

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
 Data File : BF079314.D
 Acq On : 18 May 2015 18:07
 Operator : TP/IZ
 Sample : PB83448BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83448BS

Quant Time: May 19 01:14:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 00:51:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	52896	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	214984	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	104931	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	200310	20.00	ng	0.00
75) Chrysene-d12	16.06	240	213753	20.00	ng	0.01
86) Perylene-d12	17.87	264	219113	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	351707m	114.45	ng	0.00
7) Phenol-d6	6.73	99	456861	112.48	ng	-0.01
23) Nitrobenzene-d5	7.86	82	267032	71.39	ng	0.00
41) 2,4,6-Tribromophenol	11.90	330	141972	125.07	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	557230	73.99	ng	0.00
78) Terphenyl-d14	14.75	244	681156	76.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	36262m	27.14	ng	
3) Pyridine	2.78	79	126014m	32.23	ng	
4) n-Nitrosodimethylamine	2.68	42	60588m	36.17	ng	
6) Aniline	6.75	93	122327	21.34	ng	# 25
8) 2-Chlorophenol	6.90	128	126611	36.33	ng	# 81
9) Benzaldehyde	6.62	77	27843	10.18	ng	91
10) Phenol	6.75	94	169649	36.00	ng	# 69
11) bis(2-Chloroethyl)ether	6.86	93	123451	35.74	ng	91
12) 1,3-Dichlorobenzene	7.08	146	136725	34.90	ng	# 91
13) 1,4-Dichlorobenzene	7.19	146	142444	35.33	ng	98
14) 1,2-Dichlorobenzene	7.37	146	132089	35.19	ng	98
15) Benzyl Alcohol	7.35	79	98434	32.65	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.53	45	182329	34.50	ng	97
17) 2-Methylphenol	7.50	107	101472	36.18	ng	# 94
18) Hexachloroethane	7.78	117	46911	33.78	ng	# 86
19) n-Nitroso-di-n-propylamine	7.68	70	92572	33.74	ng	# 93
20) 3+4-Methylphenols	7.69	107	136051	36.40	ng	# 48
22) Acetophenone	7.68	105	184399	37.97	ng	# 83
24) Nitrobenzene	7.88	77	133944	36.12	ng	# 83
25) Isophorone	8.18	82	245244	35.36	ng	95
26) 2-Nitrophenol	8.27	139	60379	39.34	ng	# 86
27) 2,4-Dimethylphenol	8.34	122	116408	37.91	ng	96
28) bis(2-Chloroethoxy)methane	8.47	93	157895	36.93	ng	99
29) 2,4-Dichlorophenol	8.57	162	108162	39.61	ng	98
30) 1,2,4-Trichlorobenzene	8.67	180	108521	36.18	ng	99
31) Naphthalene	8.76	128	368383	35.96	ng	99
32) Benzoic acid	8.46	122	58159	32.57	ng	96
33) 4-Chloroaniline	8.84	127	94751	21.86	ng	# 92
34) Hexachlorobutadiene	8.92	225	62032	35.91	ng	98
35) Caprolactam	9.27	113	32469	36.77	ng	96
36) 4-Chloro-3-methylphenol	9.46	107	112317	39.16	ng	95
37) 2-Methylnaphthalene	9.63	142	258181	36.37	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	103339	34.97	ng	99
40) Hexachlorocyclopentadiene	9.82	237	91012	61.24	ng	94

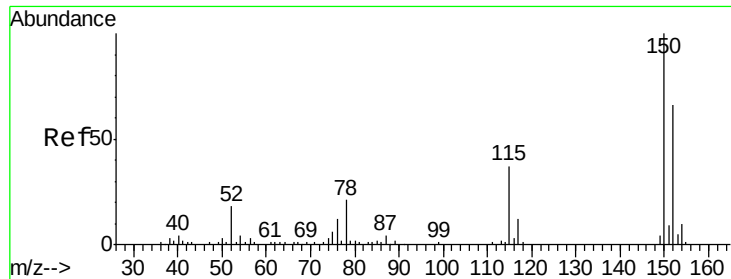
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.99	196	72801	35.83	nq	97
43) 2,4,5-Trichlorophenol	10.03	196	75554	36.78	nq	98
45) 1,1'-Biphenyl	10.20	154	299993	35.96	nq	97
46) 2-Chloronaphthalene	10.23	162	234021	35.97	nq	97
47) 2-Nitroaniline	10.36	65	72987	38.71	nq	# 73
48) Acenaphthylene	10.74	152	399199	37.37	nq	98
49) Dimethylphthalate	10.60	163	290123	37.67	nq	97
50) 2,6-Dinitrotoluene	10.67	165	57701	37.97	nq	# 66
51) Acenaphthene	10.96	154	228798	35.91	nq	99
52) 3-Nitroaniline	10.88	138	49434	26.04	nq	# 75
53) 2,4-Dinitrophenol	11.02	184	45225	73.96	nq	# 58
54) Dibenzofuran	11.18	168	350515	38.09	nq	95
55) 4-Nitrophenol	11.10	139	106075	70.59	nq	# 85
56) 2,4-Dinitrotoluene	11.18	165	81514	40.57	nq	96
57) Fluorene	11.60	166	288058	38.14	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.32	232	65386	38.95	nq	# 99
59) Diethylphthalate	11.47	149	288544	37.82	nq	98
60) 4-Chlorophenyl-phenylether	11.61	204	124873	37.27	nq	# 87
61) 4-Nitroaniline	11.63	138	74249	39.09	nq	87
62) Azobenzene	11.80	77	294818	39.22	nq	92
64) 4,6-Dinitro-2-methylphenol	11.68	198	33436	42.14	nq	98
65) n-Nitrosodiphenylamine	11.76	169	244467	36.65	nq	100
66) 4-Bromophenyl-phenylether	12.22	248	78129	37.42	nq	# 77
67) Hexachlorobenzene	12.27	284	88976	37.28	nq	# 70
68) Atrazine	12.43	200	76620	39.50	nq	93
69) Pentachlorophenol	12.52	266	90633	66.20	nq	99
70) Phenanthrene	12.79	178	424087	37.84	nq	99
71) Anthracene	12.85	178	416199	37.86	nq	99
72) Carbazole	13.05	167	417765	39.87	nq	99
73) Di-n-butylphthalate	13.51	149	497276	39.57	nq	98
74) Fluoranthene	14.26	202	462911	39.64	nq	94
76) Benzidine	14.45	184	210448	36.53	nq	97
77) Pyrene	14.54	202	482557	39.18	nq	99
79) Butylbenzylphthalate	15.37	149	224264	41.65	nq	94
80) Benzo(a)anthracene	16.05	228	450444	38.48	nq	100
81) 3,3'-Dichlorobenzidine	16.02	252	136209	32.67	nq	# 97
82) Chrysene	16.09	228	422994	37.57	nq	99
83) Bis(2-ethylhexyl)phthalate	16.11	149	344882	42.29	nq	99
84) Di-n-octyl phthalate	16.95	149	581371	40.48	nq	97
85) Indeno(1,2,3-cd)pyrene	19.30	276	551622	38.46	nq	99
87) Benzo(b)fluoranthene	17.41	252	497176	41.45	nq	98
88) Benzo(k)fluoranthene	17.44	252	417162	35.93	nq	# 97
89) Benzo(a)pyrene	17.82	252	454222	41.13	nq	# 98
90) Dibenzo(a,h)anthracene	19.33	278	453010	38.60	nq	99
91) Benzo(g,h,i)perylene	19.71	276	466374	39.65	nq	98

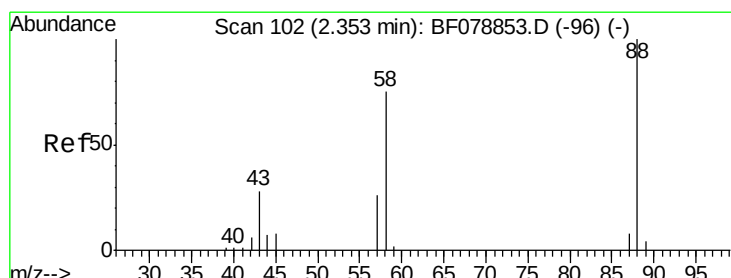
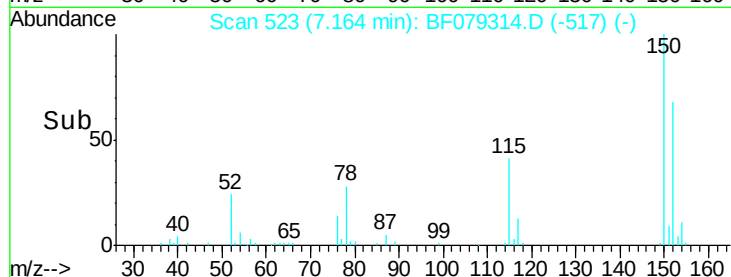
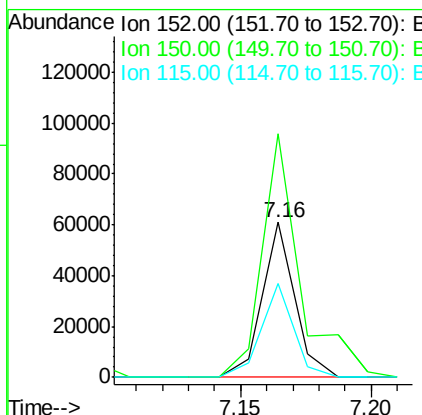
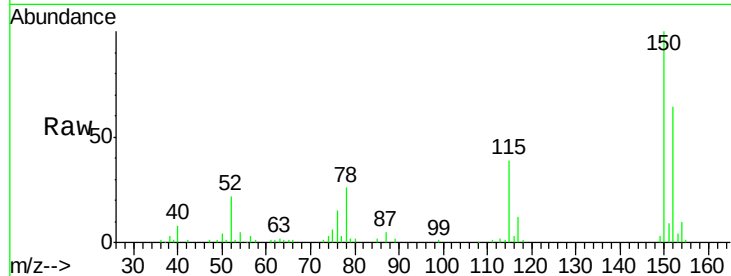
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.16 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

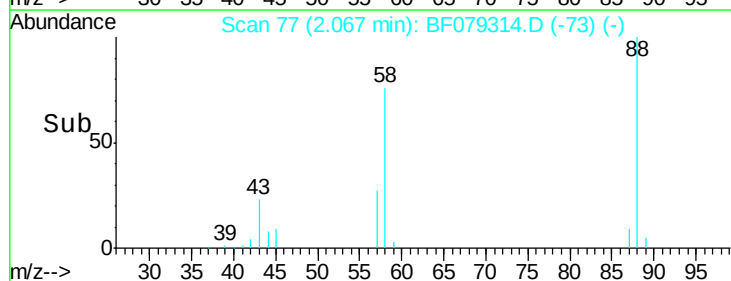
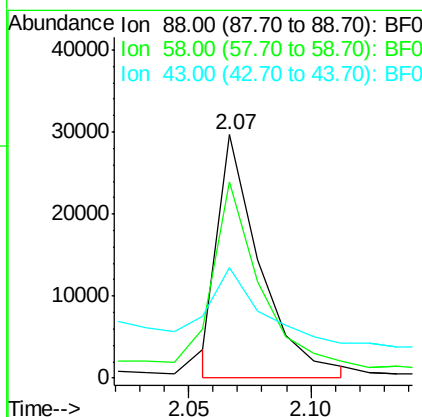
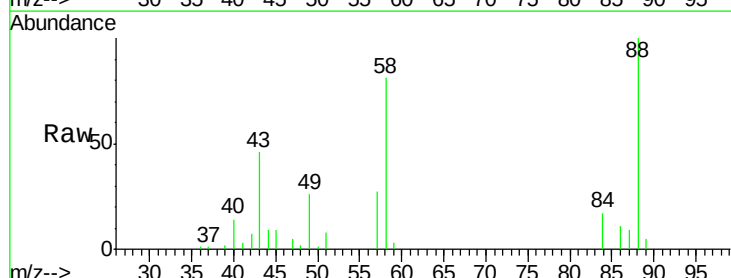
Instrument :
 BNA_F
 ClientSampleId :
 PB83448BS

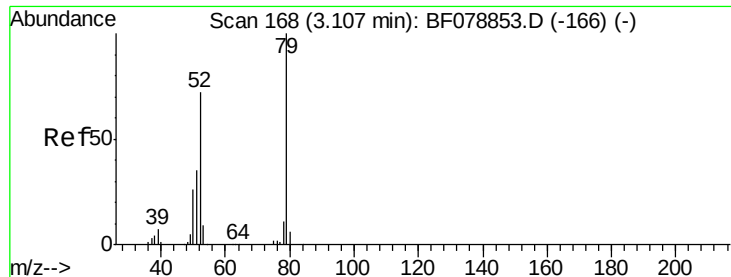
Tot Ion:152 Resp: 52896
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.8 185.8
 115 60.7 49.4 74.0



#2
 1,4-Dioxane
 Concen: 27.14 ng m
 RT: 2.07 min Scan# 77
 Delta R.T. 0.02 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Tgt Ion: 88 Resp: 36262
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.5 95.3#
 43 0.0 24.6 37.0#





#3

Pvridine

Concen: 32.23 ng m

RT: 2.78 min Scan# 139

Delta R.T. 0.03 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB83448BS

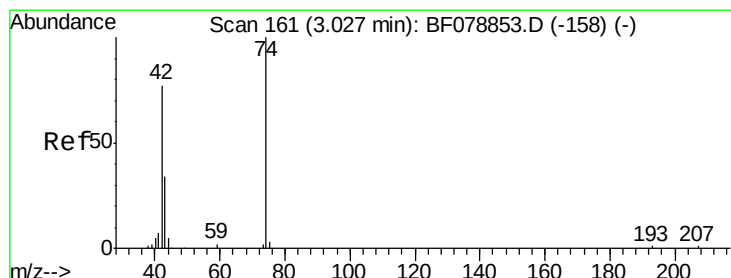
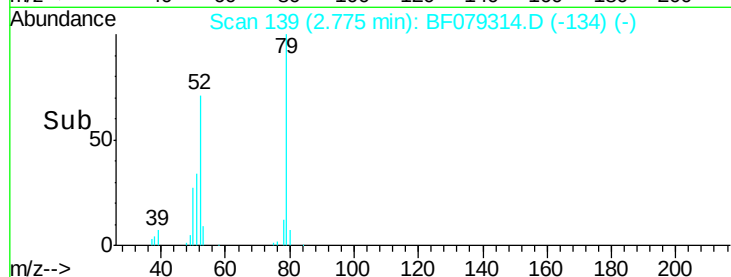
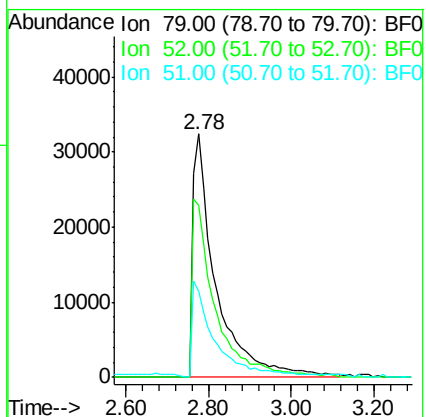
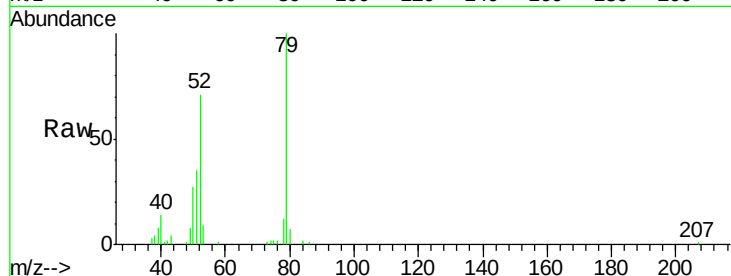
Tot Ion: 79 Resp: 126014

Ion Ratio Lower Upper

79 100

52 70.7 57.6 86.4

51 35.3 28.7 43.1



#4

n-Nitrosodimethylamine

Concen: 36.17 ng m

RT: 2.68 min Scan# 131

Delta R.T. 0.02 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

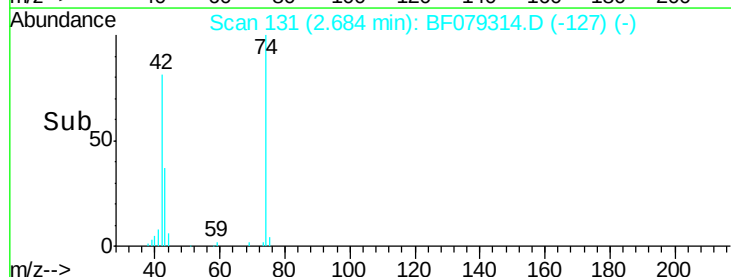
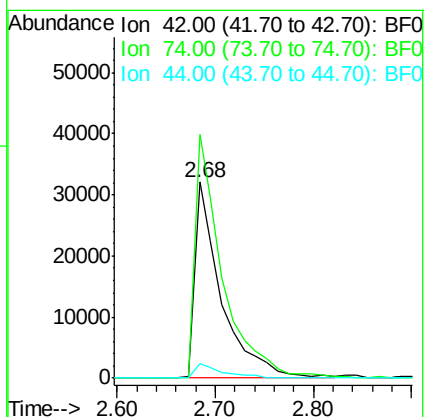
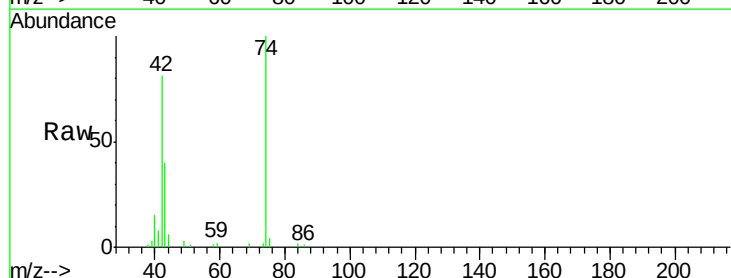
Tgt Ion: 42 Resp: 60588

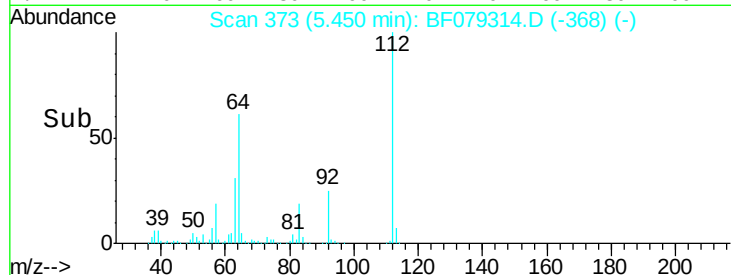
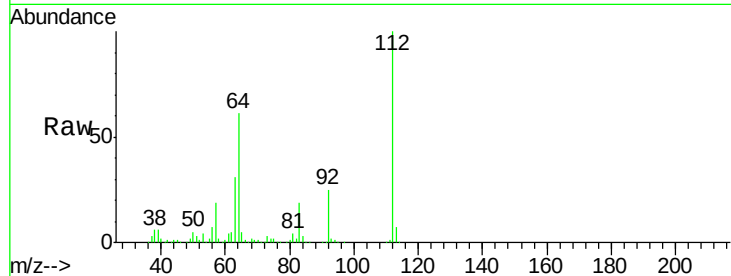
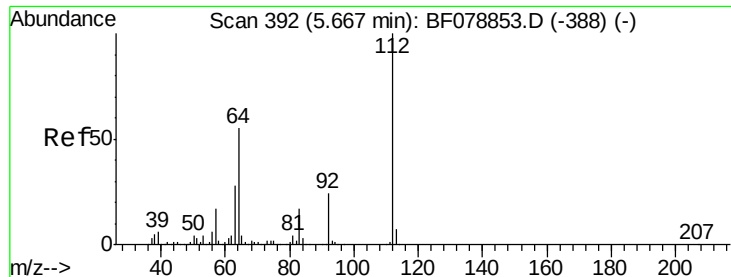
Ion Ratio Lower Upper

42 100

74 124.2 104.4 156.6

44 7.7 6.2 9.2





#5

2-Fluorophenol

Concen: 114.45 ng/mL

RT: 5.45 min Scan# 373

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleID :

PB83448BS

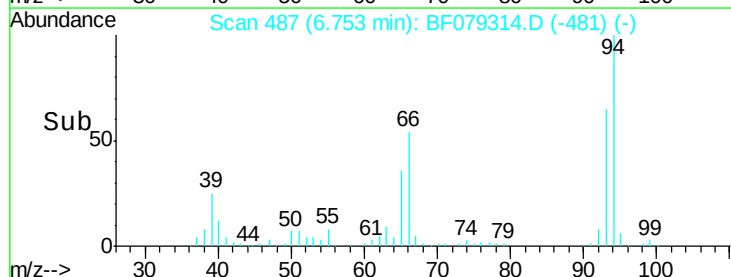
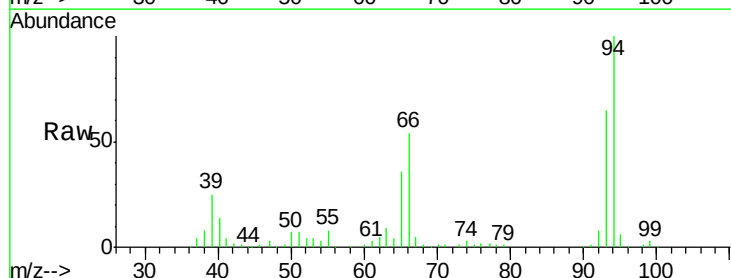
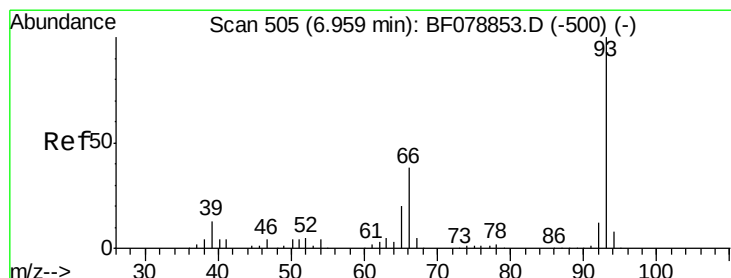
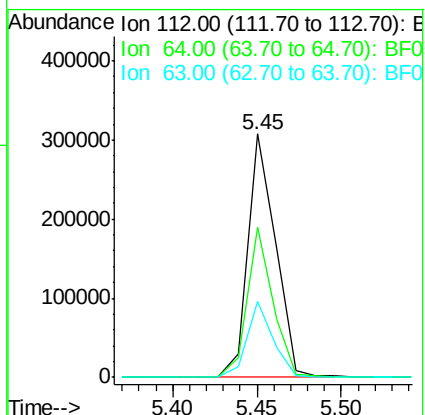
Tot Ion: 112 Resp: 351707

Ion Ratio Lower Upper

112 100

64 61.4 44.2 66.2

63 31.3 22.7 34.1



#6

Aniline

Concen: 21.34 ng/mL

RT: 6.75 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

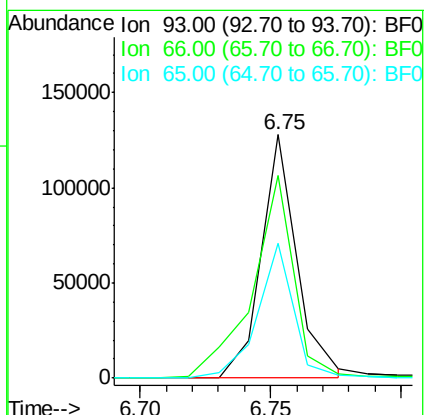
Tgt Ion: 93 Resp: 122327

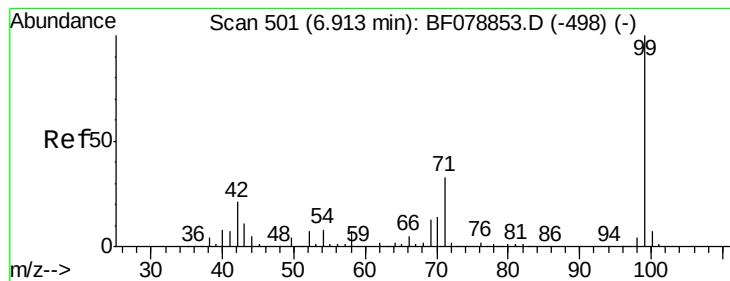
Ion Ratio Lower Upper

93 100

66 83.3 30.7 46.1#

65 55.5 15.8 23.8#





#7

Phenol-d6

Concen: 112.48 ng

RT: 6.73 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB83448BS

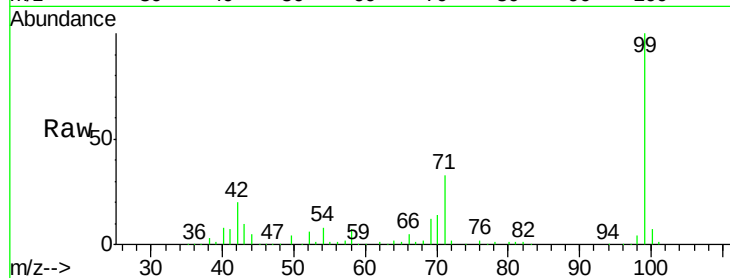
Tot Ion: 99 Resp: 456861

Ion Ratio Lower Upper

99 100

42 19.7 17.1 25.7

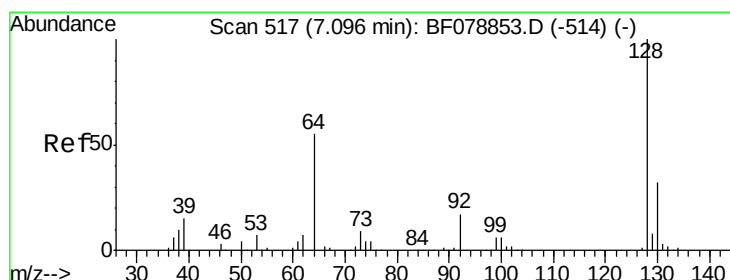
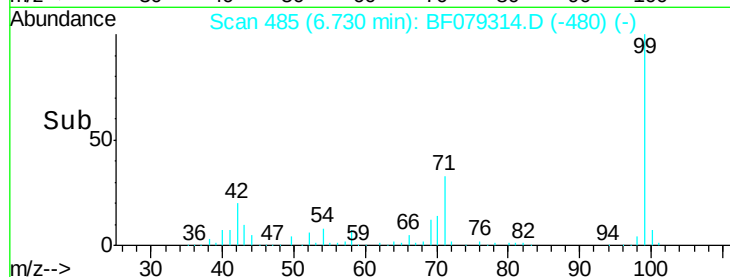
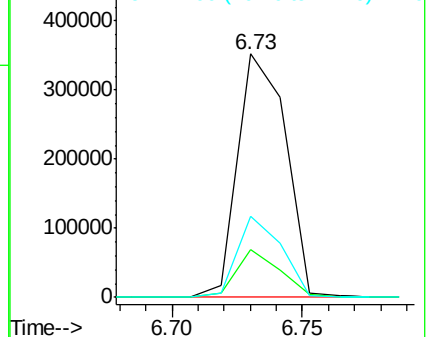
71 33.2 26.3 39.5



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: 36.33 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

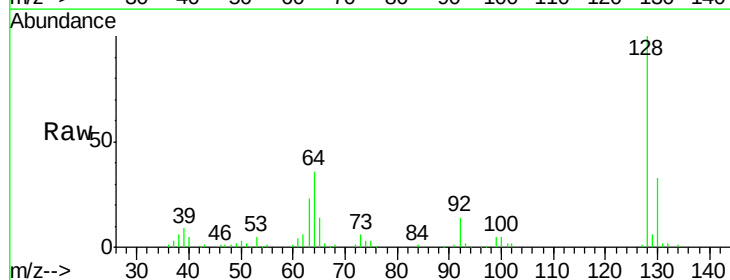
Tgt Ion: 128 Resp: 126611

Ion Ratio Lower Upper

128 100

130 32.8 12.4 52.4

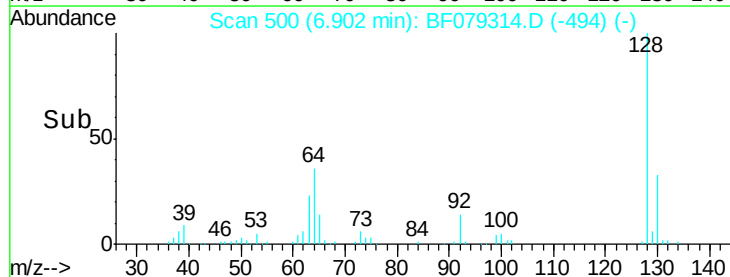
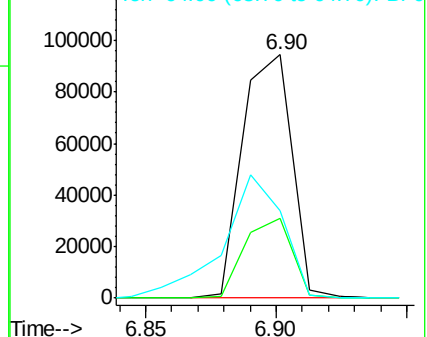
64 36.0 37.8 77.8#

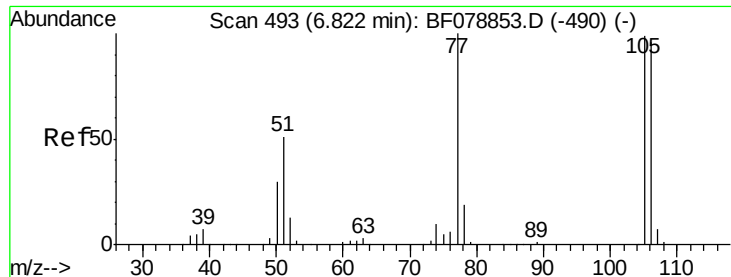


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 10.18 ng

RT: 6.62 min Scan# 475

Delta R.T. -0.00 min

Lab File: BF079314.D

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PB83448BS

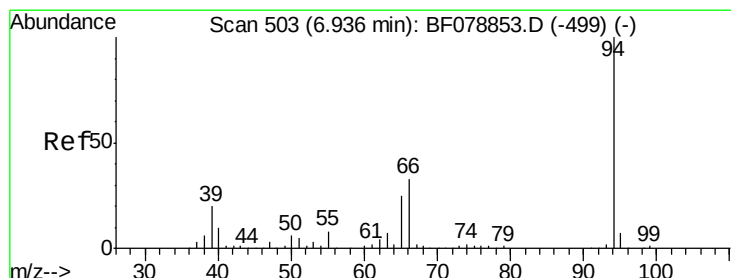
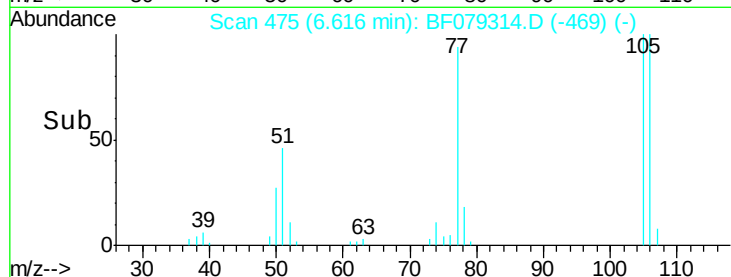
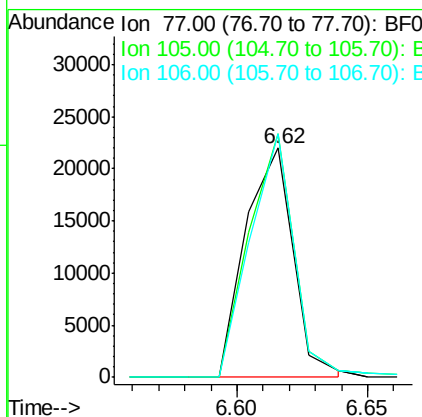
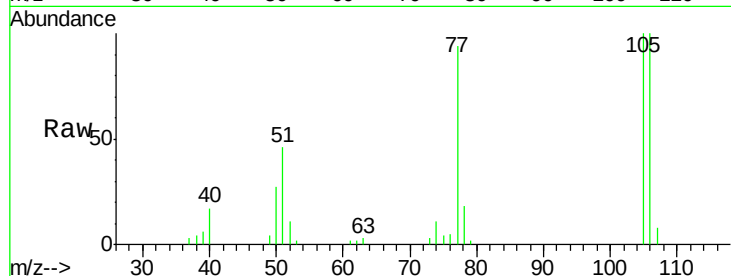
Tot Ion: 77 Resp: 27843

