

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
 Data File : BF084836.D
 Acq On : 4 Feb 2016 18:47
 Operator : SJ/IZ
 Sample : H1320-01 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

Quant Time: Feb 05 01:37:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	137427	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	589292	20.00	ng	-0.01
38) Acenaphthene-d10	9.71	164	269591	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	501044	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	374122	20.00	ng	-0.01
86) Perylene-d12	15.20	264	296291	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1134029	128.53	ng	-0.01
7) Phenol-d6	6.33	99	1355917	123.96	ng	-0.01
23) Nitrobenzene-d5	7.24	82	921971	88.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	364236	129.53	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1648615	118.63	ng	-0.01
78) Terphenyl-d14	12.77	244	1524935	92.36	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.20	88	128858	33.34	ng	# 75
3) Pyridine	2.86	79	358957	35.65	ng	# 74
4) n-Nitrosodimethylamine	2.81	42	223174	42.85	ng	79
6) Aniline	6.34	93	502759	37.56	ng	# 60
8) 2-Chlorophenol	6.46	128	446434	44.70	ng	96
9) Benzaldehyde	6.21	77	148089	22.93	ng	97
10) Phenol	6.34	94	454103	37.06	ng	# 61
11) bis(2-Chloroethyl)ether	6.42	93	429932	44.99	ng	86
12) 1,3-Dichlorobenzene	6.61	146	459560	43.55	ng	97
13) 1,4-Dichlorobenzene	6.69	146	463317	43.92	ng	95
14) 1,2-Dichlorobenzene	6.84	146	388881	39.58	ng	96
15) Benzyl Alcohol	6.83	79	368450	48.78	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.97	45	672861	41.86	ng	86
17) 2-Methylphenol	6.96	107	356433	45.13	ng	# 91
18) Hexachloroethane	7.18	117	174114	42.86	ng	95
19) n-Nitroso-di-n-propylamine	7.10	70	312209	45.54	ng	# 79
20) 3+4-Methylphenols	7.10	107	434308	44.30	ng	# 79
22) Acetophenone	7.09	105	603146	38.83	ng	99
24) Nitrobenzene	7.26	77	444824	39.71	ng	98
25) Isophorone	7.50	82	826190	40.62	ng	97
26) 2-Nitrophenol	7.58	139	251396	45.50	ng	92
27) 2,4-Dimethylphenol	7.63	122	387183	40.29	ng	96
28) bis(2-Chloroethoxy)methane	7.72	93	479980	39.77	ng	99
29) 2,4-Dichlorophenol	7.82	162	340683	41.43	ng	93
30) 1,2,4-Trichlorobenzene	7.90	180	372159	40.07	ng	96
31) Naphthalene	7.98	128	1250757	42.31	ng	99
32) Benzoic acid	7.77	122	232717	37.86	ng	95
33) 4-Chloroaniline	8.04	127	366625	29.99	ng	95
34) Hexachlorobutadiene	8.11	225	219206	40.93	ng	99
35) Caprolactam	8.42	113	72130	28.46	ng	# 59
36) 4-Chloro-3-methylphenol	8.53	107	380608	40.57	ng	93
37) 2-Methylnaphthalene	8.67	142	807824	43.67	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	344977	40.29	ng	97
40) Hexachlorocyclopentadiene	8.83	237	339681	86.84	ng	99

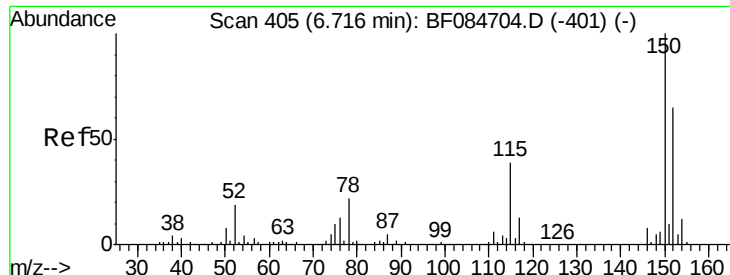
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	238247	43.19	ng	98
43) 2,4,5-Trichlorophenol	9.00	196	248259	44.29	ng #	87
45) 1,1'-Biphenyl	9.14	154	931997	38.70	ng	99
46) 2-Chloronaphthalene	9.16	162	737823	41.61	ng	94
47) 2-Nitroaniline	9.26	65	257392	45.84	ng	95
48) Acenaphthylene	9.57	152	1099970	40.88	ng	98
49) Dimethylphthalate	9.45	163	863632	42.06	ng #	90
50) 2,6-Dinitrotoluene	9.52	165	194669	43.40	ng #	87
51) Acenaphthene	9.74	154	693368	39.60	ng	97
52) 3-Nitroaniline	9.68	138	157398	31.23	ng	91
53) 2,4-Dinitrophenol	9.79	184	198738	94.83	ng	94
54) Dibenzofuran	9.92	168	929889	43.46	ng	91
55) 4-Nitrophenol	9.86	139	291658	78.73	ng #	81
56) 2,4-Dinitrotoluene	9.92	165	276395	48.31	ng #	92
57) Fluorene	10.26	166	748692	41.90	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.04	232	220406	51.66	ng	91
59) Diethylphthalate	10.14	149	870260	43.40	ng	98
60) 4-Chlorophenyl-phenylether	10.26	204	388142	53.00	ng	93
61) 4-Nitroaniline	10.29	138	225859	45.98	ng	92
62) Azobenzene	10.42	77	980175	50.84	ng	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	137481	44.46	ng #	48
65) n-Nitrosodiphenylamine	10.38	169	737471	46.35	ng	99
66) 4-Bromophenyl-phenylether	10.74	248	230285	41.61	ng #	69
67) Hexachlorobenzene	10.81	284	283868	47.08	ng	98
68) Atrazine	10.91	200	221313	44.05	ng	98
69) Pentachlorophenol	11.00	266	244432	86.25	ng	97
70) Phenanthrene	11.22	178	1299697	46.77	ng	98
71) Anthracene	11.26	178	1168630	41.73	ng	99
72) Carbazole	11.42	167	1036460	42.45	ng	99
73) Di-n-butylphthalate	11.77	149	1336012	42.98	ng #	97
74) Fluoranthene	12.40	202	1174354	41.75	ng	100
76) Benzidine	12.53	184	569405	43.82	ng	97
77) Pyrene	12.63	202	1258582	43.94	ng	99
79) Butylbenzylphthalate	13.25	149	549239	42.27	ng	87
80) Benzo(a)anthracene	13.81	228	1041124	44.84	ng	99
81) 3,3'-Dichlorobenzidine	13.78	252	210494	25.60	ng #	96
82) Chrysene	13.85	228	835982	37.13	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	747790	46.24	ng #	94
84) Di-n-octyl phthalate	14.43	149	1158093	43.41	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.48	276	841898	47.50	ng	98
87) Benzo(b)fluoranthene	14.84	252	1640295	82.40	ng #	97
88) Benzo(k)fluoranthene	14.84	252	1640969	99.69	ng	99
89) Benzo(a)pyrene	15.14	252	778117	45.87	ng	98
90) Dibenzo(a,h)anthracene	16.49	278	699393	48.98	ng	97
91) Benzo(g,h,i)perylene	16.87	276	724075	50.34	ng	97

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

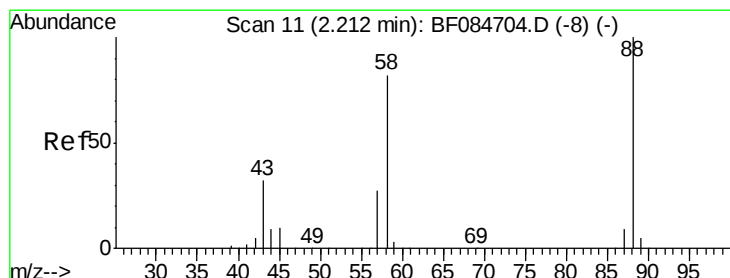
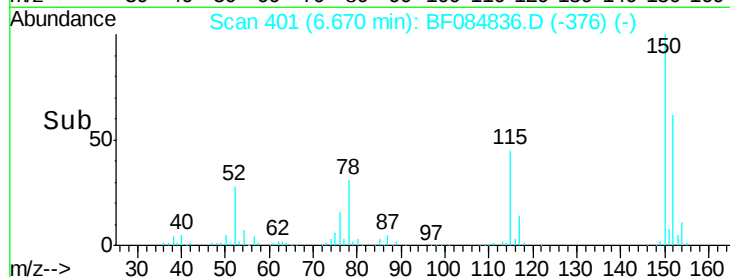
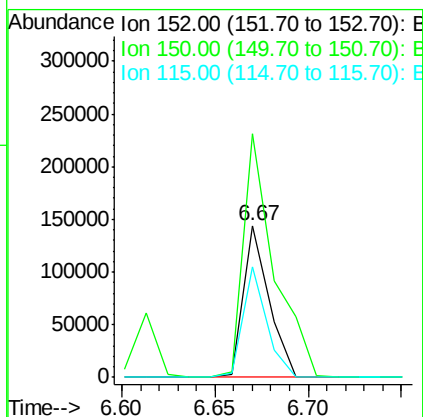
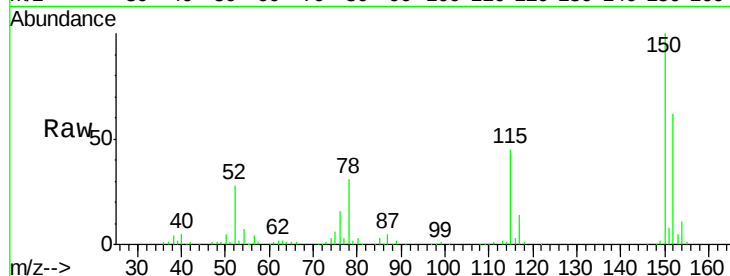


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Instrument :
BNA_F
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S4-B017(5-7)

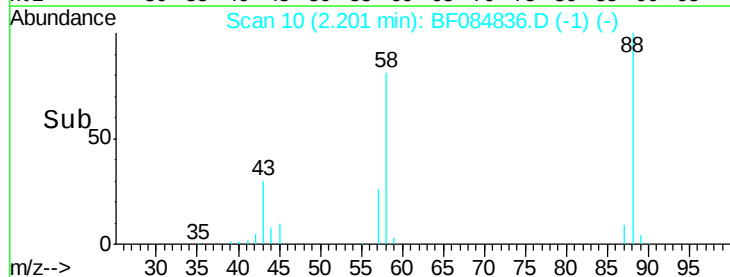
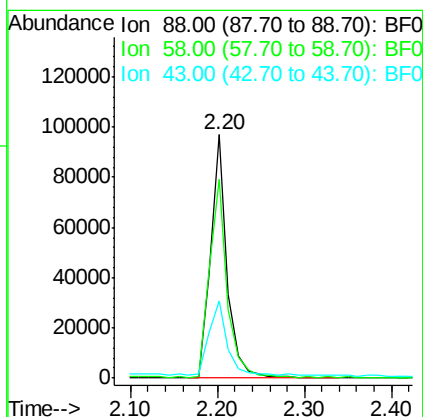
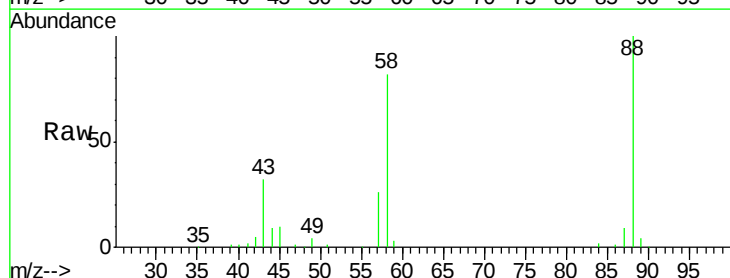
Tgt Ion:152 Resp: 137427
Ion Ratio Lower Upper
152 100
150 160.5 123.0 184.4
115 72.6 51.4 77.2

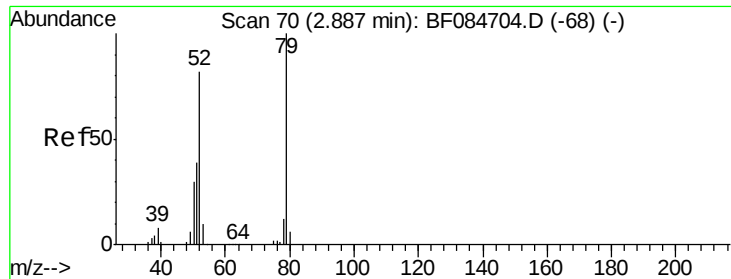


#2

1,4-Dioxane
Concen: 33.34 ng
RT: 2.20 min Scan# 10
Delta R.T. 0.02 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion: 88 Resp: 128858
Ion Ratio Lower Upper
88 100
58 85.1 51.2 76.8#
43 34.9 19.5 29.3#





#3

Pyridine

Concen: 35.65 ng

RT: 2.86 min Scan# 68

Delta R.T. 0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

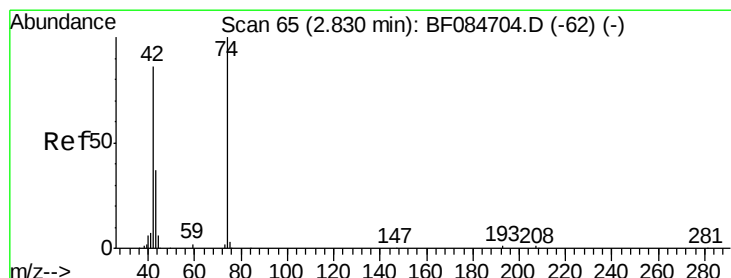
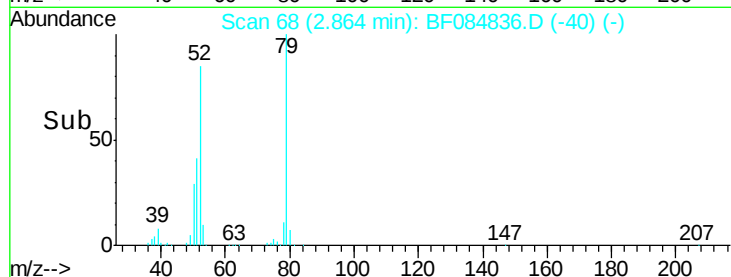
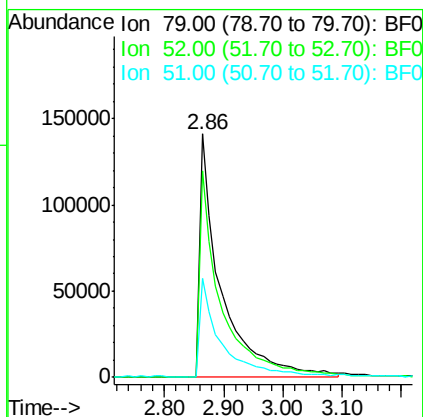
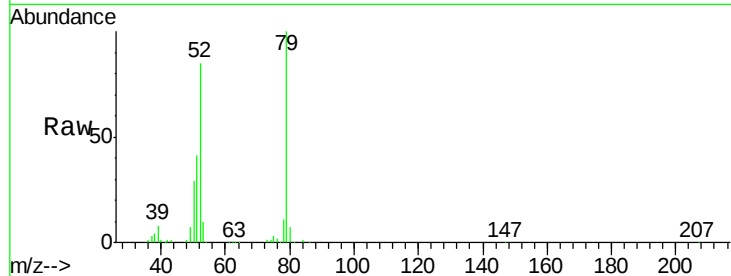
Tgt Ion: 79 Resp: 358957

Ion Ratio Lower Upper

79 100

52 84.8 49.0 73.4#

51 40.9 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 42.85 ng

RT: 2.81 min Scan# 63

Delta R.T. 0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

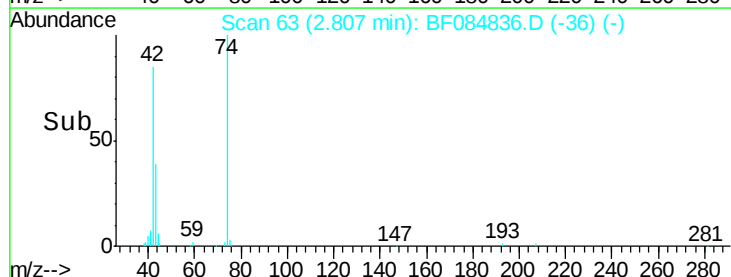
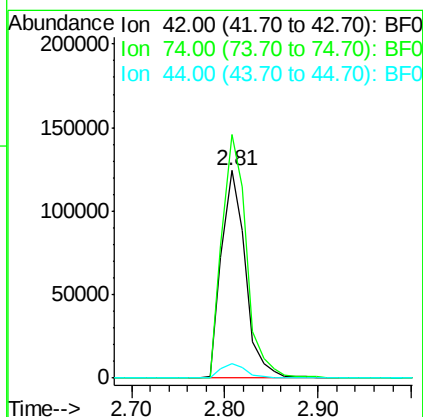
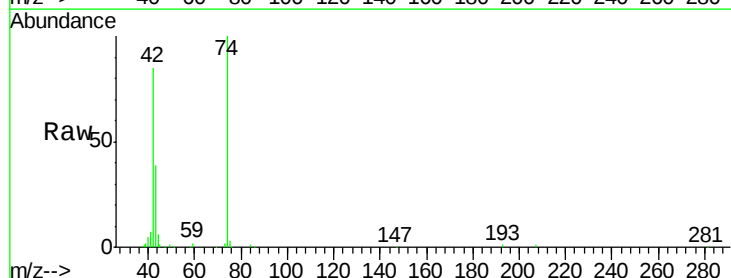
Tgt Ion: 42 Resp: 223174

Ion Ratio Lower Upper

42 100

74 117.4 115.7 173.5

44 7.2 5.1 7.7





#5

2-Fluorophenol

Concen: 128.53 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

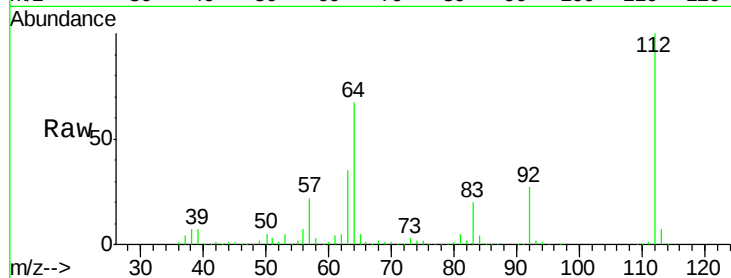
Tgt Ion: 112 Resp: 1134029

Ion Ratio Lower Upper

112 100

64 66.9 36.6 55.0#

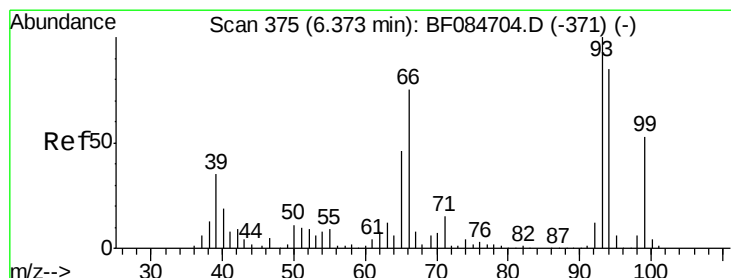
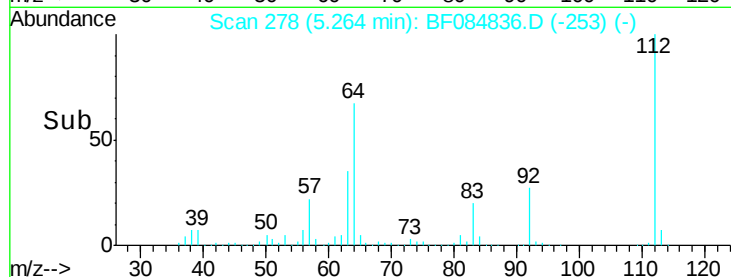
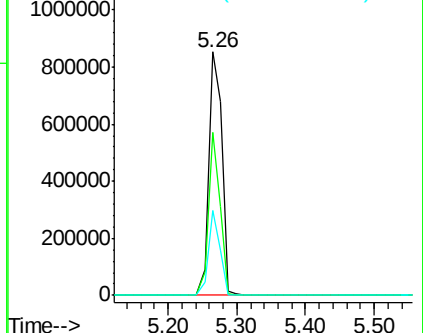
63 35.1 19.4 29.0#



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: 37.56 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

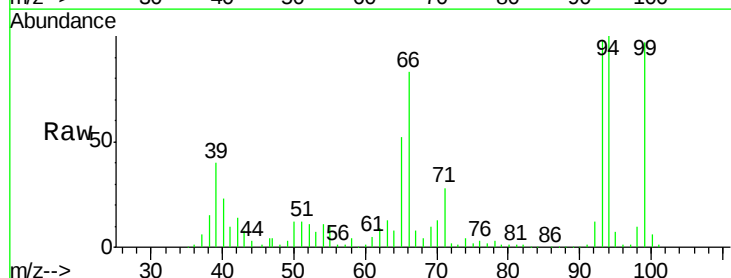
Tgt Ion: 93 Resp: 502759

Ion Ratio Lower Upper

93 100

66 84.0 44.9 67.3#

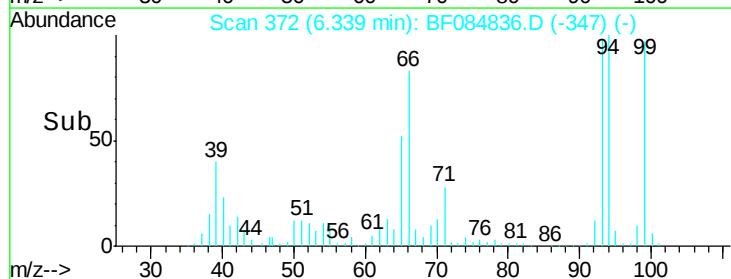
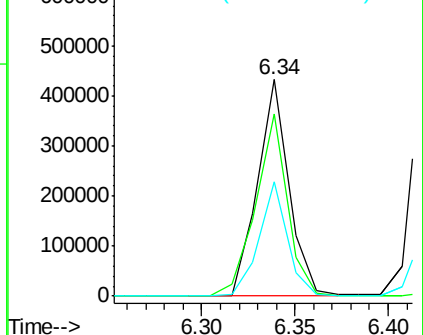
65 52.5 23.7 35.5#



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: 123.96 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

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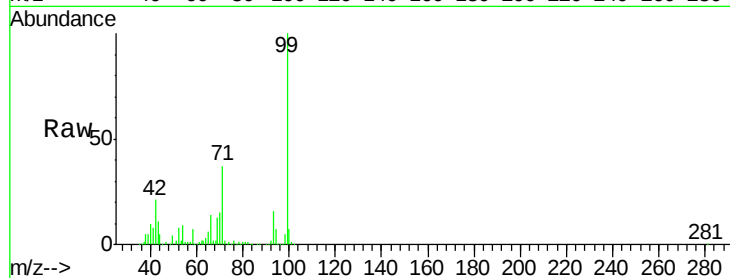
Tgt Ion: 99 Resp: 1355917

Ion Ratio Lower Upper

99 100

42 20.6 12.8 19.2#

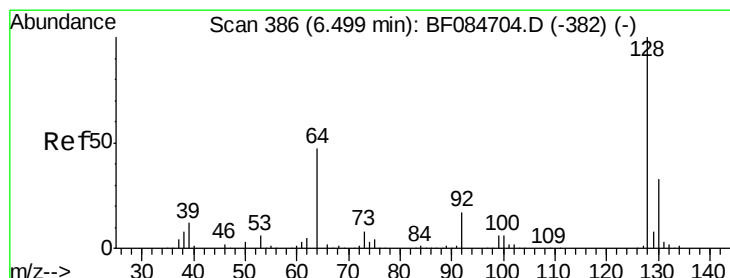
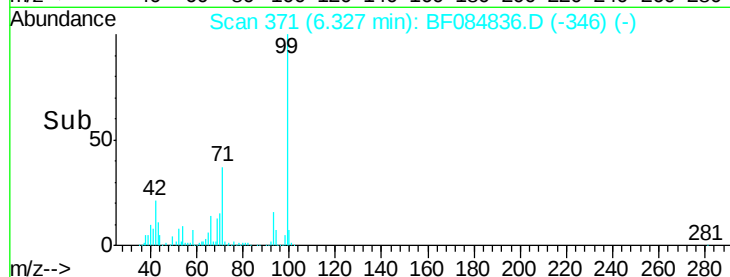
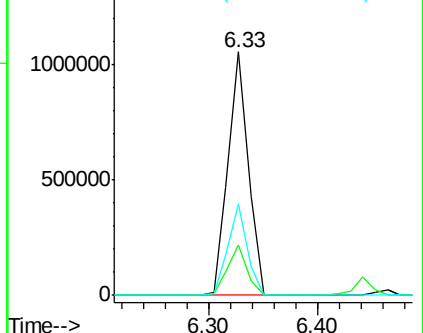
71 37.4 30.9 46.3



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: 44.70 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

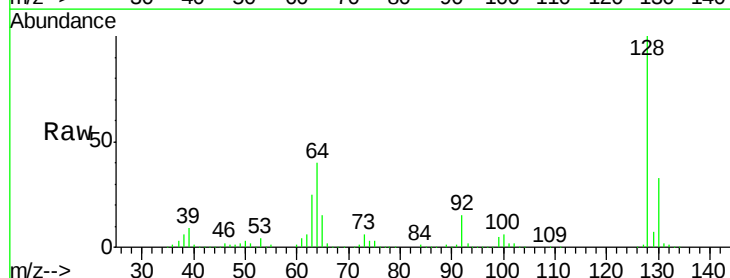
Tgt Ion: 128 Resp: 446434

Ion Ratio Lower Upper

128 100

130 32.9 11.6 51.6

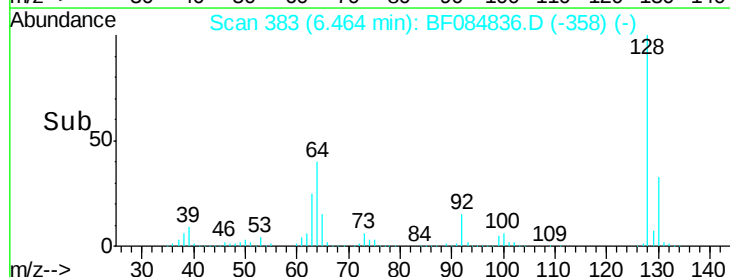
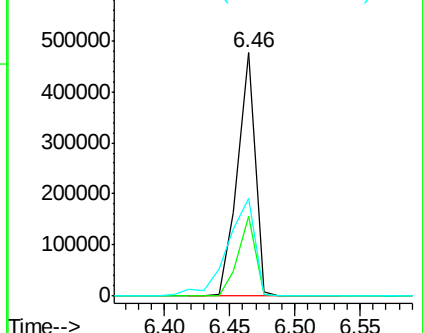
64 39.9 23.8 63.8

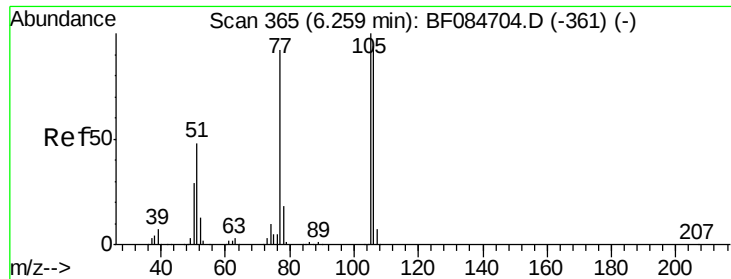


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.93 ng

RT: 6.21 min Scan# 361

Delta R.T. -0.02 min

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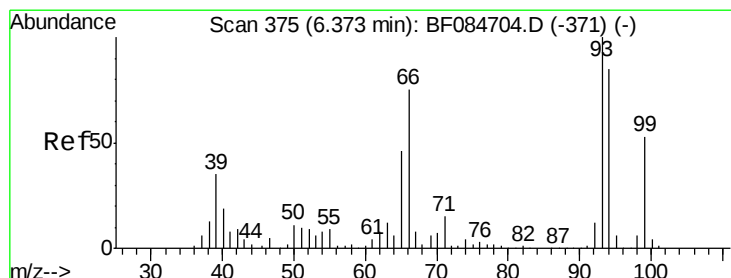
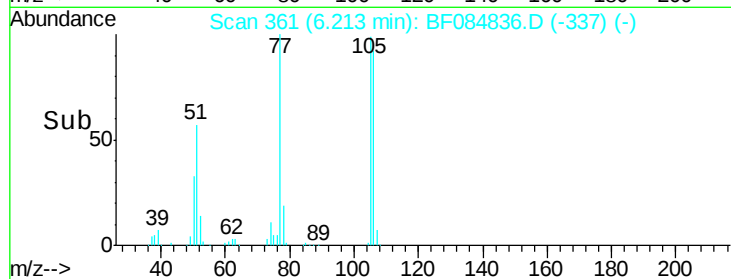
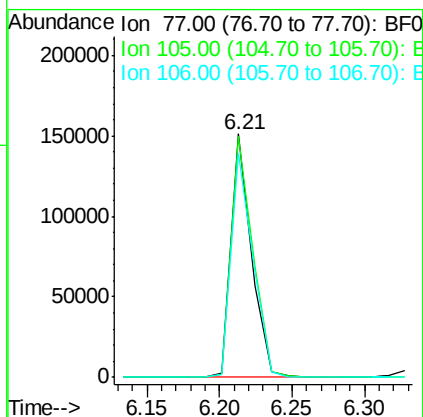
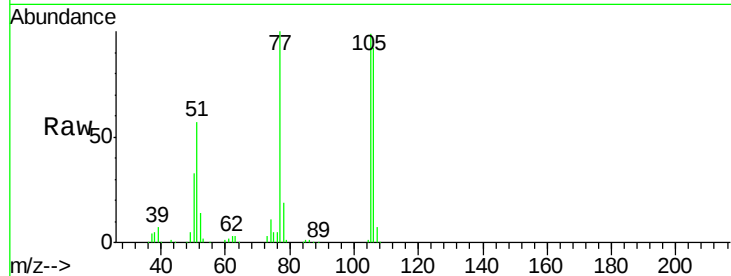
Tgt Ion: 77 Resp: 148089

