

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090215\
 Data File : BF081344.D
 Acq On : 2 Sep 2015 12:52
 Operator : UM/IZ
 Sample : PB85343BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Quant Time: Sep 02 23:00:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 22:52:41 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	58608	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	224798	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	99213	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	202480	20.00	ng	0.00
75) Chrysene-d12	13.50	240	173726	20.00	ng	0.00
86) Perylene-d12	14.80	264	118888	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.95	112	403831	106.91	ng	0.02
7) Phenol-d6	6.06	99	559733	111.94	ng	0.00
23) Nitrobenzene-d5	6.97	82	371407	79.71	ng	0.00
41) 2,4,6-Tribromophenol	10.20	330	107314	121.48	ng	0.00
44) 2-Fluorobiphenyl	8.76	172	639874	82.65	ng	0.00
78) Terphenyl-d14	12.47	244	560056	75.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.84	88	50423	29.72	ng	# 91
3) Pyridine	2.38	79	157296	33.62	ng	# 93
4) n-Nitrosodimethylamine	2.34	42	91433	35.18	ng	# 77
6) Aniline	6.04	93	159628	22.61	ng	# 70
8) 2-Chlorophenol	6.17	128	152614	36.66	ng	# 82
9) Benzaldehyde	5.92	77	19039	6.08	ng	# 63
10) Phenol	6.07	94	231471	39.92	ng	# 58
11) bis(2-Chloroethyl)ether	6.14	93	138505	33.11	ng	# 83
12) 1,3-Dichlorobenzene	6.32	146	138600	31.16	ng	# 86
13) 1,4-Dichlorobenzene	6.40	146	143270	31.64	ng	# 85
14) 1,2-Dichlorobenzene	6.56	146	147531	36.18	ng	# 93
15) Benzyl Alcohol	6.56	79	142646	34.78	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	6.70	45	281908	35.15	ng	# 91
17) 2-Methylphenol	6.68	107	122118	36.77	ng	# 79
18) Hexachloroethane	6.90	117	60514	34.35	ng	# 81
19) n-Nitroso-di-n-propylamine	6.83	70	120836	35.51	ng	# 83
20) 3+4-Methylphenols	6.84	107	160025	35.74	ng	# 89
22) Acetophenone	6.81	105	215502	35.10	ng	# 75
24) Nitrobenzene	6.98	77	158270	32.71	ng	# 61
25) Isophorone	7.23	82	295872	34.14	ng	# 86
26) 2-Nitrophenol	7.30	139	70928	33.63	ng	# 29
27) 2,4-Dimethylphenol	7.37	122	131984	36.23	ng	# 83
28) bis(2-Chloroethoxy)methane	7.46	93	174345	34.83	ng	# 93
29) 2,4-Dichlorophenol	7.55	162	118269	37.44	ng	# 95
30) 1,2,4-Trichlorobenzene	7.62	180	115194	33.57	ng	# 95
31) Naphthalene	7.70	128	426798	35.60	ng	# 98
32) Benzoic acid	7.52	122	84328	33.25	ng	# 55
33) 4-Chloroaniline	7.76	127	86167	17.62	ng	# 78
34) Hexachlorobutadiene	7.83	225	74642	35.74	ng	# 98
35) Caprolactam	8.14	113	21740	22.44	ng	# 21
36) 4-Chloro-3-methylphenol	8.26	107	135395	38.30	ng	# 70
