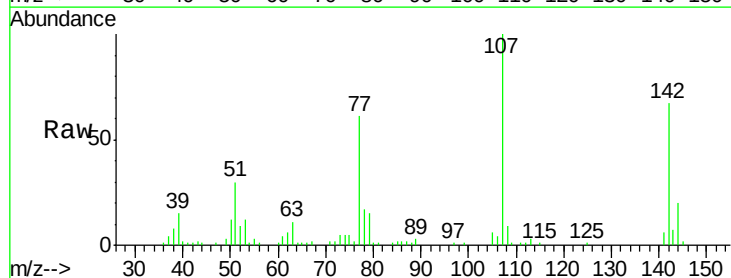


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

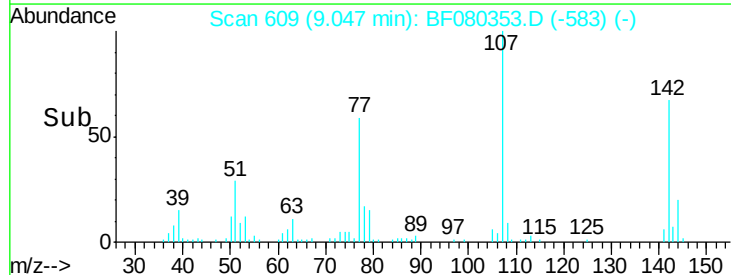
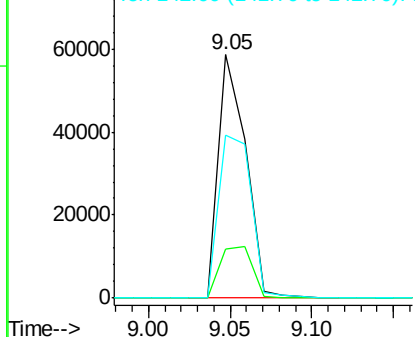


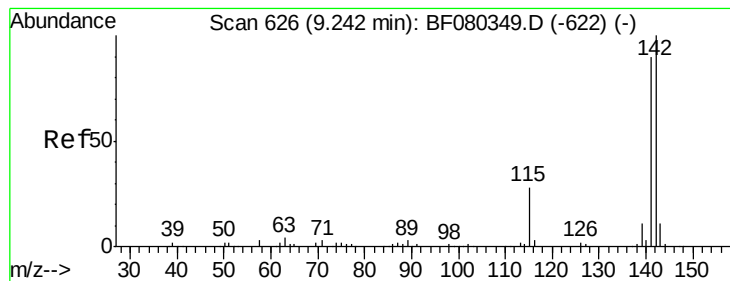
#36
 4-Chloro-3-methylphenol
 Concen: 38.03 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Tgt Ion:107 Resp: 68425
 Ion Ratio Lower Upper
 107 100
 144 20.2 16.7 25.1
 142 66.9 54.4 81.6



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: 38.22 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD

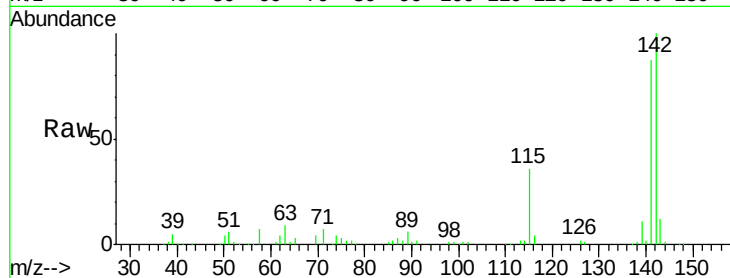
Tgt Ion:142 Resp: 167437

Ion Ratio Lower Upper

142 100

141 87.0 71.8 107.8

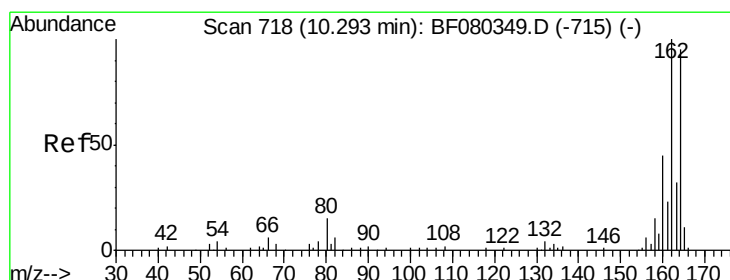
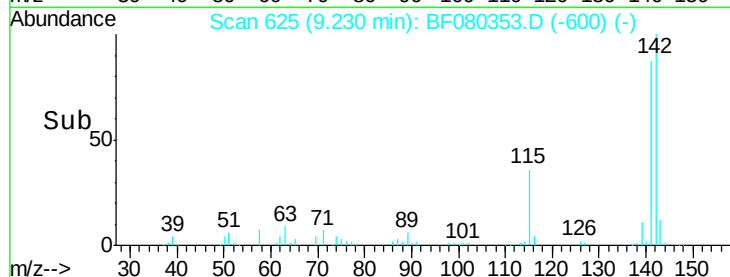
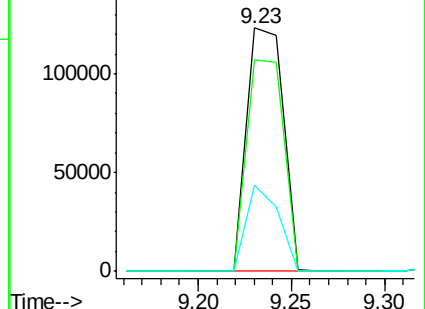
115 35.6 22.6 34.0#



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: 10.29 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

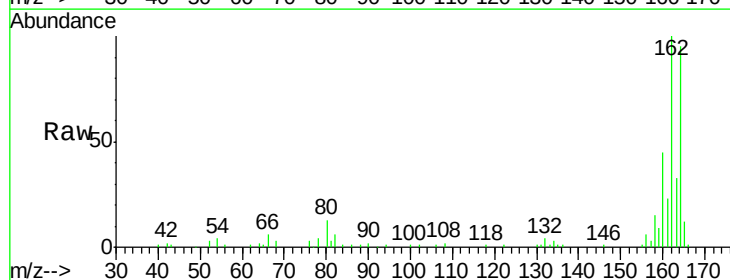
Tgt Ion:164 Resp: 65248

Ion Ratio Lower Upper

164 100

162 105.5 84.5 126.7

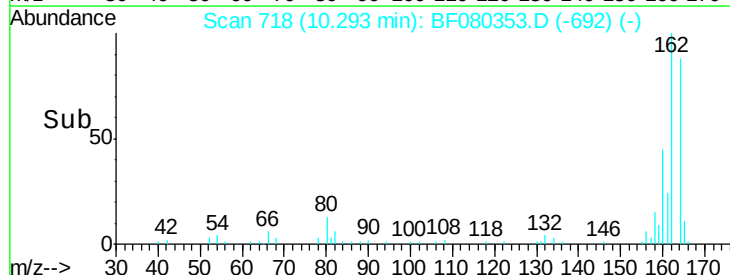
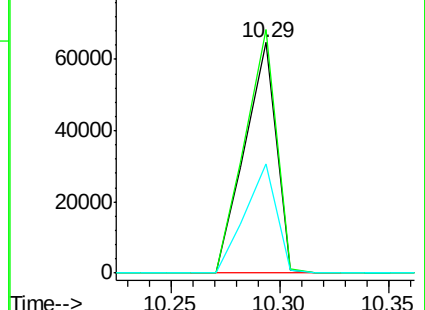
160 47.6 37.7 56.5

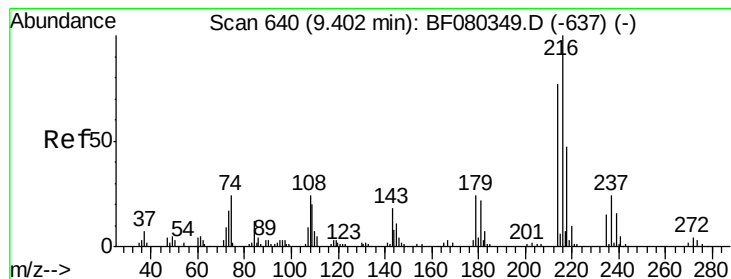


Abundance Ion 164.00 (163.70 to 164.70): E

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: 36.60 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD

Tgt Ion:216 Resp: 75695

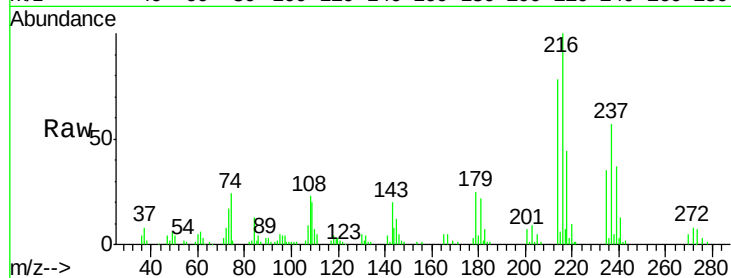
Ion Ratio Lower Upper

216 100

214 77.6 61.2 91.8

179 21.6 16.9 25.3

108 21.4 16.2 24.4

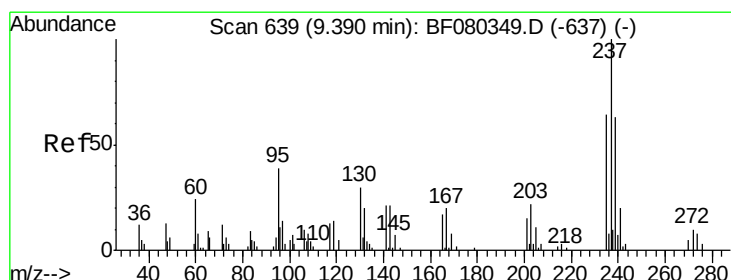
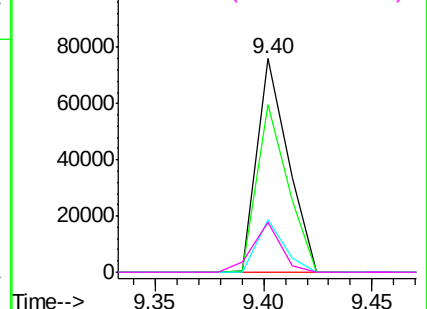
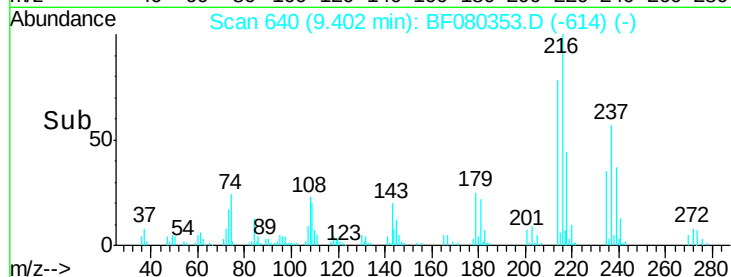


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.25 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

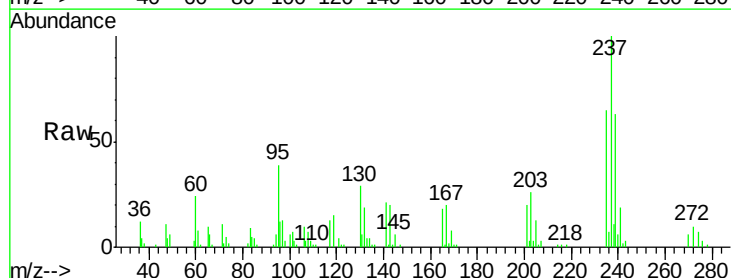
Tgt Ion:237 Resp: 63346

Ion Ratio Lower Upper

237 100

235 65.4 44.2 84.2

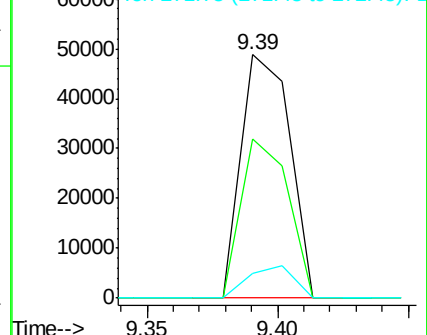
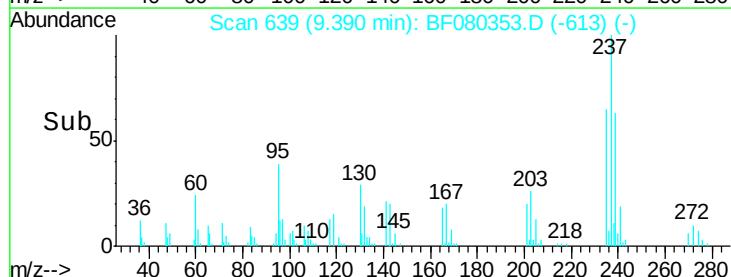
272 10.1 0.0 29.7

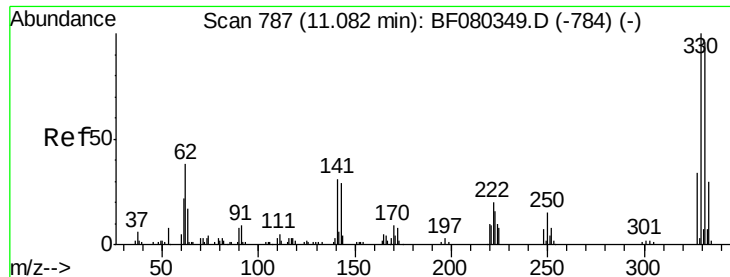


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

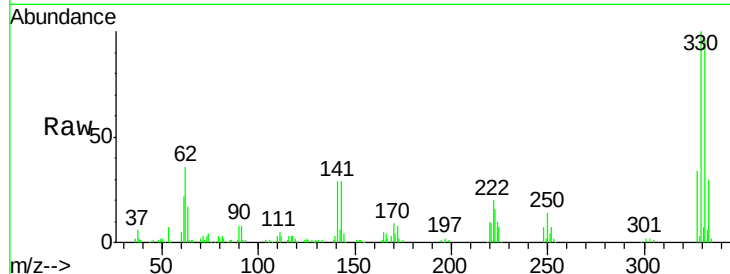




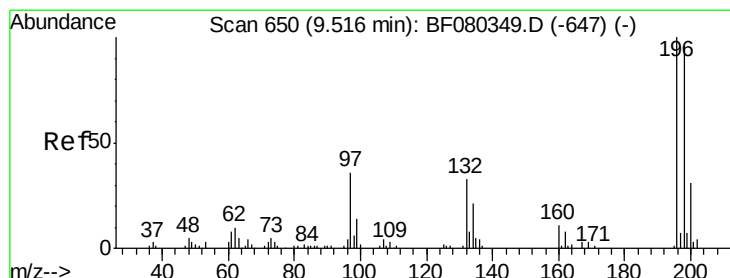
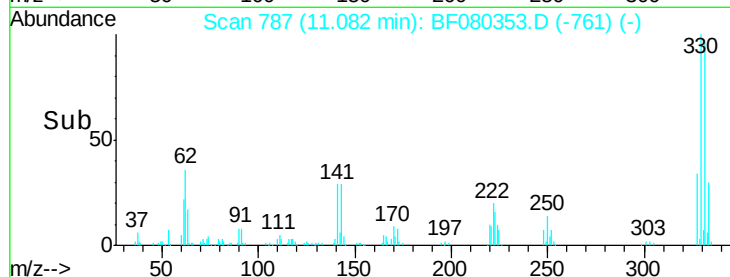
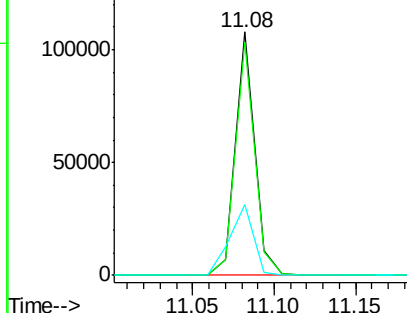
#41
 2,4,6-Tribromophenol
 Concen: 127.21 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BSD

Tgt Ion:330 Resp: 86851
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.4
 141 35.7 29.6 44.4

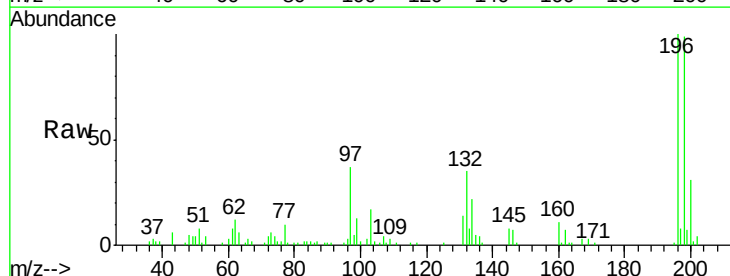


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

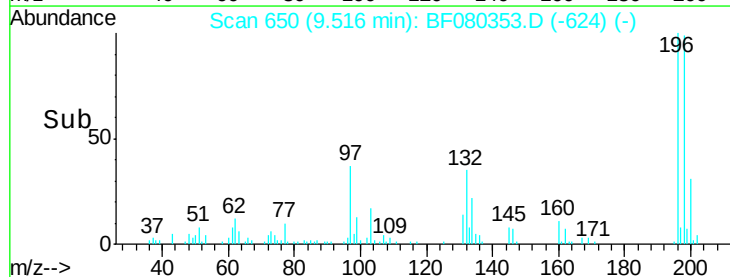
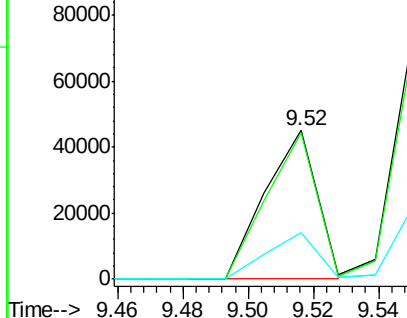


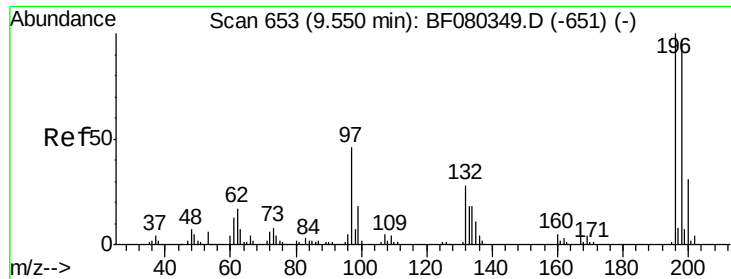
#42
 2,4,6-Trichlorophenol
 Concen: 36.53 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Tgt Ion:196 Resp: 49757
 Ion Ratio Lower Upper
 196 100
 198 98.7 76.4 114.6
 200 31.3 24.6 37.0



