

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
 Data File : BF080355.D
 Acq On : 6 Jul 2015 20:22
 Operator : TP/IZ
 Sample : PB84373BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Quant Time: Jul 07 03:55:46 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	35999	20.00	ng	0.00
21) Naphthalene-d8	8.52	136	136910	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	65217	20.00	ng	0.00
63) Phenanthrene-d10	11.80	188	138390	20.00	ng	0.01
75) Chrysene-d12	14.91	240	153619	20.00	ng	0.17
86) Perylene-d12	16.84	264	142676	20.00	ng	0.29

System Monitoring Compounds

5) 2-Fluorophenol	5.84	112	238497	121.34	ng	0.00
7) Phenol-d6	6.83	99	296182	113.68	ng	0.00
23) Nitrobenzene-d5	7.79	82	175286	74.68	ng	0.00
41) 2,4,6-Tribromophenol	11.08	330	83229	121.96	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	407198	84.26	ng	0.00
78) Terphenyl-d14	13.56	244	498597	75.71	ng	0.09

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.02	88	29204	31.47	ng	88
3) Pyridine	3.88	79	78611	33.29	ng	95
4) n-Nitrosodimethylamine	3.78	42	40109	36.14	ng	98
6) Aniline	6.89	93	81175	22.50	ng	98
8) 2-Chlorophenol	7.01	128	88093	38.66	ng	99
9) Benzaldehyde	6.77	77	55734	38.46	ng	97
10) Phenol	6.85	94	107545	38.06	ng	98
11) bis(2-Chloroethyl)ether	6.94	93	80341	37.69	ng	98
12) 1,3-Dichlorobenzene	7.17	146	102639	36.69	ng	99
13) 1,4-Dichlorobenzene	7.17	146	102639	39.29	ng	95
14) 1,2-Dichlorobenzene	7.40	146	99278	37.55	ng	99
15) Benzyl Alcohol	7.36	79	79260	39.30	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.49	45	130852	37.97	ng	98
17) 2-Methylphenol	7.62	107	93412	52.89	ng	86
18) Hexachloroethane	7.74	117	30565	36.42	ng	# 60
19) n-Nitroso-di-n-propylamine	7.62	70	59482	35.18	ng	# 77
20) 3+4-Methylphenols	7.62	107	93412	37.95	ng	96
22) Acetophenone	7.63	105	126508	40.05	ng	# 98
24) Nitrobenzene	7.80	77	91706	38.89	ng	98
25) Isophorone	8.04	82	177598	39.31	ng	98
26) 2-Nitrophenol	8.13	139	38777	38.00	ng	99
27) 2,4-Dimethylphenol	8.16	122	80587	40.14	ng	98
28) bis(2-Chloroethoxy)methane	8.25	93	112176	39.98	ng	99
29) 2,4-Dichlorophenol	8.37	162	72554	40.70	ng	97
30) 1,2,4-Trichlorobenzene	8.46	180	75558	35.67	ng	95
31) Naphthalene	8.54	128	258635	36.83	ng	99
32) Benzoic acid	8.21	122	35973	36.67	ng	94
33) 4-Chloroaniline	8.58	127	58660	20.96	ng	97
34) Hexachlorobutadiene	8.66	225	47604	36.94	ng	99
35) Caprolactam	8.92	113	22072	40.10	ng	# 81
36) 4-Chloro-3-methylphenol	9.05	107	72021	39.16	ng	94
37) 2-Methylnaphthalene	9.24	142	173076	38.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	77936	37.71	ng	97
40) Hexachlorocyclopentadiene	9.40	237	66813	77.96	ng	94

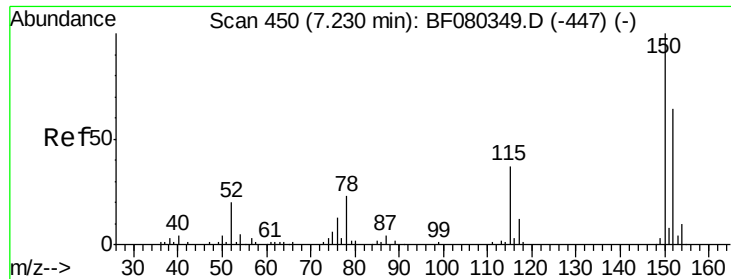
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	52297	38.41	ng	97
43) 2,4,5-Trichlorophenol	9.55	196	62902	39.63	ng	98
45) 1,1'-Biphenyl	9.70	154	228943	39.55	ng	99
46) 2-Chloronaphthalene	9.73	162	167456	37.94	ng	99
47) 2-Nitroaniline	9.81	65	51101	41.38	ng	98
48) Acenaphthylene	10.14	152	270732	36.85	ng	99
49) Dimethylphthalate	9.98	163	196155	37.46	ng	99
50) 2,6-Dinitrotoluene	10.05	165	46225	42.23	ng	93
51) Acenaphthene	10.33	154	176491	40.13	ng	97
52) 3-Nitroaniline	10.22	138	31157	25.26	ng	96
53) 2,4-Dinitrophenol	10.34	184	35711	75.45	ng	97
54) Dibenzofuran	10.50	168	254463	40.70	ng	99
55) 4-Nitrophenol	10.37	139	79612	88.05	ng	89
56) 2,4-Dinitrotoluene	10.46	165	56848	40.38	ng	99
57) Fluorene	10.84	166	221627	41.16	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.61	232	52760	41.50	ng	# 99
59) Diethylphthalate	10.69	149	219130	41.90	ng	100
60) 4-Chlorophenyl-phenylether	10.83	204	96976	40.70	ng	97
61) 4-Nitroaniline	10.84	138	45746	38.20	ng	98
62) Azobenzene	10.99	77	198396	39.94	ng	98
64) 4,6-Dinitro-2-methylphenol	10.88	198	28930	37.24	ng	95
65) n-Nitrosodiphenylamine	10.94	169	174358	39.55	ng	99
66) 4-Bromophenyl-phenylether	11.32	248	57311	36.15	ng	# 86
67) Hexachlorobenzene	11.40	284	61613	37.05	ng	# 79
68) Atrazine	11.47	200	55991	42.67	ng	94
69) Pentachlorophenol	11.60	266	68865	83.75	ng	94
70) Phenanthrene	11.82	178	312916	37.70	ng	99
71) Anthracene	11.88	178	319913	39.31	ng	99
72) Carbazole	12.04	167	298738	39.35	ng	98
73) Di-n-butylphthalate	12.39	149	358024	41.23	ng	100
74) Fluoranthene	13.14	202	339576	38.07	ng	94
76) Benzidine	13.27	184	155748	39.97	ng	98
77) Pyrene	13.40	202	364974	39.28	ng	99
79) Butylbenzylphthalate	14.15	149	144285	38.91	ng	# 85
80) Benzo(a)anthracene	14.89	228	359185	38.80	ng	99
81) 3,3'-Dichlorobenzidine	14.84	252	89857	29.27	ng	99
82) Chrysene	14.95	228	330707	38.18	ng	99
83) Bis(2-ethylhexyl)phthalate	14.89	149	227421	40.24	ng	# 97
84) Di-n-octyl phthalate	15.76	149	370790	39.72	ng	98
85) Indeno(1,2,3-cd)pyrene	18.64	276	363971	35.73	ng	100
87) Benzo(b)fluoranthene	16.32	252	384941	42.93	ng	98
88) Benzo(k)fluoranthene	16.35	252	289781	34.14	ng	99
89) Benzo(a)pyrene	16.76	252	326829	39.86	ng	98
90) Dibenzo(a,h)anthracene	18.66	278	309291	38.30	ng	99
91) Benzo(g,h,i)perylene	19.17	276	312448	38.15	ng	99

(#) = 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: BF080355.D

Acq: 6 Jul 2015 20:22

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PB84373BS

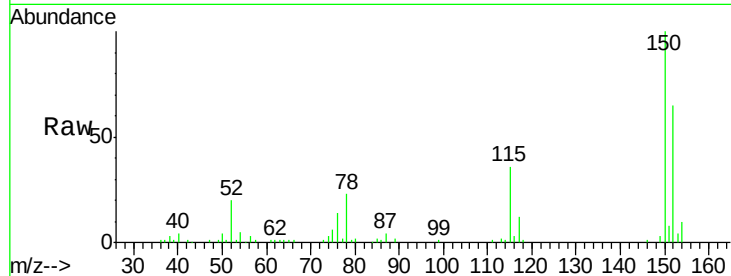
Tgt Ion:152 Resp: 35999

Ion Ratio Lower Upper

152 100

150 154.2 124.7 187.1

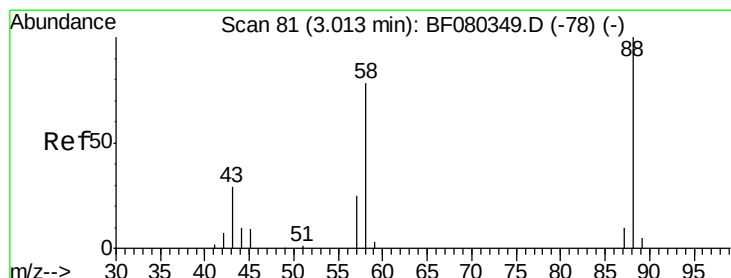
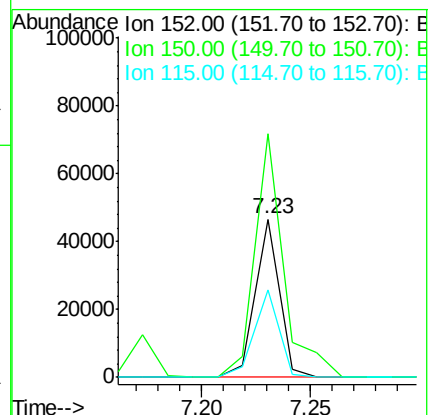
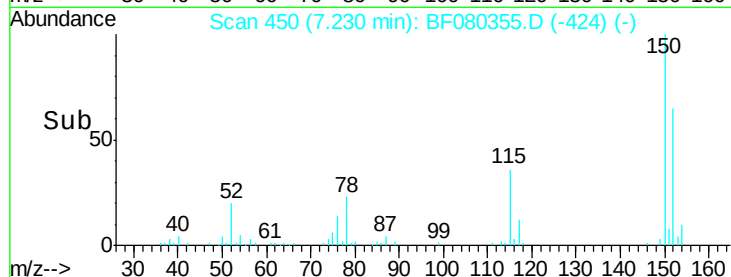
115 55.5 45.7 68.5



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: 31.47 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.01 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

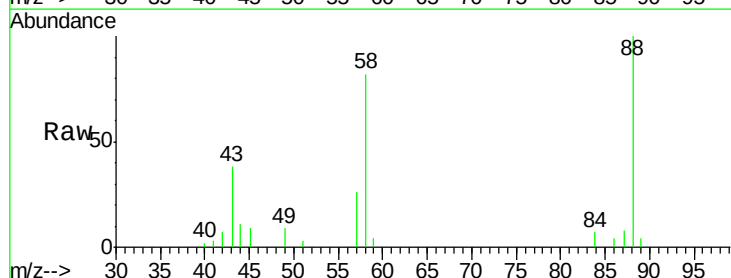
Tgt Ion: 88 Resp: 29204

Ion Ratio Lower Upper

88 100

58 87.8 61.0 91.6

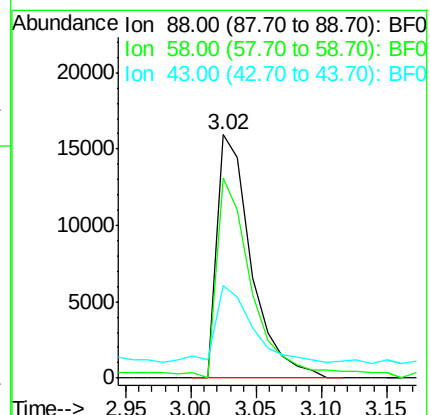
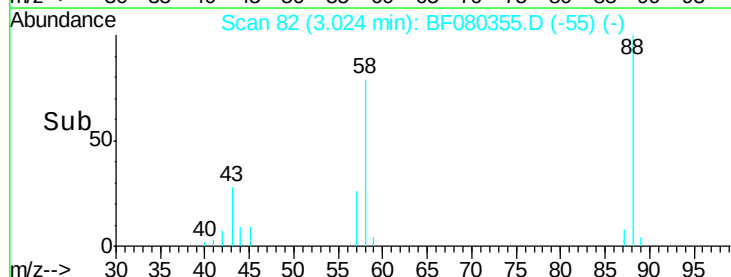
43 33.3 23.4 35.0

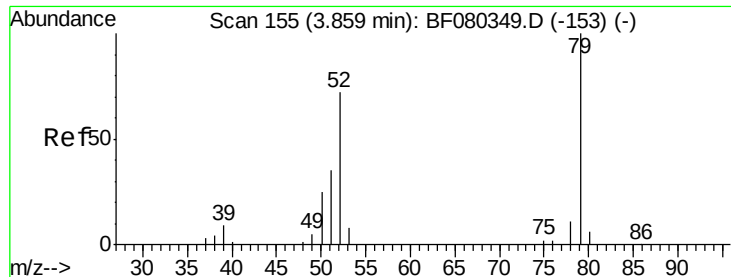


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.29 ng

RT: 3.88 min Scan# 157

Delta R.T. 0.02 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB84373BS

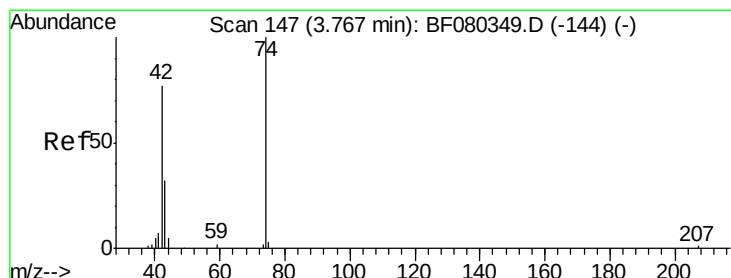
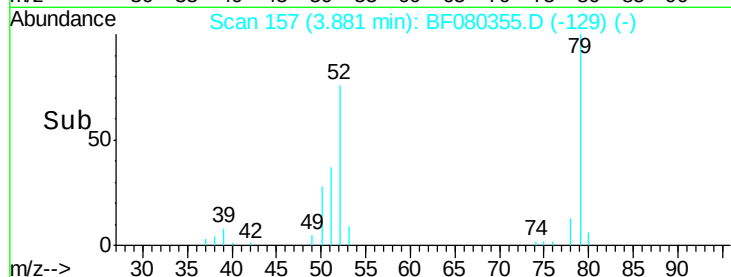
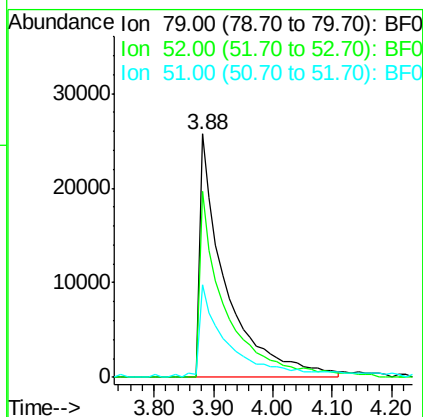
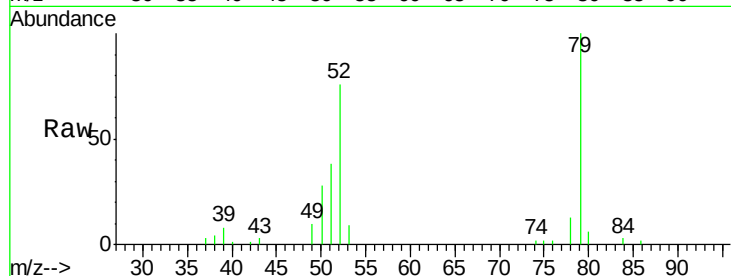
Tgt Ion: 79 Resp: 78611

Ion Ratio Lower Upper

79 100

52 76.4 57.2 85.8

51 38.2 29.4 44.0



#4

n-Nitrosodimethylamine

Concen: 36.14 ng

RT: 3.78 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

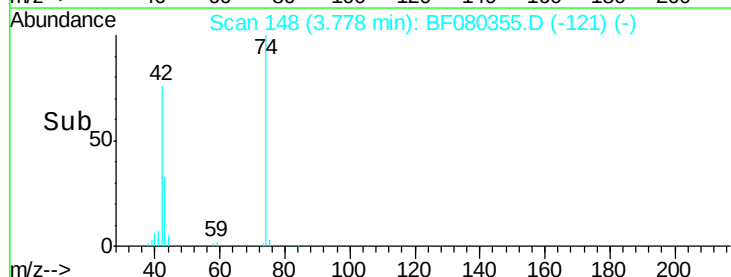
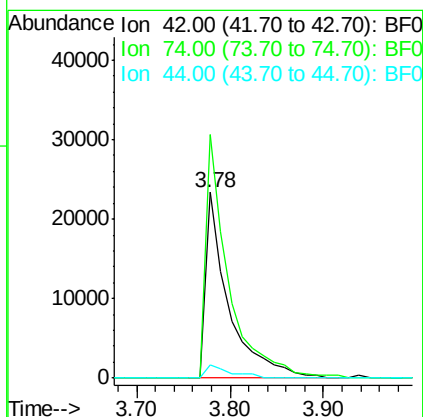
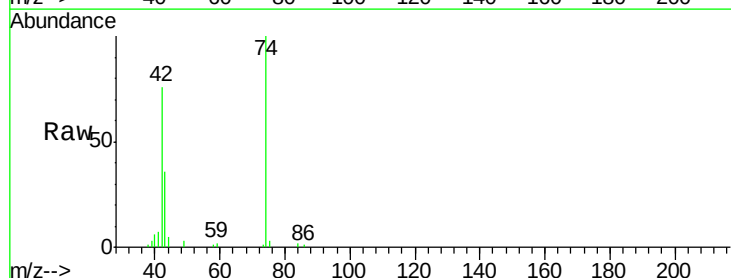
Tgt Ion: 42 Resp: 40109

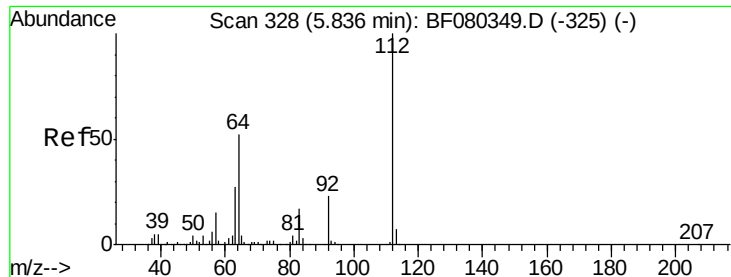
Ion Ratio Lower Upper

42 100

74 131.1 103.4 155.0

44 7.0 5.4 8.0





#5

2-Fluorophenol

Concen: 121.34 ng

RT: 5.84 min Scan# 328

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB84373BS

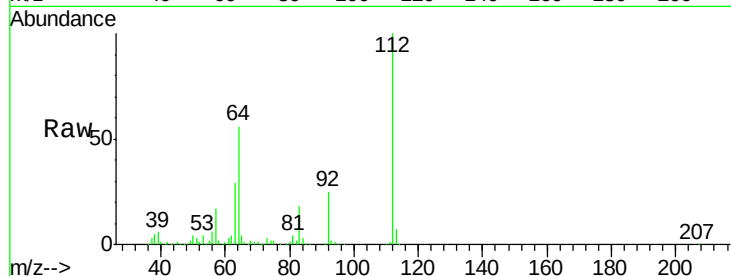
Tgt Ion: 112 Resp: 238497

Ion Ratio Lower Upper

112 100

64 56.3 41.8 62.6

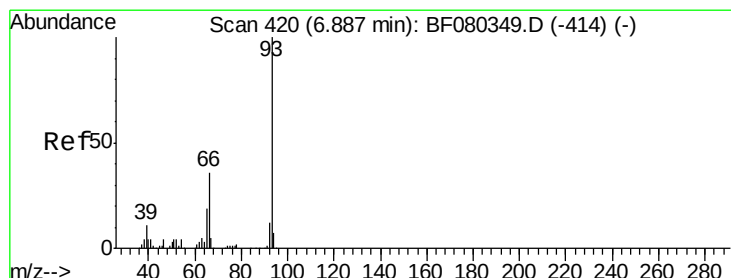
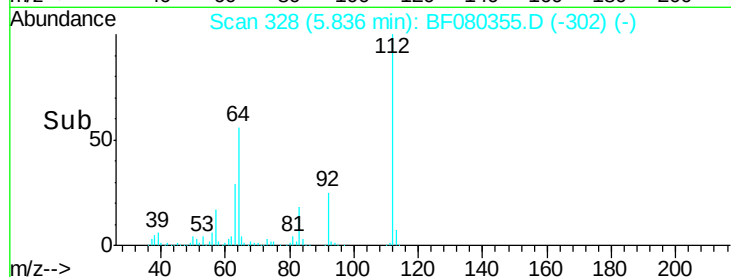
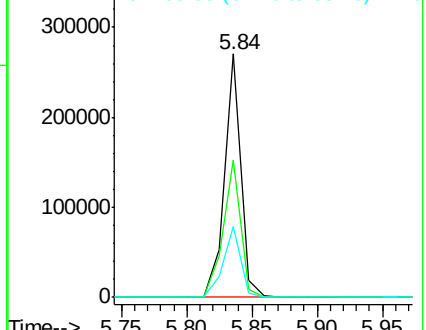
63 29.0 21.5 32.3



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: 22.50 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

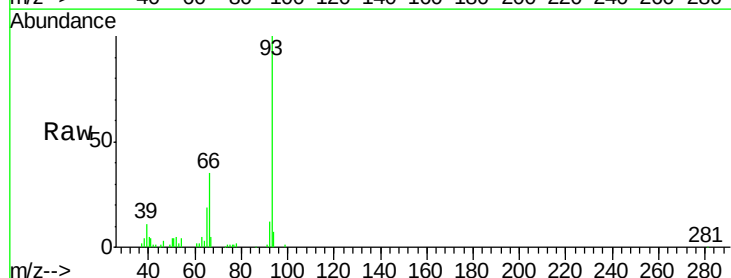
Tgt Ion: 93 Resp: 81175

Ion Ratio Lower Upper

93 100

66 34.6 28.7 43.1

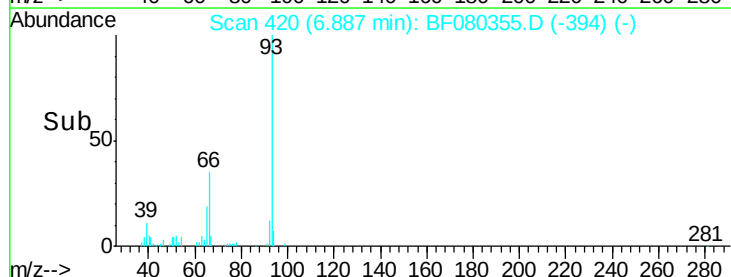
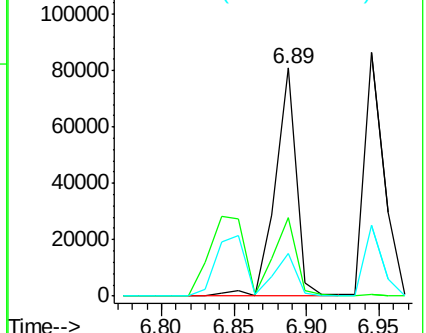
65 18.6 14.8 22.2

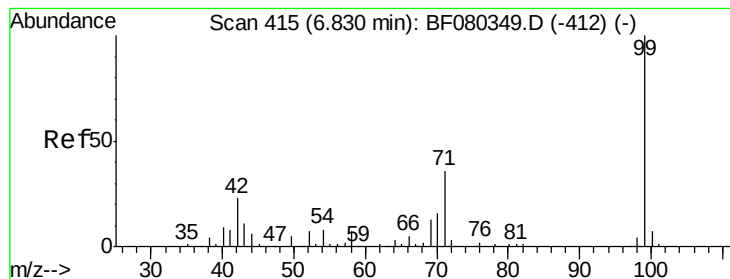


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.68 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

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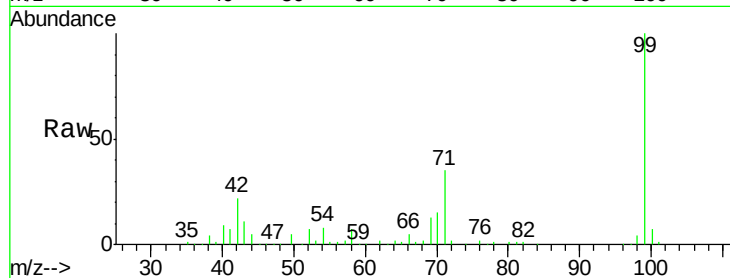
Tgt Ion: 99 Resp: 296182

Ion Ratio Lower Upper

99 100

42 22.0 18.5 27.7

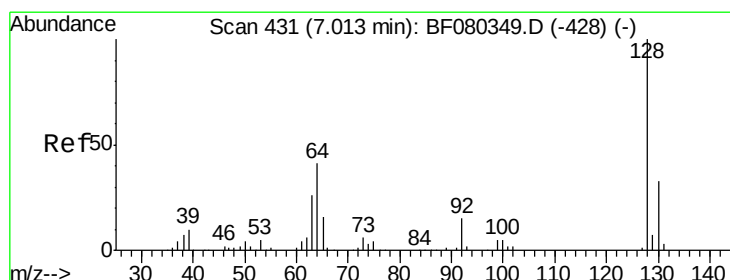
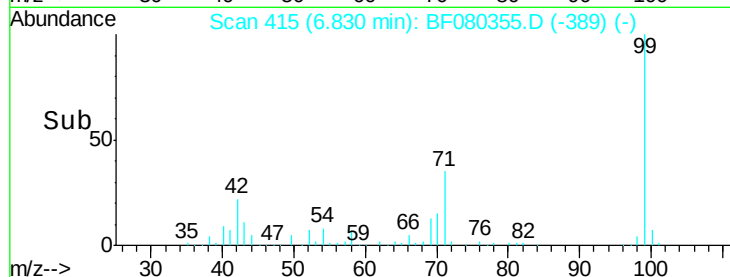
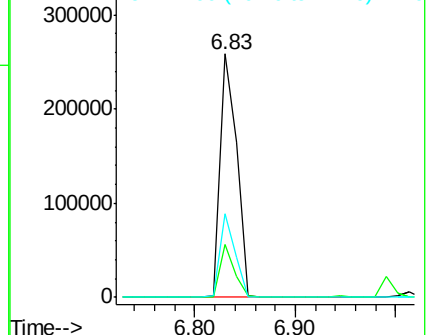
71 34.6 28.5 42.7



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: 38.66 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

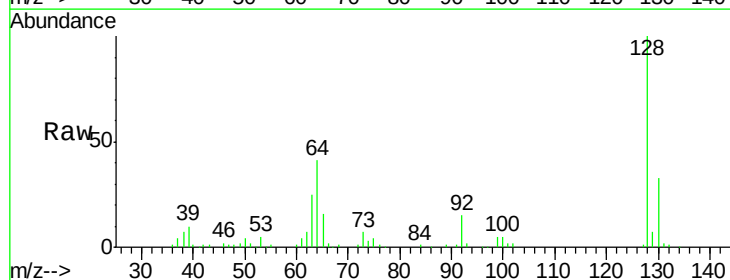
Tgt Ion: 128 Resp: 88093

Ion Ratio Lower Upper

128 100

130 33.4 12.8 52.8

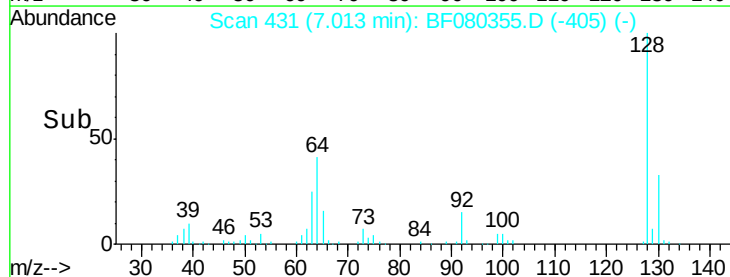
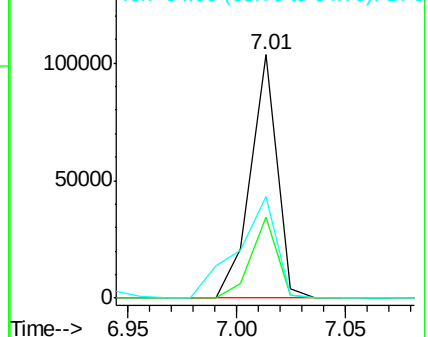
64 41.4 21.1 61.1

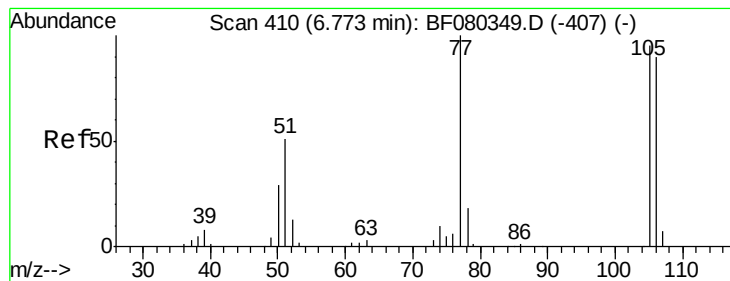


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.46 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

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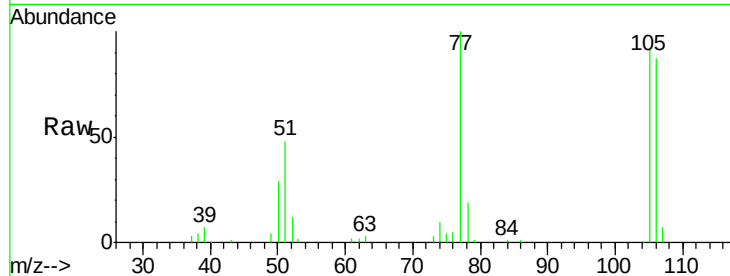
Tgt Ion: 77 Resp: 55734

Ion Ratio Lower Upper

77 100

105 91.9 75.2 115.2

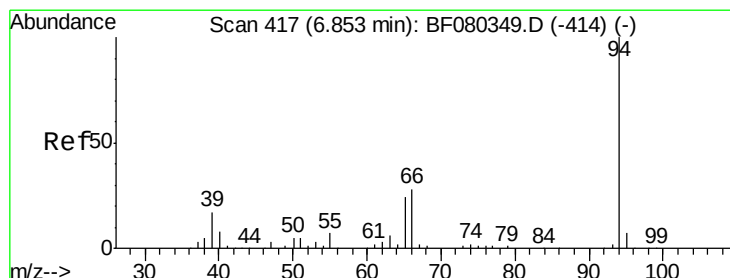
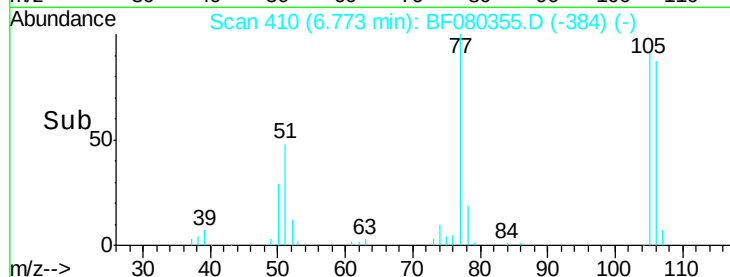
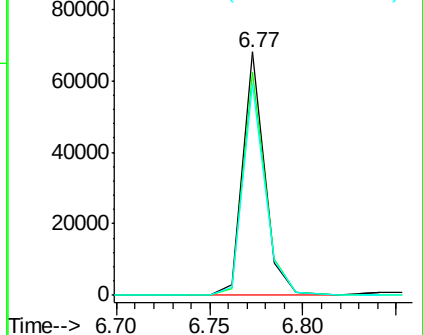
106 86.9 69.9 109.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.06 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