37) 2-Methylnaphthalene	8.39	142	246621	31.61	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	120556	38.42	ng	# 98
40) Hexachlorocyclopentadiene	8.55	237	130355	84.66	ng	# 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	73524	33.95	nq	99
43) 2,4,5-Trichlorophenol	8.72	196	80998	36.67	nq #	81
45) 1,1'-Biphenyl	8.86	154	326115	35.73	nq	96
46) 2-Chloronaphthalene	8.88	162	229789	34.86	nq	97
47) 2-Nitroaniline	8.98	65	114225	42.52	nq #	62
48) Acenaphthylene	9.28	152	391242	33.46	nq	97
49) Dimethylphthalate	9.18	163	303403	39.36	nq #	97
50) 2,6-Dinitrotoluene	9.23	165	64510	36.87	nq #	93
51) Acenaphthene	9.45	154	228703	34.38	nq	89
52) 3-Nitroaniline	9.39	138	52921	26.57	nq #	72
53) 2,4-Dinitrophenol	9.51	184	66202	89.84	nq #	80
54) Dibenzofuran	9.62	168	336240	34.61	nq #	83
55) 4-Nitrophenol	9.58	139	87794	70.16	nq #	1
56) 2,4-Dinitrotoluene	9.62	165	83050	37.28	nq #	1
57) Fluorene	9.96	166	304795	41.35	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.75	232	70425	41.75	nq	94
59) Diethylphthalate	9.87	149	319453	39.40	nq	99
60) 4-Chlorophenyl-phenylether	9.96	204	134086	39.03	nq #	82
61) 4-Nitroaniline	10.00	138	64791	32.20	nq #	18
62) Azobenzene	10.12	77	378034	41.93	nq	88
64) 4,6-Dinitro-2-methylphenol	10.03	198	45030	39.76	nq	85
65) n-Nitrosodiphenylamine	10.09	169	265097	35.98	nq	90
66) 4-Bromophenyl-phenylether	10.44	248	70756	34.56	nq #	82
67) Hexachlorobenzene	10.50	284	79257	37.03	nq #	88
68) Atrazine	10.63	200	86220	40.44	nq	81
69) Pentachlorophenol	10.71	266	75894	73.61	nq	99
70) Phenanthrene	10.91	178	417451	37.08	nq	97
71) Anthracene	10.96	178	432666	37.41	nq	98
72) Carbazole	11.12	167	375028	34.56	nq	96
73) Di-n-butylphthalate	11.47	149	440119	34.34	nq #	98
74) Fluoranthene	12.08	202	458659	37.64	nq	90
76) Benzidine	12.22	184	211769	28.40	nq	98
77) Pyrene	12.30	202	459734	35.73	nq	97
79) Butylbenzylphthalate	12.95	149	190829	34.10	nq #	66
80) Benzo(a)anthracene	13.49	228	385846	34.88	nq	97
81) 3,3'-Dichlorobenzidine	13.46	252	87197	23.37	nq #	93
82) Chrysene	13.52	228	346175	34.91	nq	95
83) Bis(2-ethylhexyl)phthalate	13.52	149	257733	34.90	nq #	90
84) Di-n-octyl phthalate	14.13	149	441822	36.33	nq	98
85) Indeno(1,2,3-cd)pyrene	15.89	276	251355	34.54	nq #	86
87) Benzo(b)fluoranthene	14.50	252	603456	71.10	nq #	83
88) Benzo(k)fluoranthene	14.50	252	603456	85.68	nq #	84
89) Benzo(a)pyrene	14.75	252	271707	37.78	nq #	87
90) Dibenzo(a,h)anthracene	15.91	278	213270	38.37	nq #	77
91) Benzo(g,h,i)perylene	16.21	276	203689	38.40	nq #	77