Ion Ratio Lower Upper

77 100

105 99.1 83.0 123.0

106 92.0 74.6 114.6



#10

Phenol

Concen: 37.06 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

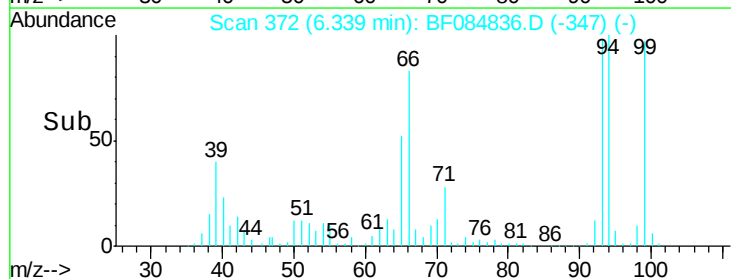
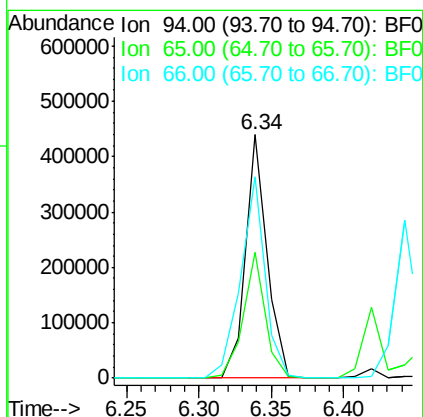
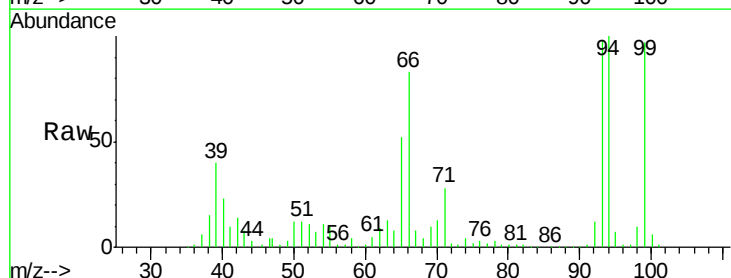
Tgt Ion: 94 Resp: 454103

Ion Ratio Lower Upper

94 100

65 51.7 12.9 52.9

66 82.6 32.7 72.7#





#11

bis(2-Chloroethyl)ether

Concen: 44.99 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

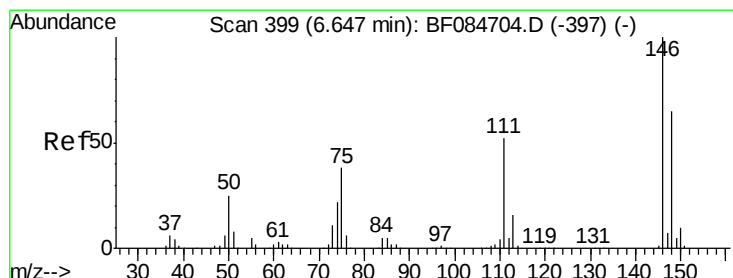
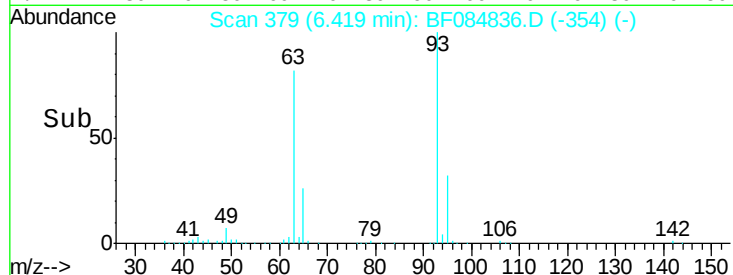
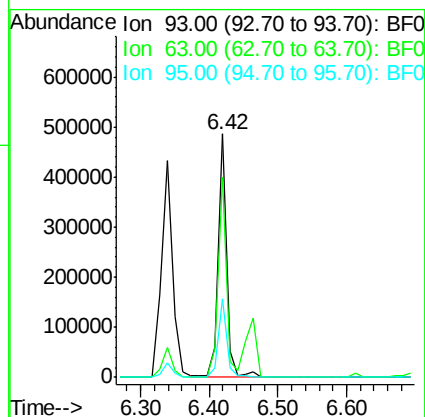
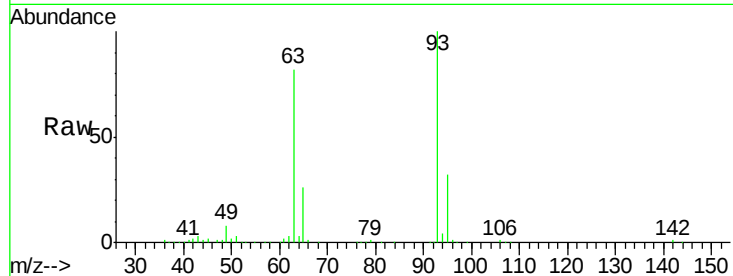
Tgt Ion: 93 Resp: 429932

Ion Ratio Lower Upper

93 100

63 82.3 45.9 85.9

95 32.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 43.55 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

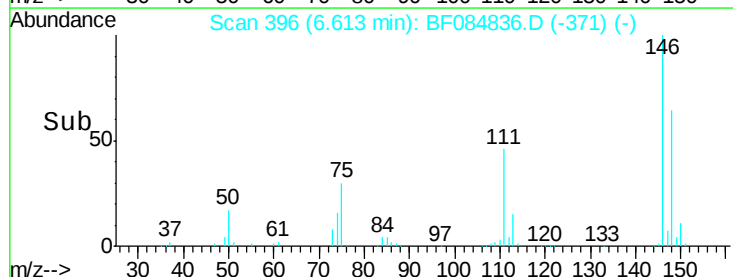
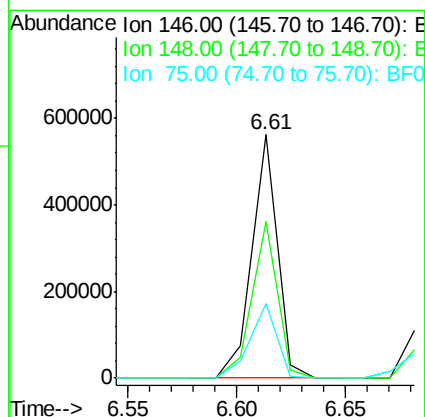
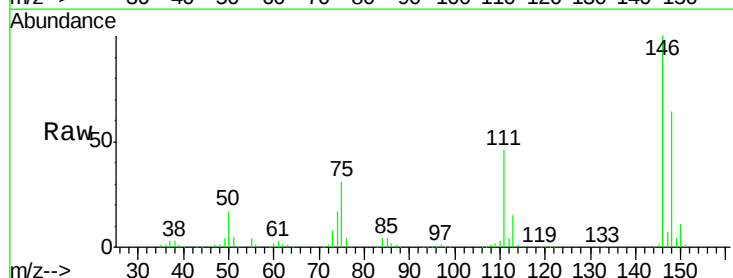
Tgt Ion: 146 Resp: 459560

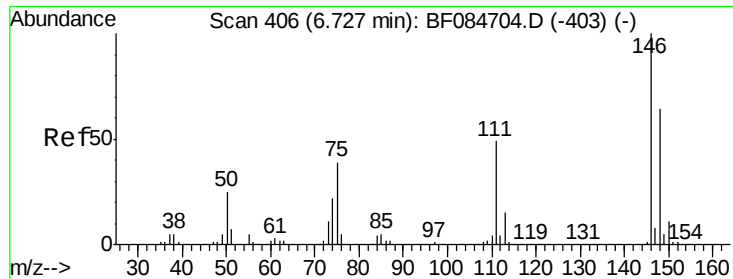
Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

75 30.6 20.5 30.7

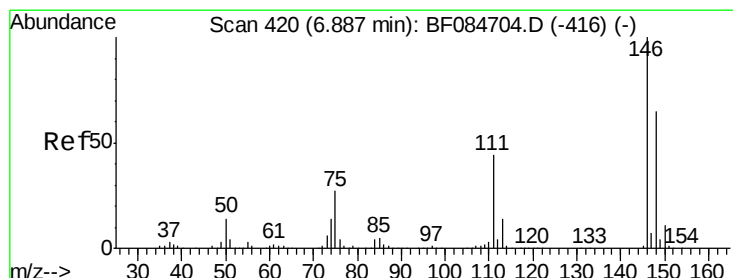
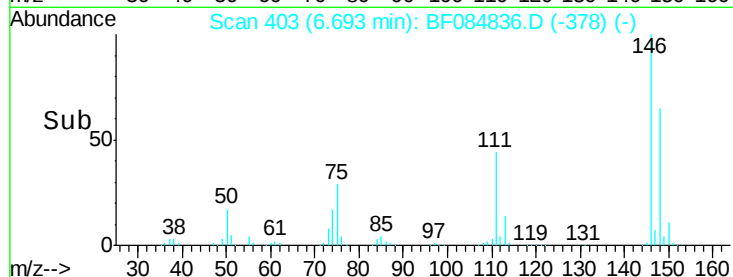
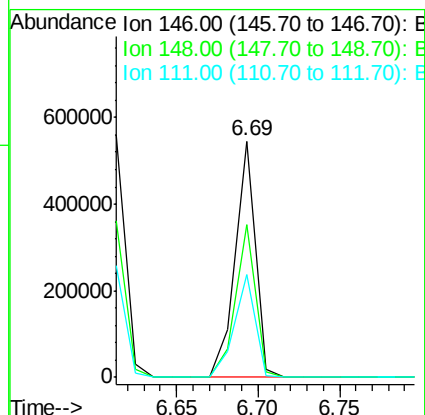
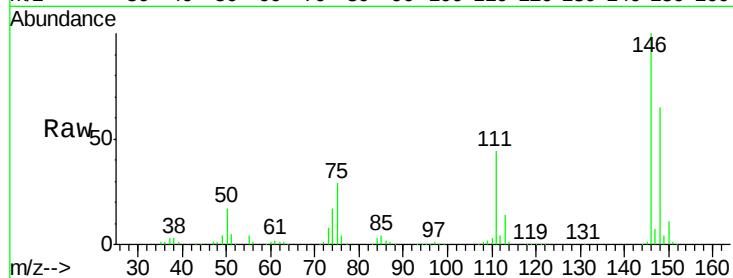




#13
 1,4-Dichlorobenzene
 Concen: 43.92 ng
 RT: 6.69 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

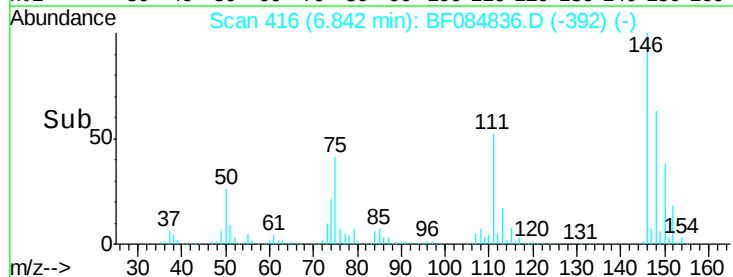
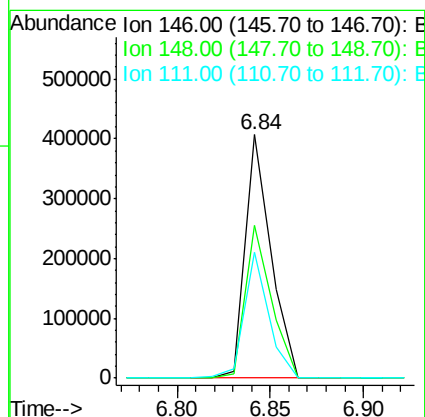
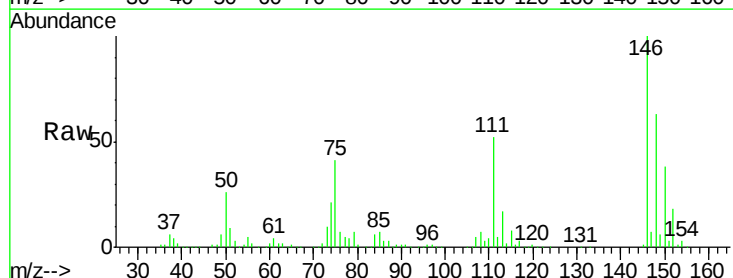
Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

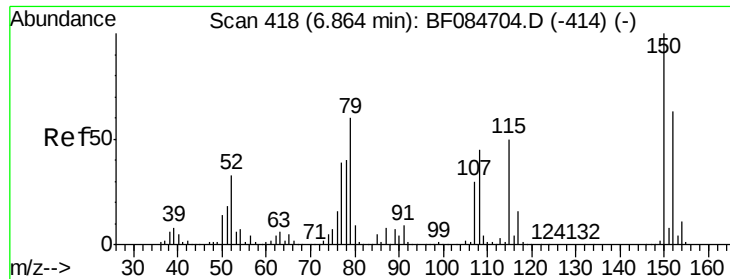
Tgt Ion:146 Resp: 463317
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.9 77.9
 111 43.7 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 39.58 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion:146 Resp: 388881
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.6 77.4
 111 51.8 38.0 57.0





#15

Benzyl Alcohol

Concen: 48.78 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

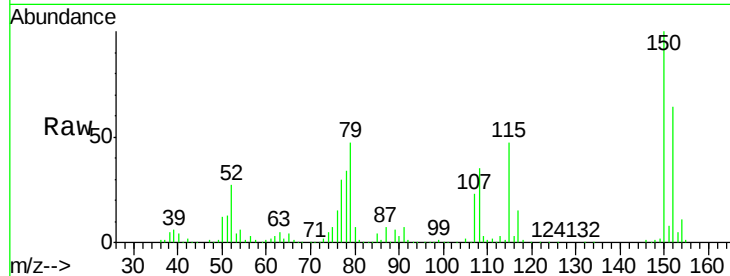
Tgt Ion: 79 Resp: 368450

Ion Ratio Lower Upper

79 100

108 74.0 69.0 103.4

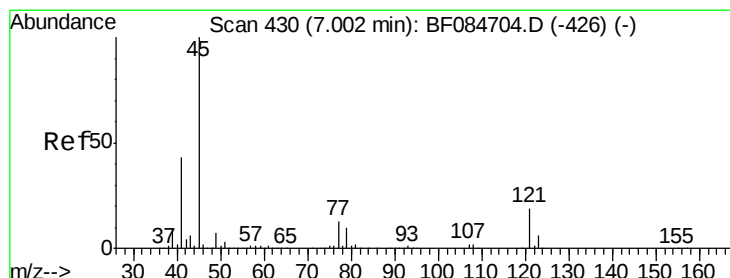
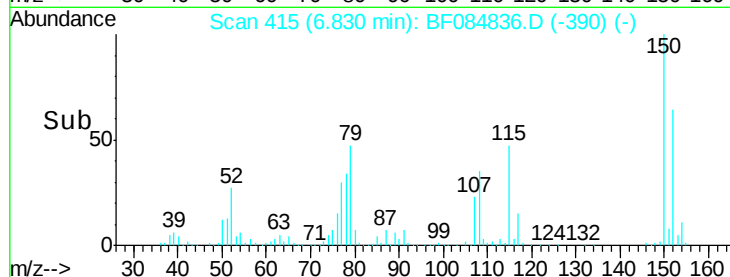
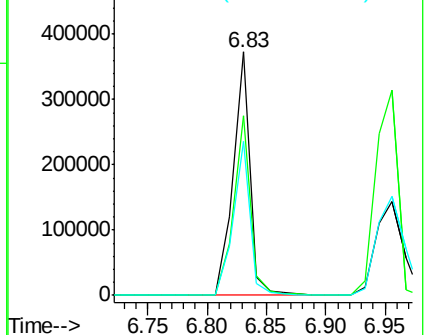
77 63.3 50.0 75.0



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: 41.86 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

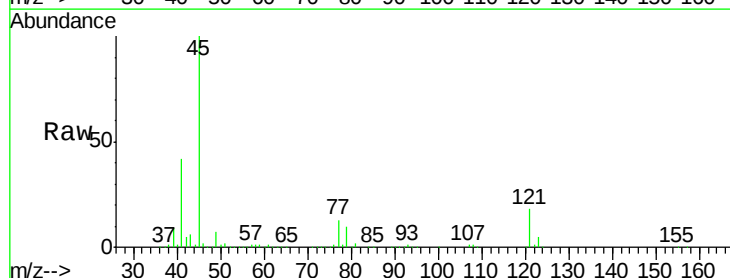
Tgt Ion: 45 Resp: 672861

Ion Ratio Lower Upper

45 100

77 12.5 0.0 39.6

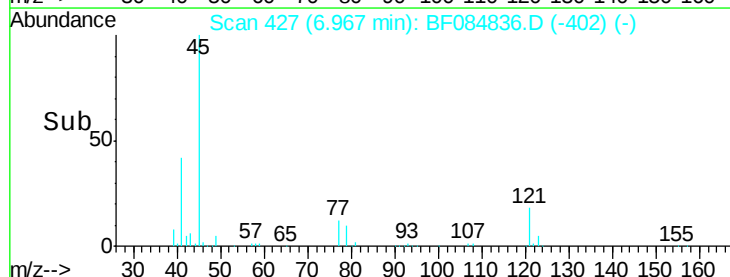
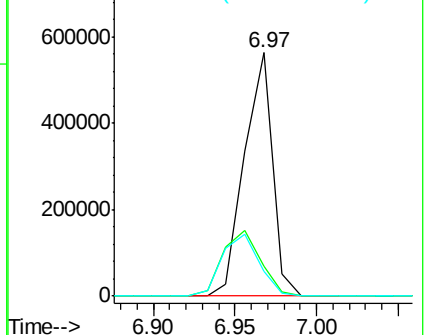
79 10.0 0.0 35.0

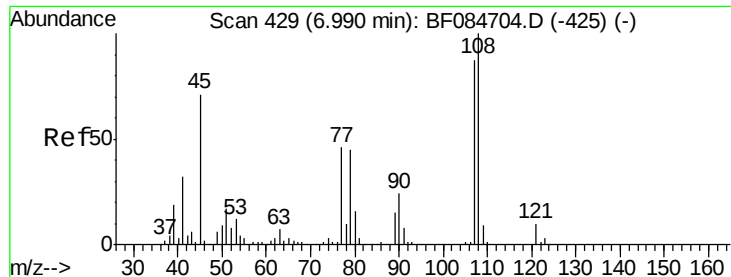


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

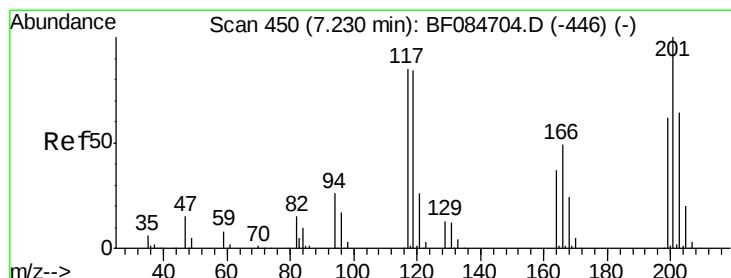
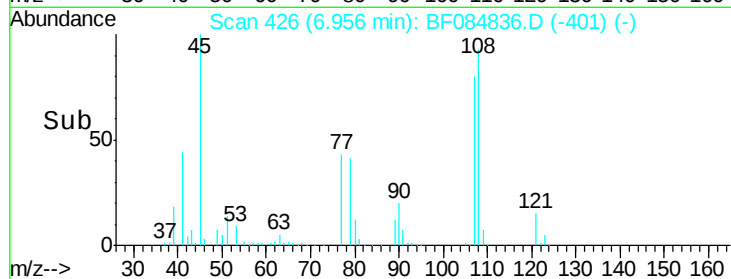
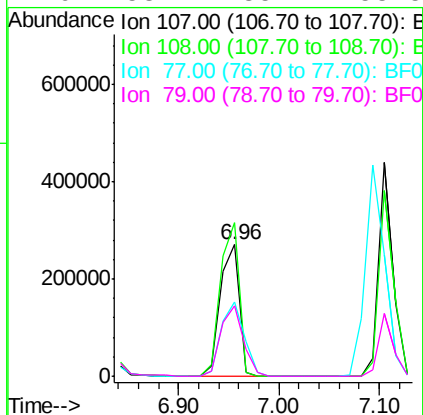
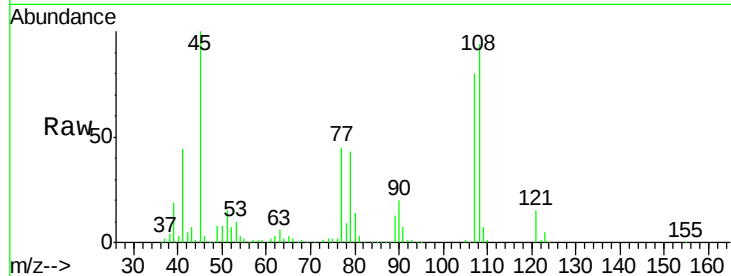




#17
2-Methylphenol
Concen: 45.13 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

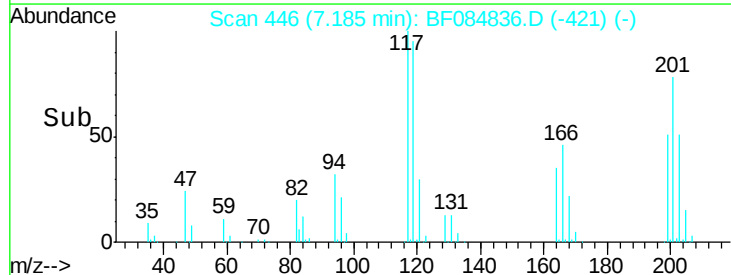
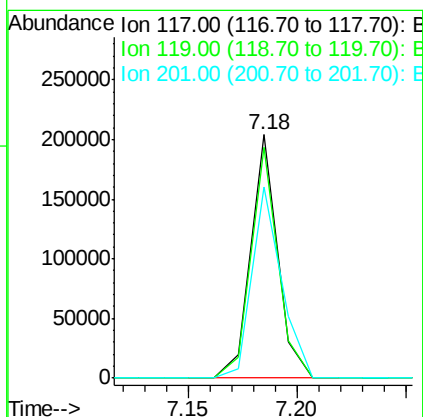
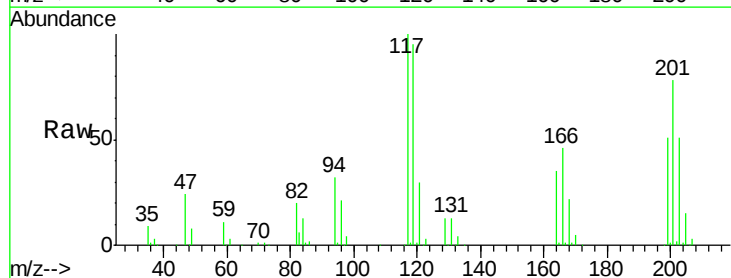
Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tgt Ion:107 Resp: 356433
Ion Ratio Lower Upper
107 100
108 116.7 89.8 134.6
77 56.3 35.7 53.5#
79 53.4 35.7 53.5



#18
Hexachloroethane
Concen: 42.86 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion:117 Resp: 174114
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.0
201 78.4 68.6 103.0

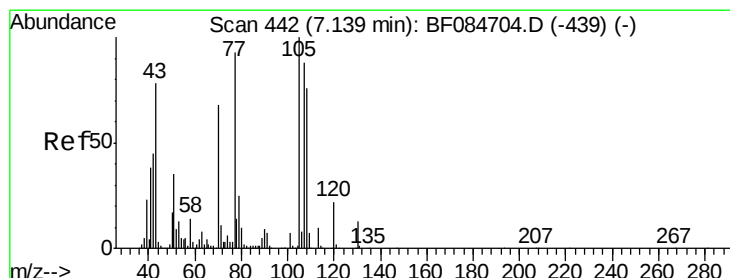
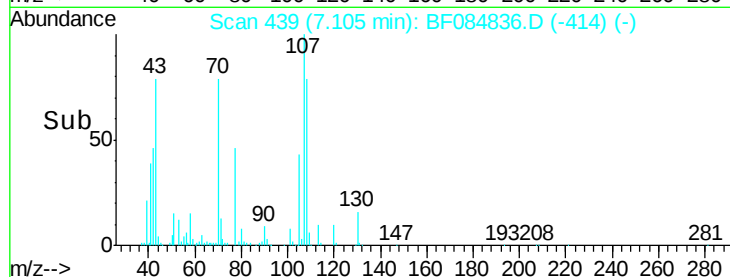
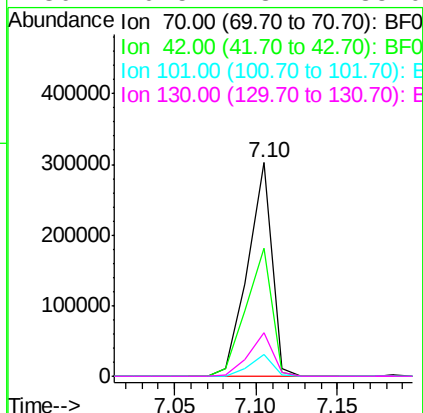
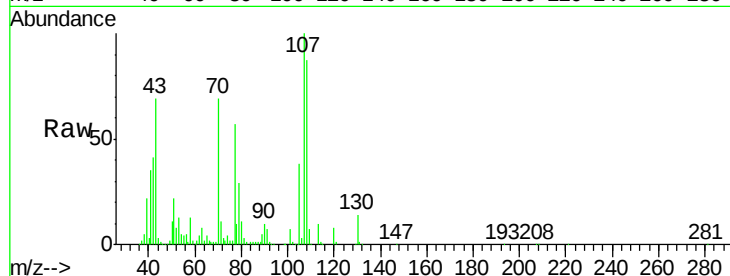




#19
n-Nitroso-di-n-propylamine
Concen: 45.54 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

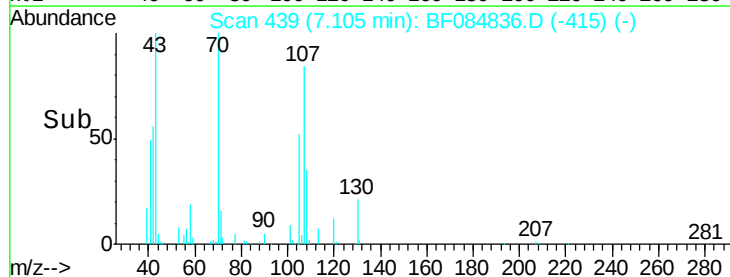
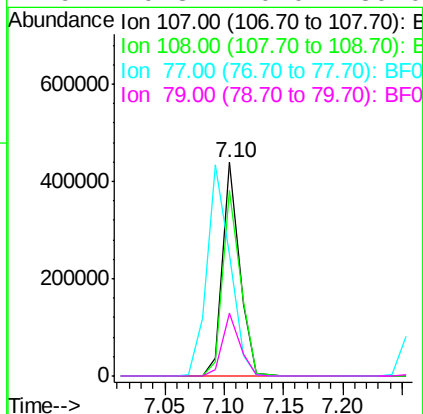
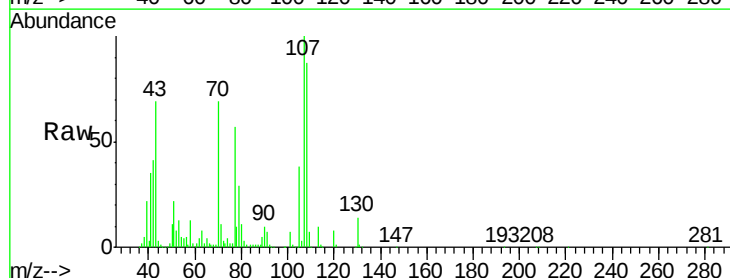
Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tgt Ion: 70 Resp: 312209
Ion Ratio Lower Upper
70 100
42 60.0 33.3 49.9#
101 9.9 9.3 13.9
130 20.5 23.4 35.0#



#20
3+4-Methylphenols
Concen: 44.30 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion: 107 Resp: 434308
Ion Ratio Lower Upper
107 100
108 86.8 74.6 114.6
77 56.9 0.7 40.7#
79 29.3 0.0 39.0

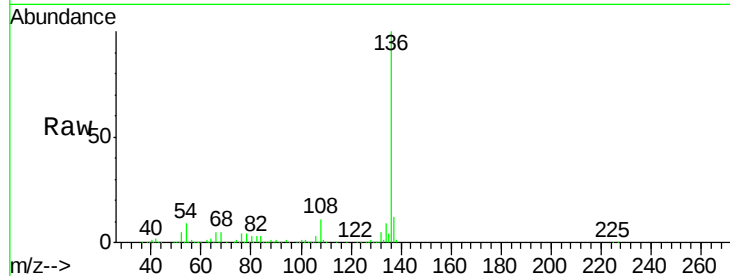




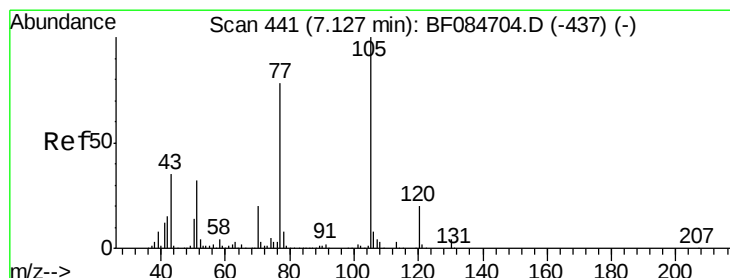
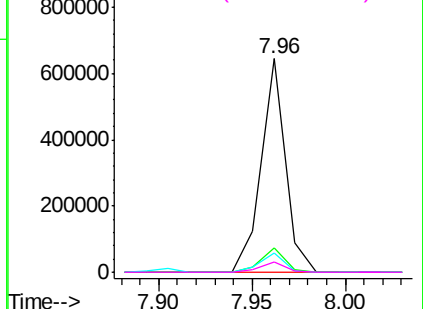
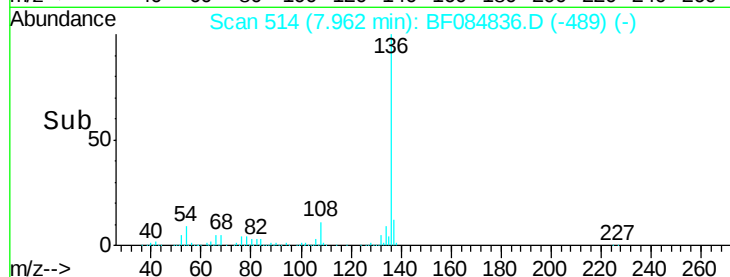
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tgt Ion:	136	Resp:	589292
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.7	13.1
54	8.7	5.8	8.8
68	5.0	4.2	6.2