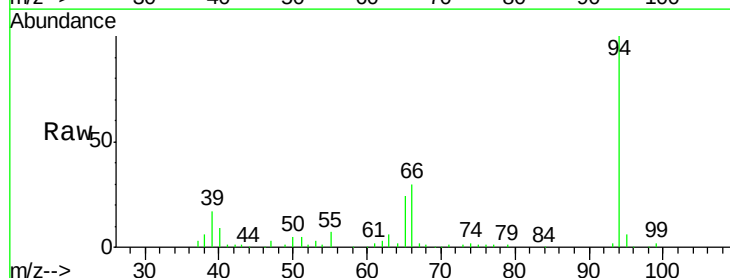
Tgt Ion: 94 Resp: 107545

Ion Ratio Lower Upper

94 100

65 23.5 3.5 43.5

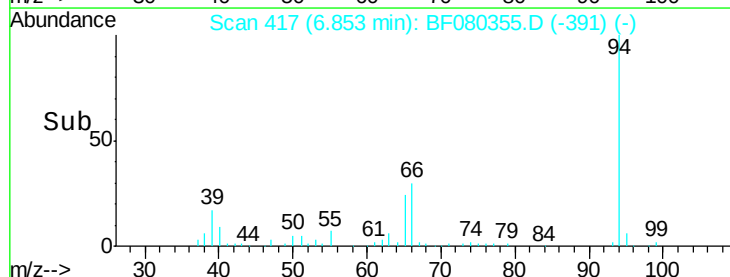
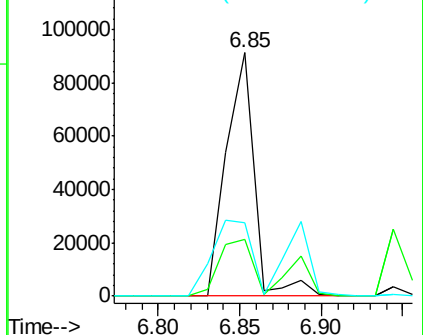
66 30.0 8.5 48.5

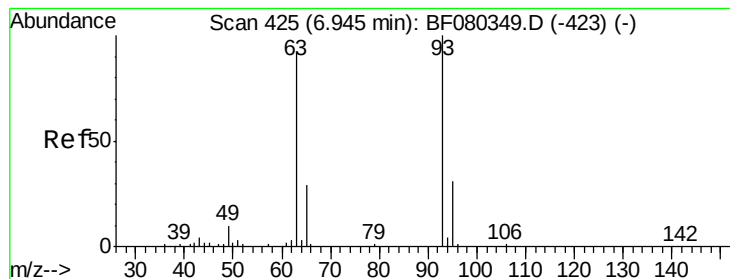


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.69 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB84373BS

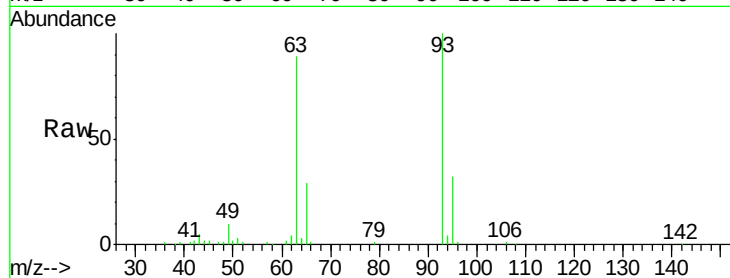
Tgt Ion: 93 Resp: 80341

Ion Ratio Lower Upper

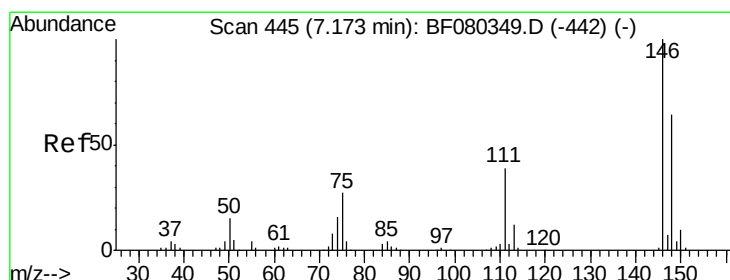
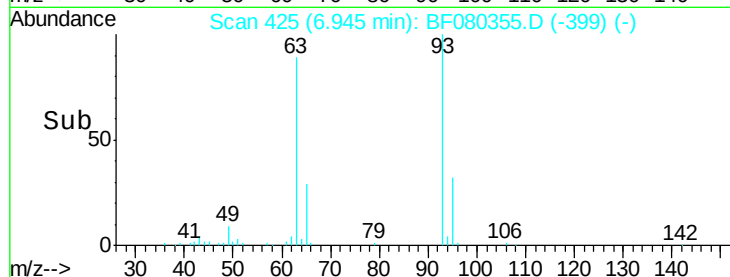
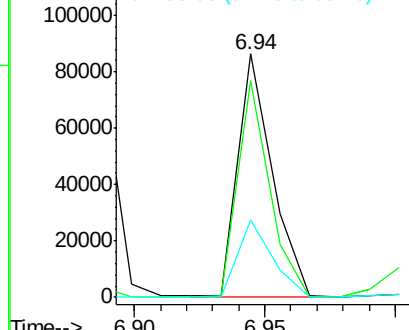
93 100

63 89.2 71.3 111.3

95 31.9 11.3 51.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 36.69 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

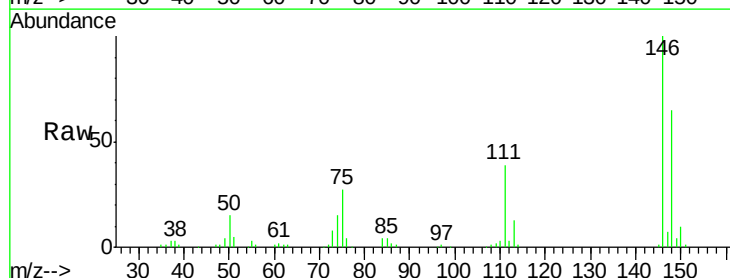
Tgt Ion: 146 Resp: 102639

Ion Ratio Lower Upper

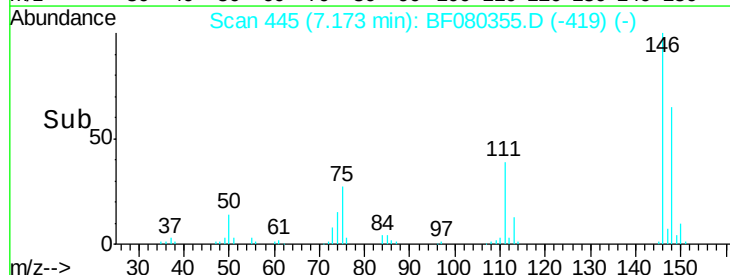
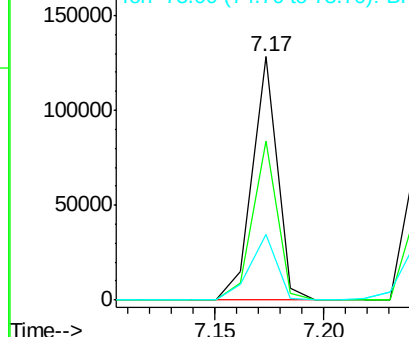
146 100

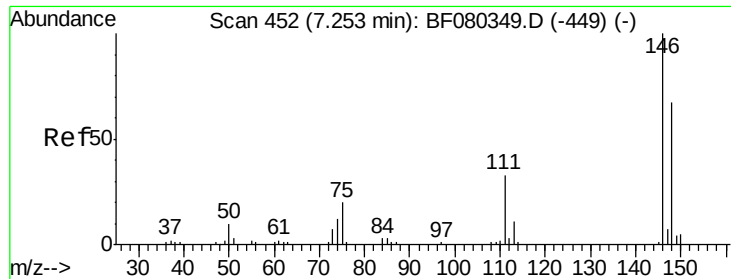
148 65.4 51.4 77.0

75 26.7 21.5 32.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

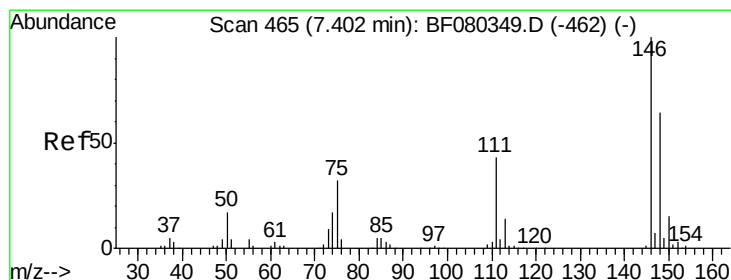
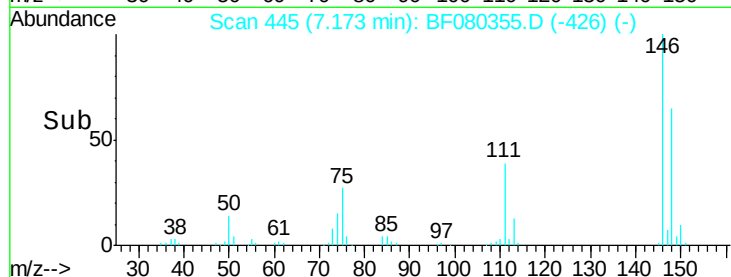
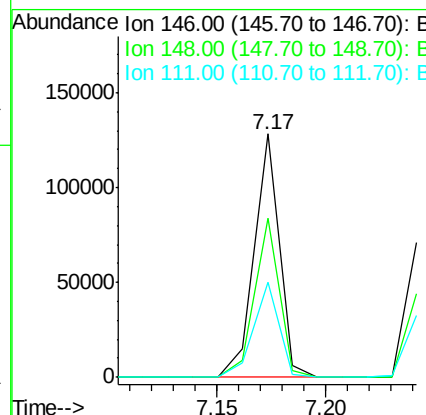
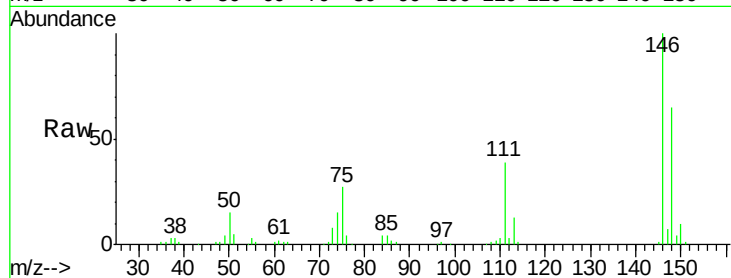




#13
 1,4-Dichlorobenzene
 Concen: 39.29 ng
 RT: 7.17 min Scan# 445
 Delta R.T. -0.08 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

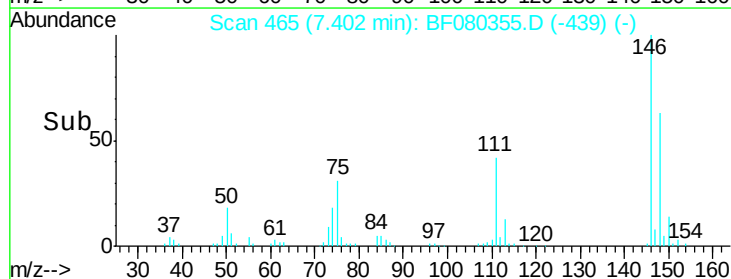
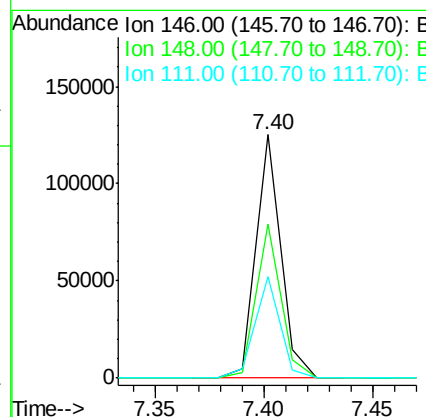
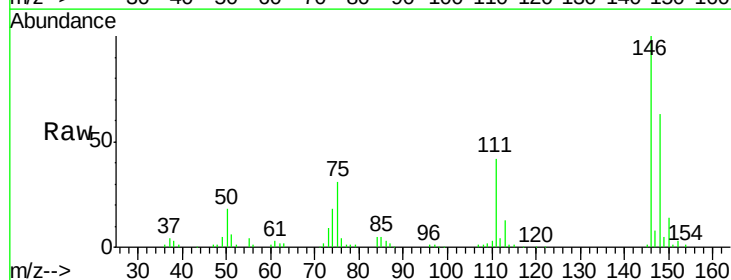
Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

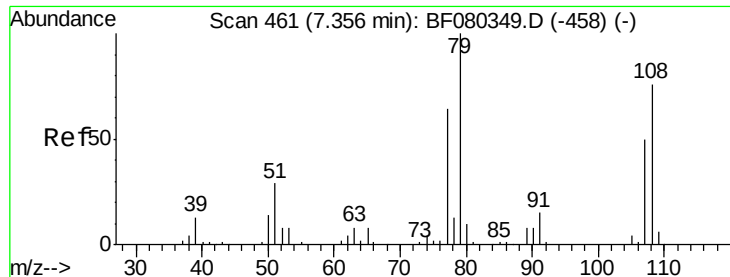
Tgt Ion:146 Resp: 102639
 Ion Ratio Lower Upper
 146 100
 148 65.4 53.4 80.0
 111 38.9 26.2 39.2



#14
 1,2-Dichlorobenzene
 Concen: 37.55 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion:146 Resp: 99278
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.3 76.9
 111 42.0 34.6 52.0





#15

Benzyl Alcohol

Concen: 39.30 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB84373BS

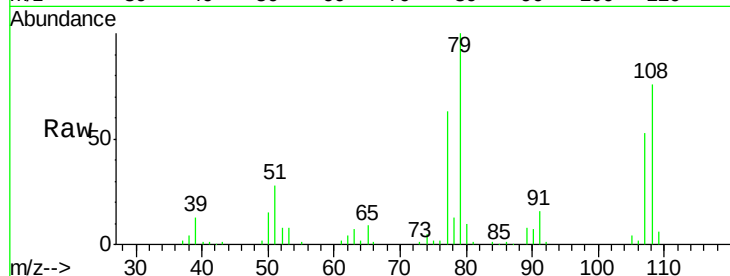
Tgt Ion: 79 Resp: 79260

Ion Ratio Lower Upper

79 100

108 76.4 60.6 90.8

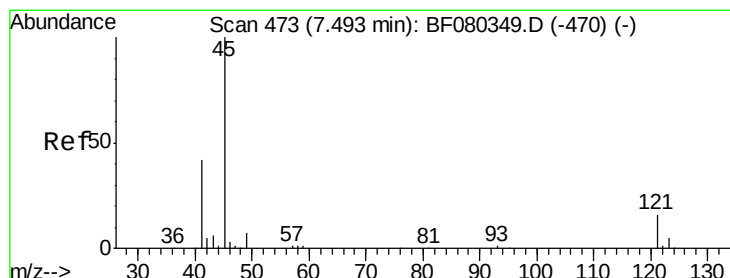
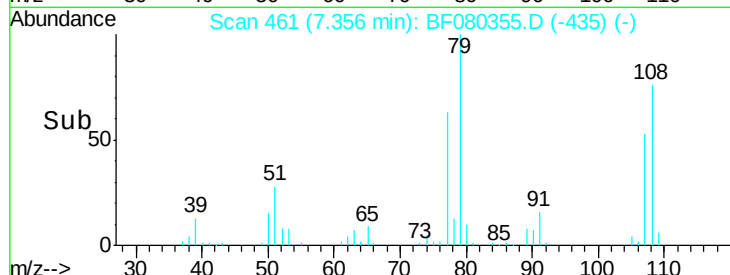
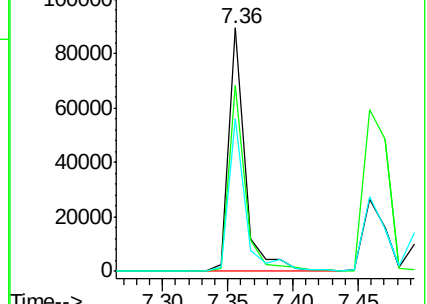
77 62.9 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.97 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

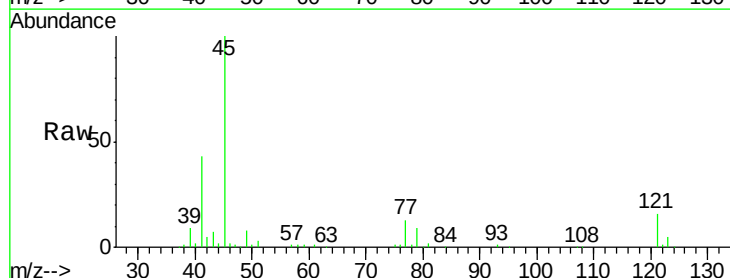
Tgt Ion: 45 Resp: 130852

Ion Ratio Lower Upper

45 100

77 12.8 0.0 31.9

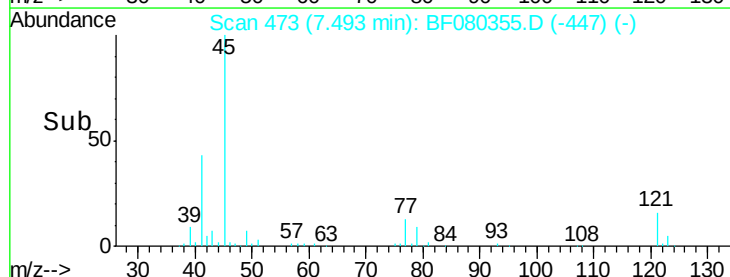
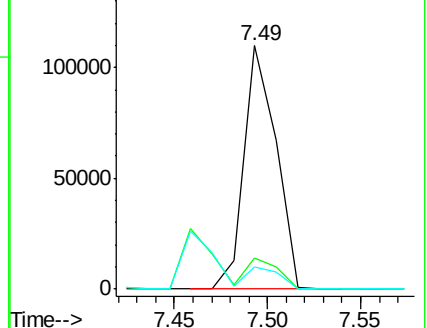
79 9.2 0.0 29.7

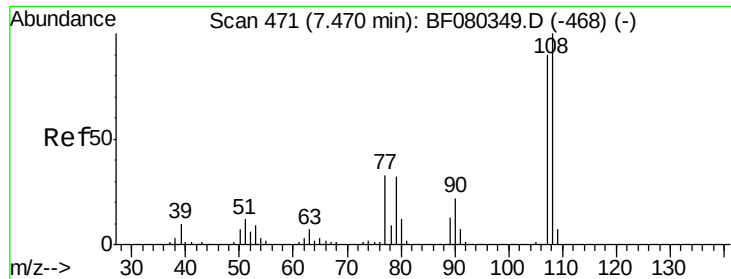


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

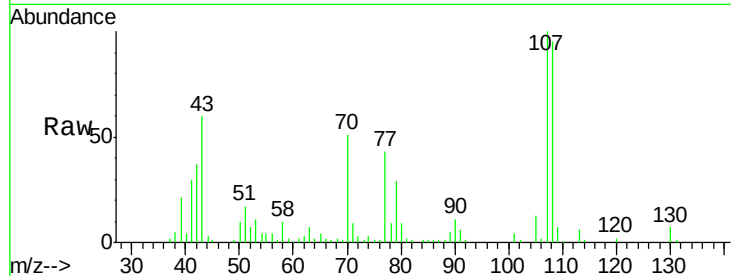




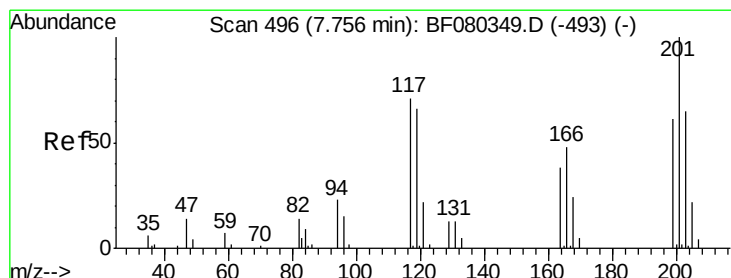
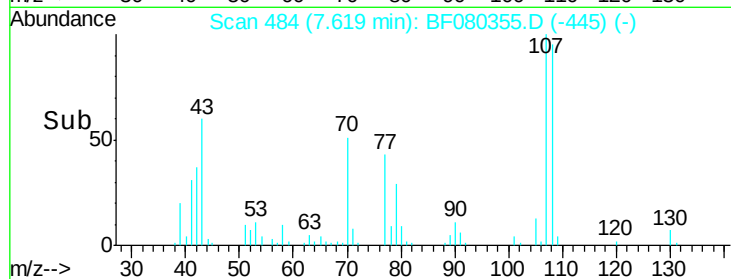
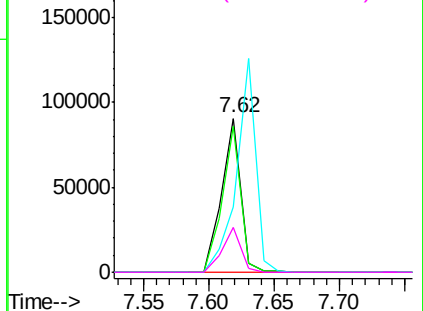
#17
2-Methylphenol
Concen: 52.89 ng
RT: 7.62 min Scan# 484
Delta R.T. 0.15 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

Tgt Ion:	107	Resp:	93412
Ion	Ratio	Lower	Upper
107	100		
108	95.0	89.3	133.9
77	42.7	29.5	44.3
79	29.0	28.6	43.0

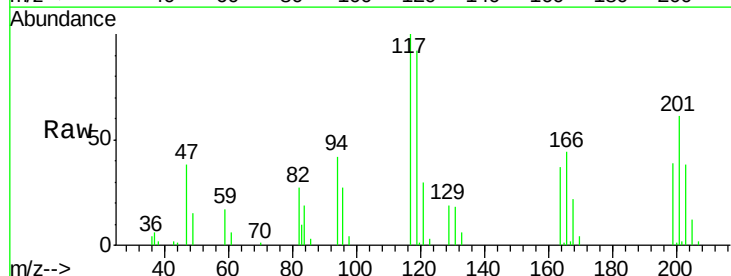


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

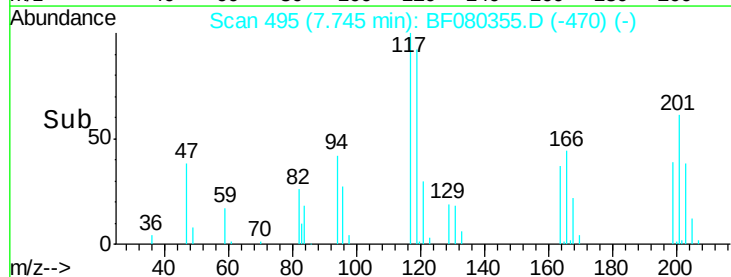
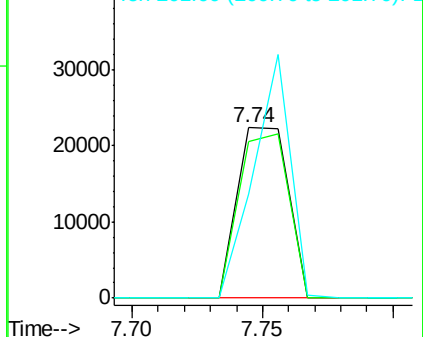


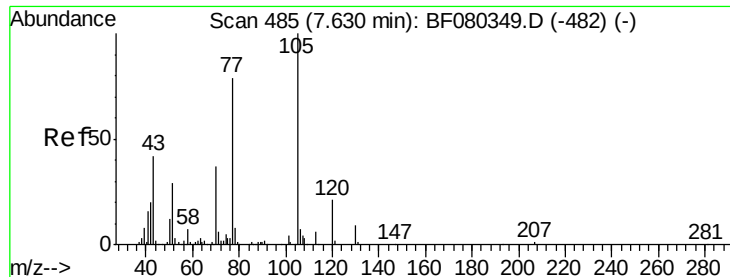
#18
Hexachloroethane
Concen: 36.42 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion:	117	Resp:	30565
Ion	Ratio	Lower	Upper
117	100		
119	92.0	74.2	111.4
201	60.9	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

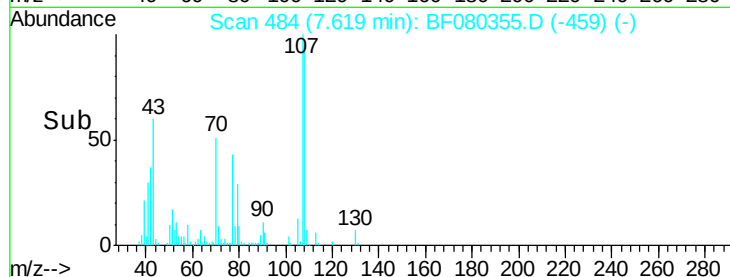
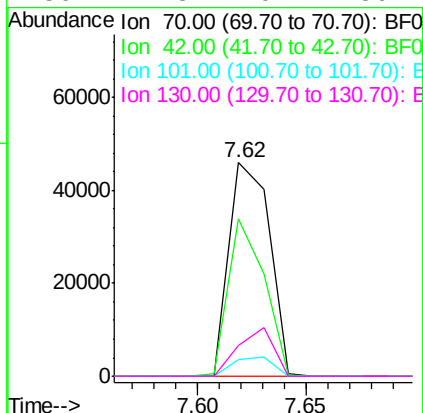
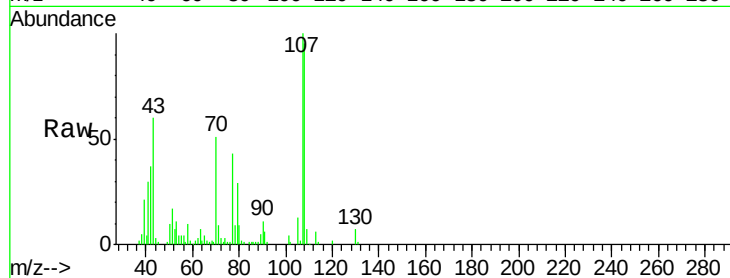




#19
n-Nitroso-di-n-propylamine
Concen: 35.18 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

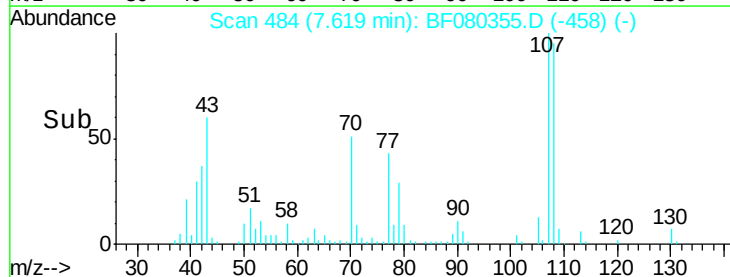
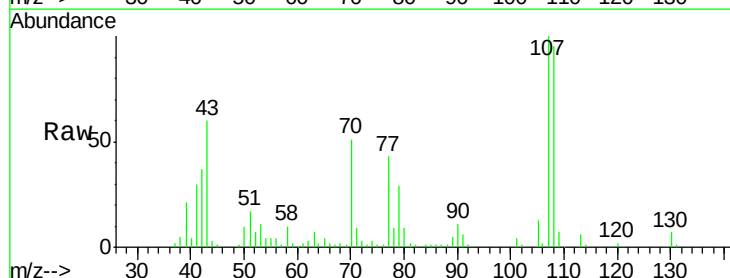
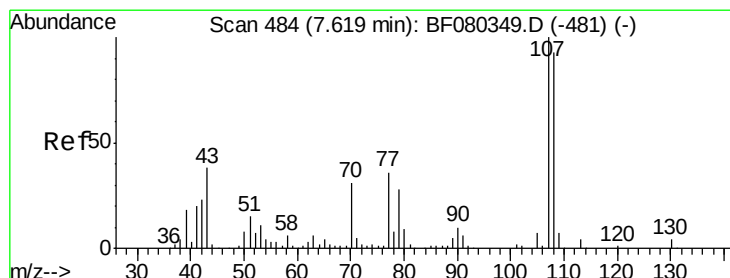
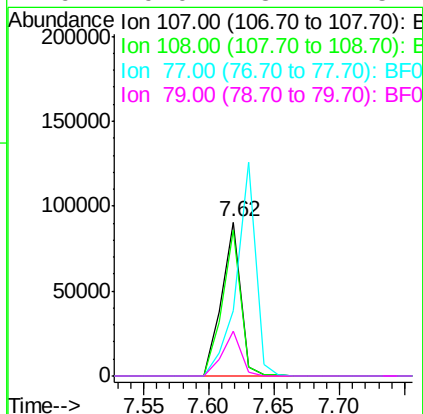
Instrument :
BNA_F
ClientSampleId :
PB84373BS

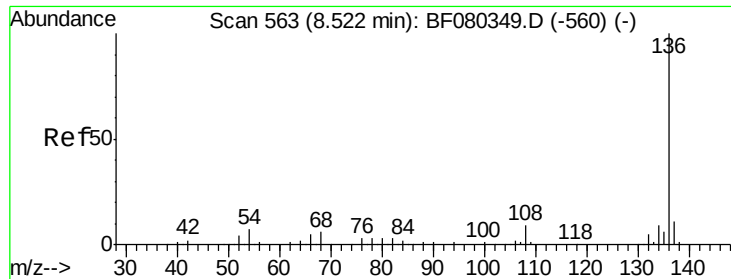
Tgt Ion: 70 Resp: 59482
Ion Ratio Lower Upper
70 100
42 73.5 43.0 64.6#
101 8.0 8.3 12.5#
130 14.3 20.2 30.2#



#20
3+4-Methylphenols
Concen: 37.95 ng
RT: 7.62 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion: 107 Resp: 93412
Ion Ratio Lower Upper
107 100
108 95.0 73.4 113.4
77 42.7 16.4 56.4
79 29.0 8.2 48.2