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

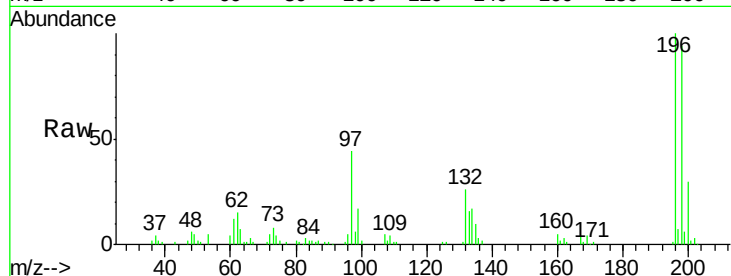




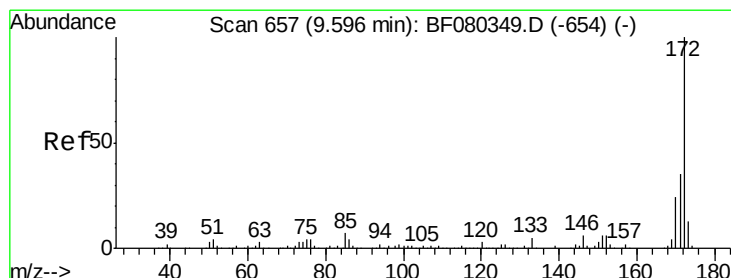
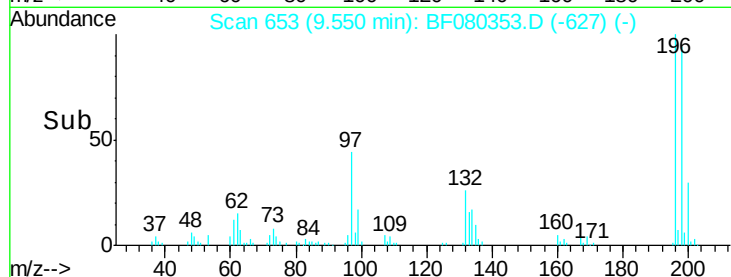
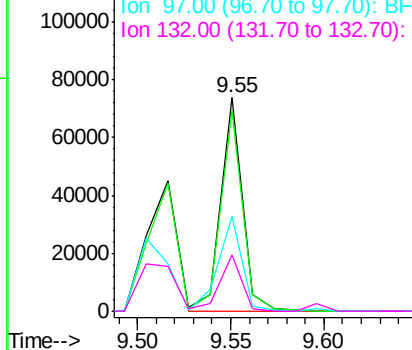
#43
 2,4,5-Trichlorophenol
 Concen: 37.36 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BSD

Tgt Ion:196 Resp: 59324
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.2 115.8
 97 44.1 37.0 55.6
 132 26.4 22.2 33.2

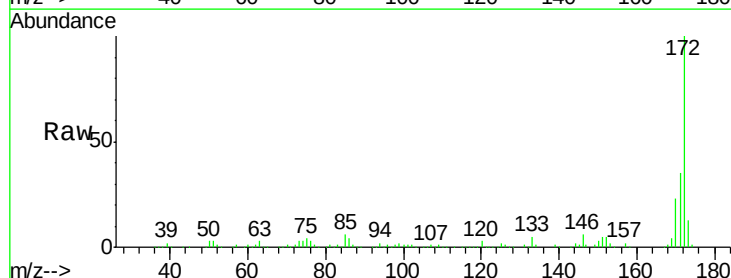


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

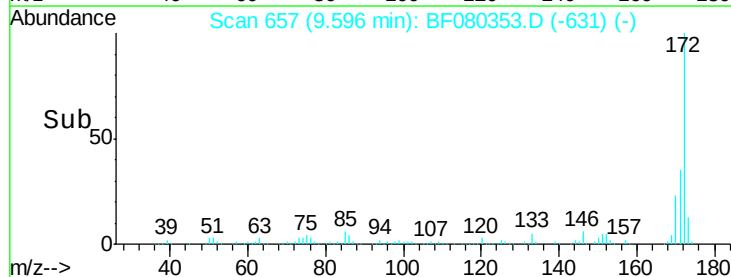
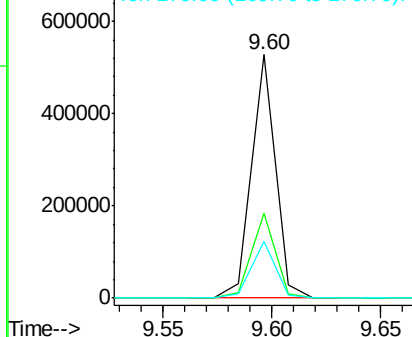


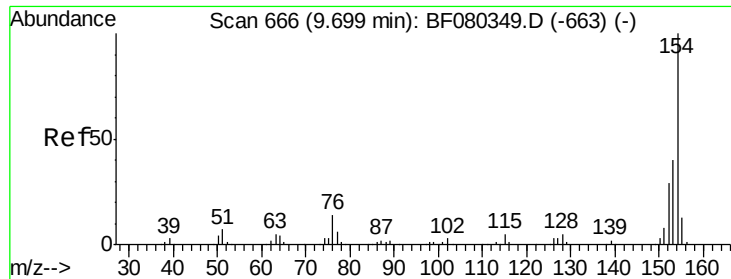
#44
 2-Fluorobiphenyl
 Concen: 83.58 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Tgt Ion:172 Resp: 404088
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.3 42.5
 170 23.5 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

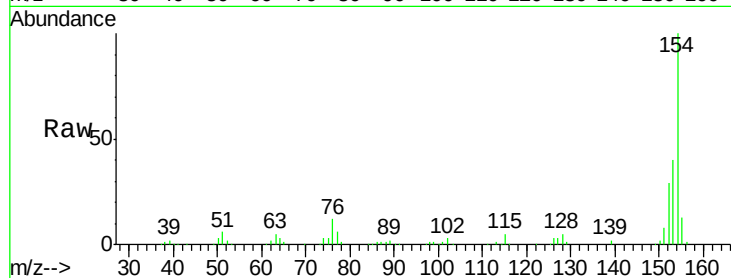




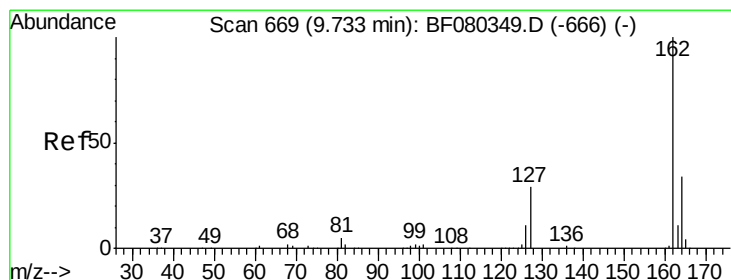
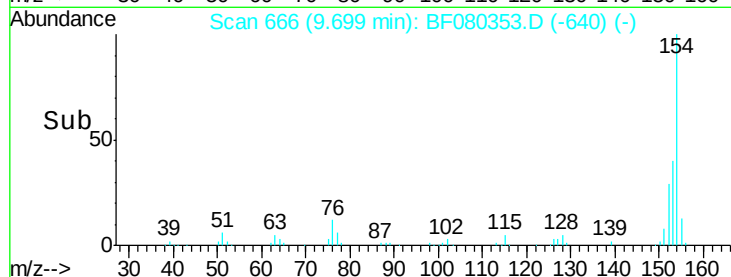
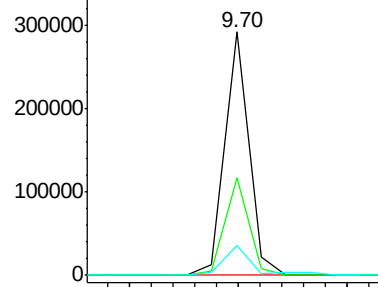
#45
 1,1'-Biphenyl
 Concen: 38.69 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BSD

Tgt Ion:	154	Resp:	224058
Ion Ratio	Lower	Upper	
154	100		
153	40.2	19.8	59.8
76	12.5	0.0	33.6

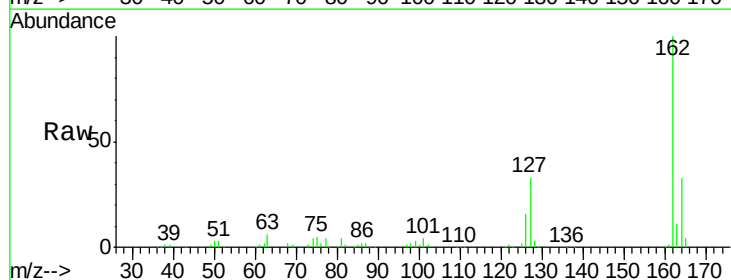


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

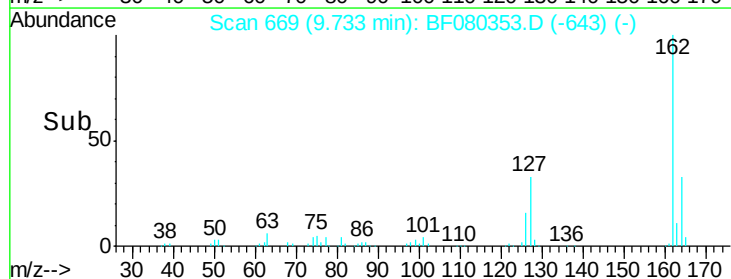
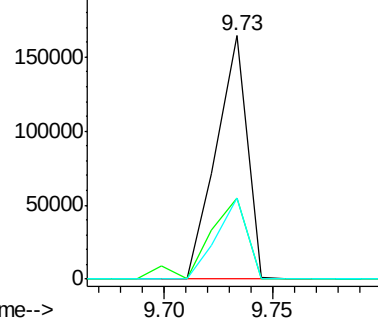


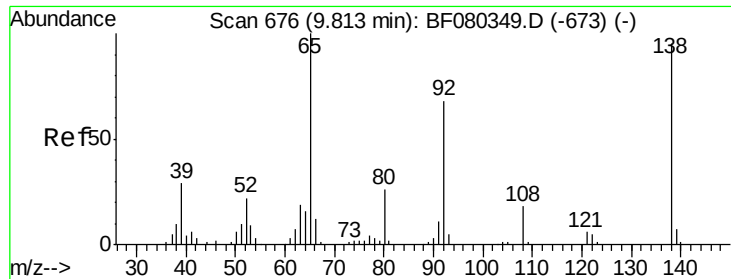
#46
 2-Chloronaphthalene
 Concen: 36.82 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Tgt Ion:	162	Resp:	162591
Ion Ratio	Lower	Upper	
162	100		
127	33.0	27.3	40.9
164	33.2	27.2	40.8



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

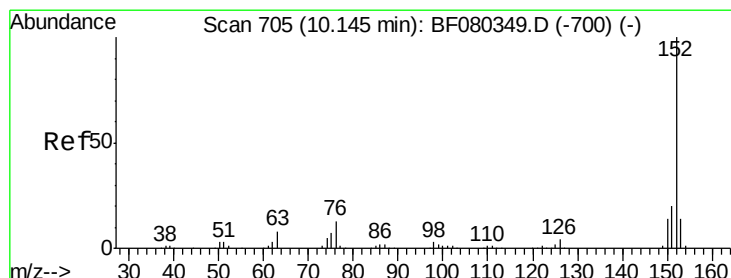
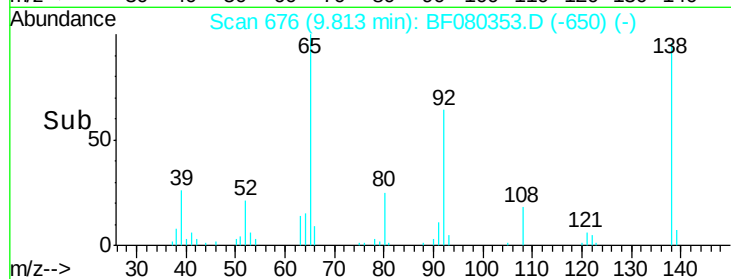
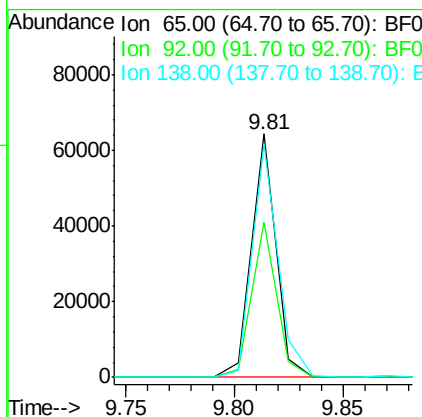
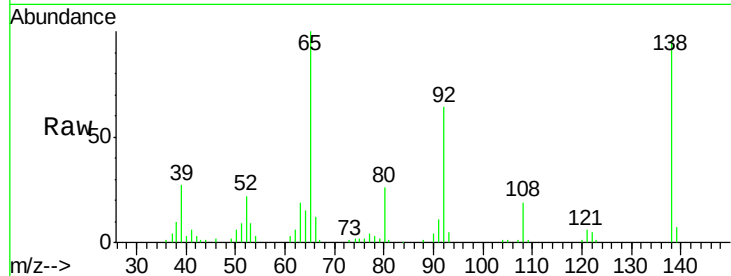




#47
 2-Nitroaniline
 Concen: 40.39 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

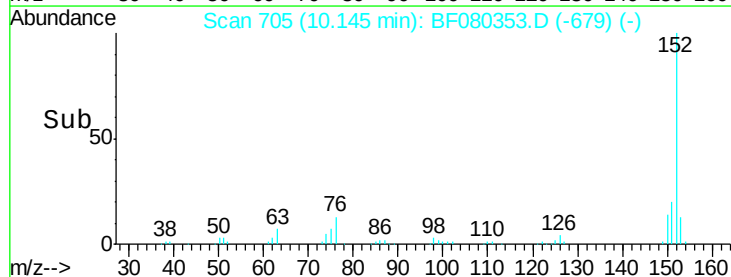
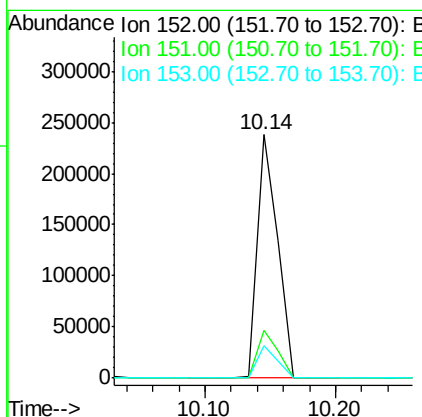
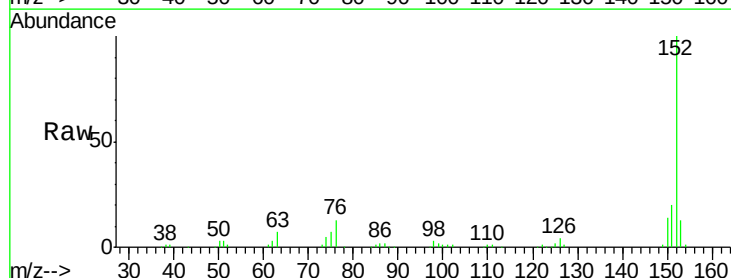
Instrument :
 BNA_F
 ClientSampleId :
 PB84363BSD

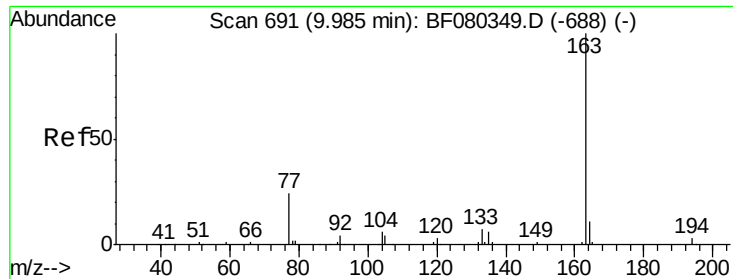
Tgt Ion: 65 Resp: 49905
 Ion Ratio Lower Upper
 65 100
 92 63.7 54.2 81.2
 138 95.6 76.1 114.1



#48
 Acenaphthylene
 Concen: 35.15 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Tgt Ion: 152 Resp: 258377
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.3 24.5
 153 13.4 11.0 16.4

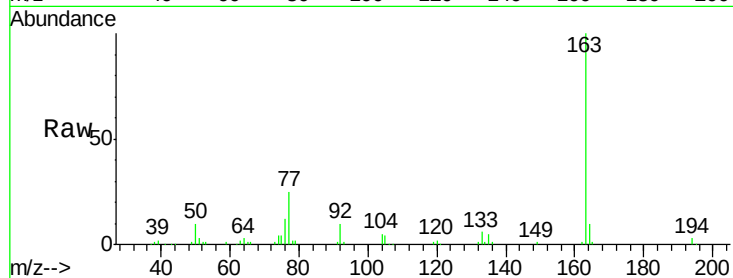




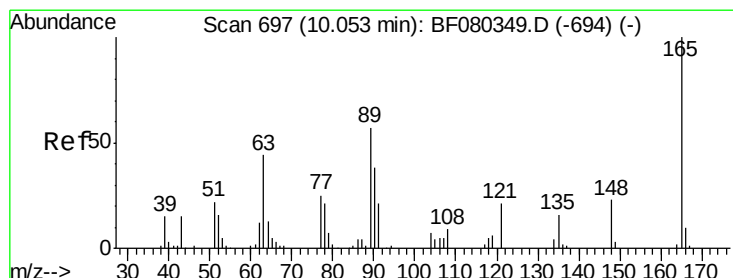
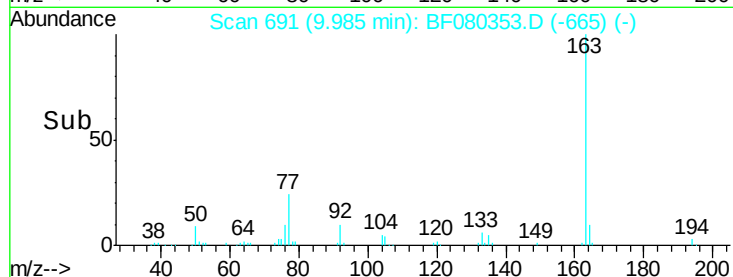
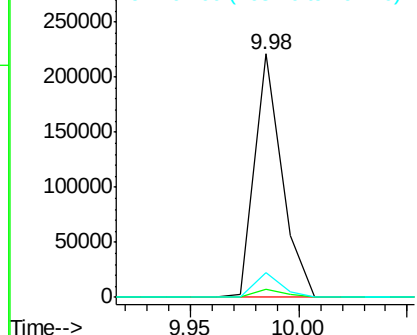
#49
Dimethylphthalate
Concen: 36.61 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

Instrument :
BNA_F
ClientSampleId :
PB84363BSD

Tgt Ion:163 Resp: 191810
Ion Ratio Lower Upper
163 100
194 3.1 2.6 3.8
164 10.1 8.5 12.7