Ion Ratio Lower Upper

77 100

105 106.0 78.9 118.9

106 106.2 75.8 115.8



#10

Phenol

Concen: 36.00 ng

RT: 6.75 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

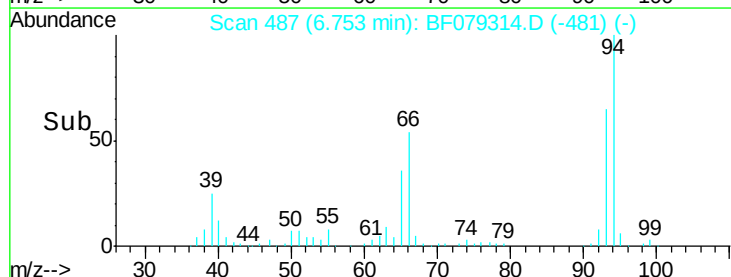
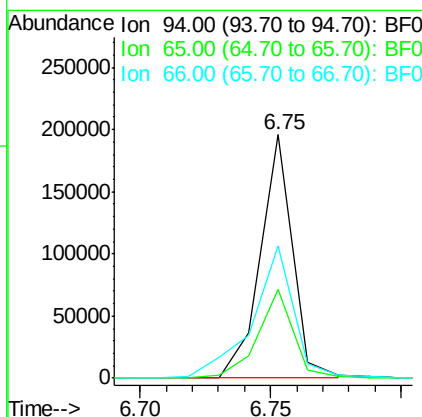
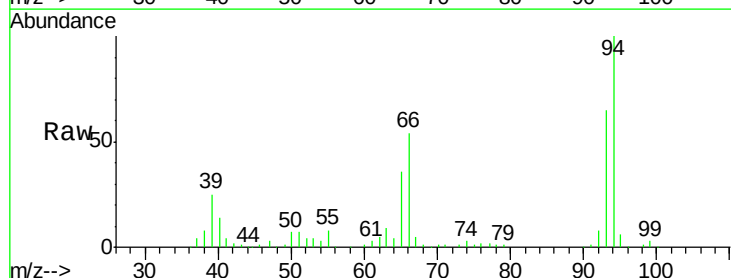
Tgt Ion: 94 Resp: 169649

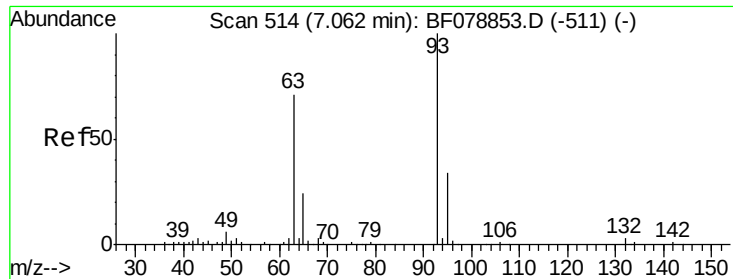
Ion Ratio Lower Upper

94 100

65 36.2 5.1 45.1

66 54.4 13.1 53.1#

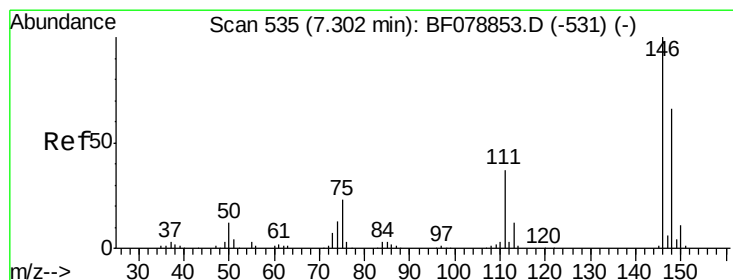
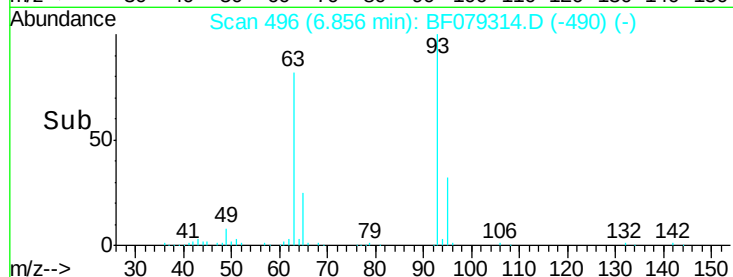
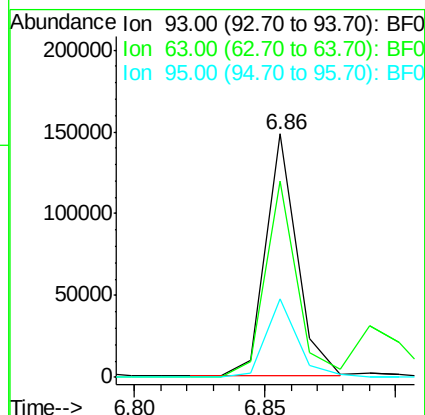
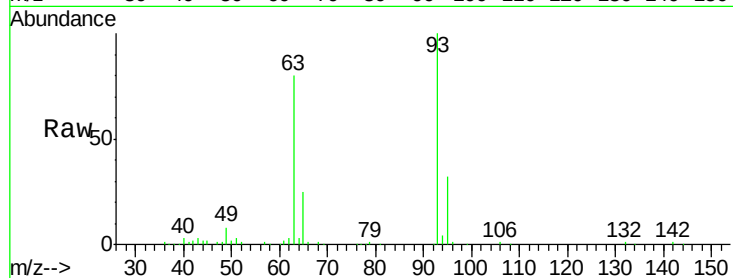




#11
 bis(2-Chloroethyl)ether
 Concen: 35.74 ng
 RT: 6.86 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

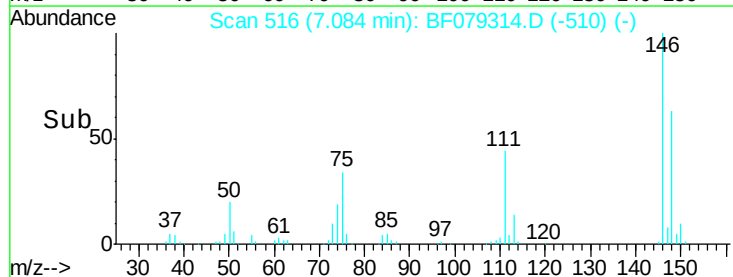
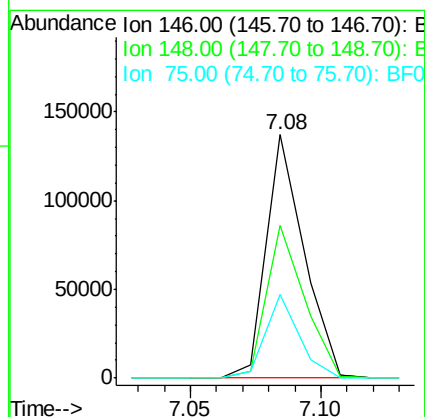
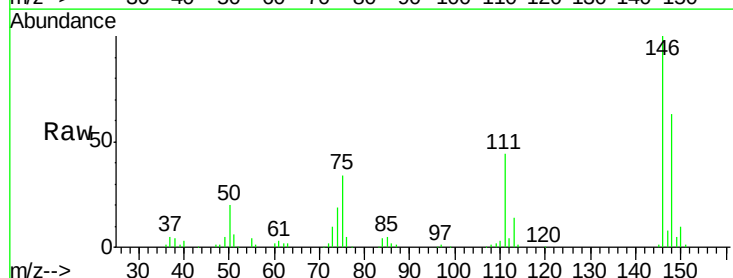
Instrument :
 BNA_F
 ClientSampleId :
 PB83448BS

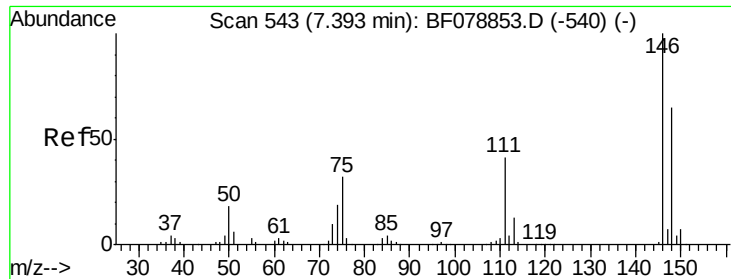
Tot Ion:	93	Resp:	123451
Ion	Ratio	Lower	Upper
93	100		
63	80.4	50.8	90.8
95	32.0	13.9	53.9



#12
 1,3-Dichlorobenzene
 Concen: 34.90 ng
 RT: 7.08 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Tgt Ion:	146	Resp:	136725
Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.4	78.6
75	34.3	18.6	27.8#

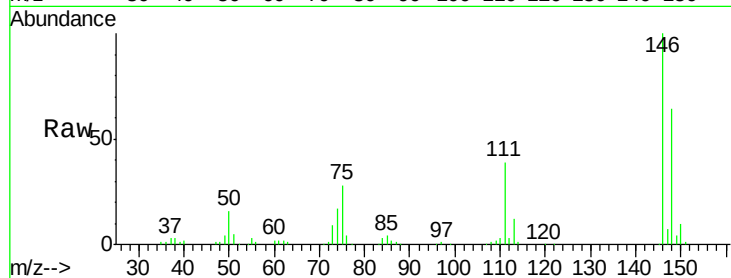




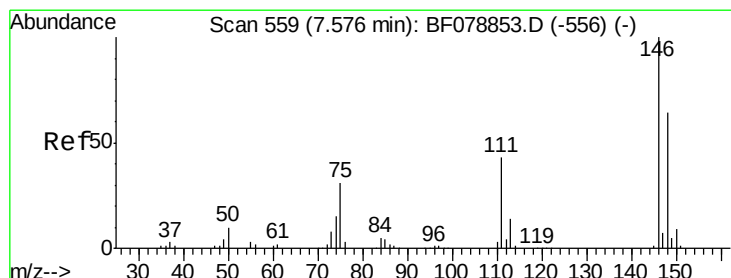
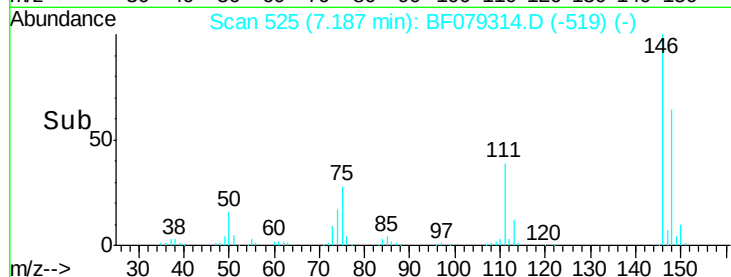
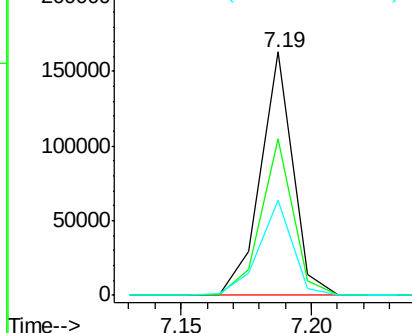
#13
 1,4-Dichlorobenzene
 Concen: 35.33 ng
 RT: 7.19 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB83448BS

Tot Ion:146 Resp: 142444
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.7 77.5
 111 39.0 32.8 49.2

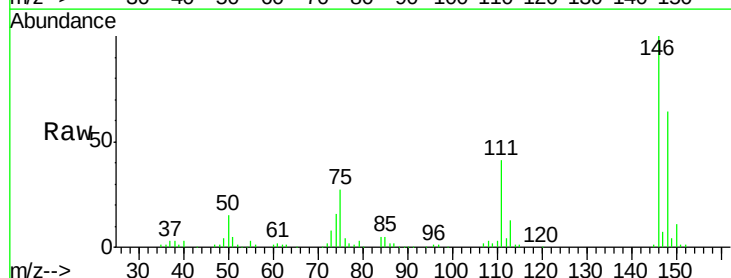


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

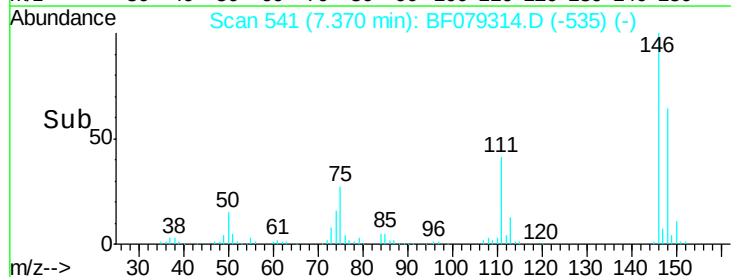
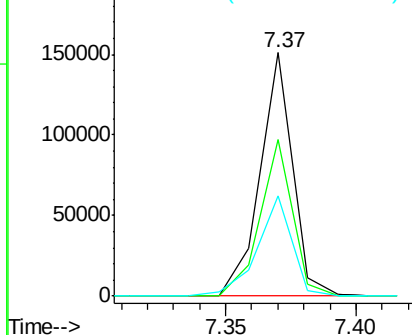


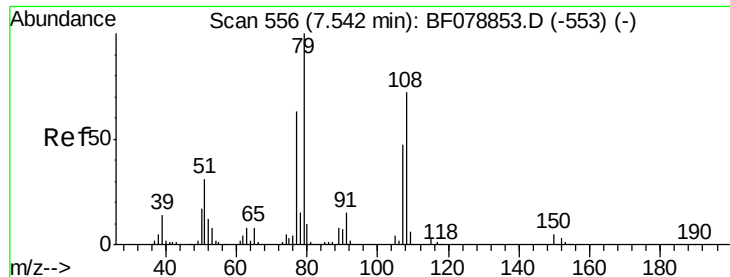
#14
 1,2-Dichlorobenzene
 Concen: 35.19 ng
 RT: 7.37 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Tgt Ion:146 Resp: 132089
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 41.0 34.6 52.0



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





#15

Benzyl Alcohol

Concen: 32.65 ng

RT: 7.35 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleID :

PB83448BS

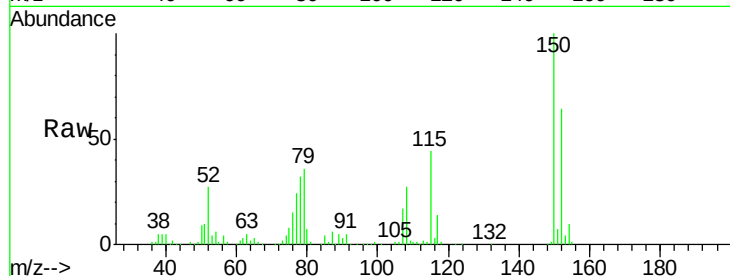
Tot Ion: 79 Resp: 98434

Ion Ratio Lower Upper

79 100

108 75.0 57.4 86.2

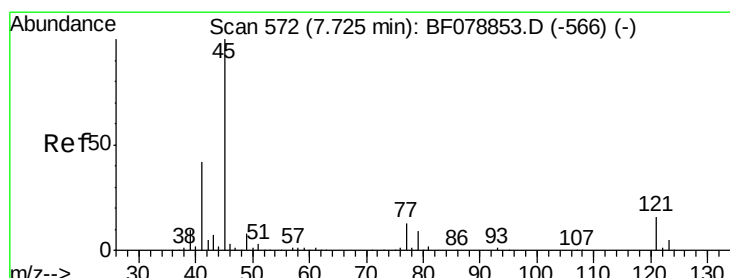
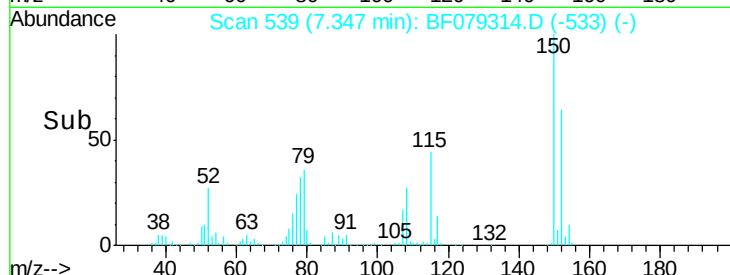
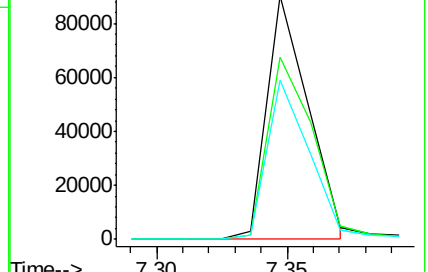
77 65.3 50.2 75.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.50 ng

RT: 7.53 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

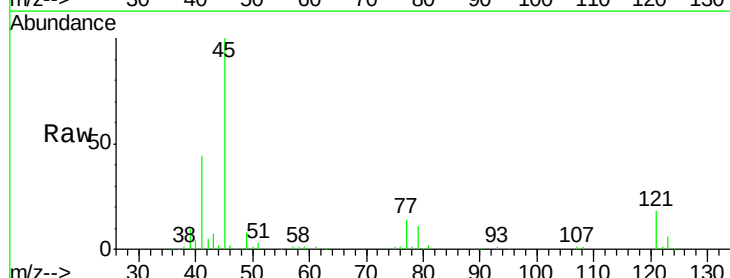
Tgt Ion: 45 Resp: 182329

Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.6

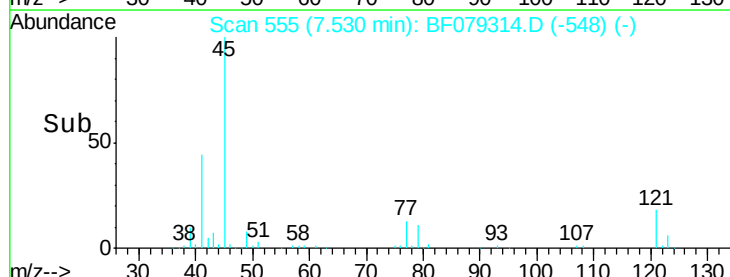
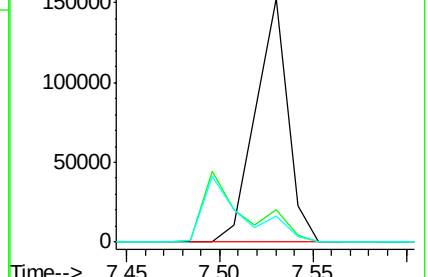
79 10.9 0.0 29.3

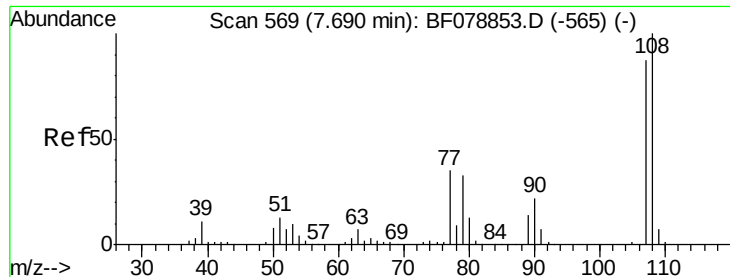


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 36.18 ng

RT: 7.50 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB83448BS

Tot Ion:107 Resp: 101472

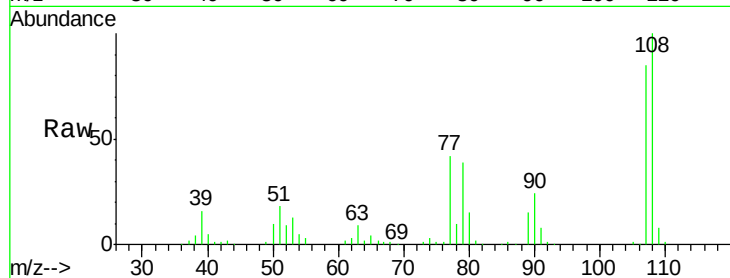
Ion Ratio Lower Upper

107 100

108 117.3 92.4 138.6

77 49.0 32.6 49.0#

79 45.5 30.9 46.3

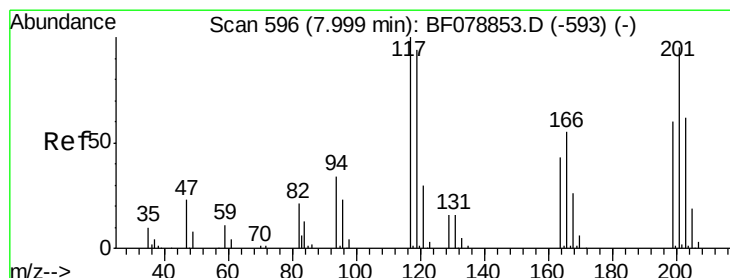
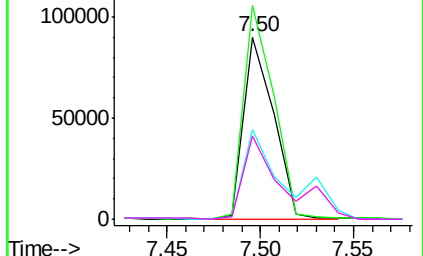
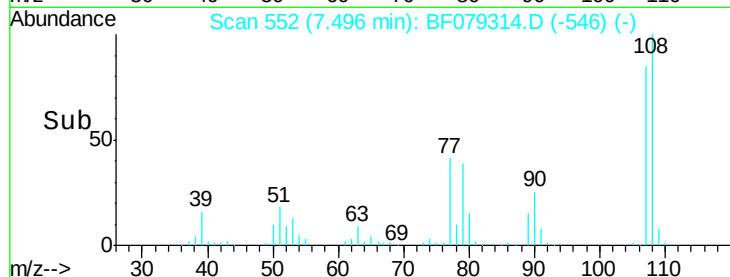


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.78 ng

RT: 7.78 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

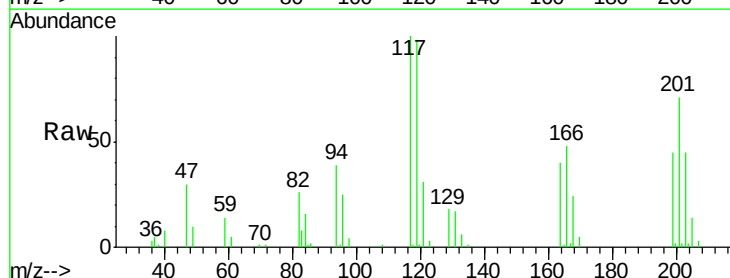
Tgt Ion:117 Resp: 46911

Ion Ratio Lower Upper

117 100

119 97.7 75.2 112.8

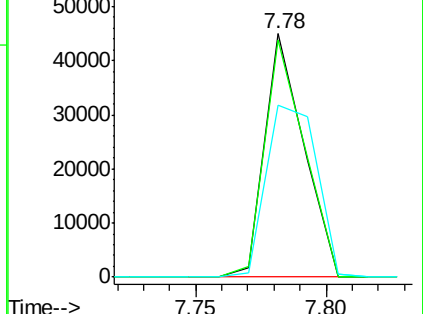
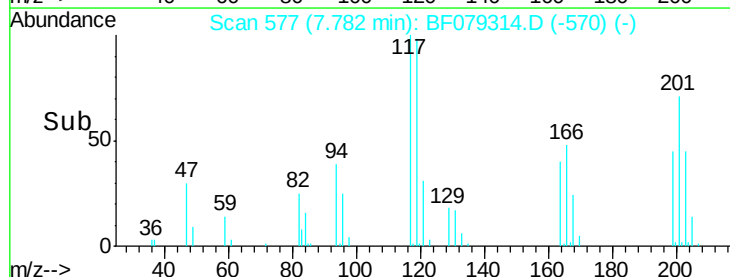
201 70.8 75.8 113.8#

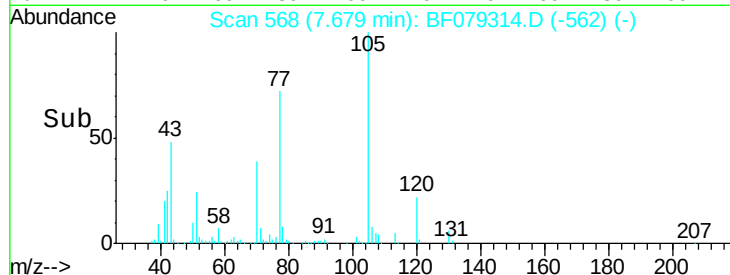
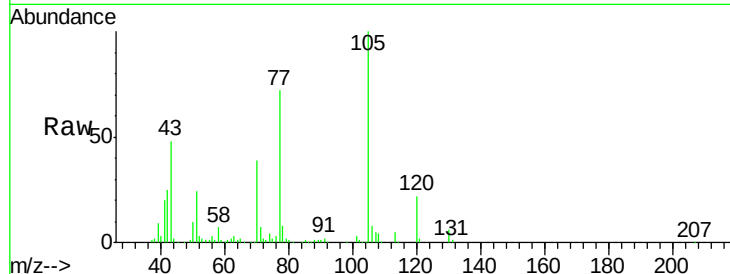
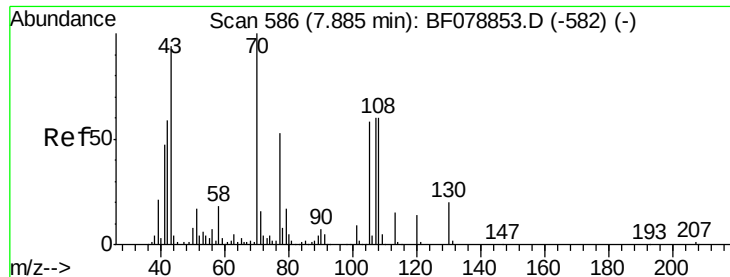


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

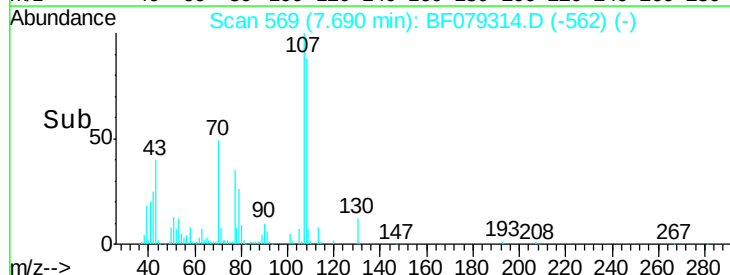
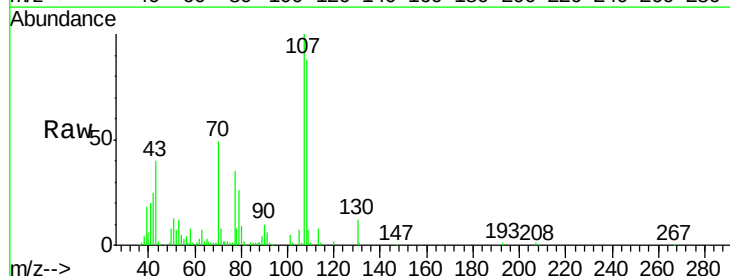
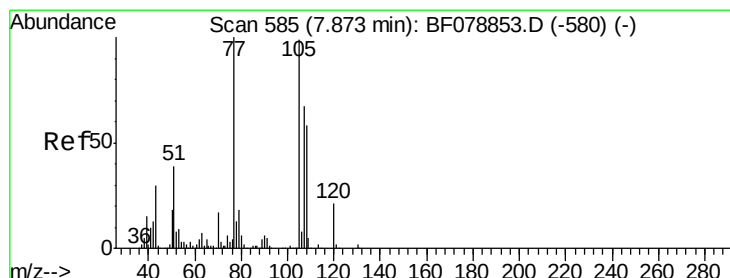
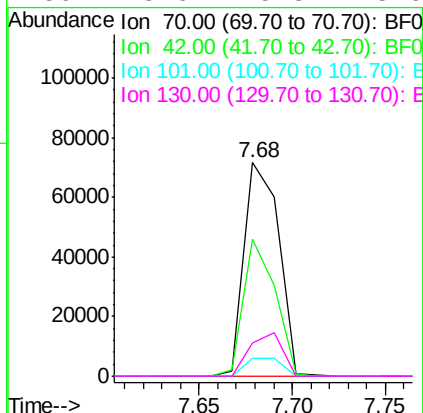




#19
n-Nitroso-di-n-propylamine
Concen: 33.74 ng
RT: 7.68 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

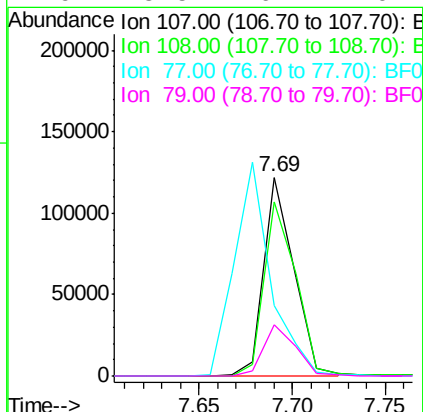
Instrument :
BNA_F
ClientSampleId :
PB83448BS

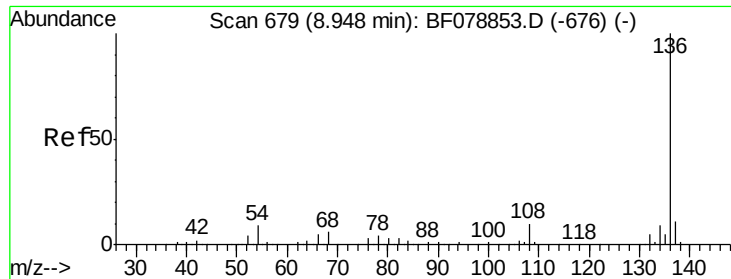
Tot Ion: 70 Resp: 92572
Ion Ratio Lower Upper
70 100
42 64.0 47.3 70.9
101 8.4 7.5 11.3
130 15.6 15.8 23.6#



#20
3+4-Methylphenols
Concen: 36.40 ng
RT: 7.69 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

Tgt Ion: 107 Resp: 136051
Ion Ratio Lower Upper
107 100
108 87.8 66.5 106.5
77 35.3 130.6 170.6#
79 25.5 6.4 46.4