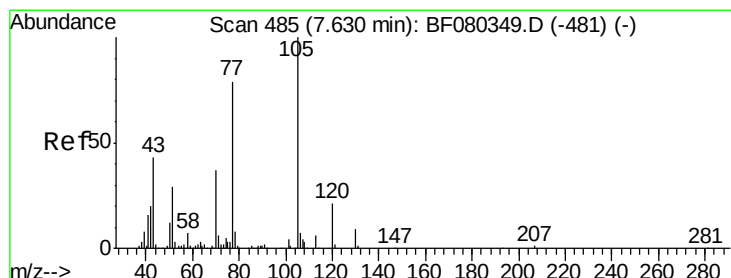
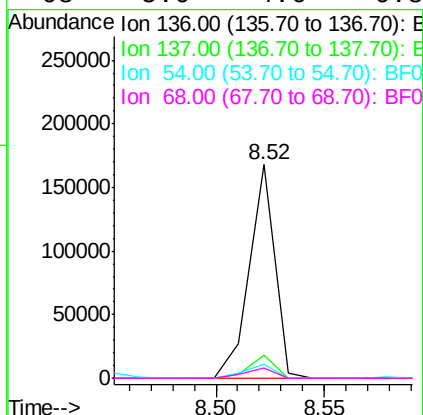
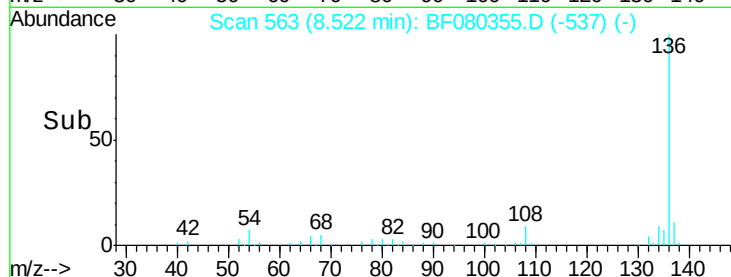
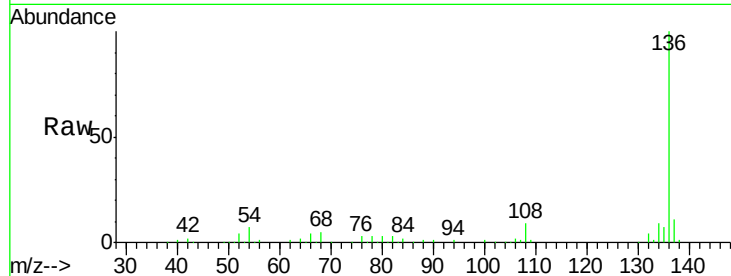




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

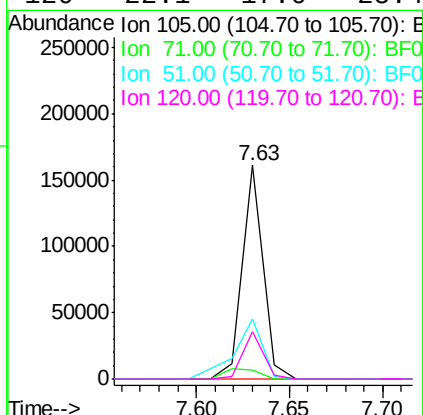
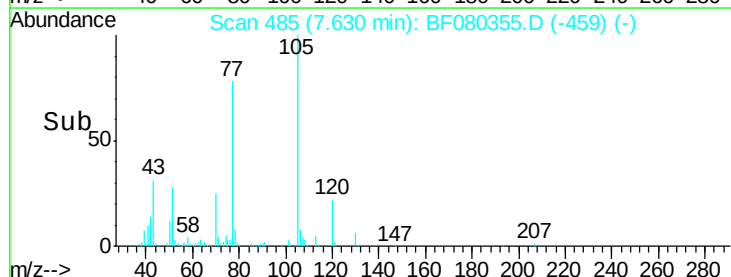
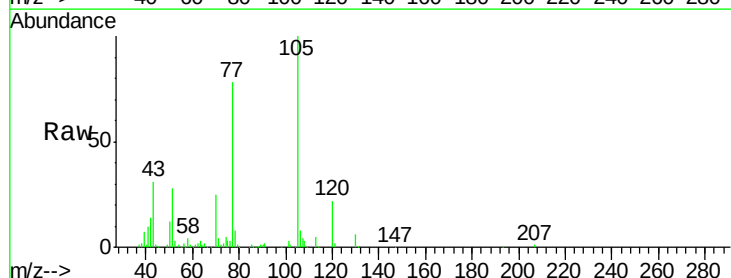
Instrument :
BNA_F
ClientSampleId :
PB84373BS

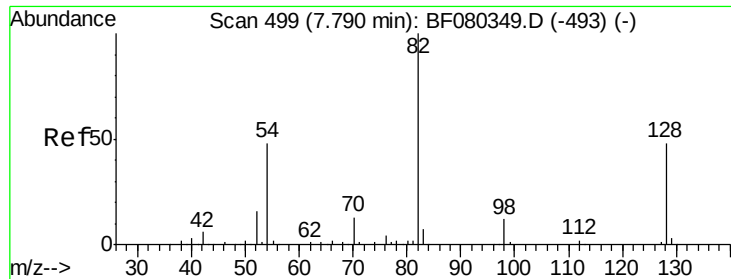
Tgt Ion:	136	Resp:	136910
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.8	5.8	8.8
68	5.0	4.6	6.8



#22
Acetophenone
Concen: 40.05 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion:	105	Resp:	126508
Ion	Ratio	Lower	Upper
105	100		
71	4.1	5.0	7.6#
51	28.2	23.2	34.8
120	22.1	17.0	25.4

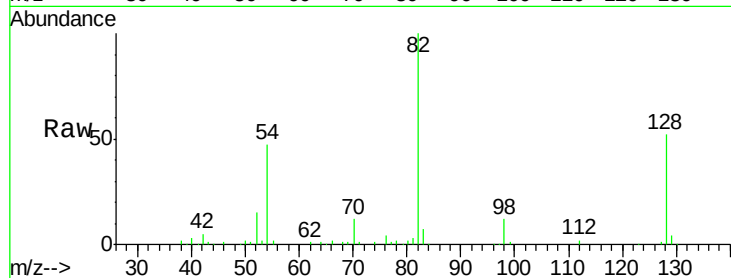




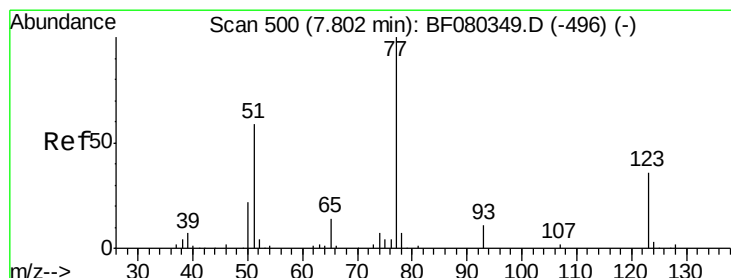
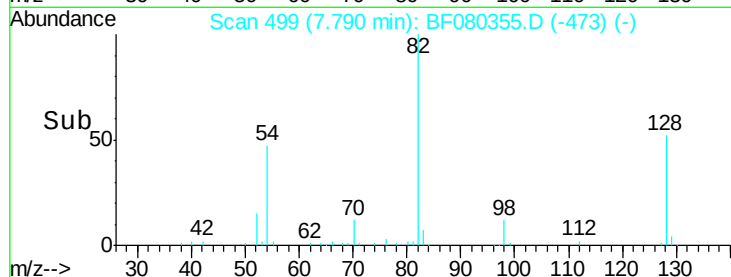
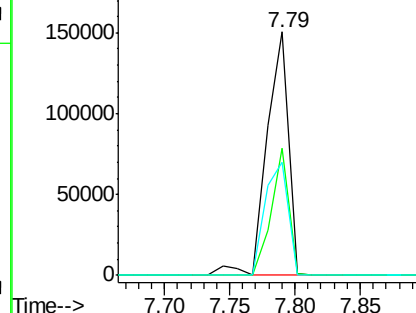
#23
 Nitrobenzene-d5
 Concen: 74.68 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Tgt Ion: 82 Resp: 175286
 Ion Ratio Lower Upper
 82 100
 128 52.0 38.4 57.6
 54 46.7 38.2 57.2

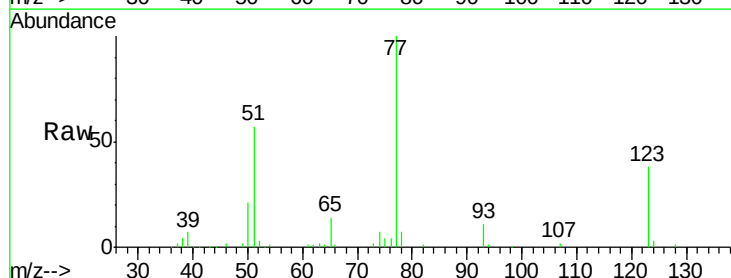


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

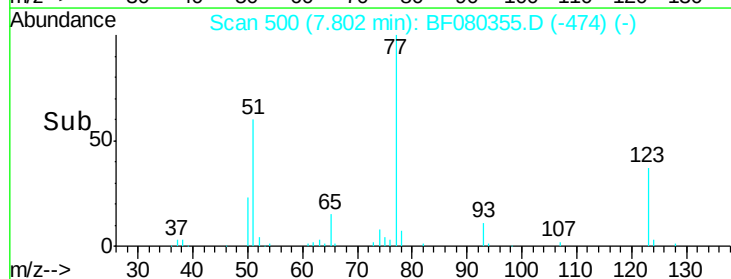
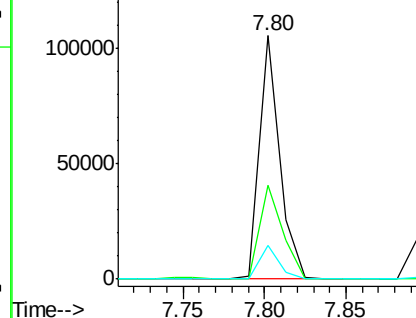


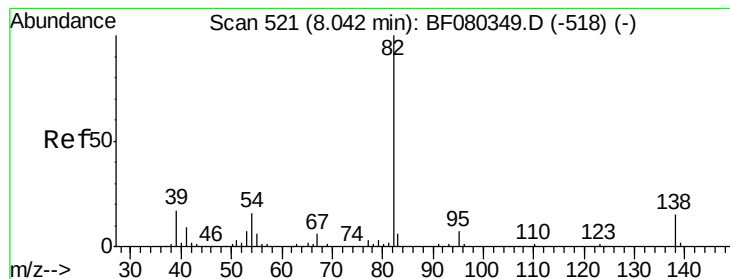
#24
 Nitrobenzene
 Concen: 38.89 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion: 77 Resp: 91706
 Ion Ratio Lower Upper
 77 100
 123 38.5 29.6 44.4
 65 13.6 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: 39.31 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB84373BS

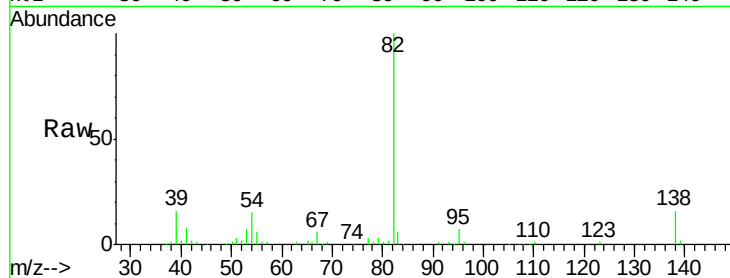
Tgt Ion: 82 Resp: 177598

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

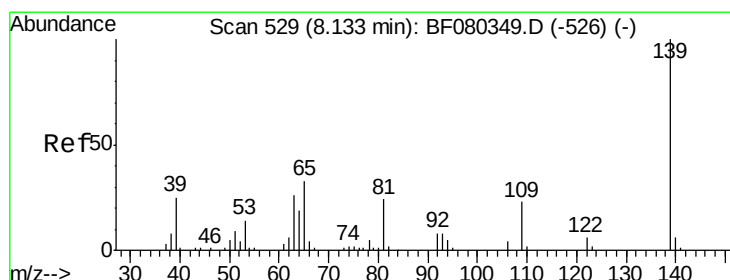
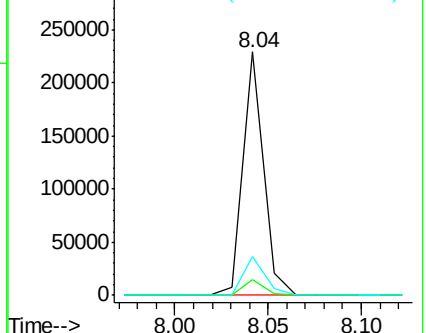
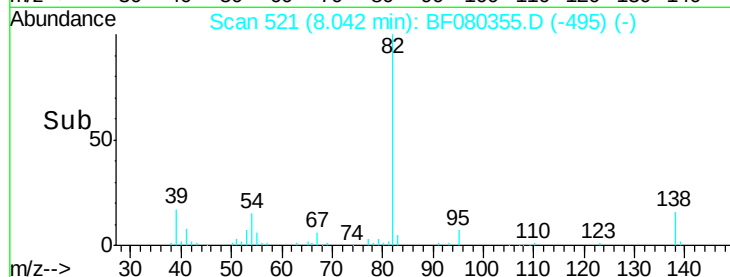
138 16.0 12.0 18.0



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: 38.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

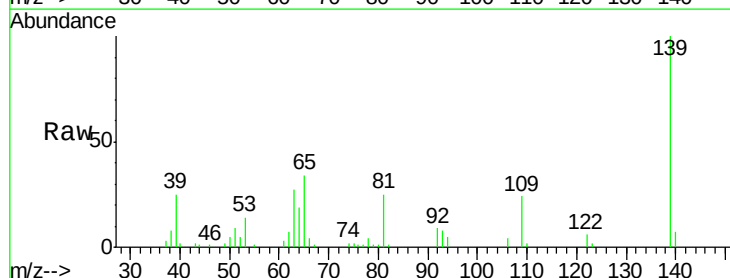
Tgt Ion: 139 Resp: 38777

Ion Ratio Lower Upper

139 100

109 23.7 18.4 27.6

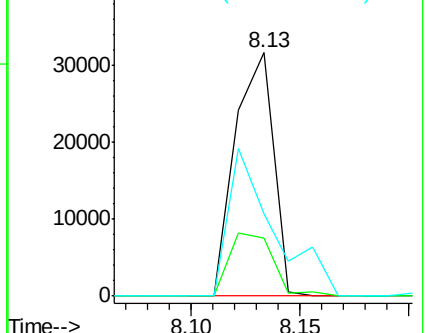
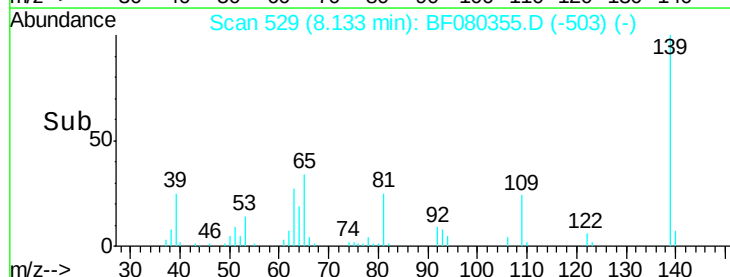
65 33.6 26.7 40.1

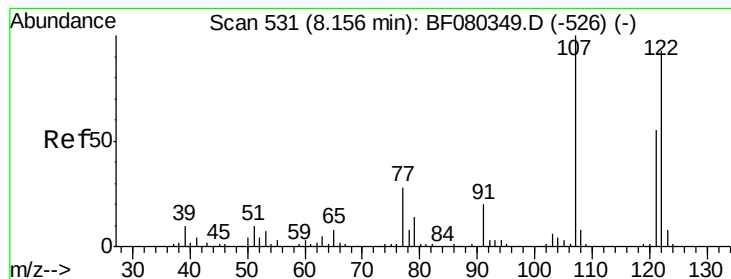


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

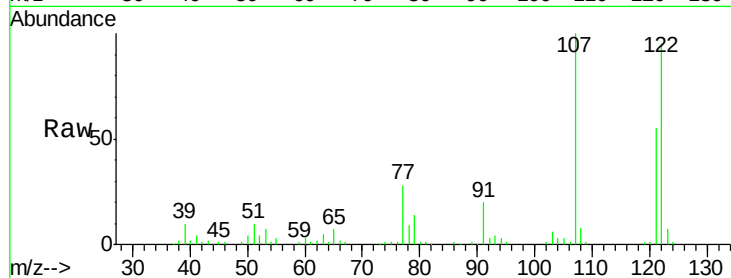




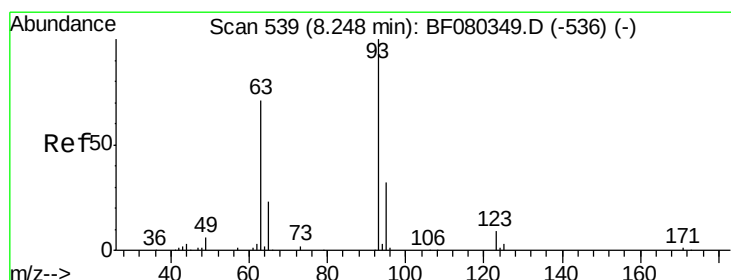
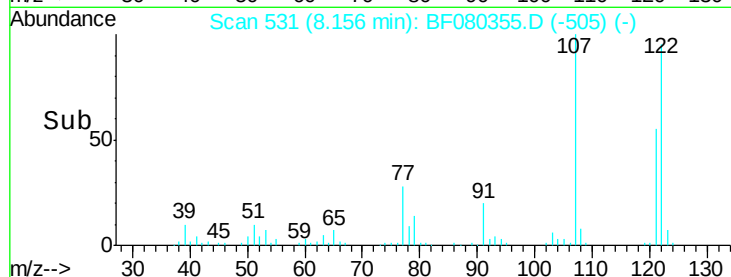
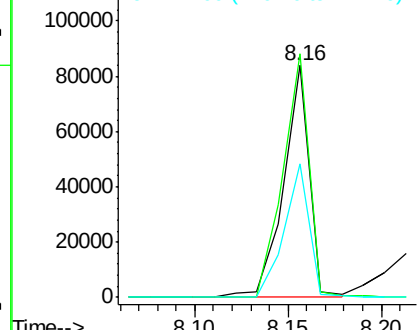
#27
 2,4-Dimethylphenol
 Concen: 40.14 ng
 RT: 8.16 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Tgt Ion: 122 Resp: 80587
 Ion Ratio Lower Upper
 122 100
 107 105.0 85.8 128.6
 121 57.7 46.9 70.3

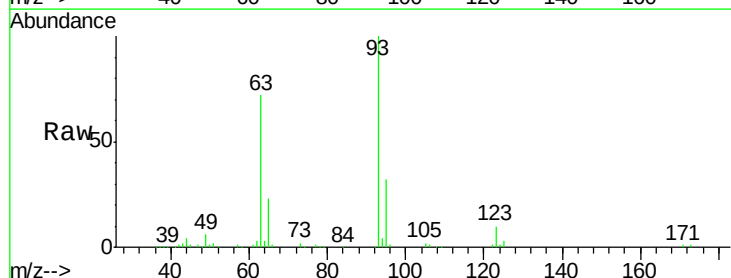


Abundance Ion 122.00 (121.70 to 122.70): E
 120000
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

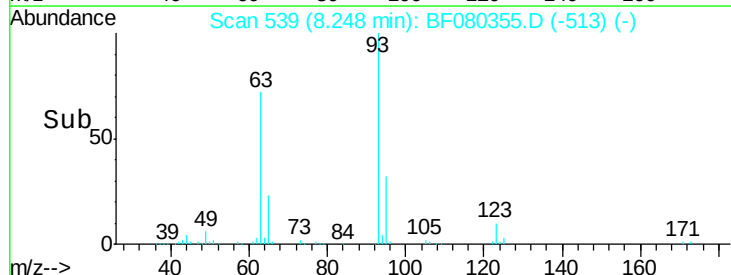
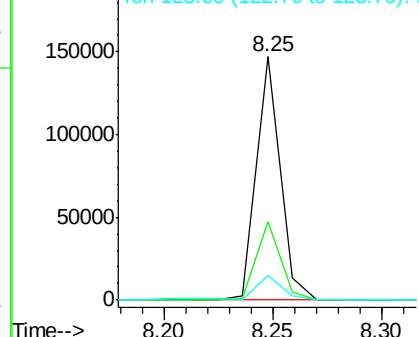


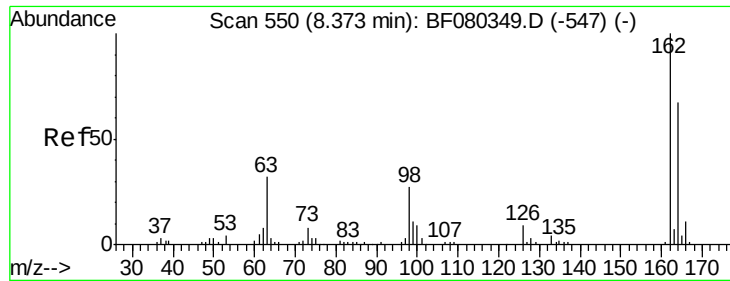
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.98 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion: 93 Resp: 112176
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.3 37.9
 123 10.2 7.8 11.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
 200000
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

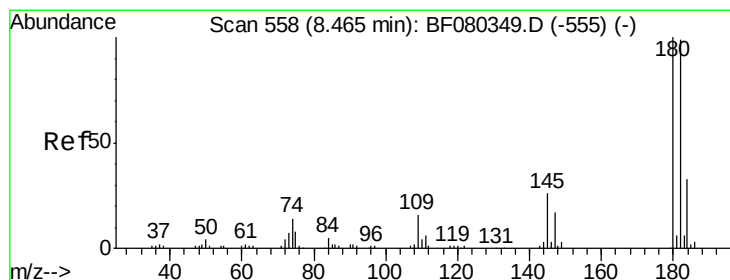
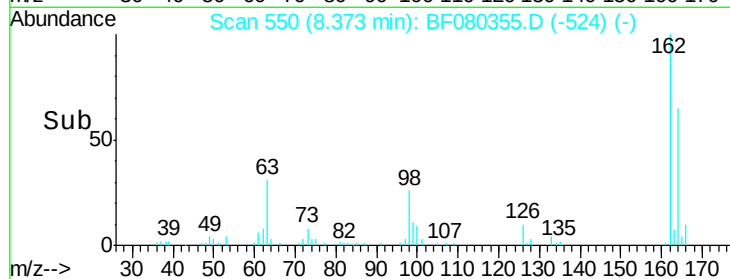
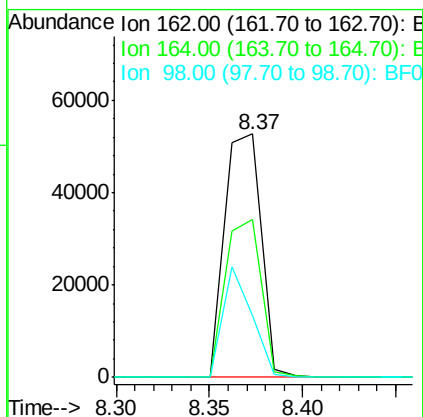
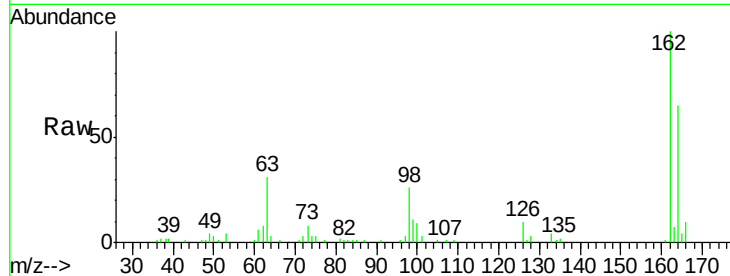




#29
 2,4-Dichlorophenol
 Concen: 40.70 ng
 RT: 8.37 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

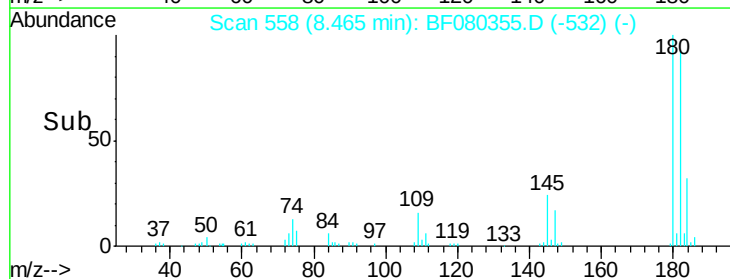
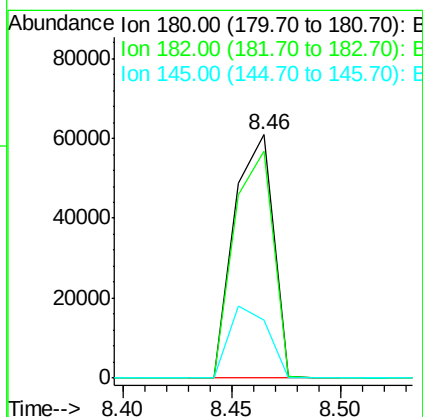
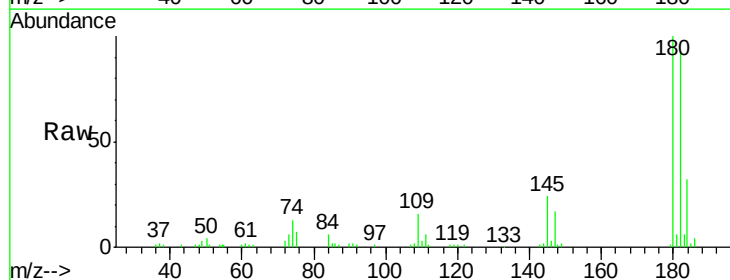
Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

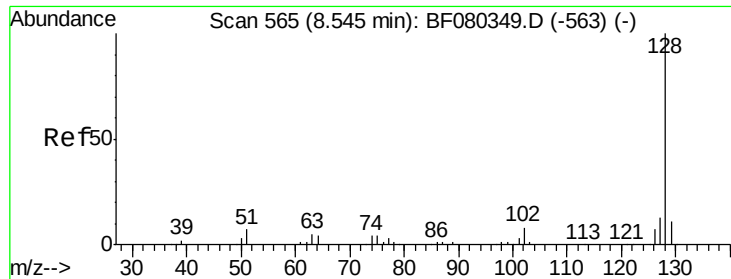
Tgt Ion:162 Resp: 72554
 Ion Ratio Lower Upper
 162 100
 164 64.6 47.0 87.0
 98 25.5 6.6 46.6



#30
 1,2,4-Trichlorobenzene
 Concen: 35.67 ng
 RT: 8.46 min Scan# 558
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion:180 Resp: 75558
 Ion Ratio Lower Upper
 180 100
 182 93.4 79.0 118.4
 145 23.9 20.5 30.7

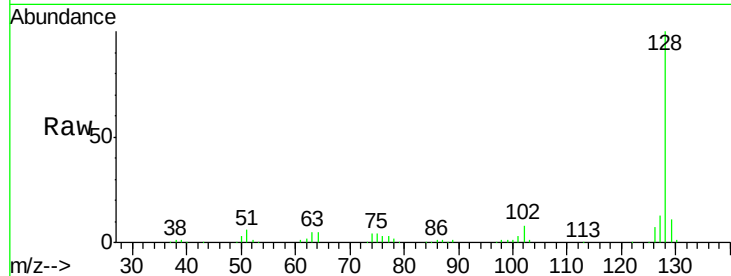




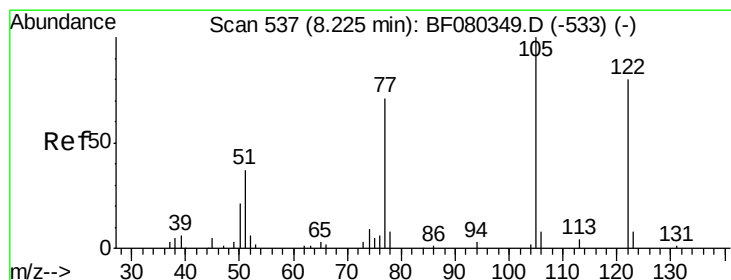
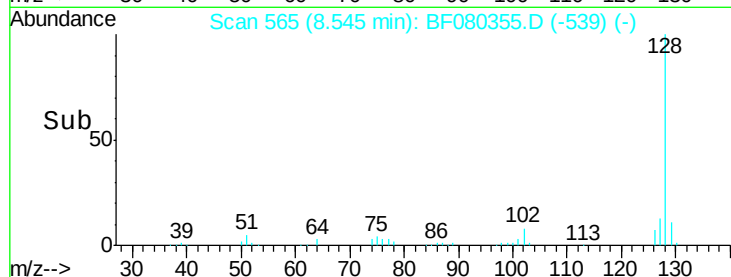
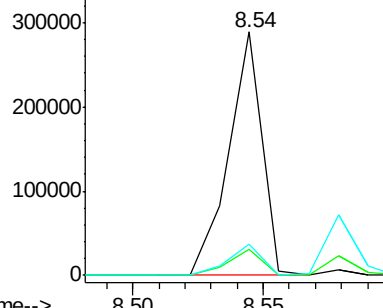
#31
Naphthalene
Concen: 36.83 ng
RT: 8.54 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

Tgt Ion:128 Resp: 258635
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.8 10.4 15.6

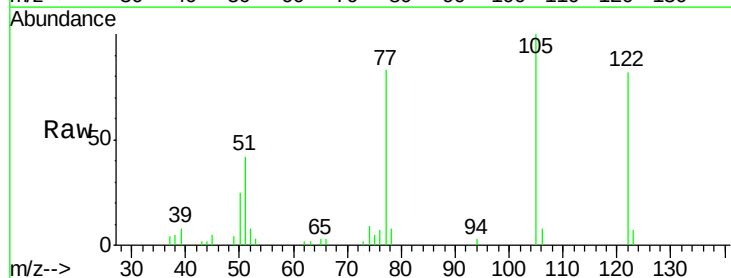


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

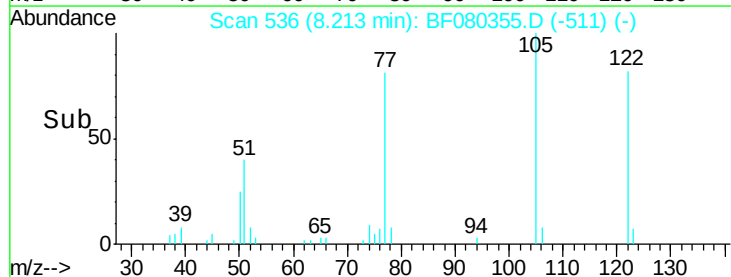
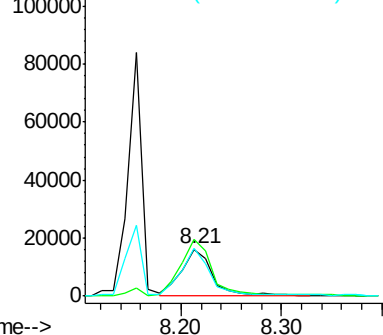


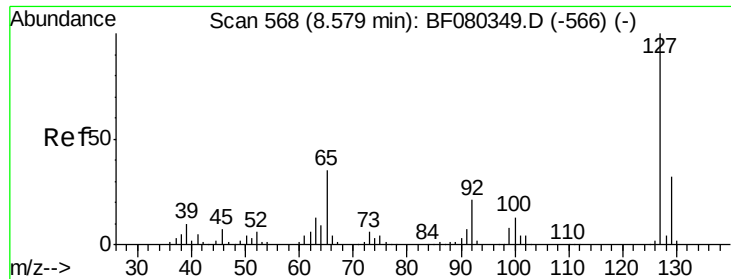
#32
Benzoic acid
Concen: 36.67 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion:122 Resp: 35973
Ion Ratio Lower Upper
122 100
105 122.3 102.2 142.2
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