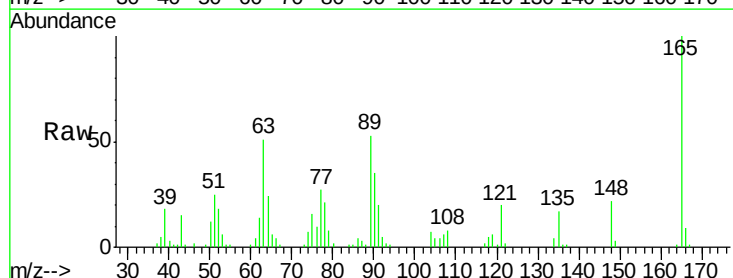


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

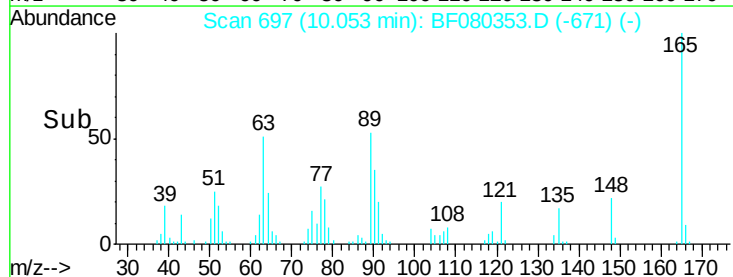
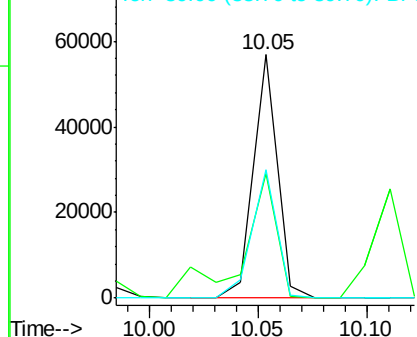


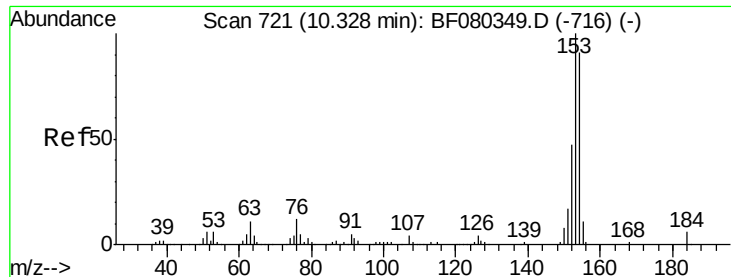
#50
2,6-Dinitrotoluene
Concen: 39.64 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

Tgt Ion:165 Resp: 43419
Ion Ratio Lower Upper
165 100
63 51.2 44.8 67.2
89 53.0 45.9 68.9



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: 38.47 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD

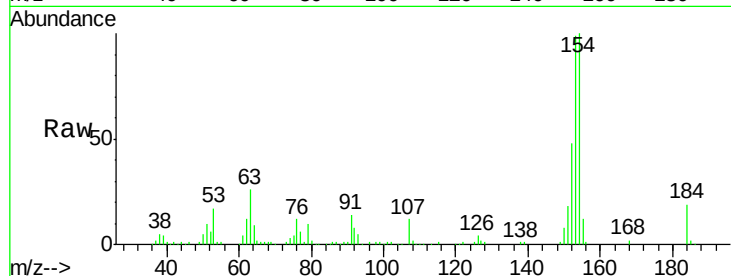
Tgt Ion:154 Resp: 169256

Ion Ratio Lower Upper

154 100

153 98.8 88.1 132.1

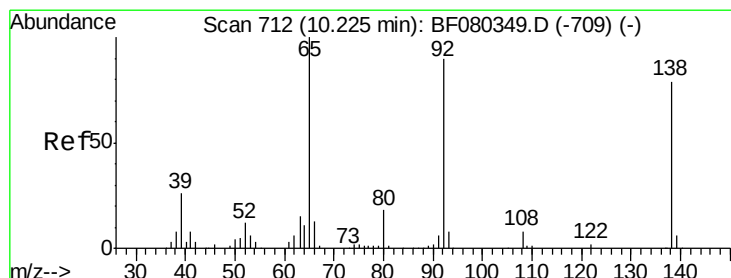
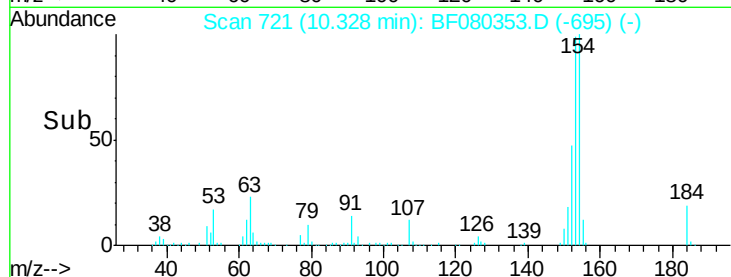
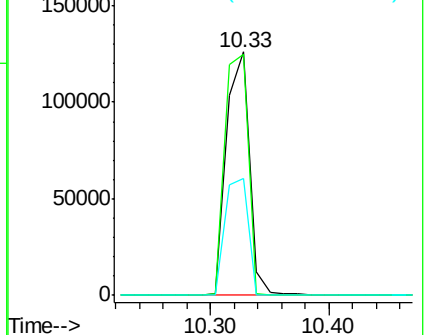
152 48.0 41.8 62.6



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: 26.47 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

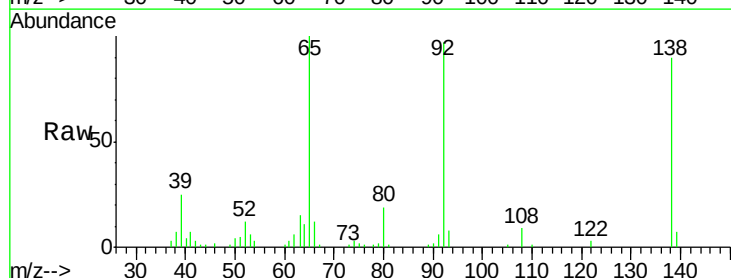
Tgt Ion:138 Resp: 32673

Ion Ratio Lower Upper

138 100

108 9.8 7.8 11.8

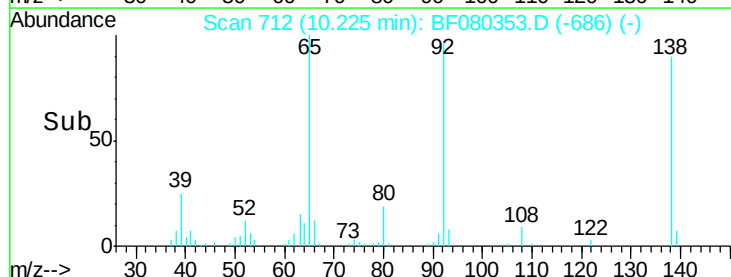
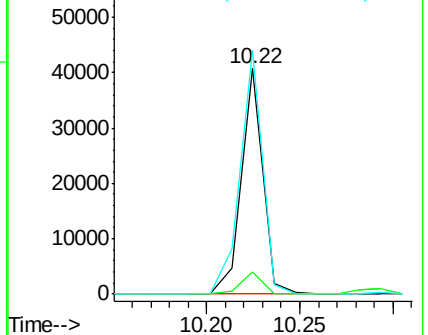
92 108.1 91.0 136.6

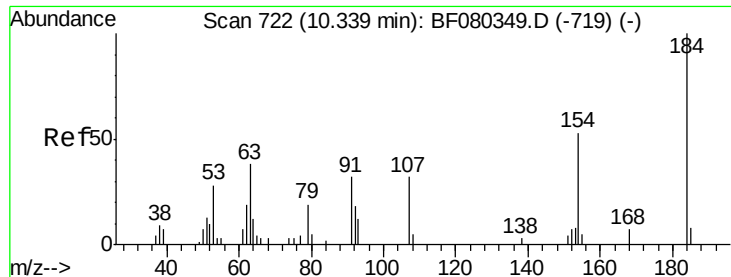


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

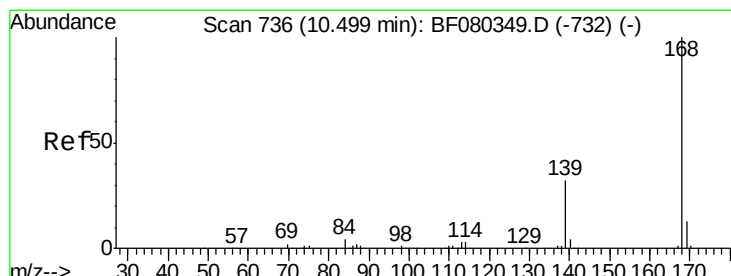
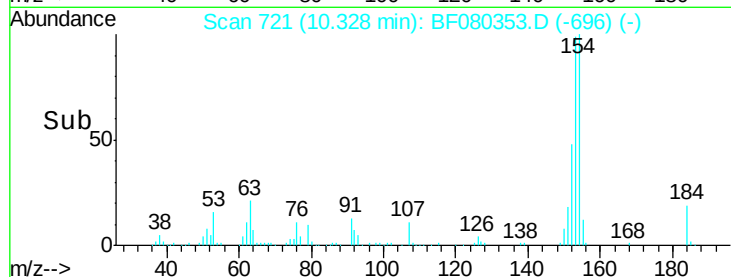
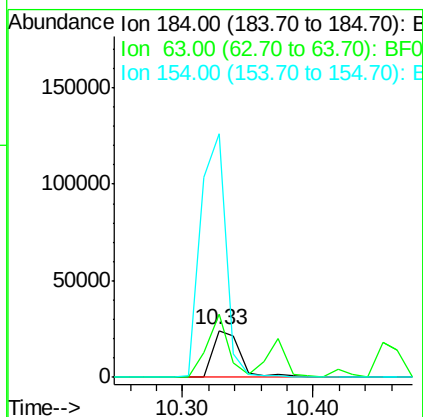
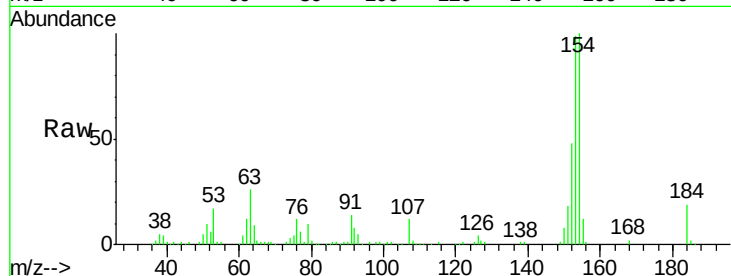




#53
 2,4-Dinitrophenol
 Concen: 74.42 ng
 RT: 10.33 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

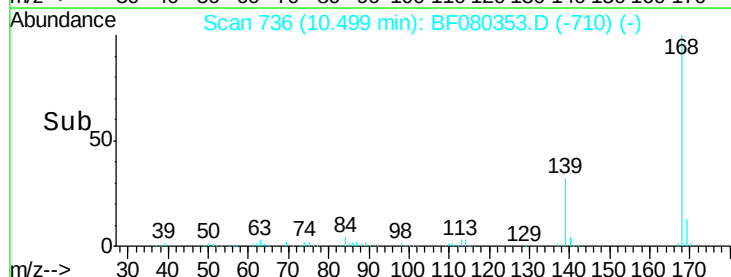
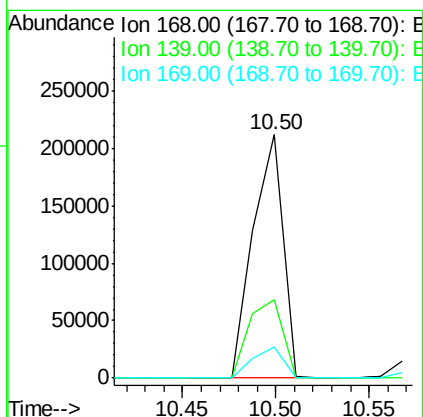
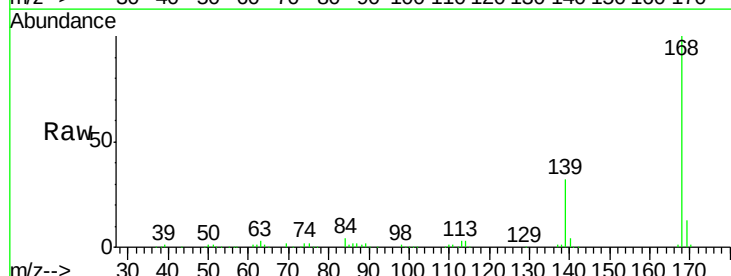
Instrument :
 BNA_F
 ClientSampleId :
 PB84363BSD

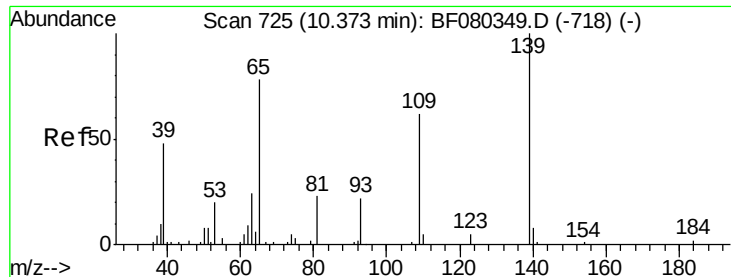
Tgt Ion:184 Resp: 35183
 Ion Ratio Lower Upper
 184 100
 63 134.5 30.6 46.0#
 154 523.5 45.3 67.9#



#54
 Dibenzofuran
 Concen: 37.58 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Tgt Ion:168 Resp: 235072
 Ion Ratio Lower Upper
 168 100
 139 32.4 25.9 38.9
 169 12.7 10.3 15.5

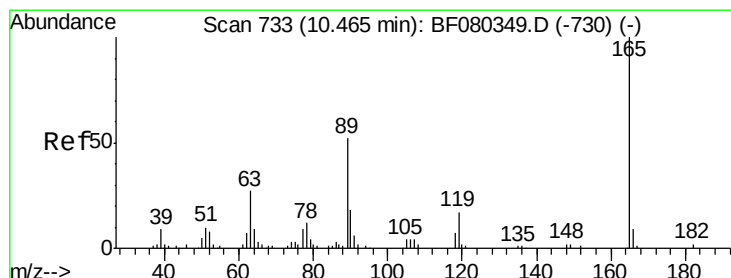
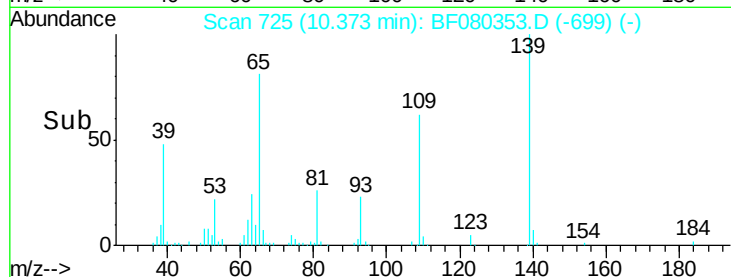
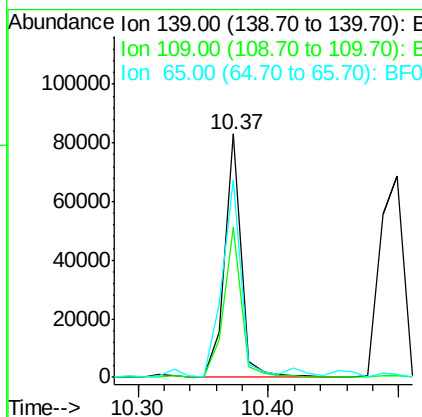
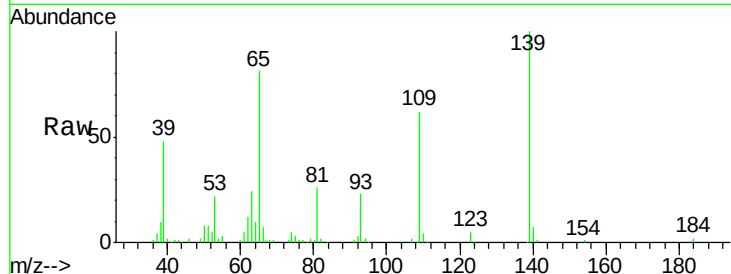




#55
4-Nitrophenol
Concen: 82.17 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

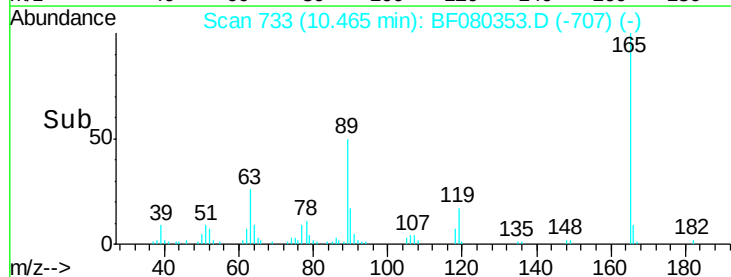
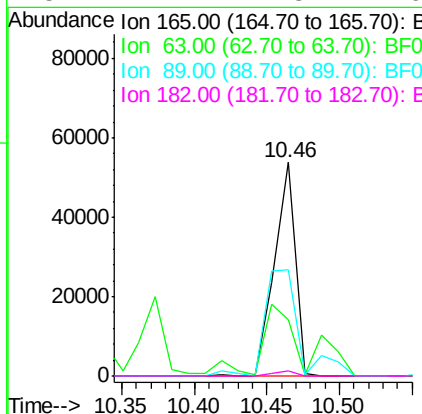
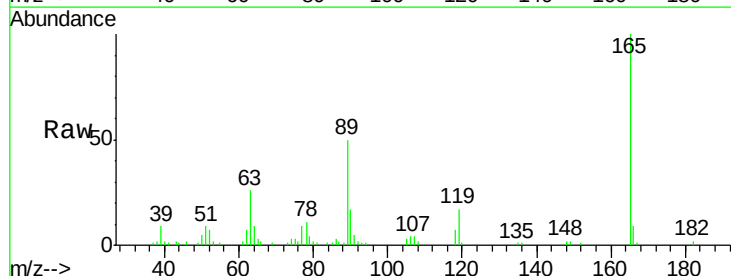
Instrument :
BNA_F
ClientSampleId :
PB84363BSD

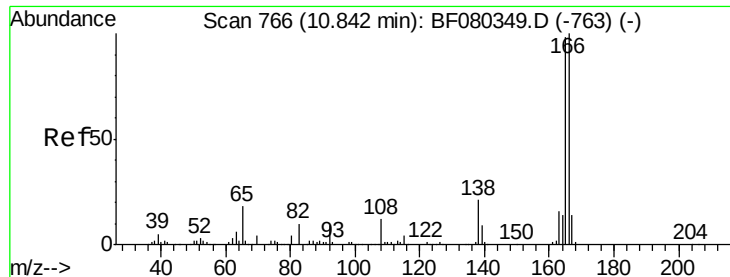
Tgt Ion:139 Resp: 74326
Ion Ratio Lower Upper
139 100
109 61.8 42.3 82.3
65 80.9 58.5 98.5