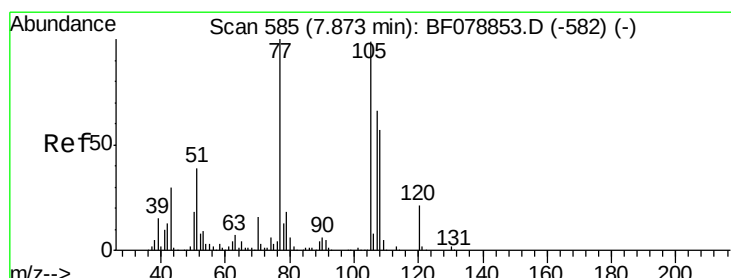
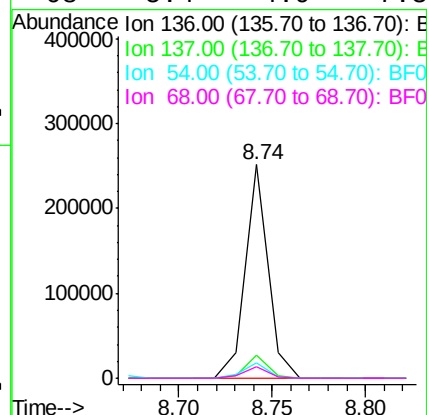
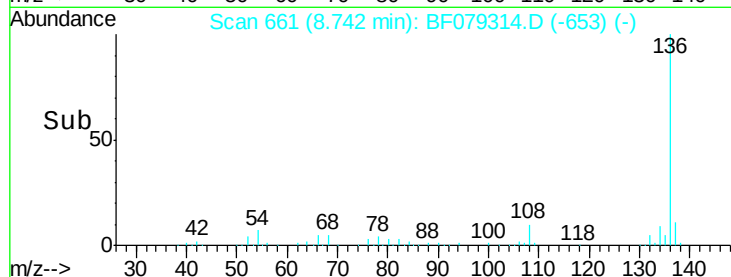
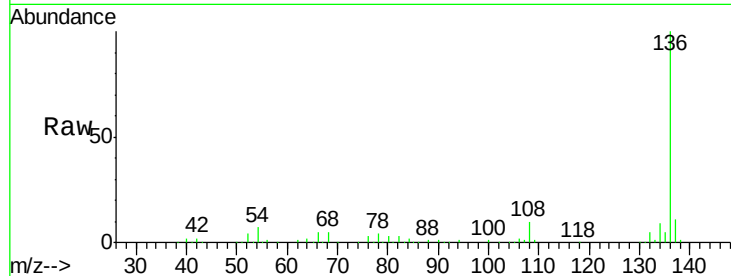




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.74 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

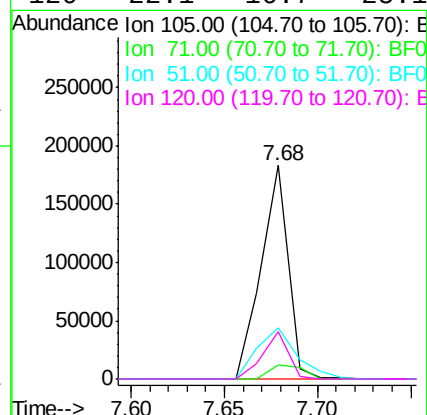
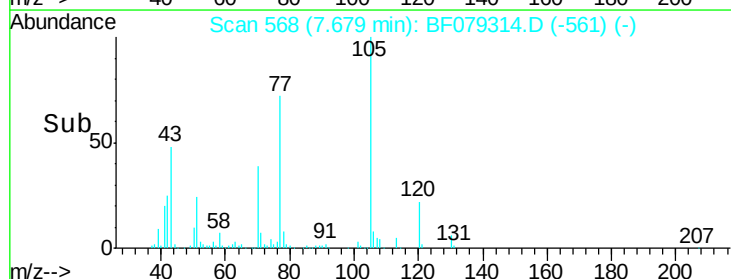
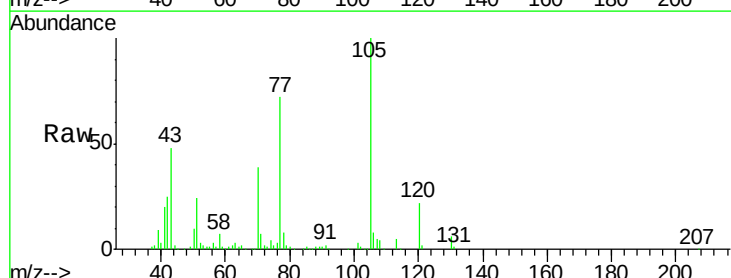
Instrument :
BNA_F
ClientSampleId :
PB83448BS

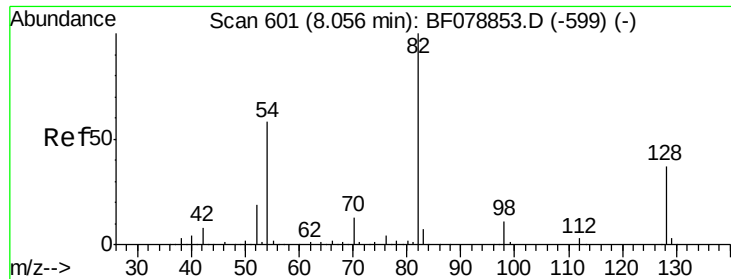
Tot Ion:136	Resp:	214984
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	7.4	6.9 10.3
68	5.4	4.9 7.3



#22
Acetophenone
Concen: 37.97 ng
RT: 7.68 min Scan# 568
Delta R.T. -0.00 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

Tgt Ion:105	Resp:	184399
Ion Ratio	Lower	Upper
105	100	
71	6.6	2.2 3.4#
51	24.0	31.1 46.7#
120	22.1	16.7 25.1

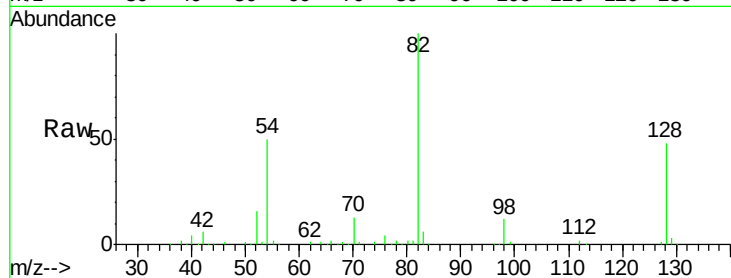




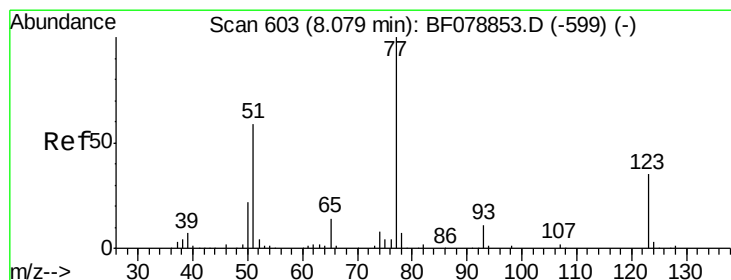
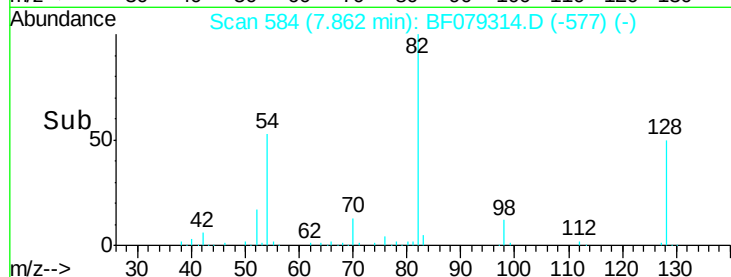
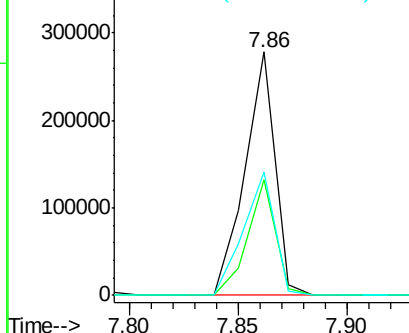
#23
 Nitrobenzene-d5
 Concen: 71.39 ng
 RT: 7.86 min Scan# 584
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB83448BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	29.7	44.5#
54	50.4	46.2	69.4

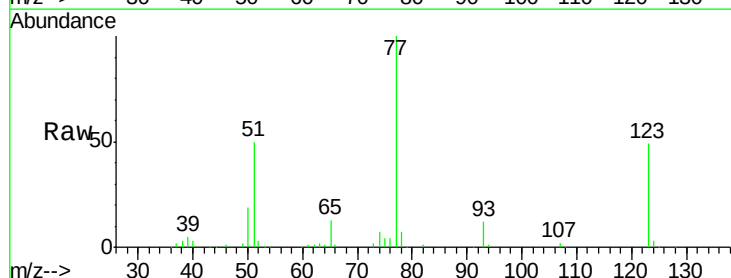


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

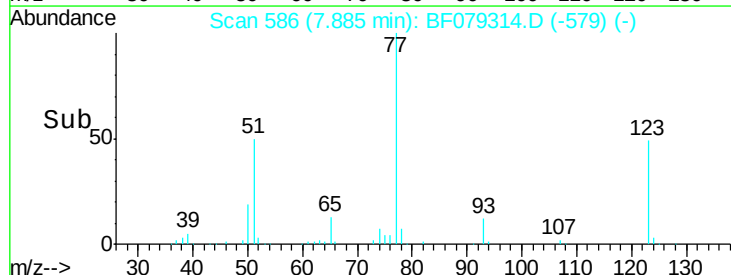
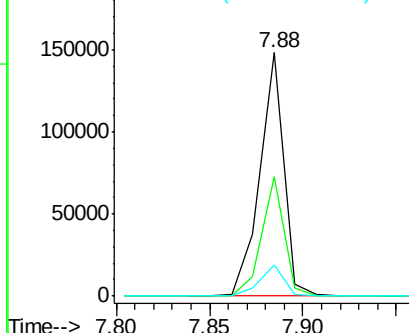


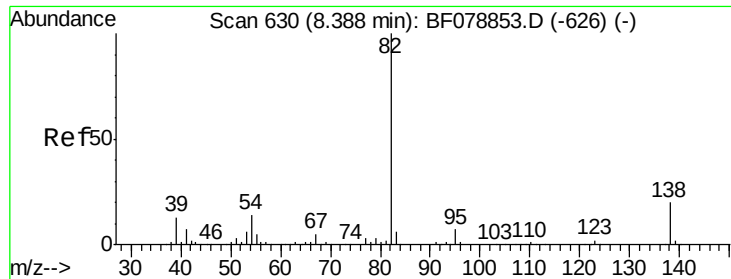
#24
 Nitrobenzene
 Concen: 36.12 ng
 RT: 7.88 min Scan# 586
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	28.3	42.5#
65	13.0	11.0	16.4



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: 35.36 ng

RT: 8.18 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB83448BS

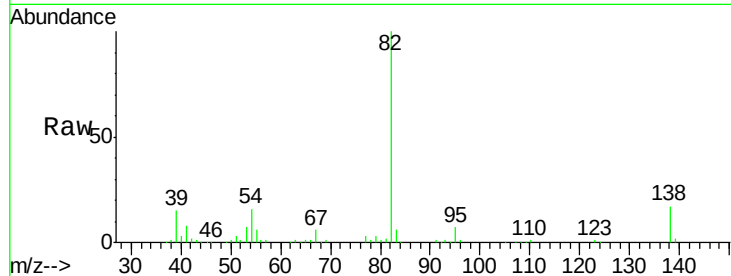
Tot Ion: 82 Resp: 245244

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

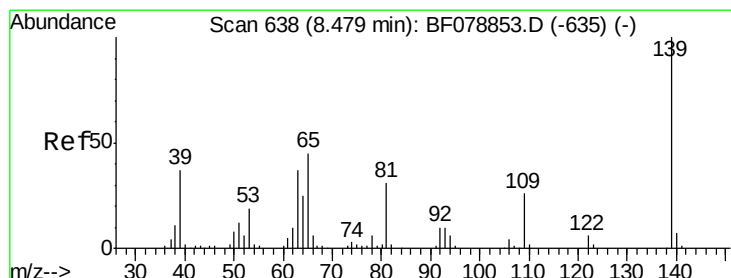
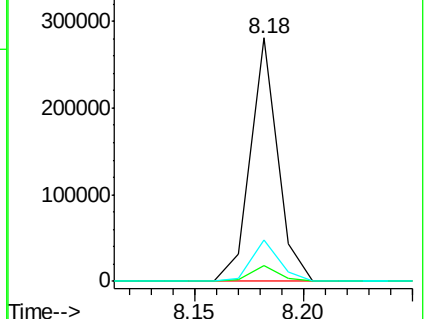
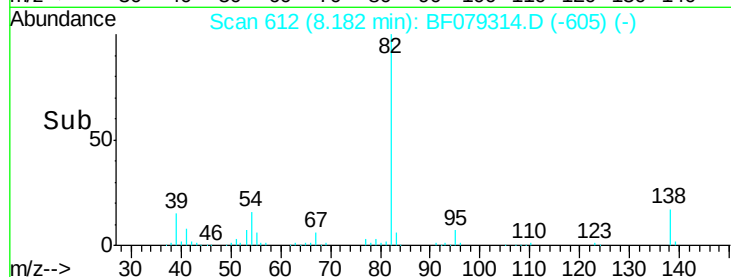
138 17.0 16.1 24.1



Abundance Ion 82.00 (81.70 to 82.70): BF079314.D (-605) (-)

Ion 95.00 (94.70 to 95.70): BF079314.D (-605) (-)

Ion 138.00 (137.70 to 138.70): BF079314.D (-605) (-)



#26

2-Nitrophenol

Concen: 39.34 ng

RT: 8.27 min Scan# 620

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

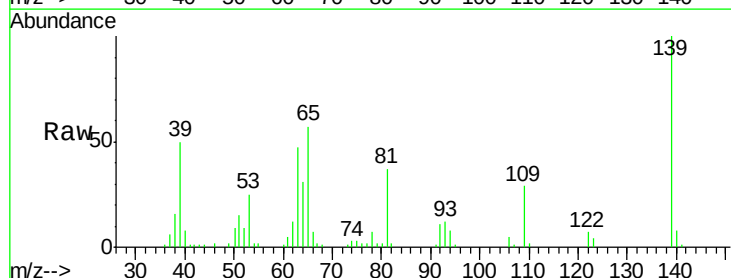
Tgt Ion: 139 Resp: 60379

Ion Ratio Lower Upper

139 100

109 28.7 20.9 31.3

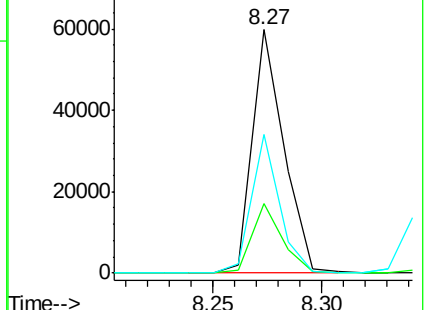
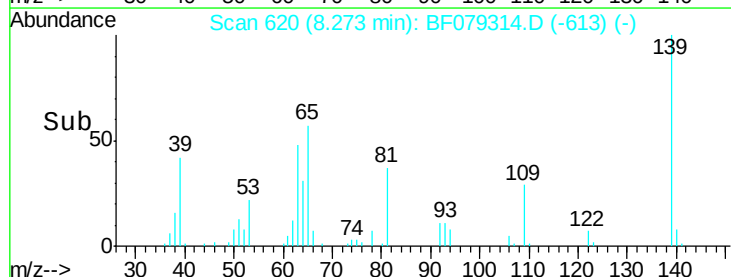
65 57.1 35.8 53.8#

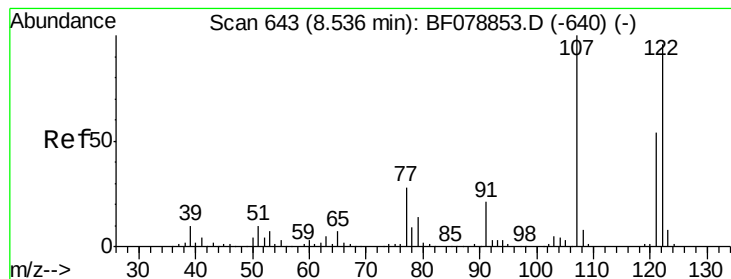


Abundance Ion 139.00 (138.70 to 139.70): BF079314.D (-613) (-)

Ion 109.00 (108.70 to 109.70): BF079314.D (-613) (-)

Ion 65.00 (64.70 to 65.70): BF079314.D (-613) (-)





#27

2,4-Dimethylphenol

Concen: 37.91 ng

RT: 8.34 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB83448BS

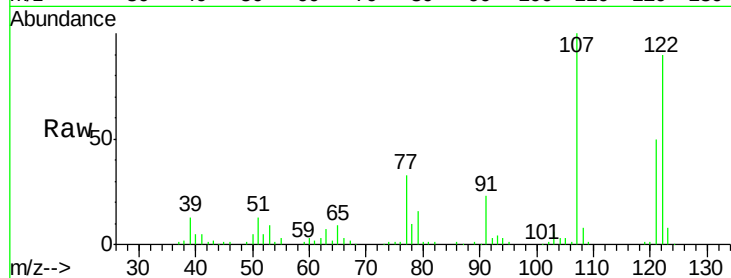
Tot Ion:122 Resp: 116408

Ion Ratio Lower Upper

122 100

107 111.4 83.6 125.4

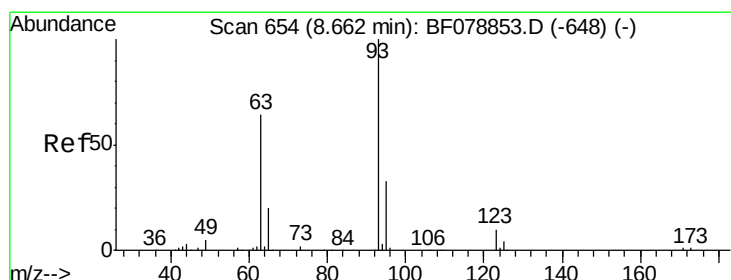
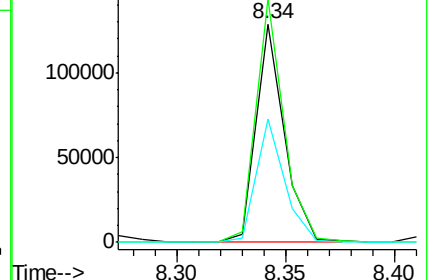
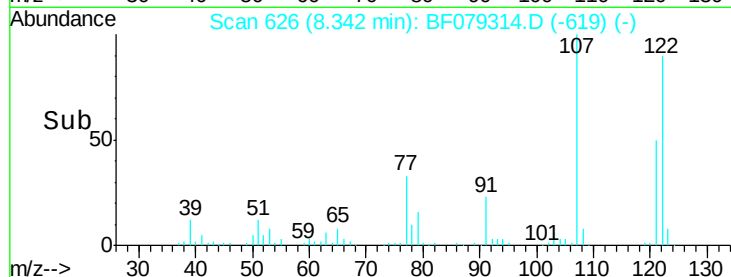
121 56.2 44.9 67.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.93 ng

RT: 8.47 min Scan# 637

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

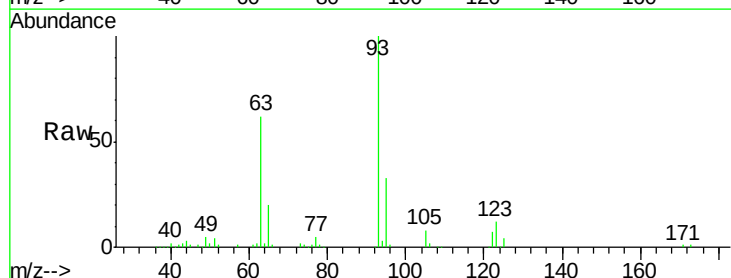
Tgt Ion: 93 Resp: 157895

Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.2

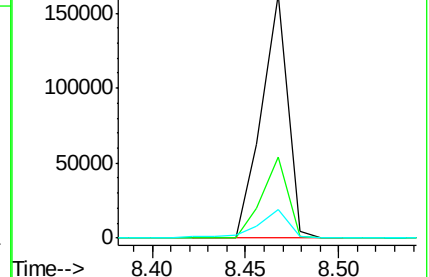
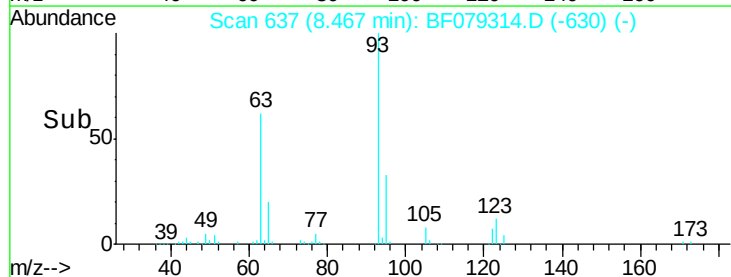
123 11.8 8.6 12.8

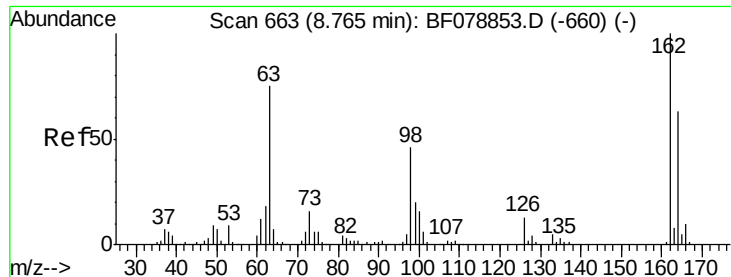


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

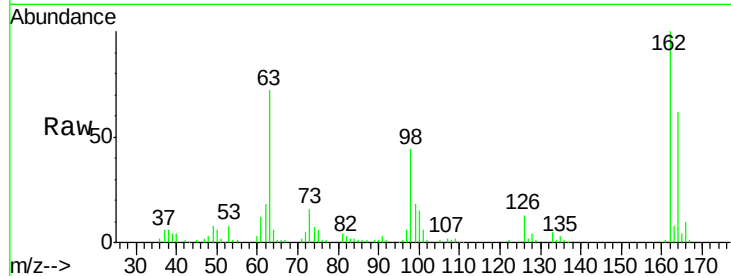




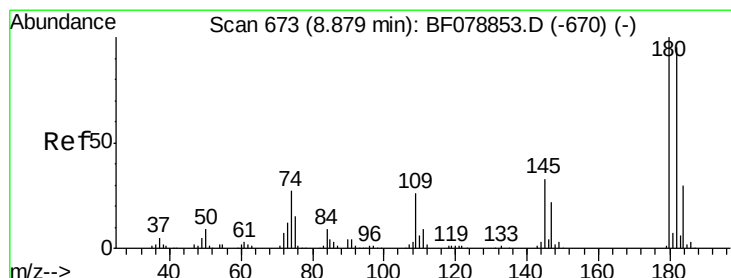
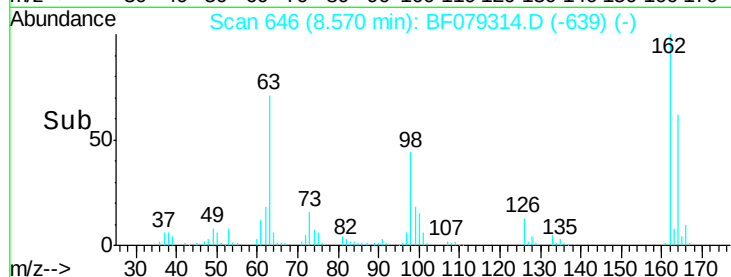
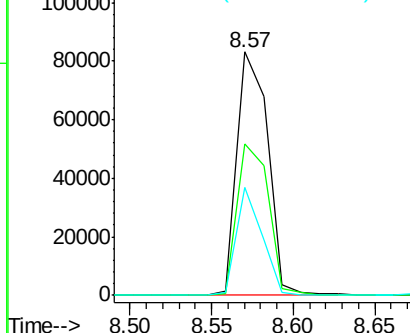
#29
 2,4-Dichlorophenol
 Concen: 39.61 ng
 RT: 8.57 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB83448BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.4	42.7	82.7
98	44.2	26.3	66.3

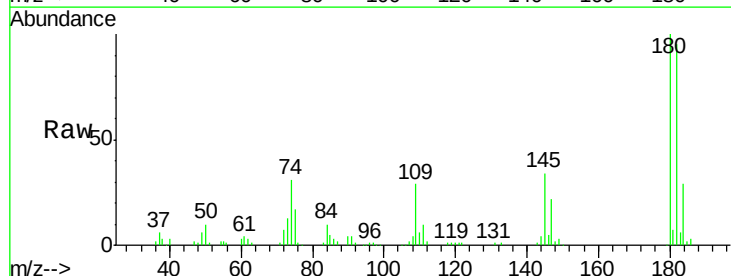


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

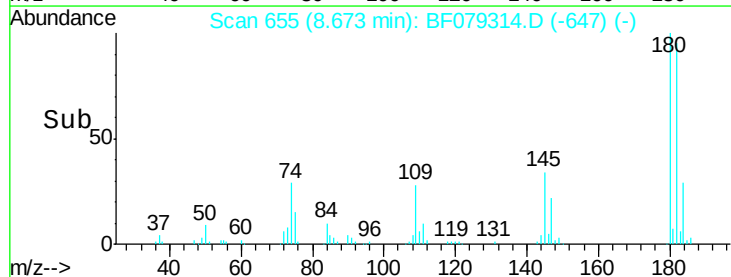
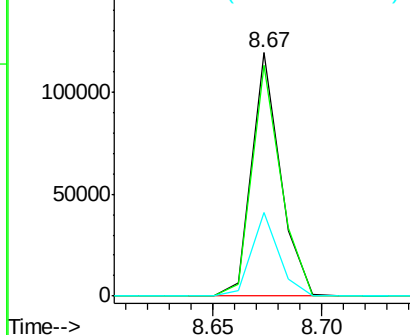


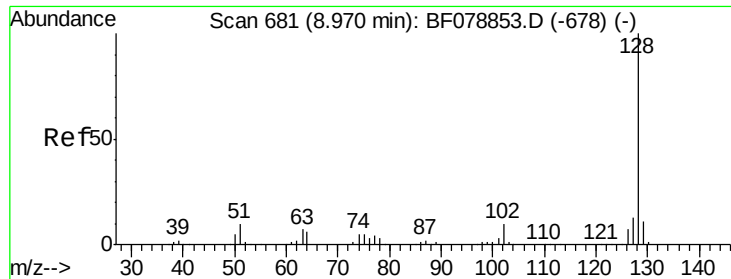
#30
 1,2,4-Trichlorobenzene
 Concen: 36.18 ng
 RT: 8.67 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.7	113.5
145	34.1	26.2	39.4



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

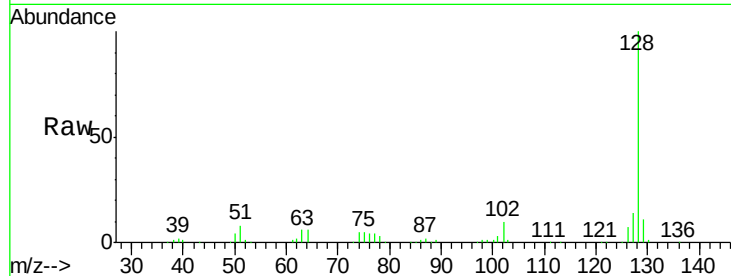




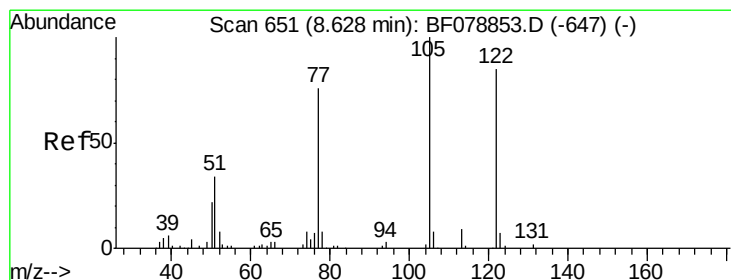
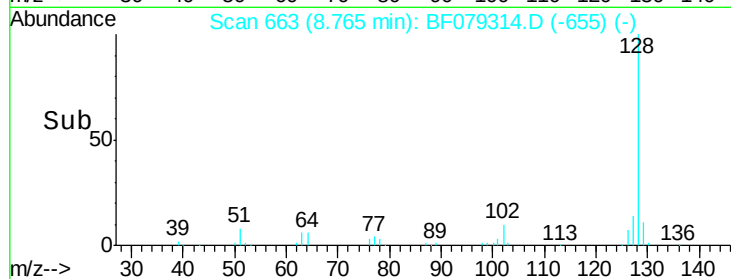
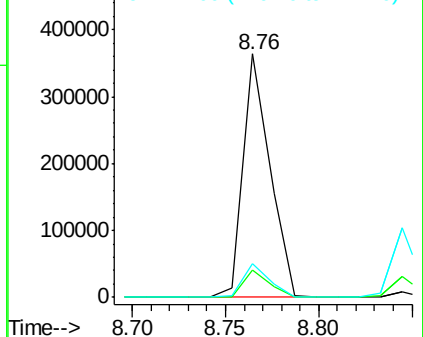
#31
Naphthalene
Concen: 35.96 ng
RT: 8.76 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

Instrument :
BNA_F
ClientSampleId :
PB83448BS

Tot Ion:128 Resp: 368383
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.6 10.3 15.5

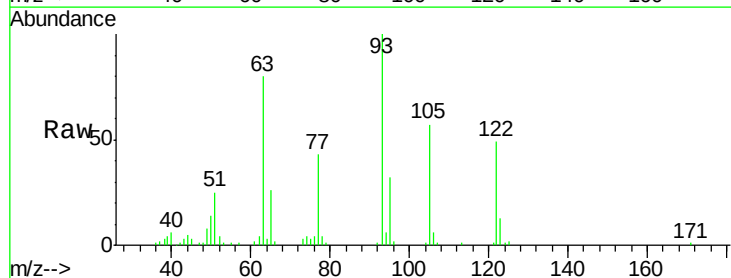


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

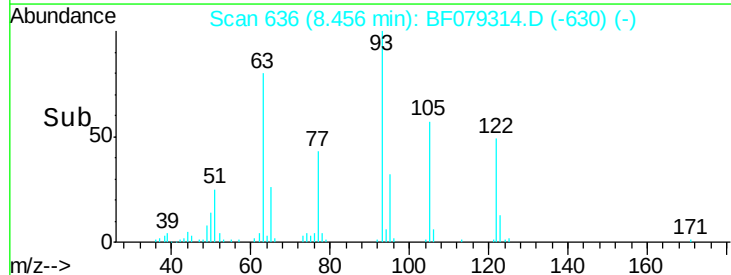
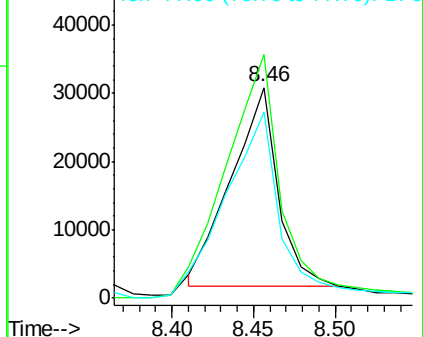


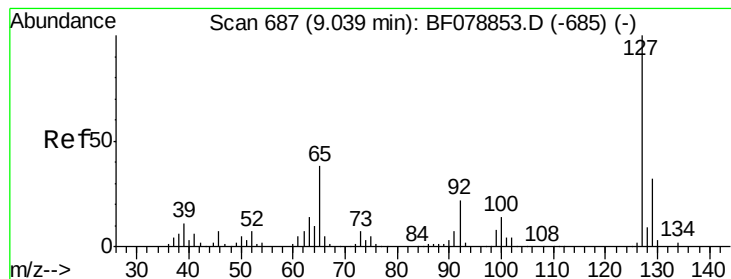
#32
Benzoic acid
Concen: 32.57 ng
RT: 8.46 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

Tgt Ion:122 Resp: 58159
Ion Ratio Lower Upper
122 100
105 115.5 100.7 140.7
77 88.0 72.0 112.0



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





#33

4-Chloroaniline

Concen: 21.86 ng

RT: 8.84 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

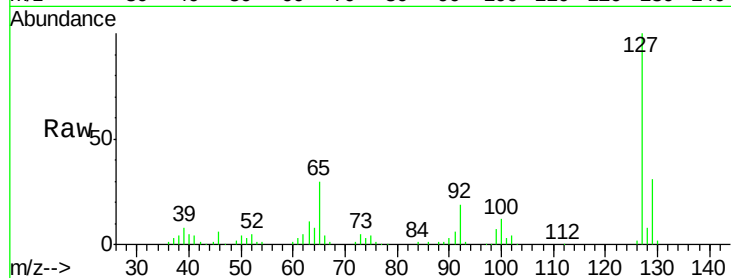
Instrument :