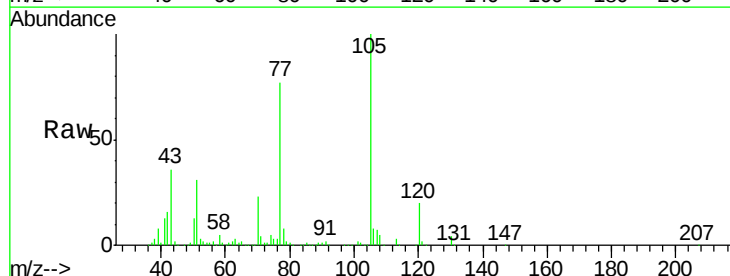


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

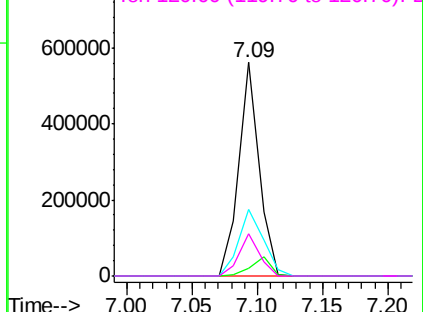
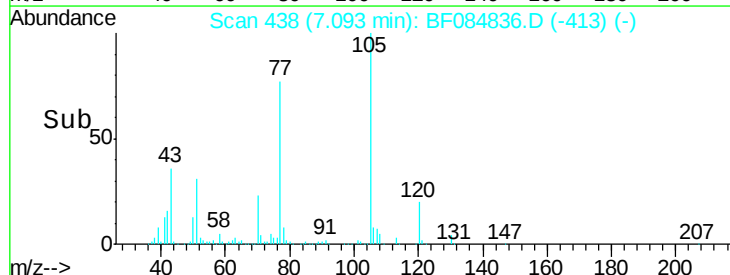


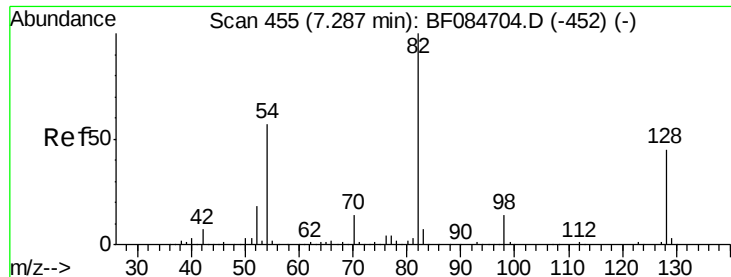
#22
Acetophenone
Concen: 38.83 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion:	105	Resp:	603146
Ion Ratio	Lower	Upper	
105	100		
71	3.8	3.7	5.5
51	31.4	25.1	37.7
120	20.0	16.6	25.0



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





#23

Nitrobenzene-d5

Concen: 88.13 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

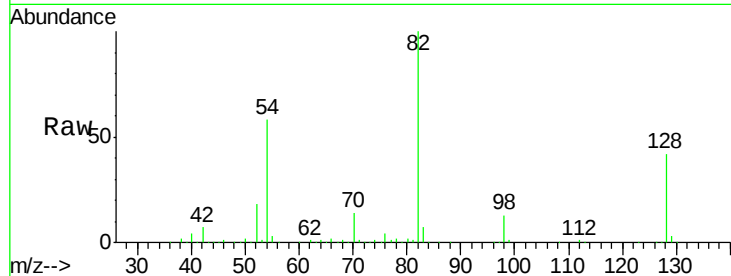
Tgt Ion: 82 Resp: 921971

Ion Ratio Lower Upper

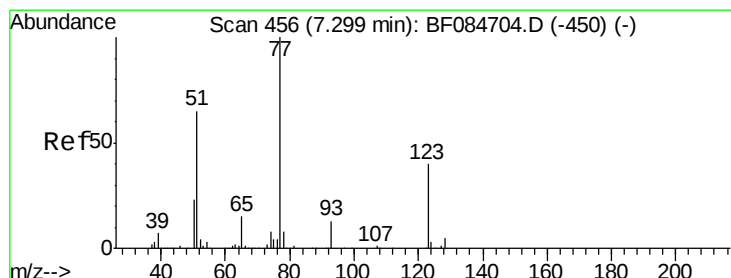
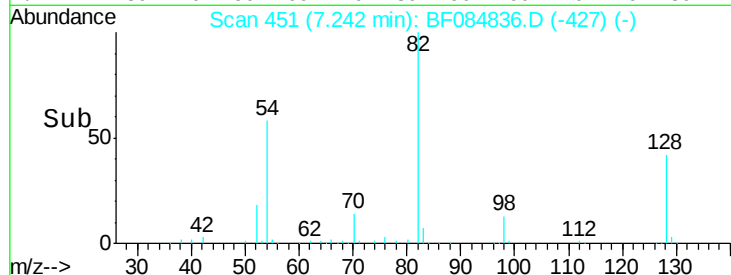
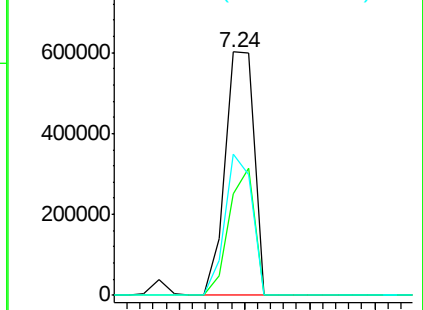
82 100

128 41.7 34.6 51.8

54 57.8 38.4 57.6#



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



#24

Nitrobenzene

Concen: 39.71 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

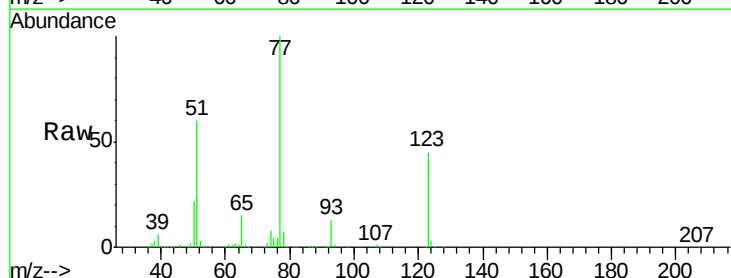
Tgt Ion: 77 Resp: 444824

Ion Ratio Lower Upper

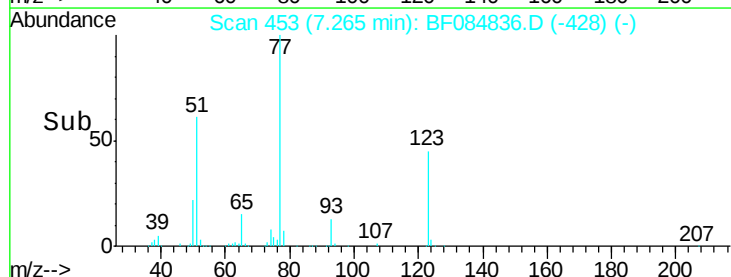
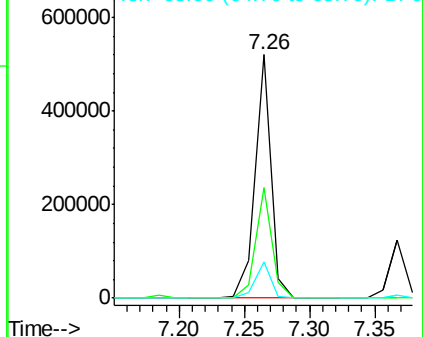
77 100

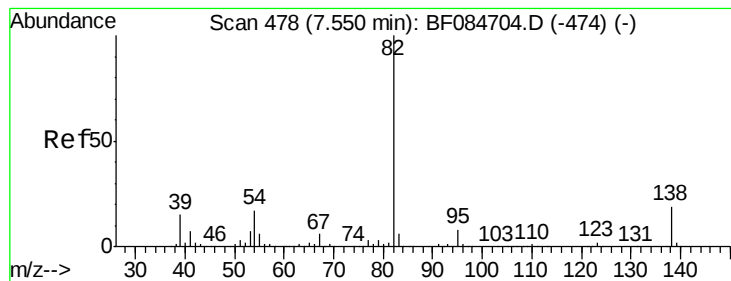
123 45.3 37.4 56.2

65 14.9 10.9 16.3



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: 40.62 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

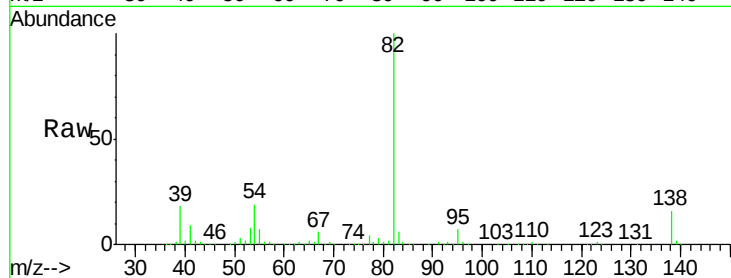
Tgt Ion: 82 Resp: 826190

Ion Ratio Lower Upper

82 100

95 7.3 6.6 10.0

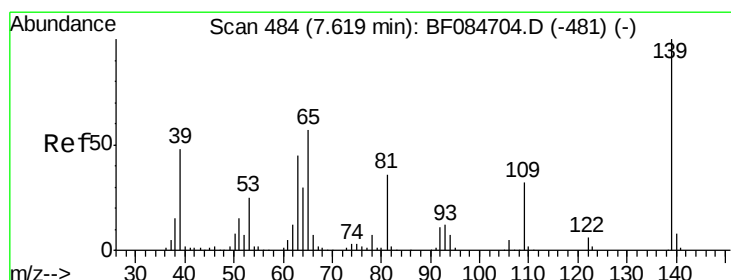
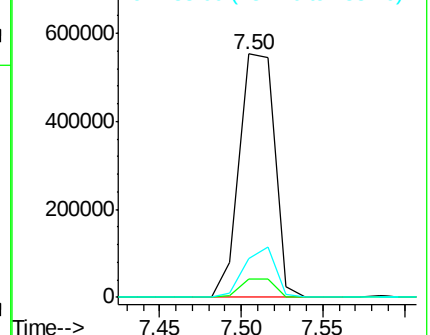
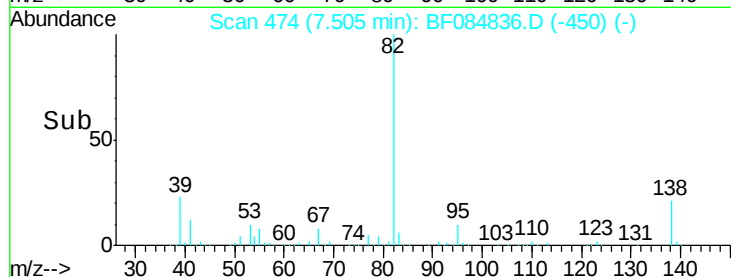
138 15.9 13.6 20.4



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: 45.50 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

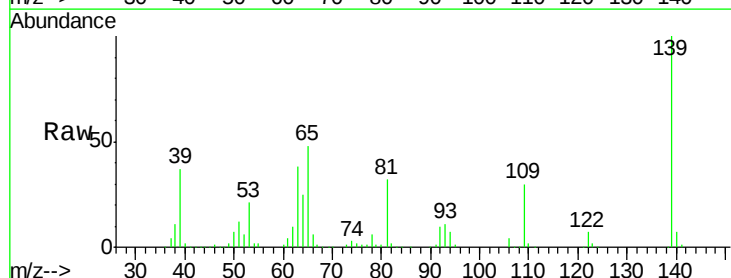
Tgt Ion: 139 Resp: 251396

Ion Ratio Lower Upper

139 100

109 30.1 25.4 38.2

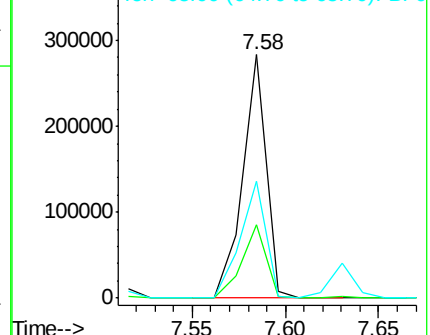
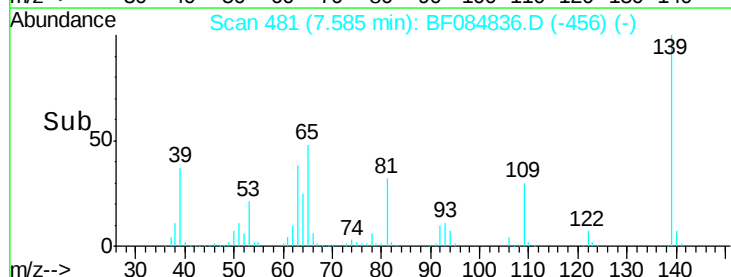
65 48.0 32.3 48.5

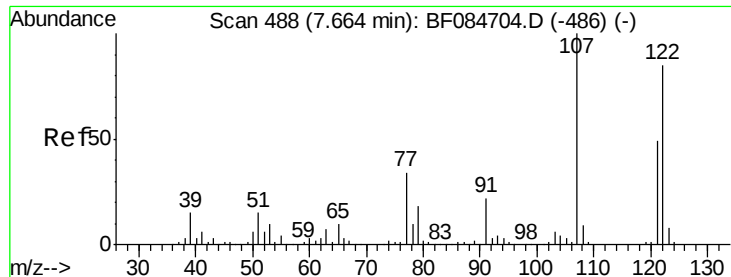


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

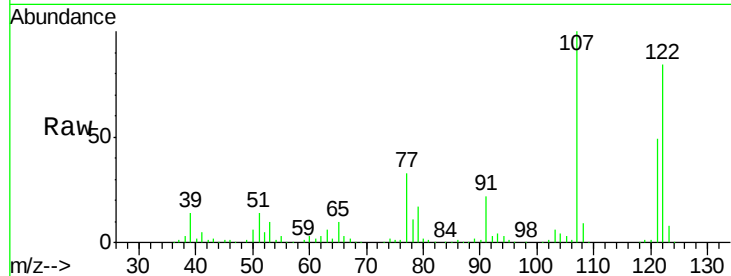




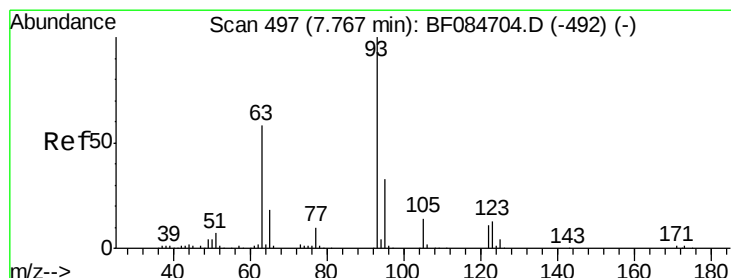
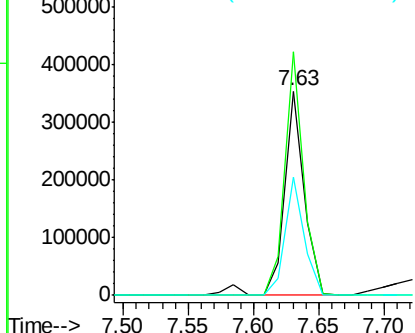
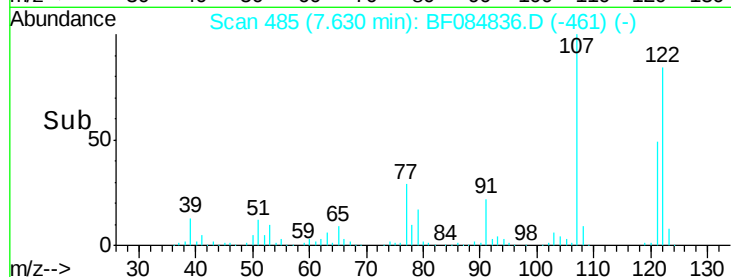
#27
 2,4-Dimethylphenol
 Concen: 40.29 ng
 RT: 7.63 min Scan# 485
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

Tgt Ion: 122 Resp: 387183
 Ion Ratio Lower Upper
 122 100
 107 119.3 99.1 148.7
 121 58.0 47.9 71.9

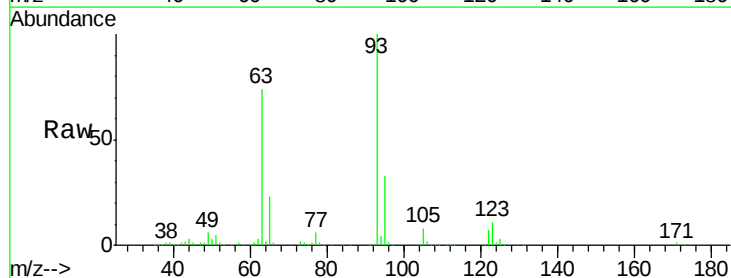


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

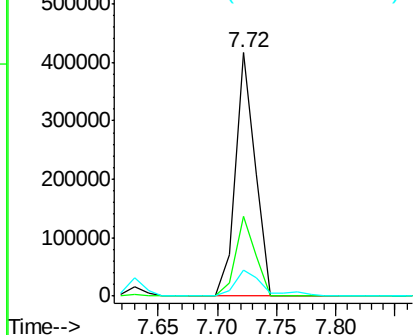
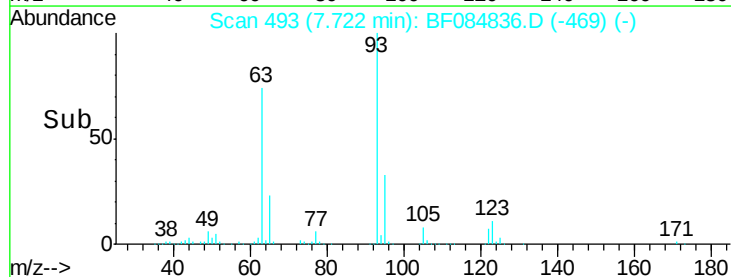


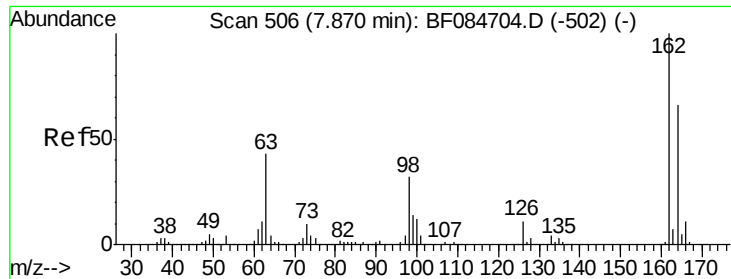
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.77 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion: 93 Resp: 479980
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.8 38.6
 123 10.6 8.6 12.8



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

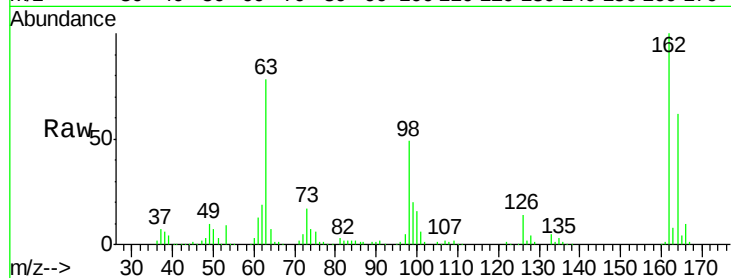




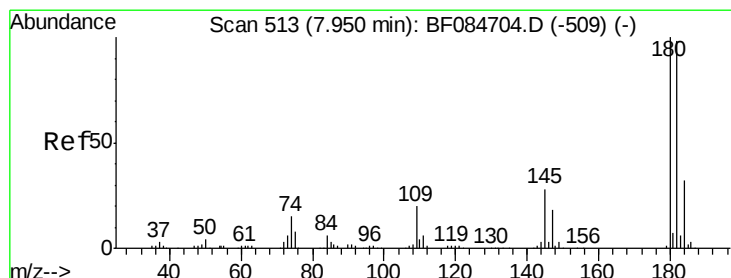
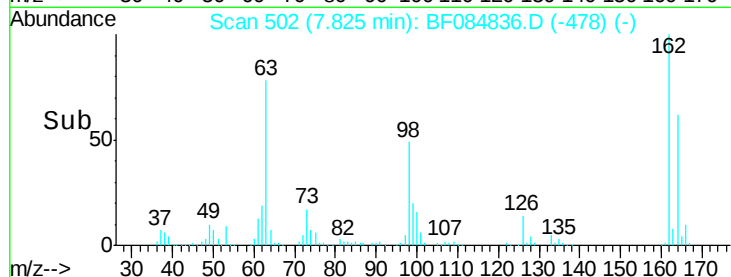
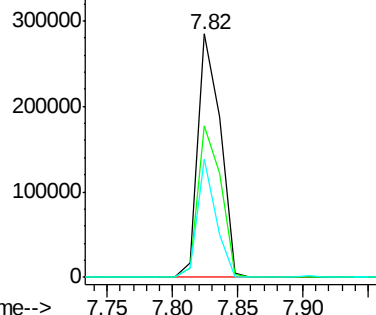
#29
 2,4-Dichlorophenol
 Concen: 41.43 ng
 RT: 7.82 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.1	84.1
98	48.6	20.2	60.2

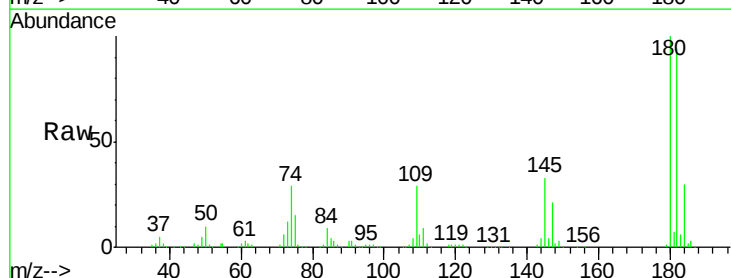


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

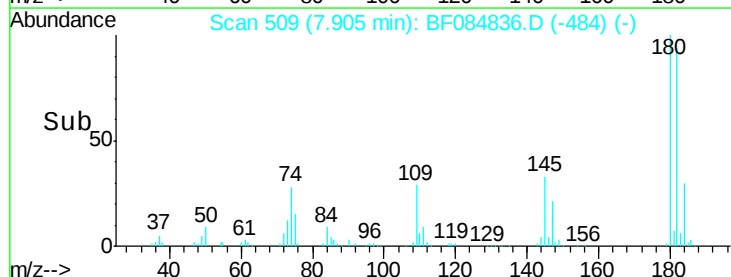
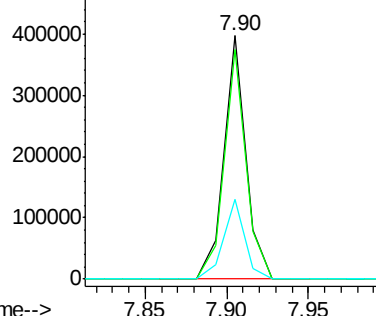


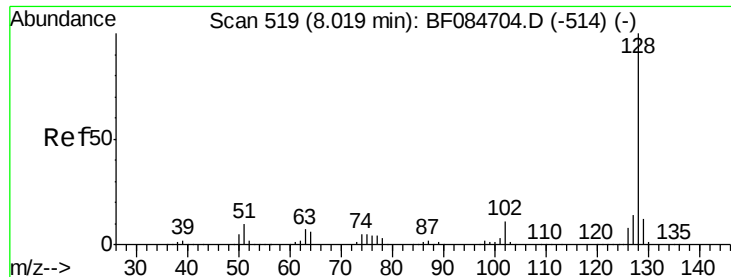
#30
 1,2,4-Trichlorobenzene
 Concen: 40.07 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.4	114.6
145	32.7	31.6	47.4



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

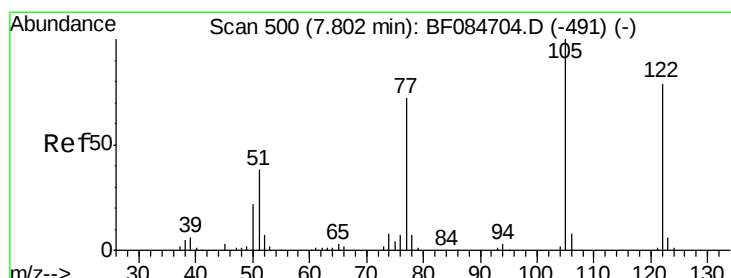
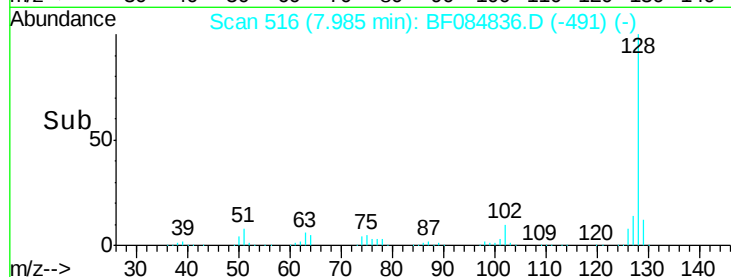
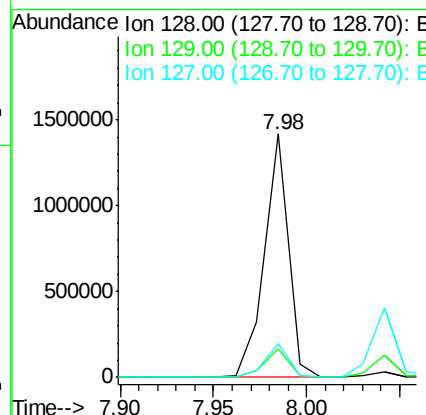
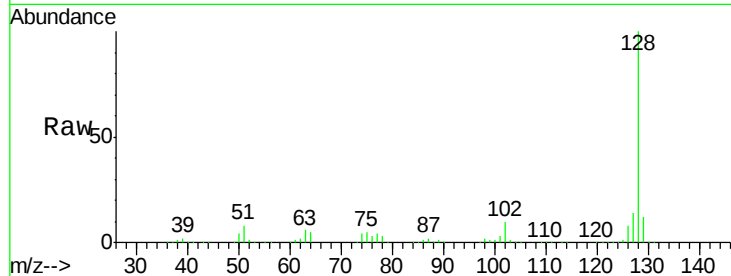




#31
Naphthalene
Concen: 42.31 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

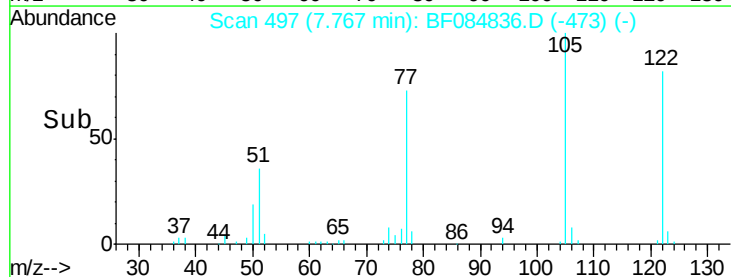
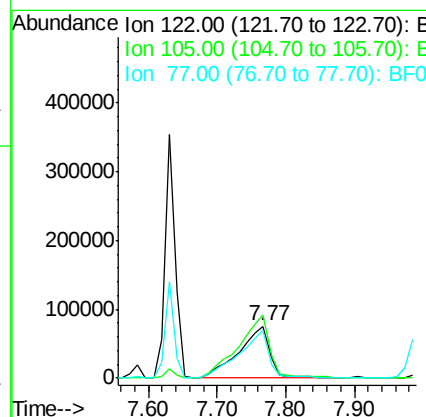
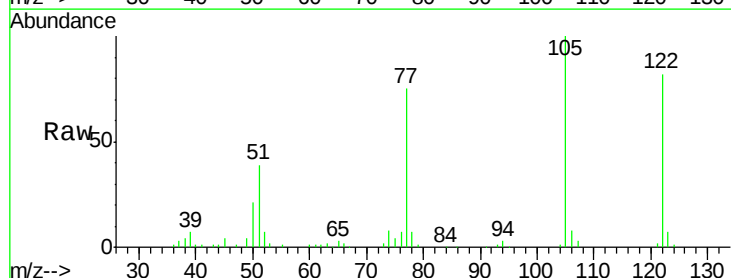
Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

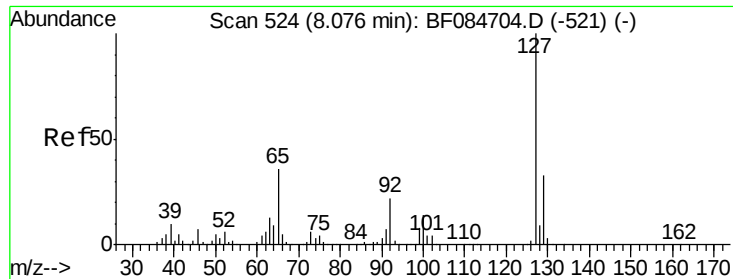
Tgt Ion:128 Resp: 1250757
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.7 11.1 16.7



#32
Benzoic acid
Concen: 37.86 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.02 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion:122 Resp: 232717
Ion Ratio Lower Upper
122 100
105 122.1 100.3 140.3
77 92.1 63.5 103.5

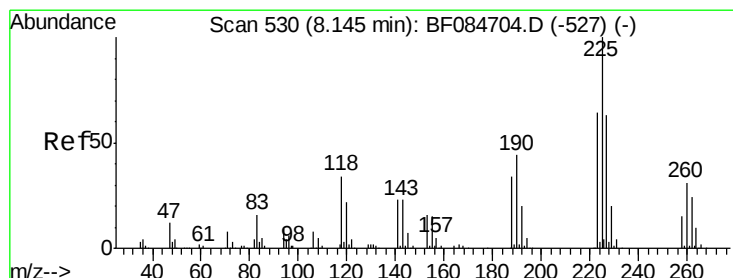
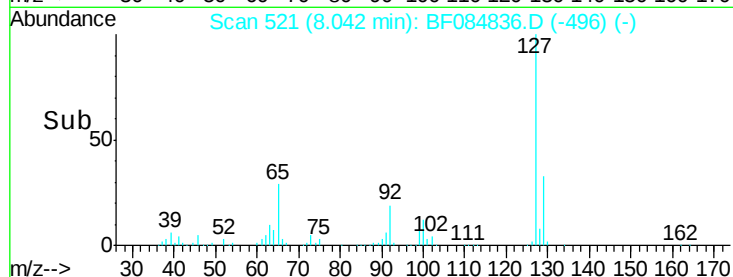
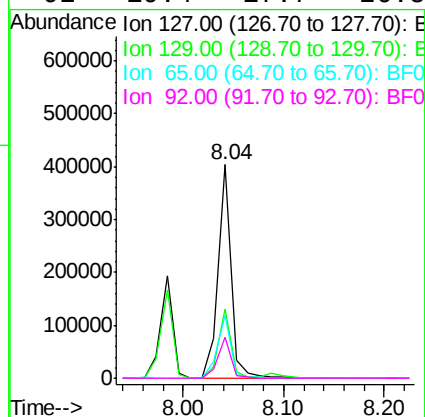
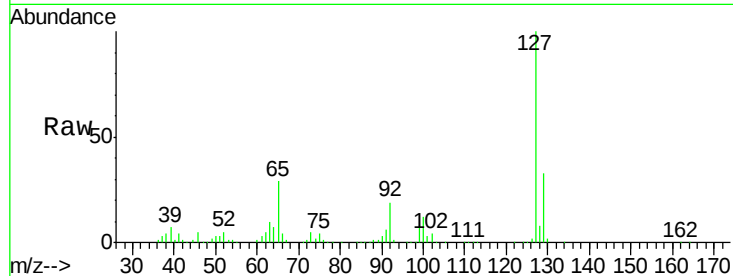