#56
2,4-Dinitrotoluene
Concen: 38.19 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

Tgt Ion:165 Resp: 53786
Ion Ratio Lower Upper
165 100
63 26.1 21.8 32.8
89 49.6 41.3 61.9
182 2.4 1.8 2.6





#57

Fluorene

Concen: 37.99 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD

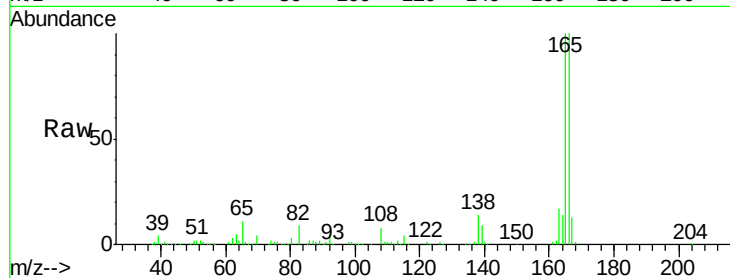
Tgt Ion:166 Resp: 204668

Ion Ratio Lower Upper

166 100

165 99.8 78.6 117.8

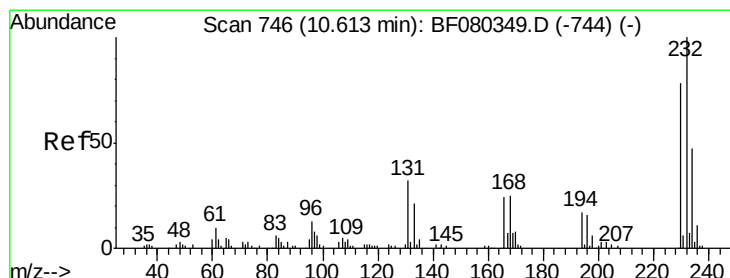
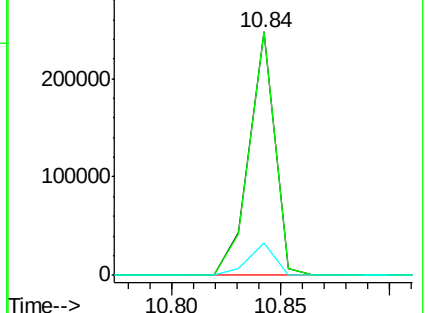
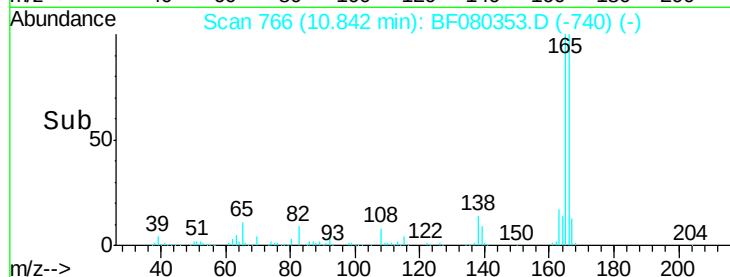
167 13.3 10.8 16.2



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: 38.51 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Tgt Ion:232 Resp: 48976

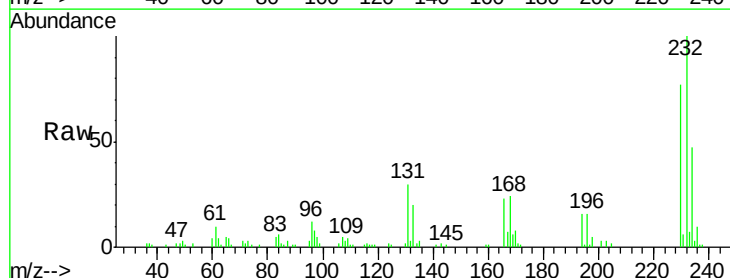
Ion Ratio Lower Upper

232 100

131 41.6 33.4 50.2

130 2.0 1.8 2.6

166 27.4 22.1 33.1

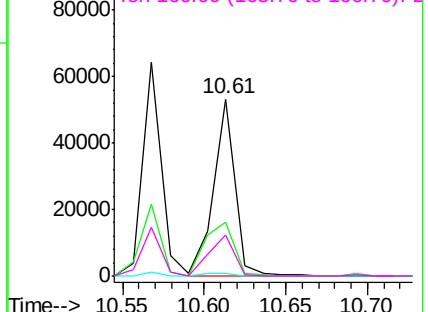
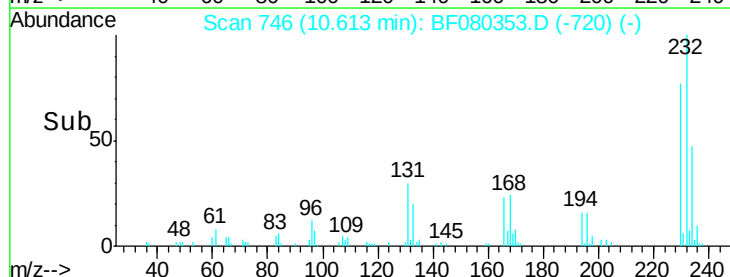


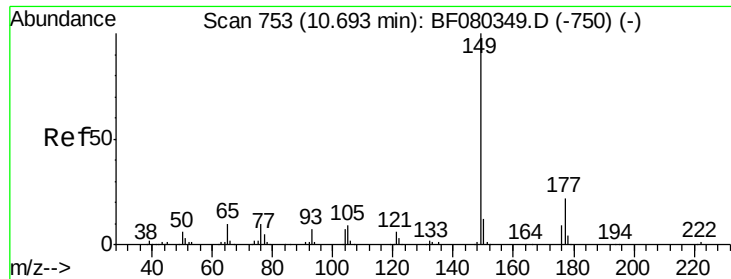
Abundance Ion 232.00 (231.70 to 232.70): E

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

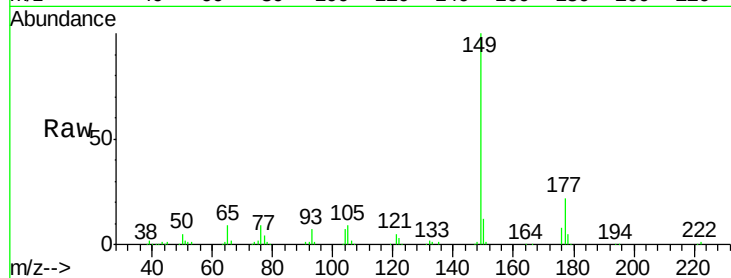




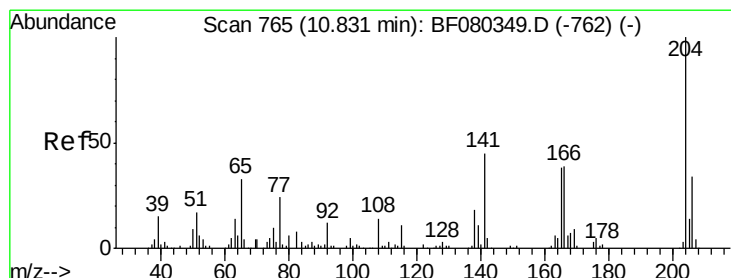
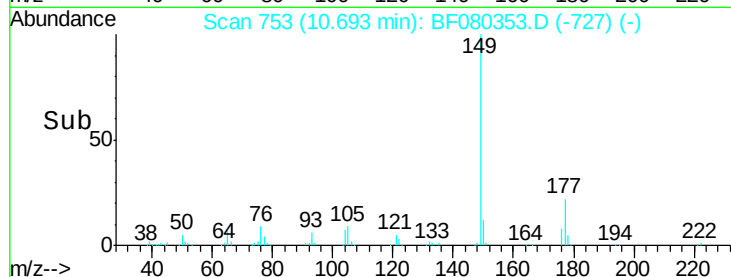
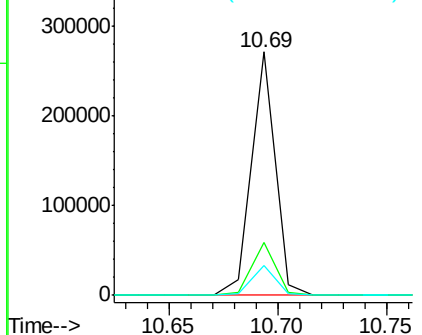
#59
Diethylphthalate
Concen: 39.47 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

Instrument :
BNA_F
ClientSampleId :
PB84363BSD

Tgt Ion:149 Resp: 206563
Ion Ratio Lower Upper
149 100
177 21.8 17.6 26.4
150 12.1 10.0 15.0

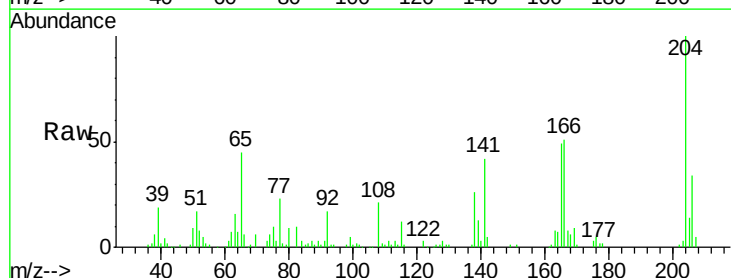


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

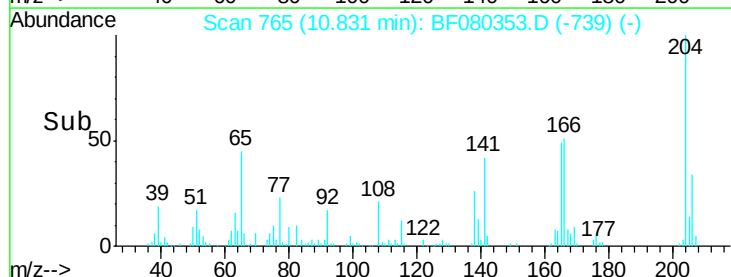
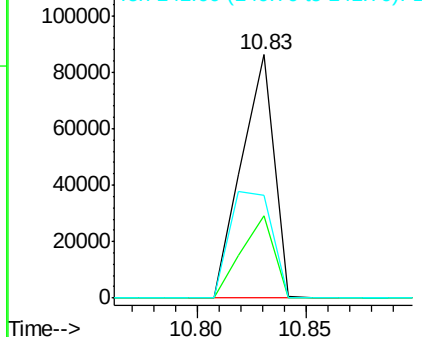


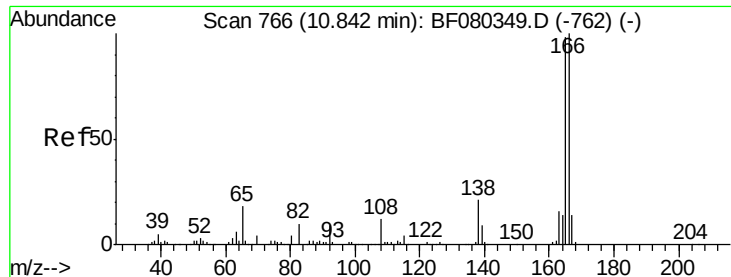
#60
4-Chlorophenyl-phenylether
Concen: 37.58 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

Tgt Ion:204 Resp: 89580
Ion Ratio Lower Upper
204 100
206 33.6 27.2 40.8
141 42.4 35.9 53.9



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: 34.32 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD

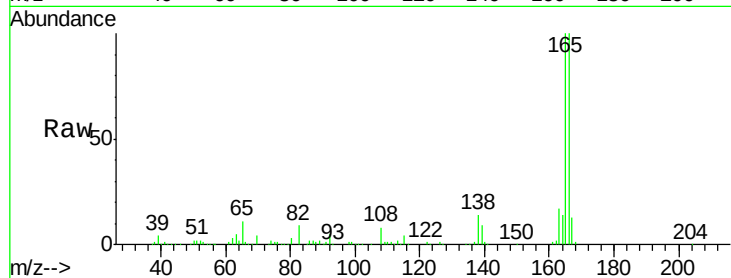
Tgt Ion:138 Resp: 41112

Ion Ratio Lower Upper

138 100

92 38.2 21.0 61.0

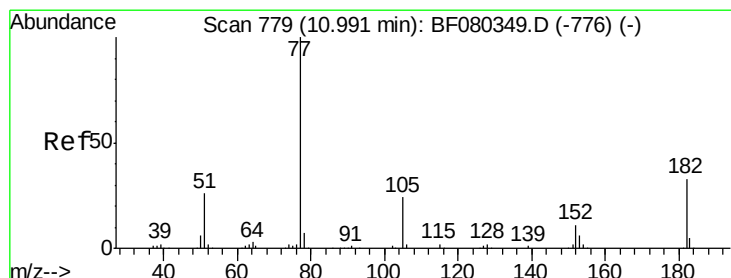
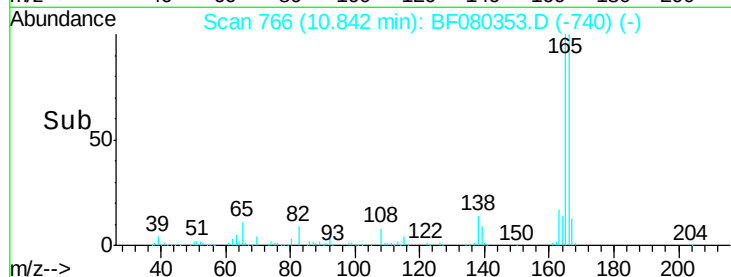
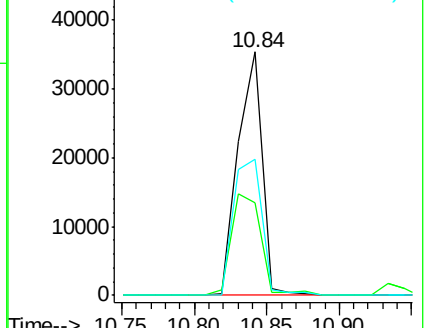
108 55.7 38.4 78.4



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: 36.82 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Tgt Ion: 77 Resp: 183016

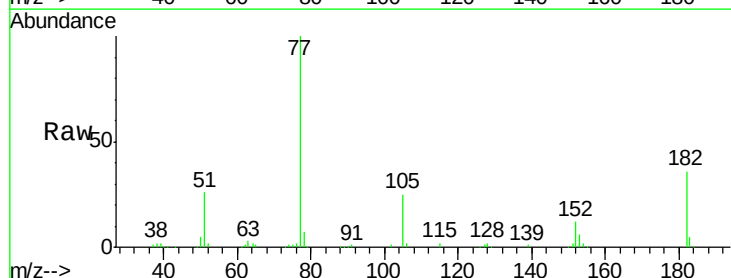
Ion Ratio Lower Upper

77 100

182 36.3 13.2 53.2

105 25.0 4.3 44.3

51 25.7 6.3 46.3

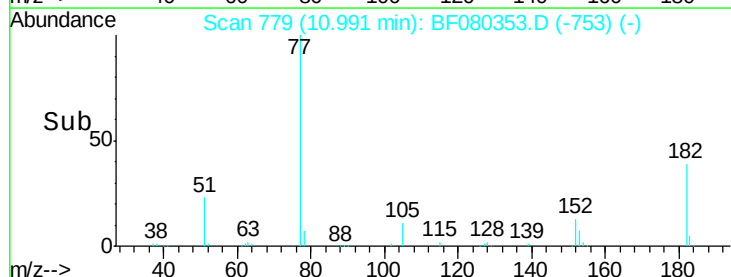
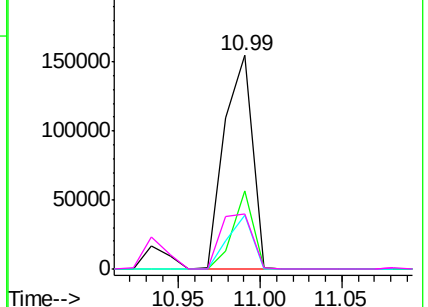


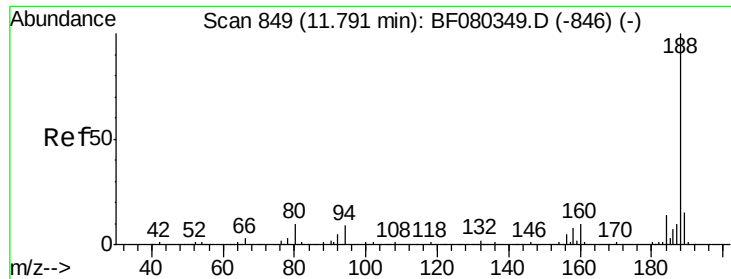
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

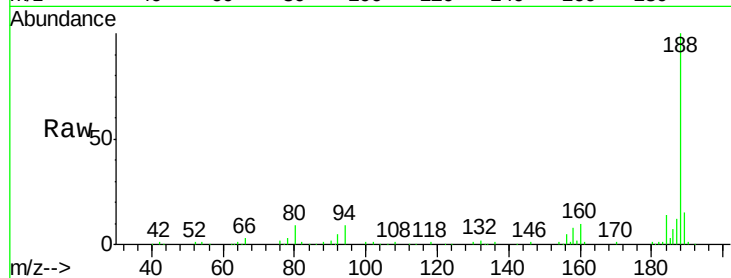




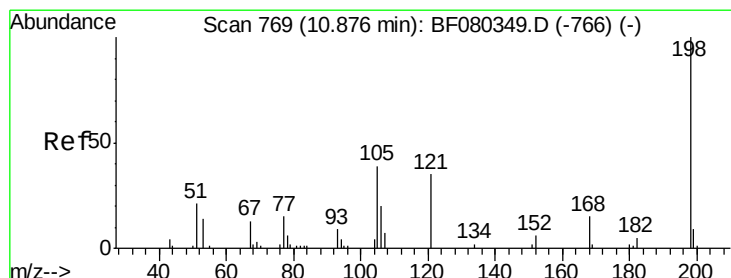
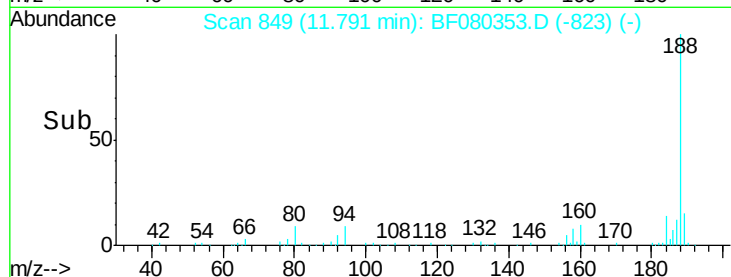
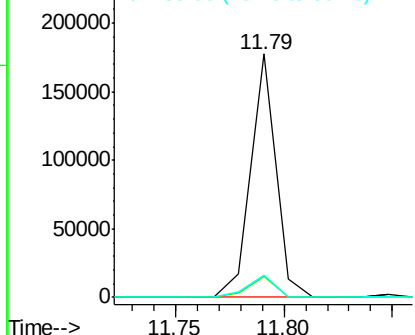
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.79 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BSD