BNA_F

ClientSampleId :

PB83448BS

Tot Ion:	127	Resp:	94751
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.6	38.4
65	30.0	30.2	45.4#
92	18.5	17.5	26.3



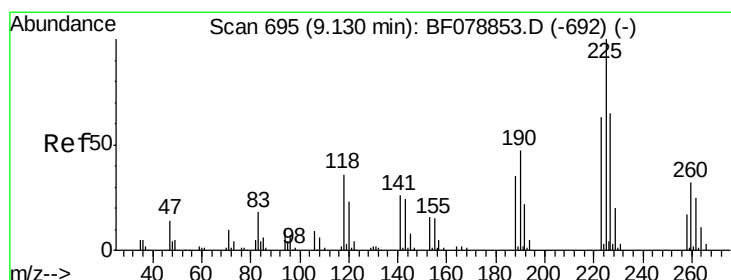
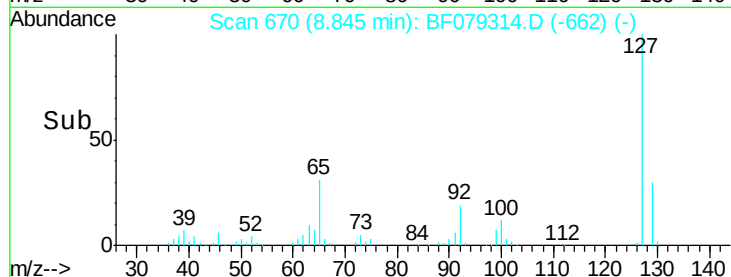
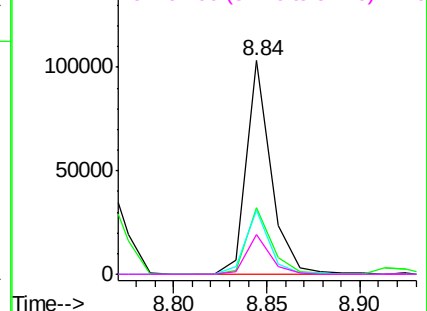
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 35.91 ng

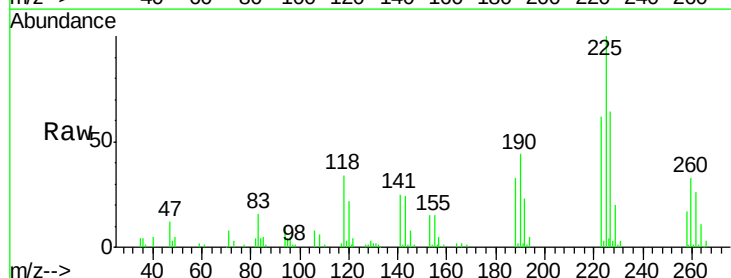
RT: 8.92 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Tgt Ion:	225	Resp:	62032
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	75.8
227	63.9	52.1	78.1

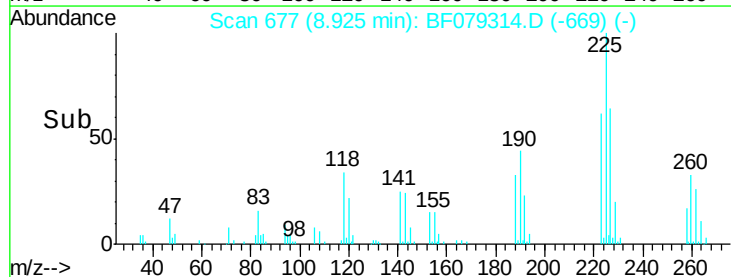
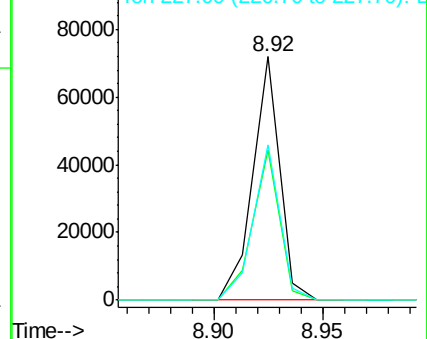


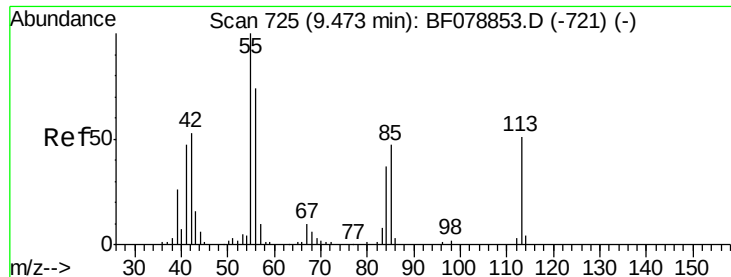
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.77 ng

RT: 9.27 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB83448BS

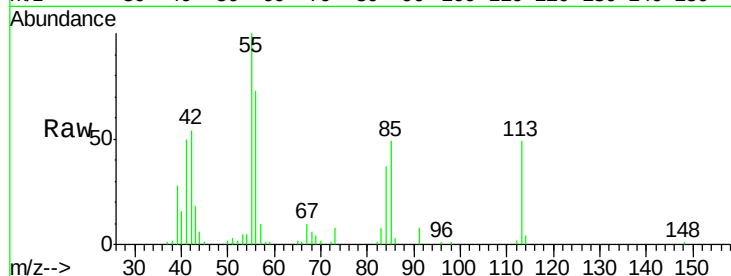
Tot Ion:113 Resp: 32469

Ion Ratio Lower Upper

113 100

55 203.2 176.0 216.0

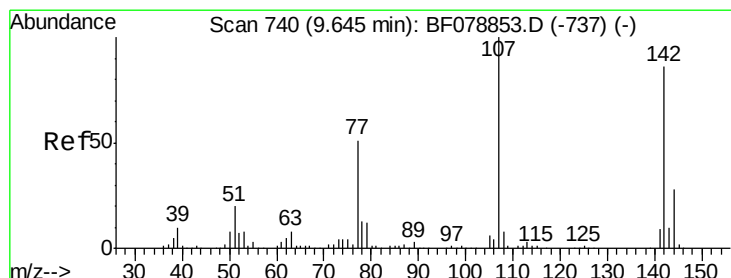
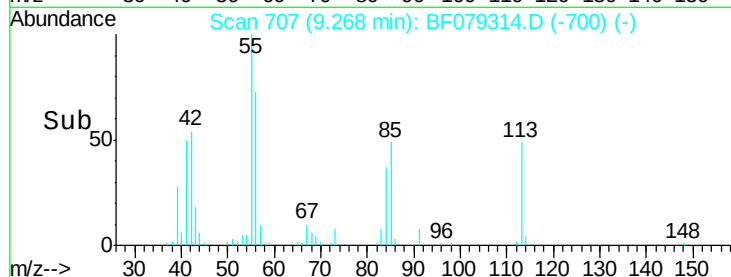
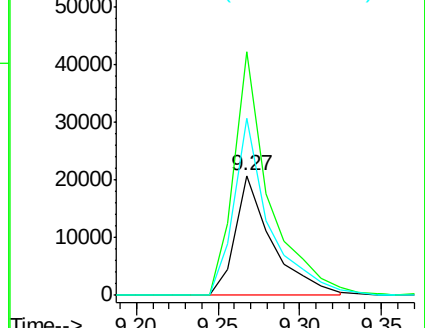
56 147.7 123.8 163.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.16 ng

RT: 9.46 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

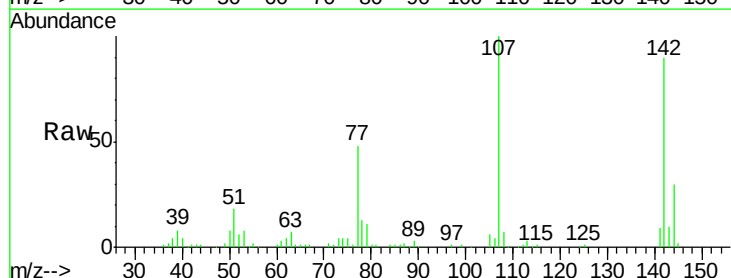
Tgt Ion:107 Resp: 112317

Ion Ratio Lower Upper

107 100

144 30.3 22.5 33.7

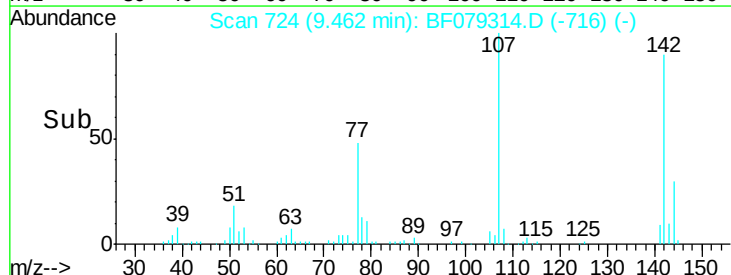
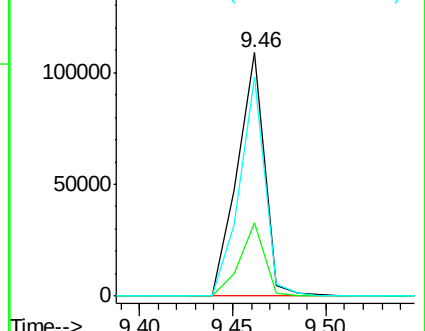
142 90.1 68.6 103.0

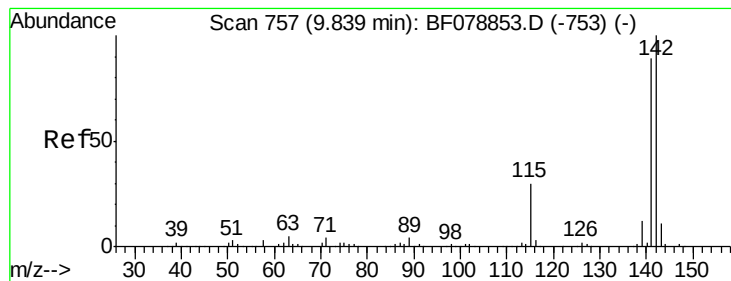


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.37 ng

RT: 9.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB83448BS

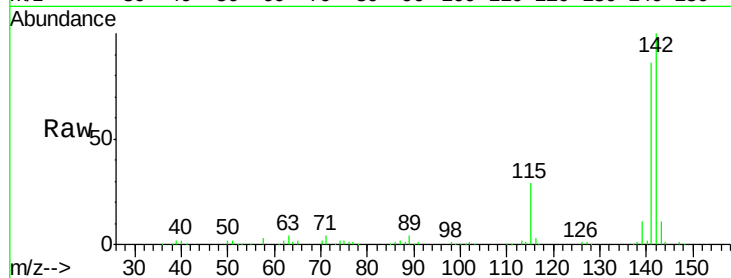
Tot Ion:142 Resp: 258181

Ion Ratio Lower Upper

142 100

141 86.5 71.6 107.4

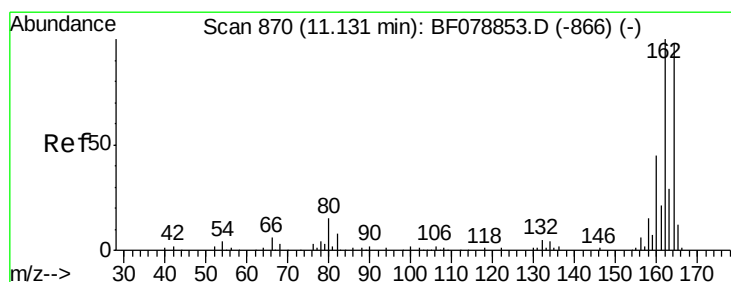
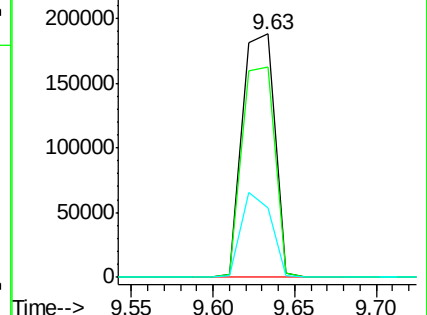
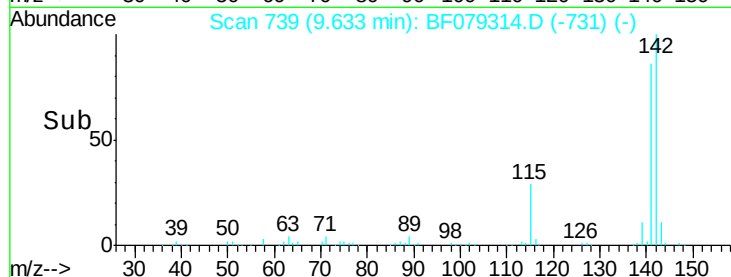
115 28.6 24.2 36.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.91 min Scan# 851

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

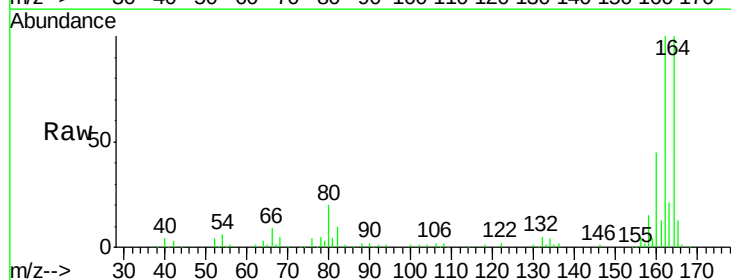
Tgt Ion:164 Resp: 104931

Ion Ratio Lower Upper

164 100

162 100.5 81.4 122.0

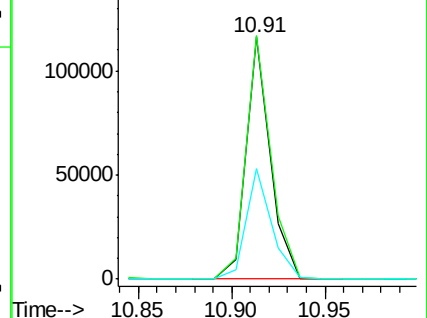
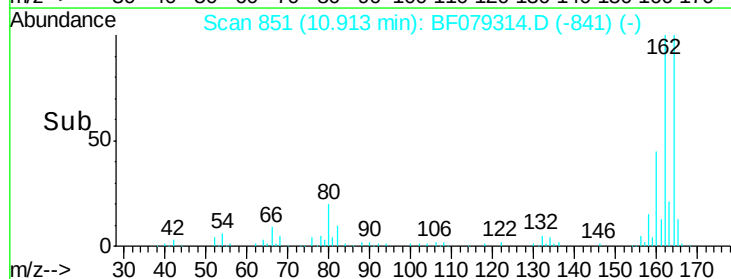
160 45.6 36.6 54.8

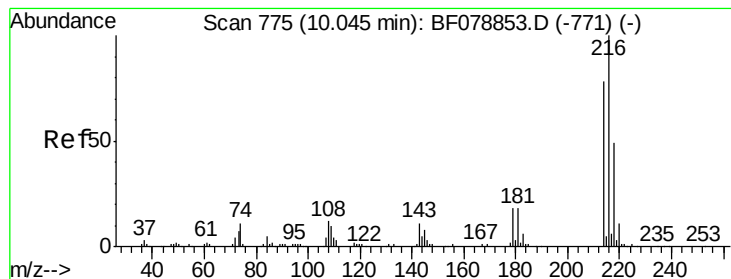


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.97 ng

RT: 9.84 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB83448BS

Tot Ion:216 Resp: 103339

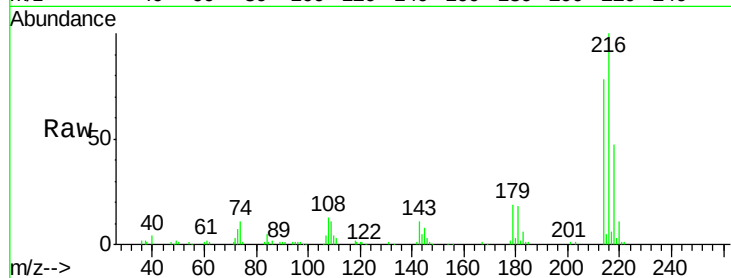
Ion Ratio Lower Upper

216 100

214 79.5 64.0 96.0

179 21.5 17.0 25.4

108 23.3 17.0 25.6

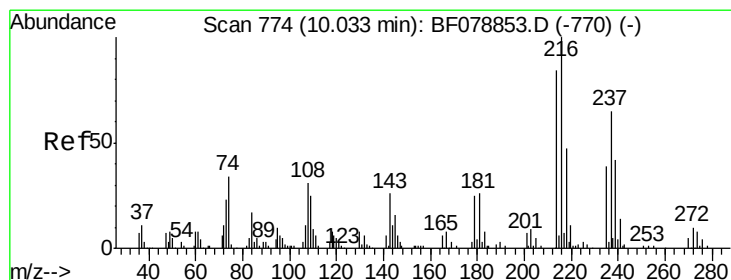
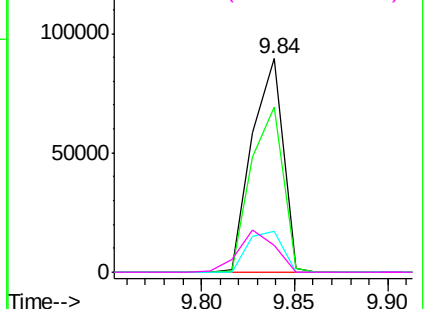
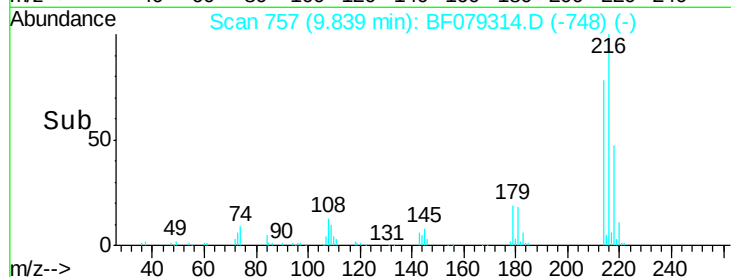


Abundance Ion 216.00 (215.70 to 216.70): E

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: 61.24 ng

RT: 9.82 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

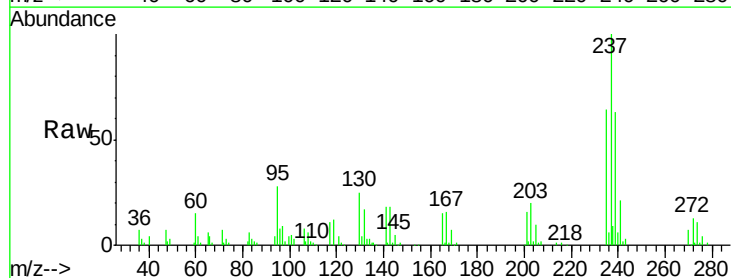
Tgt Ion:237 Resp: 91012

Ion Ratio Lower Upper

237 100

235 64.1 40.0 80.0

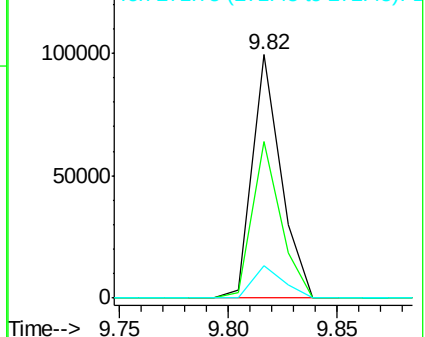
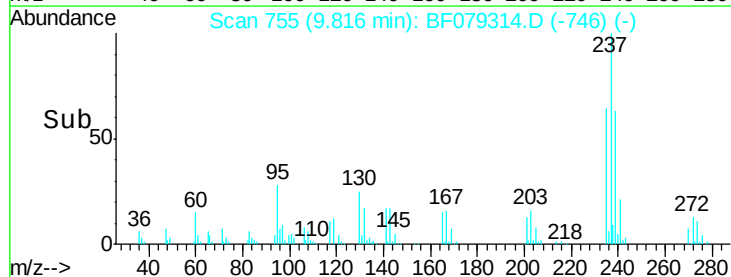
272 13.1 0.0 36.0

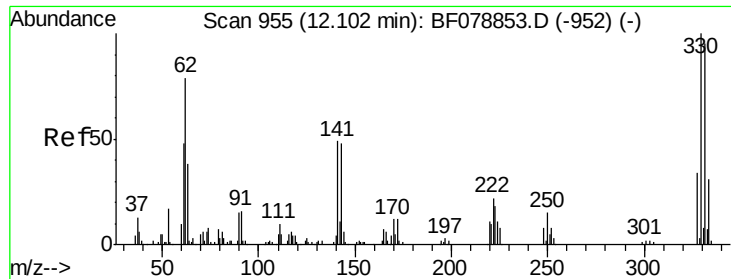


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

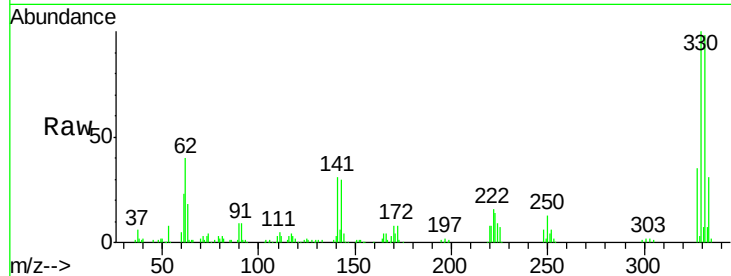




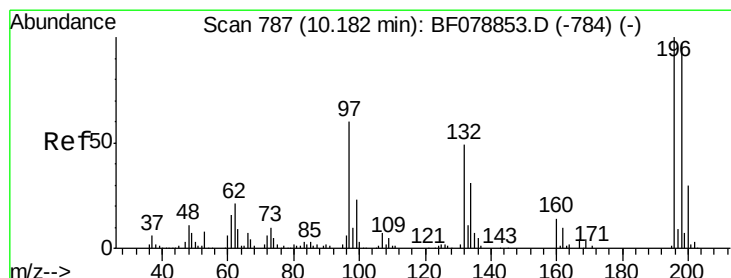
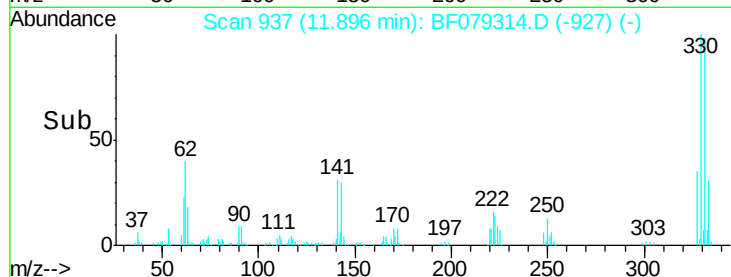
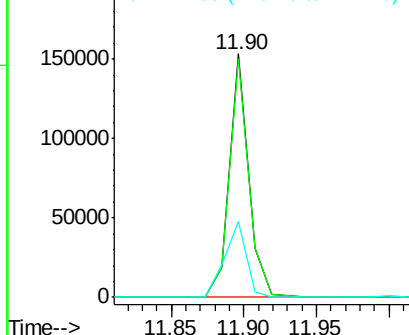
#41
 2,4,6-Tribromophenol
 Concen: 125.07 ng
 RT: 11.90 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB83448BS

Tot Ion:330 Resp: 141972
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.9 115.3
 141 35.1 27.8 41.8

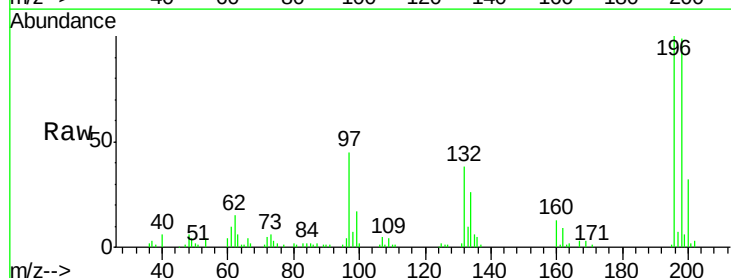


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

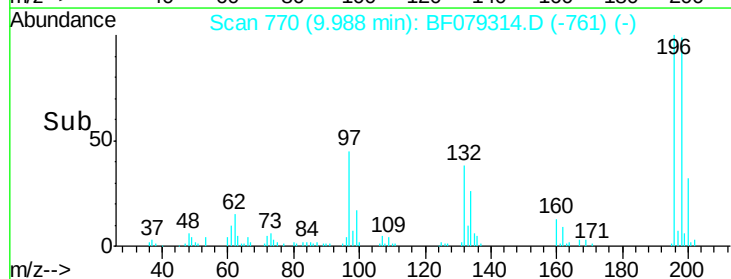
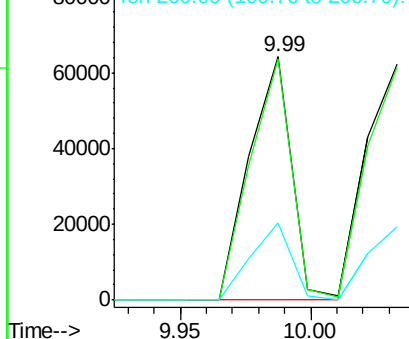


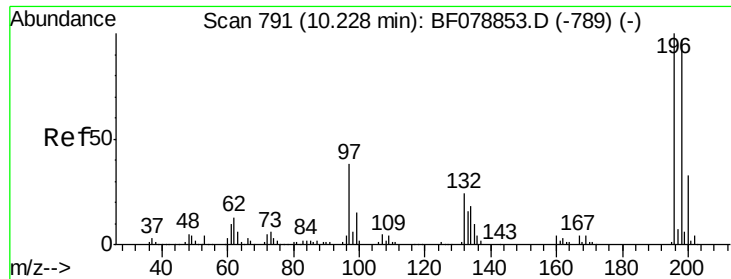
#42
 2,4,6-Trichlorophenol
 Concen: 35.83 ng
 RT: 9.99 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Tgt Ion:196 Resp: 72801
 Ion Ratio Lower Upper
 196 100
 198 99.0 77.4 116.2
 200 31.8 23.7 35.5



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

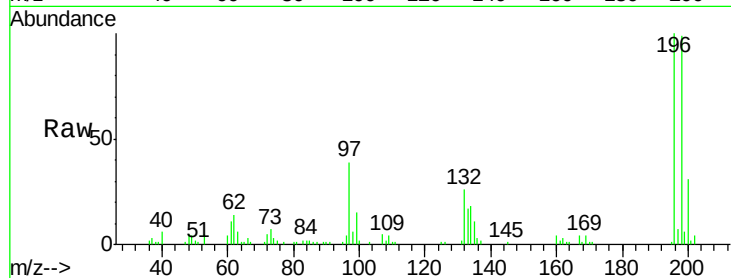




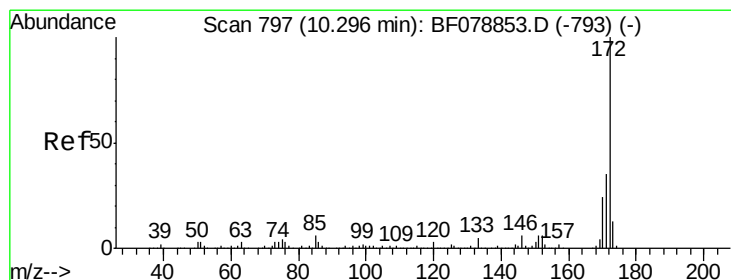
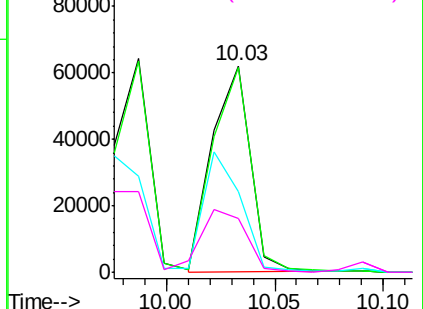
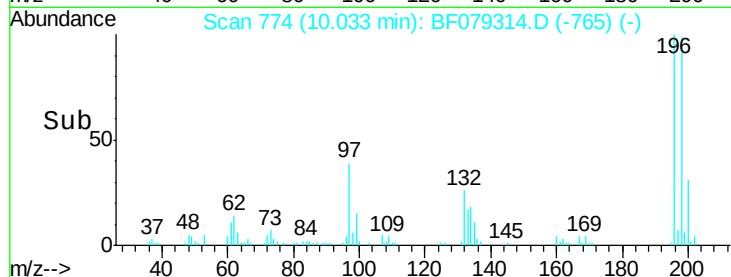
#43
 2,4,5-Trichlorophenol
 Concen: 36.78 ng
 RT: 10.03 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB83448BS

Tot Ion:196 Resp: 75554
 Ion Ratio Lower Upper
 196 100
 198 98.9 77.3 115.9
 97 38.9 31.3 46.9
 132 26.0 19.7 29.5

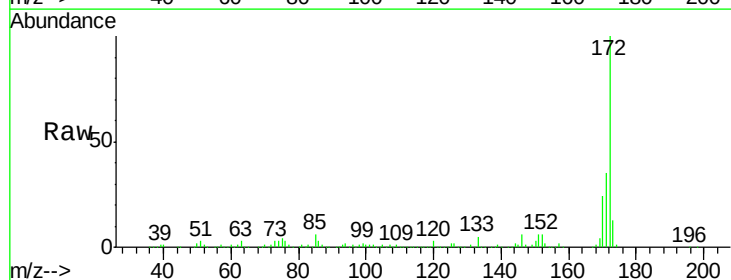


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

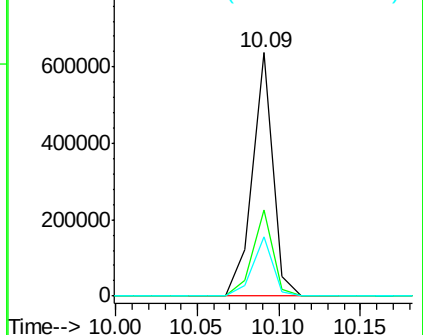
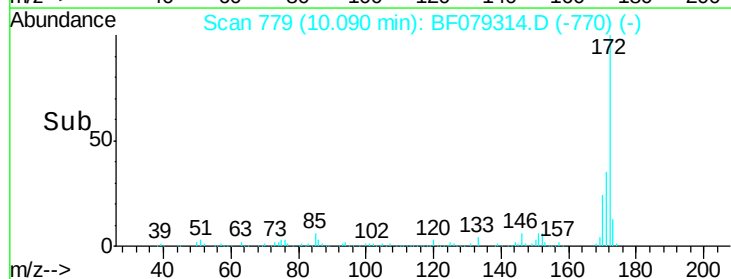


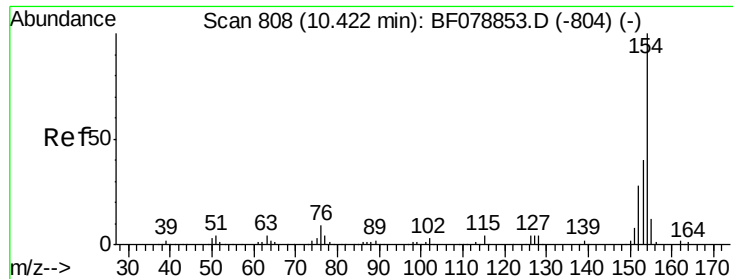
#44
 2-Fluorobiphenyl
 Concen: 73.99 ng
 RT: 10.09 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Tgt Ion:172 Resp: 557230
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.3 42.5
 170 24.4 19.4 29.2