#33
4-Chloroaniline
Concen: 29.99 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

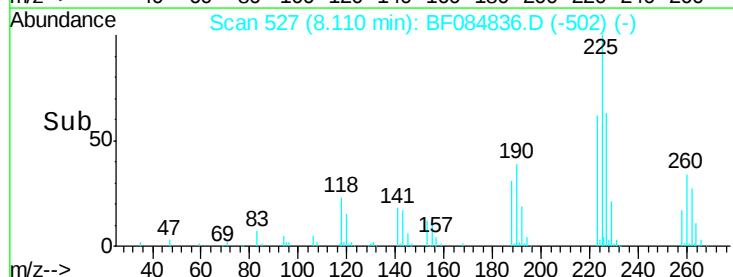
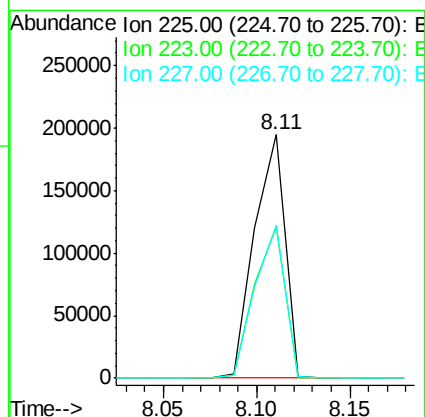
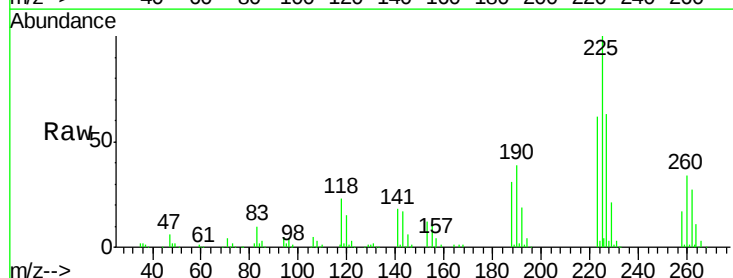
Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tgt Ion:	127	Resp:	366625
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.5	39.7
65	29.1	27.2	40.8
92	19.4	17.7	26.5



#34
Hexachlorobutadiene
Concen: 40.93 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion:	225	Resp:	219206
Ion	Ratio	Lower	Upper
225	100		
223	62.3	49.4	74.0
227	62.6	50.8	76.2

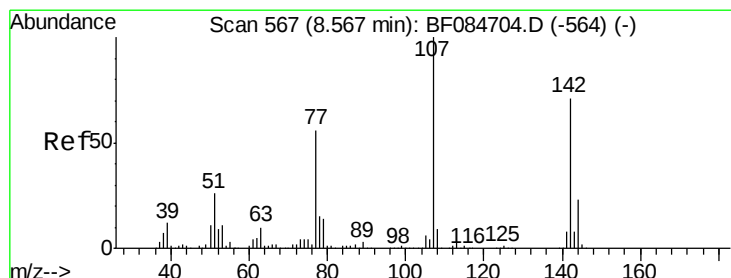
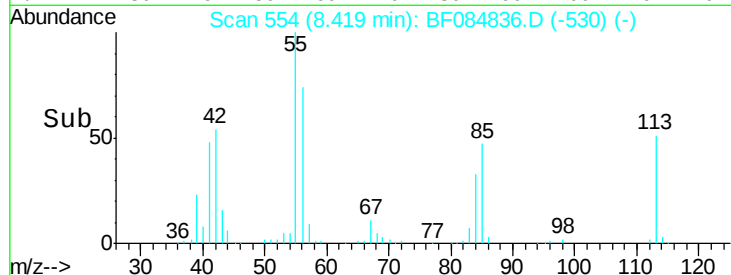
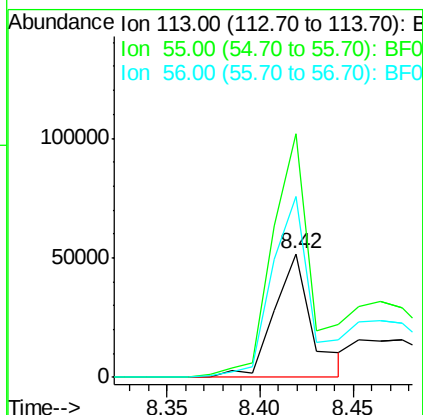
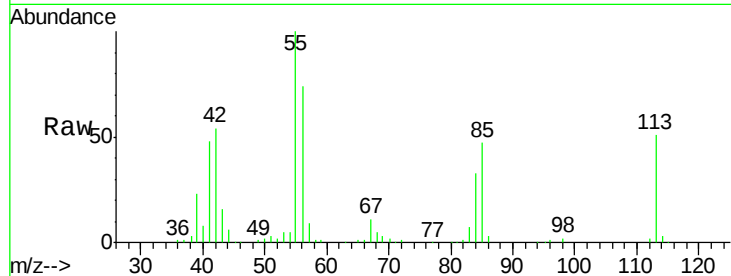




#35
 Caprolactam
 Concen: 28.46 ng
 RT: 8.42 min Scan# 554
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

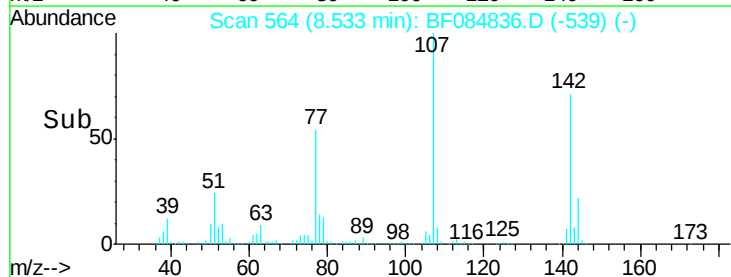
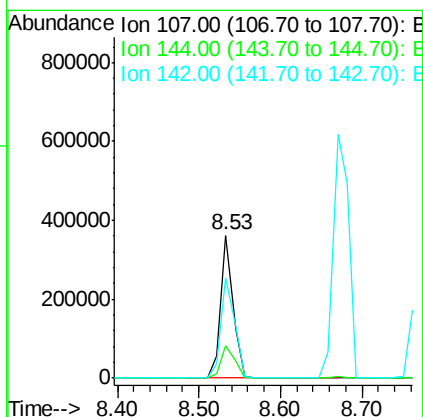
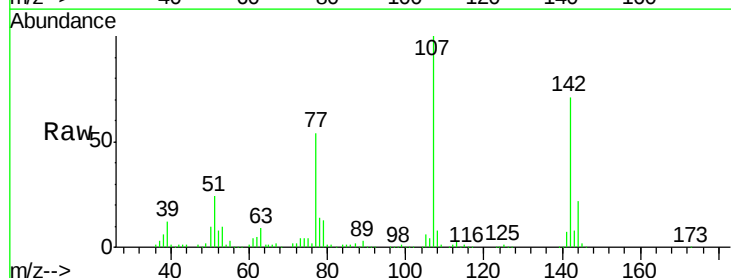
Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

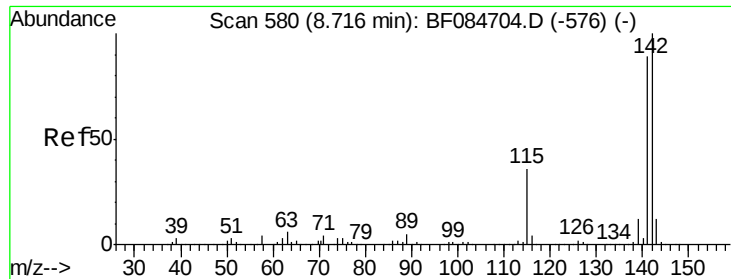
Tgt Ion:113 Resp: 72130
 Ion Ratio Lower Upper
 113 100
 55 197.2 116.9 156.9#
 56 146.8 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 40.57 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion:107 Resp: 380608
 Ion Ratio Lower Upper
 107 100
 144 22.5 19.7 29.5
 142 70.7 61.8 92.6

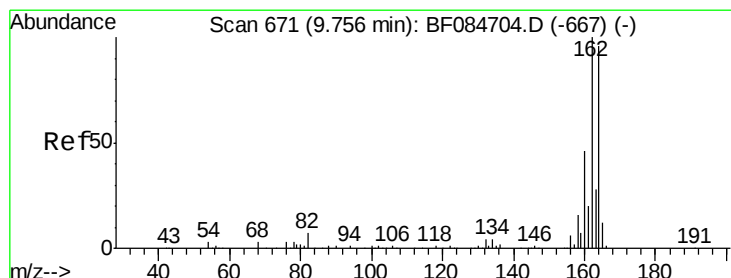
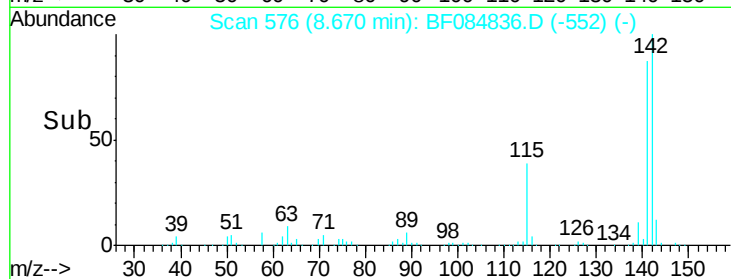
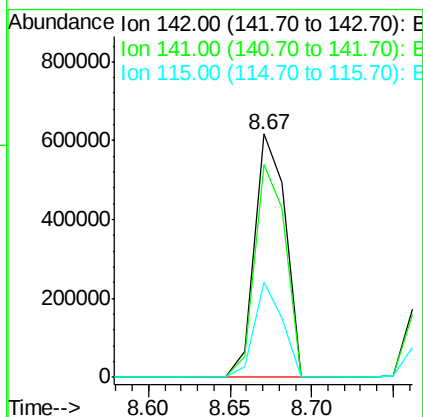
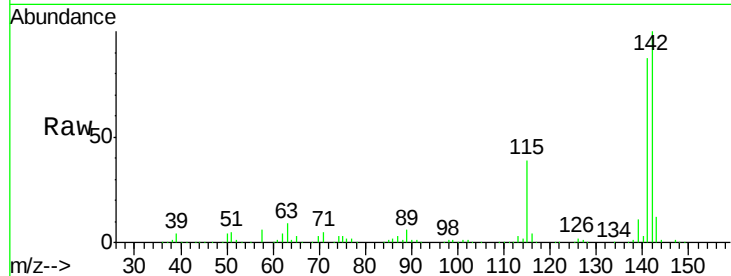




#37
 2-Methylnaphthalene
 Concen: 43.67 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

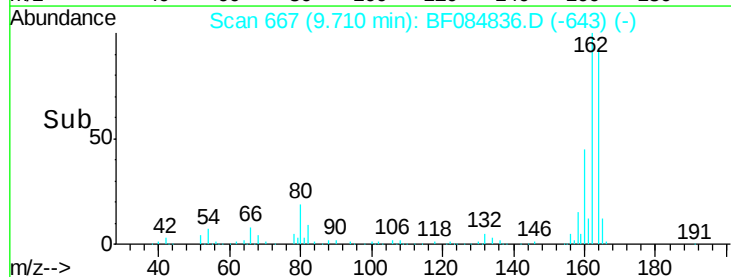
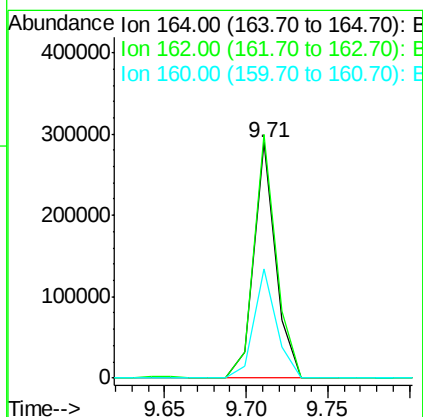
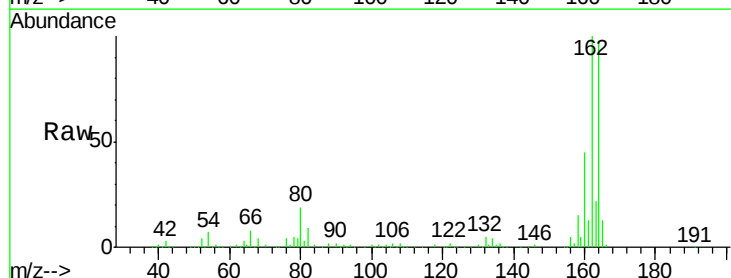
Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

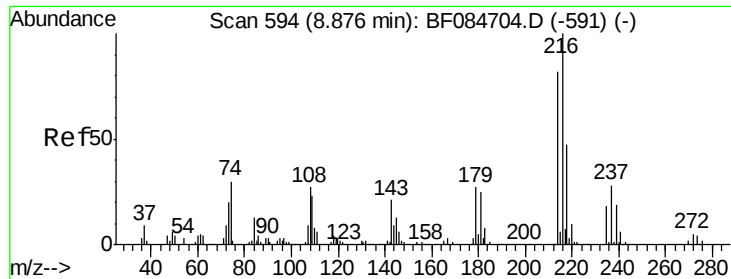
Tgt Ion:142 Resp: 807824
 Ion Ratio Lower Upper
 142 100
 141 87.2 72.4 108.6
 115 38.9 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion:164 Resp: 269591
 Ion Ratio Lower Upper
 164 100
 162 103.4 85.1 127.7
 160 46.3 37.5 56.3

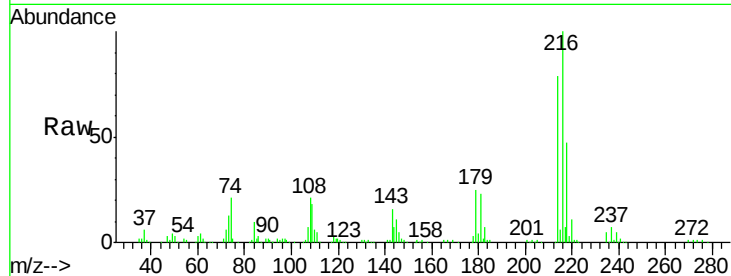




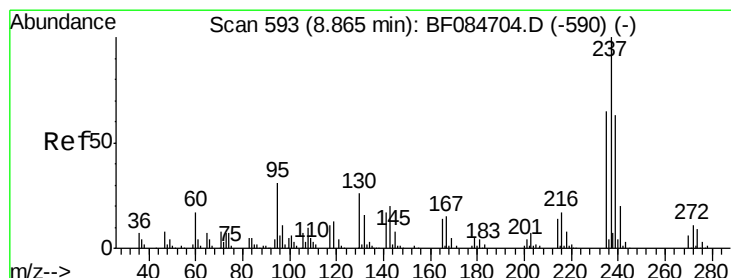
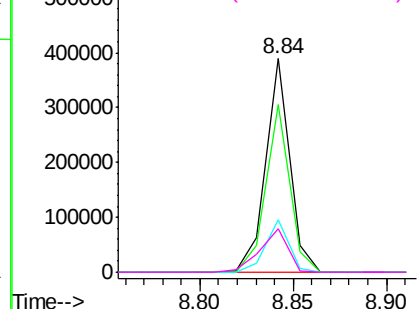
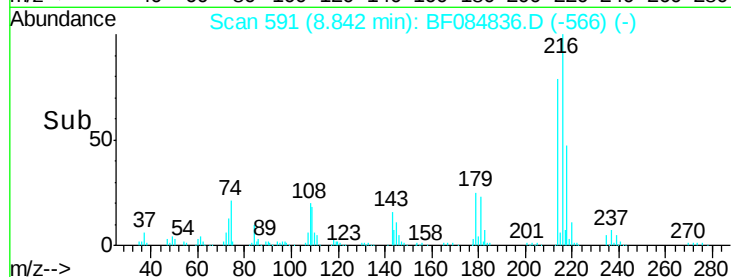
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.29 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

Tgt Ion:	216	Resp:	344977
Ion	Ratio	Lower	Upper
216	100		
214	78.0	64.2	96.2
179	23.7	18.7	28.1
108	24.0	16.8	25.2

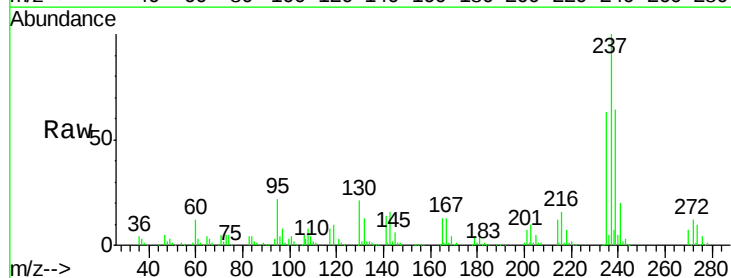


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

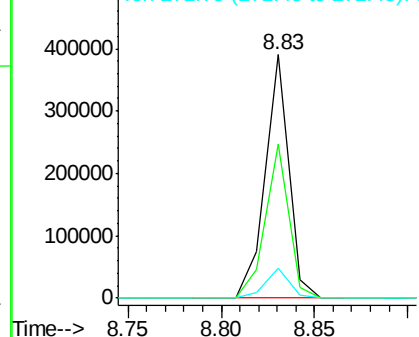
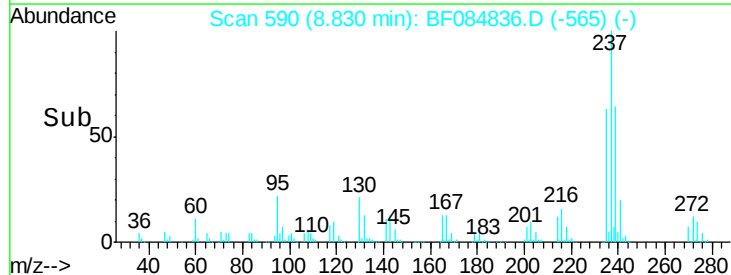


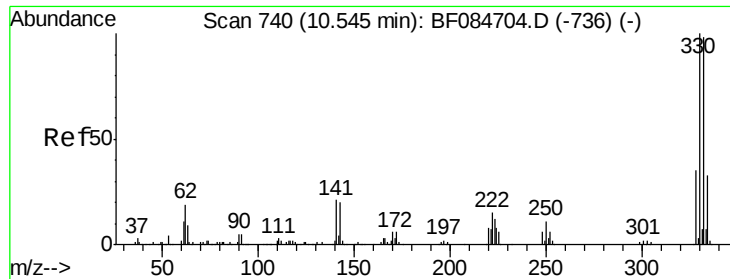
#40
 Hexachlorocyclopentadiene
 Concen: 86.84 ng
 RT: 8.83 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion:	237	Resp:	339681
Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.1	83.1
272	12.5	0.0	35.1



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

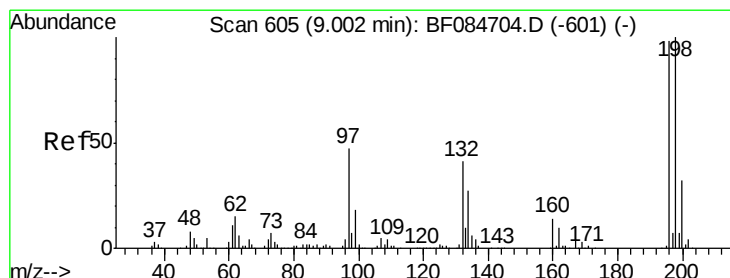
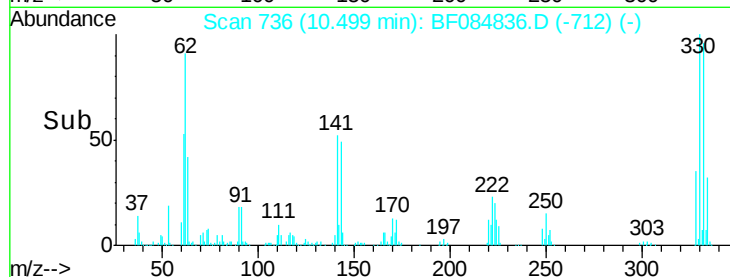
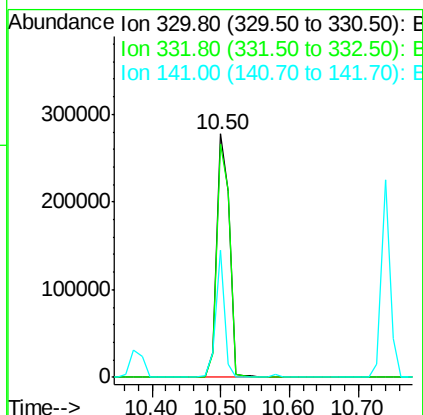
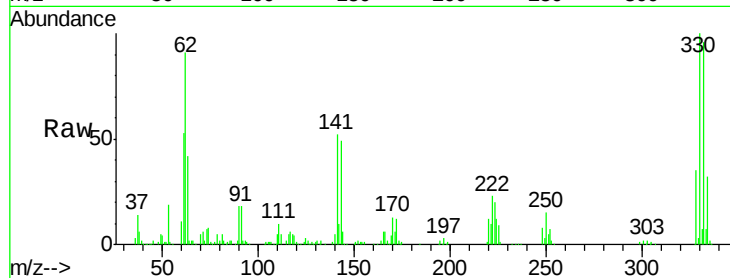




#41
 2,4,6-Tribromophenol
 Concen: 129.53 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

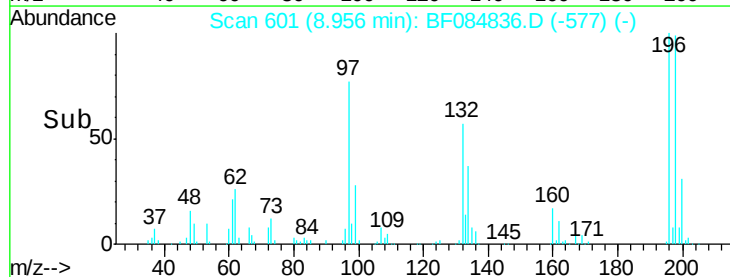
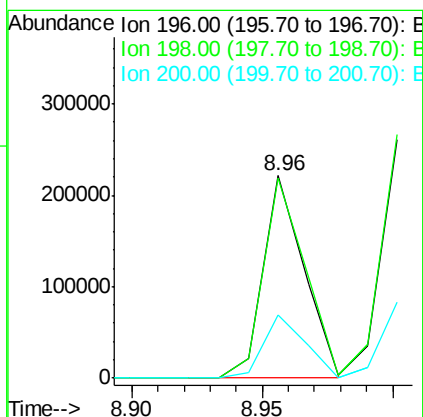
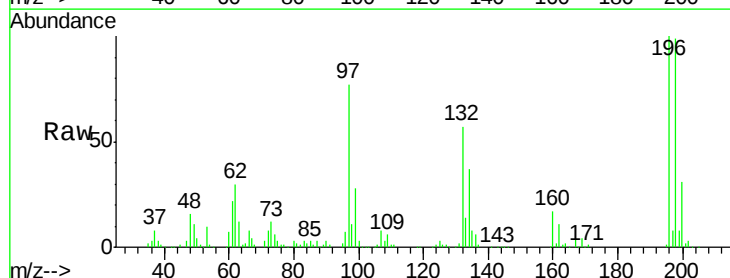
Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

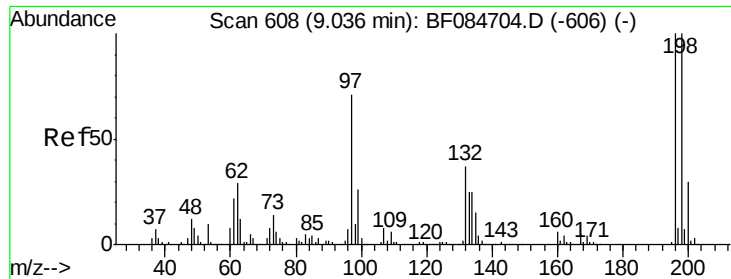
Tgt Ion:330 Resp: 364236
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 114.8
 141 36.1 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 43.19 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion:196 Resp: 238247
 Ion Ratio Lower Upper
 196 100
 198 99.0 77.7 116.5
 200 31.1 24.6 37.0

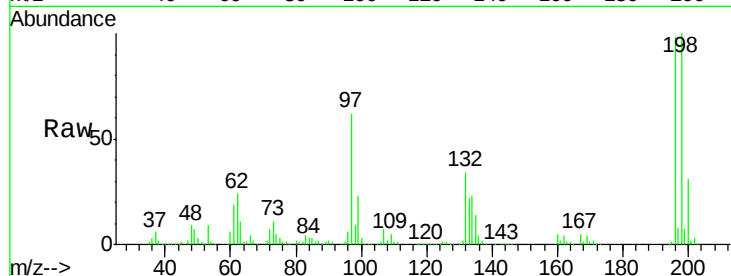




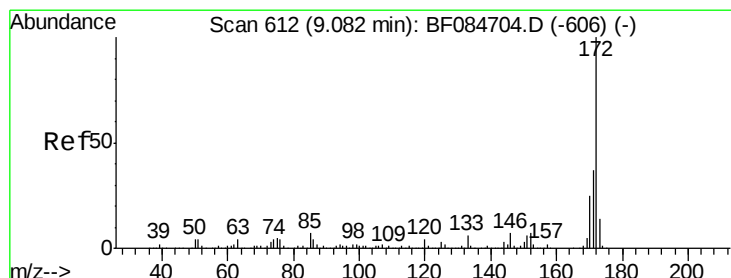
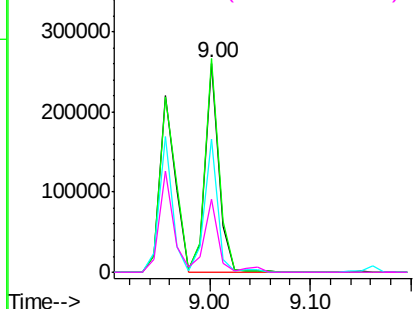
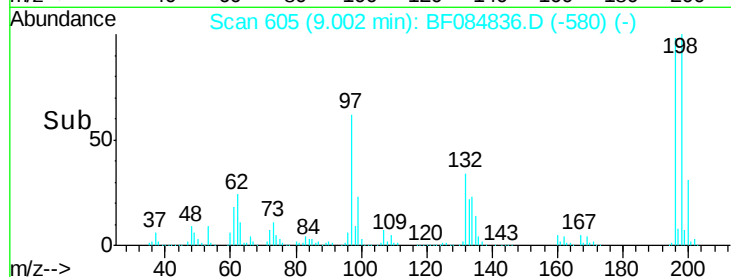
#43
 2,4,5-Trichlorophenol
 Concen: 44.29 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

Tgt Ion:196 Resp: 248259
 Ion Ratio Lower Upper
 196 100
 198 102.1 79.0 118.6
 97 63.5 33.0 49.6#
 132 35.0 21.1 31.7#

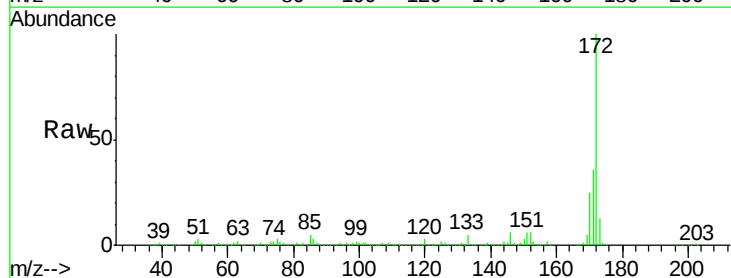


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

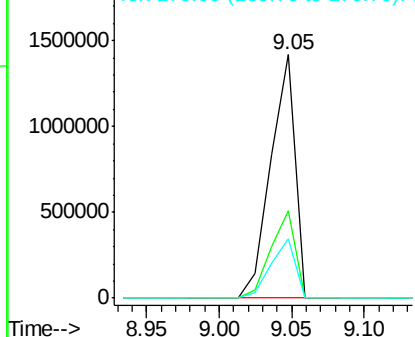
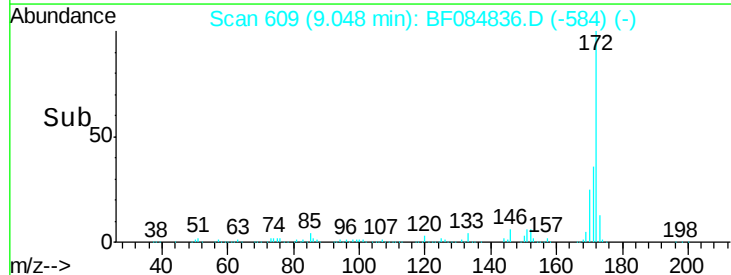


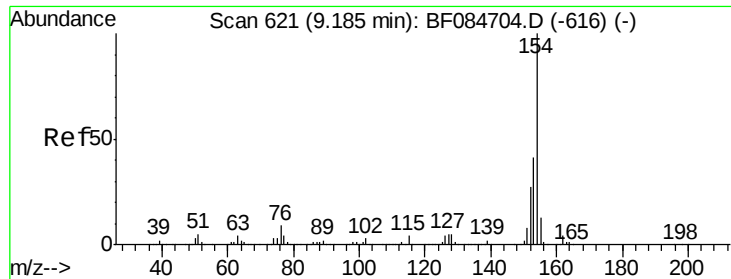
#44
 2-Fluorobiphenyl
 Concen: 118.63 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion:172 Resp: 1648615
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 24.6 18.6 27.8