Tgt Ion:188 Resp: 142780
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.5 11.3
 80 9.2 8.3 12.5

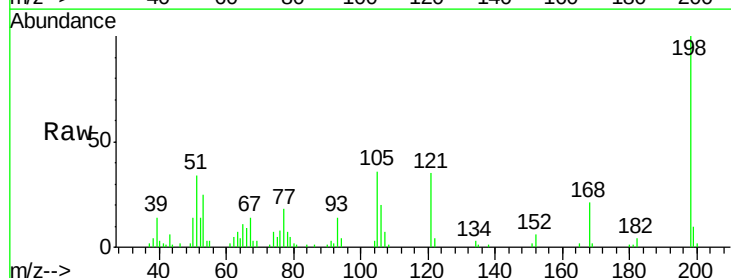


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

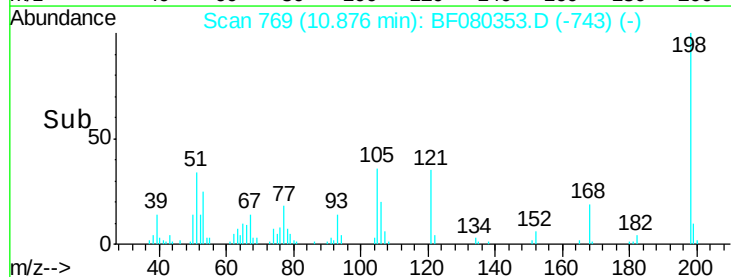
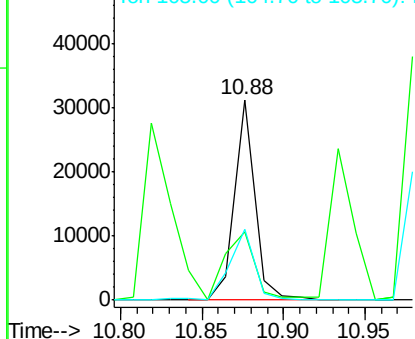


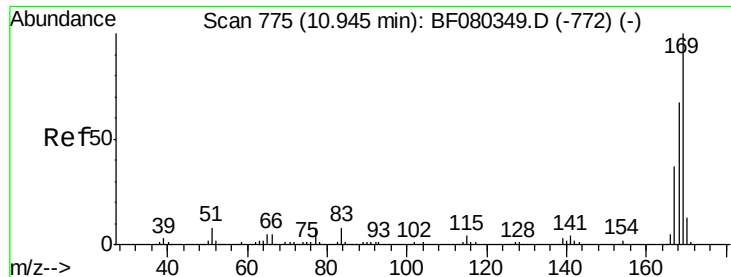
#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.06 ng
 RT: 10.88 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Tgt Ion:198 Resp: 26873
 Ion Ratio Lower Upper
 198 100
 51 34.3 17.0 57.0
 105 35.6 20.9 60.9



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 34.95 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD

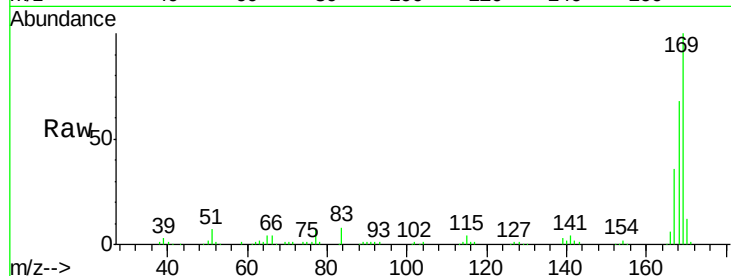
Tgt Ion:169 Resp: 158952

Ion Ratio Lower Upper

169 100

168 68.2 53.5 80.3

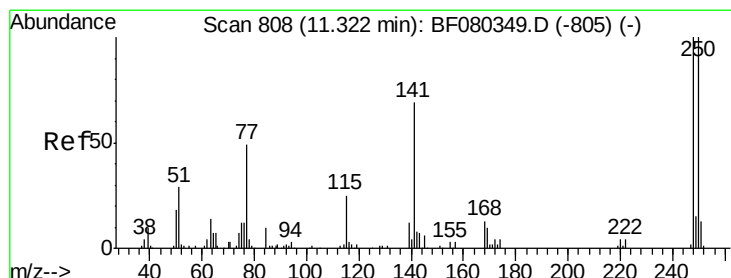
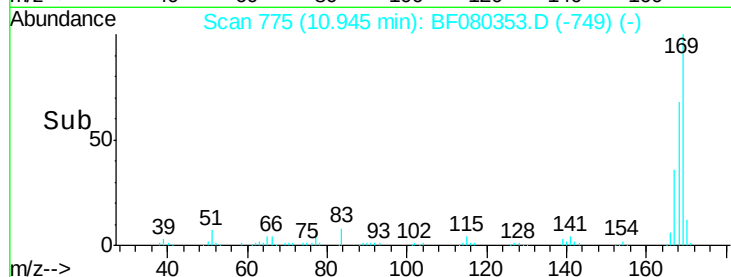
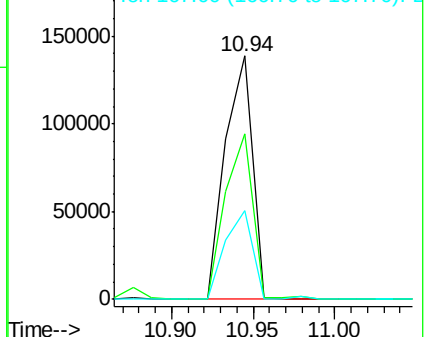
167 36.3 29.5 44.3



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: 38.06 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

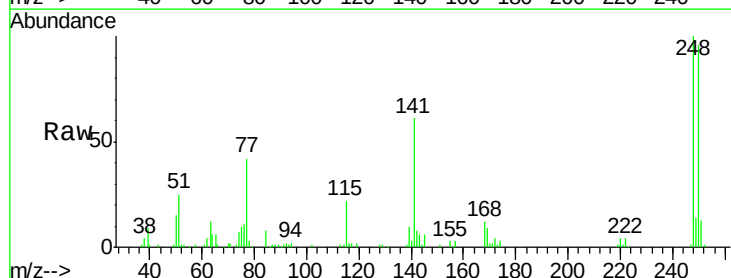
Tgt Ion:248 Resp: 62259

Ion Ratio Lower Upper

248 100

250 95.8 80.0 120.0

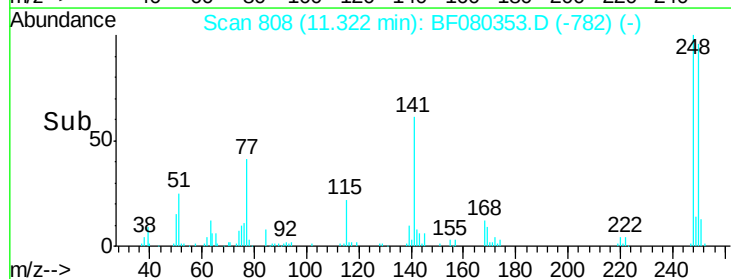
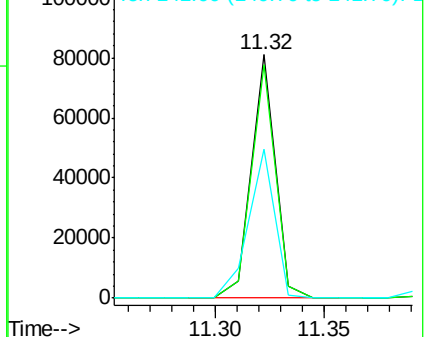
141 61.1 54.8 82.2

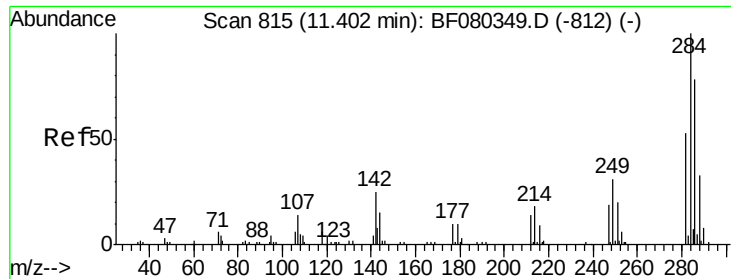


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 35.89 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD

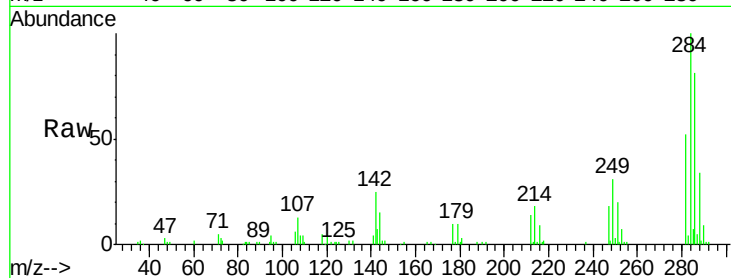
Tgt Ion:284 Resp: 61571

Ion Ratio Lower Upper

284 100

142 24.8 20.3 30.5

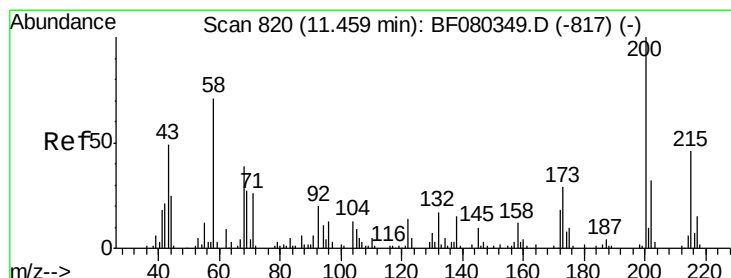
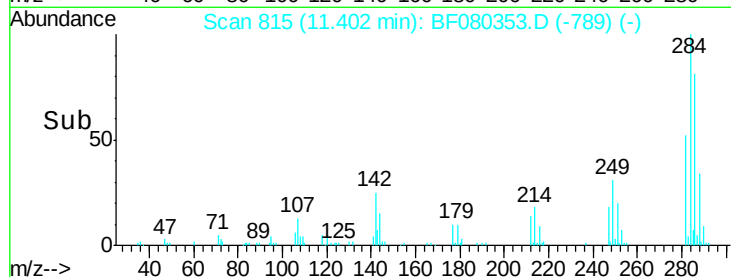
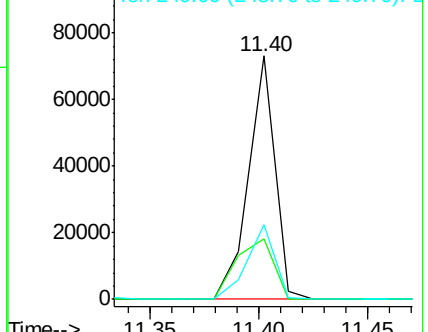
249 30.9 24.7 37.1



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: 40.51 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

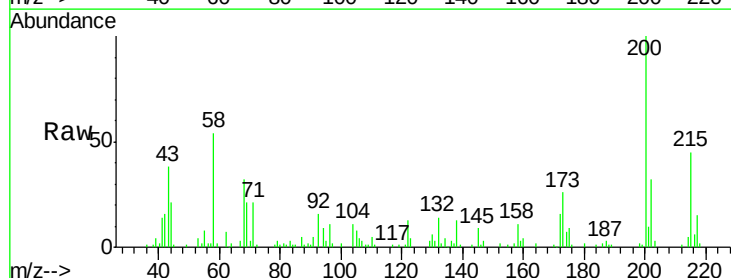
Tgt Ion:200 Resp: 54847

Ion Ratio Lower Upper

200 100

173 26.4 9.9 49.9

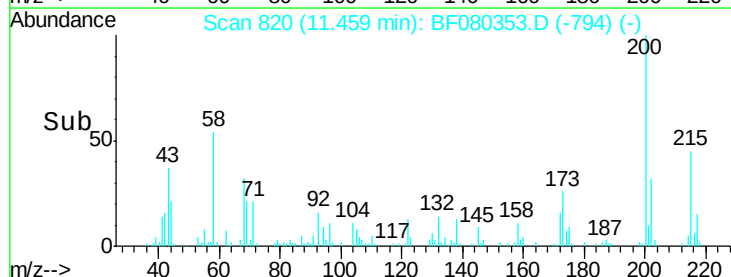
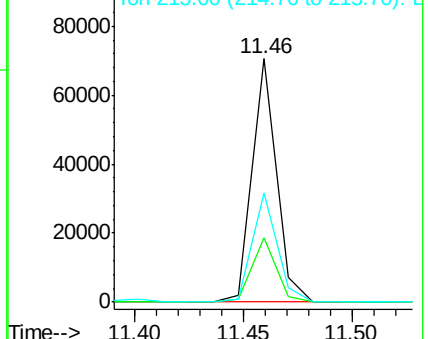
215 44.9 26.2 66.2

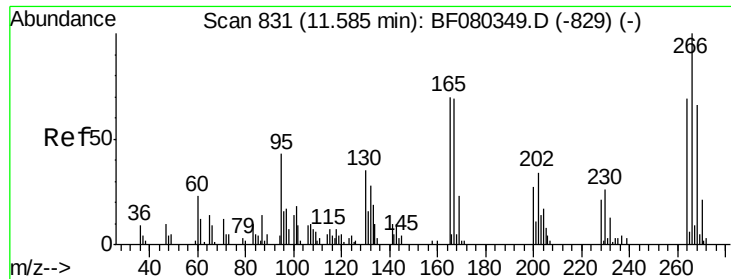


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

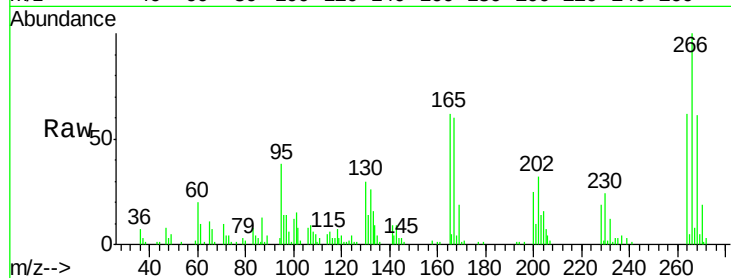




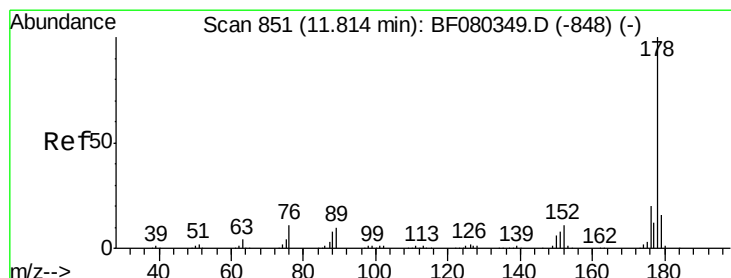
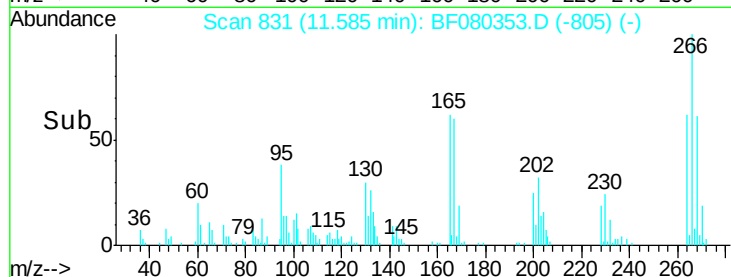
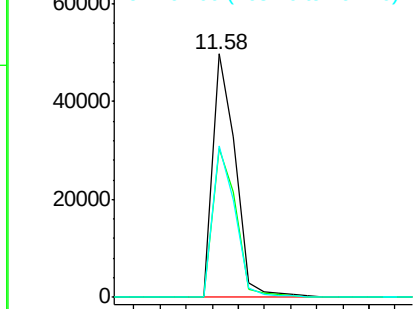
#69
 Pentachlorophenol
 Concen: 71.52 ng
 RT: 11.58 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BSD

Tgt Ion:266 Resp: 60678
 Ion Ratio Lower Upper
 266 100
 268 61.4 52.7 79.1
 264 62.3 55.0 82.6

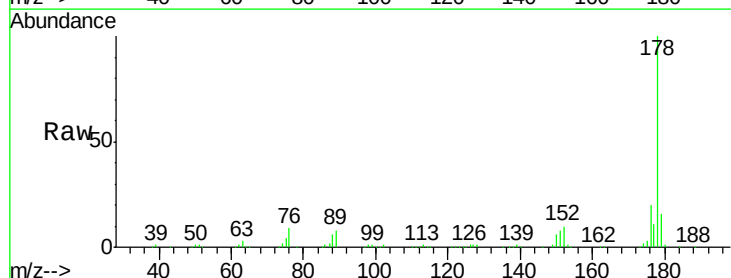


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

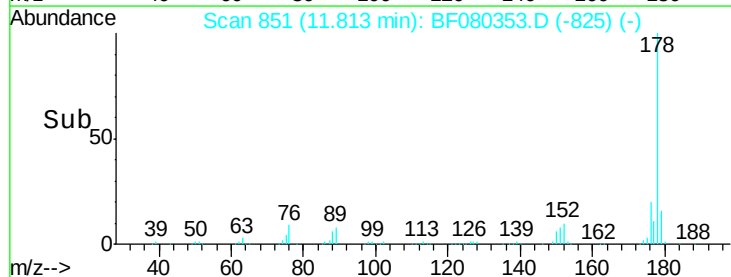
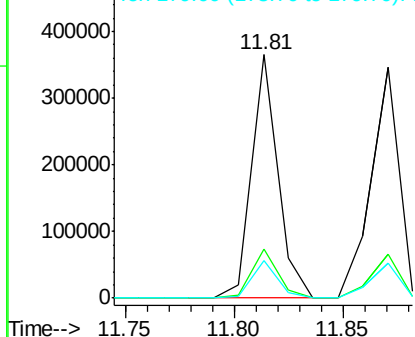


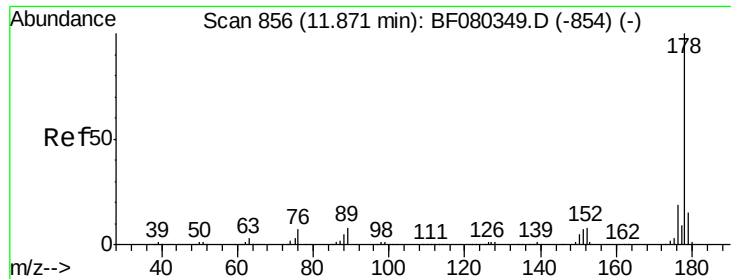
#70
 Phenanthrene
 Concen: 35.74 ng
 RT: 11.81 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Tgt Ion:178 Resp: 306088
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.1 24.1
 179 15.6 12.6 18.8