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

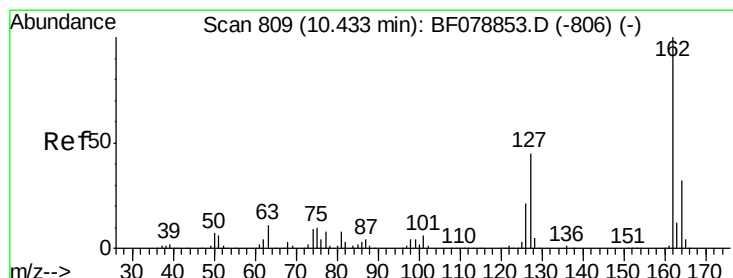
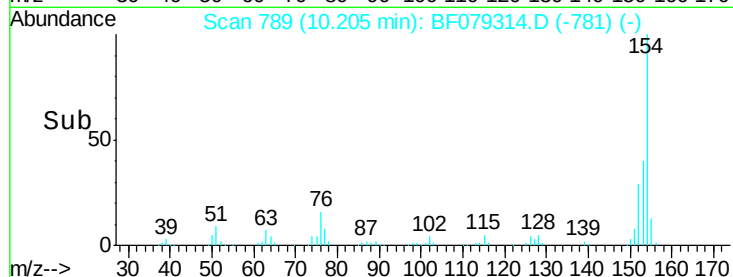
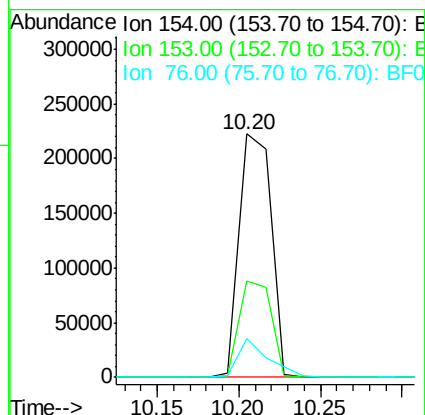
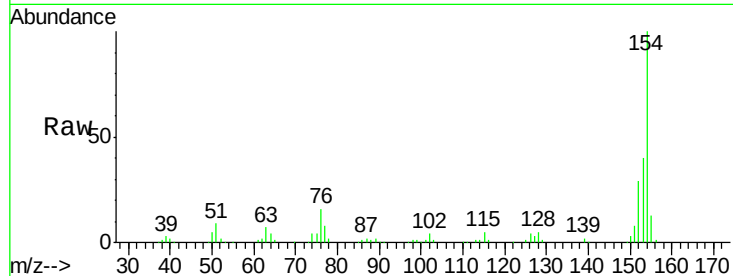




#45
 1,1'-Biphenyl
 Concen: 35.96 ng
 RT: 10.20 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

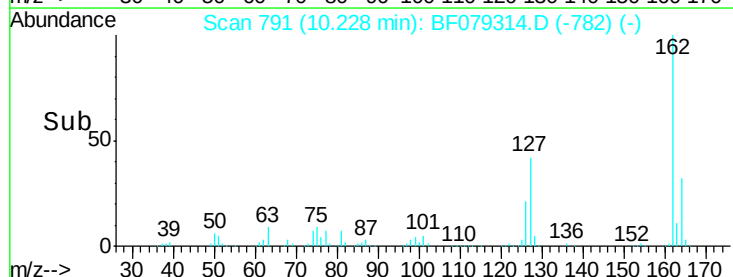
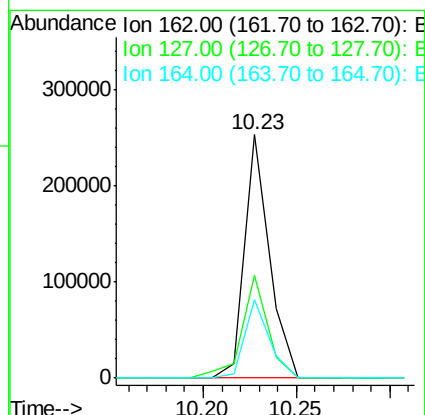
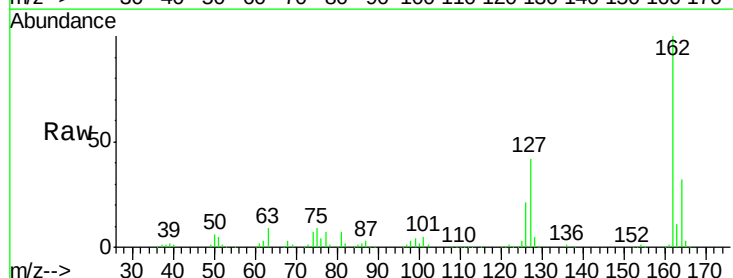
Instrument :
 BNA_F
 ClientSampleId :
 PB83448BS

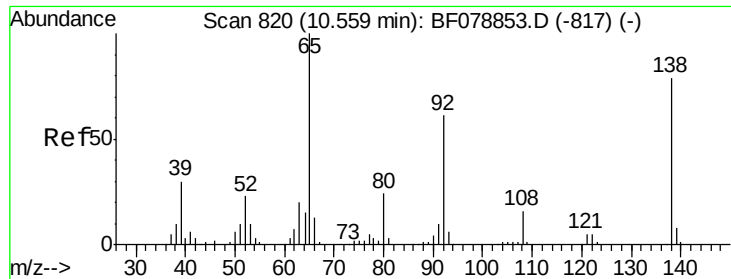
Tot Ion:154 Resp: 299993
 Ion Ratio Lower Upper
 154 100
 153 39.7 19.7 59.7
 76 15.8 0.0 29.1



#46
 2-Chloronaphthalene
 Concen: 35.97 ng
 RT: 10.23 min Scan# 791
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Tgt Ion:162 Resp: 234021
 Ion Ratio Lower Upper
 162 100
 127 42.0 36.3 54.5
 164 32.4 25.9 38.9

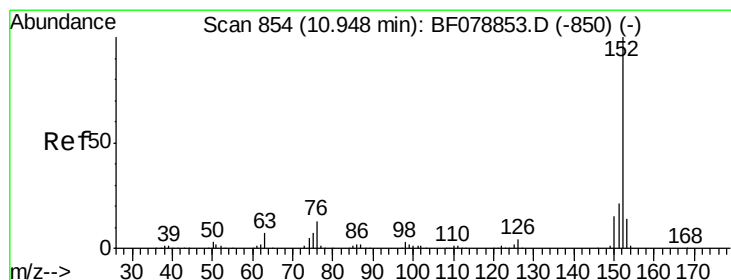
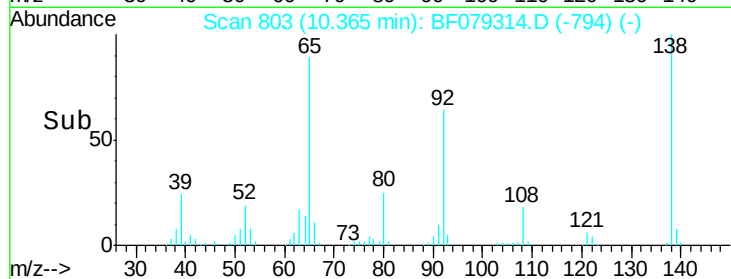
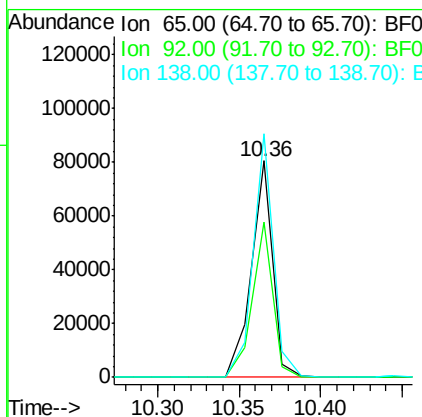
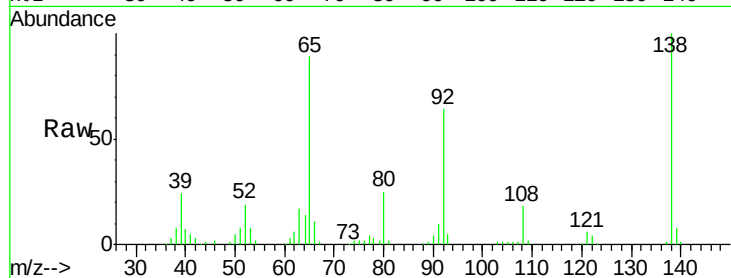




#47
2-Nitroaniline
Concen: 38.71 ng
RT: 10.36 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

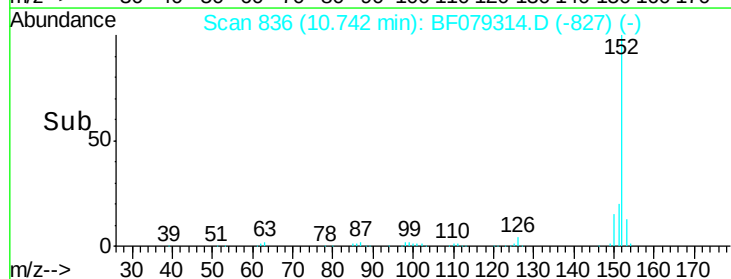
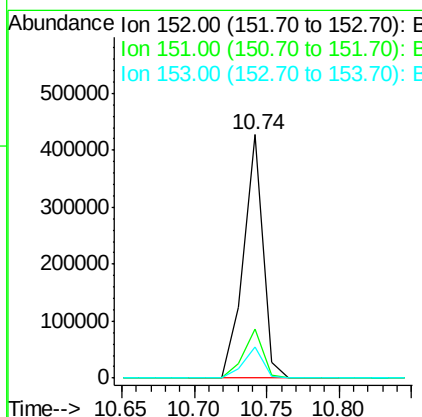
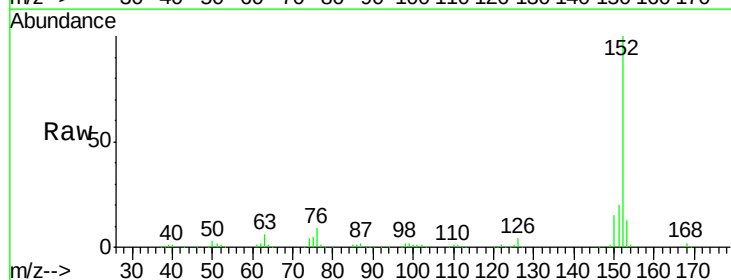
Instrument :
BNA_F
ClientSampleId :
PB83448BS

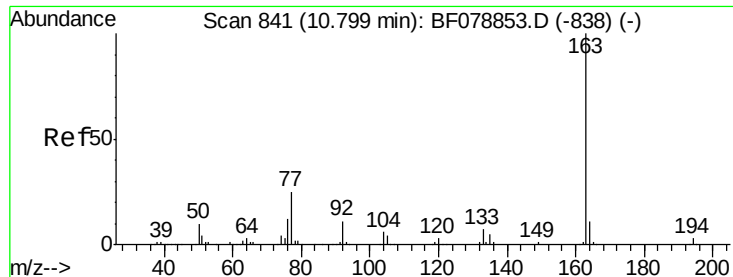
Tot Ion: 65 Resp: 72987
Ion Ratio Lower Upper
65 100
92 71.8 49.1 73.7
138 112.6 63.2 94.8#



#48
Acenaphthylene
Concen: 37.37 ng
RT: 10.74 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

Tgt Ion: 152 Resp: 399199
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8
153 13.0 11.0 16.6

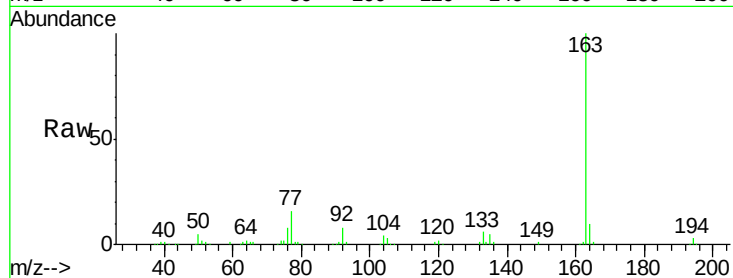




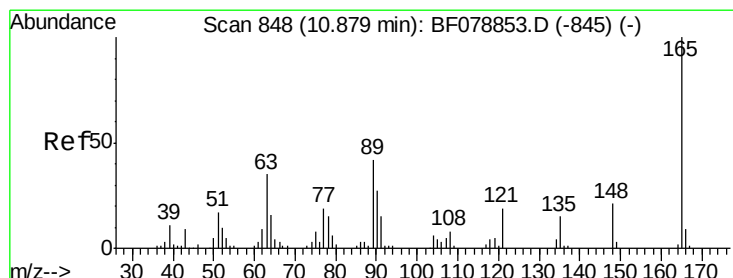
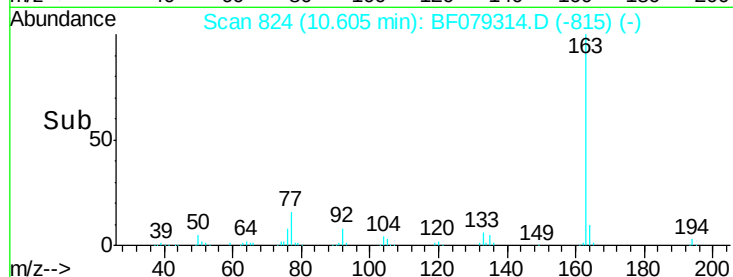
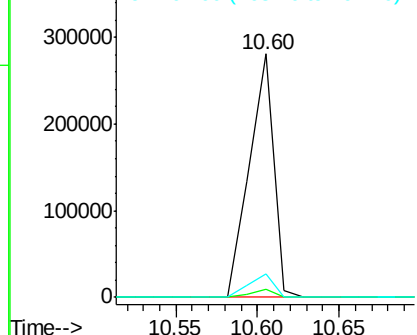
#49
Dimethylphthalate
Concen: 37.67 ng
RT: 10.60 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

Instrument :
BNA_F
ClientSampleId :
PB83448BS

Tot Ion:163 Resp: 290123
Ion Ratio Lower Upper
163 100
194 3.4 2.4 3.6
164 9.6 8.6 12.8

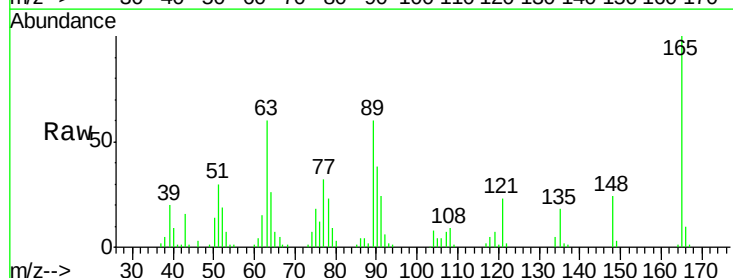


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

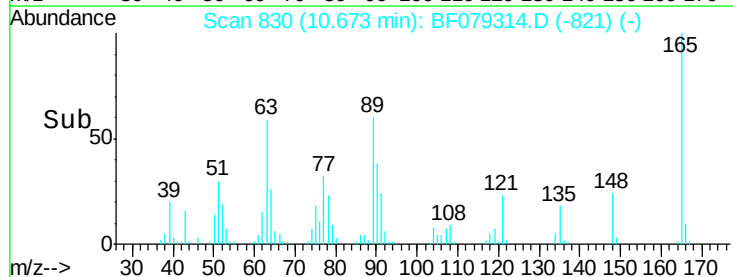
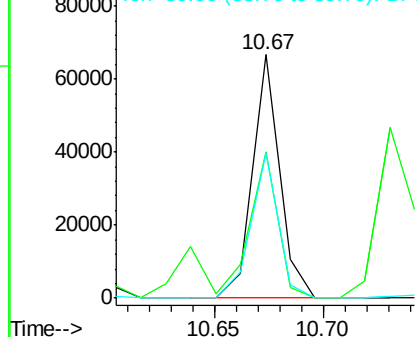


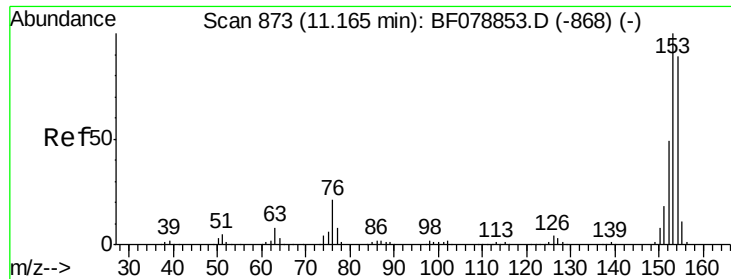
#50
2,6-Dinitrotoluene
Concen: 37.97 ng
RT: 10.67 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

Tgt Ion:165 Resp: 57701
Ion Ratio Lower Upper
165 100
63 59.8 29.2 43.8#
89 59.5 33.3 49.9#



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





#51

Acenaphthene

Concen: 35.91 ng

RT: 10.96 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB83448BS

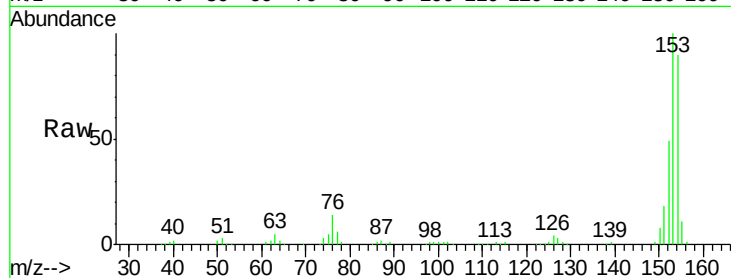
Tot Ion:154 Resp: 228798

Ion Ratio Lower Upper

154 100

153 111.0 90.2 135.2

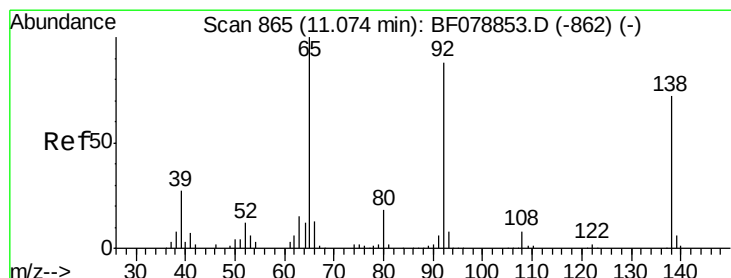
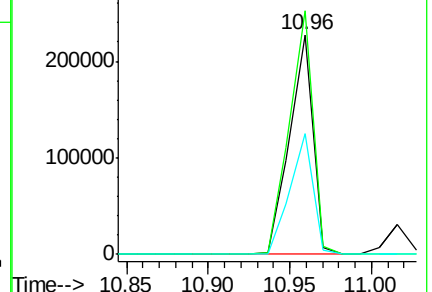
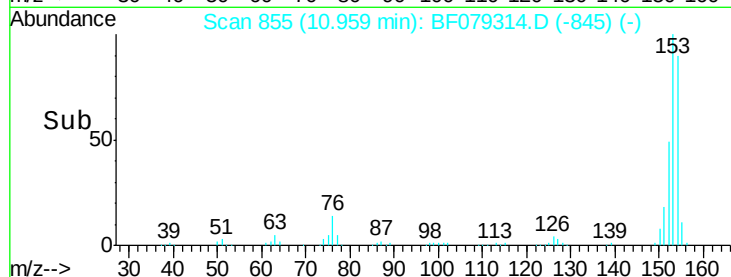
152 54.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.04 ng

RT: 10.88 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

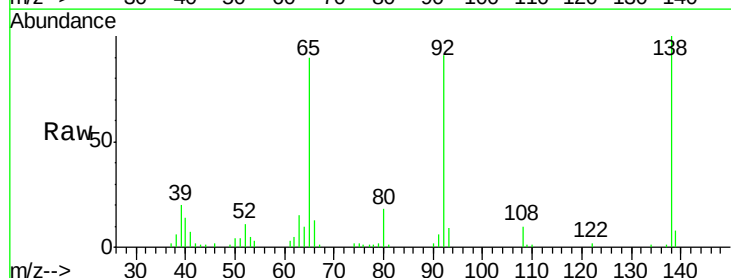
Tgt Ion:138 Resp: 49434

Ion Ratio Lower Upper

138 100

108 9.7 8.5 12.7

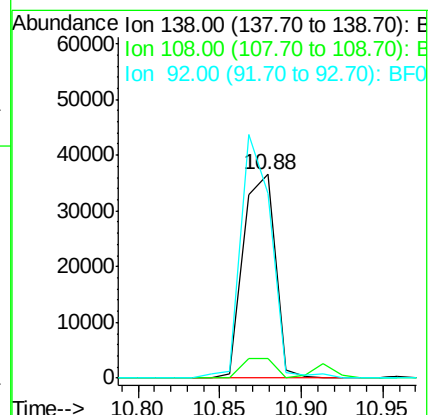
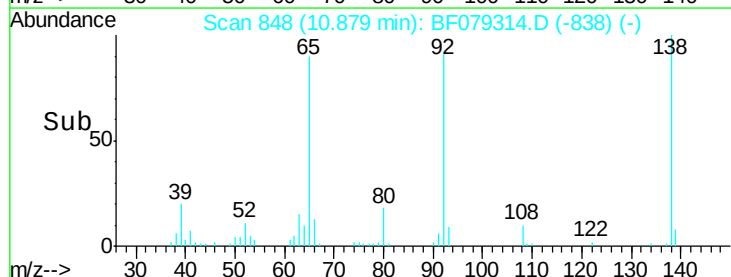
92 91.0 97.4 146.0#

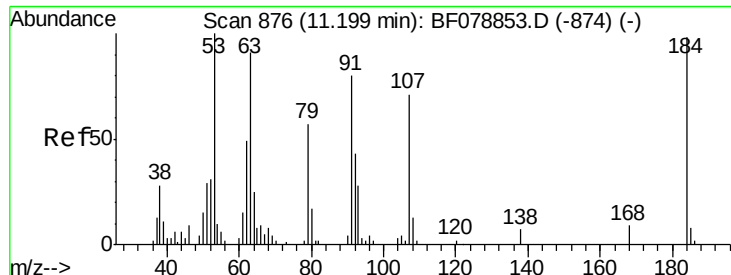


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

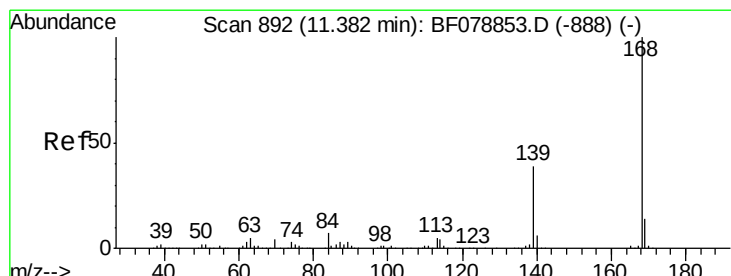
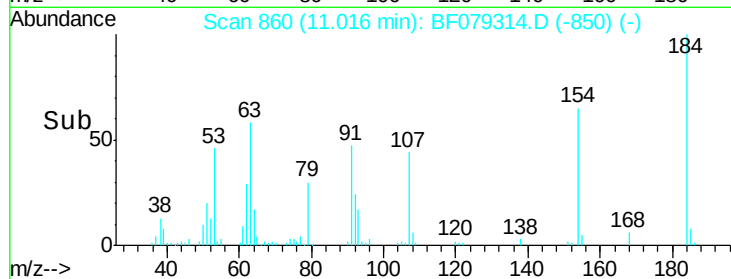
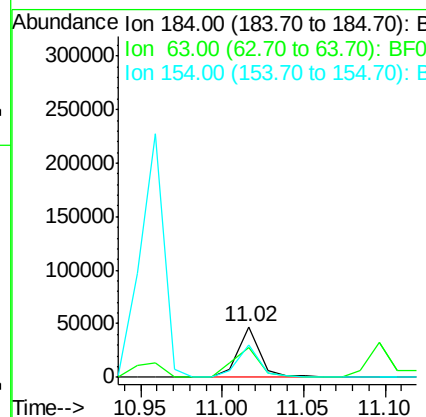
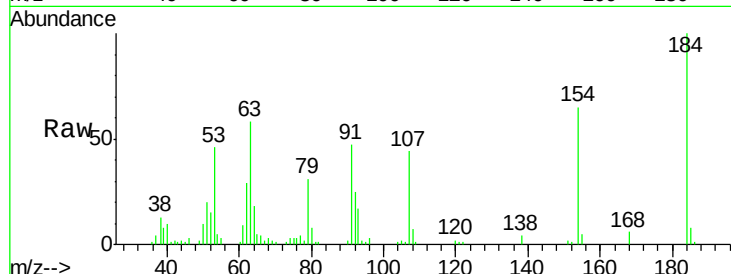




#53
 2,4-Dinitrophenol
 Concen: 73.96 ng
 RT: 11.02 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

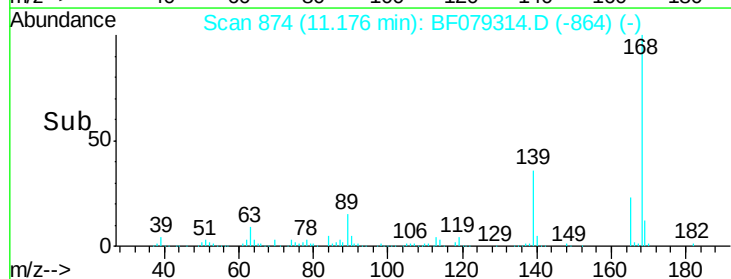
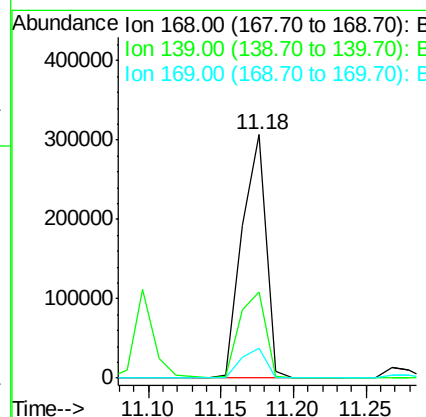
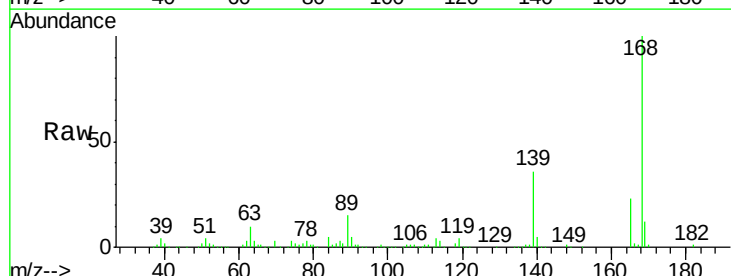
Instrument :
 BNA_F
 ClientSampleId :
 PB83448BS

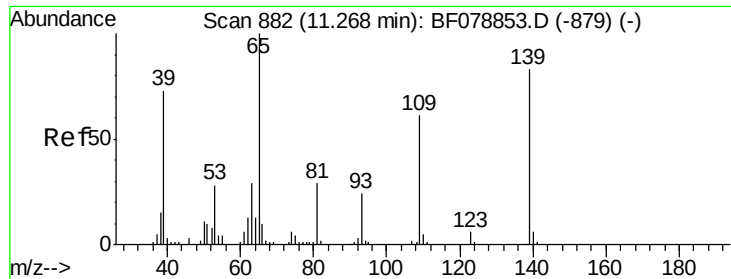
Tot Ion:184 Resp: 45225
 Ion Ratio Lower Upper
 184 100
 63 58.0 98.8 148.2#
 154 64.6 63.4 95.0



#54
 Dibenzofuran
 Concen: 38.09 ng
 RT: 11.18 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Tgt Ion:168 Resp: 350515
 Ion Ratio Lower Upper
 168 100
 139 35.7 31.5 47.3
 169 12.4 11.0 16.4

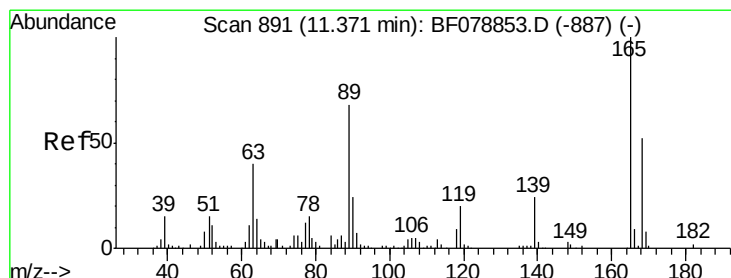
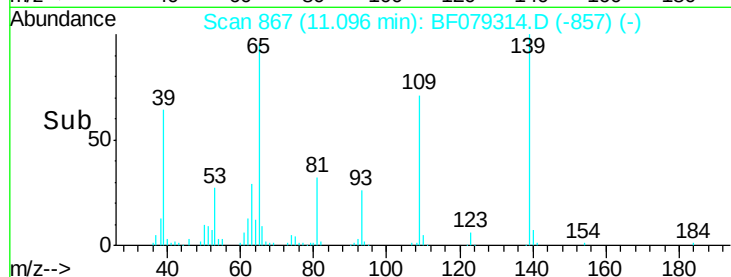
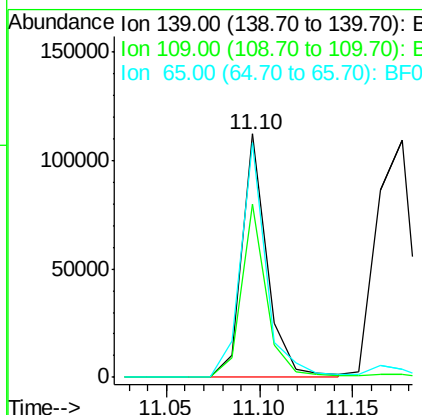
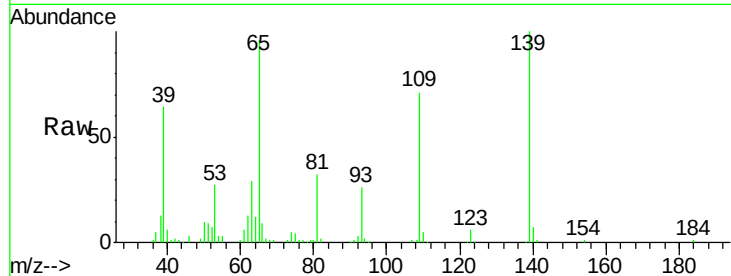




#55
4-Nitrophenol
Concen: 70.59 ng
RT: 11.10 min Scan# 867
Delta R.T. -0.00 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

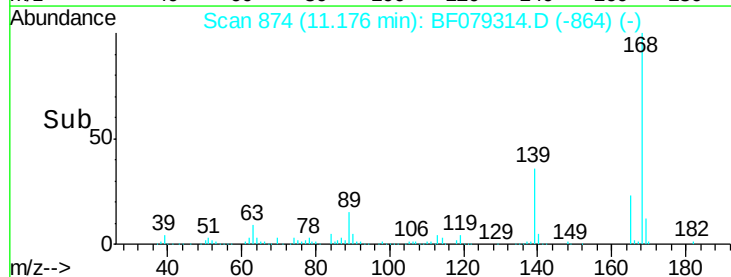
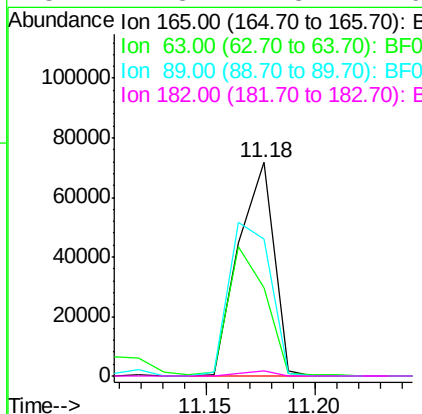
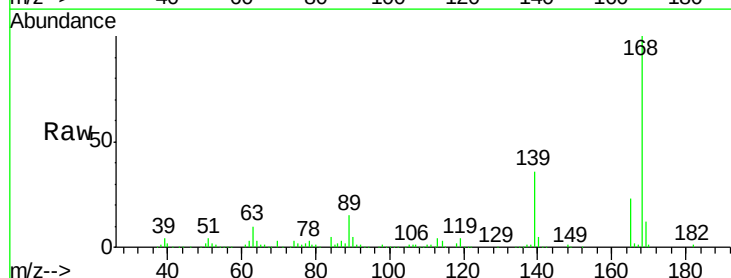
Instrument :
BNA_F
ClientSampled :
PB83448BS