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

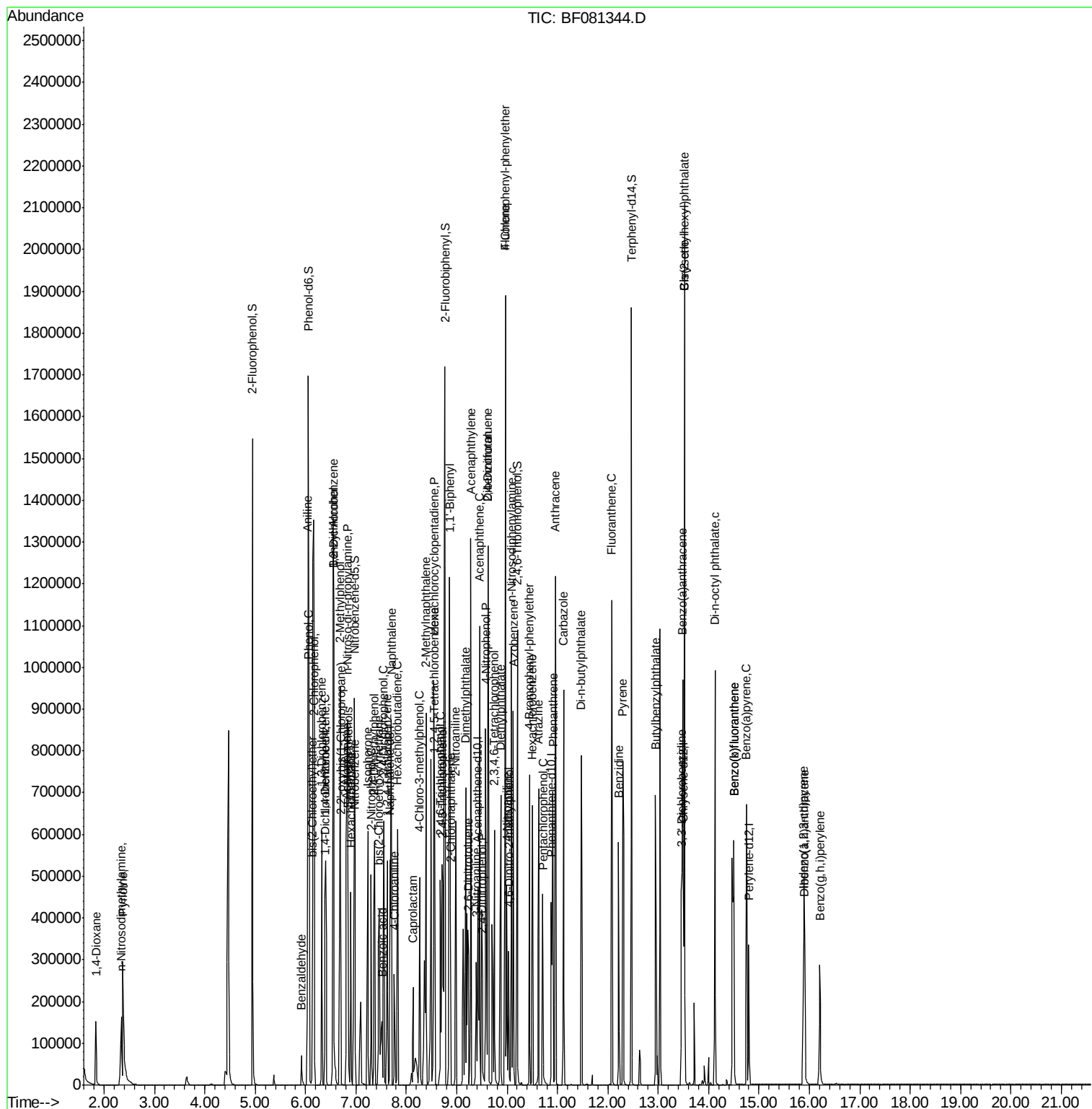
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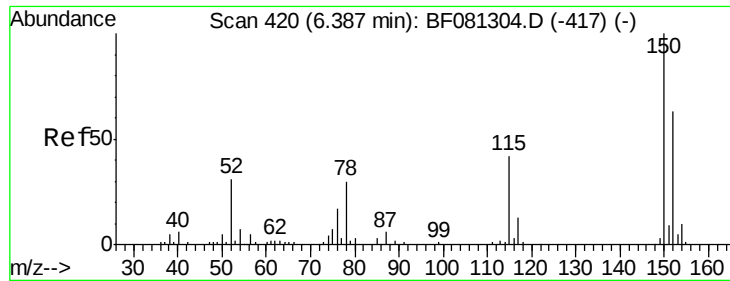
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Instrument :

BNA_F

ClientSampleId :