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

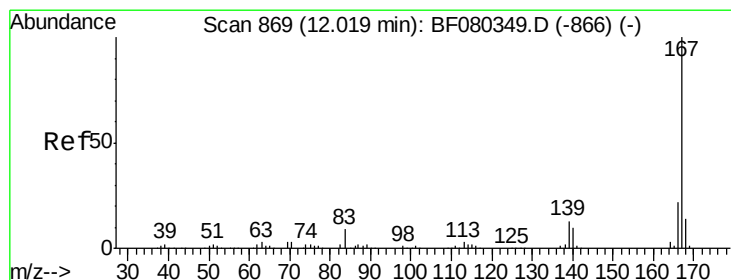
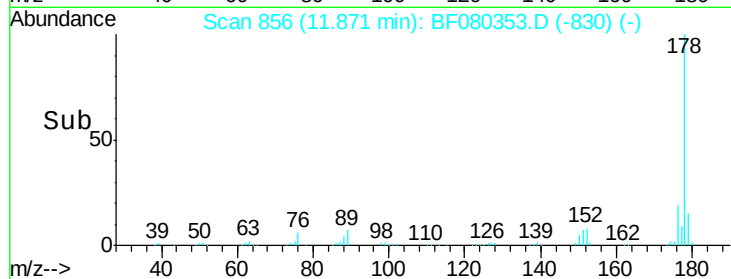
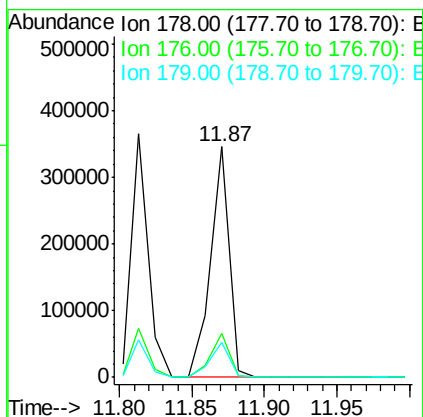
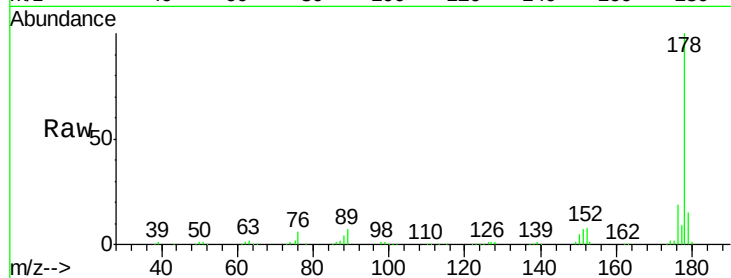




#71
 Anthracene
 Concen: 36.96 ng
 RT: 11.87 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

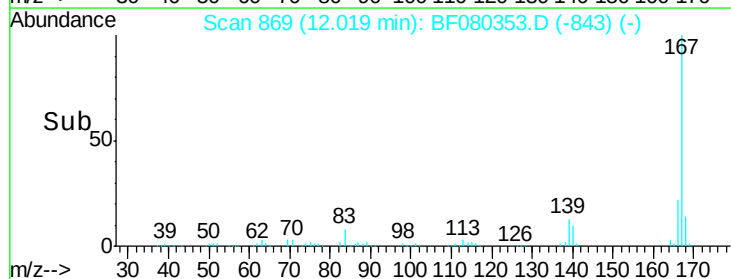
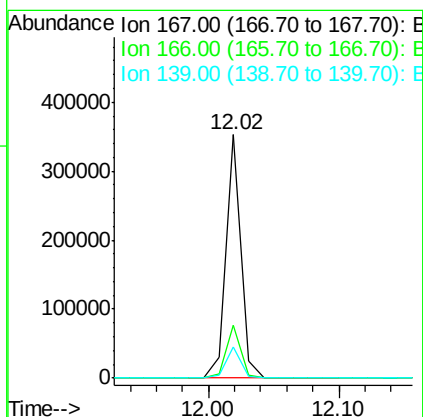
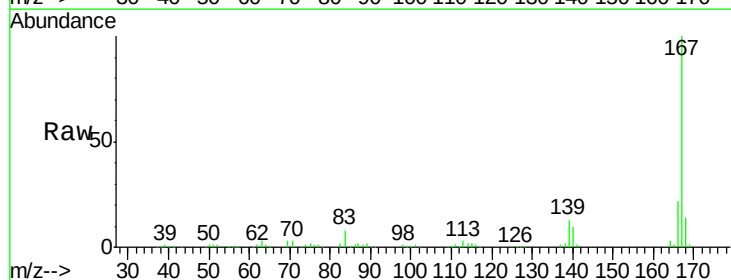
Instrument :
 BNA_F
 ClientSampleId :
 PB84363BSD

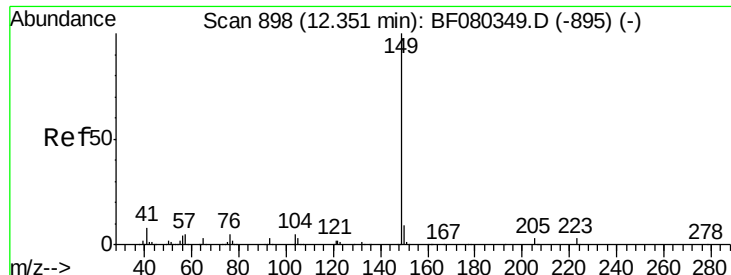
Tgt Ion:178 Resp: 310354
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.3 22.9
 179 15.3 12.3 18.5



#72
 Carbazole
 Concen: 35.95 ng
 RT: 12.02 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Tgt Ion:167 Resp: 281568
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.8 26.6
 139 12.7 10.4 15.6





#73

Di-n-butylphthalate

Concen: 37.89 ng

RT: 12.35 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD

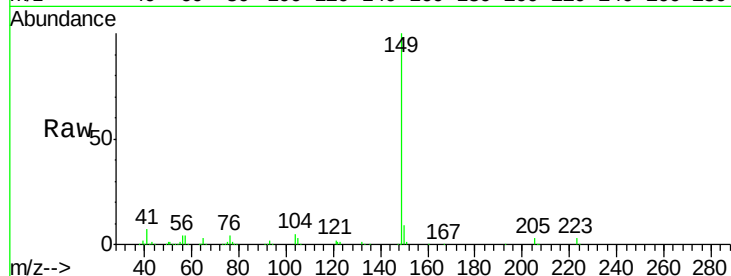
Tgt Ion:149 Resp: 339420

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

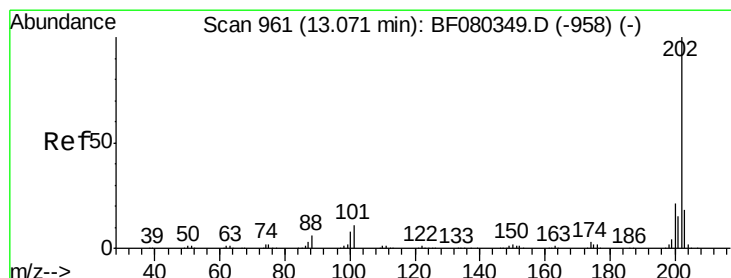
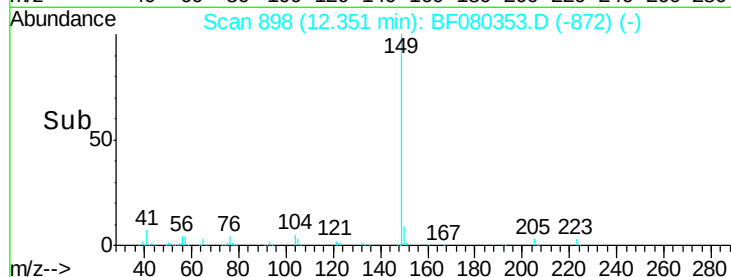
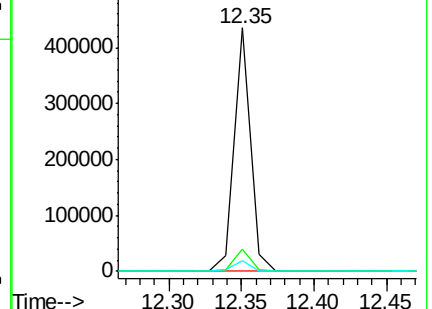
104 4.6 3.9 5.9



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: 35.70 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

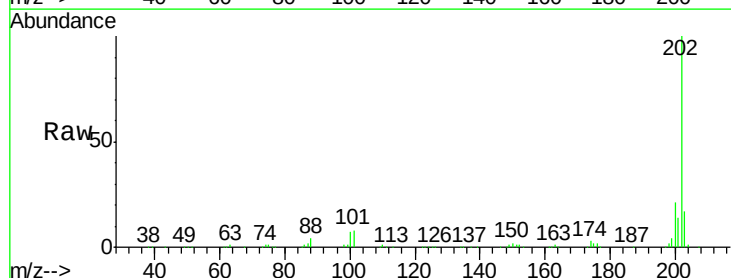
Tgt Ion:202 Resp: 328478

Ion Ratio Lower Upper

202 100

101 8.3 0.0 31.0

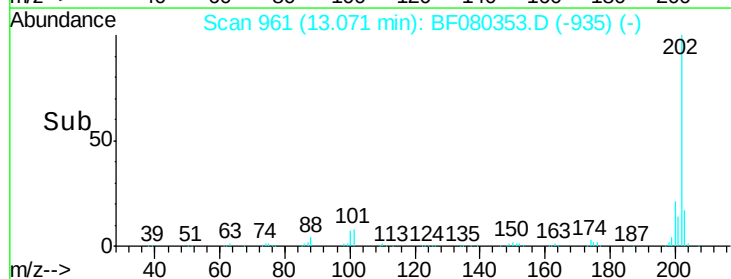
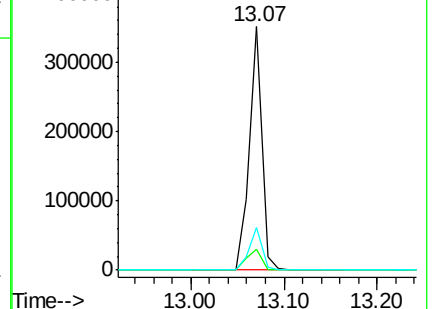
203 17.3 0.0 37.6

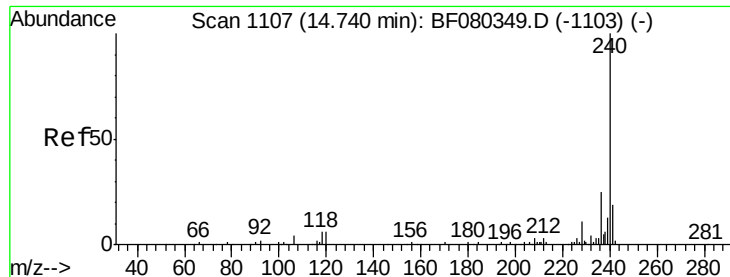


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.74 min Scan# 1107

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD

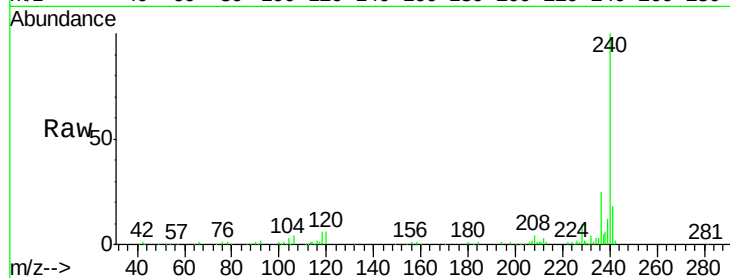
Tgt Ion:240 Resp: 145164

Ion Ratio Lower Upper

240 100

120 6.4 5.1 7.7

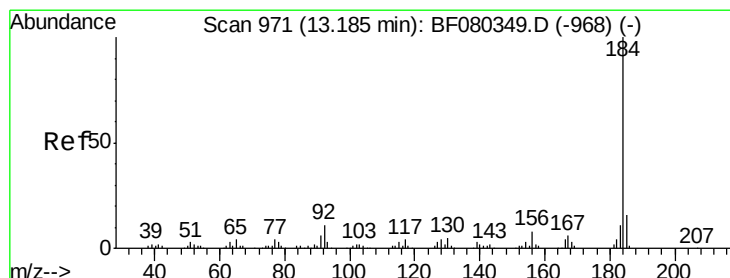
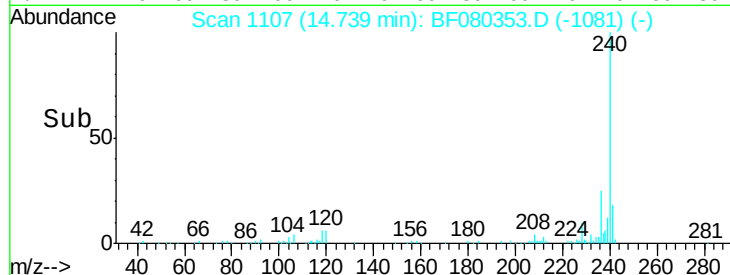
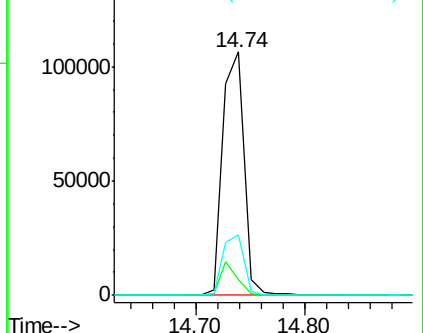
236 24.8 20.4 30.6



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: 36.07 ng

RT: 13.19 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

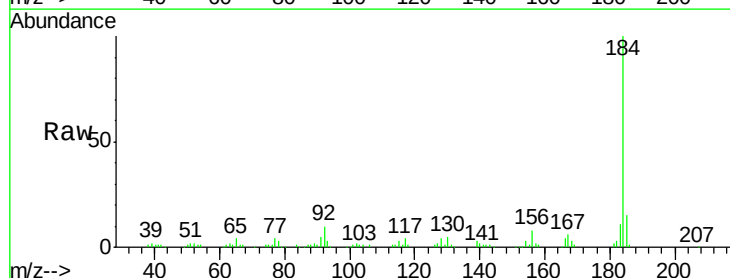
Tgt Ion:184 Resp: 132799

Ion Ratio Lower Upper

184 100

185 14.9 12.6 19.0

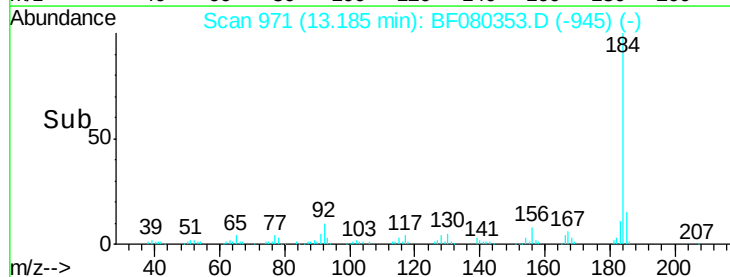
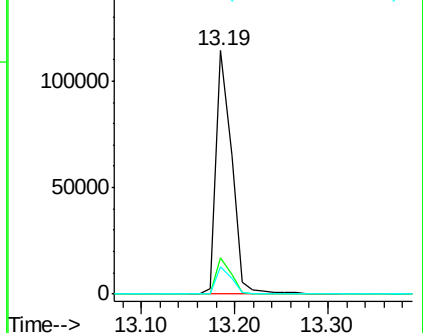
183 11.2 9.2 13.8

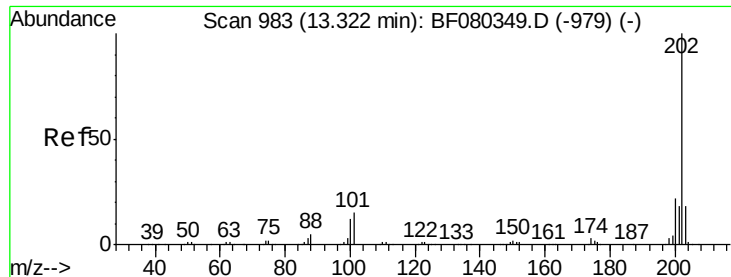


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

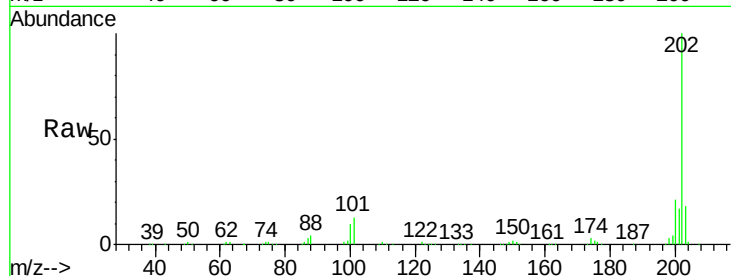




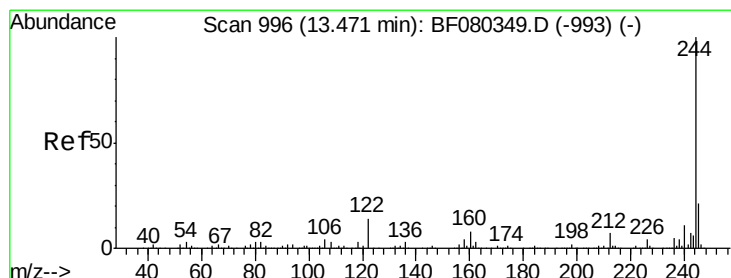
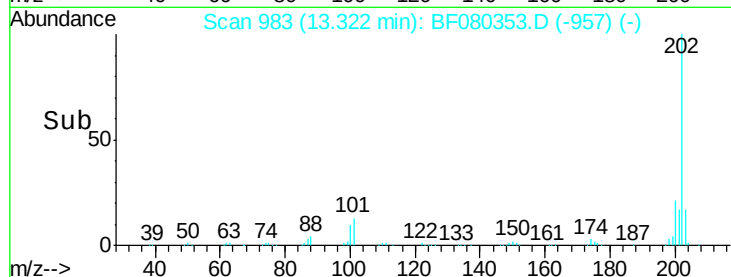
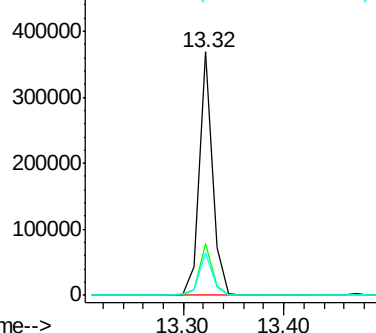
#77
 Pyrene
 Concen: 38.35 ng
 RT: 13.32 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84363BSD