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

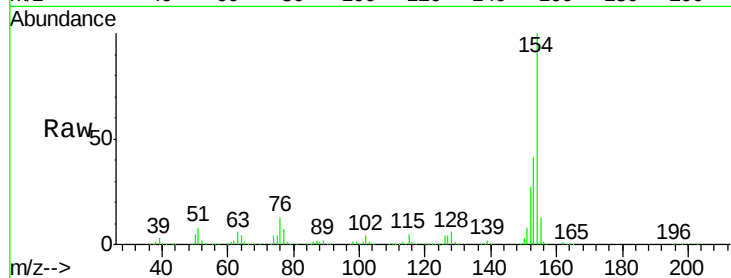




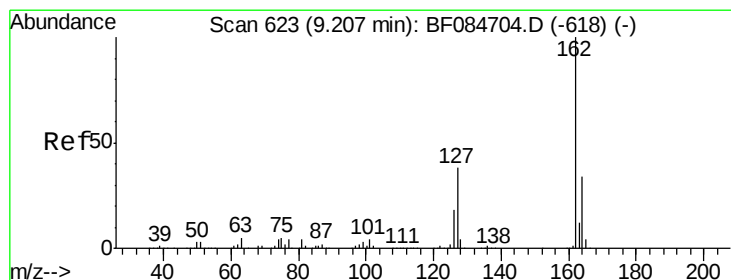
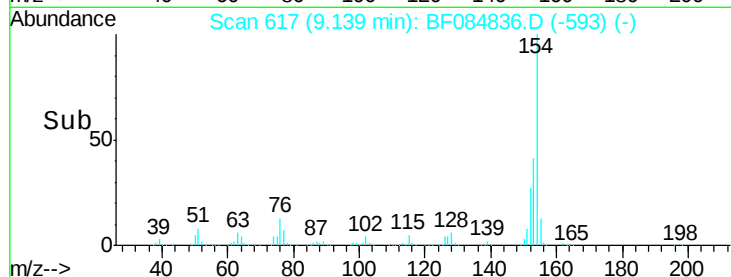
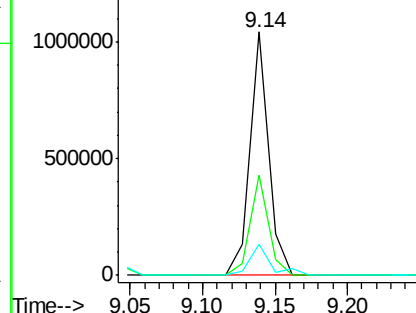
#45
 1,1'-Biphenyl
 Concen: 38.70 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.6	61.6
76	12.9	0.0	32.7

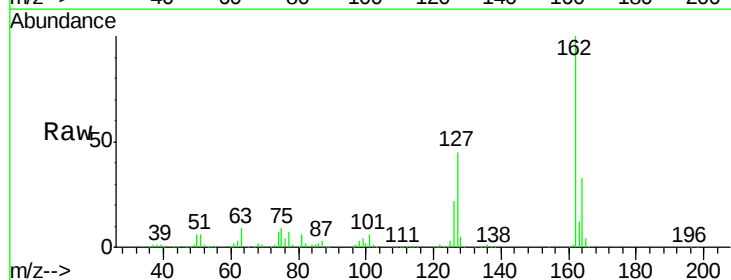


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

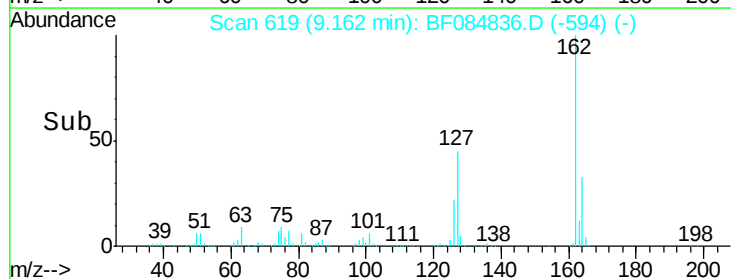
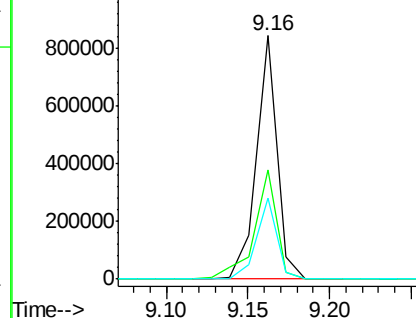


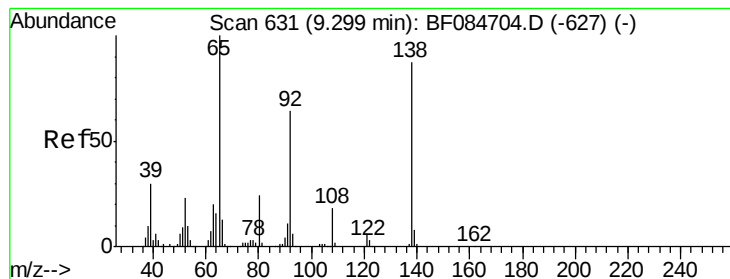
#46
 2-Chloronaphthalene
 Concen: 41.61 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.9	40.2	60.4
164	33.3	25.7	38.5



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: 45.84 ng

RT: 9.26 min Scan# 628

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

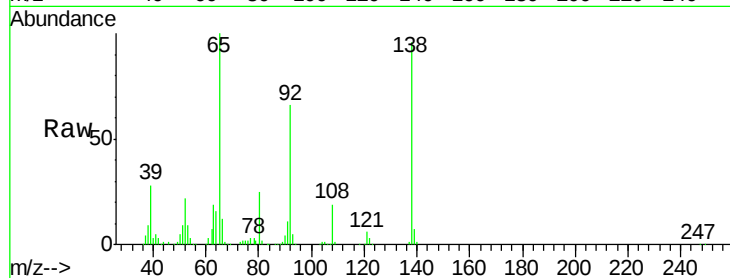
Tgt Ion: 65 Resp: 257392

Ion Ratio Lower Upper

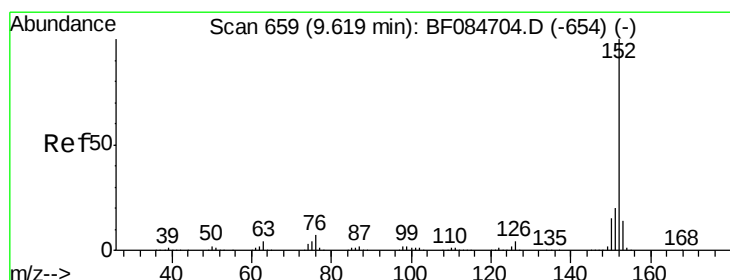
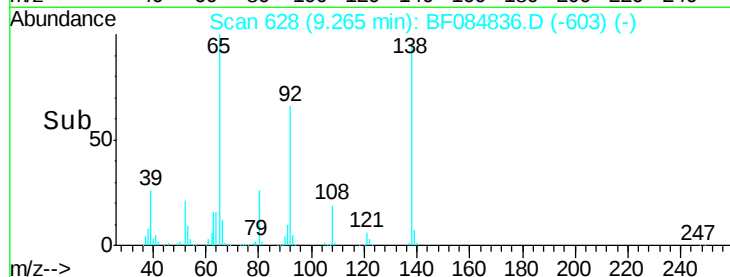
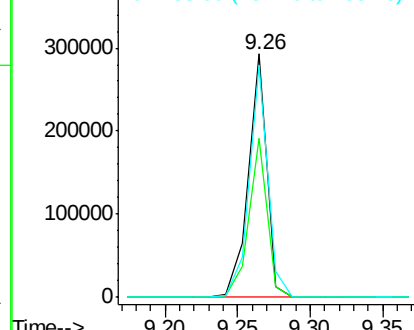
65 100

92 65.5 53.4 80.2

138 95.6 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 40.88 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

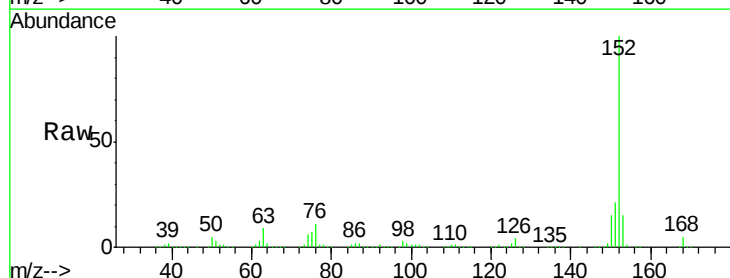
Tgt Ion: 152 Resp: 1099970

Ion Ratio Lower Upper

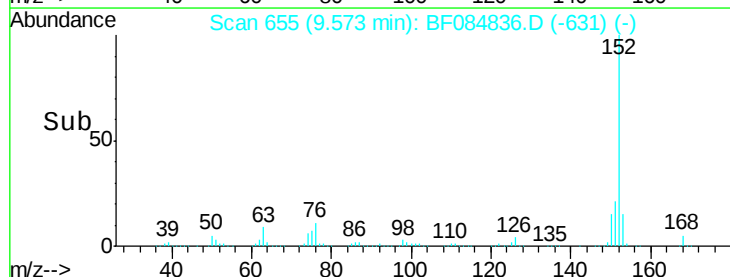
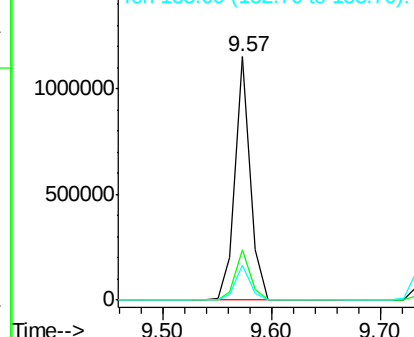
152 100

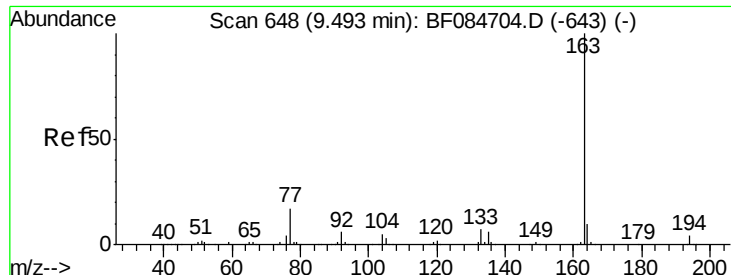
151 20.9 16.3 24.5

153 14.6 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 42.06 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

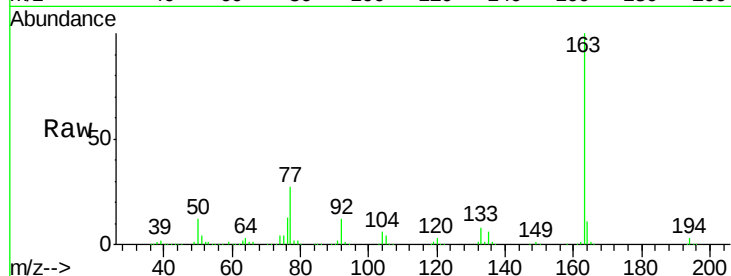
Tgt Ion:163 Resp: 863632

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

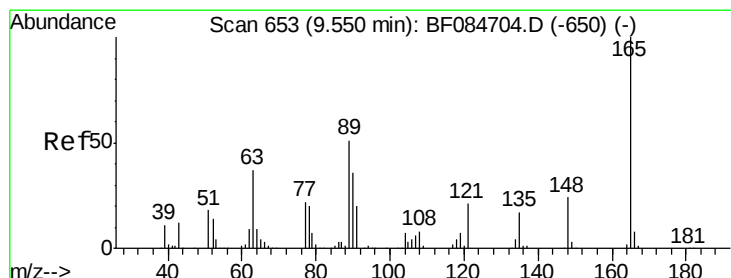
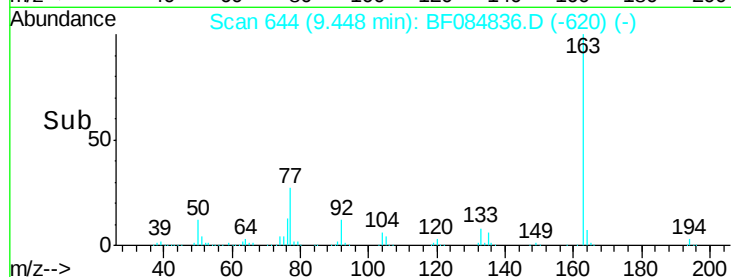
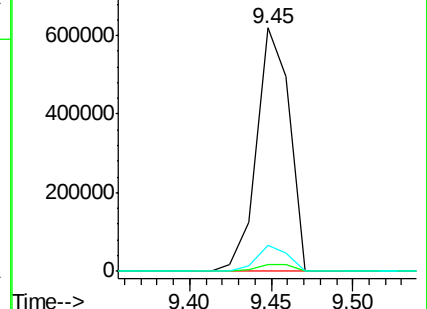
164 10.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.40 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

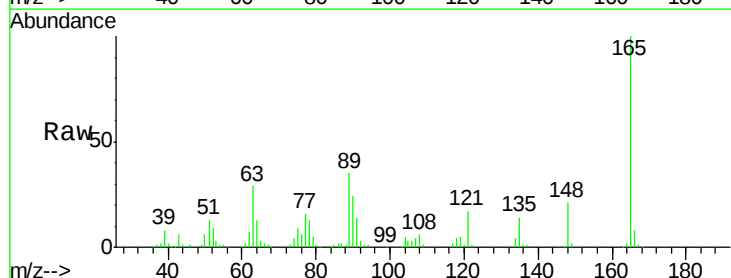
Tgt Ion:165 Resp: 194669

Ion Ratio Lower Upper

165 100

63 29.0 28.8 43.2

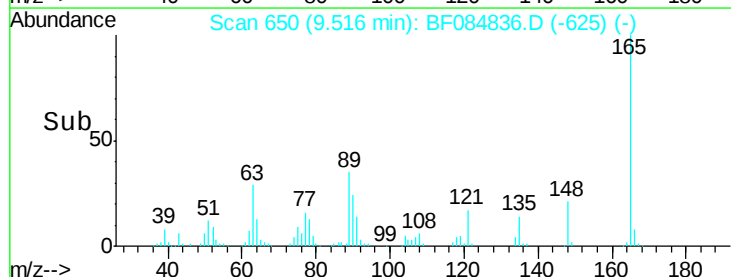
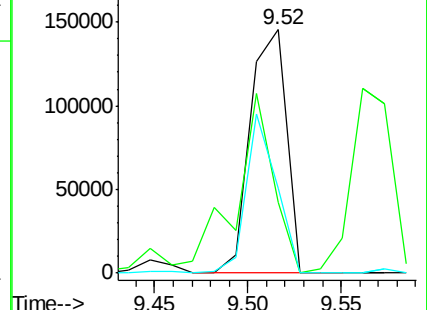
89 35.0 35.1 52.7#

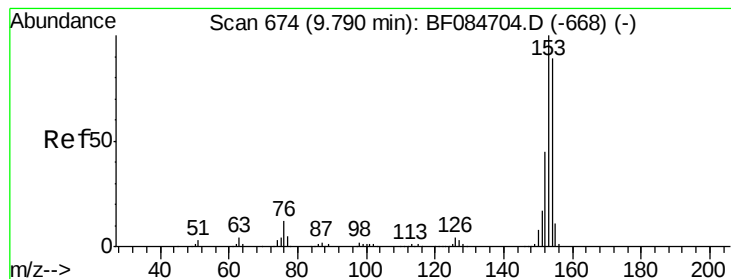


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.60 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

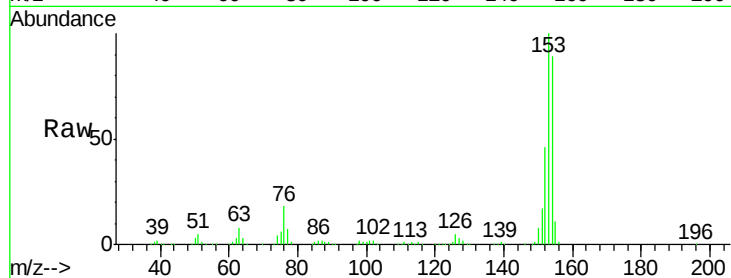
Tgt Ion:154 Resp: 693368

Ion Ratio Lower Upper

154 100

153 112.0 91.5 137.3

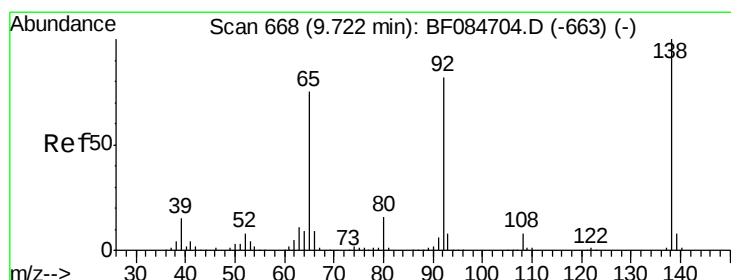
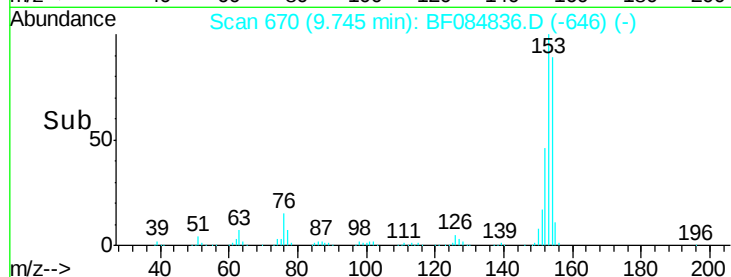
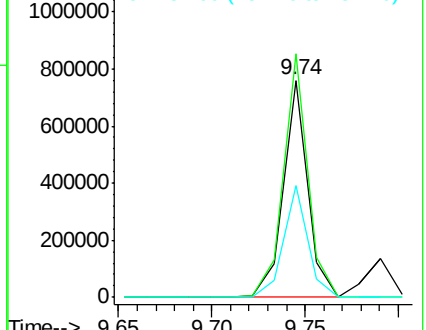
152 51.4 43.0 64.6



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: 31.23 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

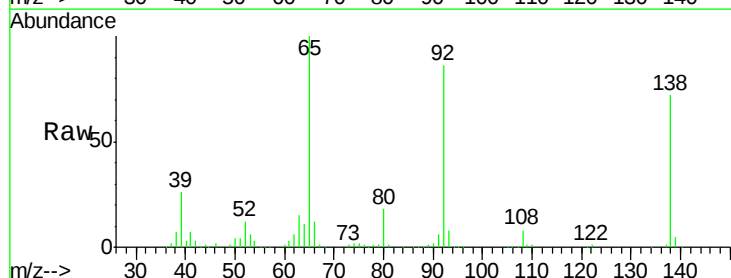
Tgt Ion:138 Resp: 157398

Ion Ratio Lower Upper

138 100

108 10.7 10.5 15.7

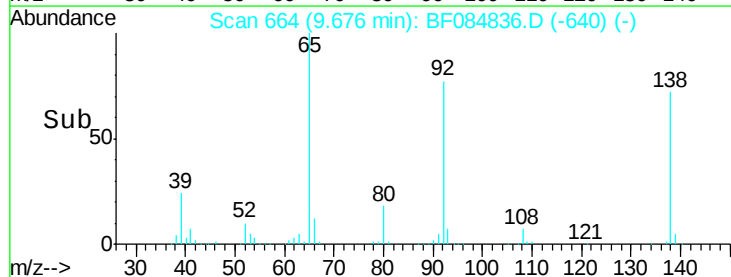
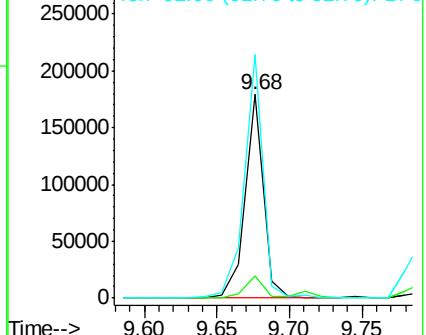
92 119.7 103.9 155.9

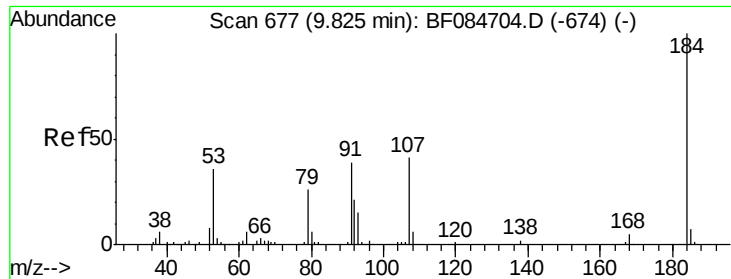


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

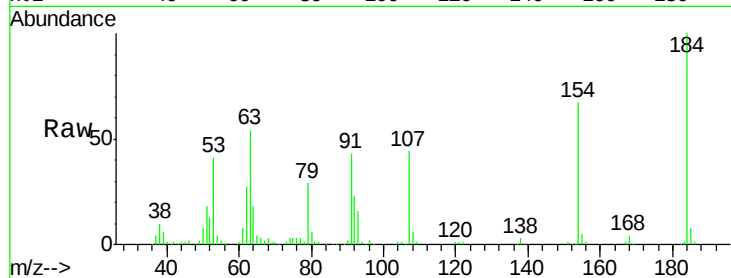




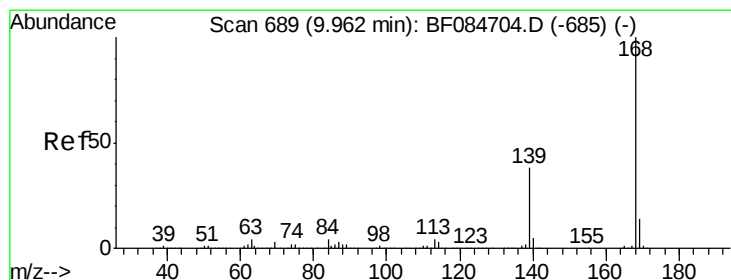
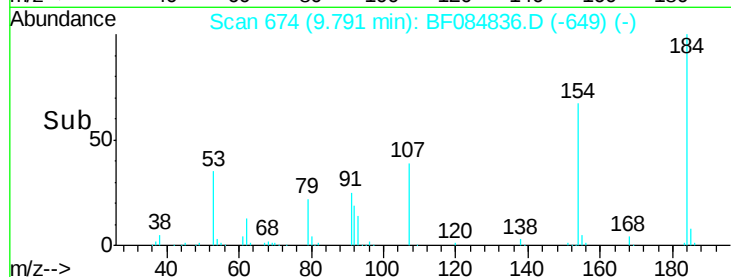
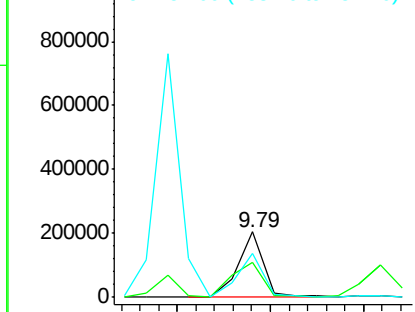
#53
2,4-Dinitrophenol
Concen: 94.83 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tgt Ion:184 Resp: 198738
Ion Ratio Lower Upper
184 100
63 53.9 43.1 64.7
154 67.1 60.5 90.7

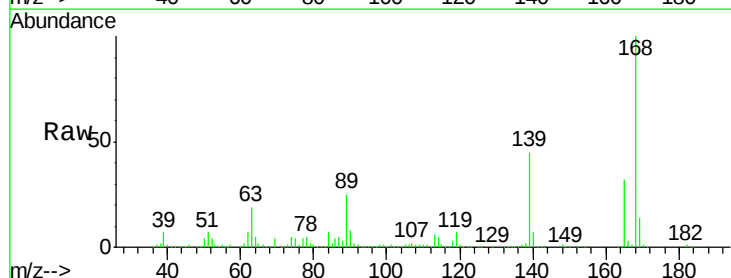


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

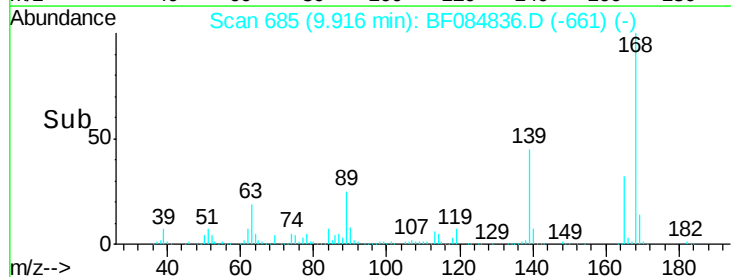
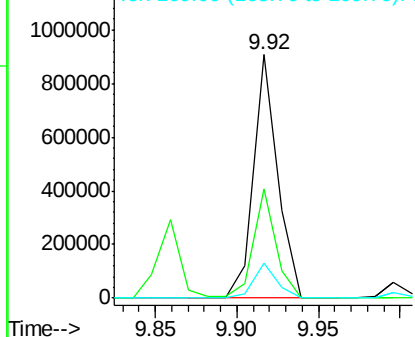


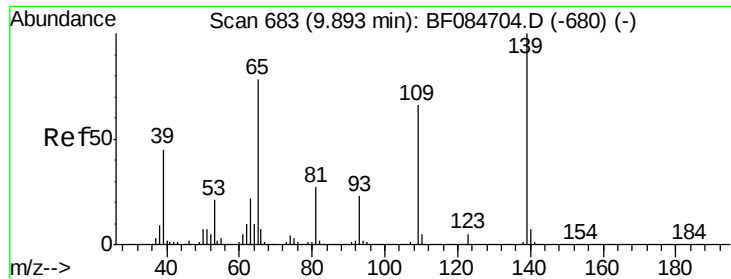
#54
Dibenzofuran
Concen: 43.46 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion:168 Resp: 929889
Ion Ratio Lower Upper
168 100
139 45.0 30.5 45.7
169 14.5 10.4 15.6



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

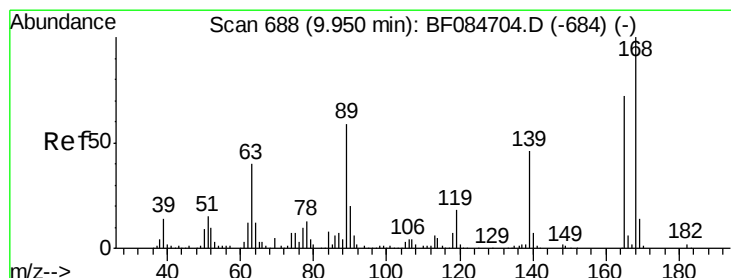
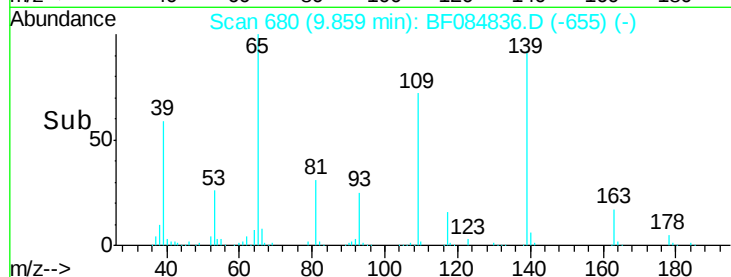
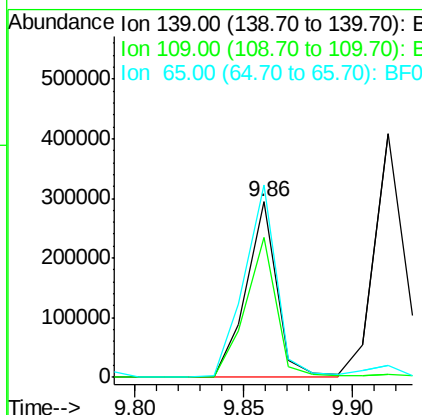
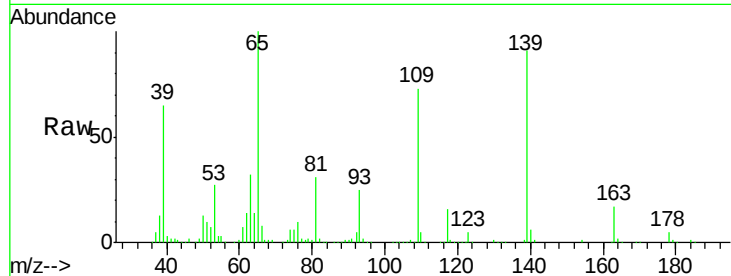




#55
4-Nitrophenol
Concen: 78.73 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

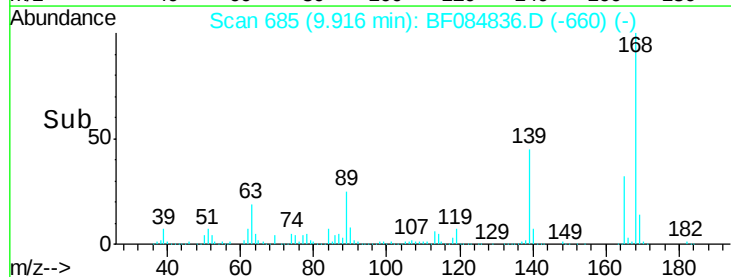
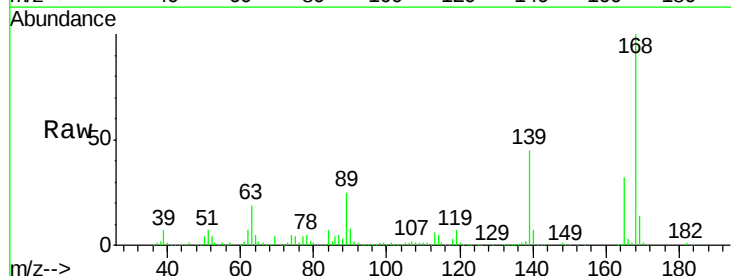
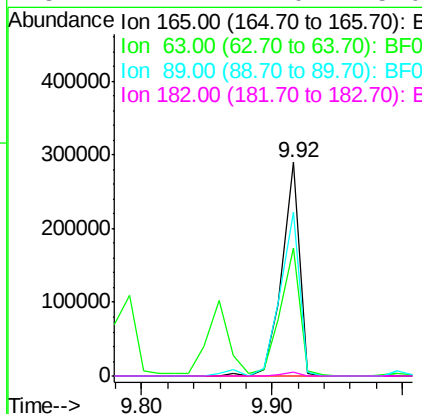
Instrument :
BNA_F
ClientSampled :
S4-B017(5-7)

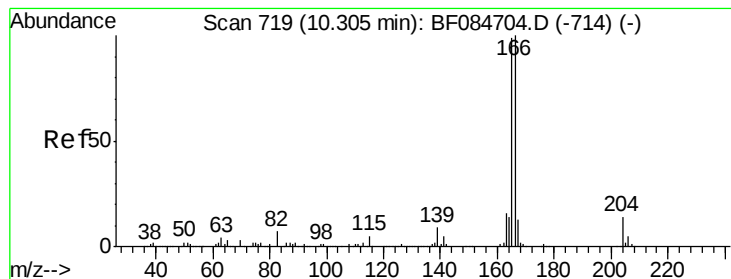
Tgt Ion:139 Resp: 291658
Ion Ratio Lower Upper
139 100
109 79.7 58.5 98.5
65 109.6 57.6 97.6#