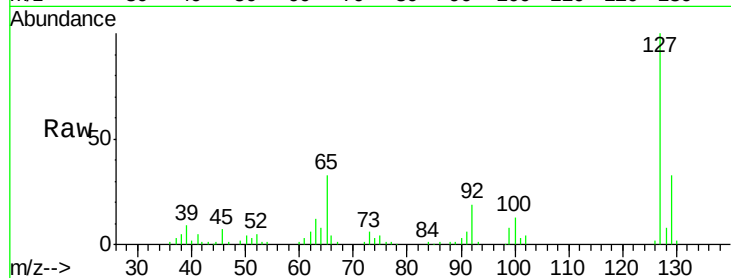




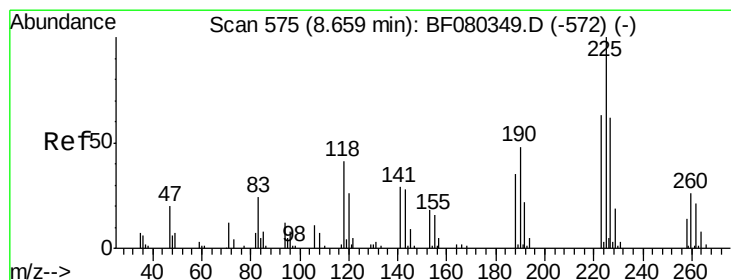
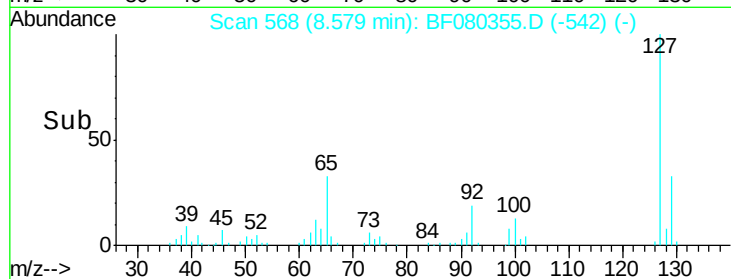
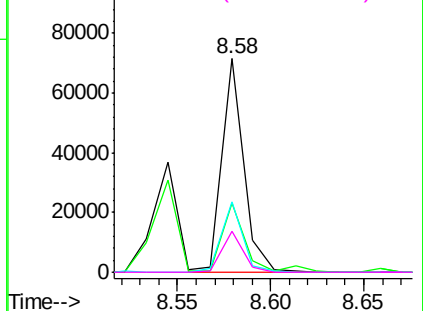
#33
4-Chloroaniline
Concen: 20.96 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

Tgt Ion:	127	Resp:	58660
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	32.7	28.1	42.1
92	18.9	16.6	24.8

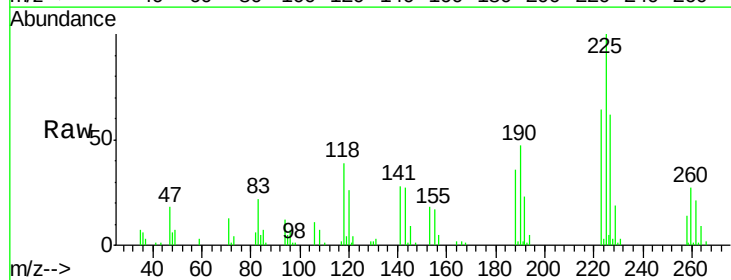


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

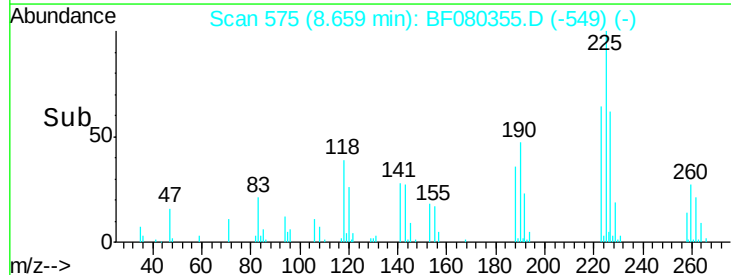
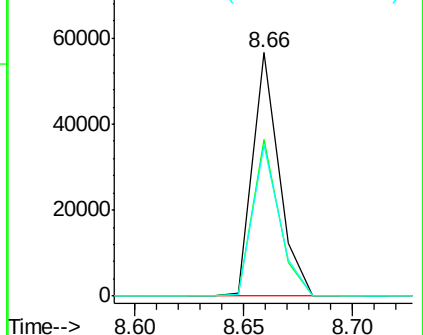


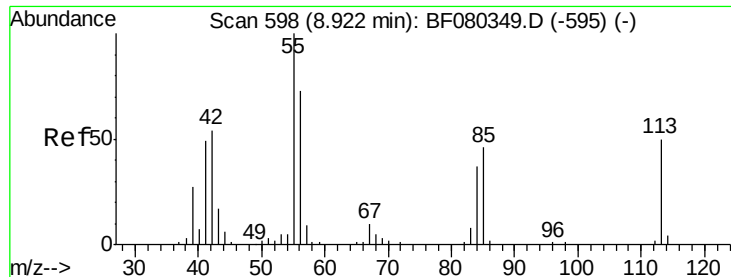
#34
Hexachlorobutadiene
Concen: 36.94 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion:	225	Resp:	47604
Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.3	75.5
227	62.0	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

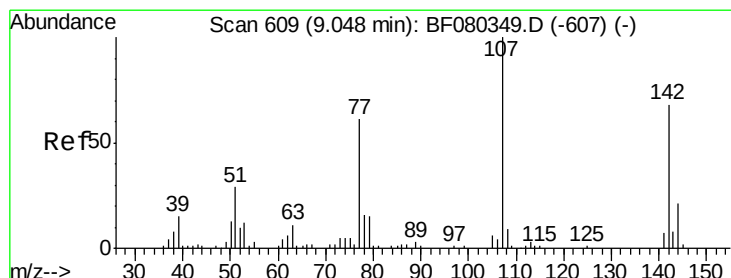
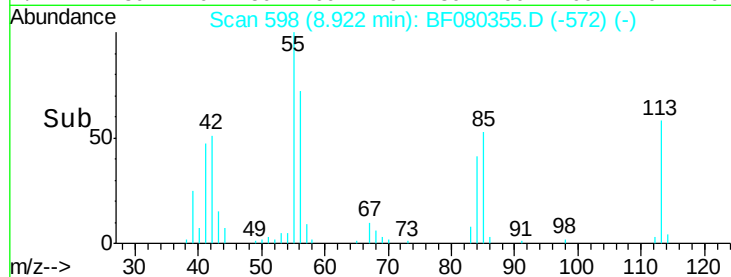
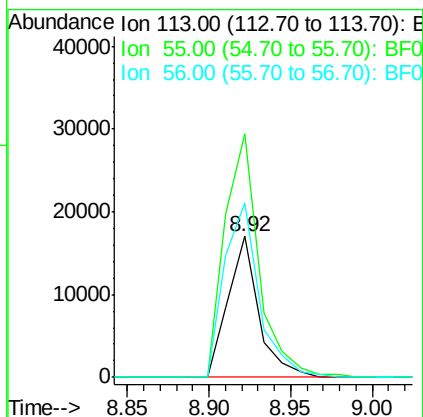
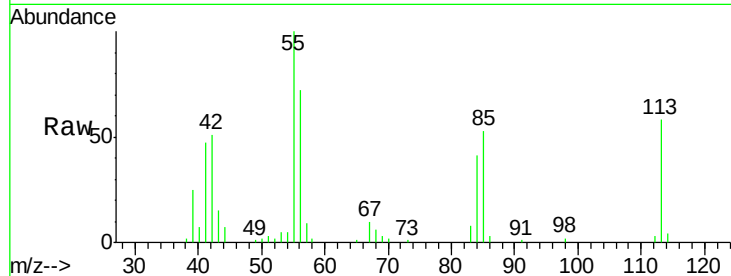




#35
 Caprolactam
 Concen: 40.10 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

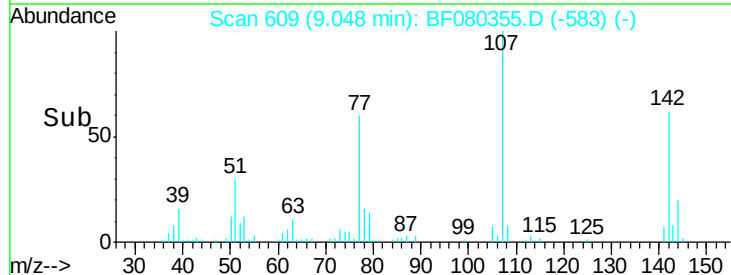
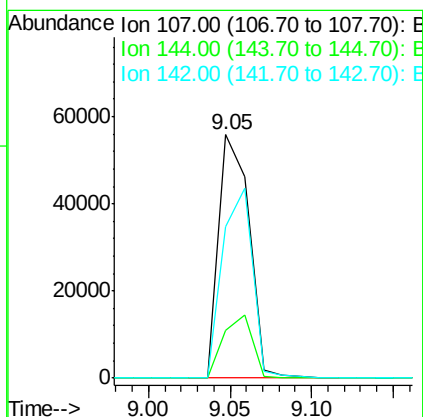
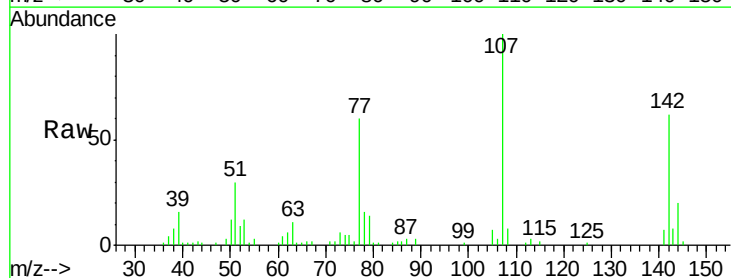
Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

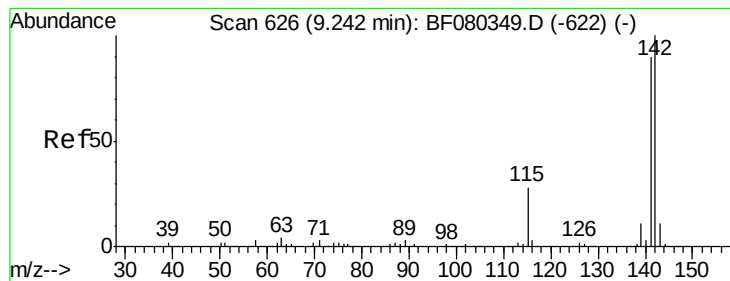
Tgt Ion:113 Resp: 22072
 Ion Ratio Lower Upper
 113 100
 55 173.0 181.4 221.4#
 56 124.1 127.3 167.3#



#36
 4-Chloro-3-methylphenol
 Concen: 39.16 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion:107 Resp: 72021
 Ion Ratio Lower Upper
 107 100
 144 19.6 16.7 25.1
 142 62.2 54.4 81.6





#37

2-Methylnaphthalene

Concen: 38.66 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB84373BS

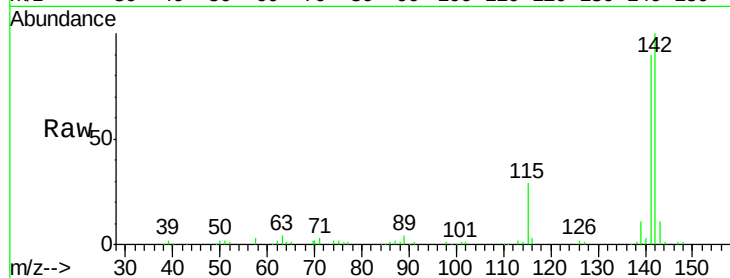
Tgt Ion:142 Resp: 173076

Ion Ratio Lower Upper

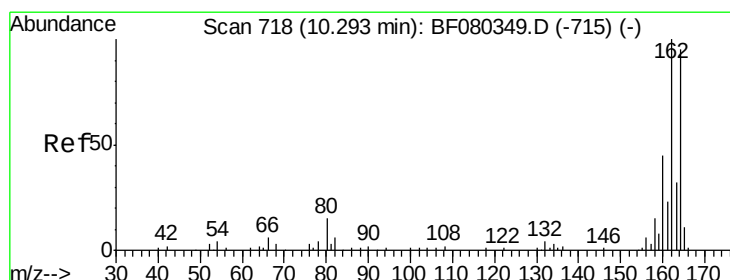
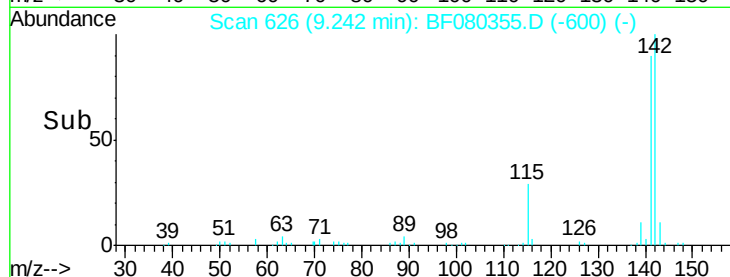
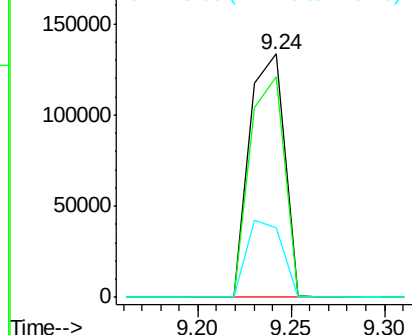
142 100

141 90.4 71.8 107.8

115 28.7 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: BF080355.D

Acq: 6 Jul 2015 20:22

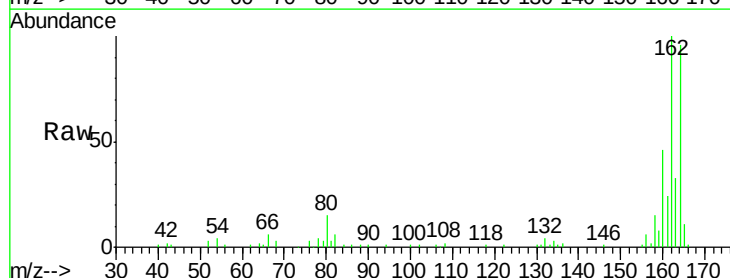
Tgt Ion:164 Resp: 65217

Ion Ratio Lower Upper

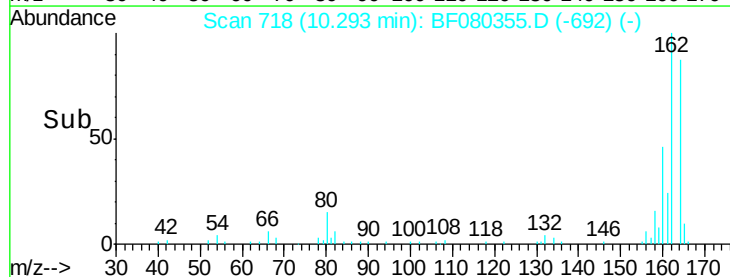
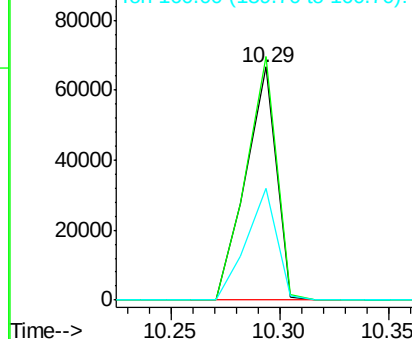
164 100

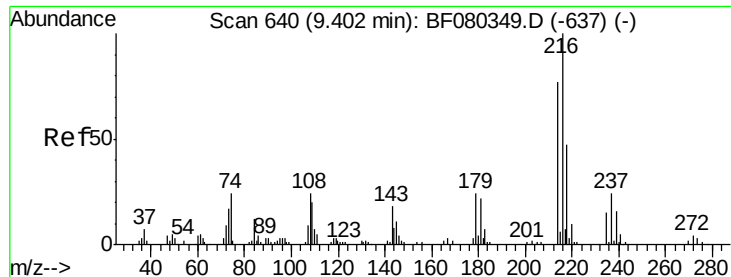
162 104.4 84.5 126.7

160 47.7 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: 37.71 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB84373BS

Tgt Ion:216 Resp: 77936

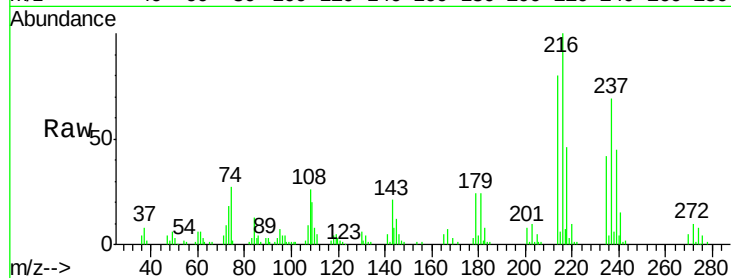
Ion Ratio Lower Upper

216 100

214 79.4 61.2 91.8

179 21.5 16.9 25.3

108 22.5 16.2 24.4

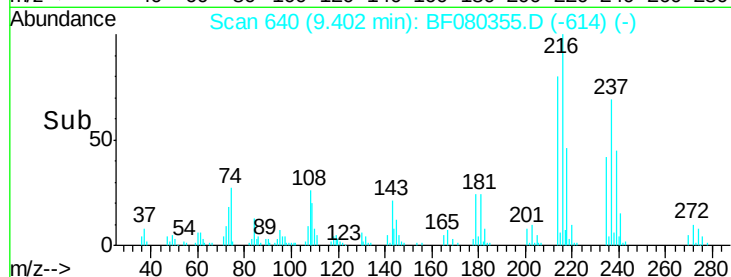


Abundance Ion 216.00 (215.70 to 216.70): E

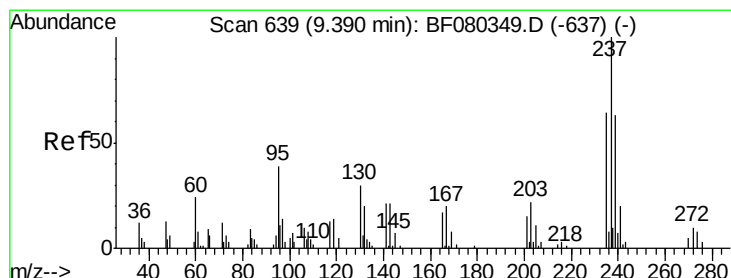
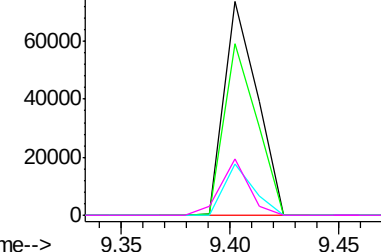
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 77.96 ng

RT: 9.40 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

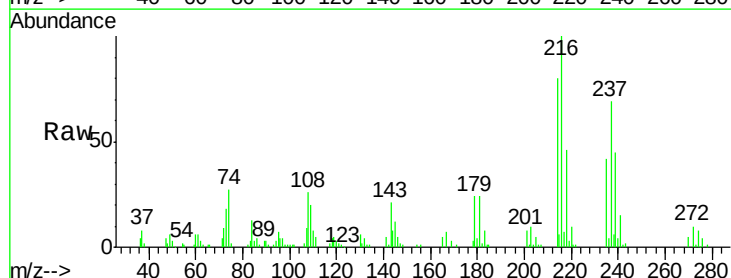
Tgt Ion:237 Resp: 66813

Ion Ratio Lower Upper

237 100

235 60.3 44.2 84.2

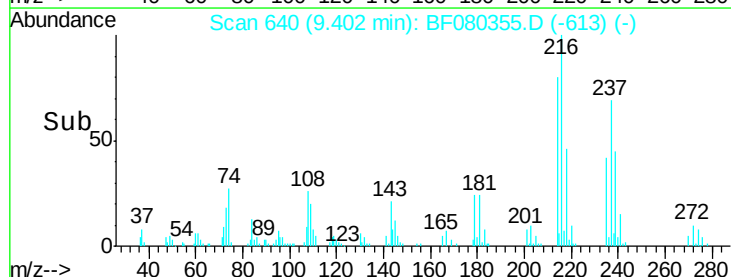
272 14.6 0.0 29.7



Abundance Ion 236.80 (236.50 to 237.50): E

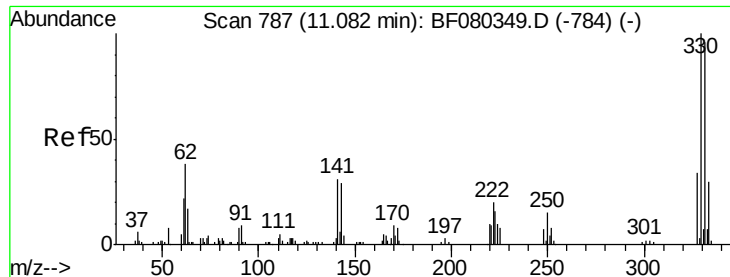
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

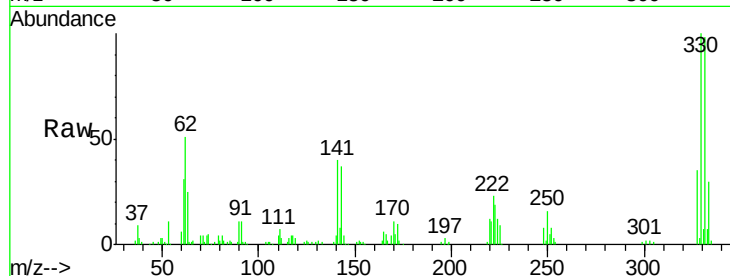




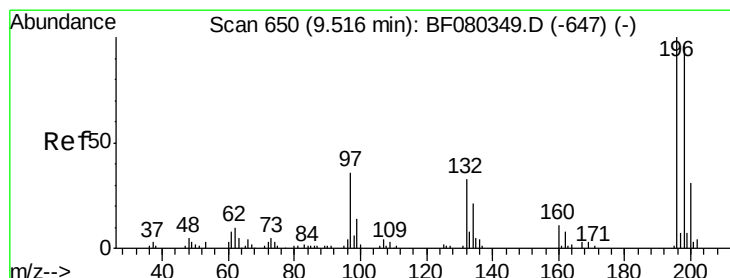
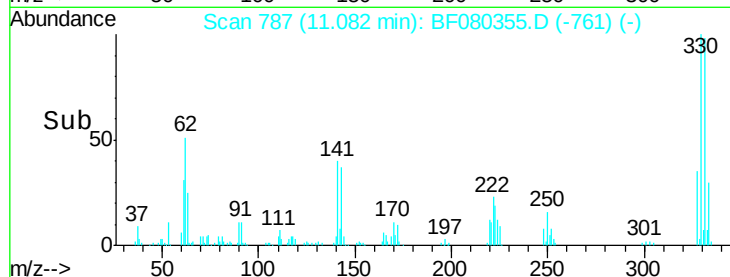
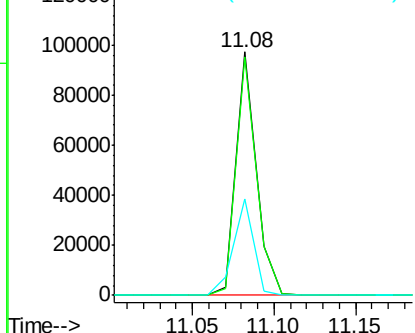
#41
 2,4,6-Tribromophenol
 Concen: 121.96 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Tgt Ion:330 Resp: 83229
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.4
 141 39.0 29.6 44.4

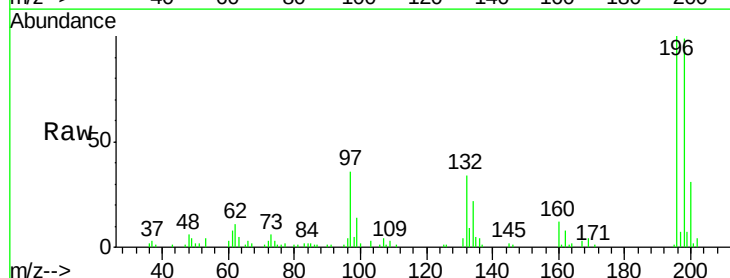


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

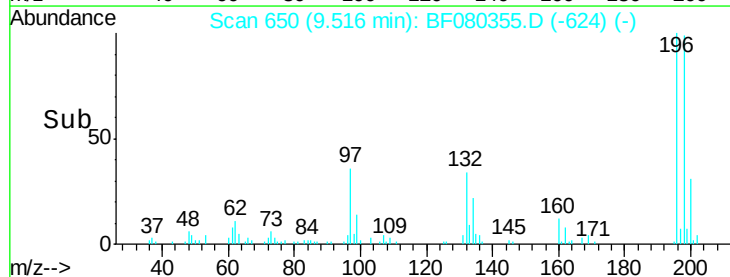
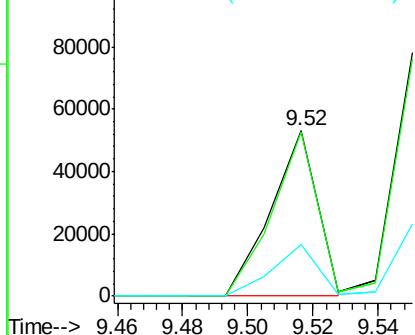


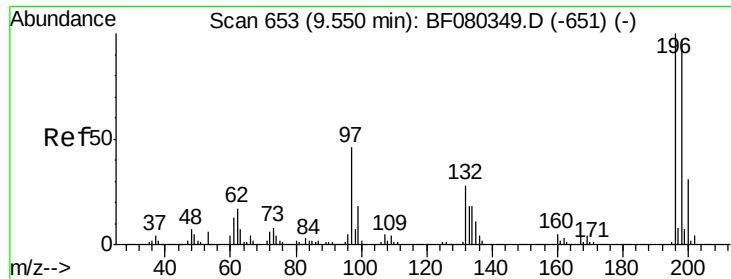
#42
 2,4,6-Trichlorophenol
 Concen: 38.41 ng
 RT: 9.52 min Scan# 650
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion:196 Resp: 52297
 Ion Ratio Lower Upper
 196 100
 198 99.1 76.4 114.6
 200 31.4 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

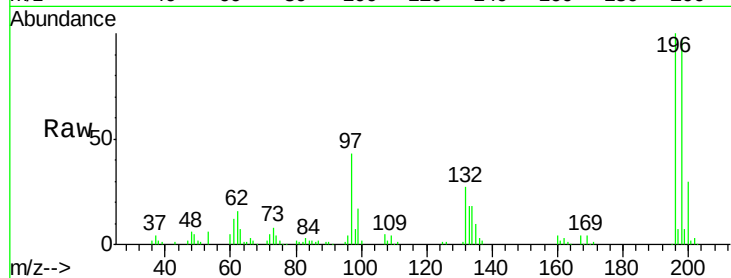




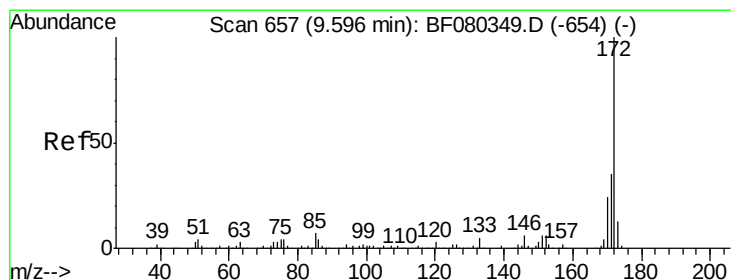
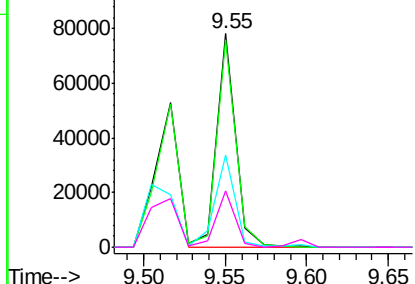
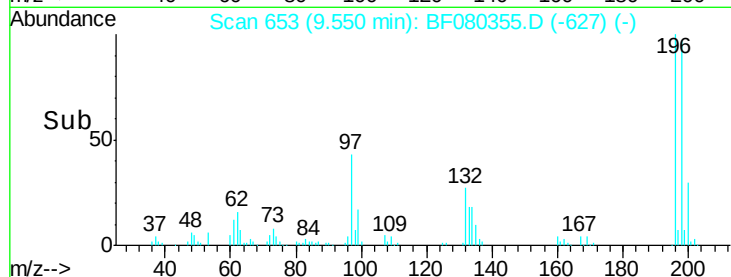
#43
 2,4,5-Trichlorophenol
 Concen: 39.63 ng
 RT: 9.55 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Tgt Ion:196 Resp: 62902
 Ion Ratio Lower Upper
 196 100
 198 97.2 77.2 115.8
 97 43.0 37.0 55.6
 132 26.6 22.2 33.2

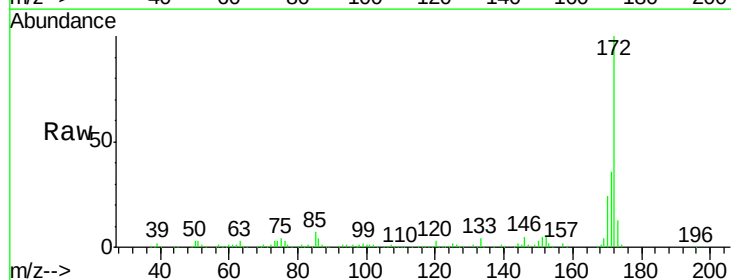


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

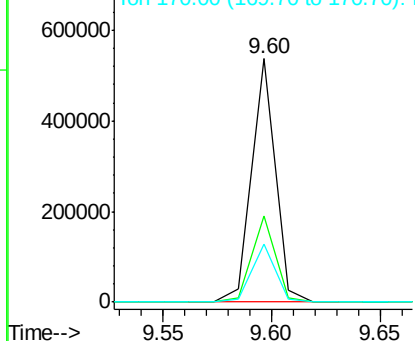
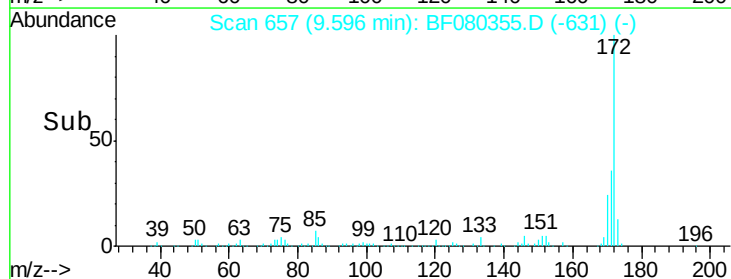


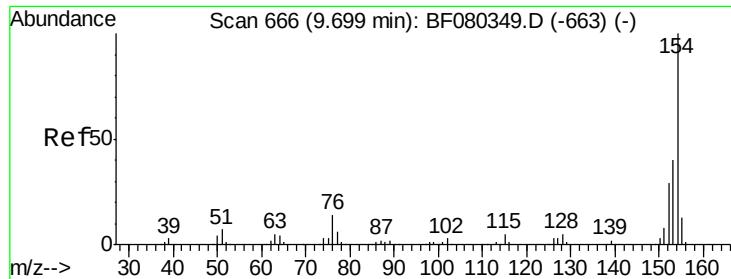
#44
 2-Fluorobiphenyl
 Concen: 84.26 ng
 RT: 9.60 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion:172 Resp: 407198
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.3 42.5
 170 23.7 19.1 28.7