PB85121BS

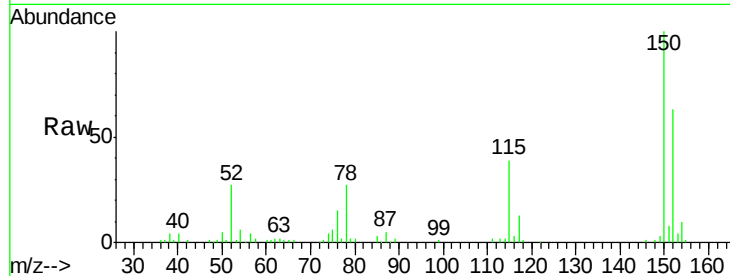
Tot Ion:152 Resp: 58608

Ion Ratio Lower Upper

152 100

150 159.9 124.7 187.1

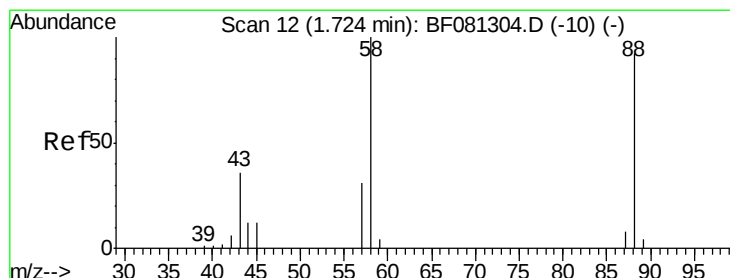
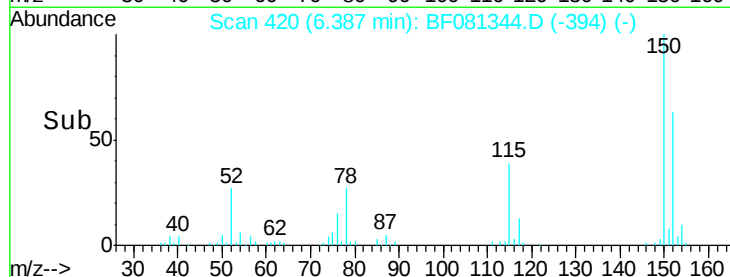
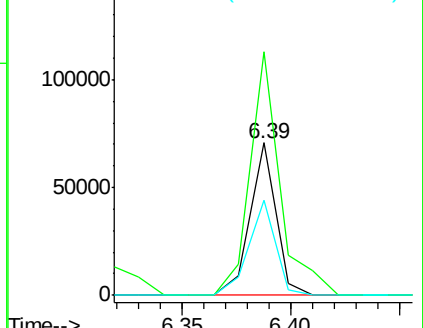
115 62.2 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.72 ng