#56
2,4-Dinitrotoluene
Concen: 48.31 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion:165 Resp: 276395
Ion Ratio Lower Upper
165 100
63 59.9 36.7 55.1#
89 77.0 61.9 92.9
182 2.1 2.0 3.0





#57

Fluorene

Concen: 41.90 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampled :

S4-B017(5-7)

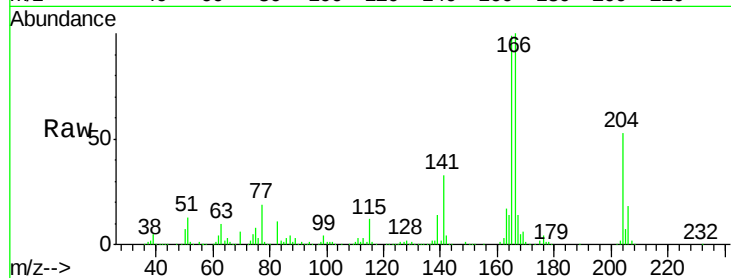
Tgt Ion:166 Resp: 748692

Ion Ratio Lower Upper

166 100

165 98.8 79.1 118.7

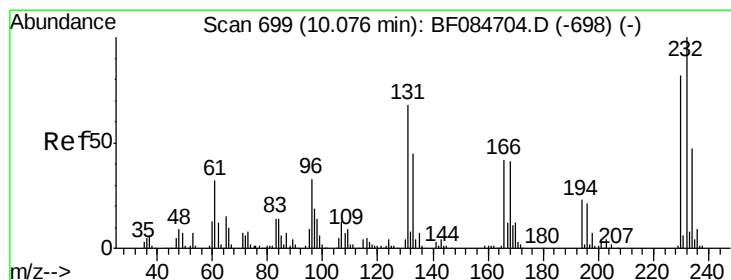
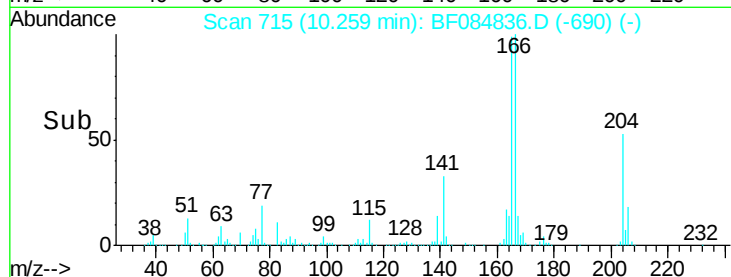
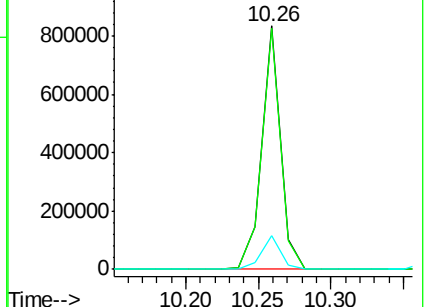
167 13.9 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.66 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion:232 Resp: 220406

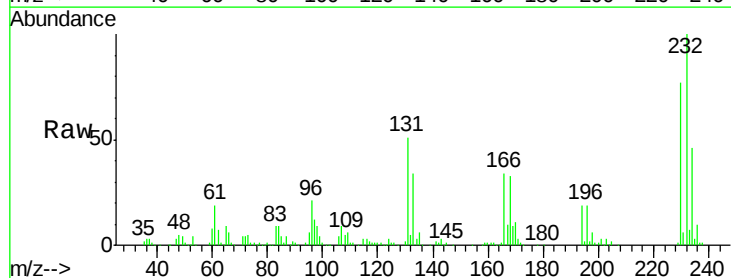
Ion Ratio Lower Upper

232 100

131 51.5 47.0 70.6

130 2.4 2.0 3.0

166 33.5 30.5 45.7

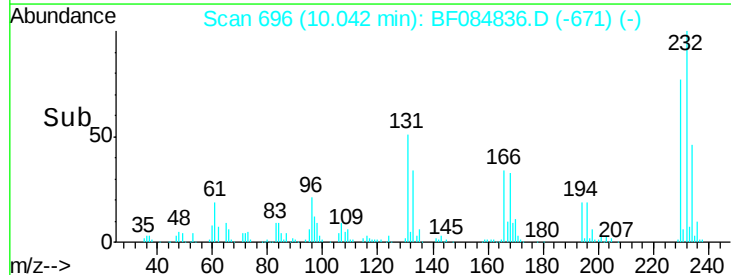
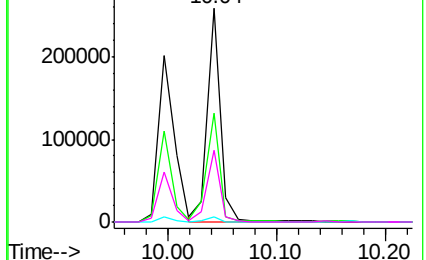


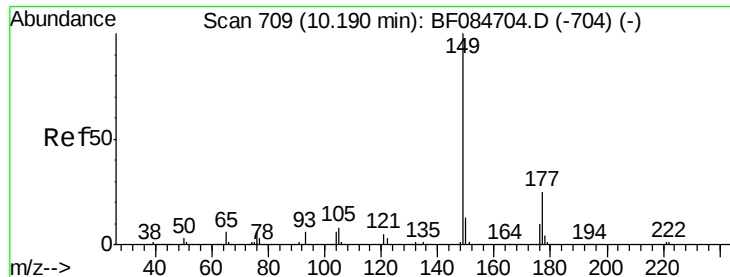
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

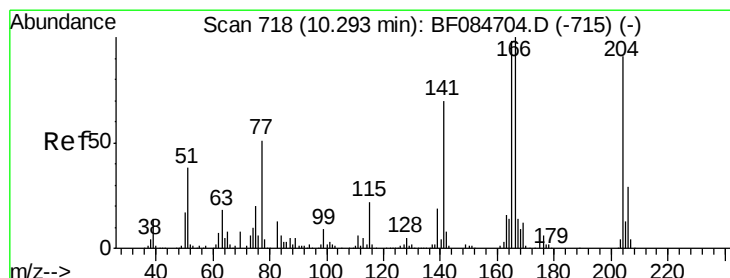
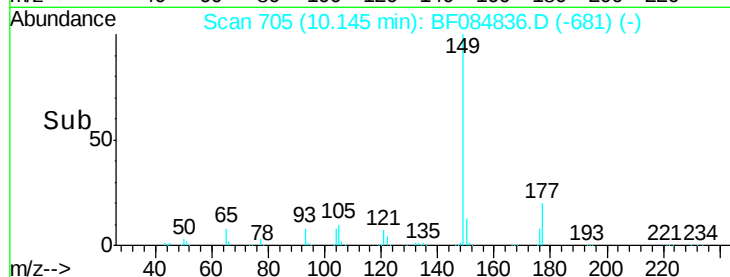
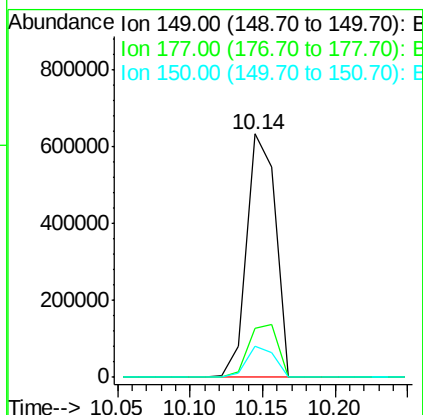
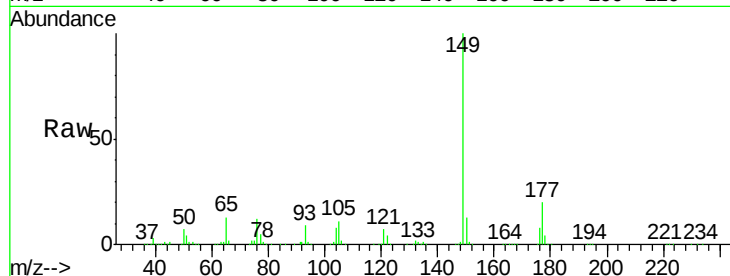




#59
Diethylphthalate
Concen: 43.40 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

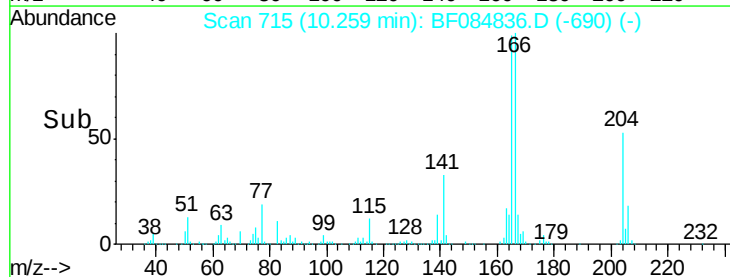
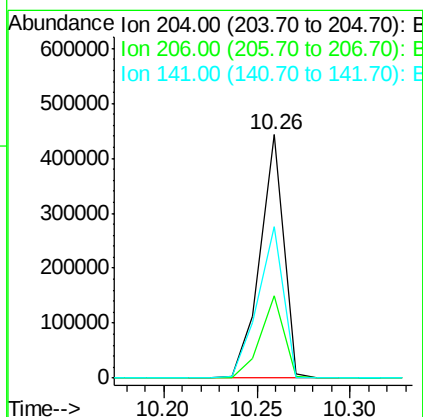
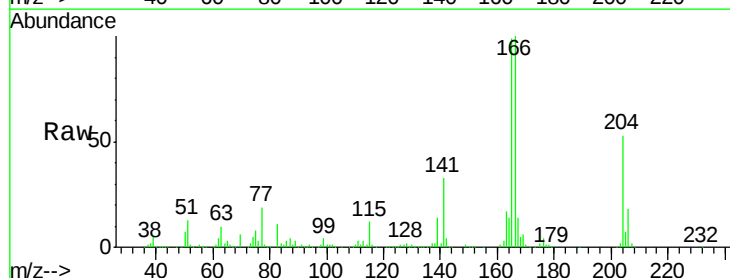
Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

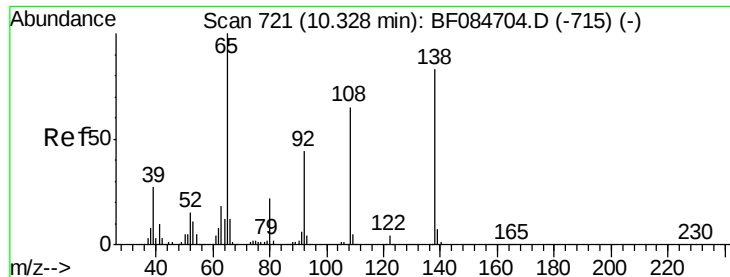
Tgt Ion:149 Resp: 870260
Ion Ratio Lower Upper
149 100
177 20.1 17.3 25.9
150 12.6 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 53.00 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion:204 Resp: 388142
Ion Ratio Lower Upper
204 100
206 33.7 25.7 38.5
141 62.2 55.1 82.7





#61

4-Nitroaniline

Concen: 45.98 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

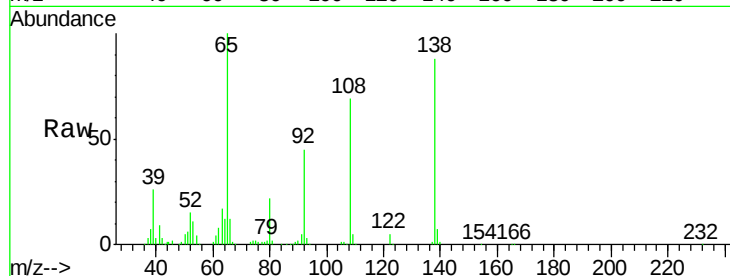
Tgt Ion:138 Resp: 225859

Ion Ratio Lower Upper

138 100

92 50.5 32.6 72.6

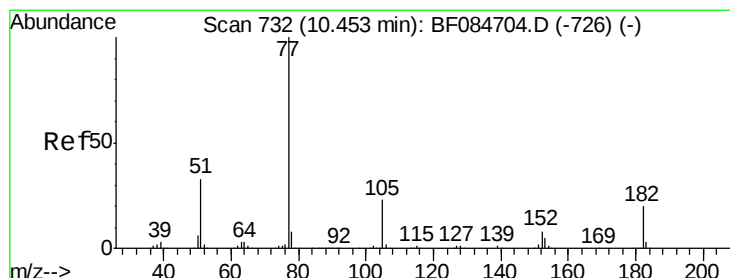
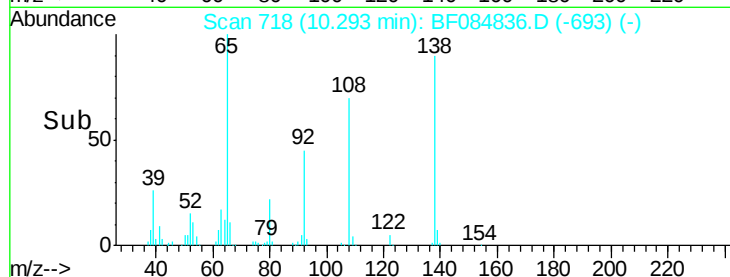
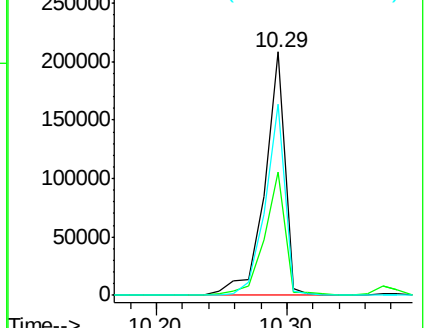
108 78.4 68.6 108.6



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: 50.84 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion: 77 Resp: 980175

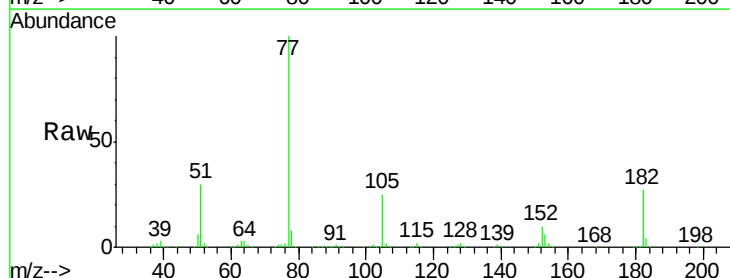
Ion Ratio Lower Upper

77 100

182 27.3 8.3 48.3

105 25.3 4.6 44.6

51 30.5 6.2 46.2

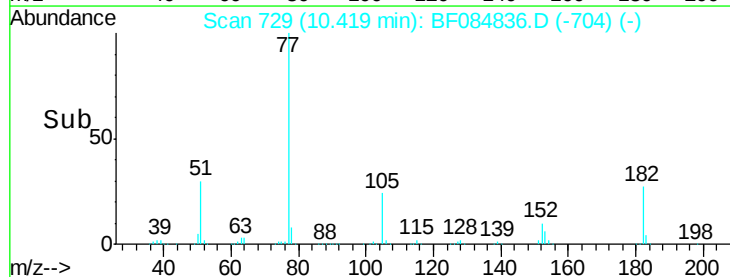
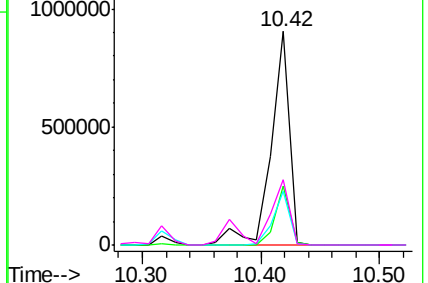


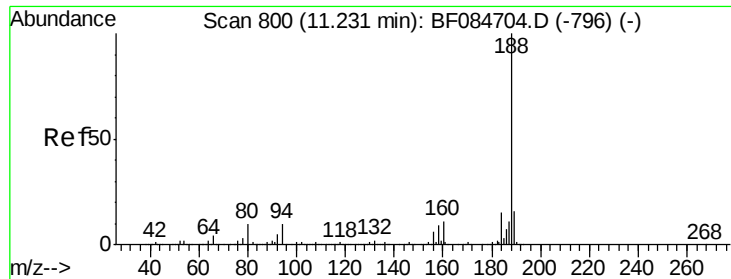
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

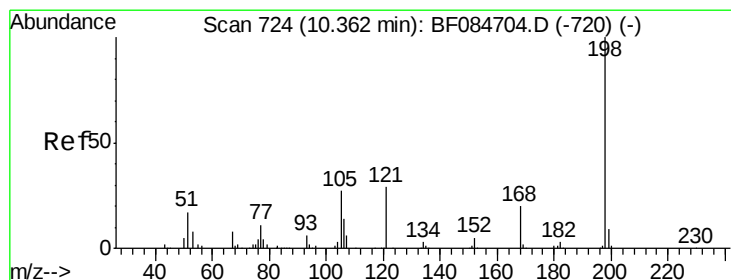
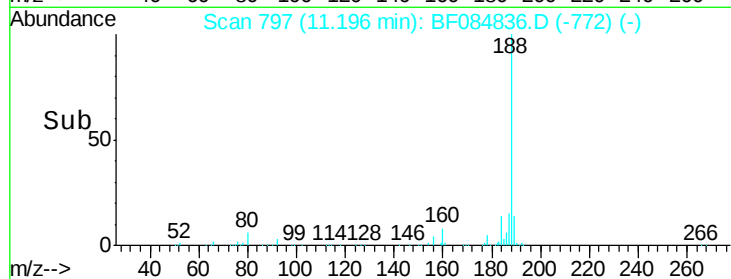
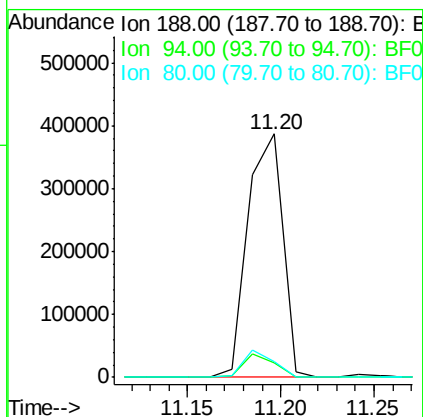
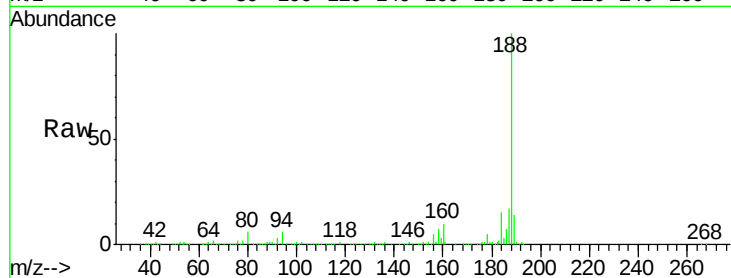




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

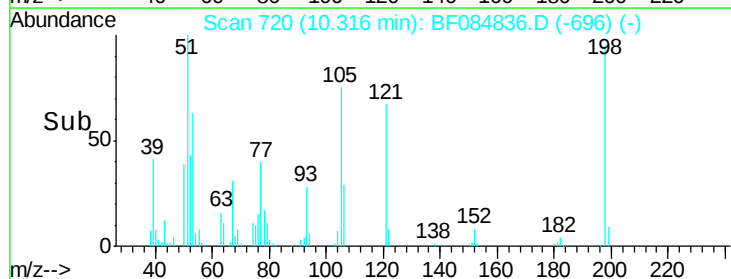
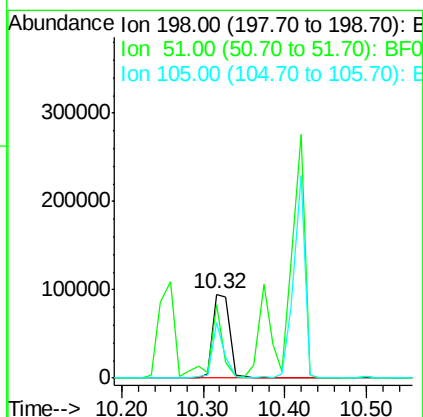
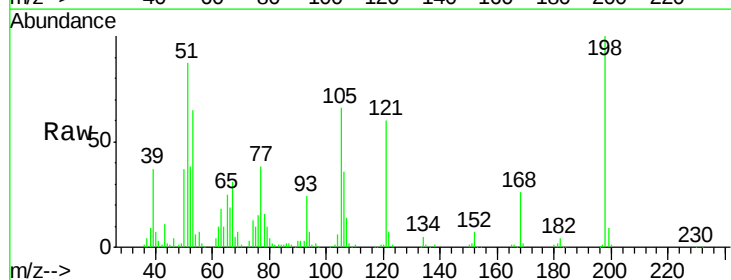
Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

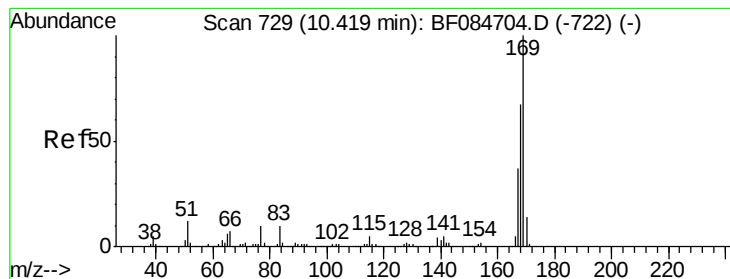
Tgt Ion:188 Resp: 501044
Ion Ratio Lower Upper
188 100
94 5.7 9.0 13.4#
80 6.4 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 44.46 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion:198 Resp: 137481
Ion Ratio Lower Upper
198 100
51 87.5 18.9 58.9#
105 65.6 26.4 66.4





#65

n-Nitrosodiphenylamine

Concen: 46.35 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

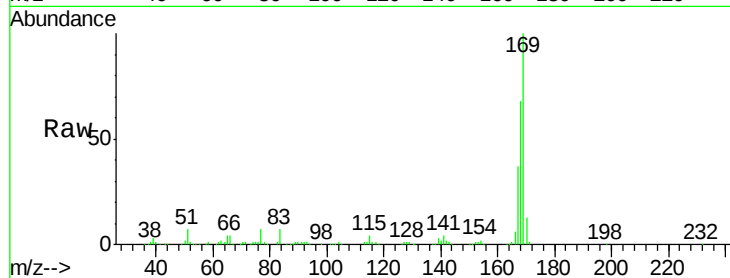
Tgt Ion:169 Resp: 737471

Ion Ratio Lower Upper

169 100

168 67.8 55.1 82.7

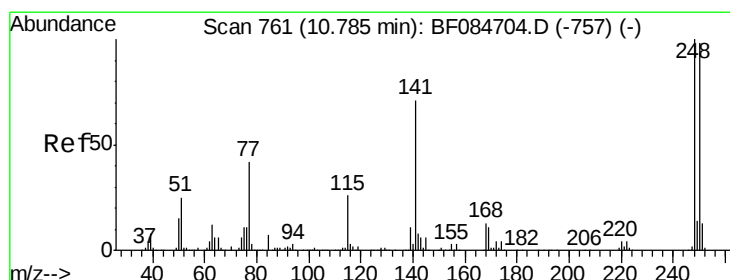
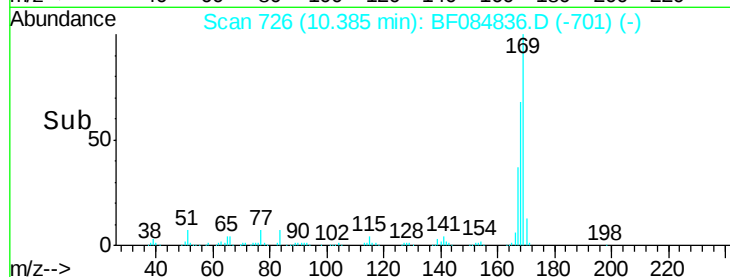
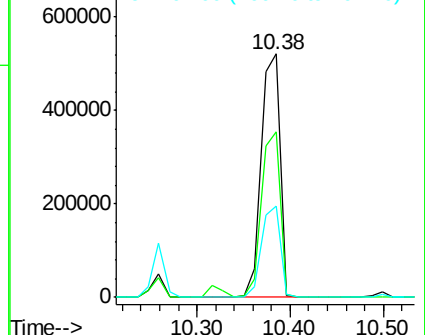
167 37.4 30.0 45.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.61 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

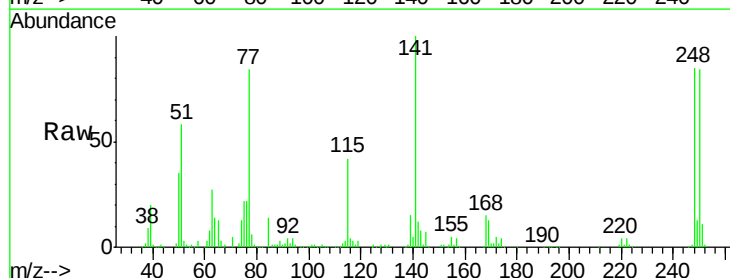
Tgt Ion:248 Resp: 230285

Ion Ratio Lower Upper

248 100

250 98.2 78.4 117.6

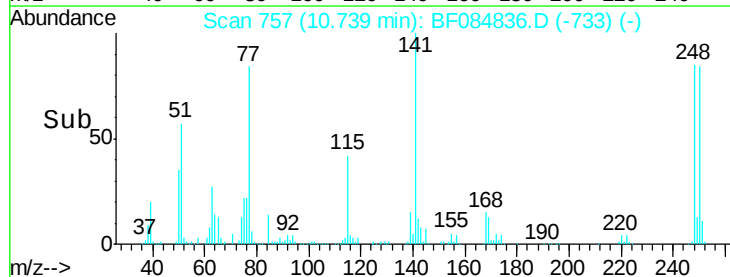
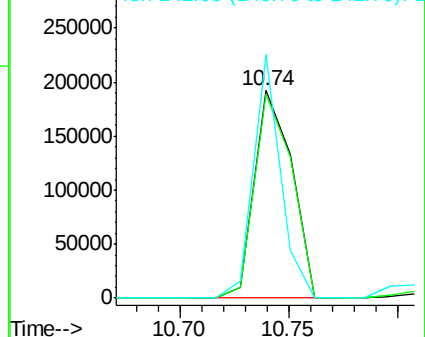
141 117.4 44.0 66.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

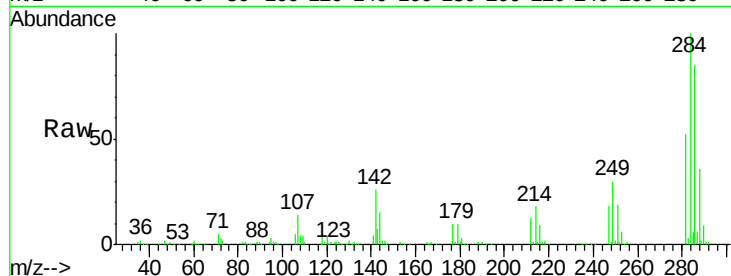




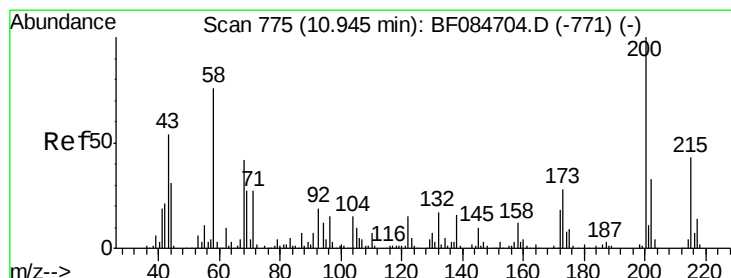
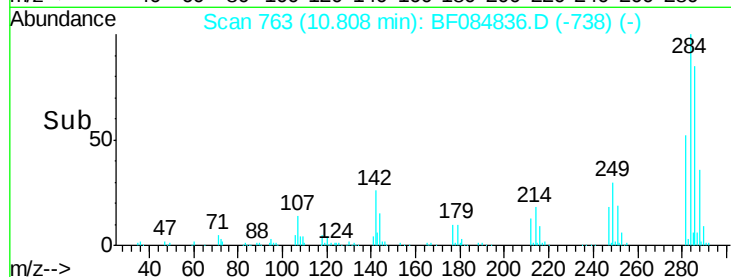
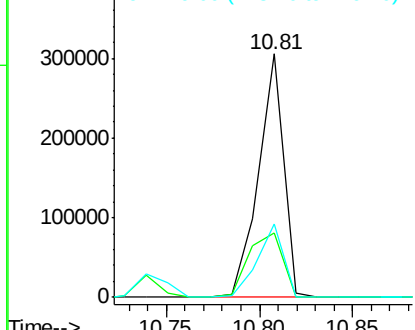
#67
Hexachlorobenzene
Concen: 47.08 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tgt Ion:284 Resp: 283868
Ion Ratio Lower Upper
284 100
142 26.5 22.2 33.4
249 29.9 24.6 37.0

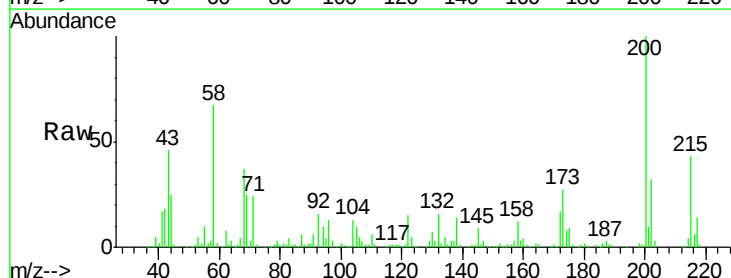


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

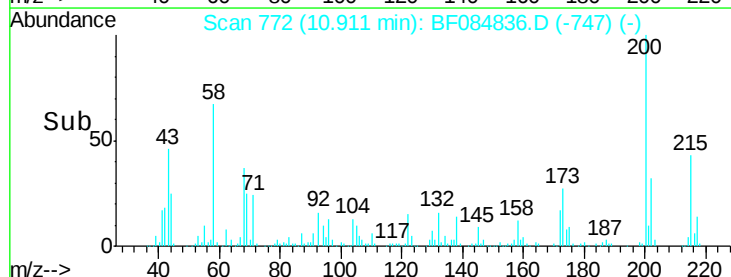
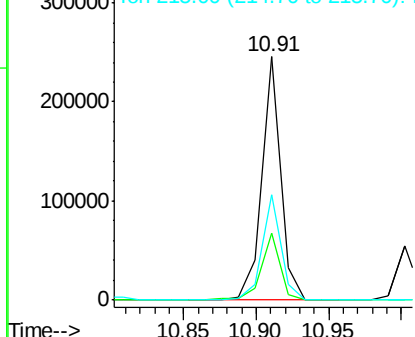