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

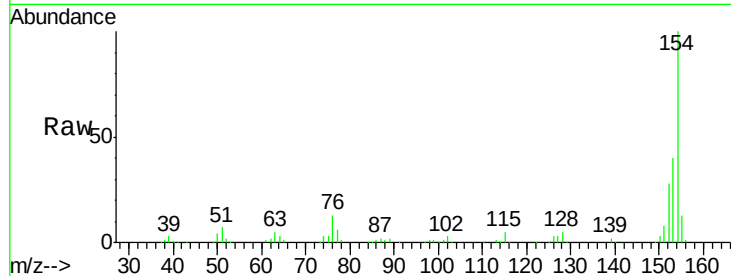




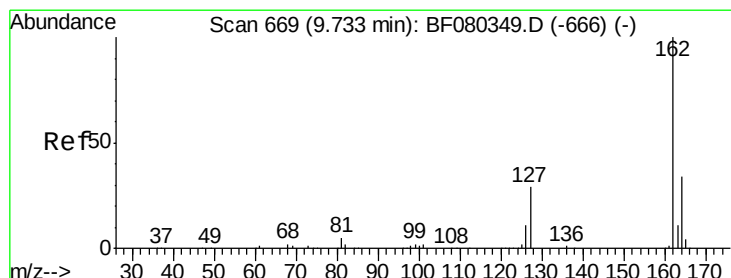
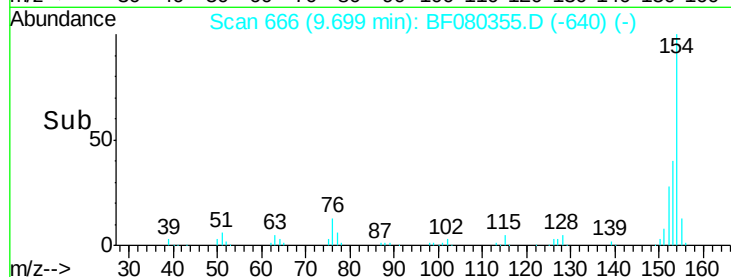
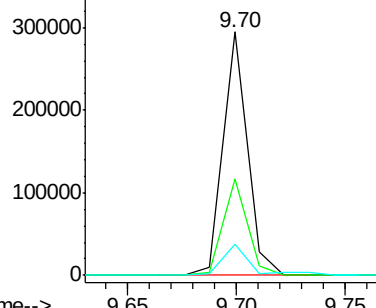
#45
 1,1'-Biphenyl
 Concen: 39.55 ng
 RT: 9.70 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Tgt Ion:	154	Resp:	228943
Ion Ratio	Lower	Upper	
154	100		
153	39.5	19.8	59.8
76	13.0	0.0	33.6

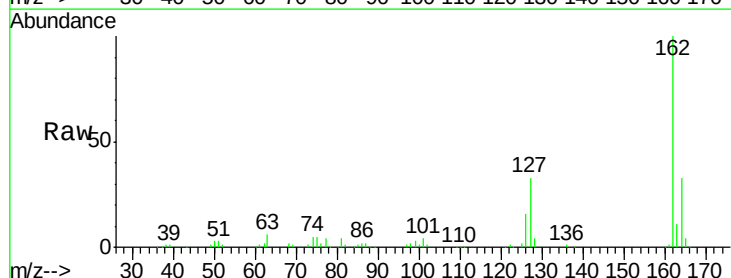


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

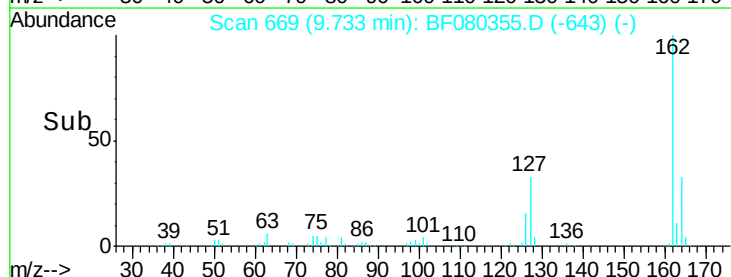
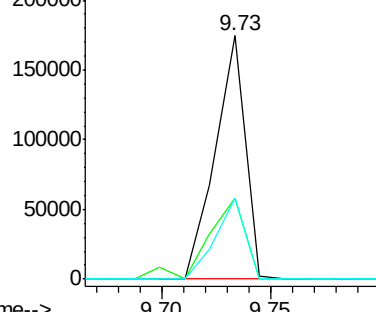


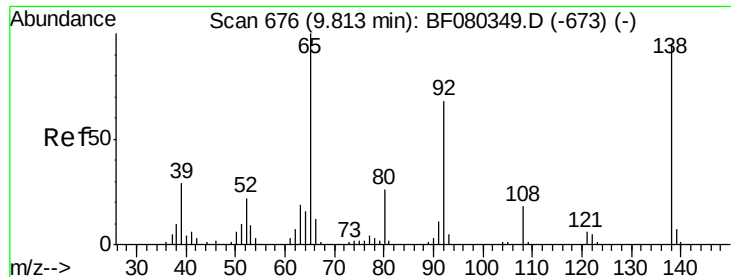
#46
 2-Chloronaphthalene
 Concen: 37.94 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion:	162	Resp:	167456
Ion Ratio	Lower	Upper	
162	100		
127	33.5	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

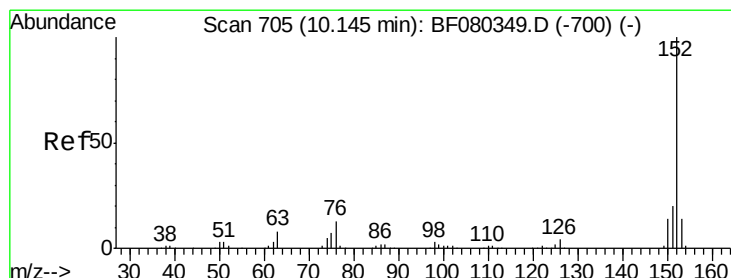
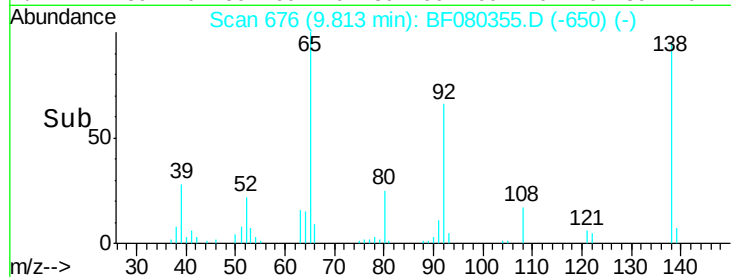
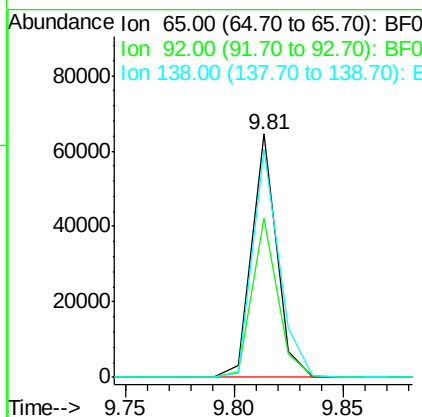
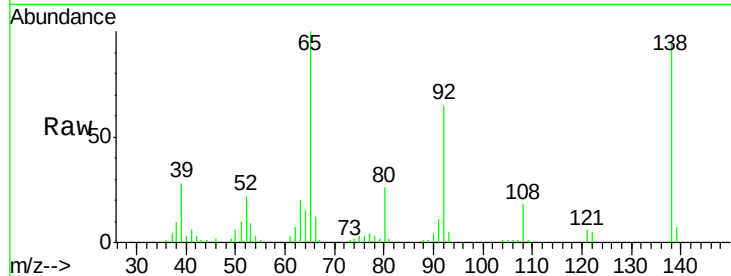




#47
 2-Nitroaniline
 Concen: 41.38 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

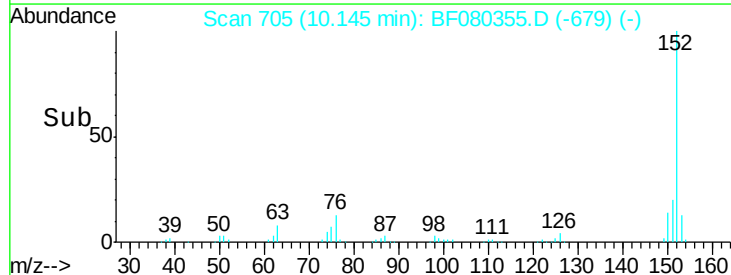
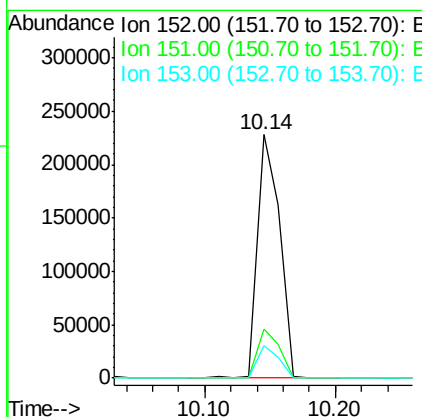
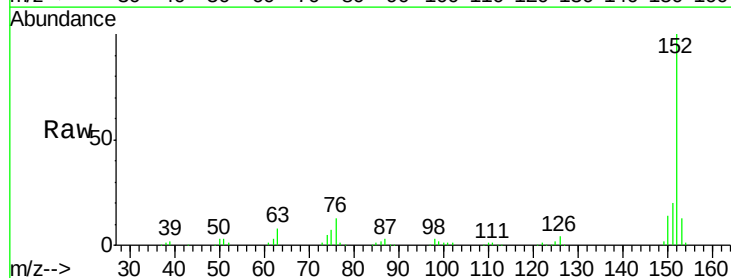
Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

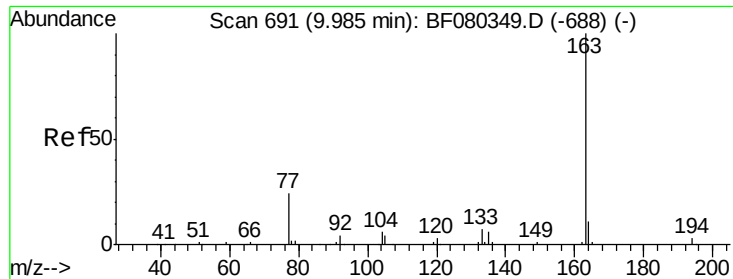
Tgt Ion: 65 Resp: 51101
 Ion Ratio Lower Upper
 65 100
 92 65.2 54.2 81.2
 138 94.0 76.1 114.1



#48
 Acenaphthylene
 Concen: 36.85 ng
 RT: 10.14 min Scan# 705
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion: 152 Resp: 270732
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.3 24.5
 153 13.1 11.0 16.4

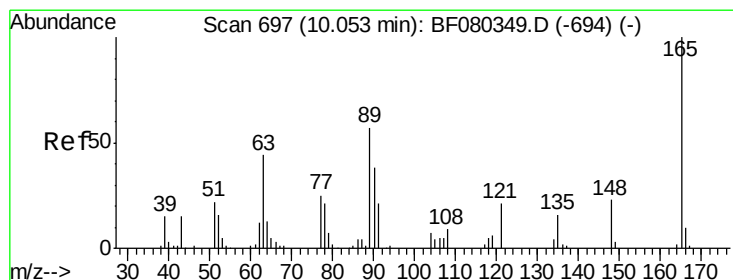
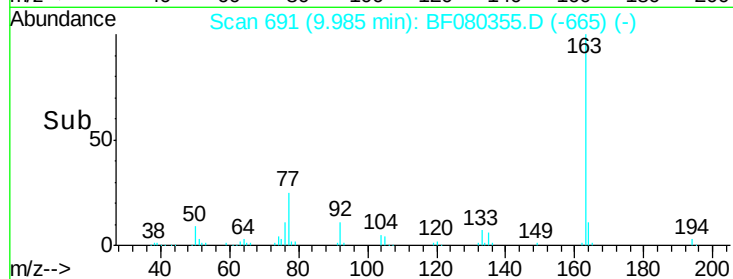
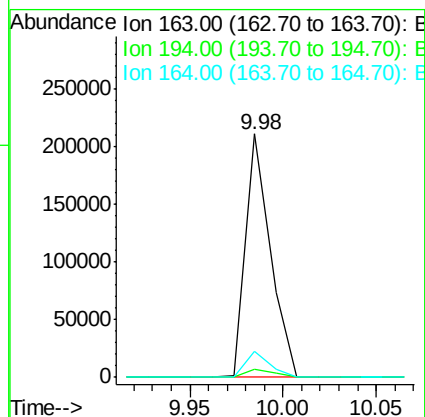
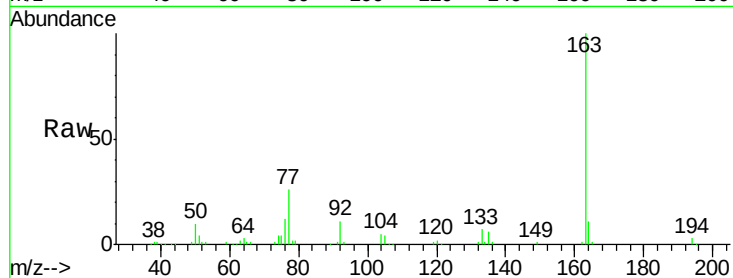




#49
Dimethylphthalate
Concen: 37.46 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

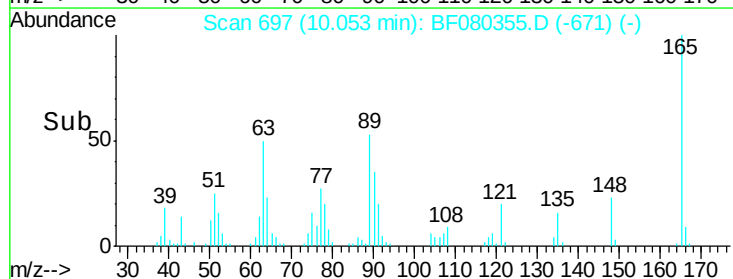
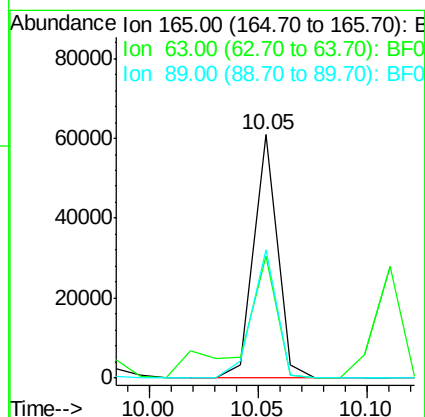
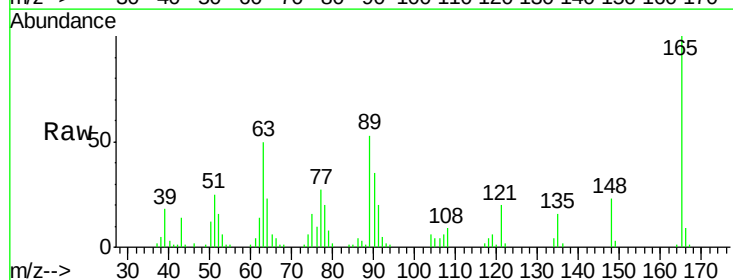
Instrument :
BNA_F
ClientSampleId :
PB84373BS

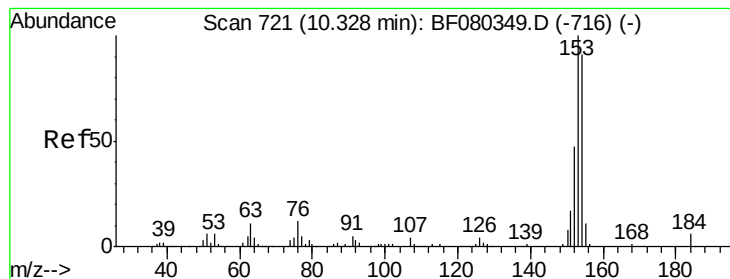
Tgt Ion:163 Resp: 196155
Ion Ratio Lower Upper
163 100
194 3.1 2.6 3.8
164 10.9 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 42.23 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion:165 Resp: 46225
Ion Ratio Lower Upper
165 100
63 50.0 44.8 67.2
89 52.8 45.9 68.9





#51

Acenaphthene

Concen: 40.13 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB84373BS

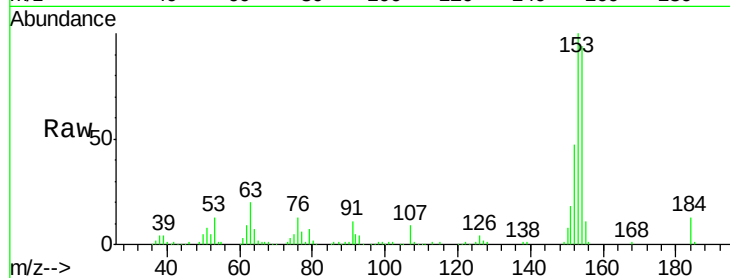
Tgt Ion:154 Resp: 176491

Ion Ratio Lower Upper

154 100

153 106.3 88.1 132.1

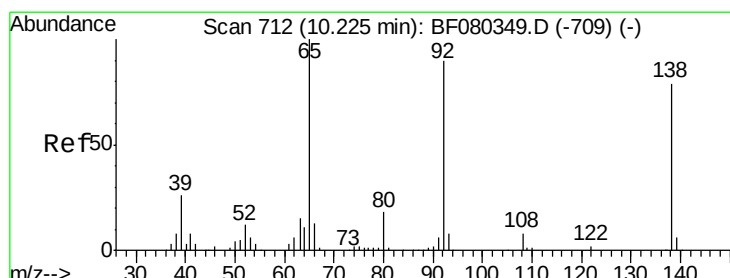
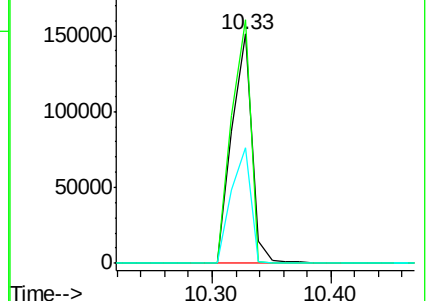
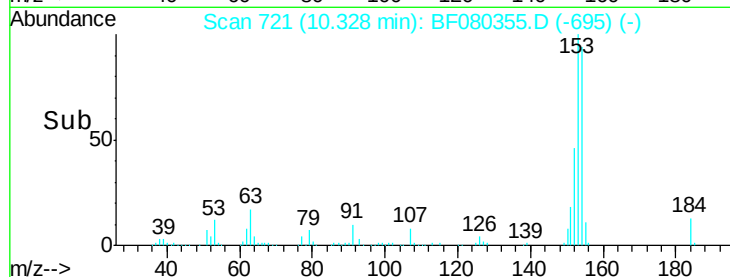
152 50.3 41.8 62.6



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: 25.26 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

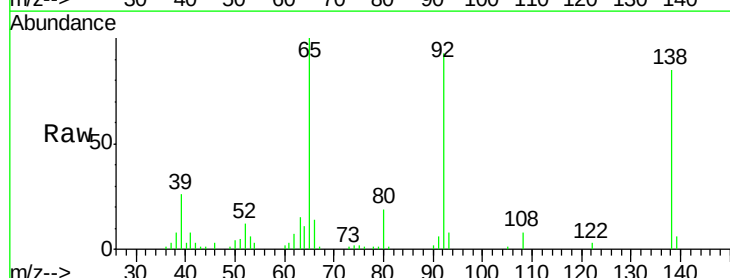
Tgt Ion:138 Resp: 31157

Ion Ratio Lower Upper

138 100

108 9.6 7.8 11.8

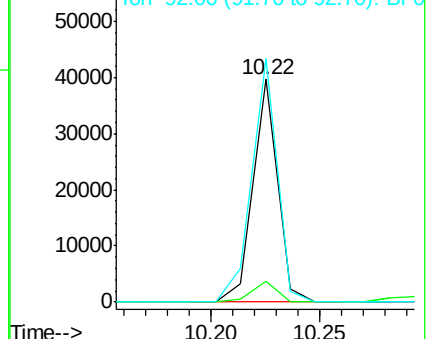
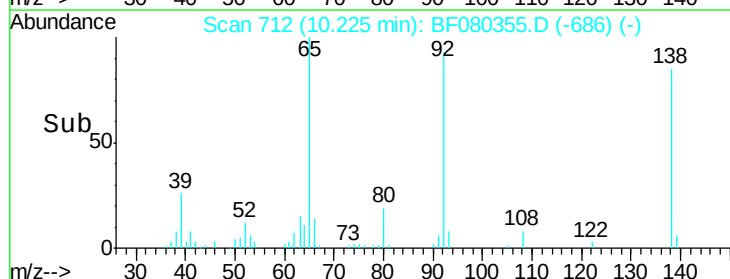
92 109.1 91.0 136.6

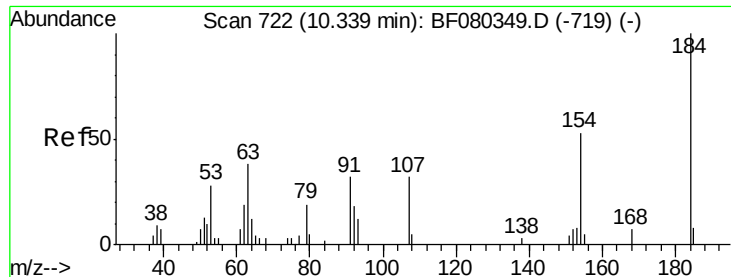


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

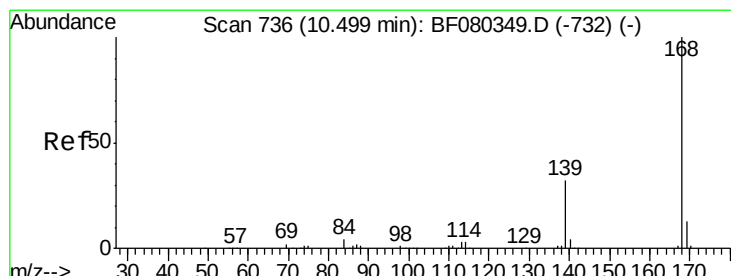
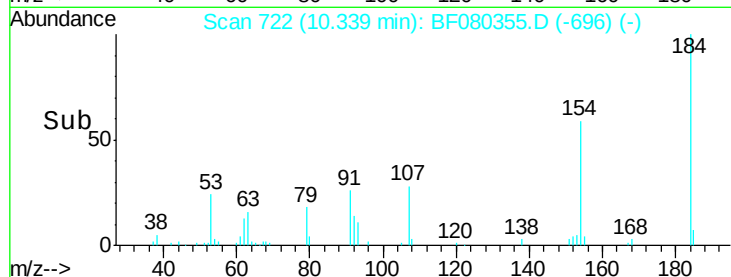
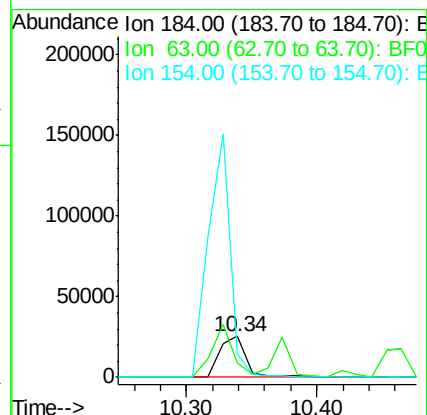
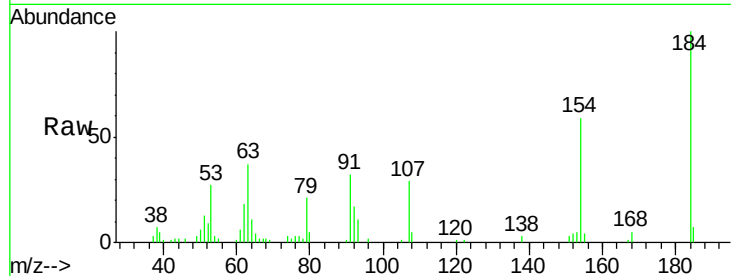




#53
2,4-Dinitrophenol
Concen: 75.45 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

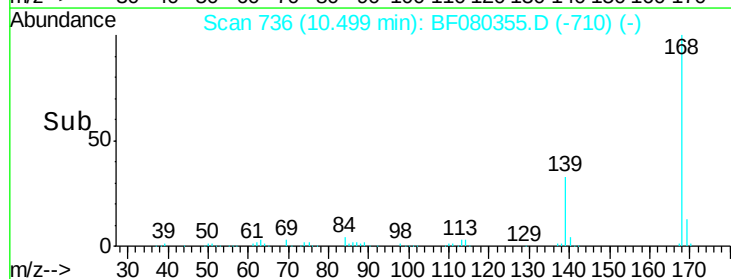
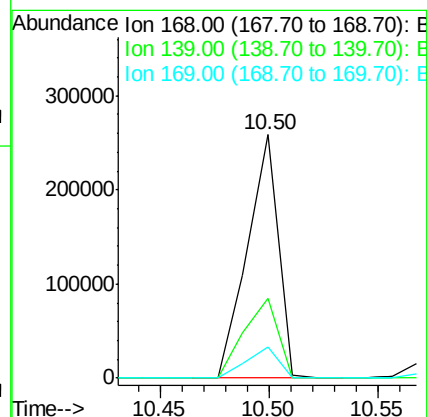
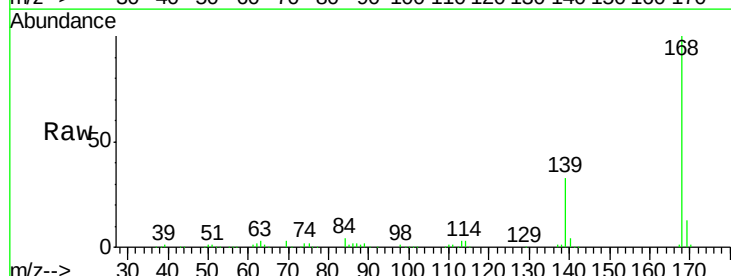
Instrument :
BNA_F
ClientSampleId :
PB84373BS

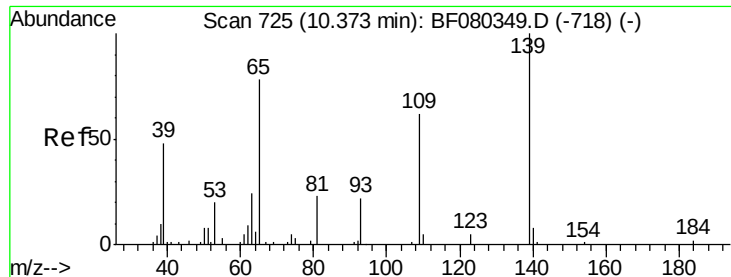
Tgt Ion:184 Resp: 35711
Ion Ratio Lower Upper
184 100
63 36.5 30.6 46.0
154 58.6 45.3 67.9



#54
Dibenzofuran
Concen: 40.70 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion:168 Resp: 254463
Ion Ratio Lower Upper
168 100
139 33.0 25.9 38.9
169 12.8 10.3 15.5

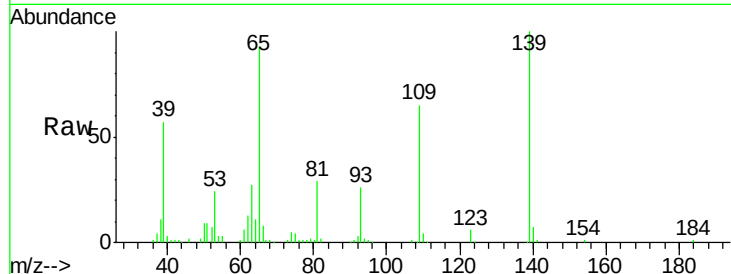




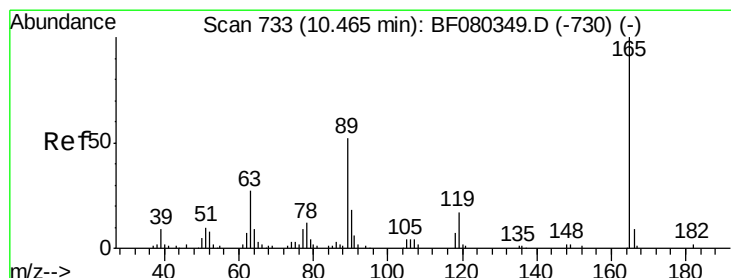
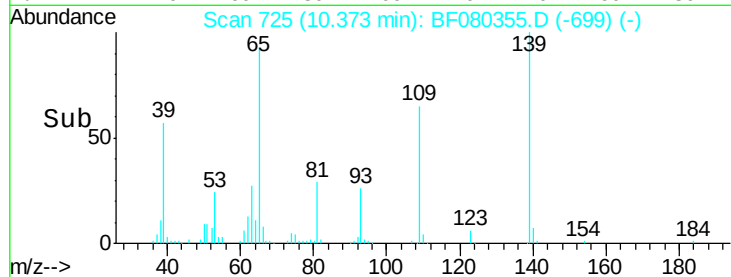
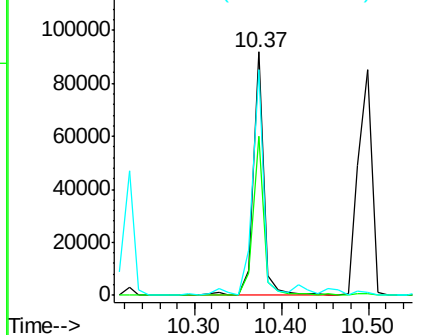
#55
4-Nitrophenol
Concen: 88.05 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampled :
PB84373BS

Tgt Ion:139 Resp: 79612
Ion Ratio Lower Upper
139 100
109 65.2 42.3 82.3
65 92.9 58.5 98.5



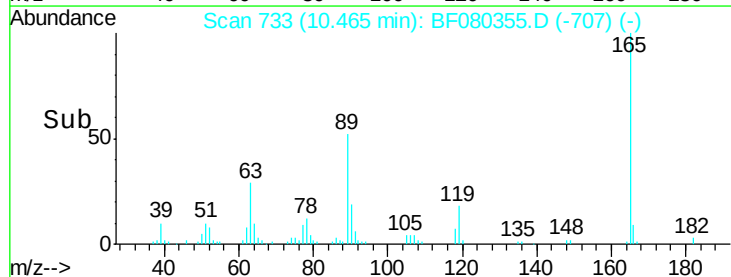
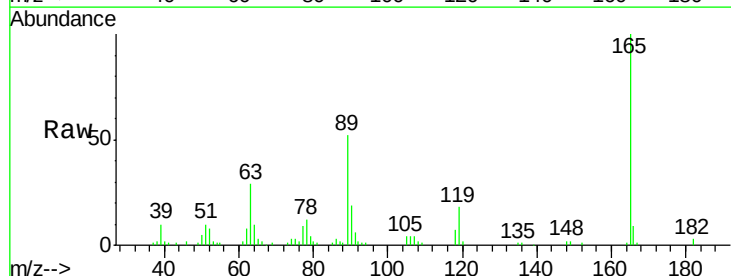
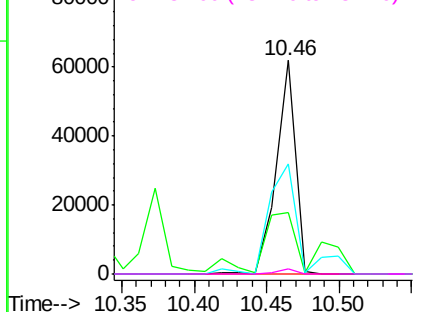
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