RT: 1.84 min Scan# 22

Delta R.T. 0.11 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

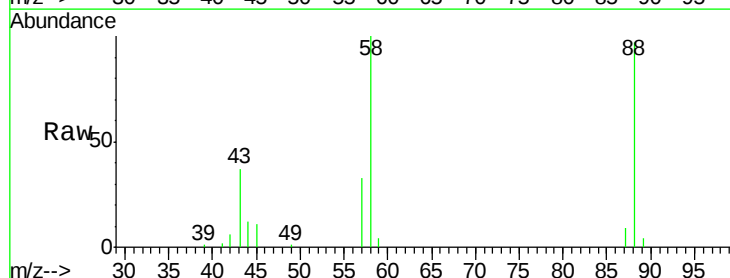
Tgt Ion: 88 Resp: 50423

Ion Ratio Lower Upper

88 100

58 103.5 77.7 116.5

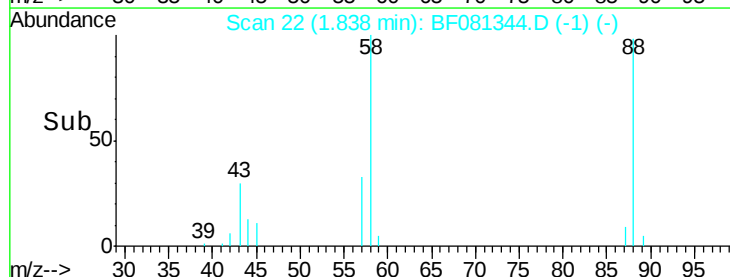
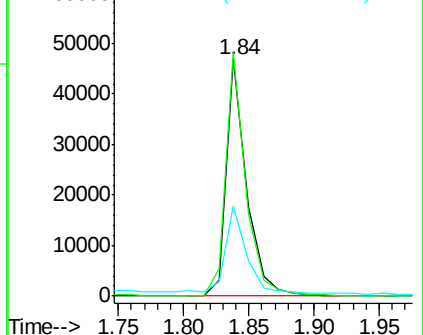
43 42.6 26.6 40.0#

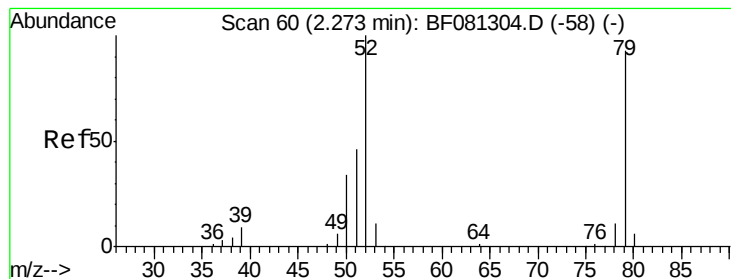


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 33.62 ng

RT: 2.38 min Scan# 69

Delta R.T. 0.10 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Instrument :

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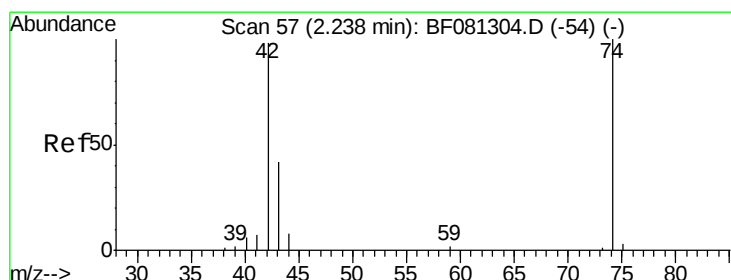
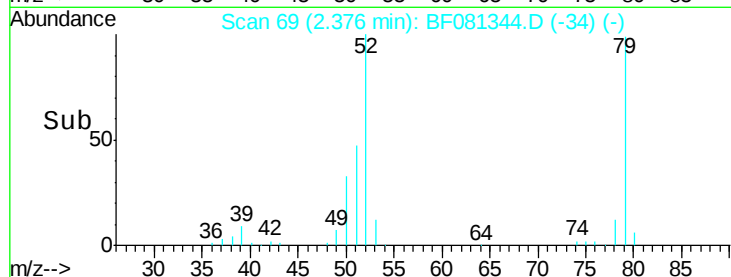
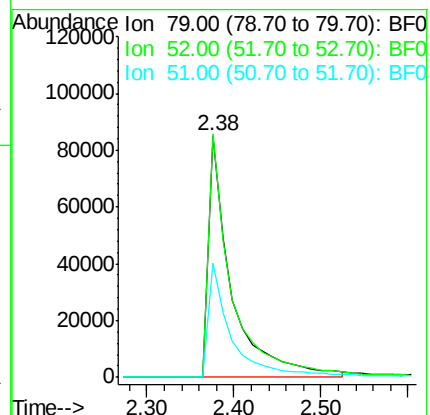
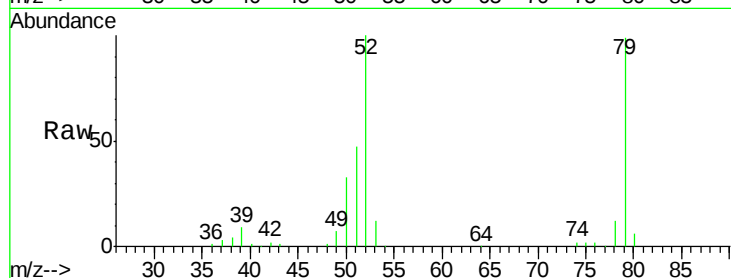
Tot Ion: 79 Resp: 157296