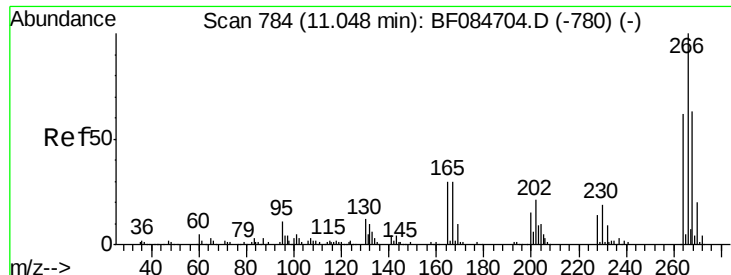
#68
Atrazine
Concen: 44.05 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion:200 Resp: 221313
Ion Ratio Lower Upper
200 100
173 27.4 9.5 49.5
215 43.0 23.8 63.8



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

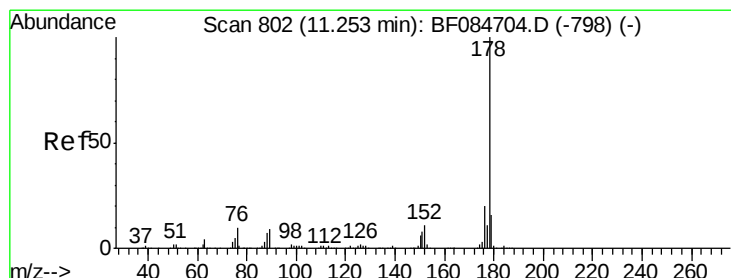
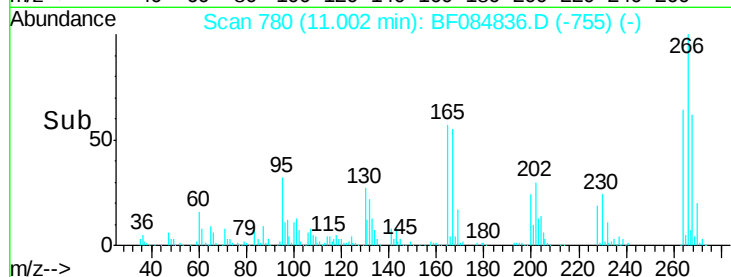
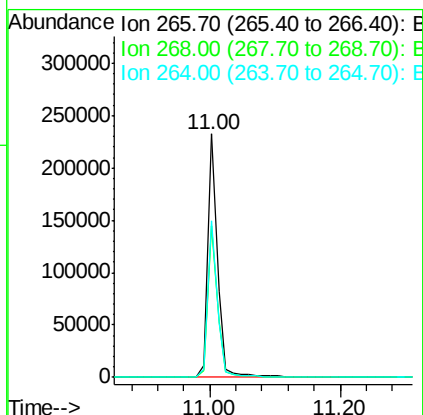
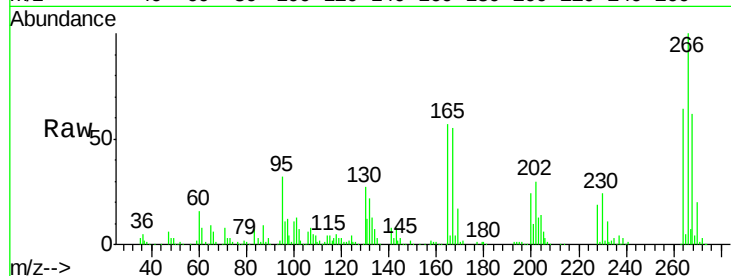




#69
 Pentachlorophenol
 Concen: 86.25 ng
 RT: 11.00 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

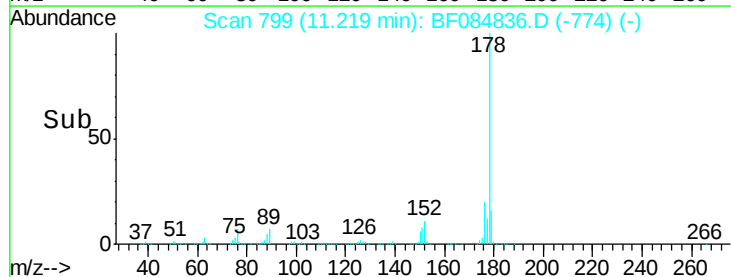
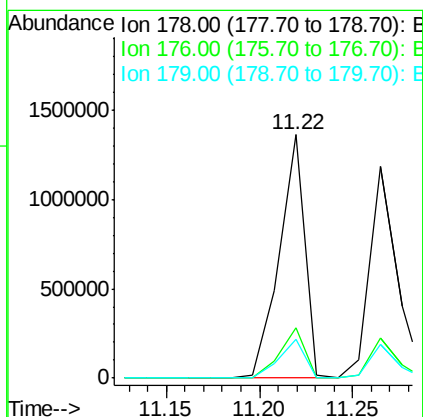
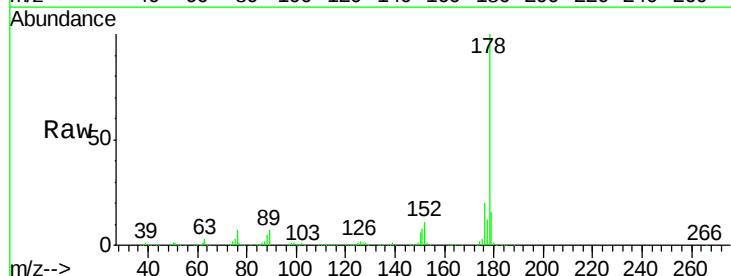
Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

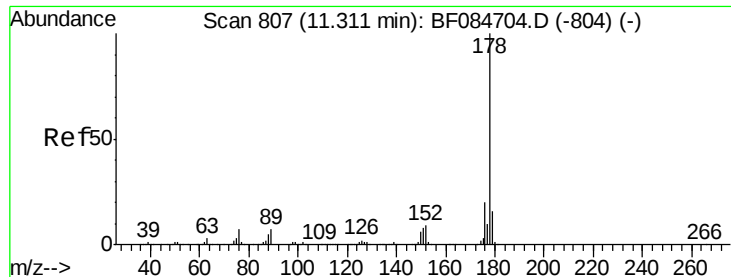
Tgt Ion:266 Resp: 244432
 Ion Ratio Lower Upper
 266 100
 268 62.2 52.4 78.6
 264 64.5 50.2 75.2



#70
 Phenanthrene
 Concen: 46.77 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion:178 Resp: 1299697
 Ion Ratio Lower Upper
 178 100
 176 20.5 15.3 22.9
 179 15.7 12.0 18.0

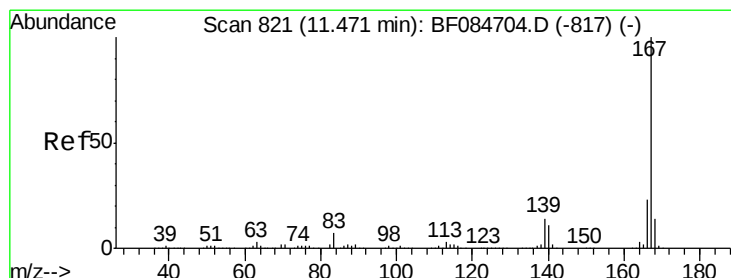
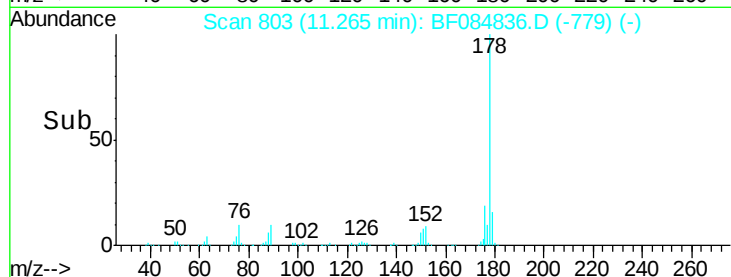
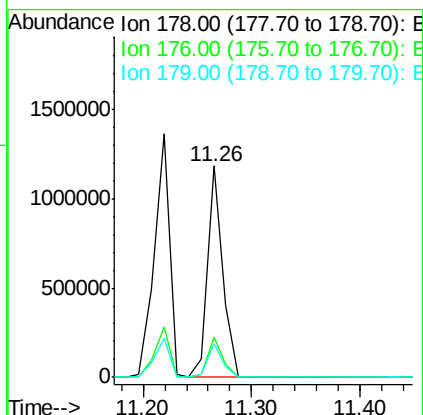
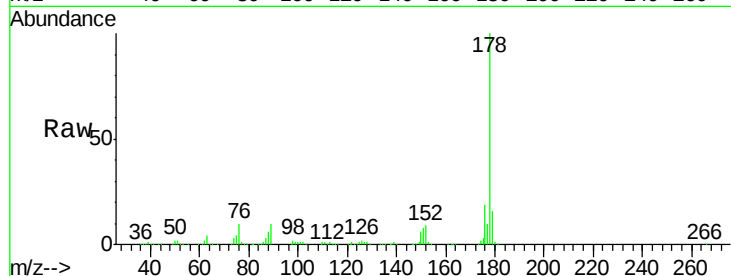




#71
 Anthracene
 Concen: 41.73 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

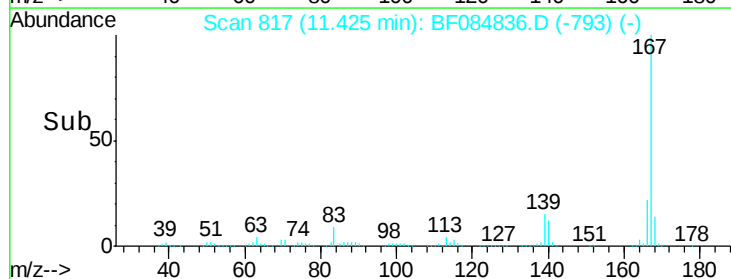
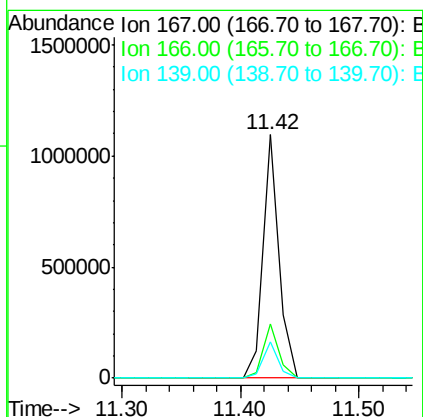
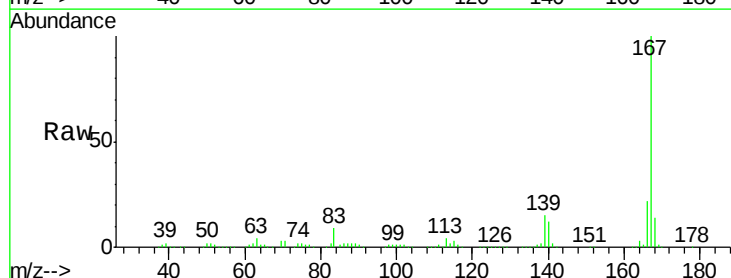
Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

Tgt Ion:178 Resp: 1168630
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 16.2 12.5 18.7



#72
 Carbazole
 Concen: 42.45 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion:167 Resp: 1036460
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 14.9 11.8 17.8

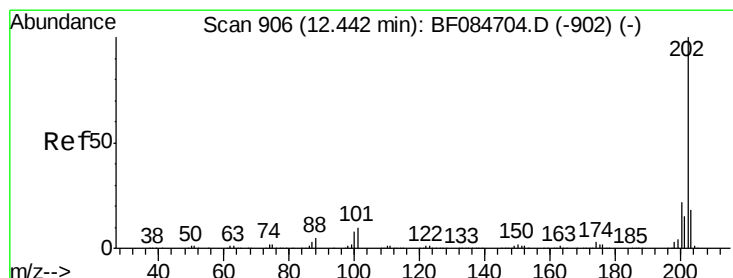
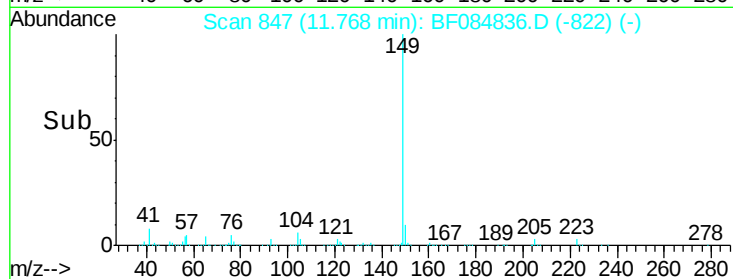
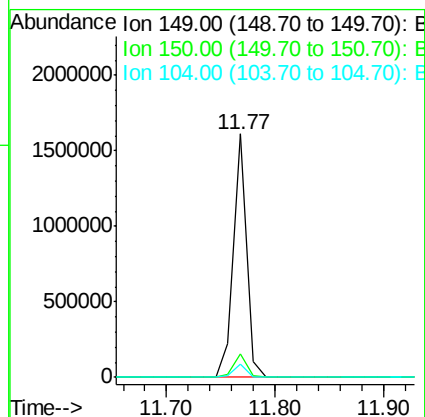
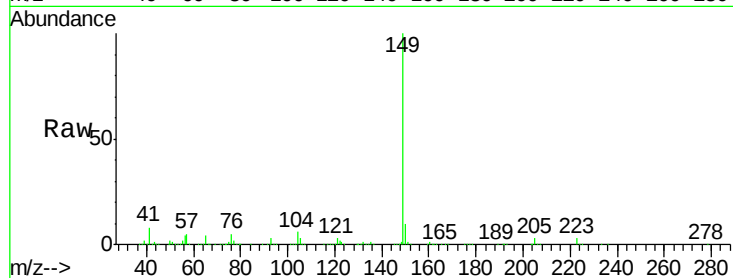




#73
Di-n-butylphthalate
Concen: 42.98 ng
RT: 11.77 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

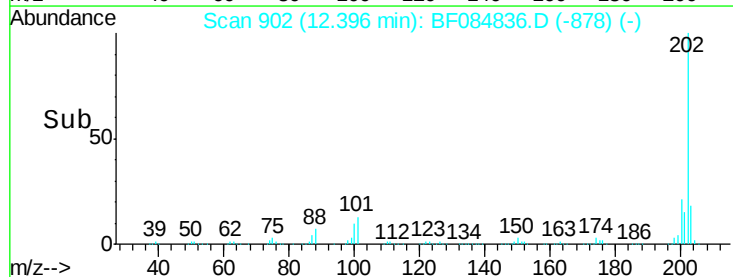
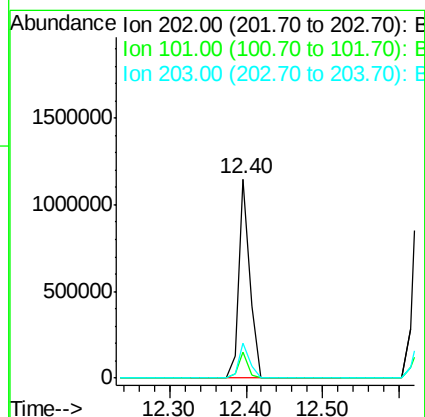
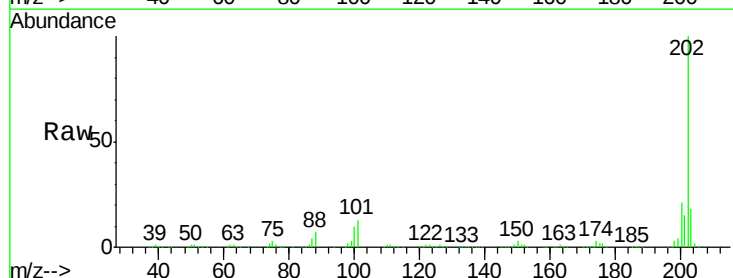
Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

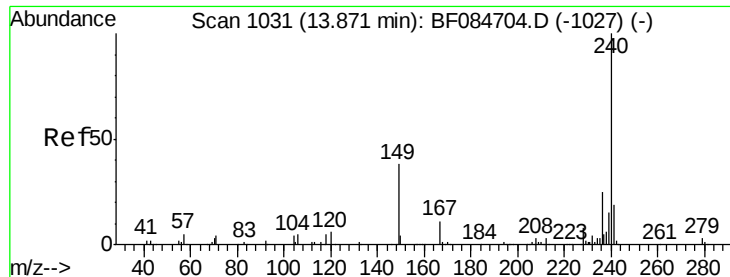
Tgt Ion:149 Resp: 1336012
Ion Ratio Lower Upper
149 100
150 9.8 7.1 10.7
104 5.6 3.2 4.8#



#74
Fluoranthene
Concen: 41.75 ng
RT: 12.40 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion:202 Resp: 1174354
Ion Ratio Lower Upper
202 100
101 13.0 0.0 32.8
203 17.8 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

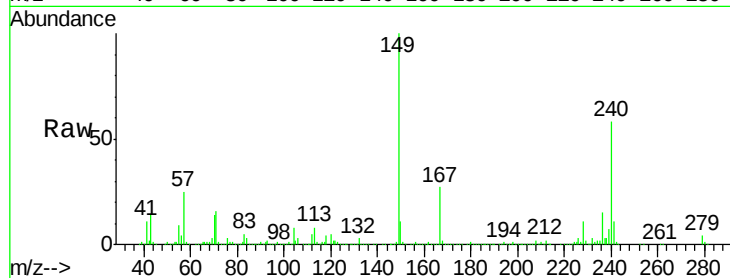
Tgt Ion:240 Resp: 374122

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

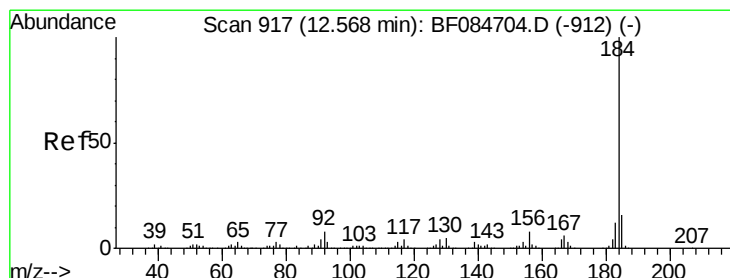
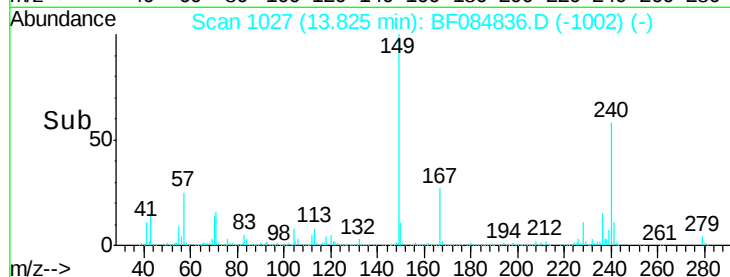
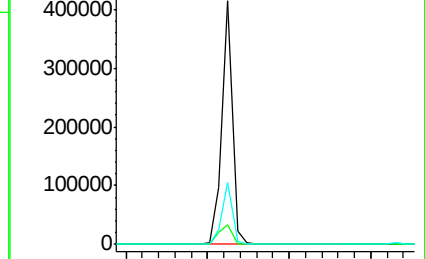
236 25.4 20.6 31.0



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: 43.82 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

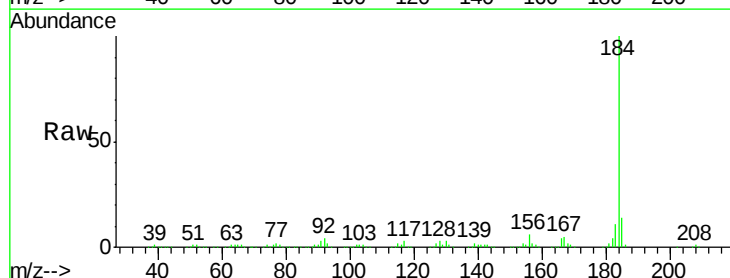
Tgt Ion:184 Resp: 569405

Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.2

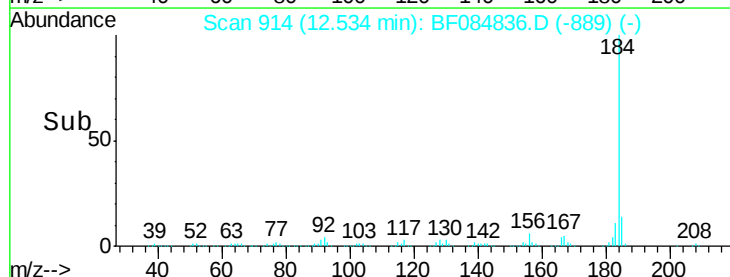
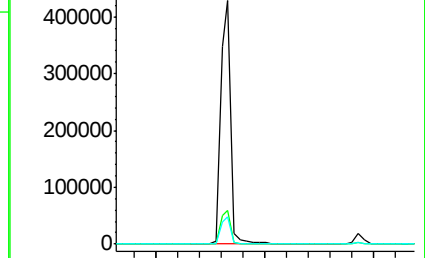
183 11.0 9.8 14.8

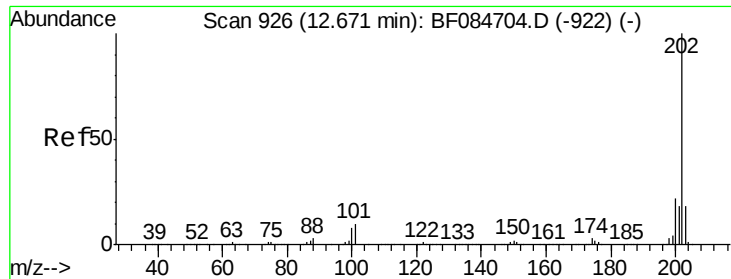


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

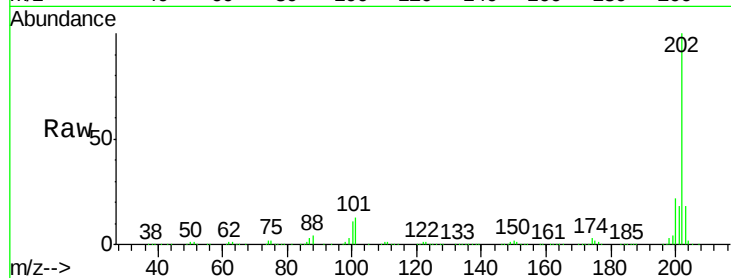




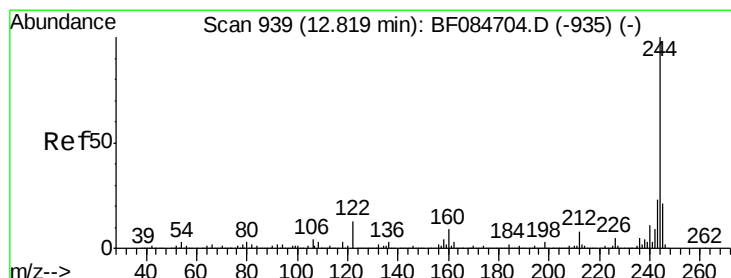
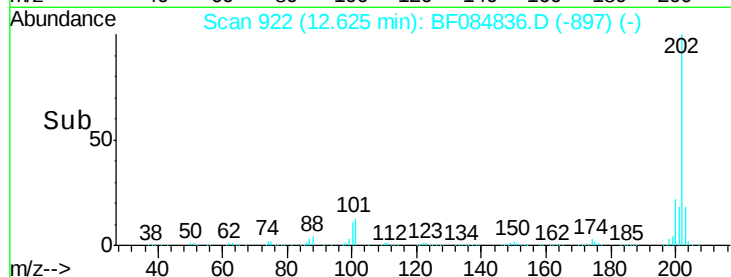
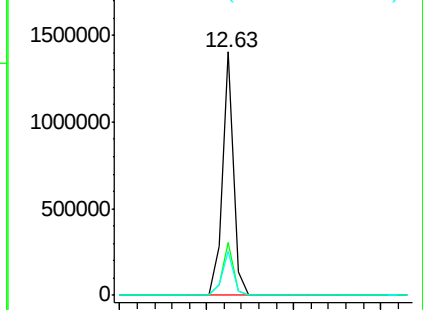
#77
 Pyrene
 Concen: 43.94 ng
 RT: 12.63 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

Tgt Ion:202 Resp: 1258582
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.2 25.8
 203 18.1 14.3 21.5

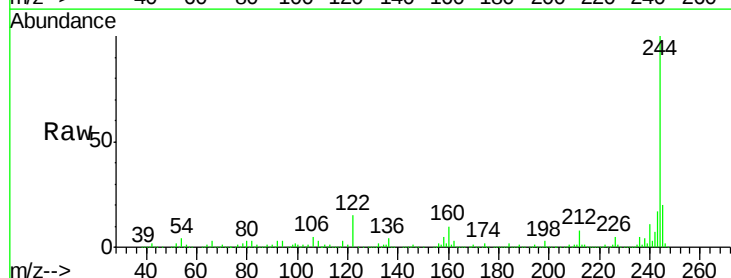


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

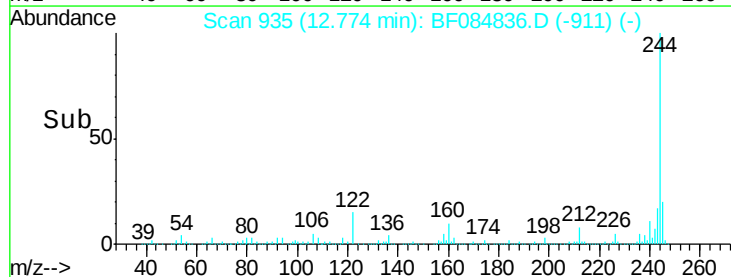
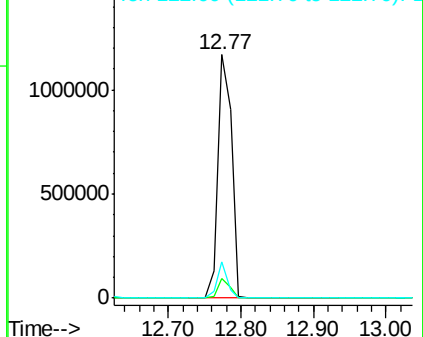


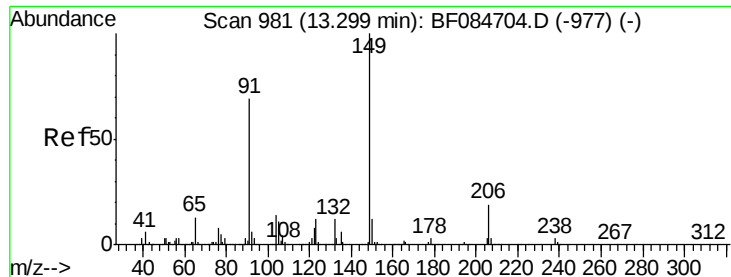
#78
 Terphenyl-d14
 Concen: 92.36 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion:244 Resp: 1524935
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 14.8 7.4 11.0#



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

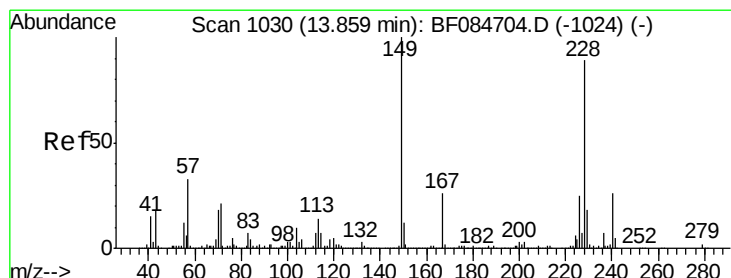
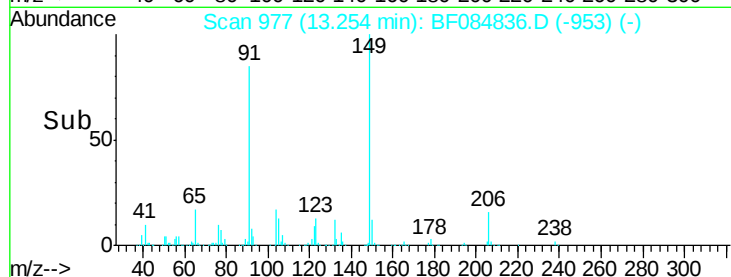
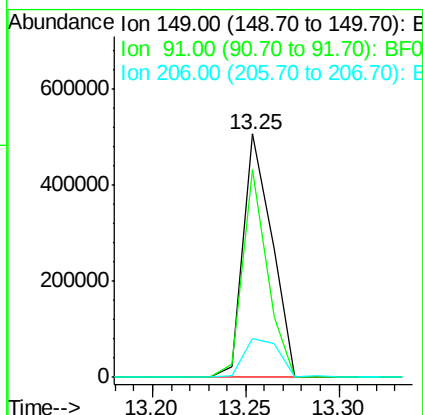
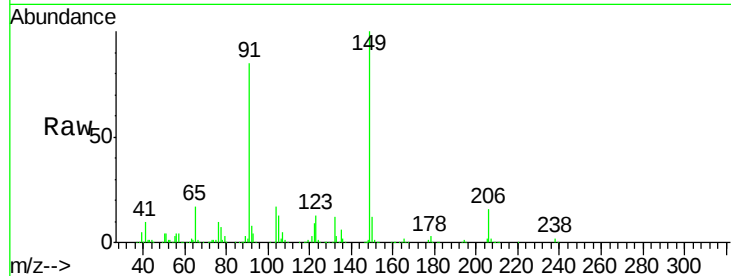




#79
Butylbenzylphthalate
Concen: 42.27 ng
RT: 13.25 min Scan# 977
Delta R.T. -0.02 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