Tgt Ion: 202 Resp: 336736
 Ion Ratio Lower Upper
 202 100
 200 21.1 17.2 25.8
 203 17.6 14.3 21.5

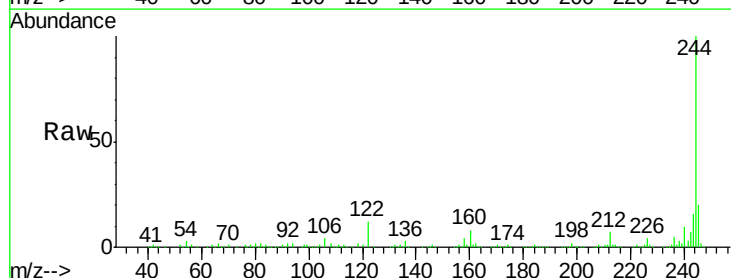


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

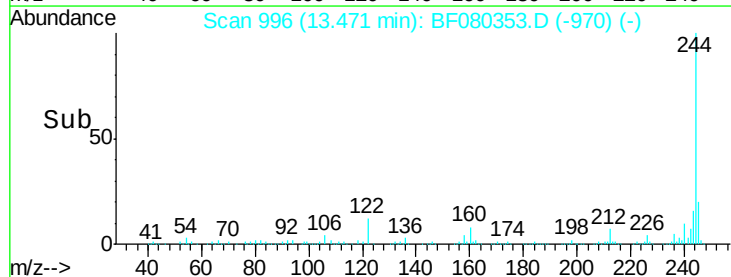
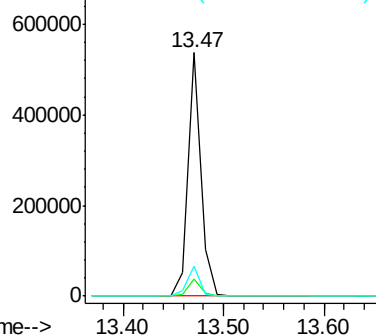


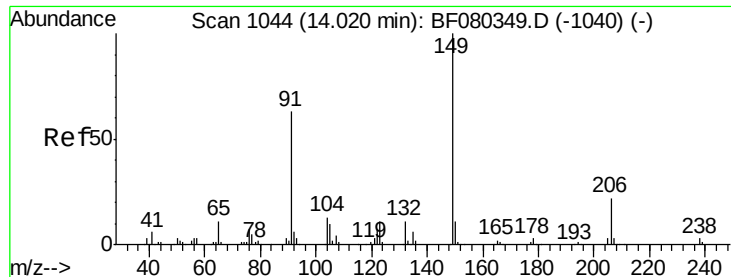
#78
 Terphenyl-d14
 Concen: 76.93 ng
 RT: 13.47 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Tgt Ion: 244 Resp: 478767
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 12.1 11.1 16.7



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

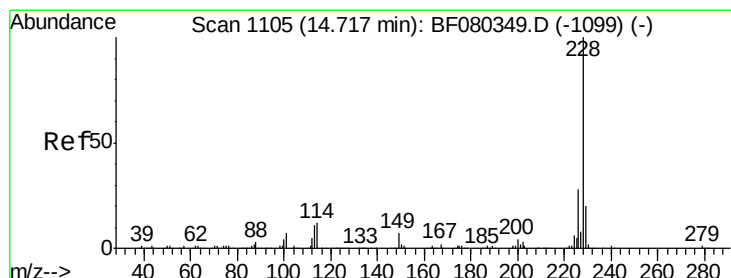
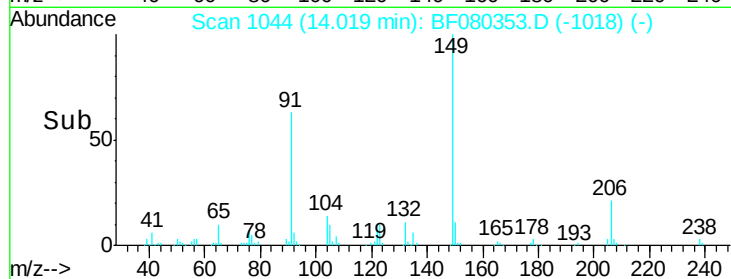
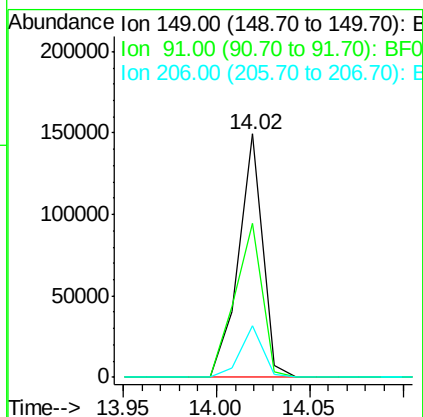
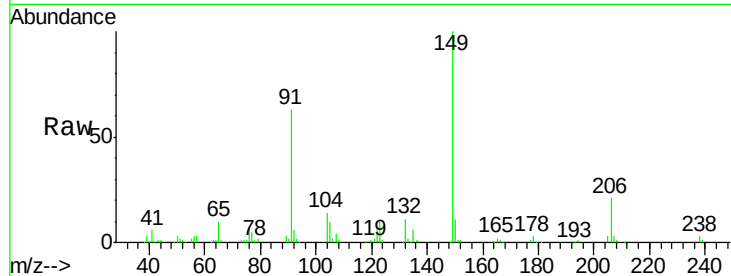




#79
Butylbenzylphthalate
Concen: 38.65 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

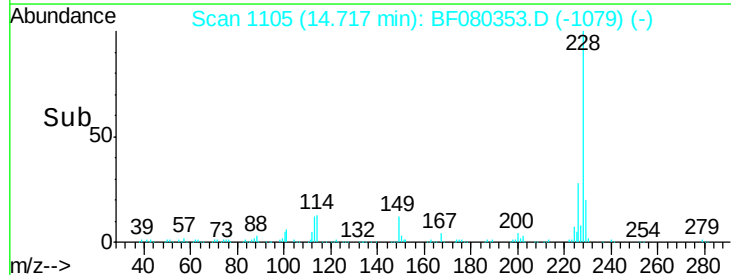
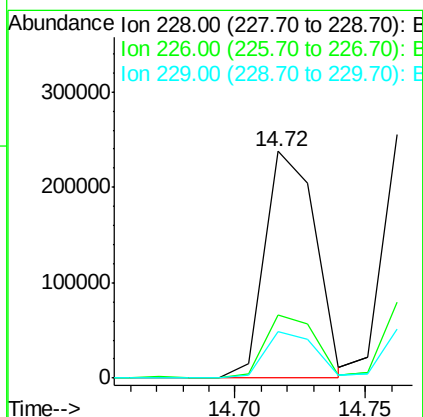
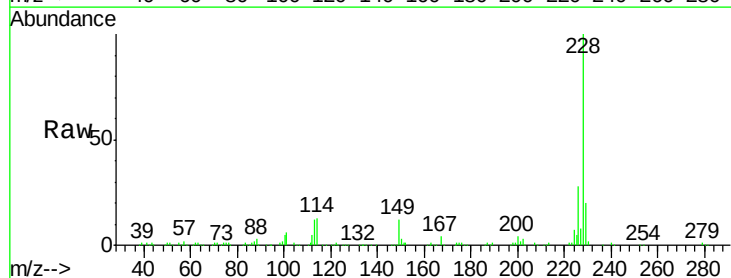
Instrument :
BNA_F
ClientSampleId :
PB84363BSD

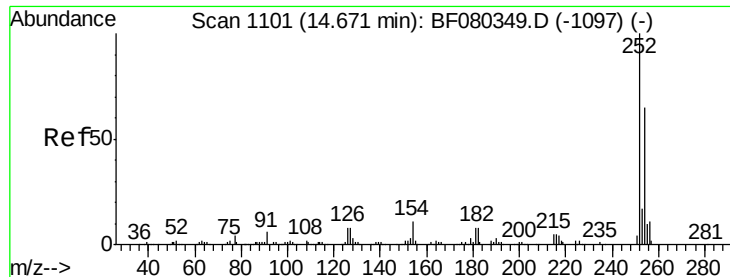
Tgt Ion:149 Resp: 135430
Ion Ratio Lower Upper
149 100
91 63.4 50.8 76.2
206 21.2 17.6 26.4



#80
Benzo(a)anthracene
Concen: 36.65 ng
RT: 14.72 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

Tgt Ion:228 Resp: 320643
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 20.3 16.0 24.0

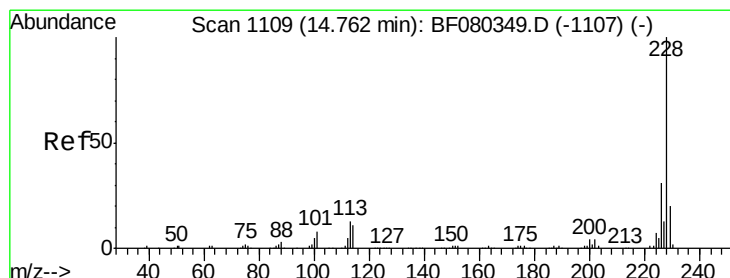
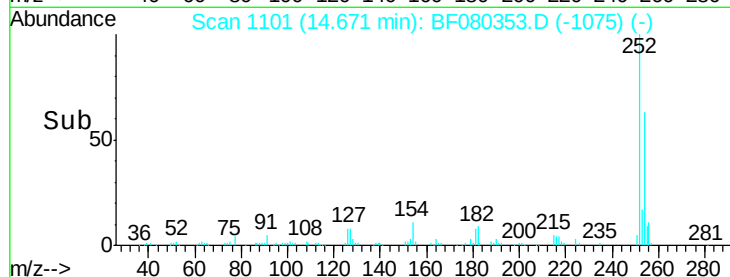
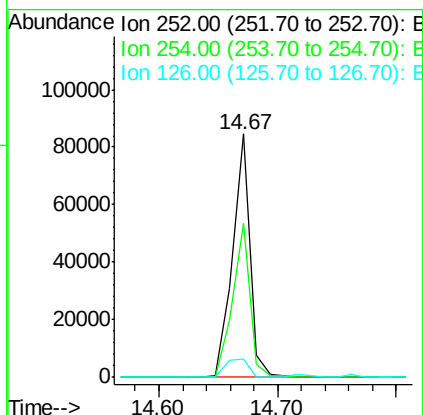
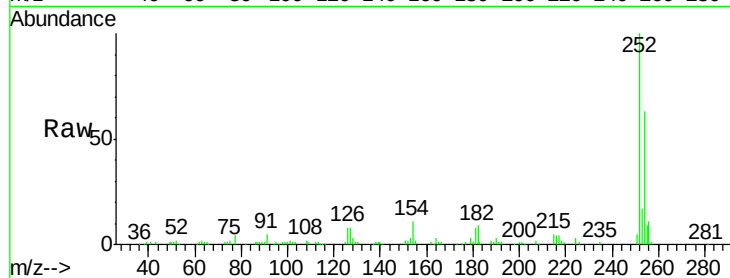




#81
 3,3'-Dichlorobenzidine
 Concen: 29.74 ng
 RT: 14.67 min Scan# 1101
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

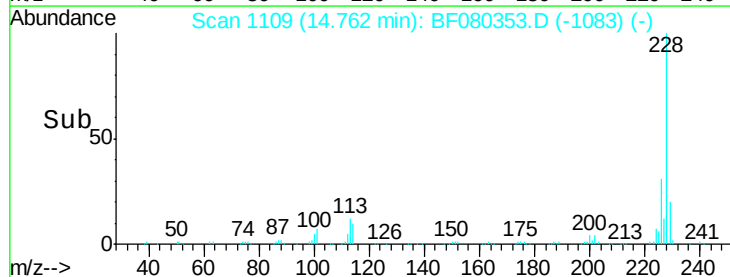
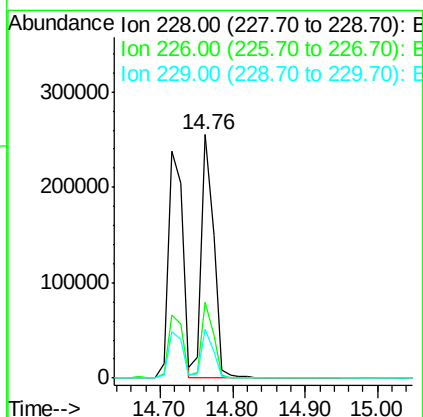
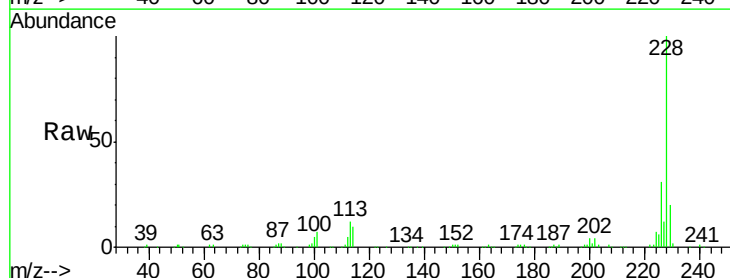
Instrument :
 BNA_F
 ClientSampleId :
 PB84363BSD

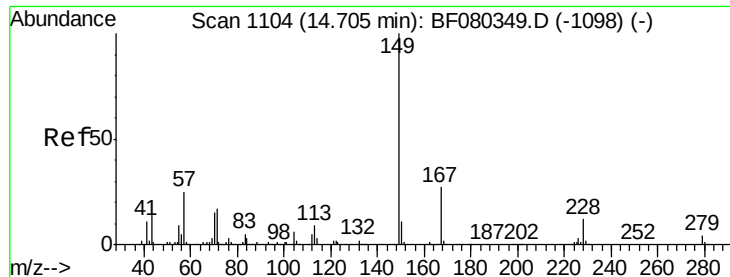
Tgt Ion:252 Resp: 86262
 Ion Ratio Lower Upper
 252 100
 254 63.4 51.7 77.5
 126 7.5 6.3 9.5



#82
 Chrysene
 Concen: 37.41 ng
 RT: 14.76 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Tgt Ion:228 Resp: 306220
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.0 37.4
 229 19.9 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.75 ng

RT: 14.71 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD

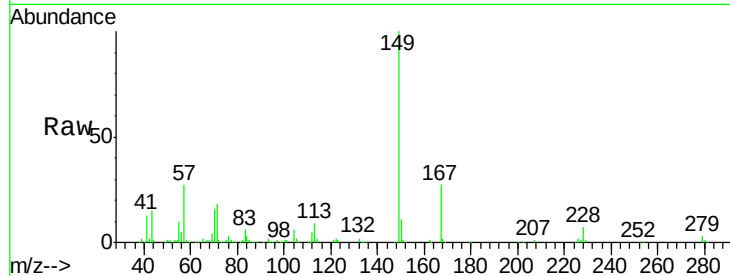
Tgt Ion:149 Resp: 212294

Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

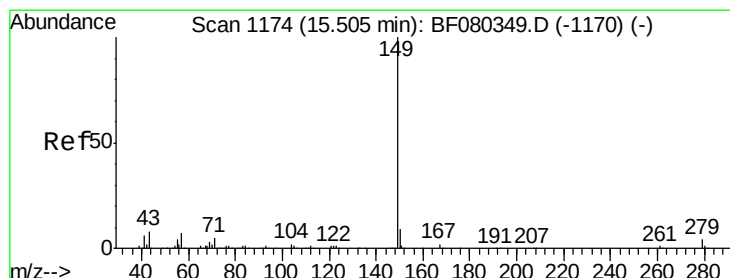
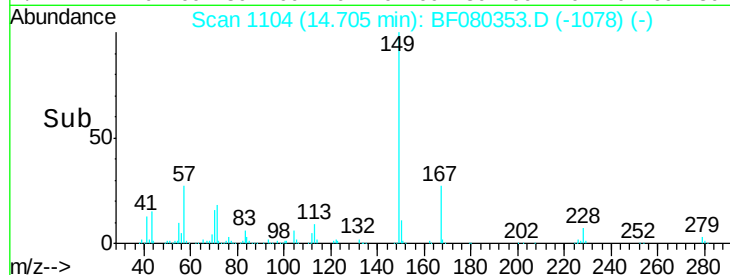
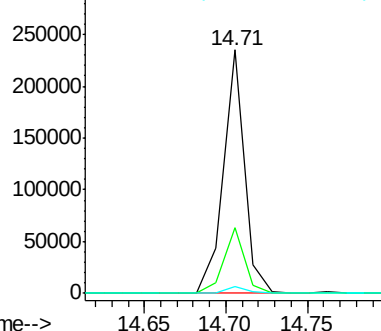
279 3.0 2.9 4.3



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: 38.59 ng

RT: 15.51 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

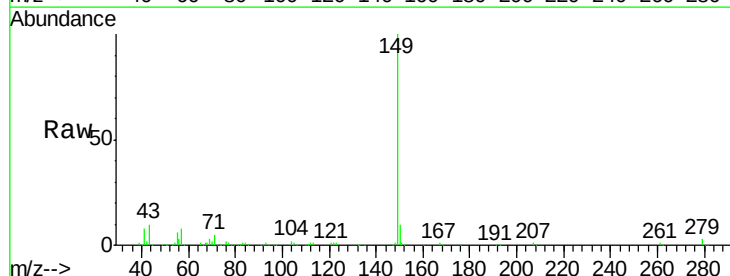
Tgt Ion:149 Resp: 340479

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

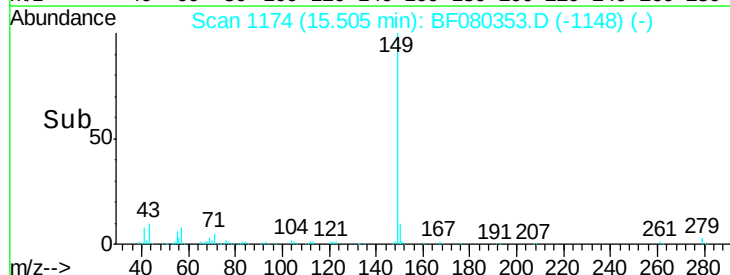
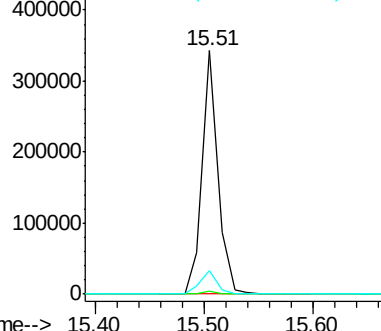
43 10.6 9.1 13.7