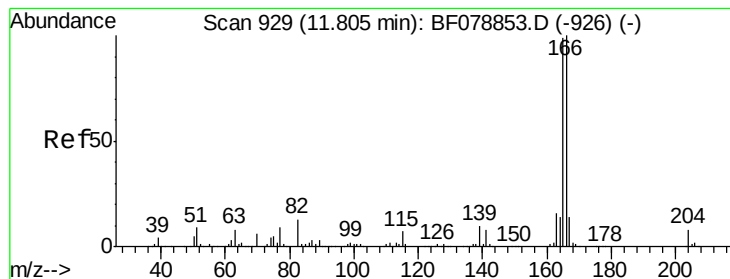
Tot Ion:139 Resp: 106075
Ion Ratio Lower Upper
139 100
109 71.2 54.4 94.4
65 96.3 101.0 141.0#



#56
2,4-Dinitrotoluene
Concen: 40.57 ng
RT: 11.18 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

Tgt Ion:165 Resp: 81514
Ion Ratio Lower Upper
165 100
63 41.5 32.3 48.5
89 64.2 54.6 81.8
182 2.3 1.8 2.6





#57

Fluorene

Concen: 38.14 ng

RT: 11.60 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB83448BS

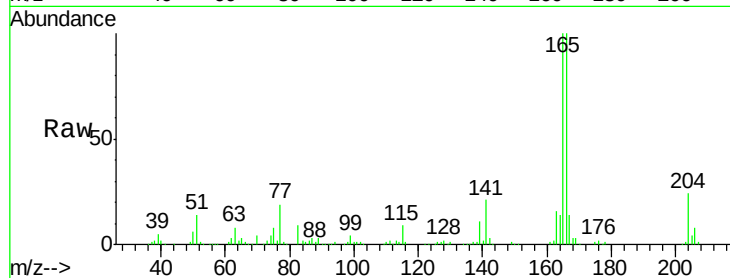
Tot Ion:166 Resp: 288058

Ion Ratio Lower Upper

166 100

165 99.7 79.5 119.3

167 13.6 11.0 16.6

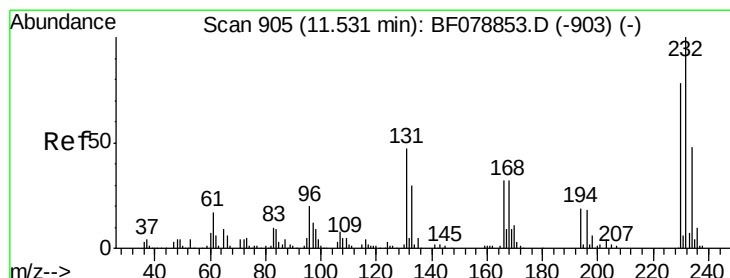
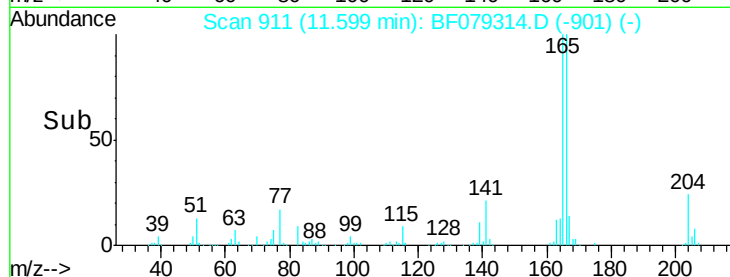
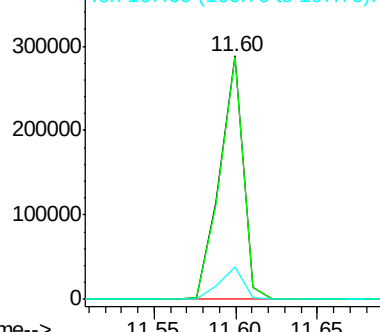


Abundance

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: 38.95 ng

RT: 11.32 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Tgt Ion:232 Resp: 65386

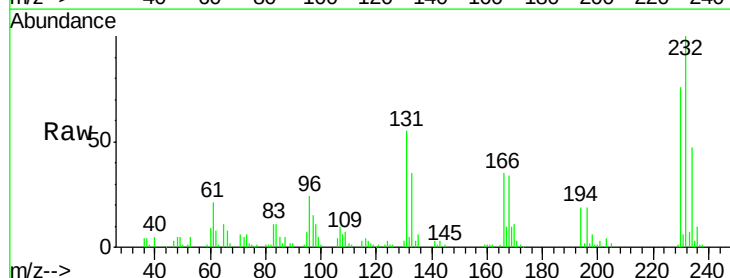
Ion Ratio Lower Upper

232 100

131 51.5 41.9 62.9

130 2.9 1.9 2.9#

166 33.2 27.0 40.6



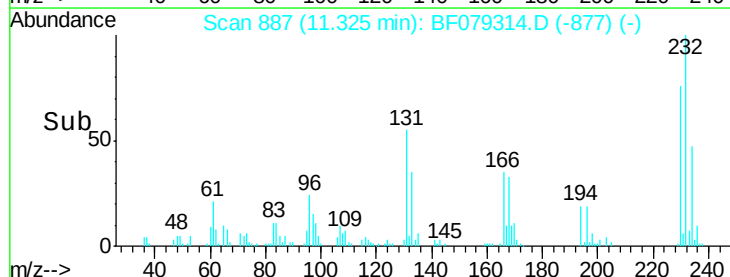
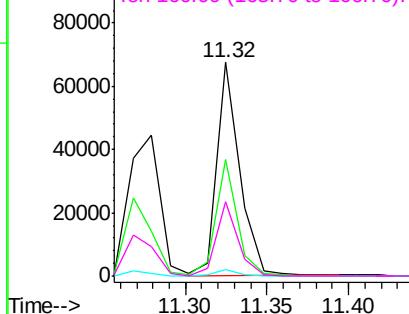
Abundance

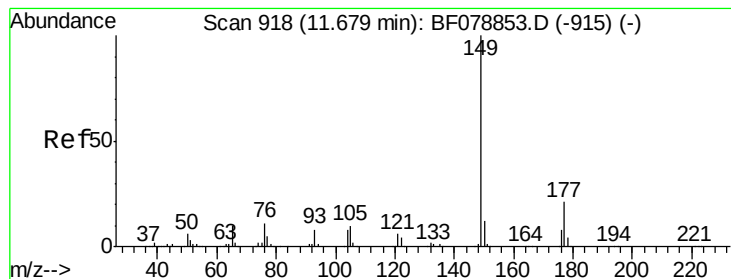
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.82 ng

RT: 11.47 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB83448BS

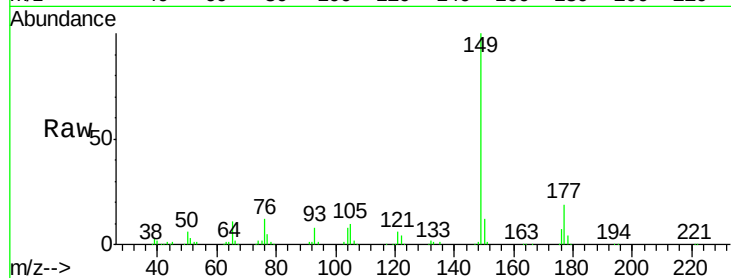
Tot Ion:149 Resp: 288544

Ion Ratio Lower Upper

149 100

177 18.8 16.4 24.6

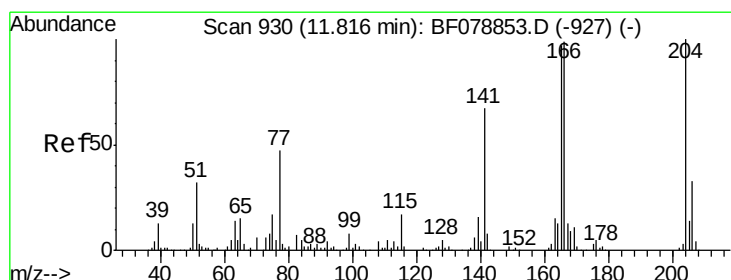
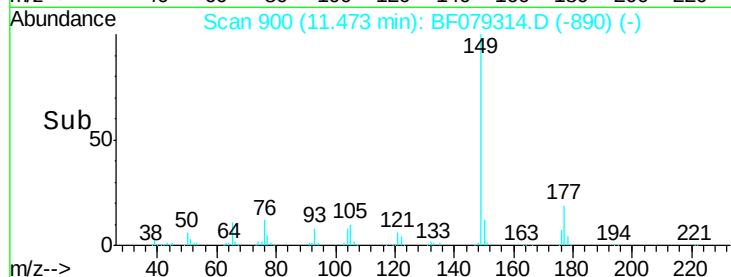
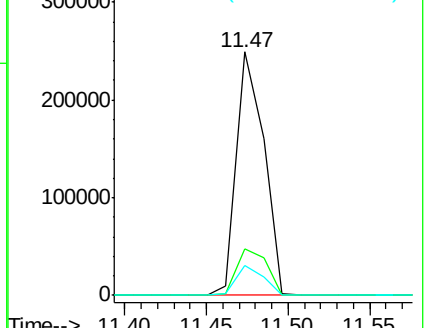
150 12.3 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.27 ng

RT: 11.61 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

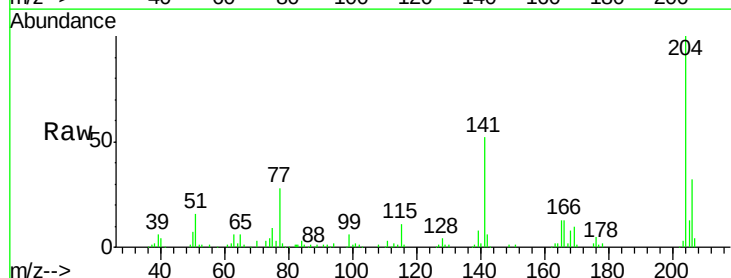
Tgt Ion:204 Resp: 124873

Ion Ratio Lower Upper

204 100

206 32.1 26.2 39.4

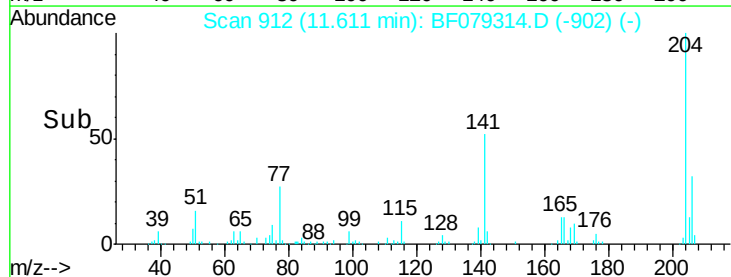
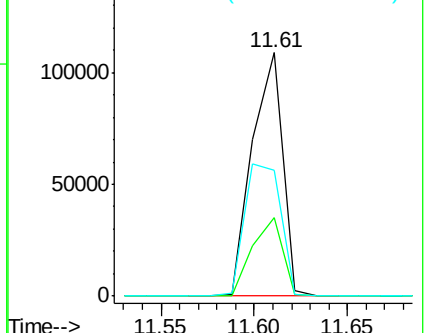
141 51.9 53.6 80.4#

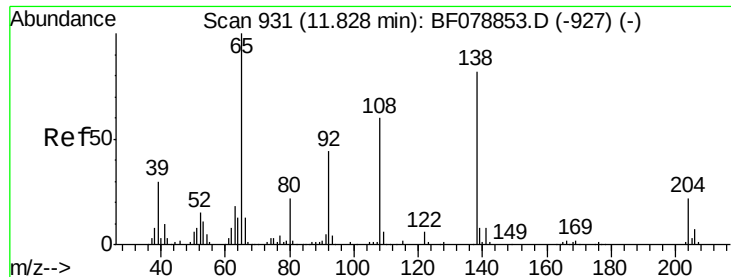


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

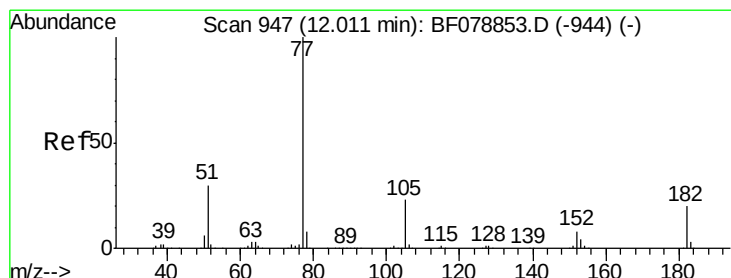
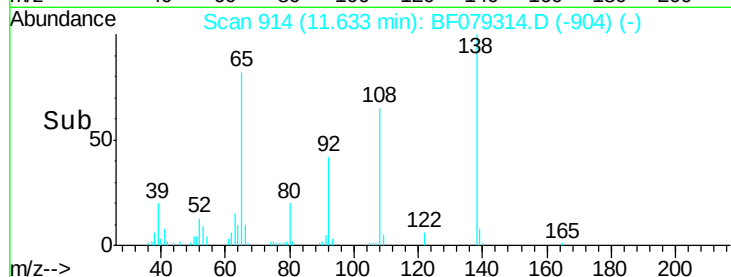
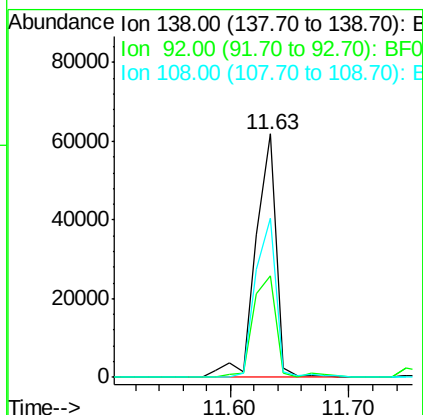
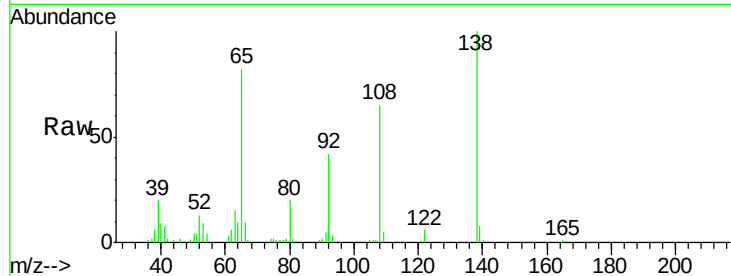




#61
4-Nitroaniline
Concen: 39.09 ng
RT: 11.63 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

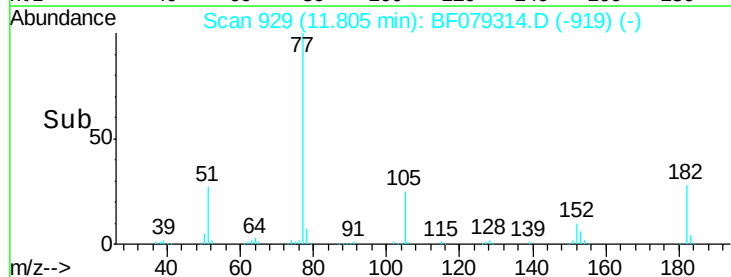
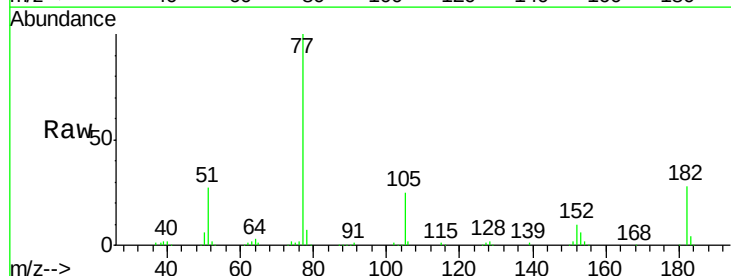
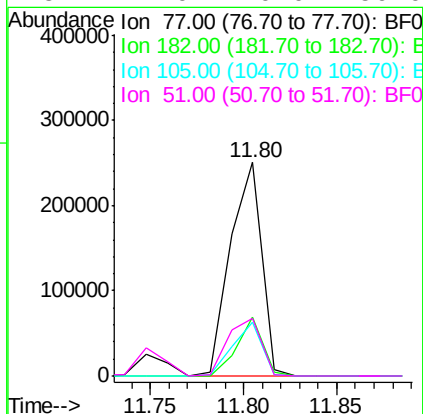
Instrument :
BNA_F
ClientSampleId :
PB83448BS

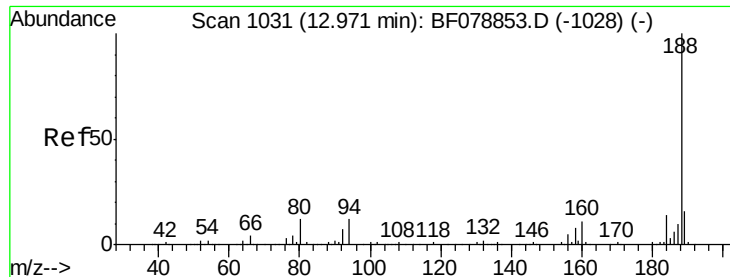
Tot Ion:138 Resp: 74249
Ion Ratio Lower Upper
138 100
92 41.6 33.7 73.7
108 65.3 53.4 93.4



#62
Azobenzene
Concen: 39.22 ng
RT: 11.80 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

Tgt Ion: 77 Resp: 294818
Ion Ratio Lower Upper
77 100
182 27.5 0.0 40.0
105 25.4 2.9 42.9
51 27.0 10.0 50.0

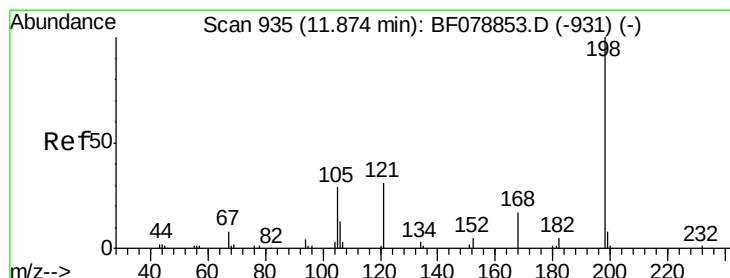
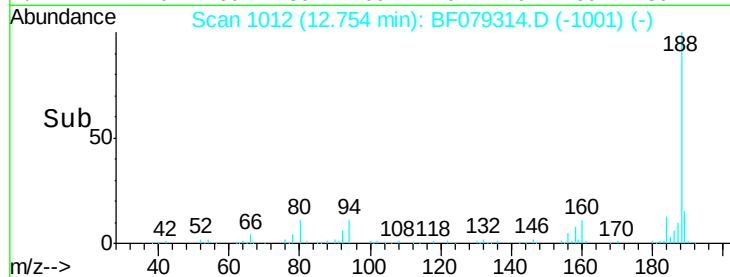
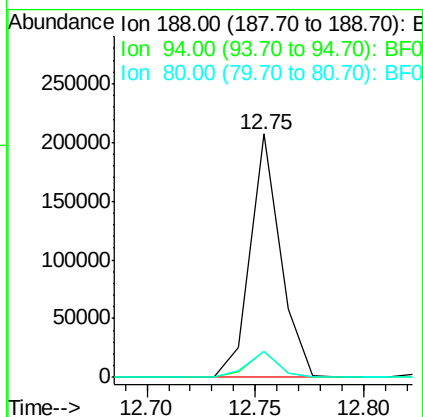
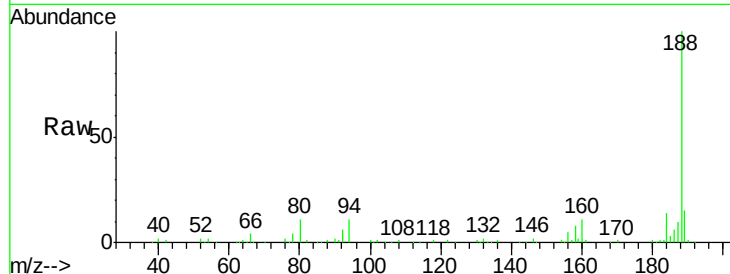




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

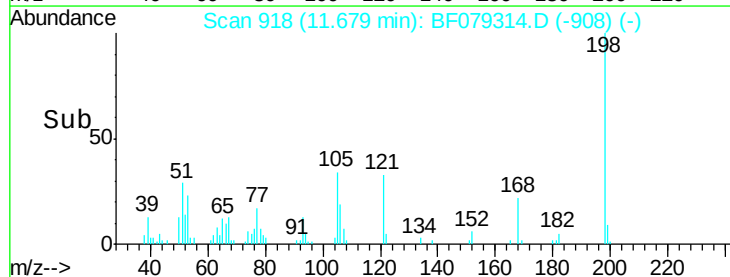
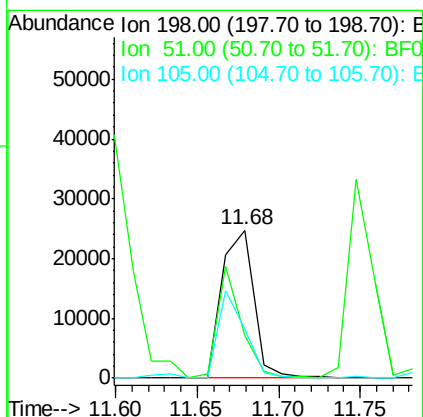
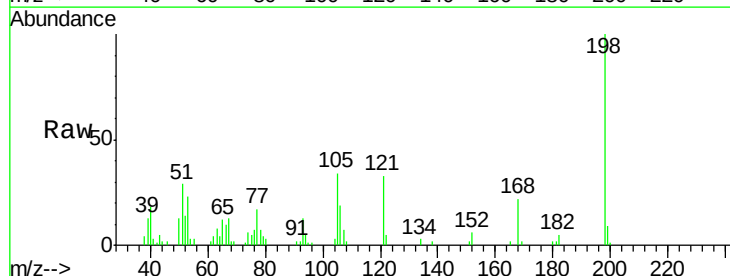
Instrument :
BNA_F
ClientSampled :
PB83448BS

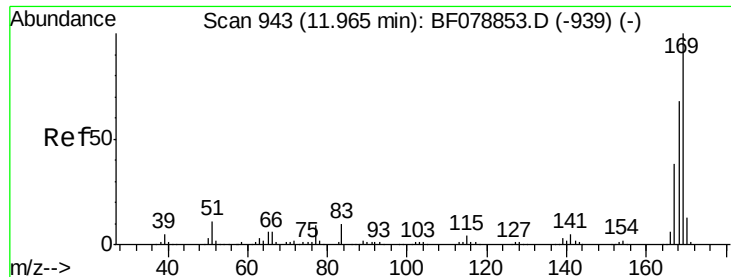
Tot Ion:188 Resp: 200310
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.0
80 10.9 9.8 14.6



#64
4,6-Dinitro-2-methylphenol
Concen: 42.14 ng
RT: 11.68 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

Tgt Ion:198 Resp: 33436
Ion Ratio Lower Upper
198 100
51 28.9 7.0 47.0
105 33.5 13.7 53.7

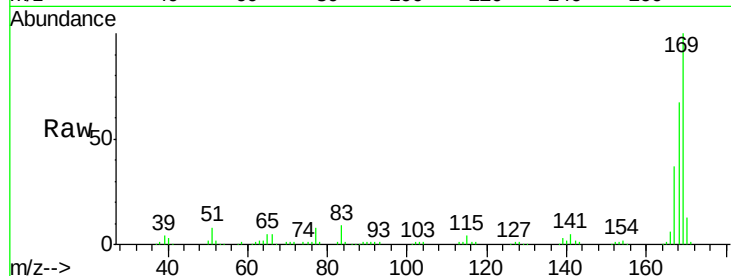




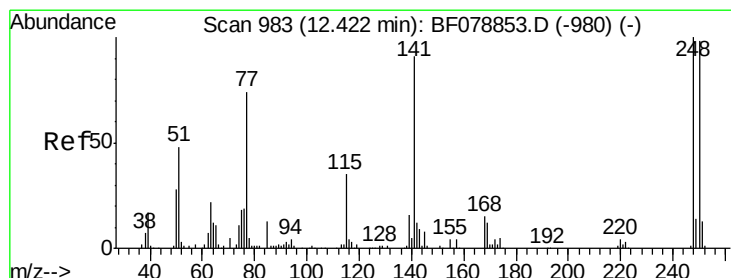
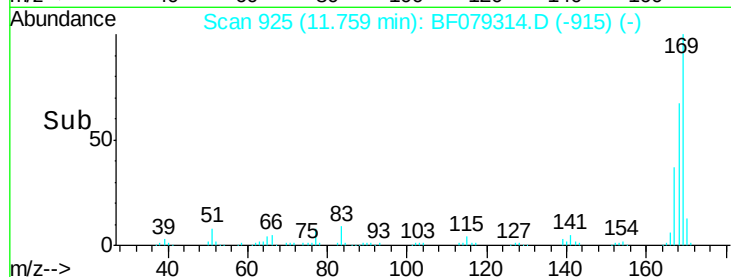
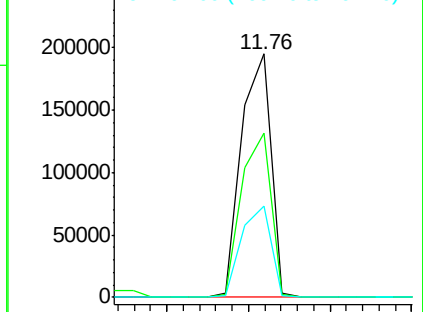
#65
 n-Nitrosodiphenylamine
 Concen: 36.65 ng
 RT: 11.76 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB83448BS

Tot Ion:169 Resp: 244467
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.1 81.1
 167 37.3 30.1 45.1

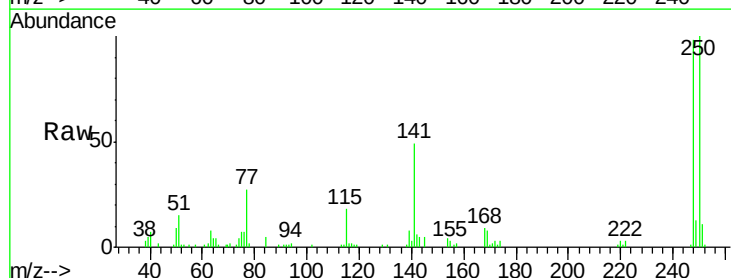


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

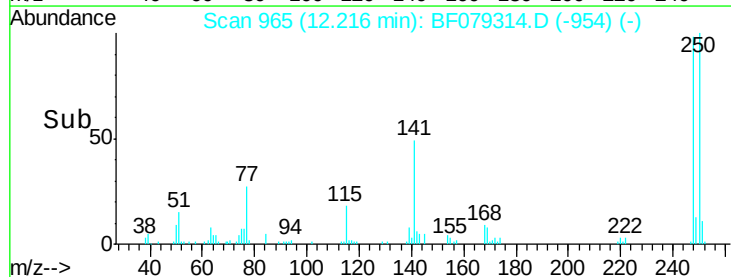
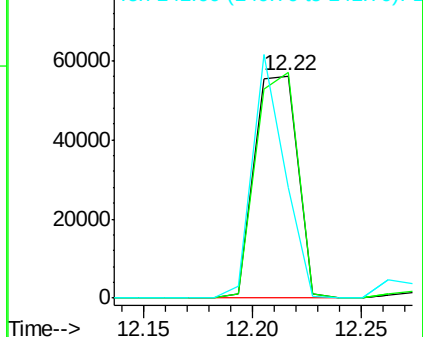


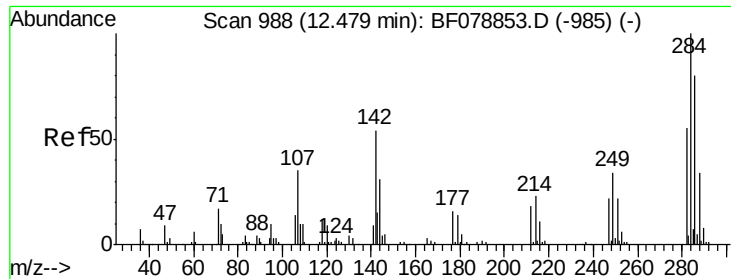
#66
 4-Bromophenyl-phenylether
 Concen: 37.42 ng
 RT: 12.22 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Tgt Ion:248 Resp: 78129
 Ion Ratio Lower Upper
 248 100
 250 101.6 78.0 117.0
 141 49.8 72.6 109.0#



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

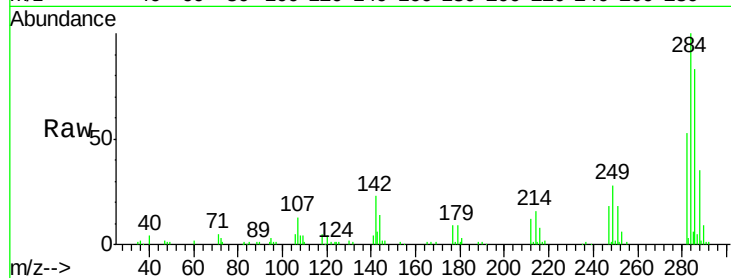




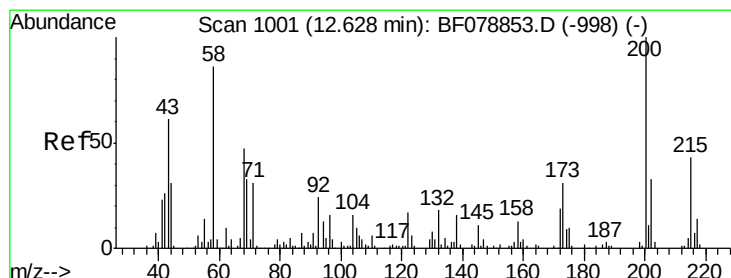
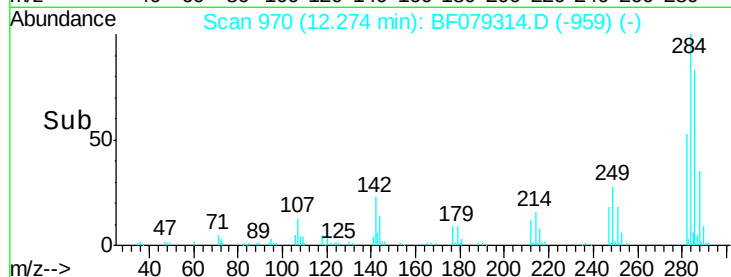
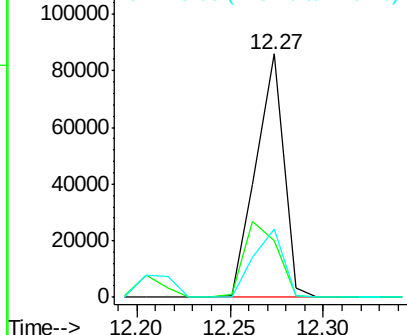
#67
Hexachlorobenzene
Concen: 37.28 ng
RT: 12.27 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

Instrument :
BNA_F
ClientSampleId :
PB83448BS

Tot Ion:284 Resp: 88976
Ion Ratio Lower Upper
284 100
142 23.3 43.2 64.8#
249 28.1 27.5 41.3