Ion Ratio Lower Upper

79 100

52 100.9 76.8 115.2

51 47.4 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 35.18 ng

RT: 2.34 min Scan# 66

Delta R.T. 0.10 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

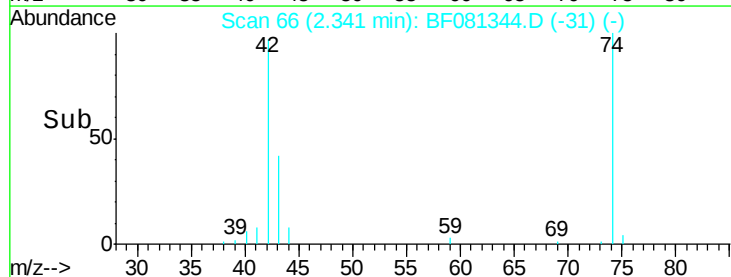
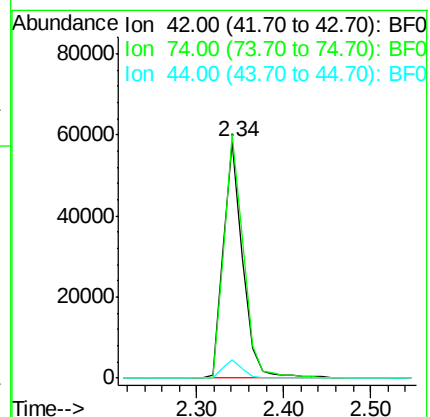
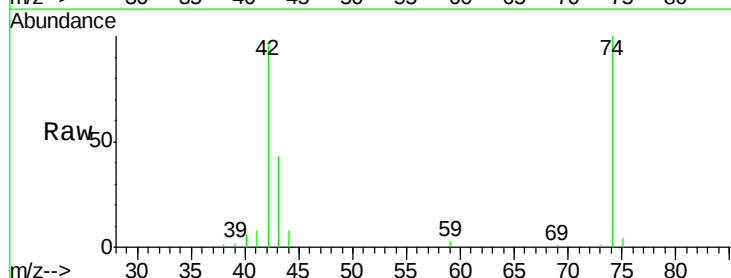
Tgt Ion: 42 Resp: 91433

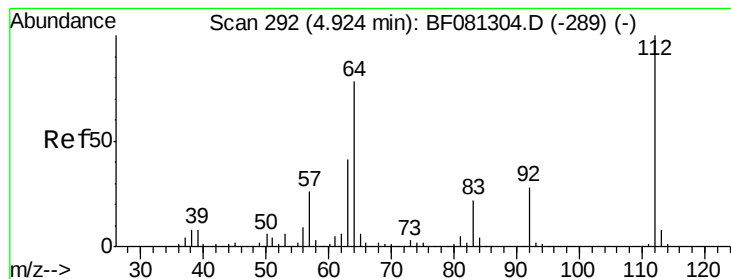
Ion Ratio Lower Upper

42 100

74 103.0 105.0 157.6#

44 7.8 6.6 10.0





#5

2-Fluorophenol

Concen: 106.91 ng

RT: 4.95 min Scan# 294

Delta R.T. 0.02 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Instrument :

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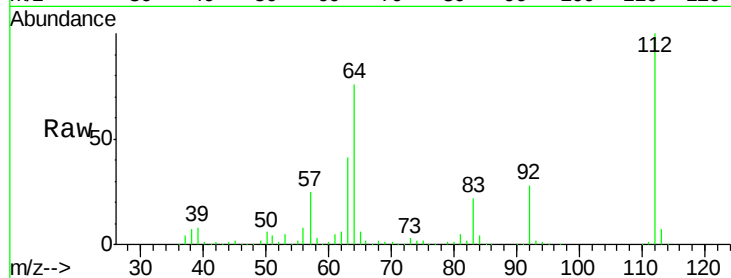
Tot Ion:112 Resp: 403831