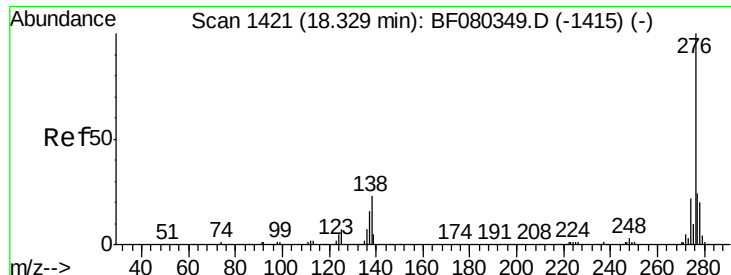


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

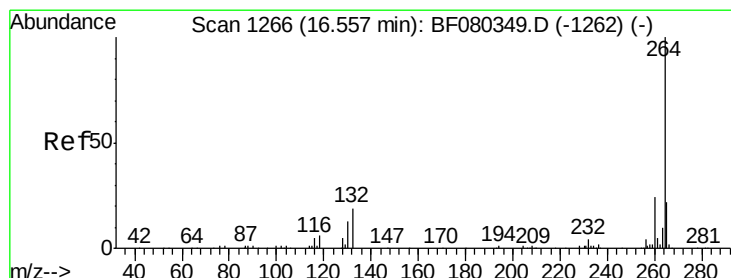
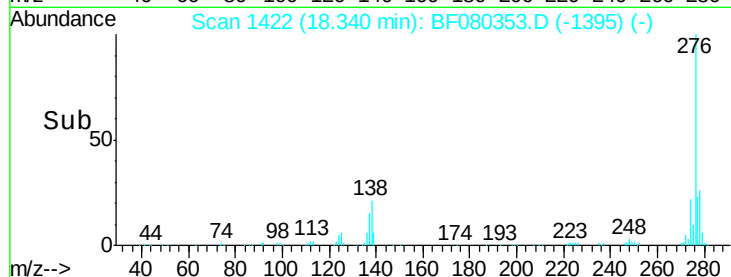
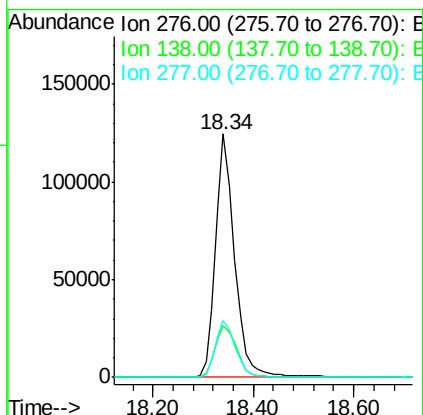
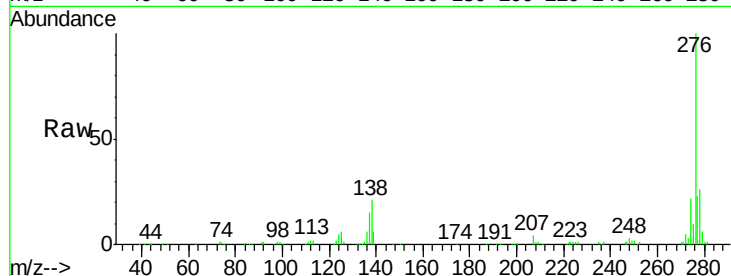




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.37 ng
 RT: 18.34 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

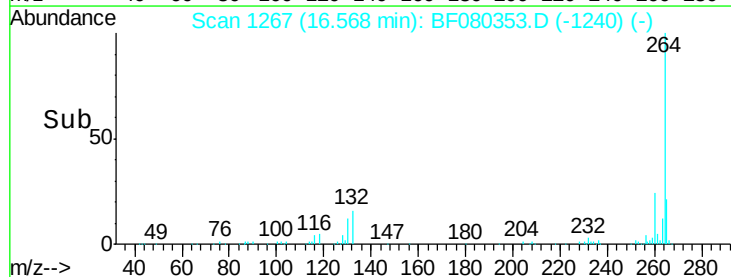
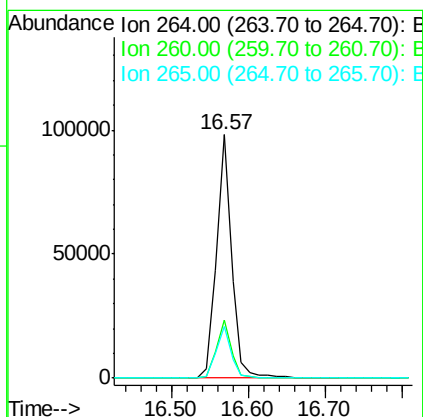
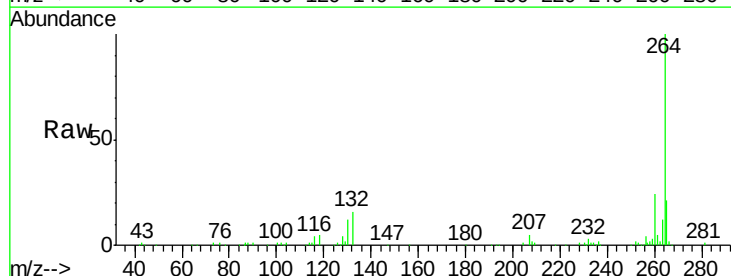
Instrument :
 BNA_F
 ClientSampleId :
 PB84363BSD

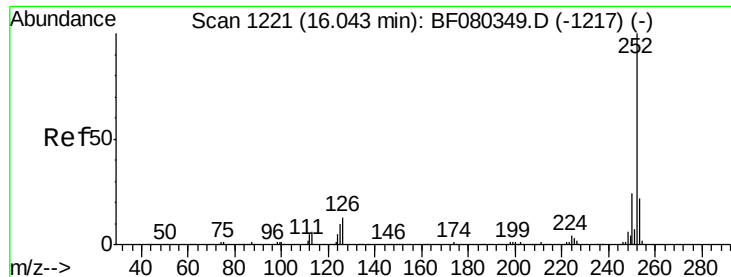
Tgt Ion: 276 Resp: 330842
 Ion Ratio Lower Upper
 276 100
 138 24.3 19.7 29.5
 277 24.2 19.4 29.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: BF080353.D
 Acq: 6 Jul 2015 19:22

Tgt Ion: 264 Resp: 135624
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.0 17.6 26.4

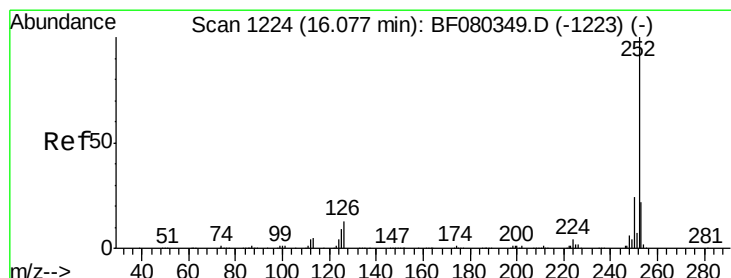
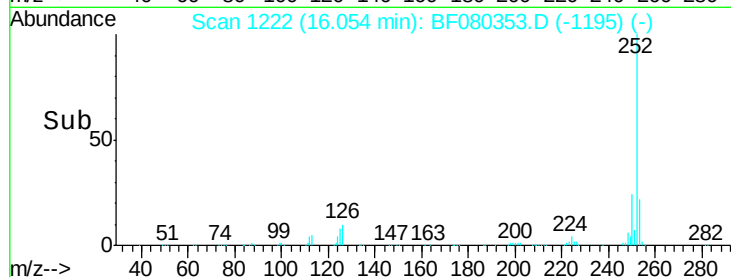
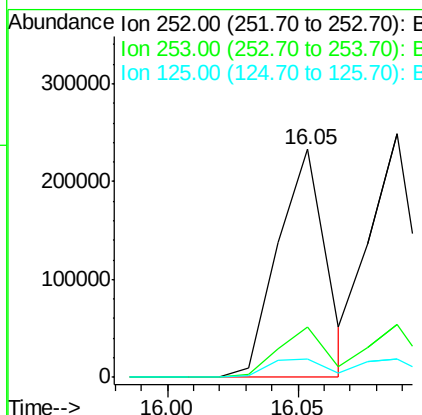
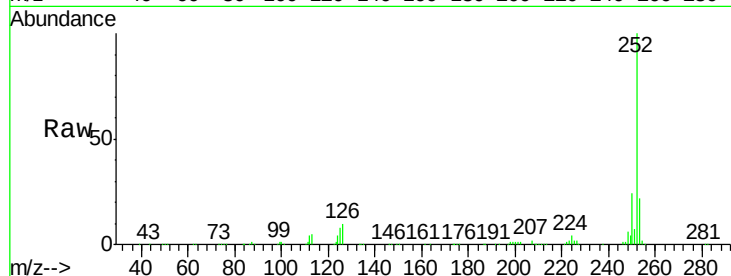




#87
Benzo(b)fluoranthene
Concen: 34.84 ng
RT: 16.05 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

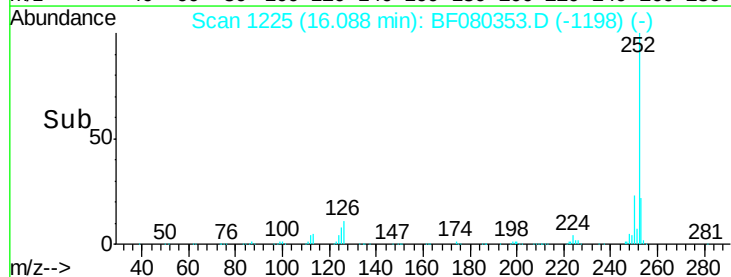
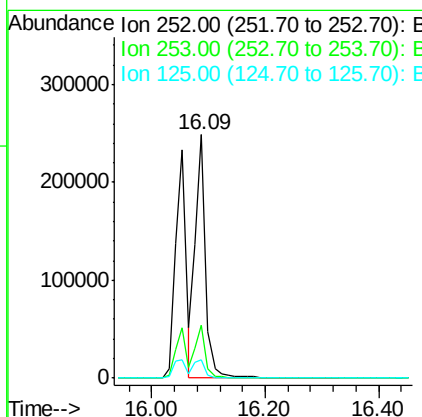
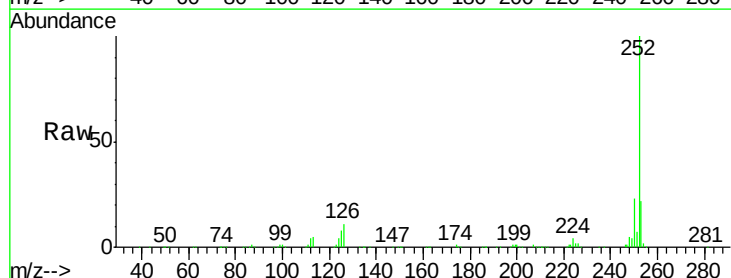
Instrument :
BNA_F
ClientSampleId :
PB84363BSD

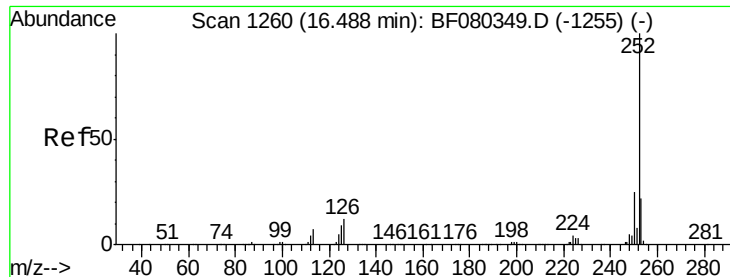
Tgt Ion:252 Resp: 296993
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 8.1 7.7 11.5



#88
Benzo(k)fluoranthene
Concen: 39.35 ng
RT: 16.09 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF080353.D
Acq: 6 Jul 2015 19:22

Tgt Ion:252 Resp: 317517
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 7.6 8.5 12.7#





#89

Benzo(a)pyrene

Concen: 37.90 ng

RT: 16.49 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD

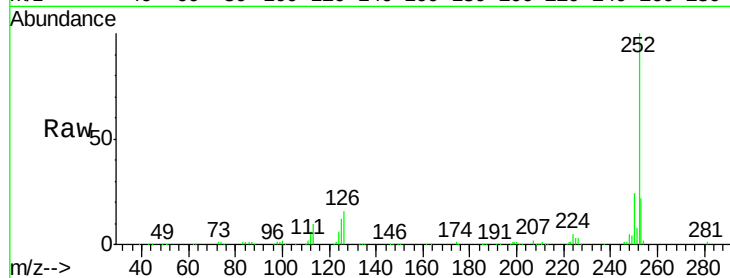
Tgt Ion:252 Resp: 295431

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

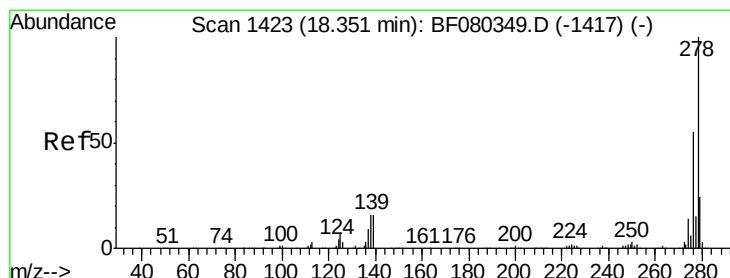
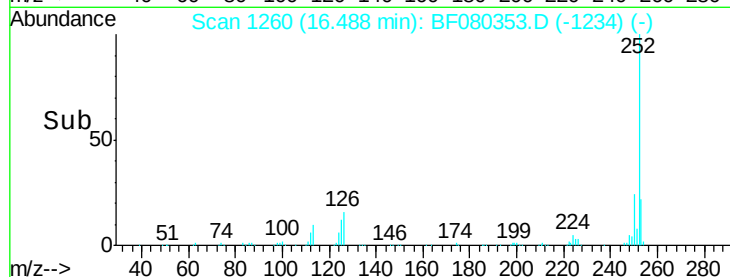
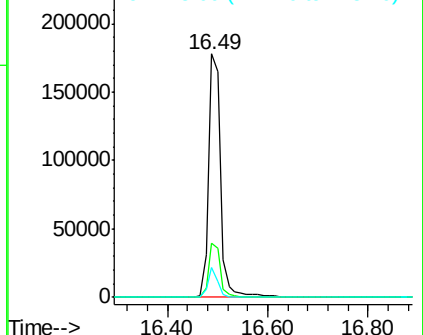
125 12.2 7.3 10.9#



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: 35.90 ng

RT: 18.36 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF080353.D

Acq: 6 Jul 2015 19:22

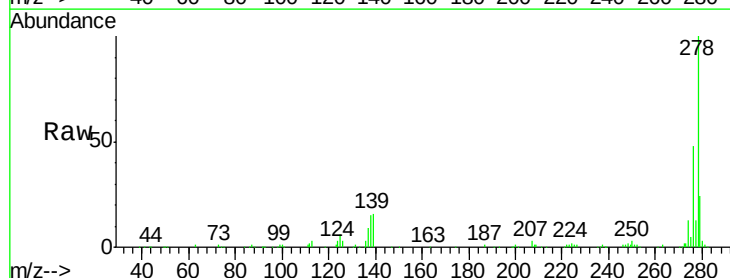
Tgt Ion:278 Resp: 275567

Ion Ratio Lower Upper

278 100

139 16.2 13.0 19.6

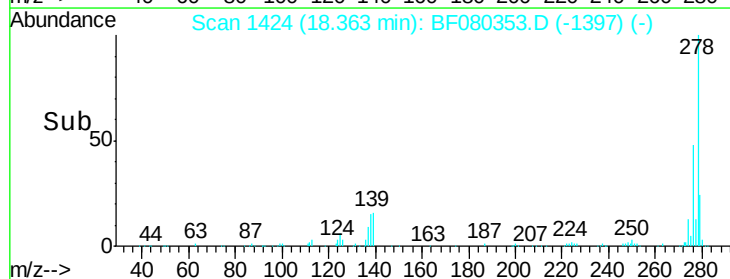
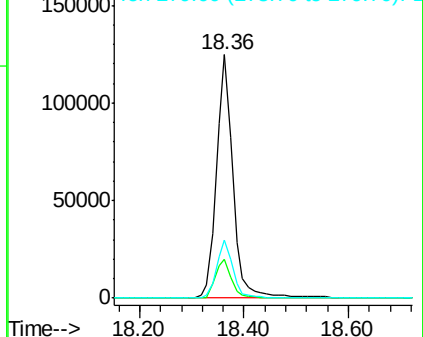
279 23.6 19.1 28.7

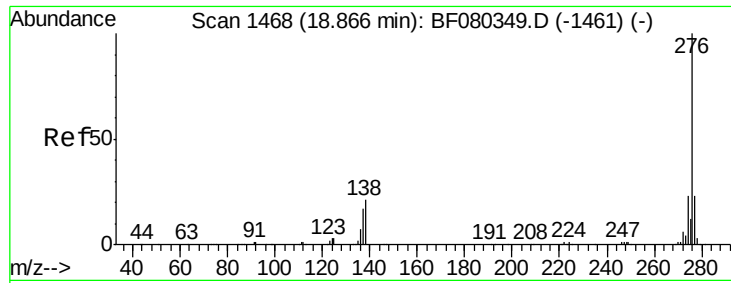


Abundance Ion 278.00 (277.70 to 278.70): E

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: 35.56 ng

RT: 18.88 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF080353.D

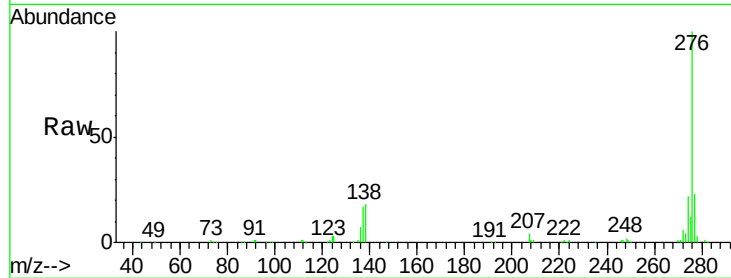
Acq: 6 Jul 2015 19:22

Instrument :

BNA_F

ClientSampleId :

PB84363BSD



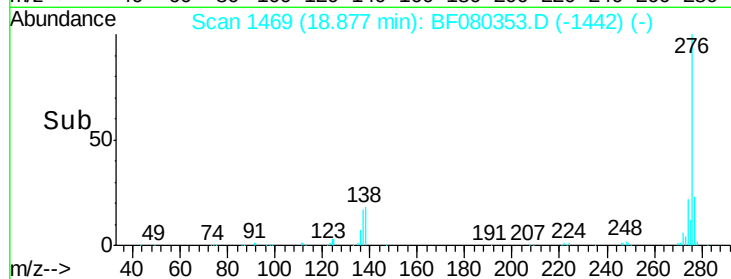
Tgt Ion: 276 Resp: 276795

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 18.4 16.8 25.2



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

150000

100000

50000

0

18.88

18.80

19.00

Time-->