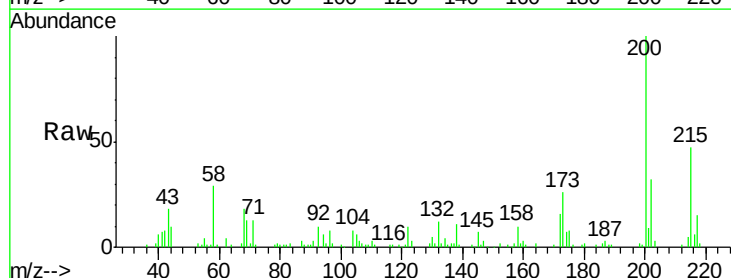


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

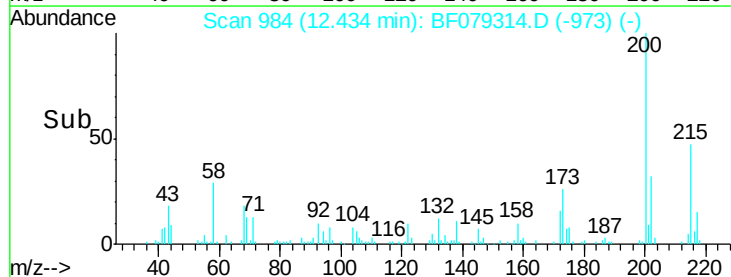
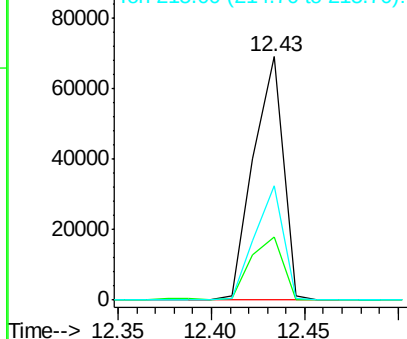


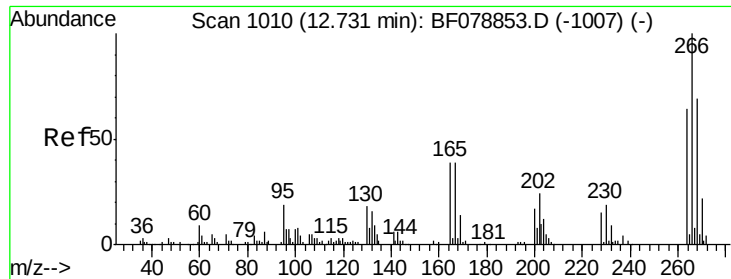
#68
Atrazine
Concen: 39.50 ng
RT: 12.43 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

Tgt Ion:200 Resp: 76620
Ion Ratio Lower Upper
200 100
173 25.7 10.9 50.9
215 46.8 23.2 63.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

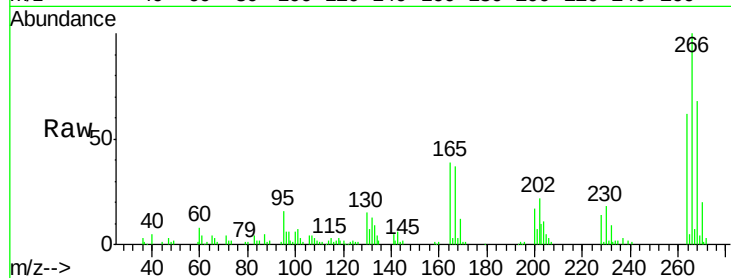




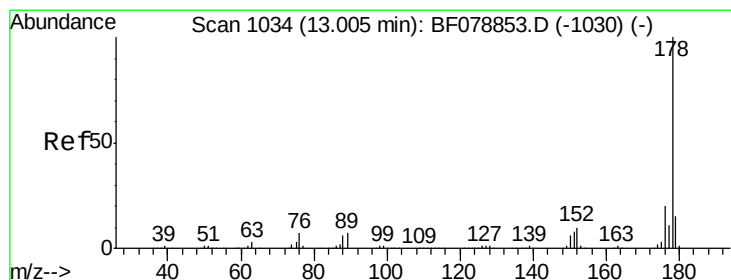
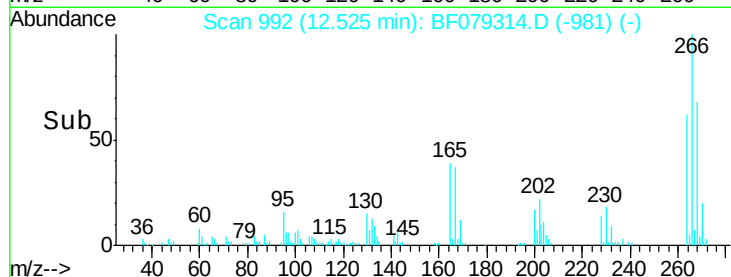
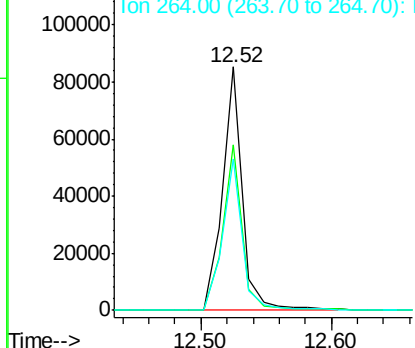
#69
 Pentachlorophenol
 Concen: 66.20 ng
 RT: 12.52 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB83448BS

Tot Ion:266 Resp: 90633
 Ion Ratio Lower Upper
 266 100
 268 67.8 55.0 82.6
 264 62.4 50.9 76.3

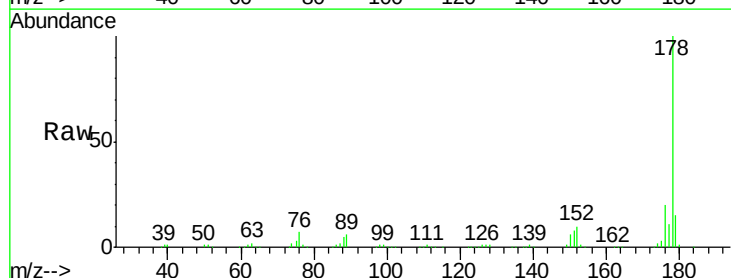


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

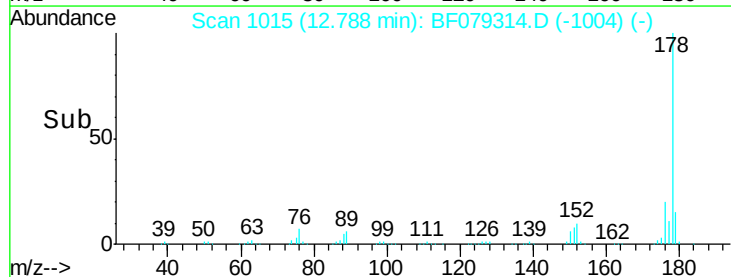
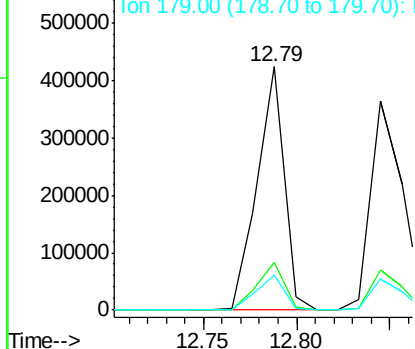


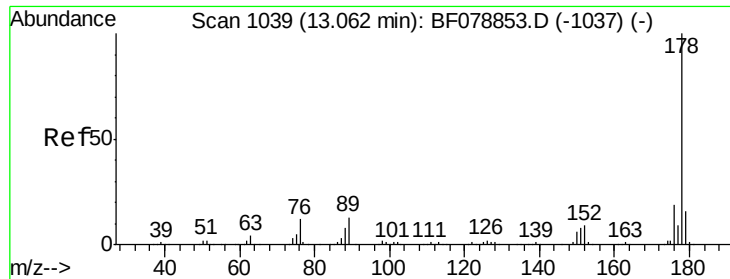
#70
 Phenanthrene
 Concen: 37.84 ng
 RT: 12.79 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Tgt Ion:178 Resp: 424087
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 14.6 12.2 18.4



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

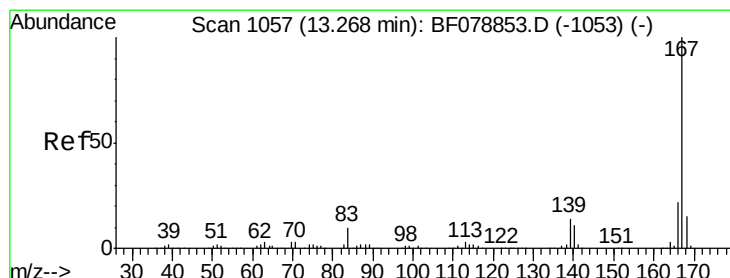
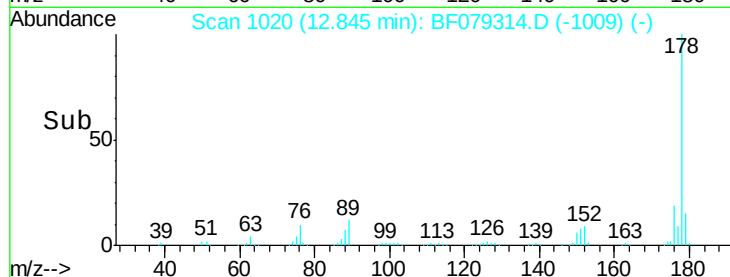
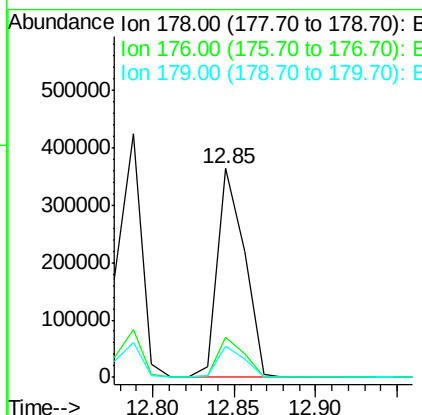
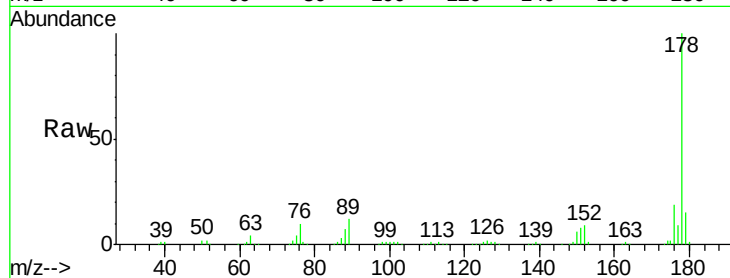




#71
 Anthracene
 Concen: 37.86 ng
 RT: 12.85 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

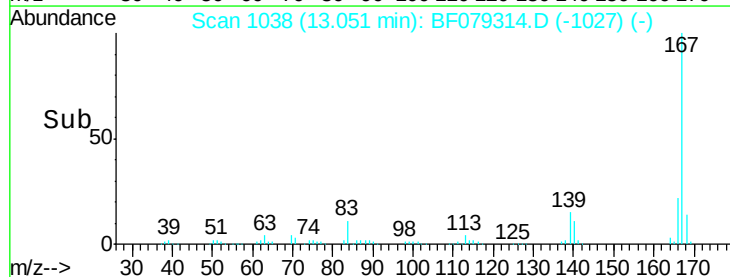
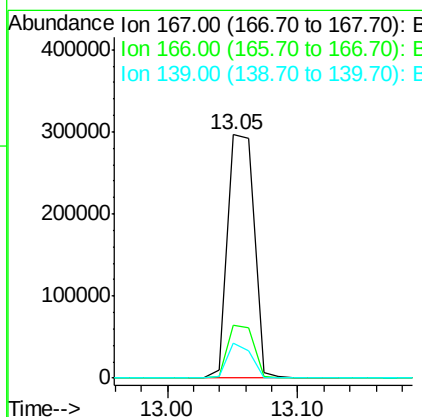
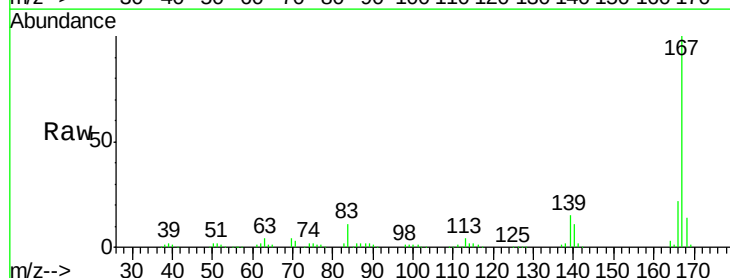
Instrument :
 BNA_F
 ClientSampled :
 PB83448BS

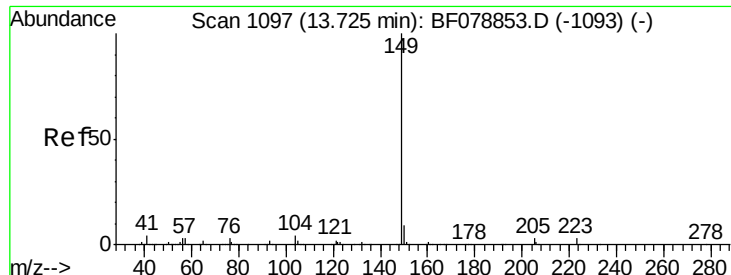
Tot Ion:178 Resp: 416199
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.3 22.9
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 39.87 ng
 RT: 13.05 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Tgt Ion:167 Resp: 417765
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.5 26.3
 139 14.6 11.0 16.4





#73

Di-n-butylphthalate

Concen: 39.57 ng

RT: 13.51 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB83448BS

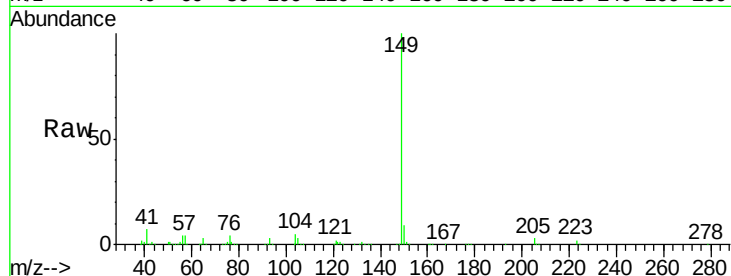
Tot Ion:149 Resp: 497276

Ion Ratio Lower Upper

149 100

150 9.4 7.0 10.4

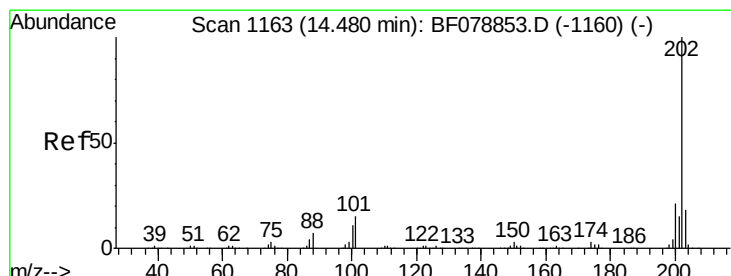
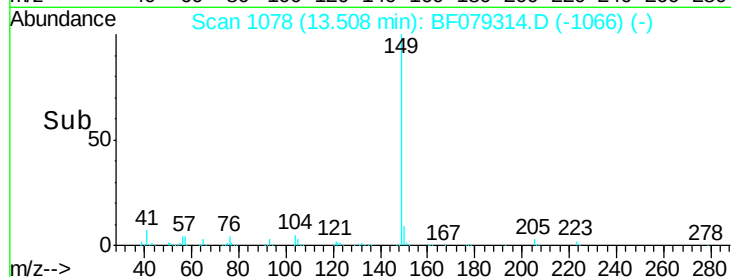
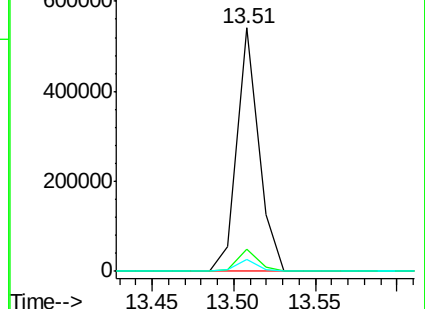
104 4.8 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.64 ng

RT: 14.26 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

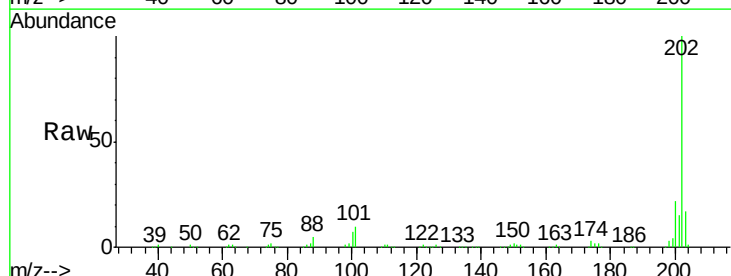
Tgt Ion:202 Resp: 462911

Ion Ratio Lower Upper

202 100

101 10.1 0.0 34.7

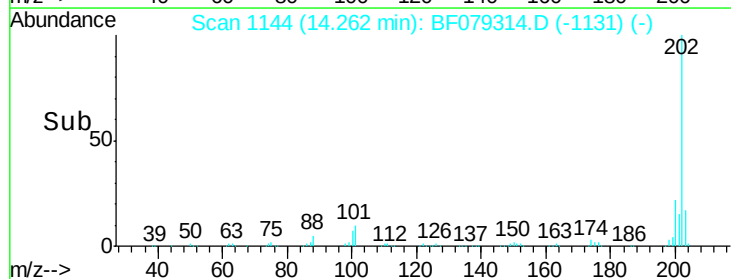
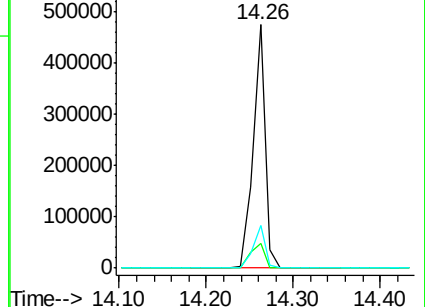
203 17.5 0.0 37.9

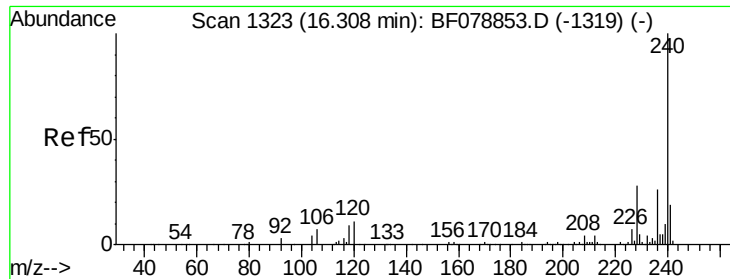


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.06 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB83448BS

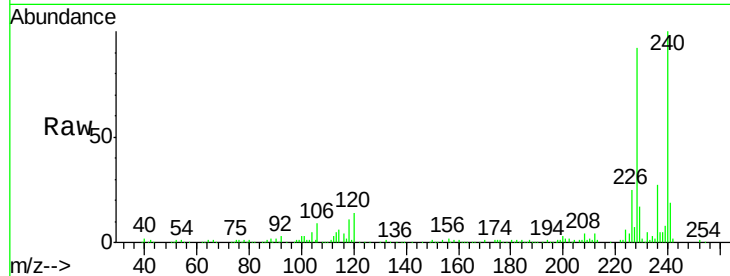
Tot Ion:240 Resp: 213753

Ion Ratio Lower Upper

240 100

120 13.8 8.6 12.8#

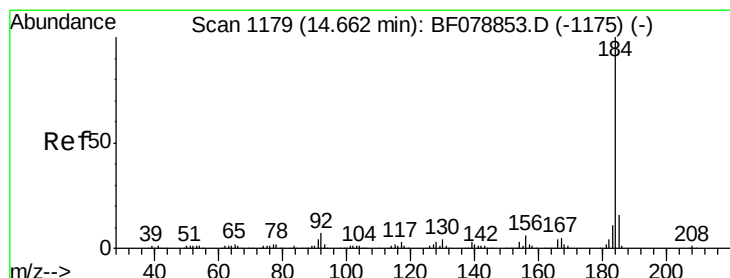
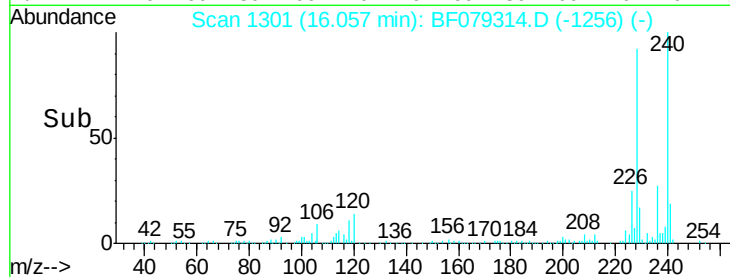
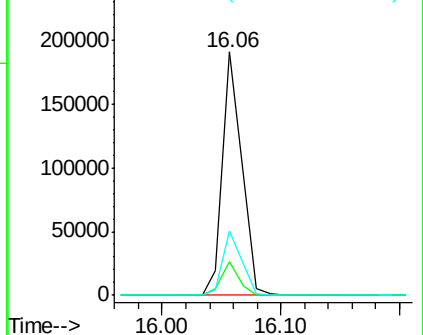
236 26.5 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 36.53 ng

RT: 14.45 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

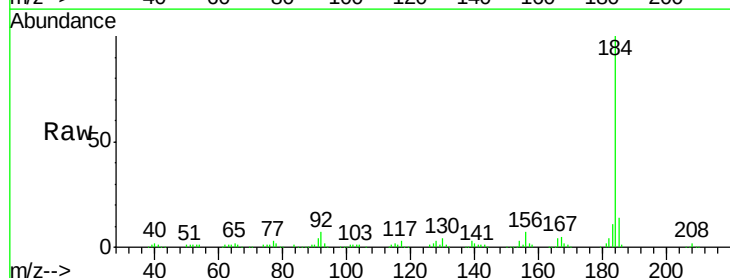
Tgt Ion:184 Resp: 210448

Ion Ratio Lower Upper

184 100

185 14.0 12.8 19.2

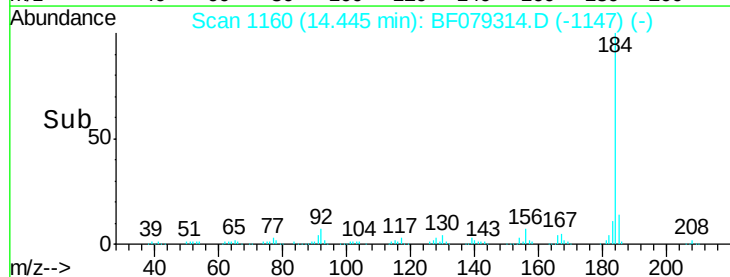
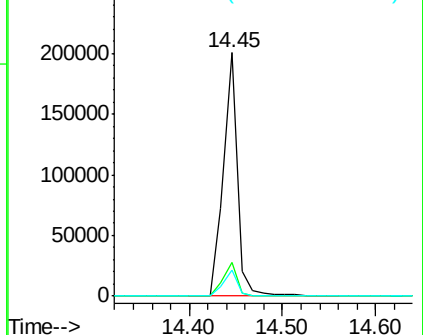
183 10.8 9.0 13.4

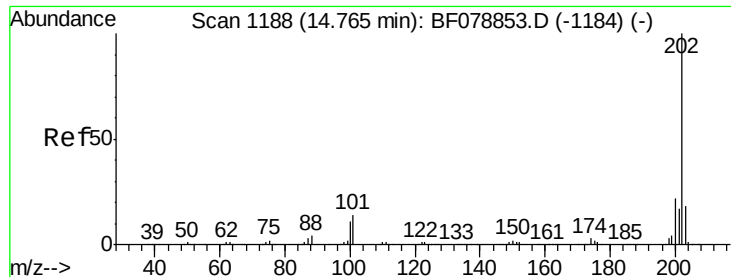


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.18 ng

RT: 14.54 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB83448BS

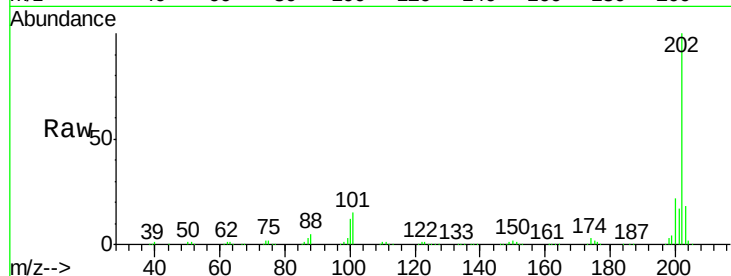
Tot Ion:202 Resp: 482557

Ion Ratio Lower Upper

202 100

200 21.7 17.5 26.3

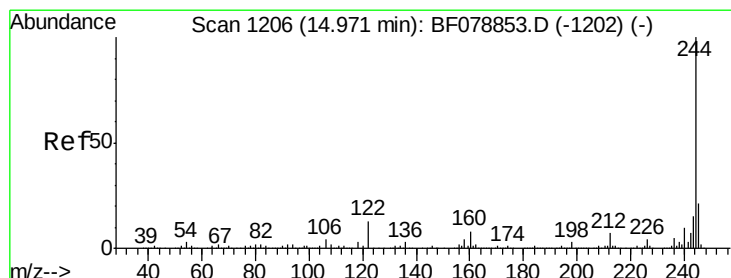
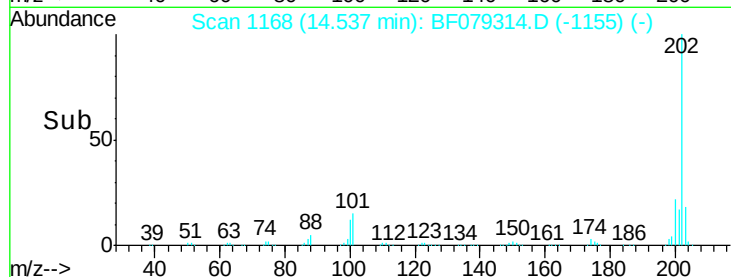
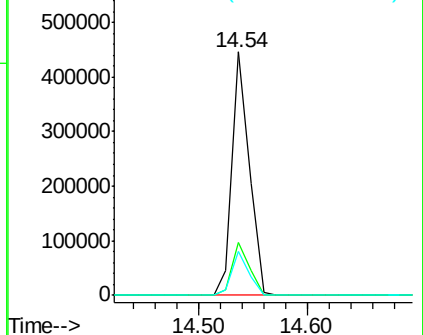
203 17.8 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.29 ng

RT: 14.75 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

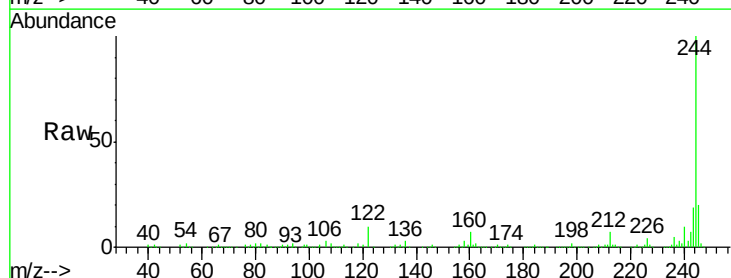
Tgt Ion:244 Resp: 681156

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

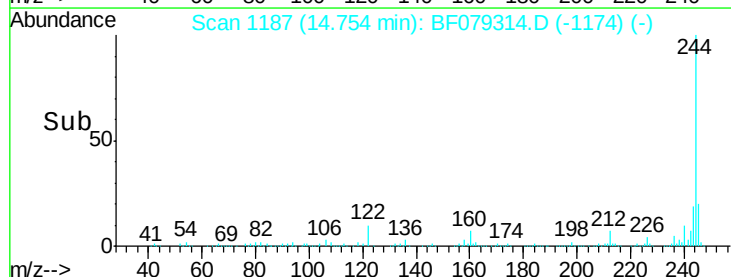
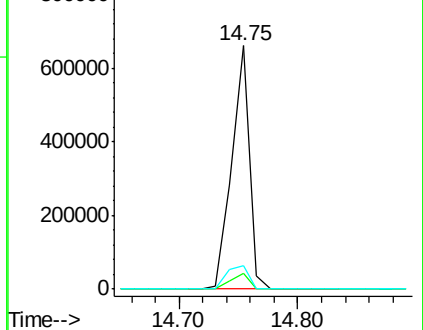
122 9.6 10.5 15.7#

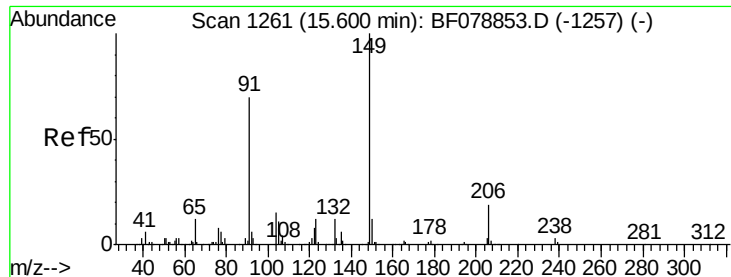


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.65 ng

RT: 15.37 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB83448BS

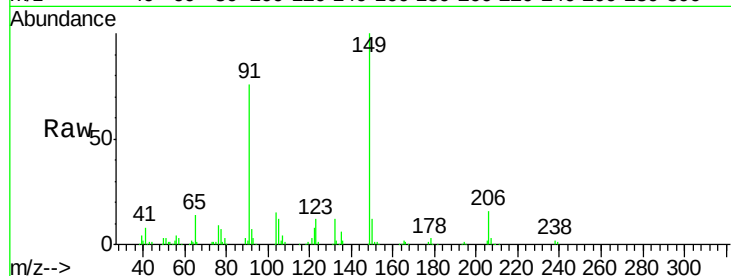
Tot Ion:149 Resp: 224264

Ion Ratio Lower Upper

149 100

91 75.5 56.2 84.2

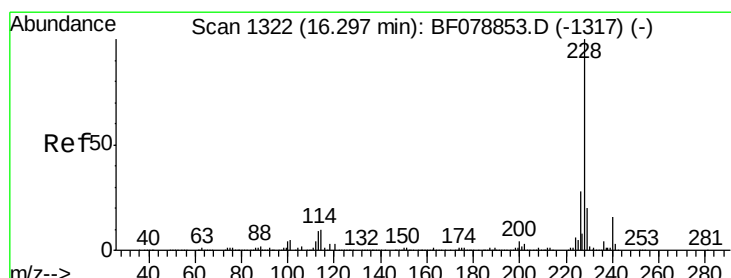
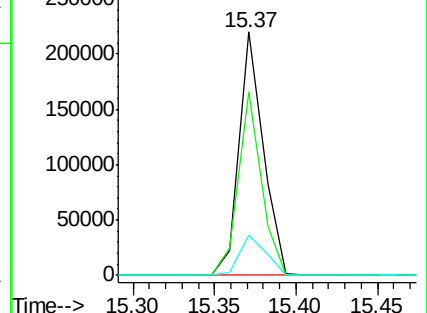
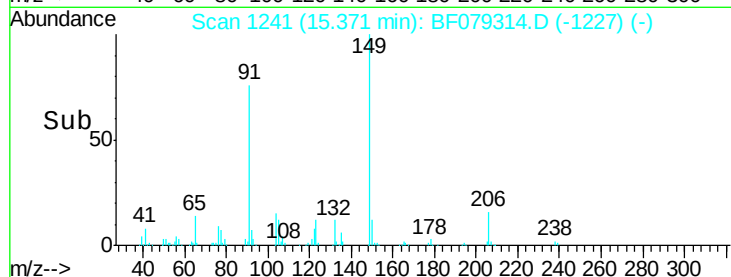
206 16.3 15.2 22.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.48 ng