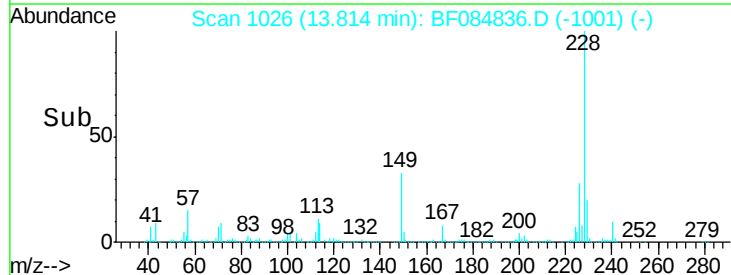
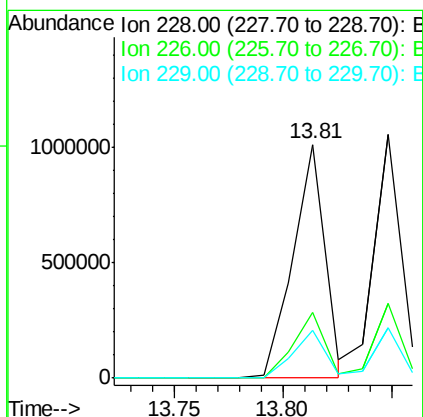
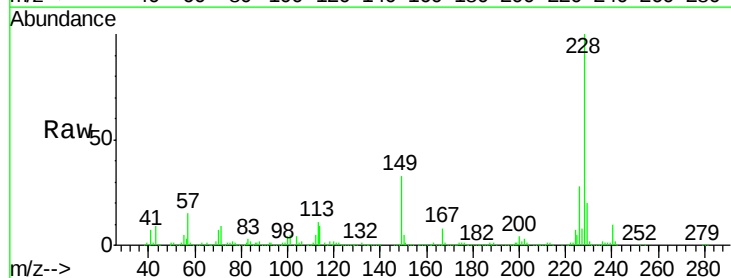
Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

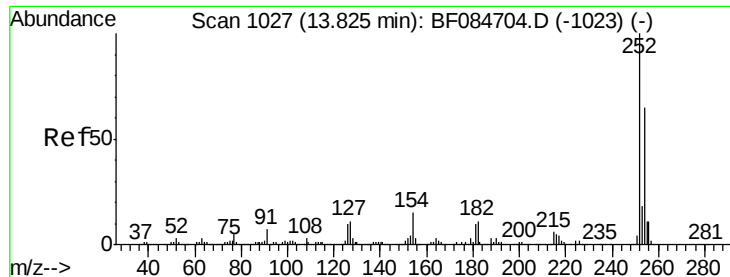
Tgt Ion:149 Resp: 549239
Ion Ratio Lower Upper
149 100
91 85.1 57.6 86.4
206 16.1 13.2 19.8



#80
Benzo(a)anthracene
Concen: 44.84 ng
RT: 13.81 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion:228 Resp: 1041124
Ion Ratio Lower Upper
228 100
226 28.0 21.8 32.6
229 20.2 15.8 23.8

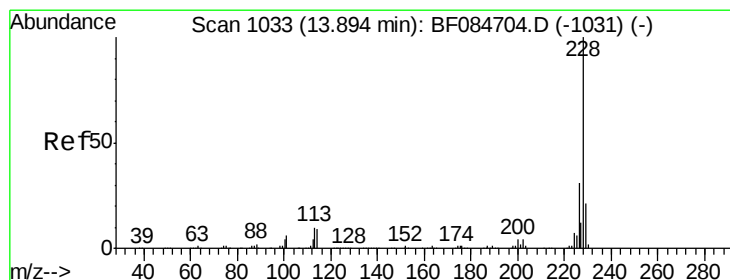
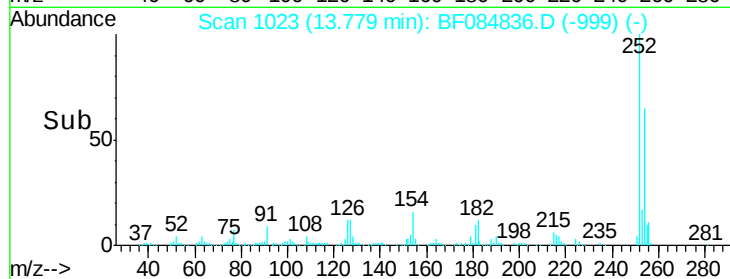
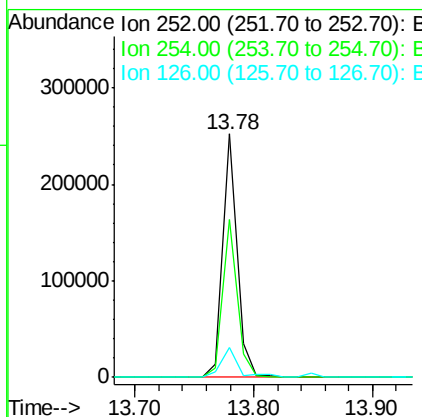
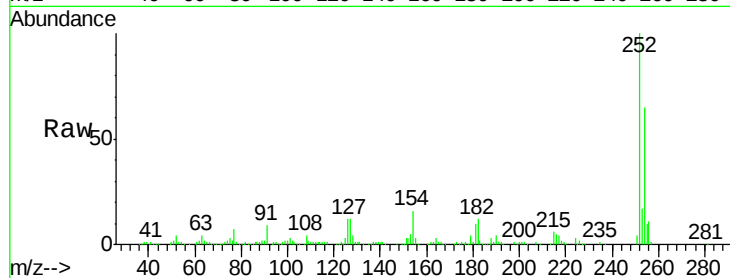




#81
 3,3'-Dichlorobenzidine
 Concen: 25.60 ng
 RT: 13.78 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

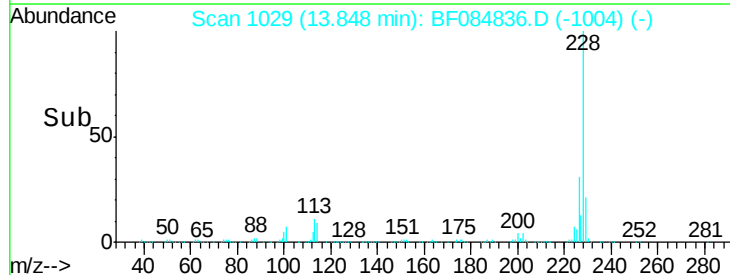
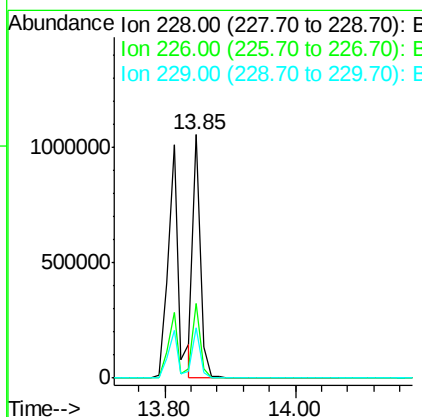
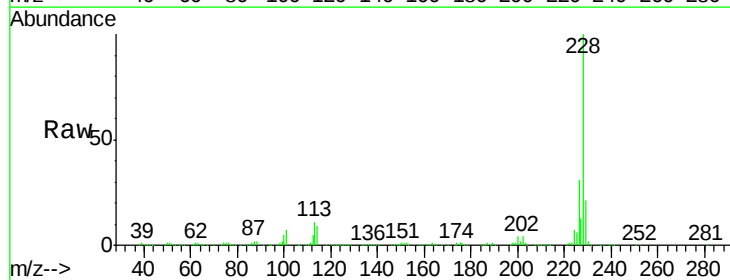
Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

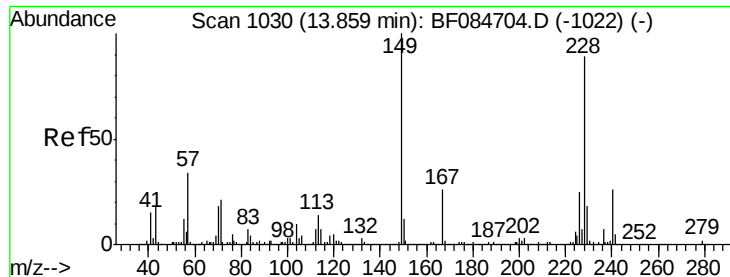
Tgt Ion:252 Resp: 210494
 Ion Ratio Lower Upper
 252 100
 254 64.9 53.5 80.3
 126 12.1 4.9 7.3#



#82
 Chrysene
 Concen: 37.13 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion:228 Resp: 835982
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.3 36.5
 229 20.6 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.24 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

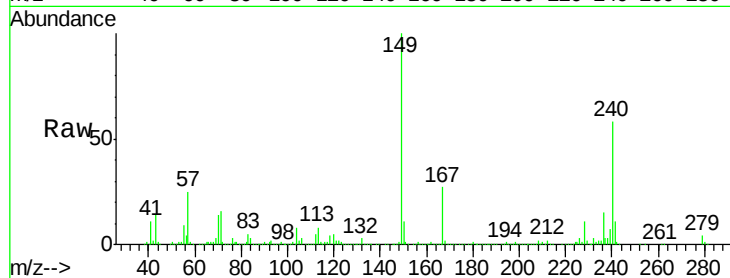
Tgt Ion:149 Resp: 747790

Ion Ratio Lower Upper

149 100

167 27.5 19.7 29.5

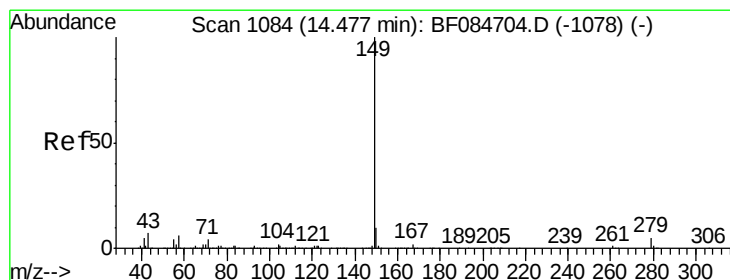
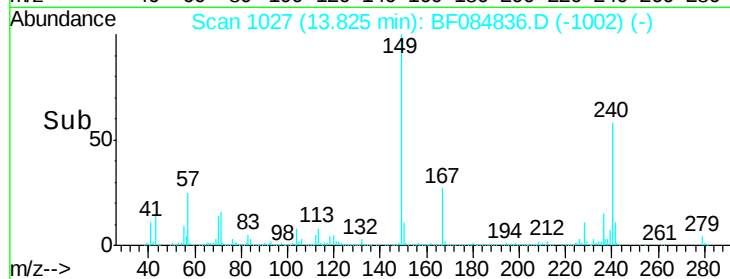
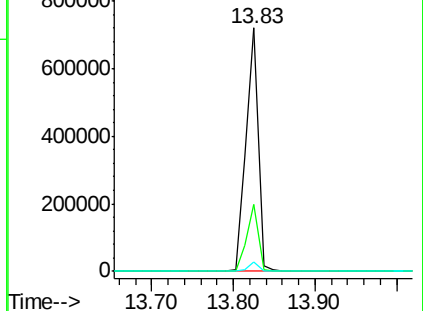
279 3.7 1.8 2.6#



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: 43.41 ng

RT: 14.43 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

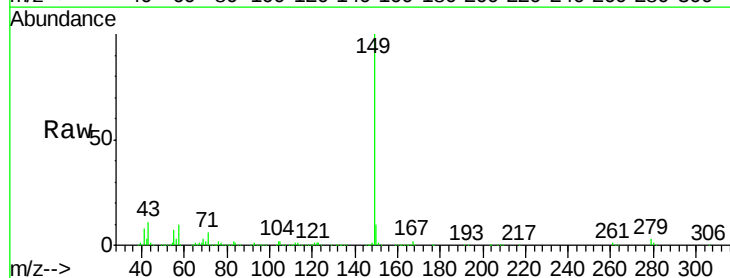
Tgt Ion:149 Resp: 1158093

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

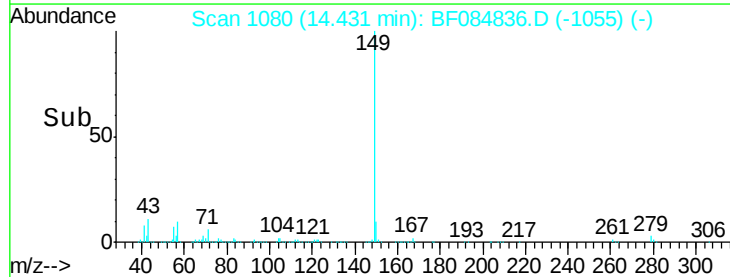
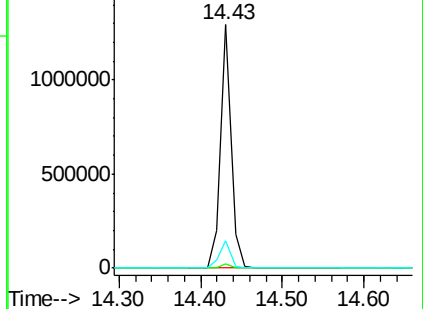
43 11.5 5.6 8.4#

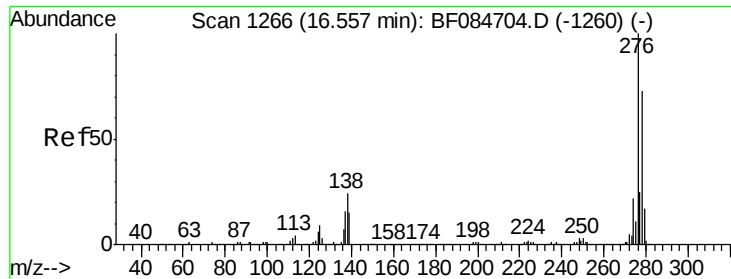


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

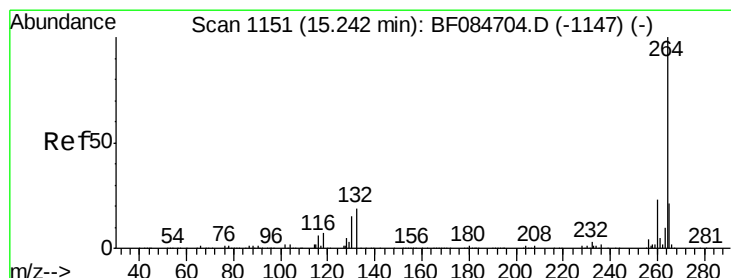
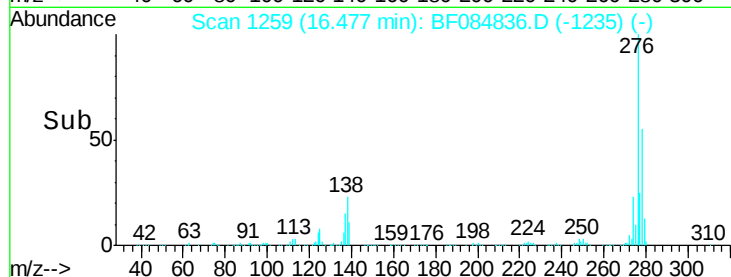
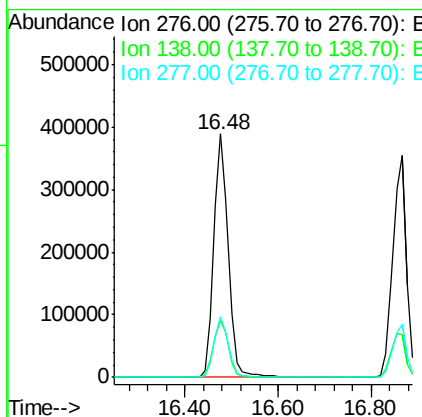
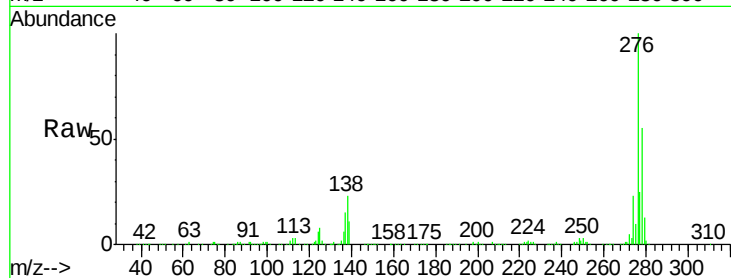




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.50 ng
 RT: 16.48 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

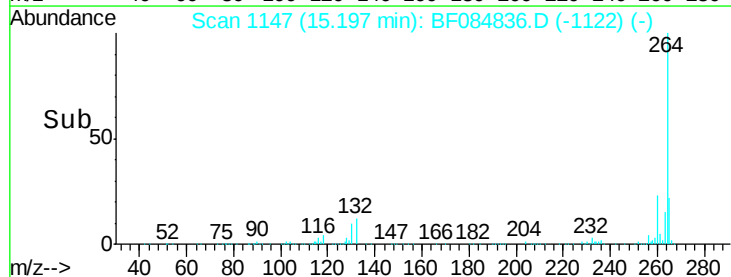
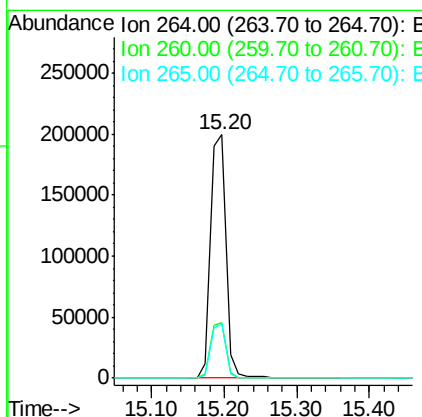
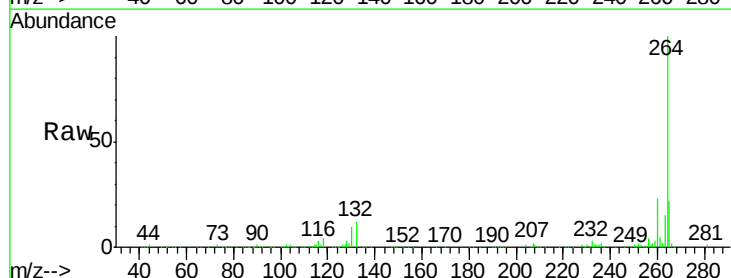
Instrument :
 BNA_F
 ClientSampleId :
 S4-B017(5-7)

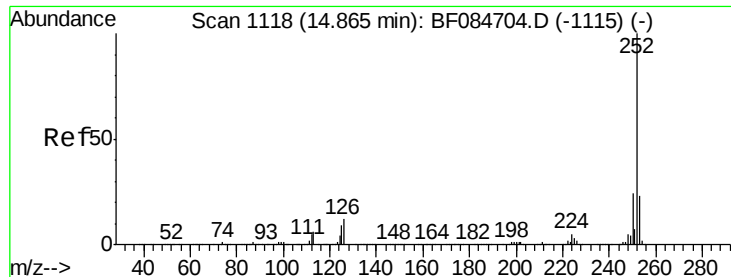
Tgt Ion: 276 Resp: 841898
 Ion Ratio Lower Upper
 276 100
 138 24.3 20.6 30.8
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF084836.D
 Acq: 4 Feb 2016 18:47

Tgt Ion: 264 Resp: 296291
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.4 29.2
 265 22.1 17.8 26.6

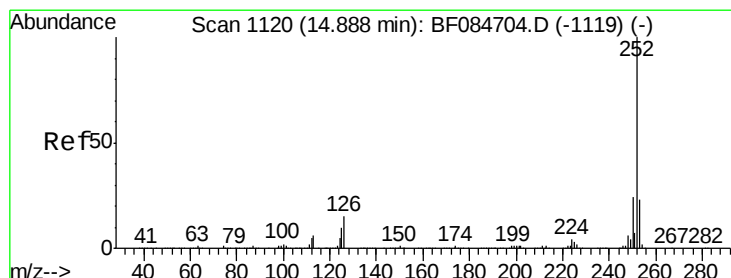
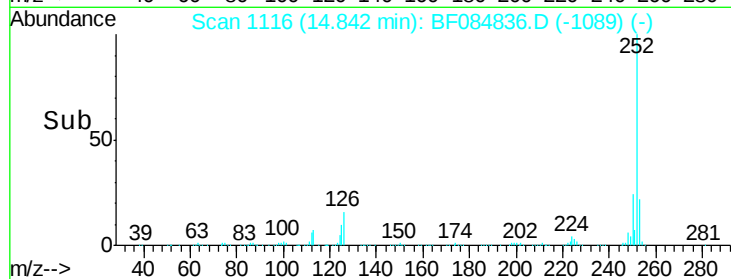
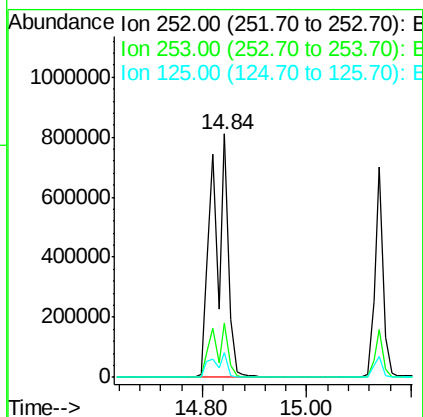
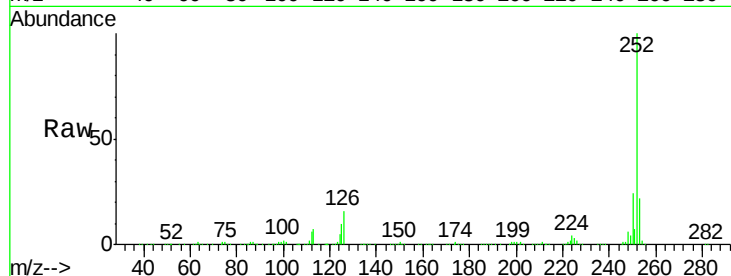




#87
Benzo(b)fluoranthene
Concen: 82.40 ng
RT: 14.84 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

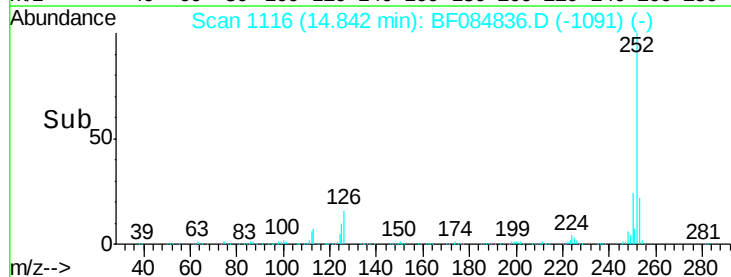
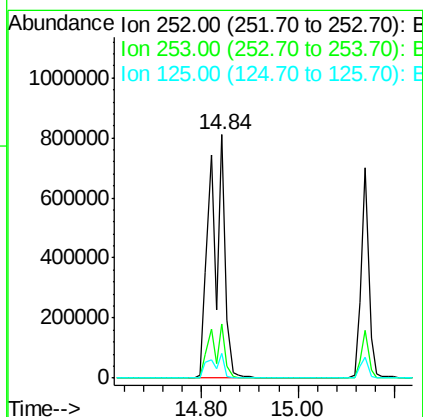
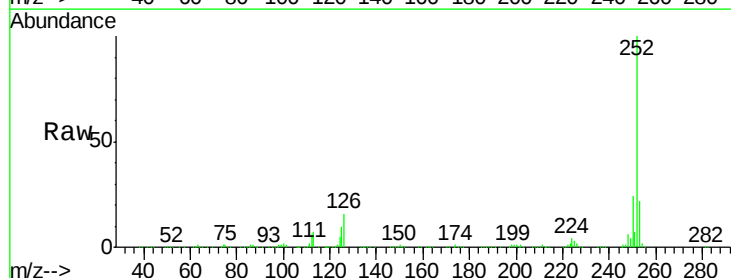
Instrument :
BNA_F
ClientSampleId :
S4-B017(5-7)

Tgt Ion:252 Resp: 1640295
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 10.3 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 99.69 ng
RT: 14.84 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF084836.D
Acq: 4 Feb 2016 18:47

Tgt Ion:252 Resp: 1640969
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 10.3 9.0 13.6





#89

Benzo(a)pyrene

Concen: 45.87 ng

RT: 15.14 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

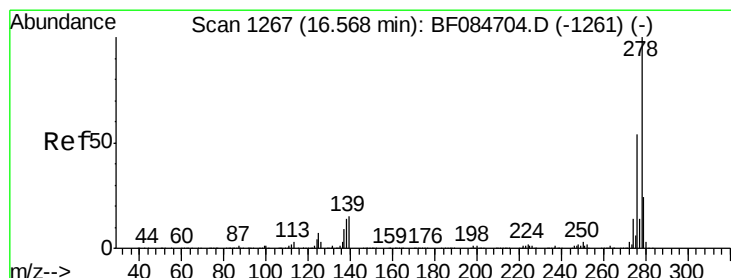
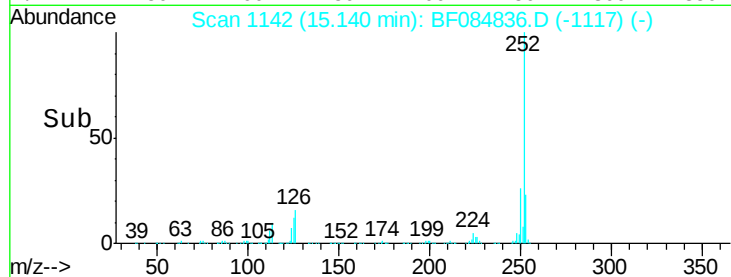
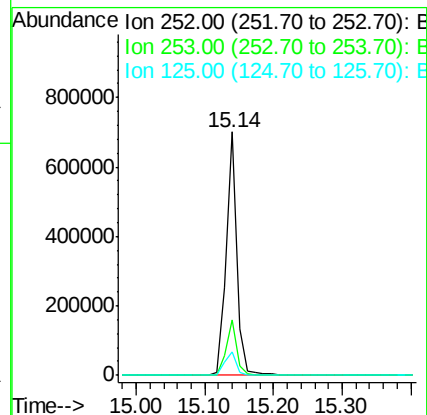
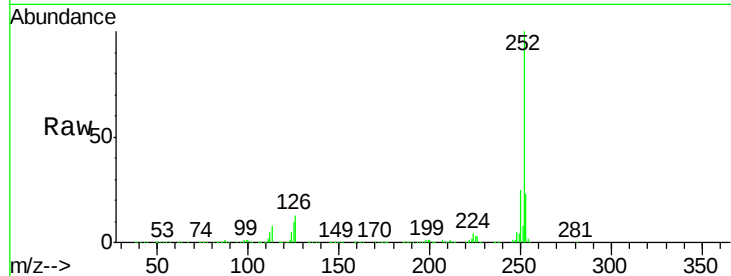
Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

Tgt Ion:	252	Resp:	778117
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	9.9	7.0	10.4



#90

Dibenzo(a,h)anthracene

Concen: 48.98 ng

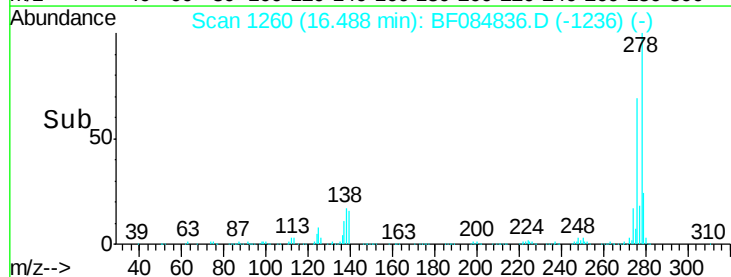
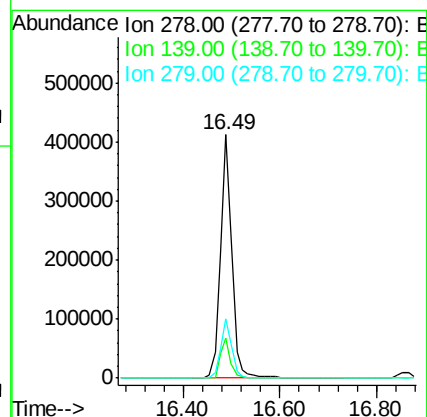
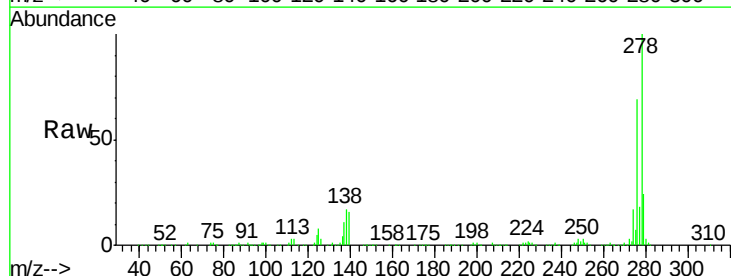
RT: 16.49 min Scan# 1260

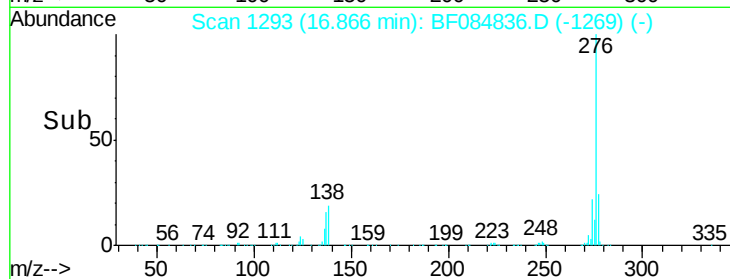
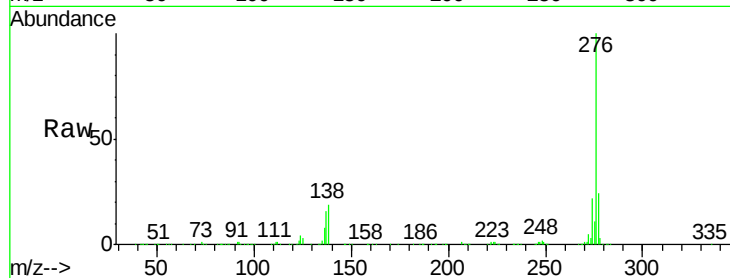
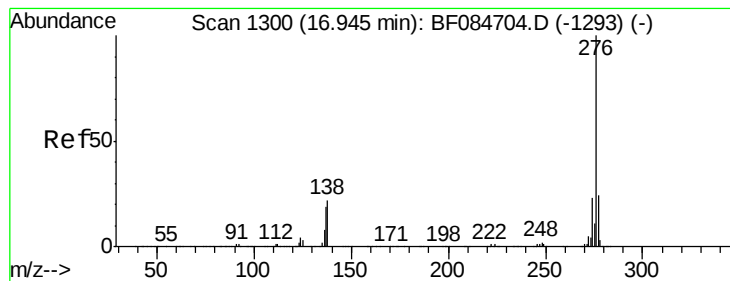
Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Tgt Ion:	278	Resp:	699393
Ion	Ratio	Lower	Upper
278	100		
139	16.3	15.0	22.4
279	24.5	18.9	28.3





#91

Benzo(g,h,i)perylene

Concen: 50.34 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BF084836.D

Acq: 4 Feb 2016 18:47

Instrument :

BNA_F

ClientSampleId :

S4-B017(5-7)

Tgt Ion: 276 Resp: 724075

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 19.2 17.8 26.6