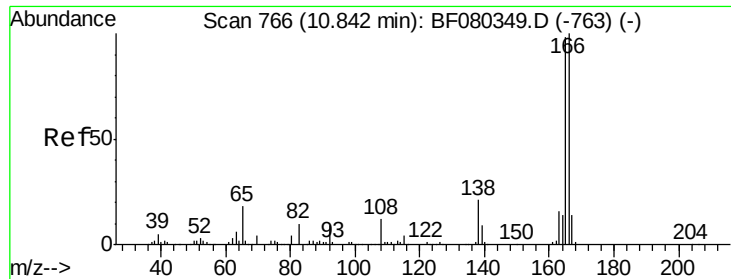


#56
2,4-Dinitrotoluene
Concen: 40.38 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion:165 Resp: 56848
Ion Ratio Lower Upper
165 100
63 28.6 21.8 32.8
89 51.8 41.3 61.9
182 2.6 1.8 2.6

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
Ion 182.00 (181.70 to 182.70): E

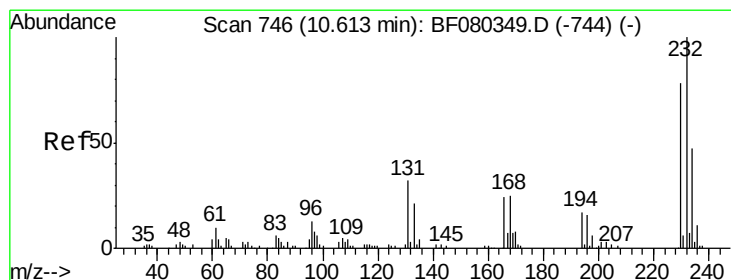
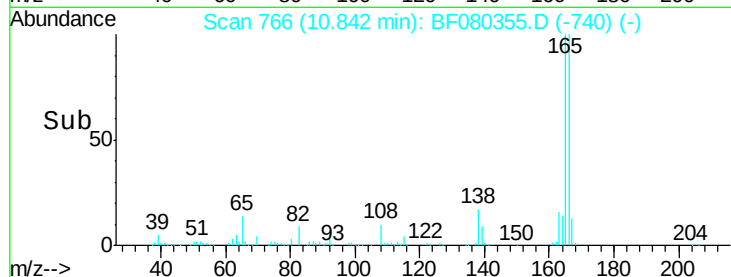
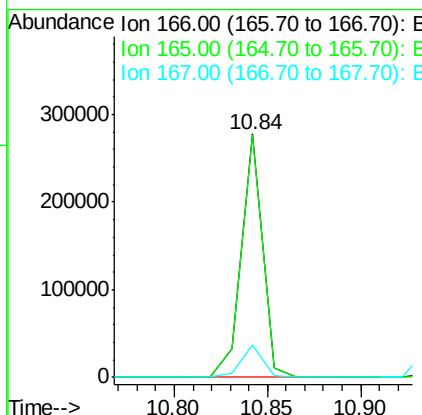
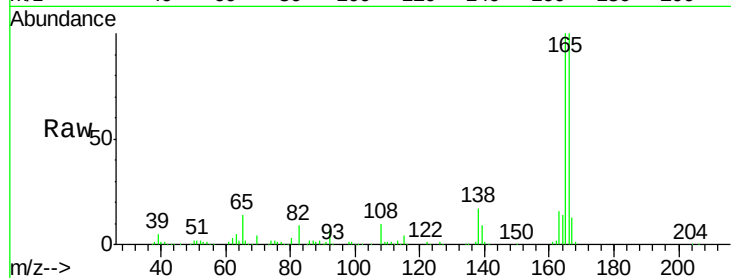




#57
 Fluorene
 Concen: 41.16 ng
 RT: 10.84 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

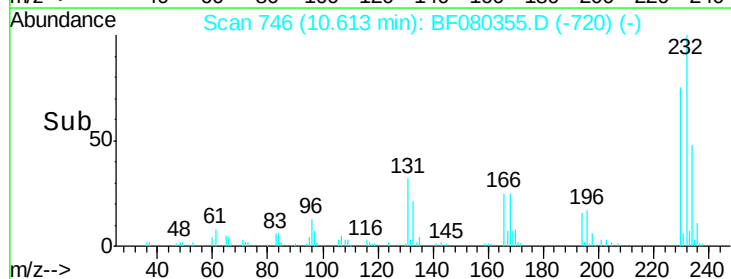
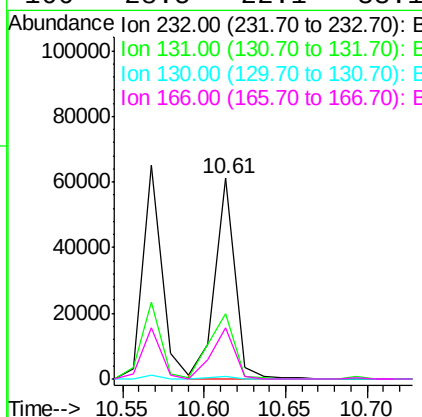
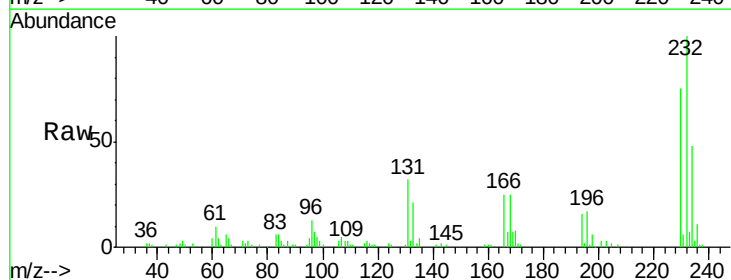
Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

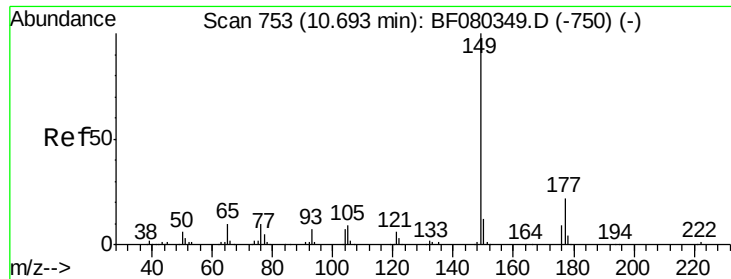
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.6	117.8
167	13.4	10.8	16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.50 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.1	33.4	50.2
130	1.7	1.8	2.6
166	28.5	22.1	33.1

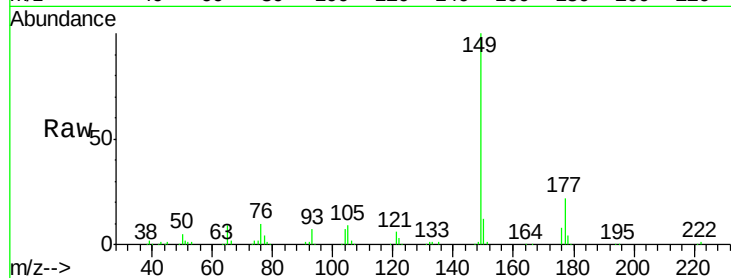




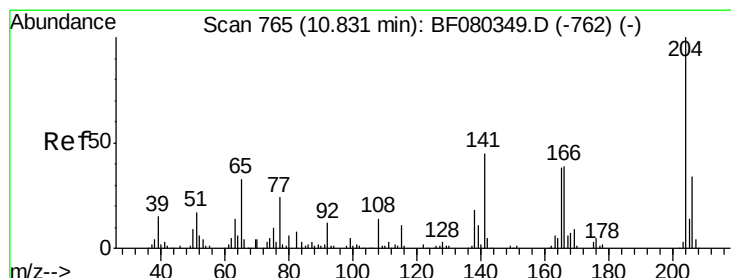
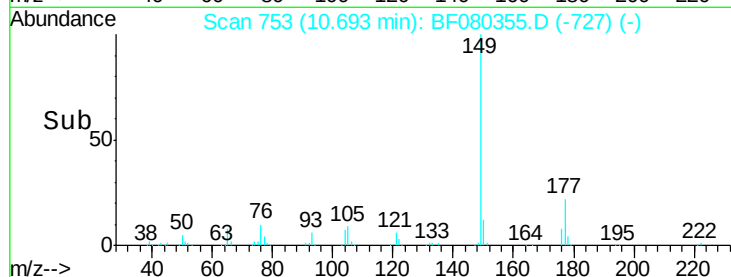
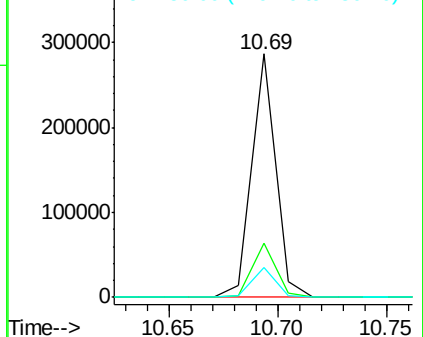
#59
Diethylphthalate
Concen: 41.90 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

Tgt Ion:149 Resp: 219130
Ion Ratio Lower Upper
149 100
177 22.0 17.6 26.4
150 12.2 10.0 15.0

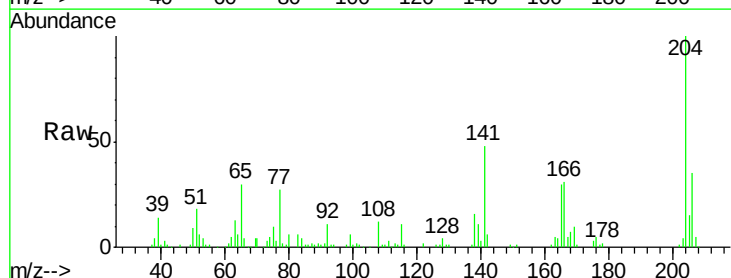


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

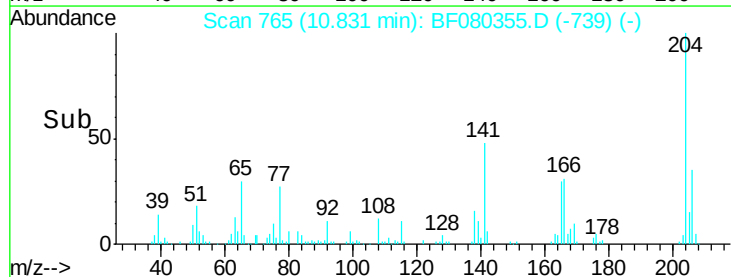
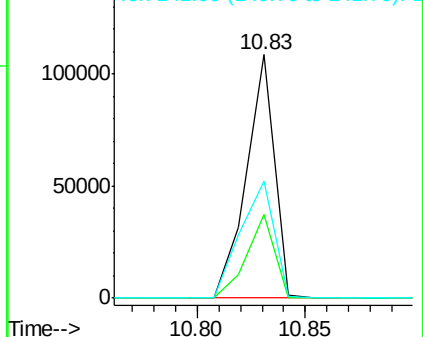


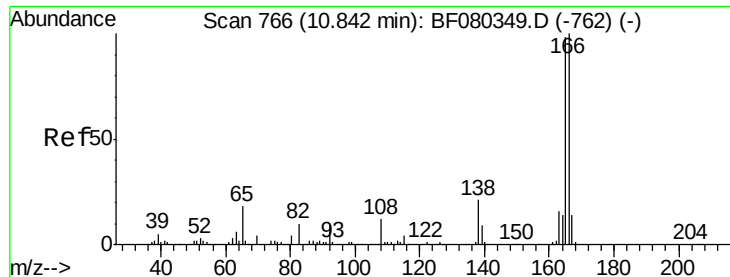
#60
4-Chlorophenyl-phenylether
Concen: 40.70 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion:204 Resp: 96976
Ion Ratio Lower Upper
204 100
206 34.5 27.2 40.8
141 48.1 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

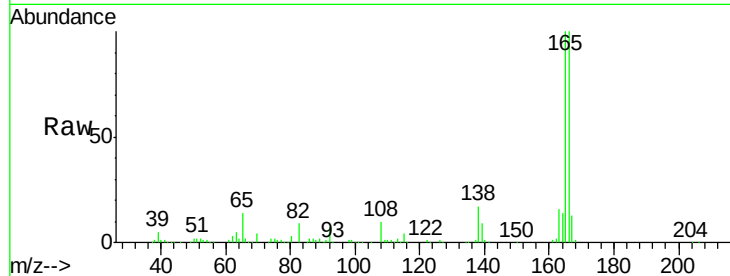




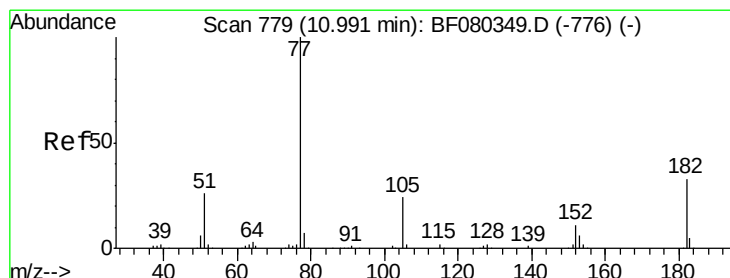
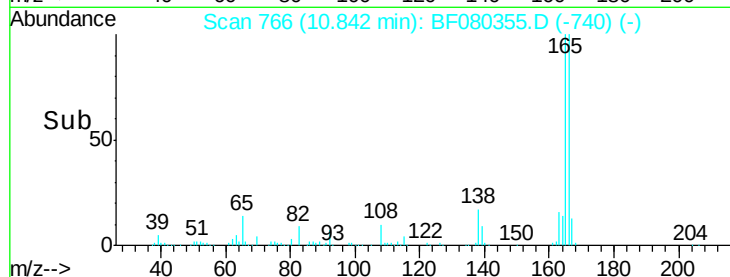
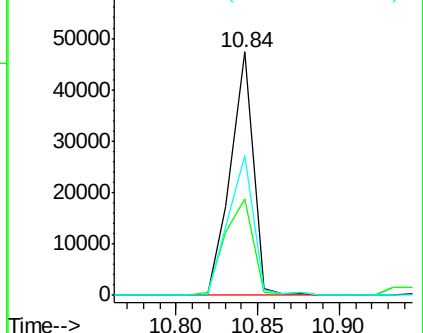
#61
4-Nitroaniline
Concen: 38.20 ng
RT: 10.84 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

Tgt Ion:138 Resp: 45746
Ion Ratio Lower Upper
138 100
92 39.6 21.0 61.0
108 57.5 38.4 78.4

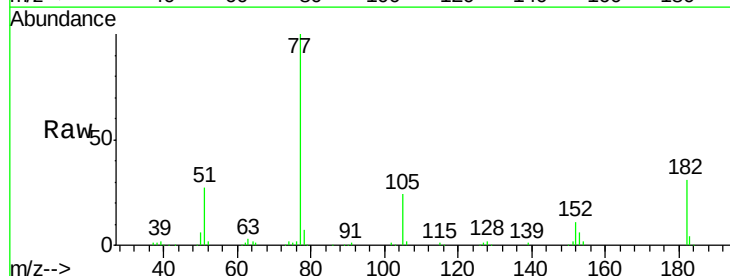


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

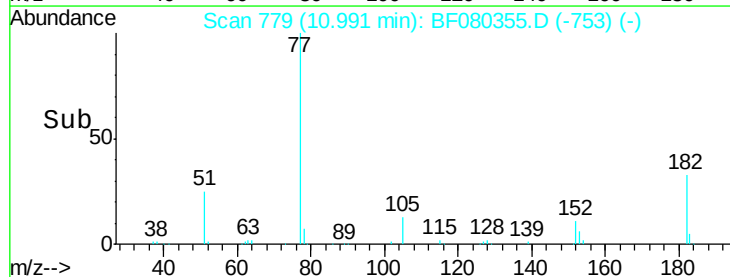
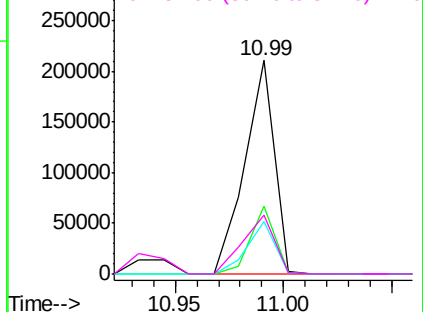


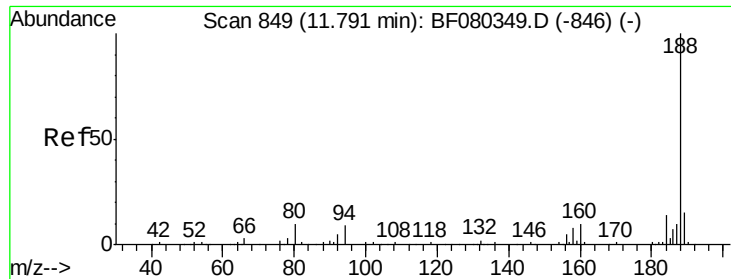
#62
Azobenzene
Concen: 39.94 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion: 77 Resp: 198396
Ion Ratio Lower Upper
77 100
182 31.5 13.2 53.2
105 24.4 4.3 44.3
51 27.3 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

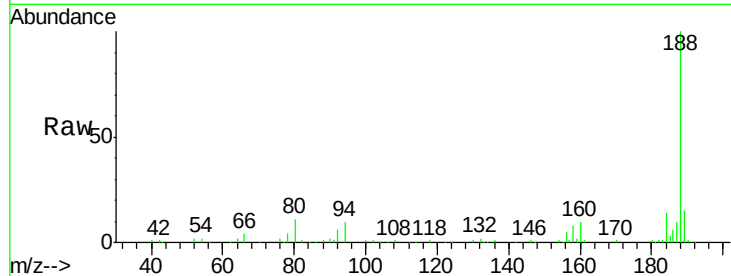




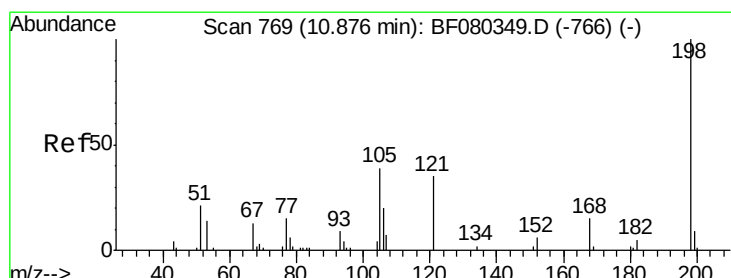
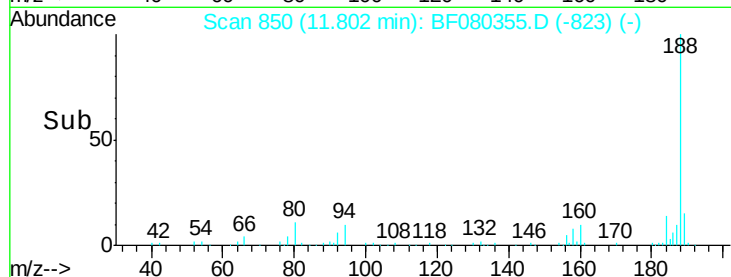
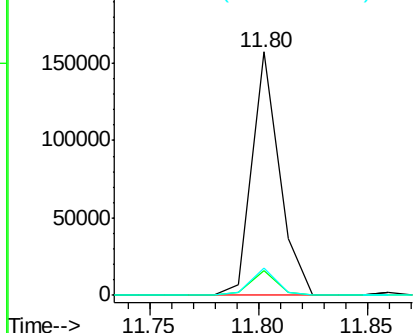
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

Tgt Ion:188 Resp: 138390
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 11.4 8.3 12.5

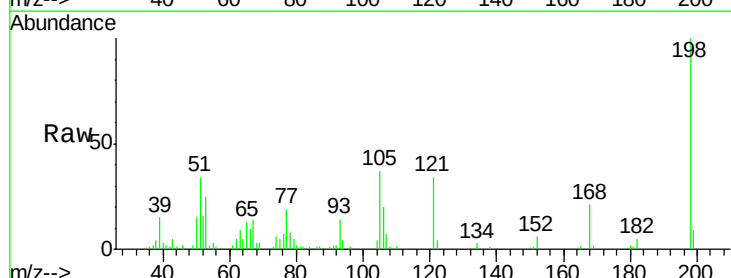


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

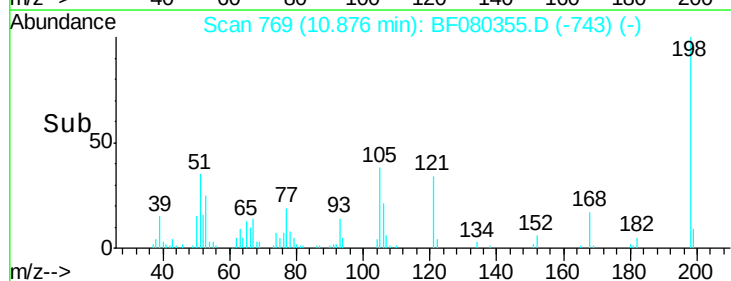
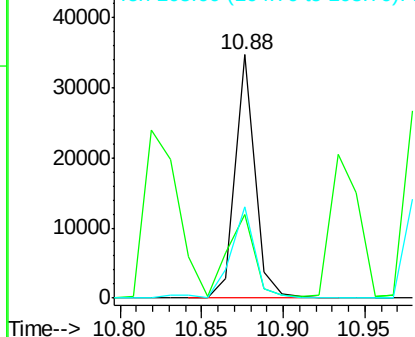


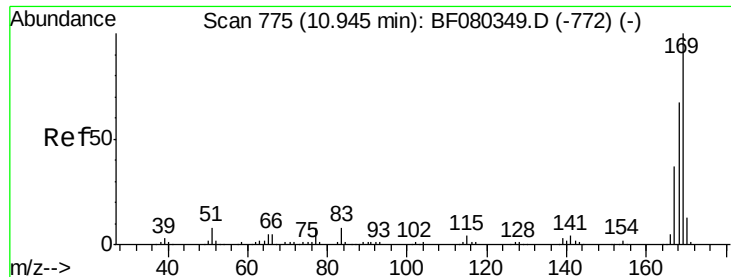
#64
4,6-Dinitro-2-methylphenol
Concen: 37.24 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion:198 Resp: 28930
Ion Ratio Lower Upper
198 100
51 34.2 17.0 57.0
105 37.3 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

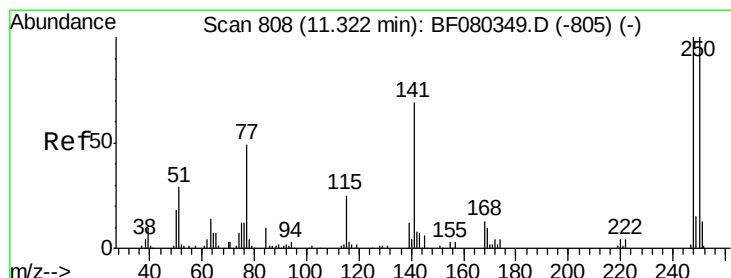
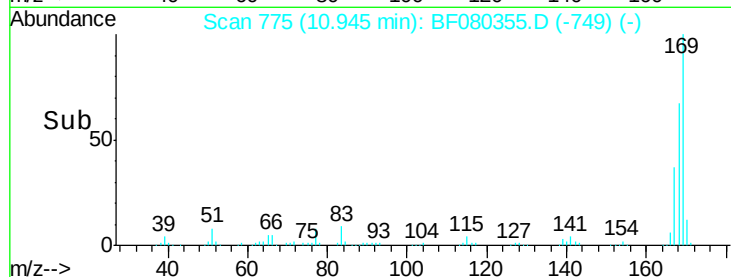
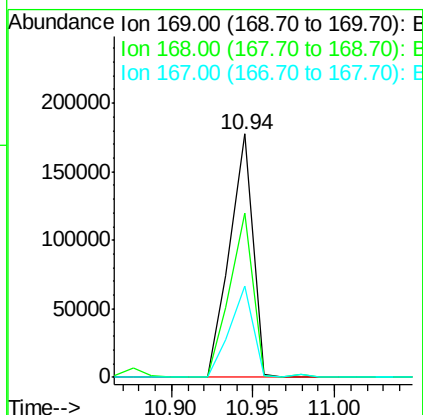
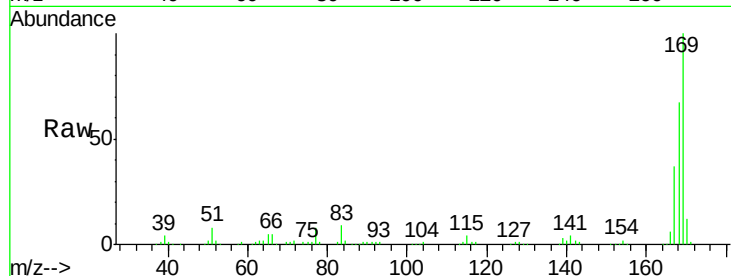




#65
 n-Nitrosodiphenylamine
 Concen: 39.55 ng
 RT: 10.94 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

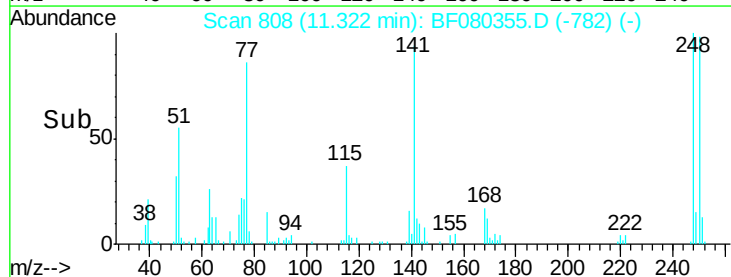
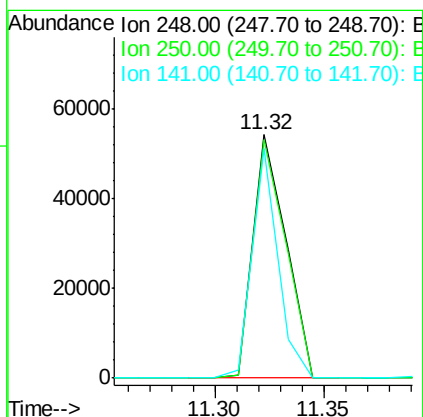
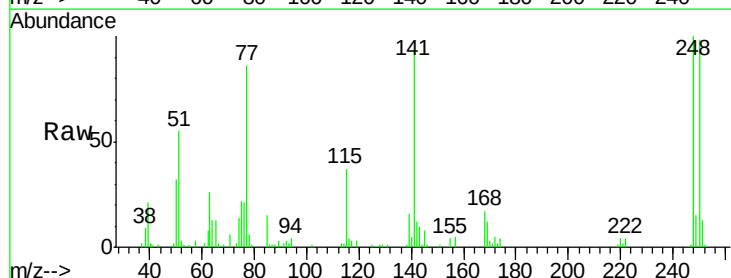
Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

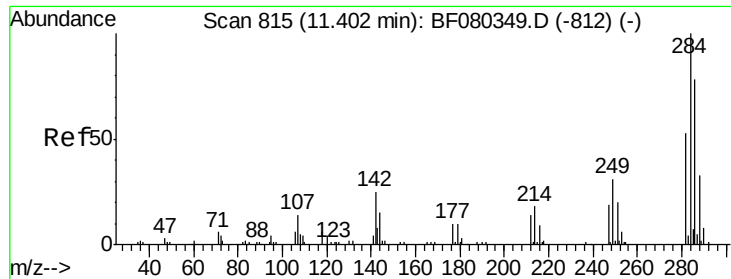
Tgt Ion:169 Resp: 174358
 Ion Ratio Lower Upper
 169 100
 168 67.3 53.5 80.3
 167 37.4 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 36.15 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion:248 Resp: 57311
 Ion Ratio Lower Upper
 248 100
 250 98.2 80.0 120.0
 141 94.1 54.8 82.2#

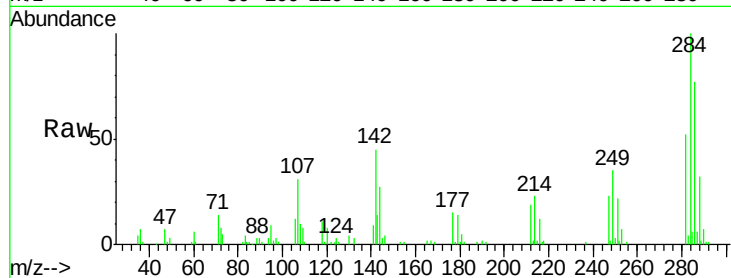




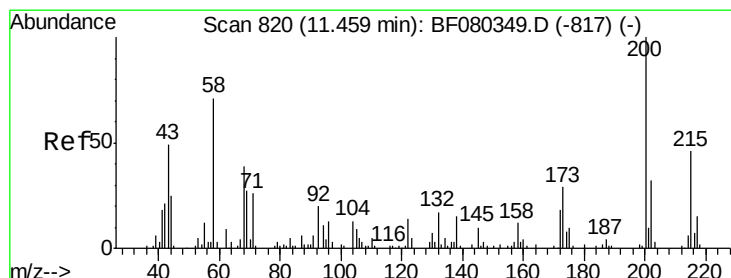
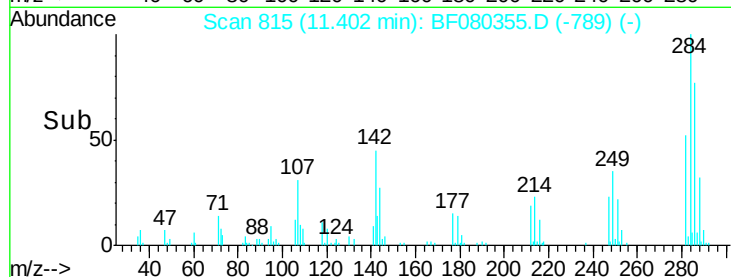
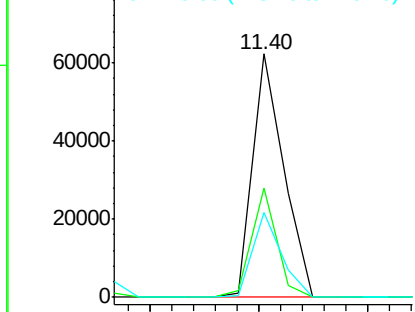
#67
Hexachlorobenzene
Concen: 37.05 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Instrument :
BNA_F
ClientSampleId :
PB84373BS

Tgt Ion:284 Resp: 61613
Ion Ratio Lower Upper
284 100
142 44.8 20.3 30.5#
249 34.8 24.7 37.1