RT: 16.05 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

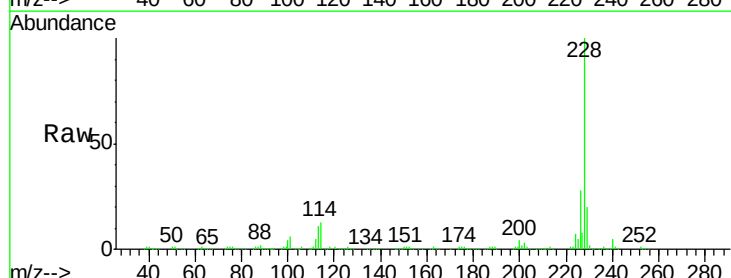
Tgt Ion:228 Resp: 450444

Ion Ratio Lower Upper

228 100

226 28.0 22.3 33.5

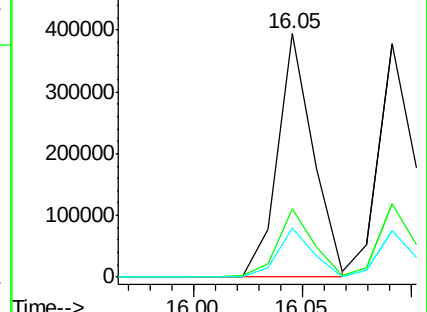
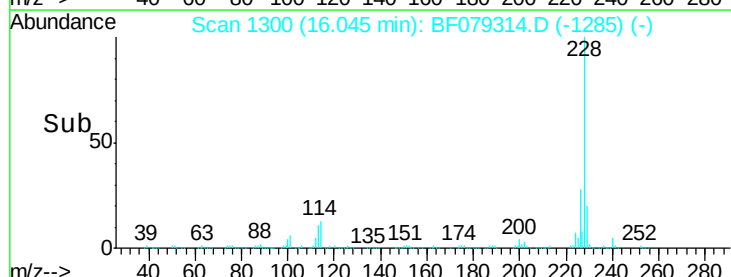
229 20.3 16.1 24.1

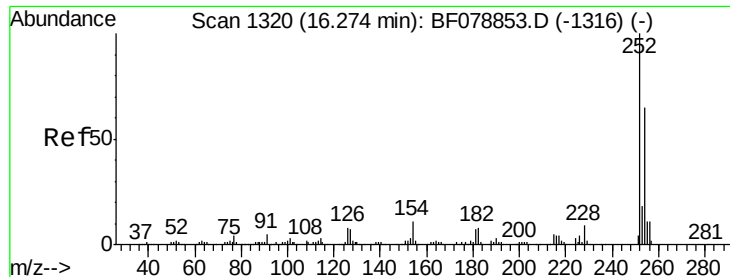


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

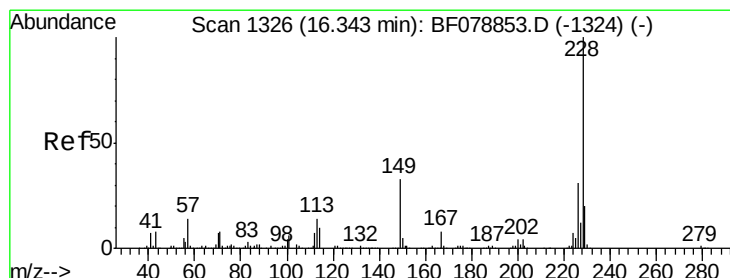
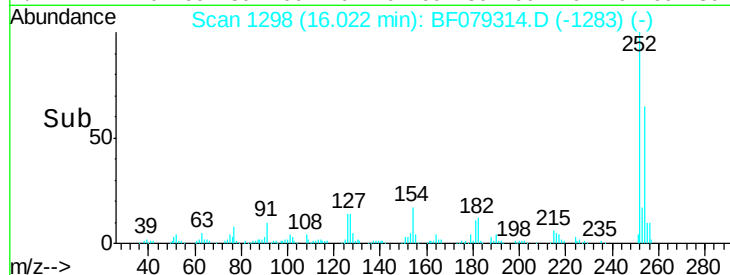
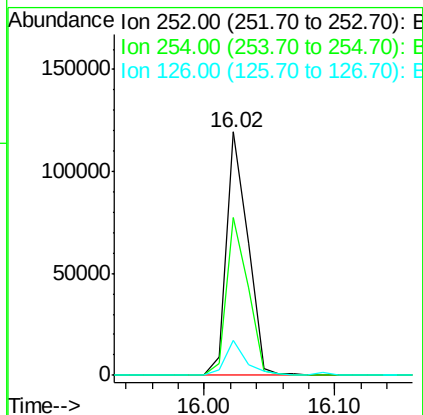
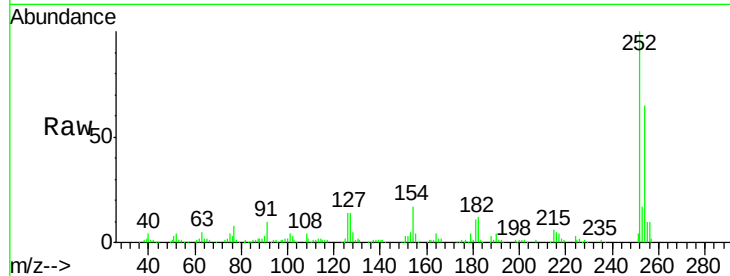




#81
 3,3'-Dichlorobenzidine
 Concen: 32.67 ng
 RT: 16.02 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

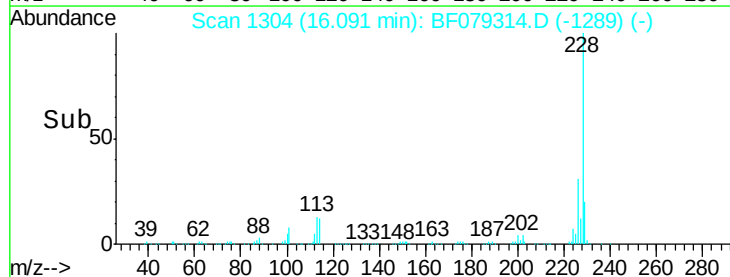
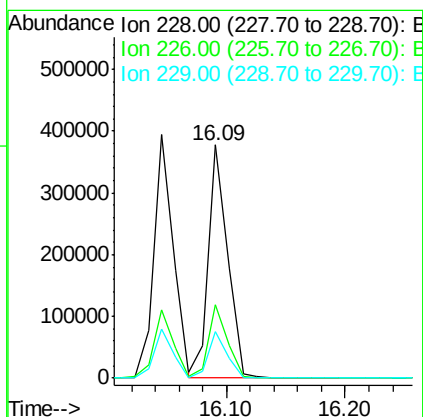
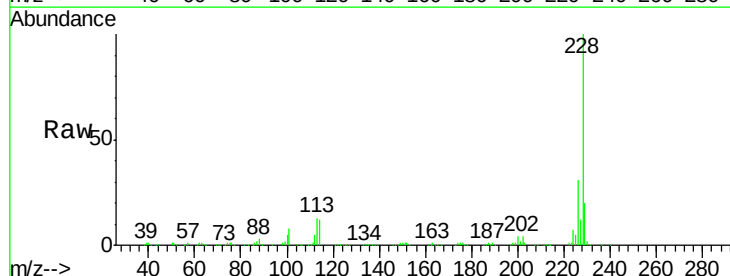
Instrument :
 BNA_F
 ClientSampleId :
 PB83448BS

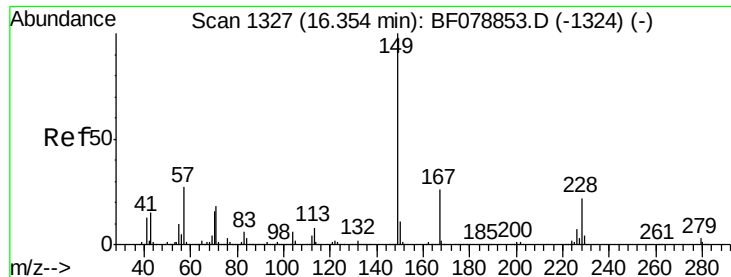
Tot Ion:252 Resp: 136209
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.2 78.2
 126 14.1 6.6 9.8#



#82
 Chrysene
 Concen: 37.57 ng
 RT: 16.09 min Scan# 1304
 Delta R.T. 0.01 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Tgt Ion:228 Resp: 422994
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.8 37.2
 229 19.8 16.1 24.1

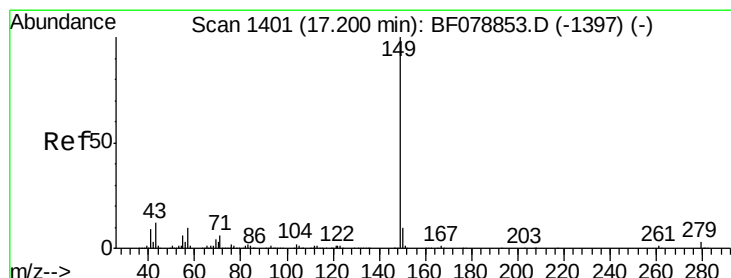
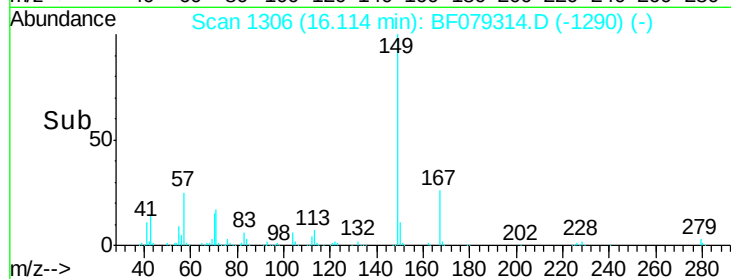
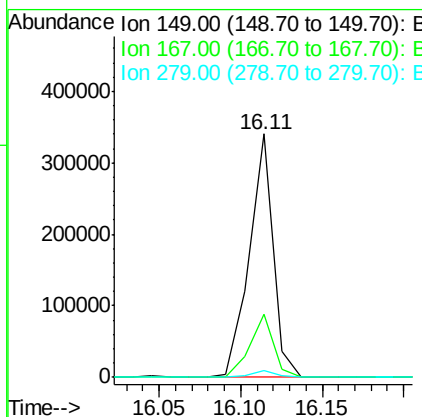
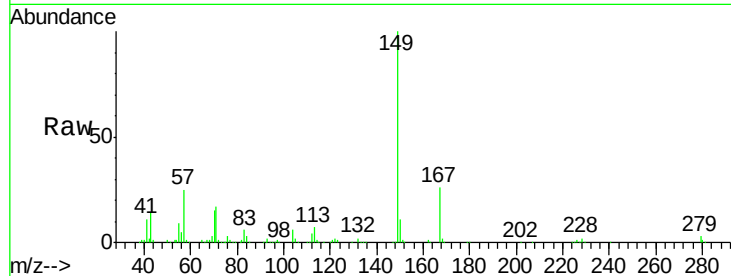




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.29 ng
 RT: 16.11 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

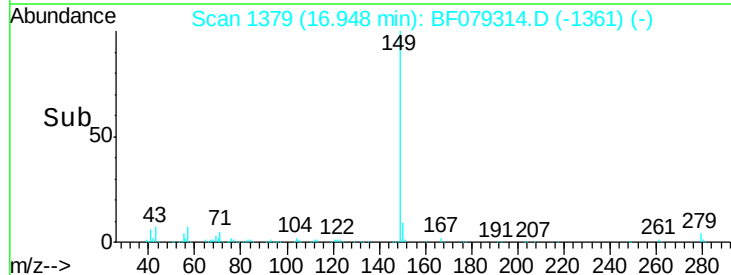
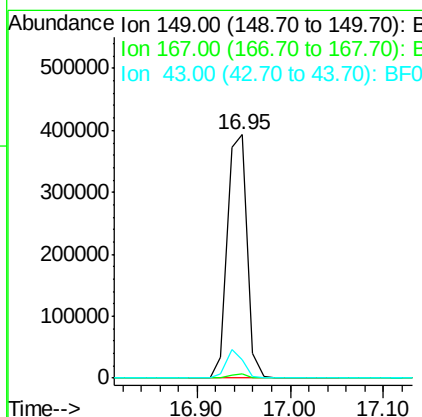
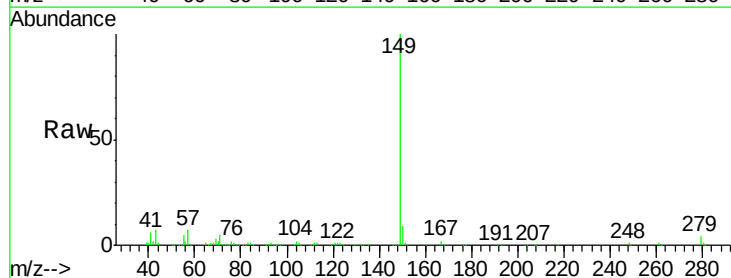
Instrument :
 BNA_F
 ClientSampleId :
 PB83448BS

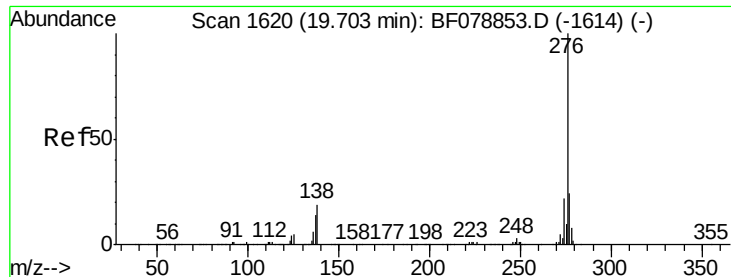
Tot Ion:149 Resp: 344882
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.2 31.8
 279 3.0 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 40.48 ng
 RT: 16.95 min Scan# 1379
 Delta R.T. 0.03 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Tgt Ion:149 Resp: 581371
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.9 9.0 13.6

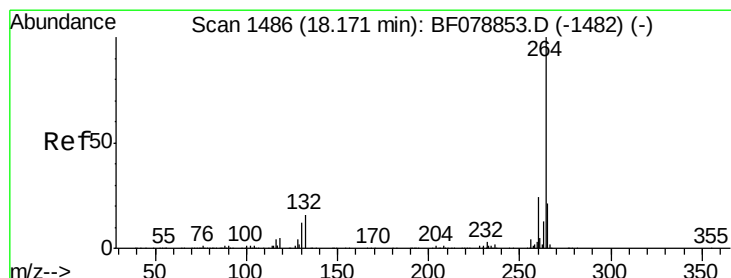
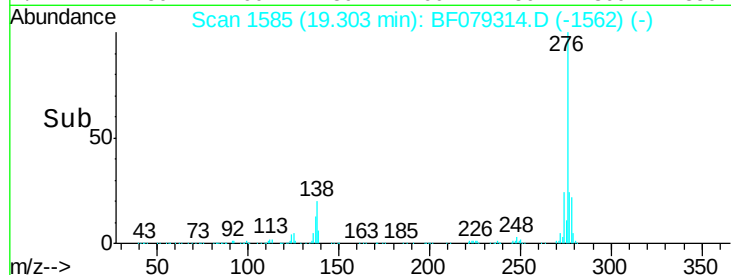
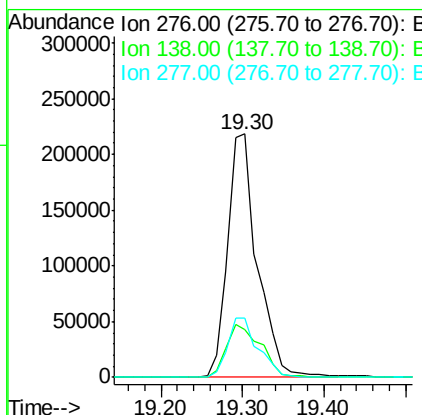
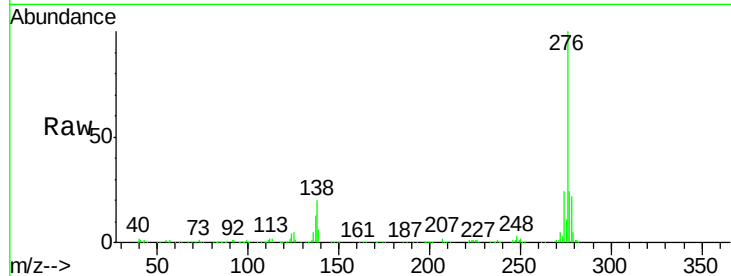




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.46 ng
 RT: 19.30 min Scan# 1585
 Delta R.T. 0.06 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

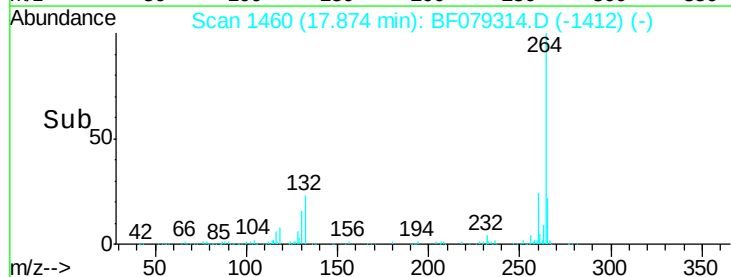
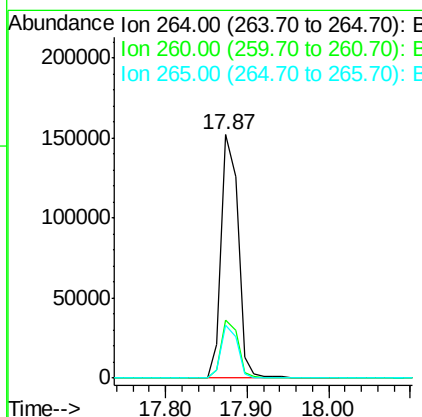
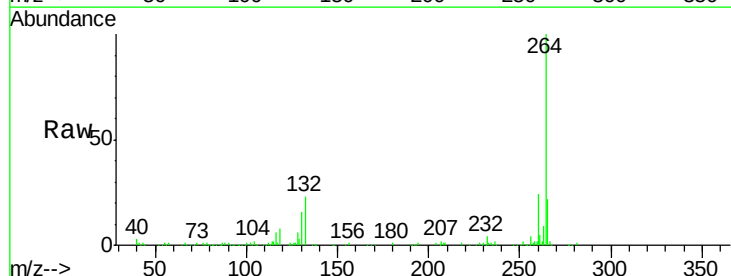
Instrument :
 BNA_F
 ClientSampleId :
 PB83448BS

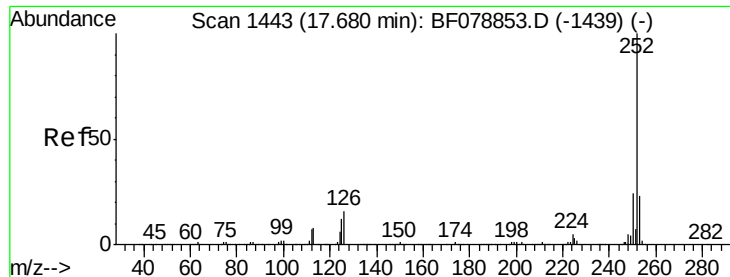
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.5	21.1	31.7
277	25.1	19.9	29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.87 min Scan# 1460
 Delta R.T. 0.05 min
 Lab File: BF079314.D
 Acq: 18 May 2015 18:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.2	25.8

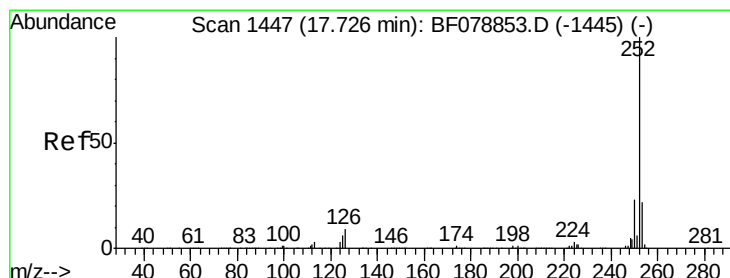
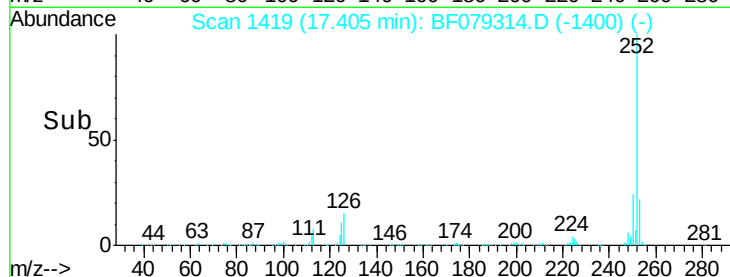
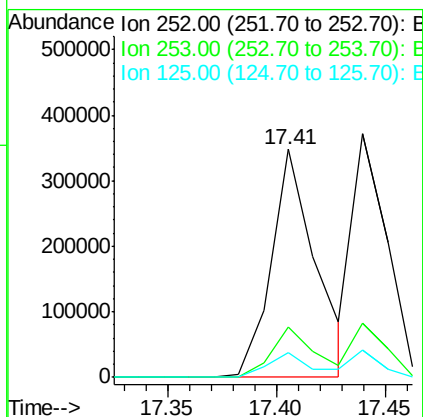
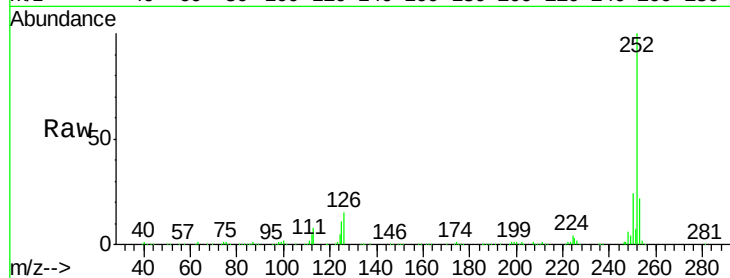




#87
Benzo(b)fluoranthene
Concen: 41.45 ng
RT: 17.41 min Scan# 1419
Delta R.T. 0.03 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

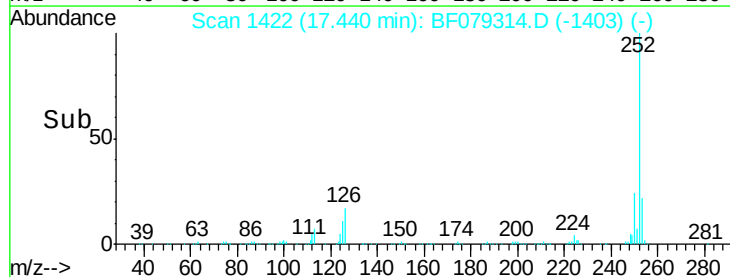
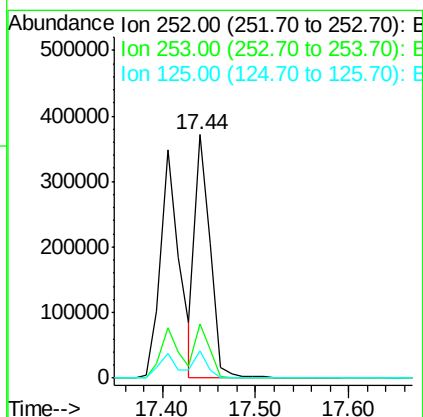
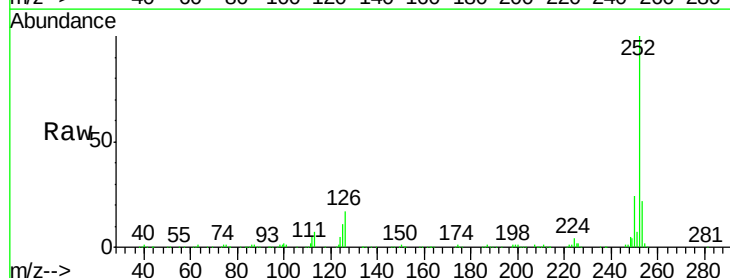
Instrument :
BNA_F
ClientSampleId :
PB83448BS

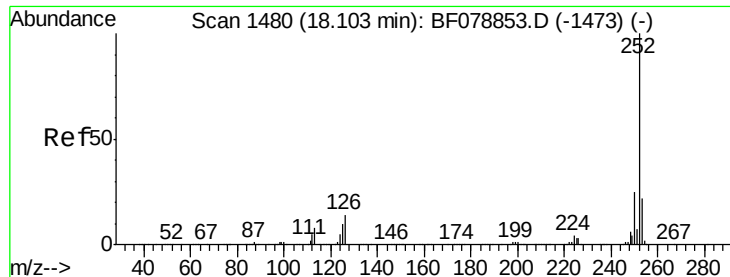
Tot Ion:252 Resp: 497176
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 10.7 9.4 14.2



#88
Benzo(k)fluoranthene
Concen: 35.93 ng
RT: 17.44 min Scan# 1422
Delta R.T. 0.03 min
Lab File: BF079314.D
Acq: 18 May 2015 18:07

Tgt Ion:252 Resp: 417162
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 11.2 6.1 9.1#





#89

Benzo(a)pyrene

Concen: 41.13 ng

RT: 17.82 min Scan# 1455

Delta R.T. 0.05 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB83448BS

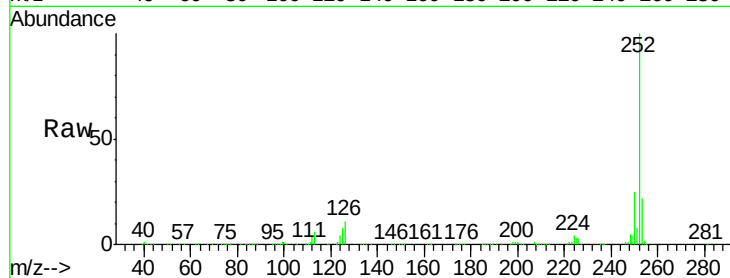
Tot Ion:252 Resp: 454222

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

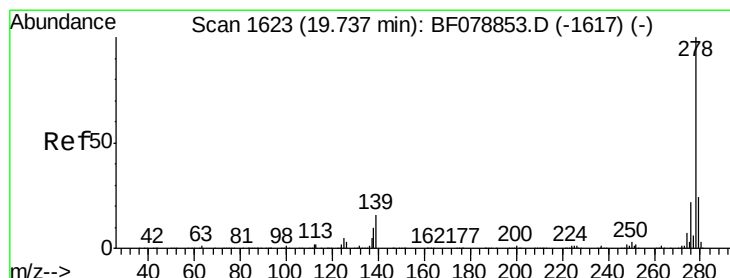
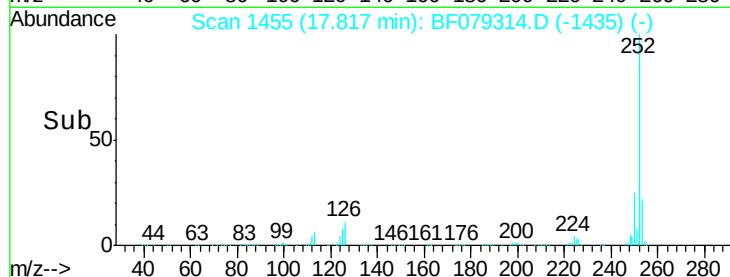
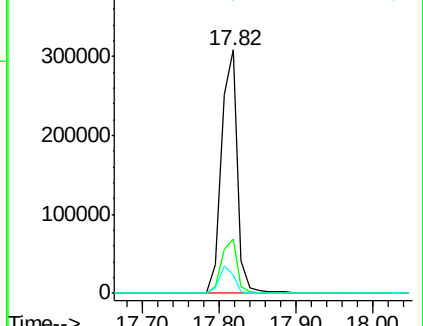
125 7.6 8.2 12.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.60 ng

RT: 19.33 min Scan# 1587

Delta R.T. 0.06 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

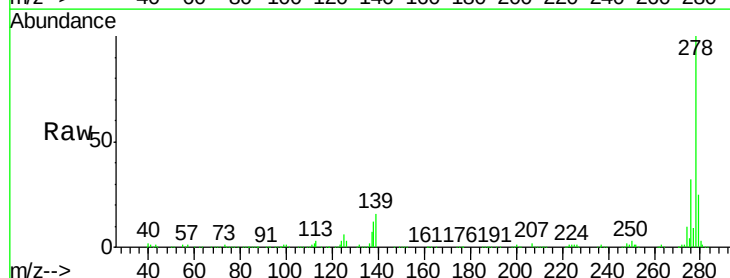
Tgt Ion:278 Resp: 453010

Ion Ratio Lower Upper

278 100

139 16.2 13.1 19.7

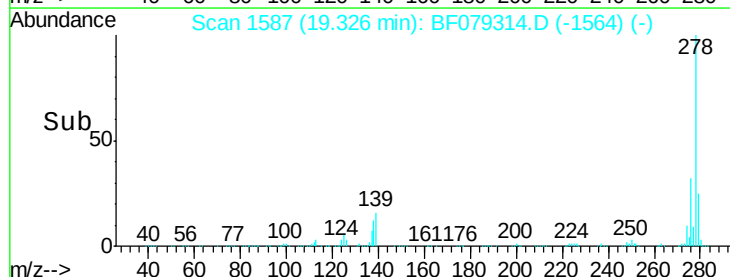
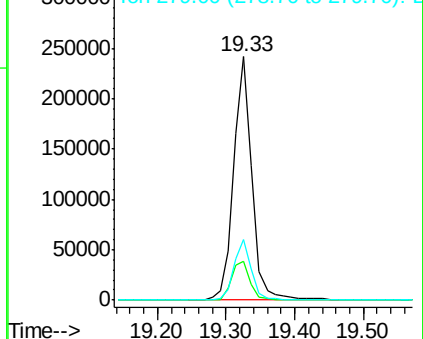
279 24.7 19.1 28.7

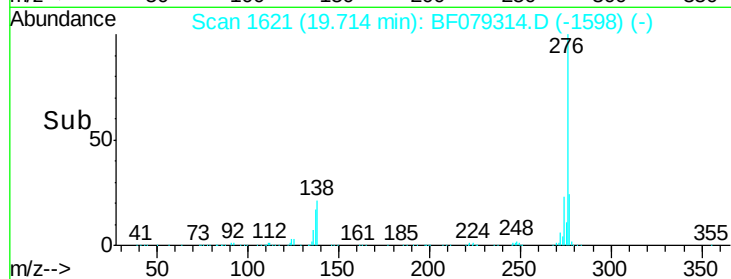
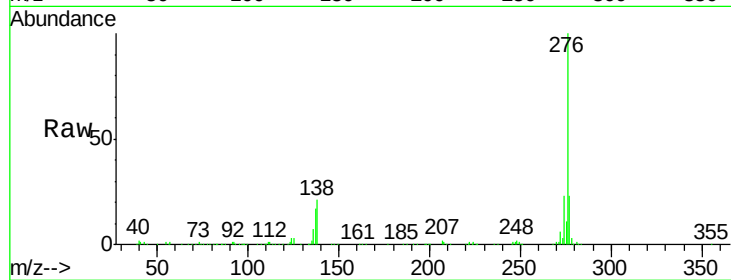
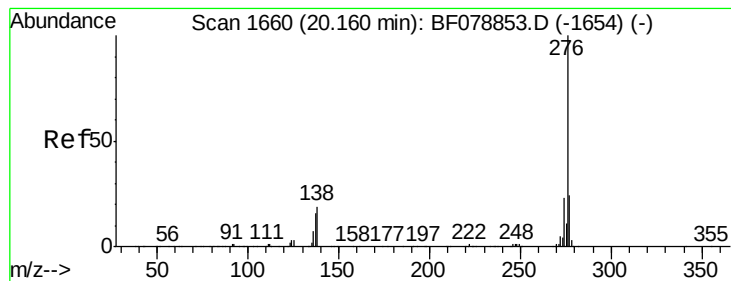


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.65 ng

RT: 19.71 min Scan# 1621

Delta R.T. 0.06 min

Lab File: BF079314.D

Acq: 18 May 2015 18:07

Instrument :

BNA_F

ClientSampleId :

PB83448BS

Tot Ion: 276 Resp: 466374

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 20.7 15.2 22.8