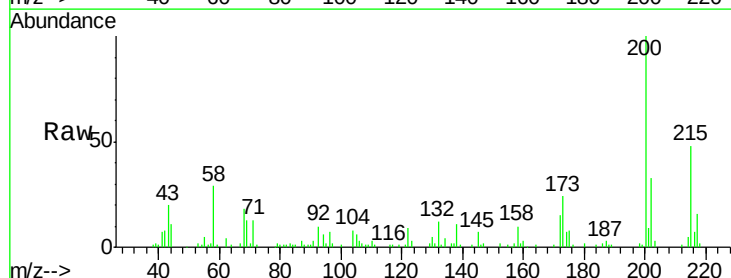


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

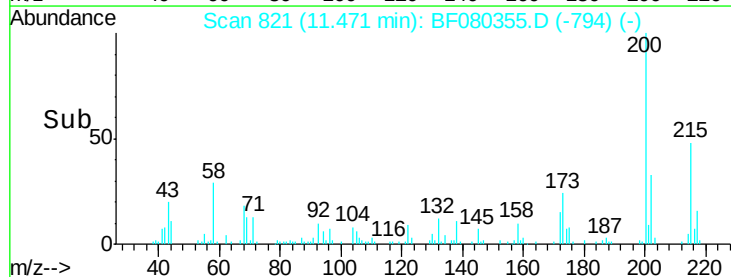
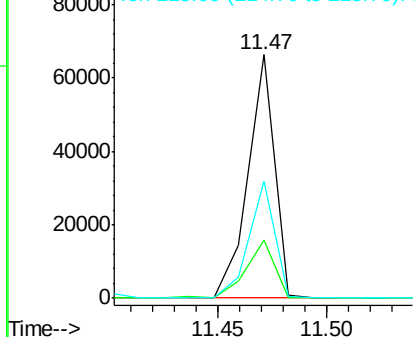


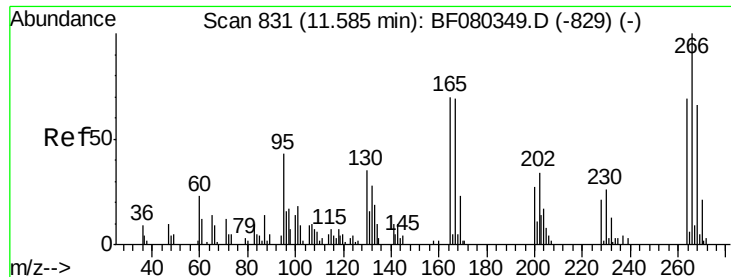
#68
Atrazine
Concen: 42.67 ng
RT: 11.47 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion:200 Resp: 55991
Ion Ratio Lower Upper
200 100
173 23.9 9.9 49.9
215 48.0 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

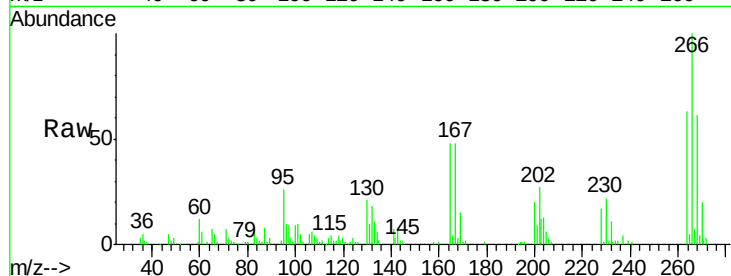




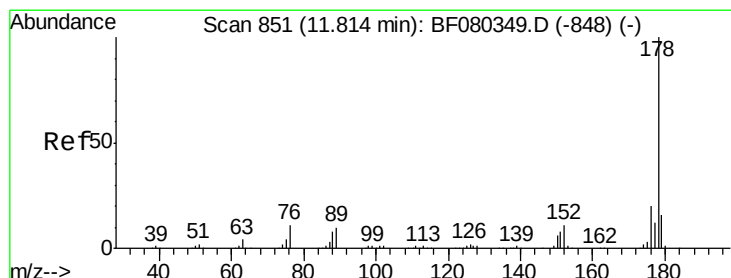
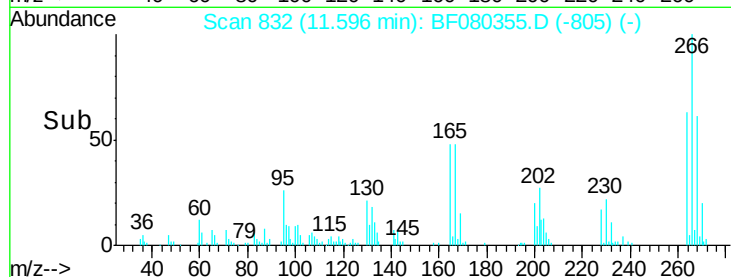
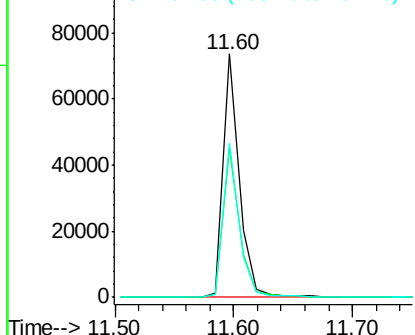
#69
 Pentachlorophenol
 Concen: 83.75 ng
 RT: 11.60 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Tgt Ion:266 Resp: 68865
 Ion Ratio Lower Upper
 266 100
 268 61.4 52.7 79.1
 264 63.5 55.0 82.6

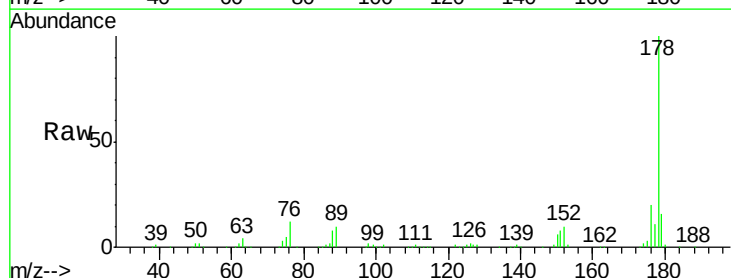


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

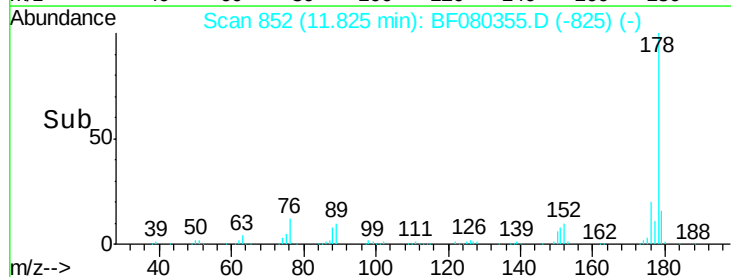
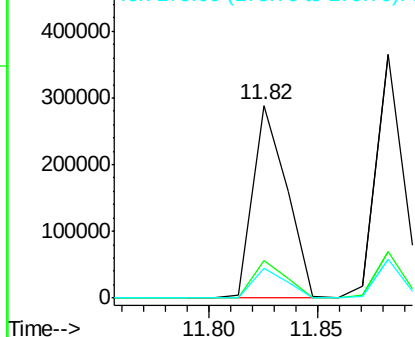


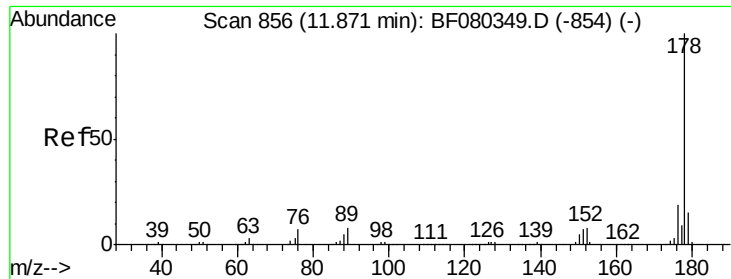
#70
 Phenanthrene
 Concen: 37.70 ng
 RT: 11.82 min Scan# 852
 Delta R.T. 0.01 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion:178 Resp: 312916
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.1 24.1
 179 15.7 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

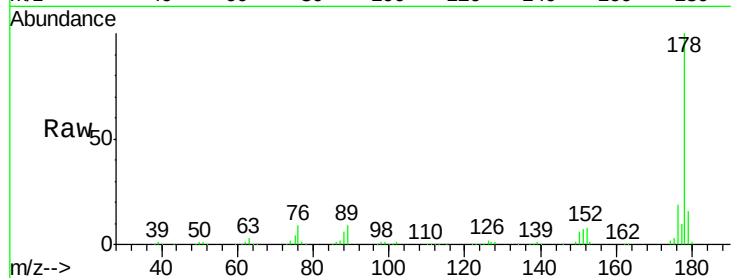




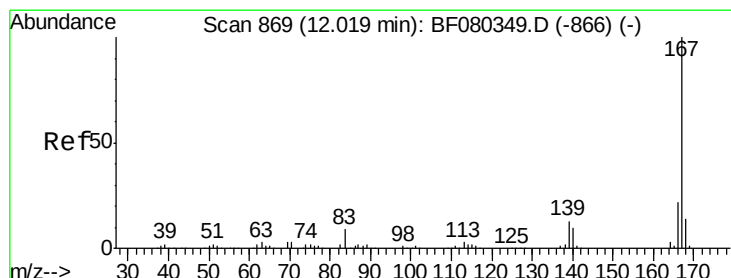
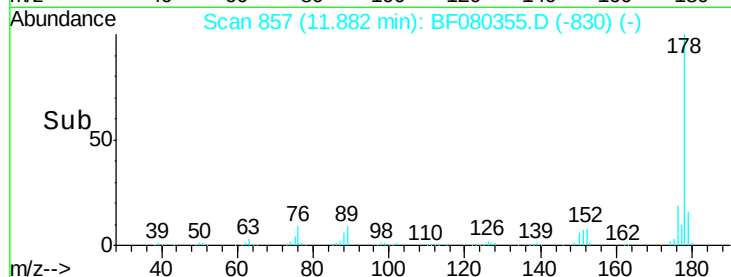
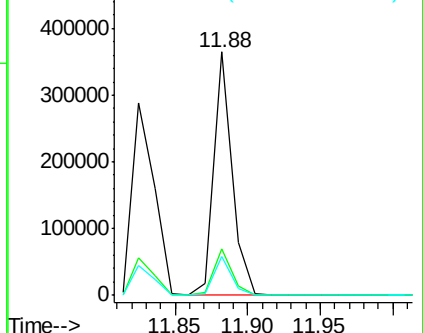
#71
 Anthracene
 Concen: 39.31 ng
 RT: 11.88 min Scan# 857
 Delta R.T. 0.01 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

Tgt Ion:178 Resp: 319913
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 15.9 12.3 18.5

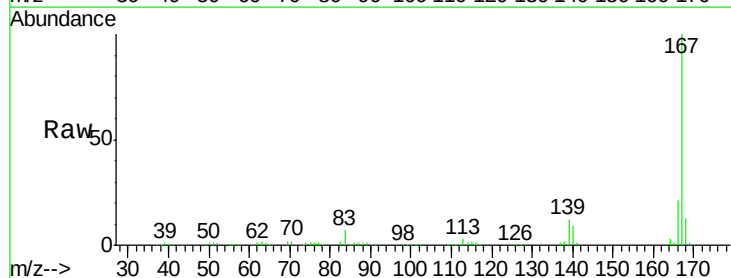


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

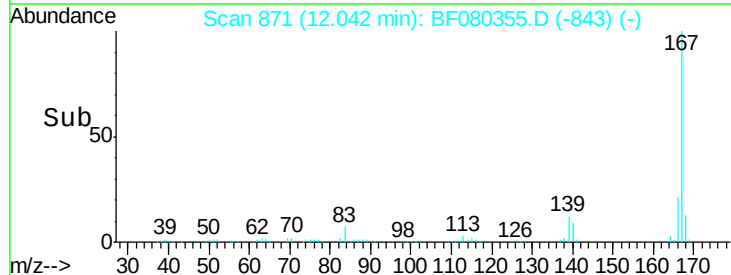
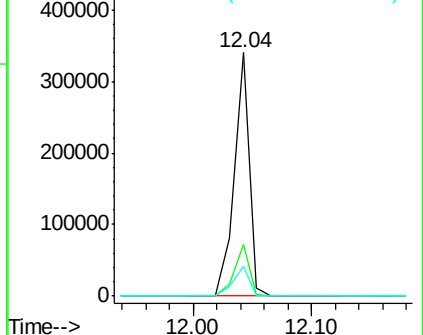


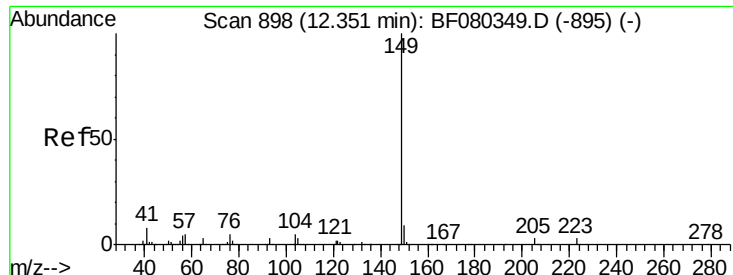
#72
 Carbazole
 Concen: 39.35 ng
 RT: 12.04 min Scan# 871
 Delta R.T. 0.02 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion:167 Resp: 298738
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 12.1 10.4 15.6



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





#73

Di-n-butylphthalate

Concen: 41.23 ng

RT: 12.39 min Scan# 901

Delta R.T. 0.03 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB84373BS

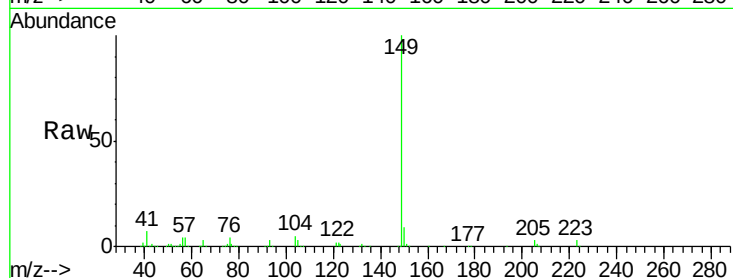
Tgt Ion:149 Resp: 358024

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

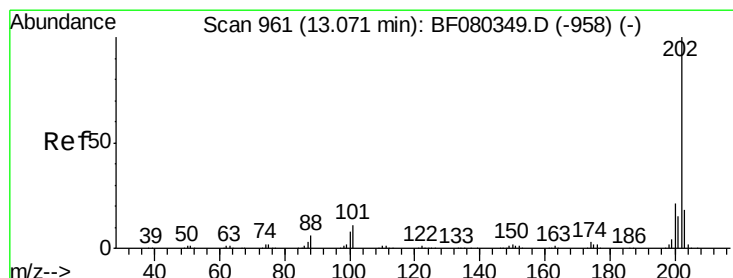
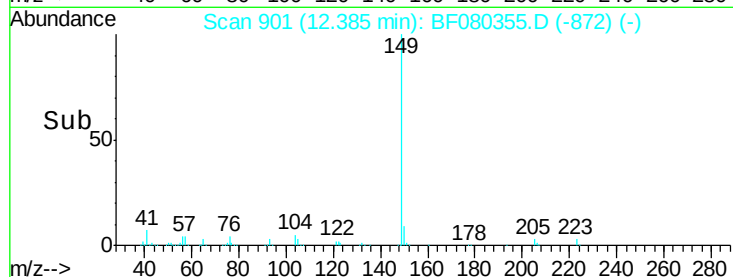
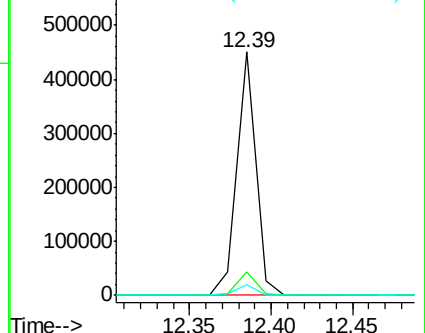
104 4.6 3.9 5.9



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: 38.07 ng

RT: 13.14 min Scan# 967

Delta R.T. 0.07 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

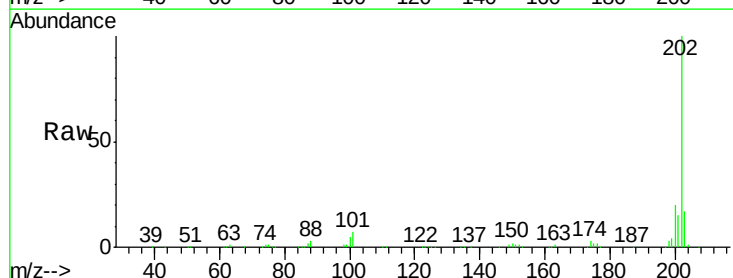
Tgt Ion:202 Resp: 339576

Ion Ratio Lower Upper

202 100

101 6.7 0.0 31.0

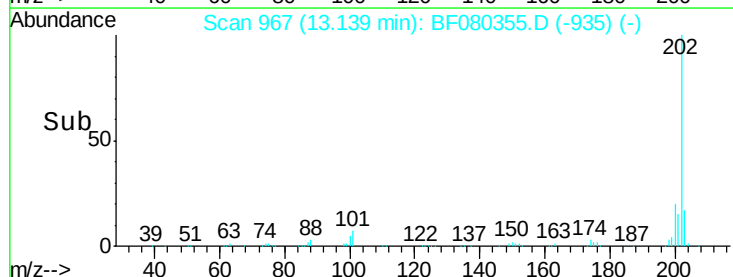
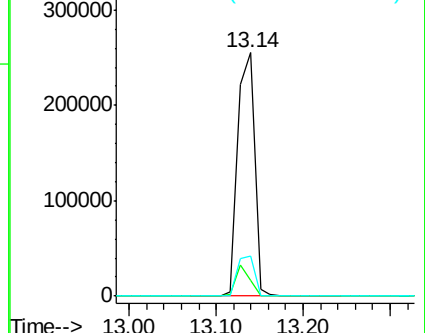
203 16.7 0.0 37.6

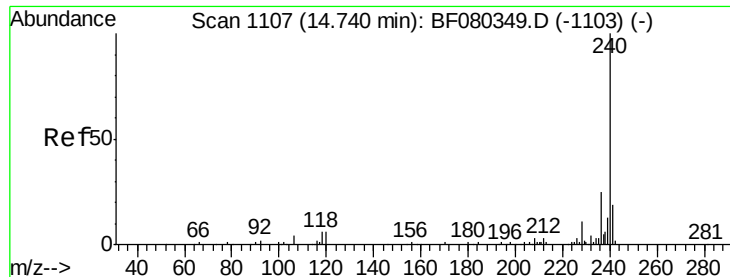


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.91 min Scan# 1122

Delta R.T. 0.17 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB84373BS

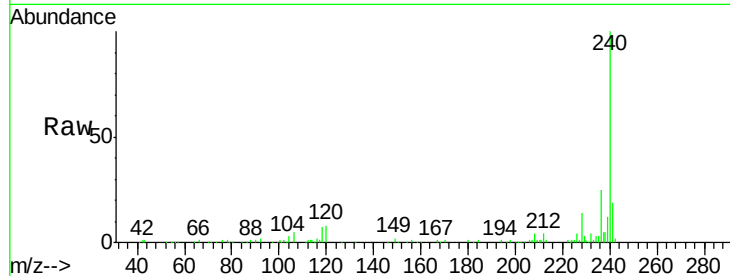
Tgt Ion:240 Resp: 153619

Ion Ratio Lower Upper

240 100

120 8.2 5.1 7.7#

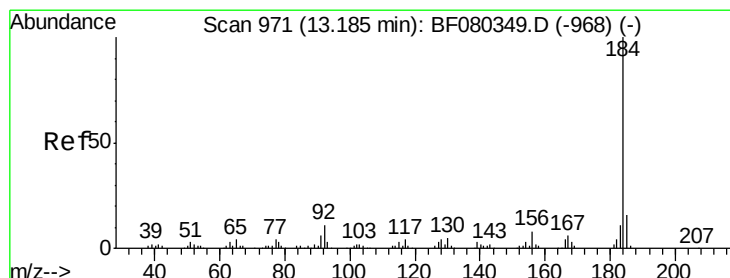
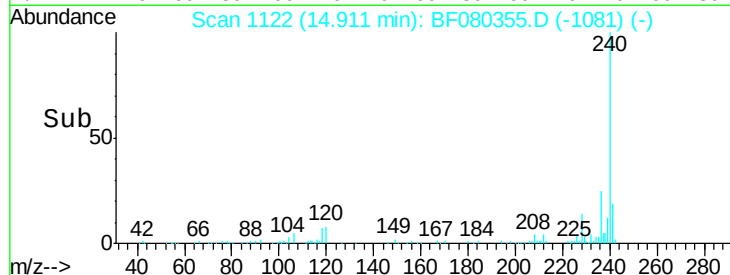
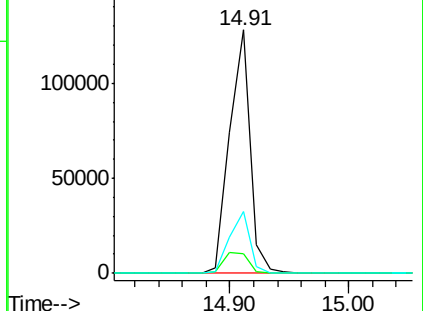
236 25.2 20.4 30.6



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: 39.97 ng

RT: 13.27 min Scan# 978

Delta R.T. 0.08 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

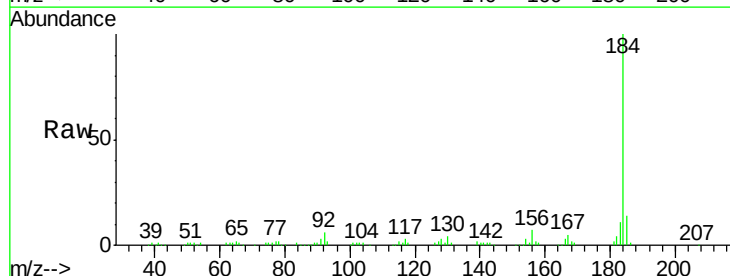
Tgt Ion:184 Resp: 155748

Ion Ratio Lower Upper

184 100

185 14.4 12.6 19.0

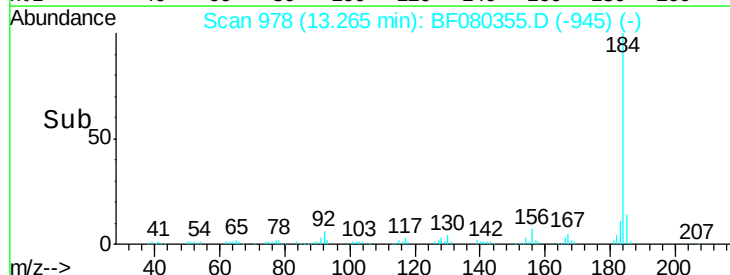
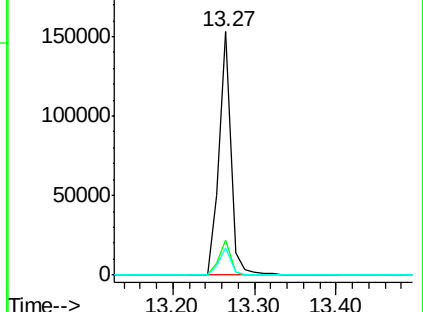
183 11.4 9.2 13.8

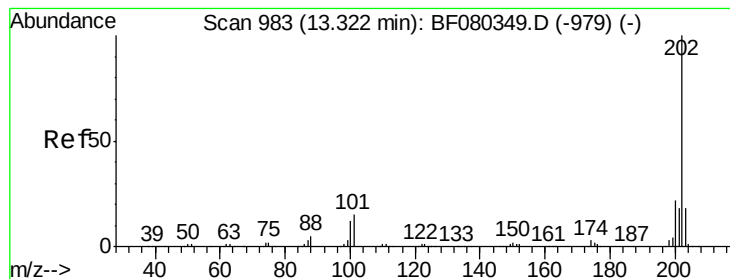


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.28 ng

RT: 13.40 min Scan# 990

Delta R.T. 0.08 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB84373BS

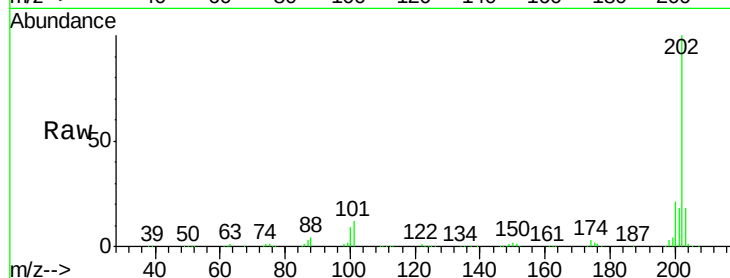
Tgt Ion:202 Resp: 364974

Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

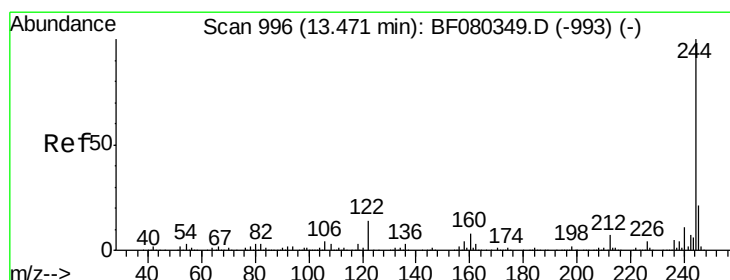
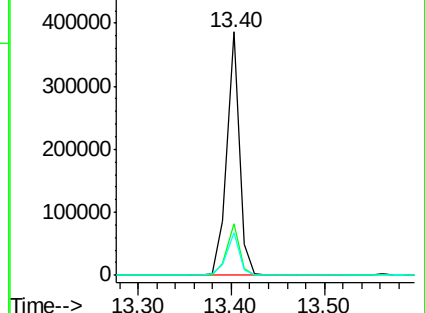
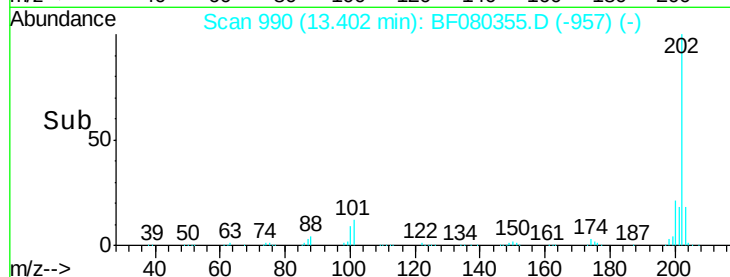
203 17.6 14.3 21.5



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: 75.71 ng

RT: 13.56 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

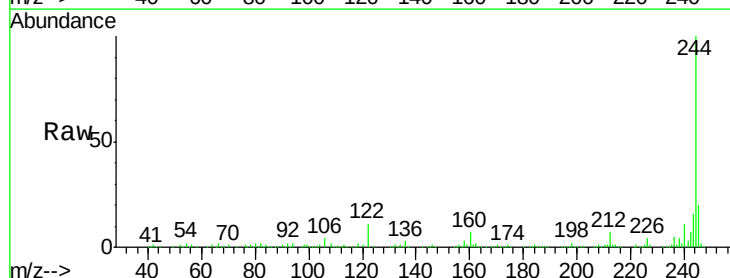
Tgt Ion:244 Resp: 498597

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

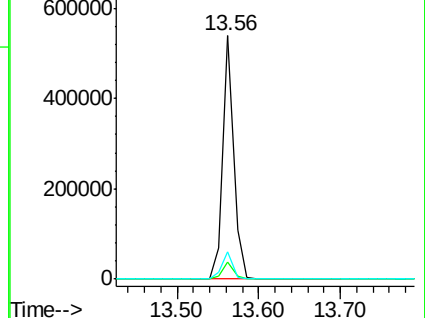
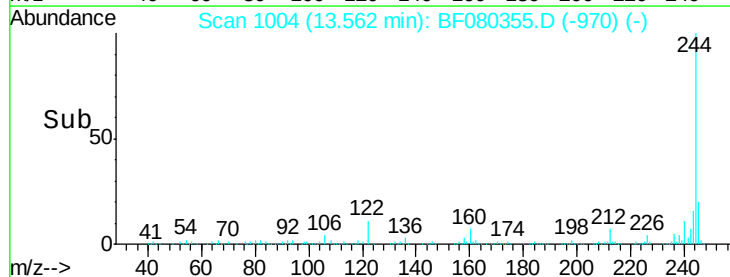
122 11.1 11.1 16.7#

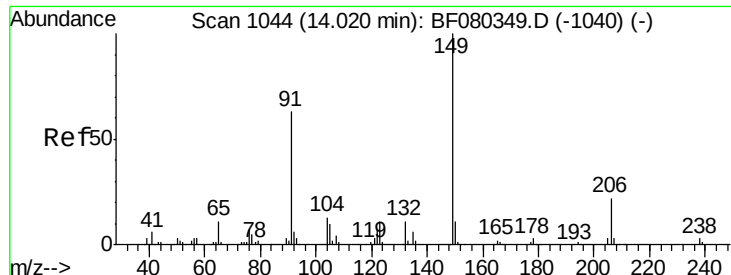


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

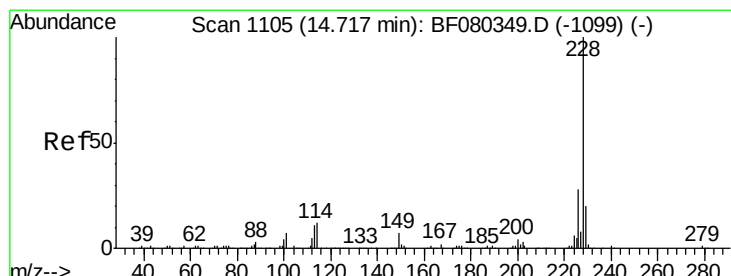
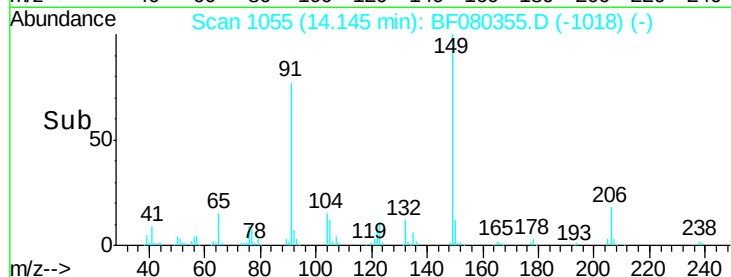
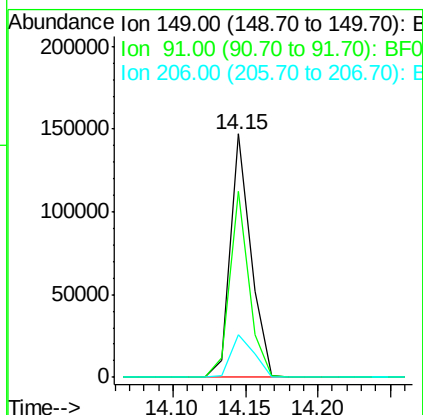
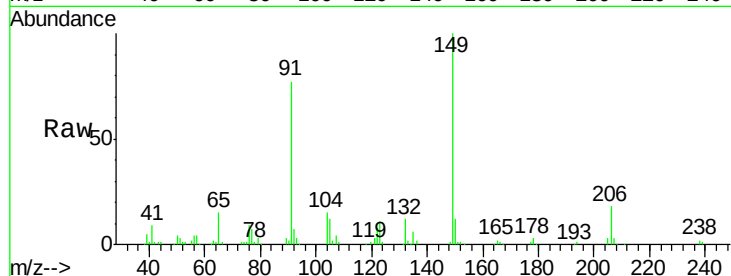




#79
Butylbenzylphthalate
Concen: 38.91 ng
RT: 14.15 min Scan# 1055
Delta R.T. 0.13 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

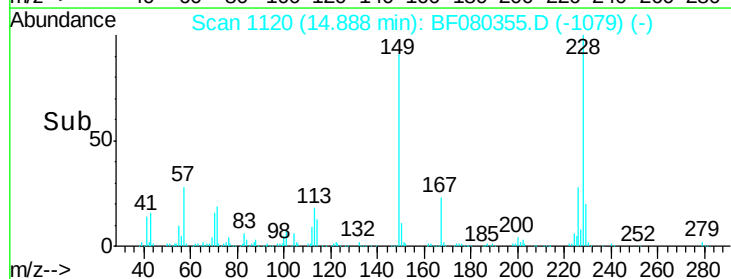
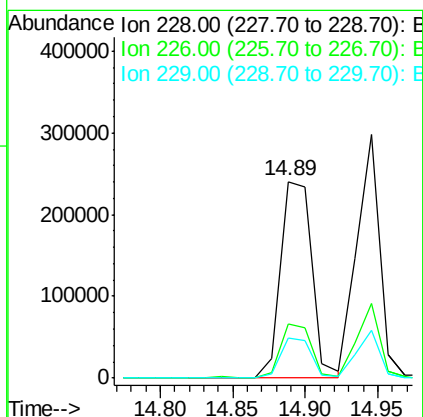
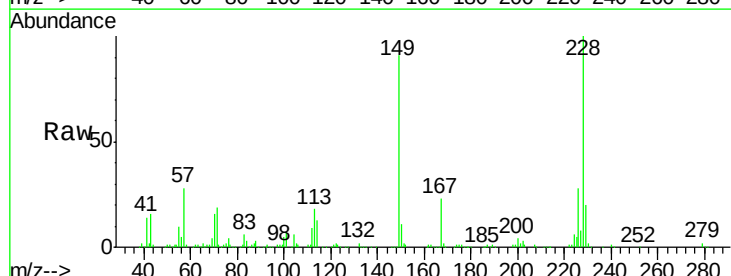
Instrument :
BNA_F
ClientSampleId :
PB84373BS

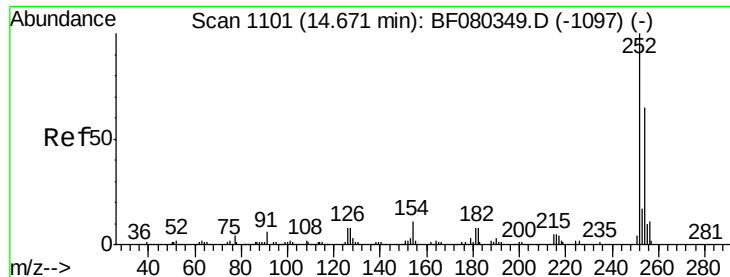
Tgt Ion:149 Resp: 144285
Ion Ratio Lower Upper
149 100
91 76.6 50.8 76.2#
206 17.7 17.6 26.4



#80
Benzo(a)anthracene
Concen: 38.80 ng
RT: 14.89 min Scan# 1120
Delta R.T. 0.17 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion:228 Resp: 359185
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 20.4 16.0 24.0

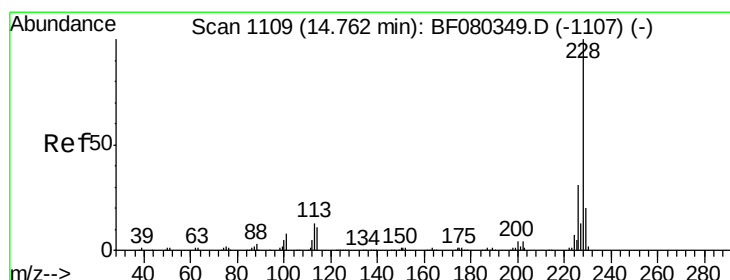
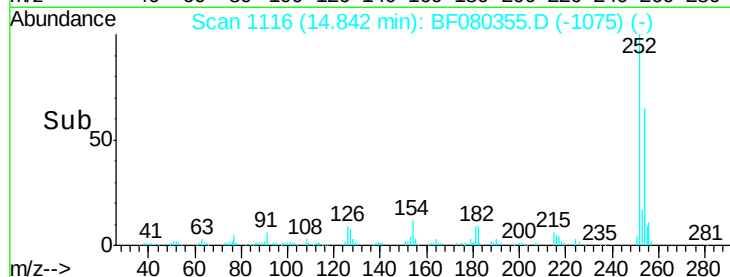
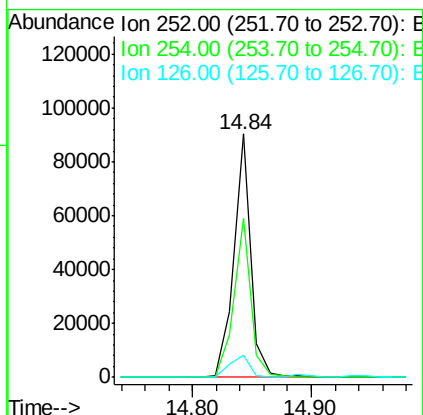
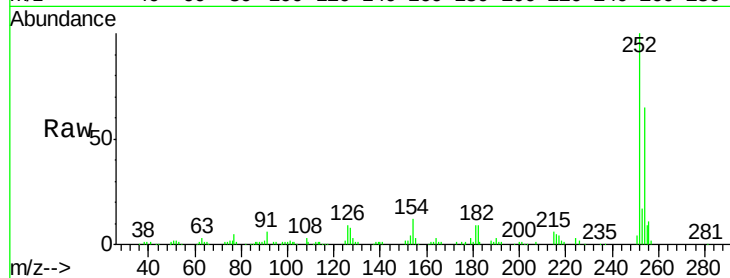




#81
 3,3'-Dichlorobenzidine
 Concen: 29.27 ng
 RT: 14.84 min Scan# 1116
 Delta R.T. 0.17 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

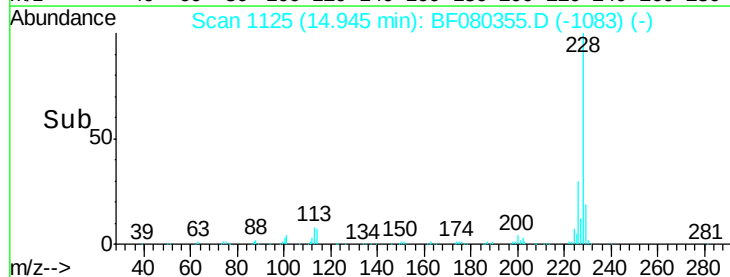
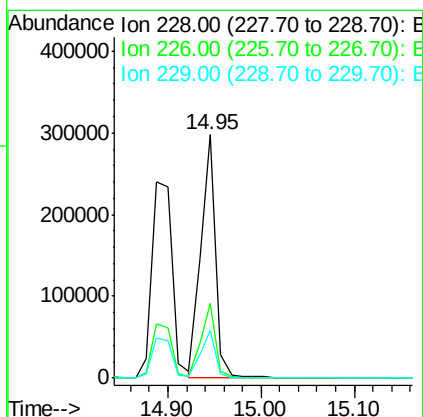
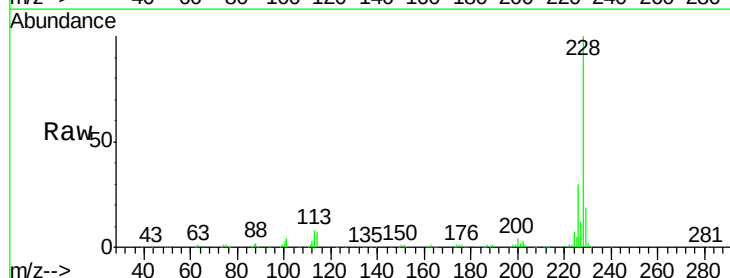
Instrument :
 BNA_F
 ClientSampleId :
 PB84373BS

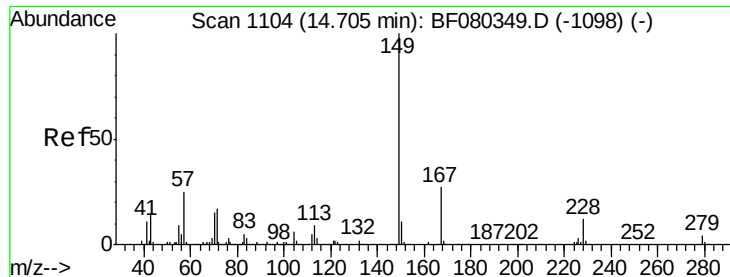
Tgt Ion:252 Resp: 89857
 Ion Ratio Lower Upper
 252 100
 254 65.5 51.7 77.5
 126 9.2 6.3 9.5



#82
 Chrysene
 Concen: 38.18 ng
 RT: 14.95 min Scan# 1125
 Delta R.T. 0.18 min
 Lab File: BF080355.D
 Acq: 6 Jul 2015 20:22

Tgt Ion:228 Resp: 330707
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.0 37.4
 229 19.4 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.24 ng

RT: 14.89 min Scan# 1120

Delta R.T. 0.18 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB84373BS

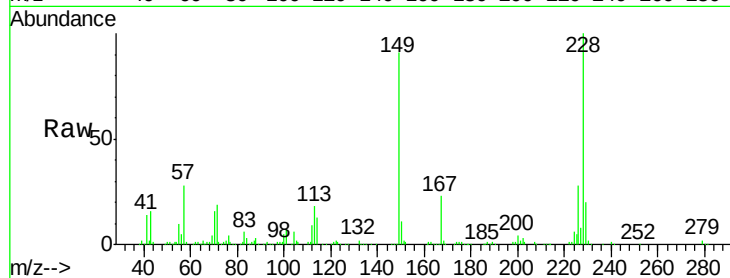
Tgt Ion:149 Resp: 227421

Ion Ratio Lower Upper

149 100

167 25.1 21.4 32.0

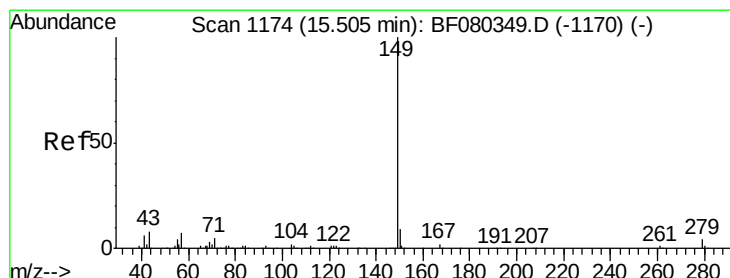
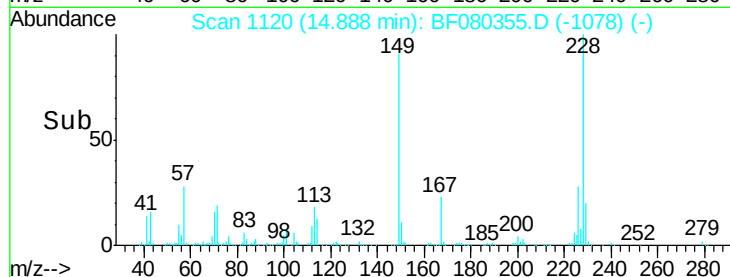
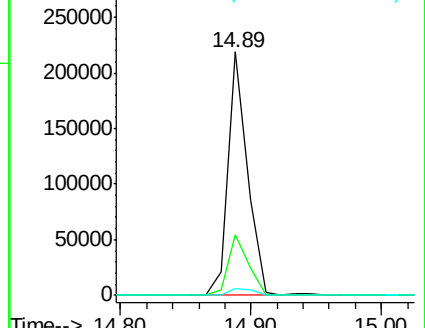
279 2.7 2.9 4.3#



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: 39.72 ng

RT: 15.76 min Scan# 1196

Delta R.T. 0.25 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

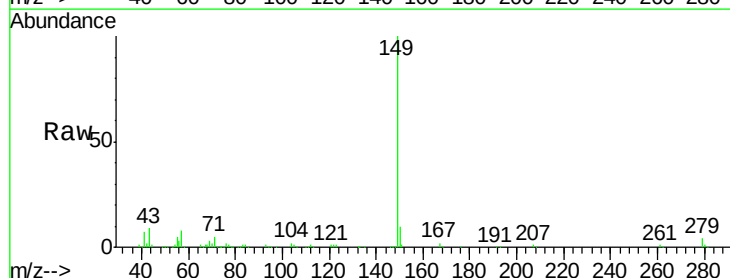
Tgt Ion:149 Resp: 370790

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

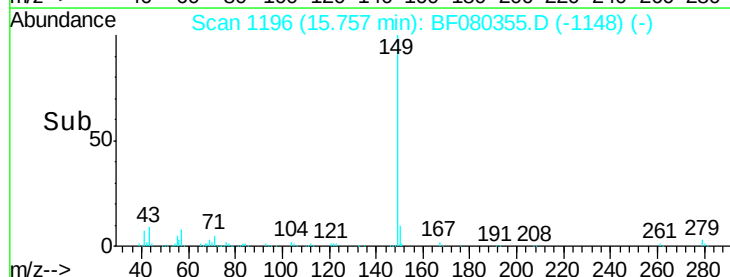
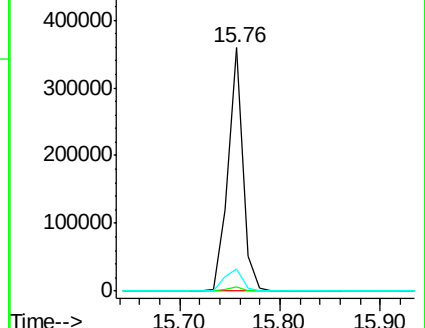
43 10.7 9.1 13.7

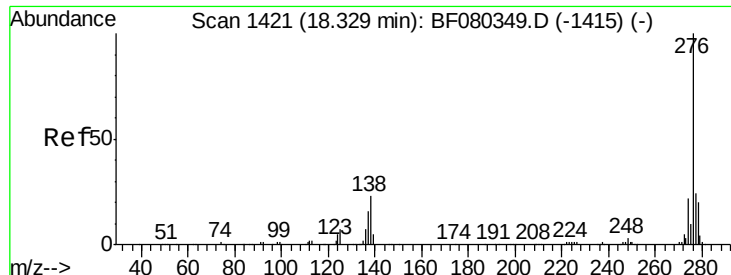


Abundance Ion 149.00 (148.70 to 149.70): E

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: 35.73 ng

RT: 18.64 min Scan# 1448

Delta R.T. 0.31 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB84373BS

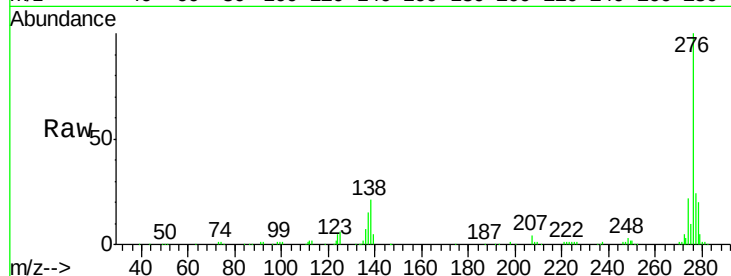
Tgt Ion:276 Resp: 363971

Ion Ratio Lower Upper

276 100

138 24.9 19.7 29.5

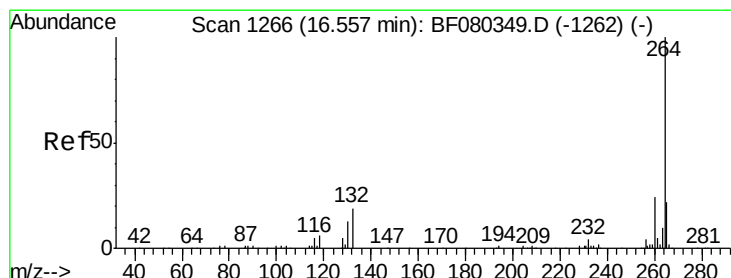
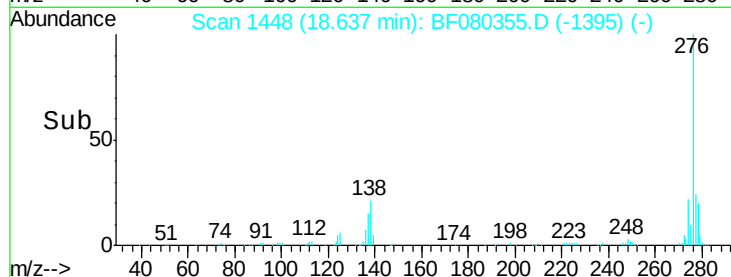
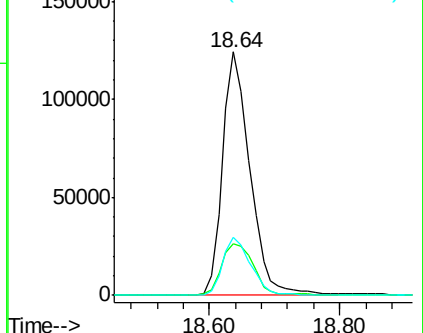
277 24.4 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.84 min Scan# 1291

Delta R.T. 0.29 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

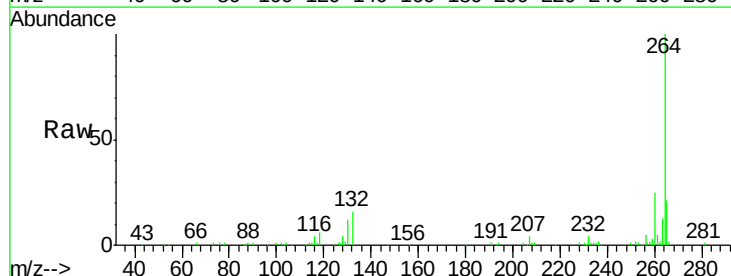
Tgt Ion:264 Resp: 142676

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

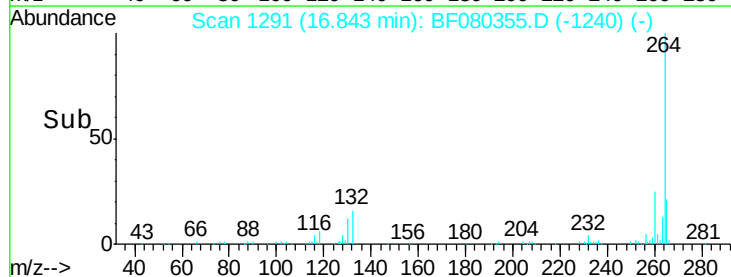
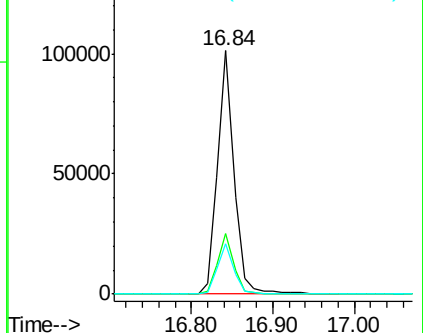
265 20.5 17.6 26.4

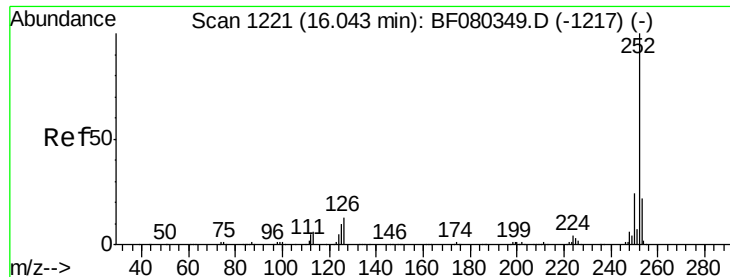


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

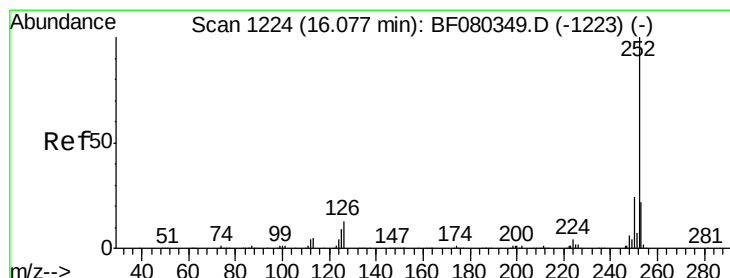
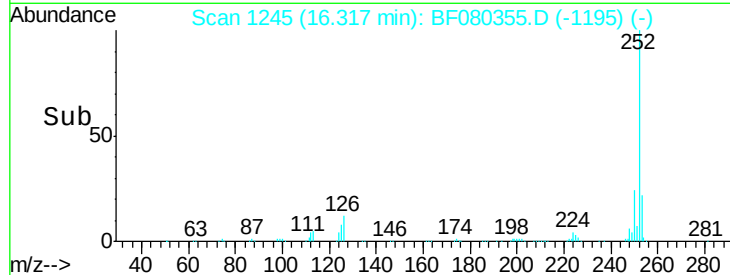
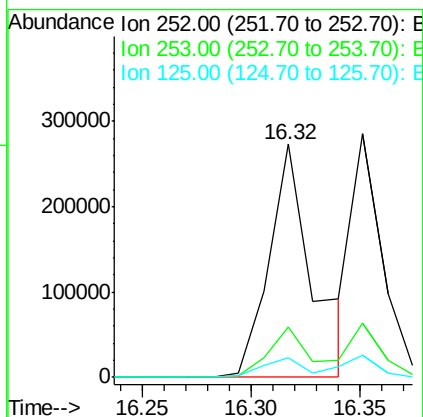
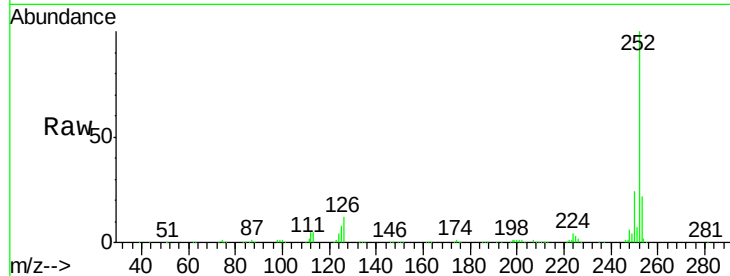




#87
Benzo(b)fluoranthene
Concen: 42.93 ng
RT: 16.32 min Scan# 1245
Delta R.T. 0.27 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

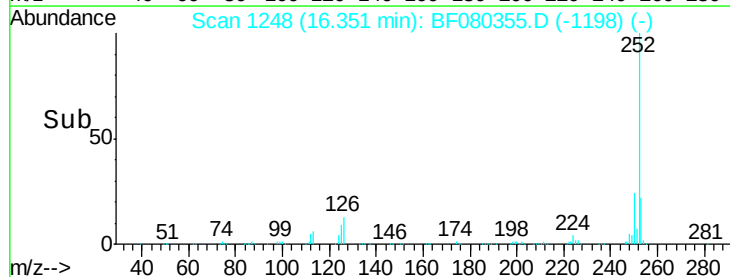
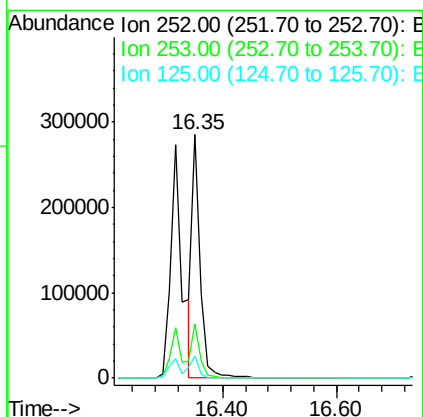
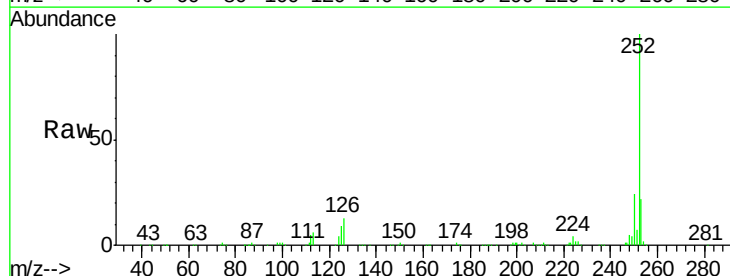
Instrument :
BNA_F
ClientSampleId :
PB84373BS

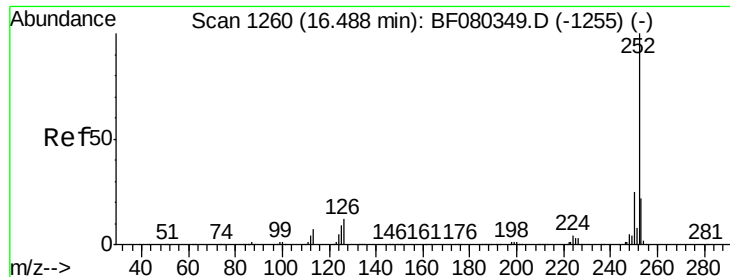
Tgt Ion:252 Resp: 384941
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 8.4 7.7 11.5



#88
Benzo(k)fluoranthene
Concen: 34.14 ng
RT: 16.35 min Scan# 1248
Delta R.T. 0.27 min
Lab File: BF080355.D
Acq: 6 Jul 2015 20:22

Tgt Ion:252 Resp: 289781
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.0 8.5 12.7





#89

Benzo(a)pyrene

Concen: 39.86 ng

RT: 16.76 min Scan# 1284

Delta R.T. 0.27 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB84373BS

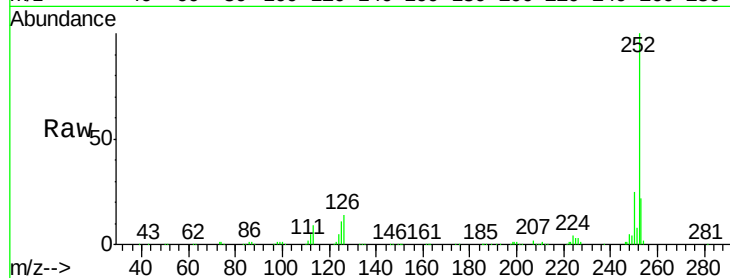
Tgt Ion:252 Resp: 326829

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

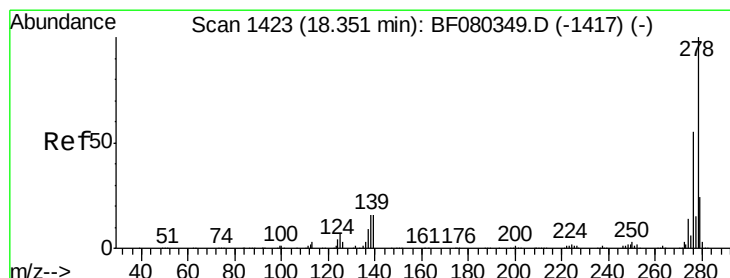
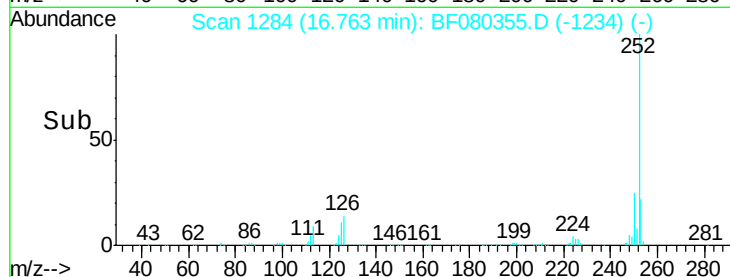
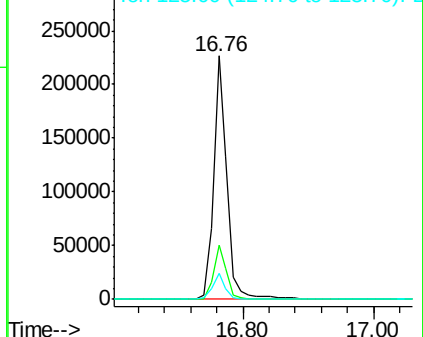
125 10.9 7.3 10.9



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: 38.30 ng

RT: 18.66 min Scan# 1450

Delta R.T. 0.31 min

Lab File: BF080355.D

Acq: 6 Jul 2015 20:22

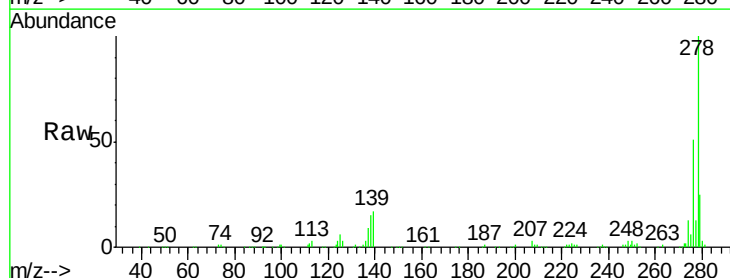
Tgt Ion:278 Resp: 309291

Ion Ratio Lower Upper

278 100

139 16.8 13.0 19.6

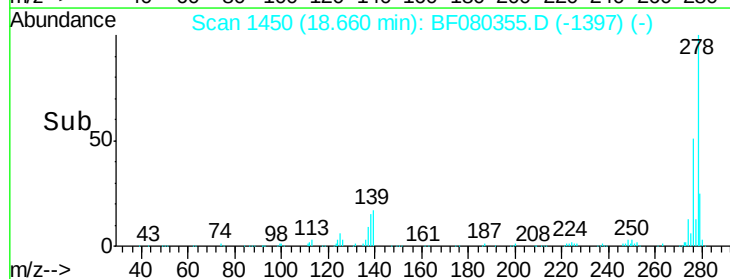
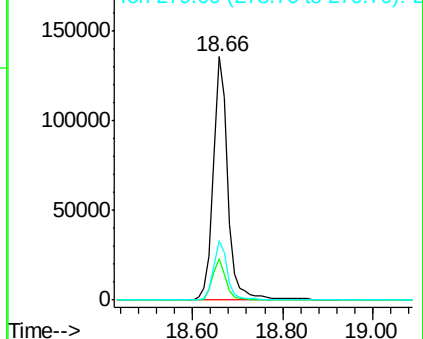
279 24.5 19.1 28.7

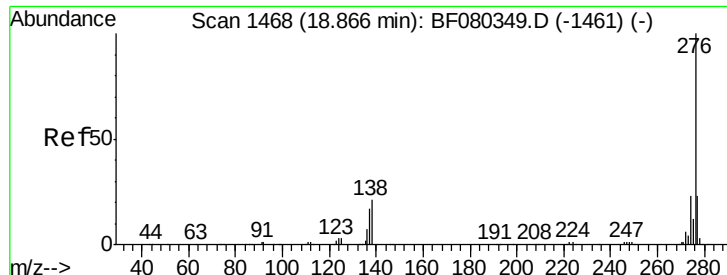


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.15 ng

RT: 19.17 min Scan# 1495

Delta R.T. 0.31 min

Lab File: BF080355.D

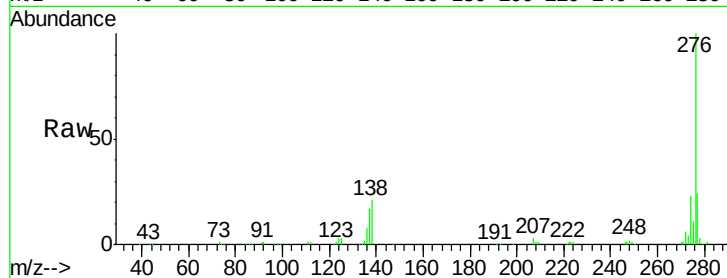
Acq: 6 Jul 2015 20:22

Instrument :

BNA_F

ClientSampleId :

PB84373BS



Tgt Ion: 276 Resp: 312448

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 20.5 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