Ion Ratio Lower Upper

112 100

64 75.9 39.7 59.5#

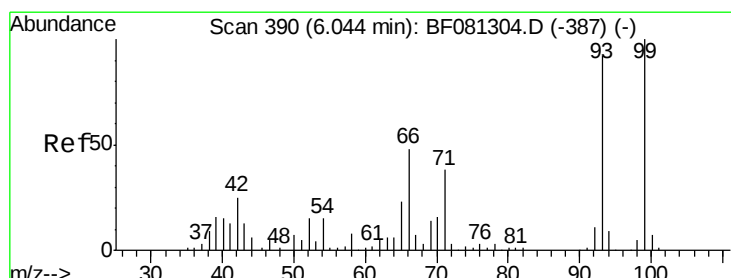
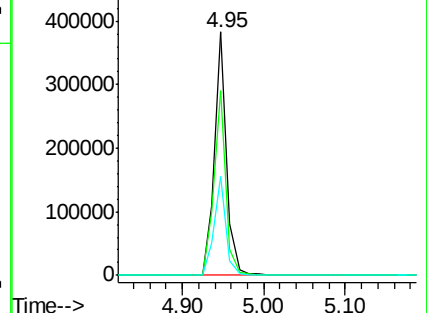
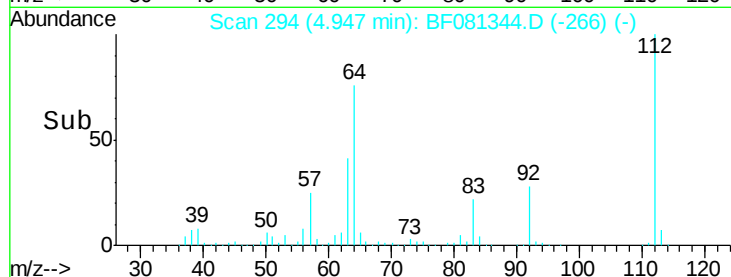
63 40.7 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.61 ng

RT: 6.04 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

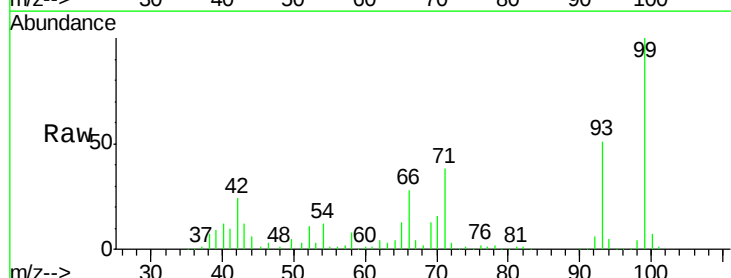
Tgt Ion: 93 Resp: 159628

Ion Ratio Lower Upper

93 100

66 55.7 27.2 40.8#

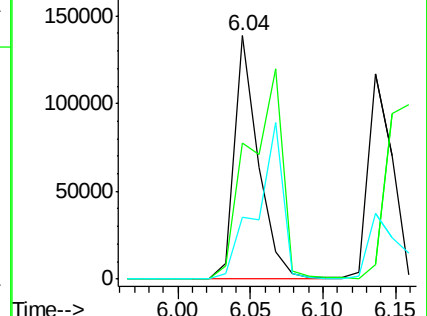
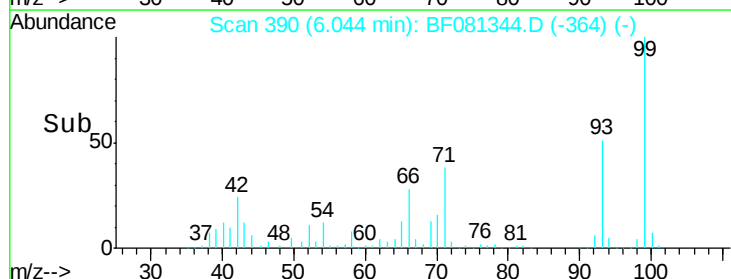
65 25.2 14.7 22.1#

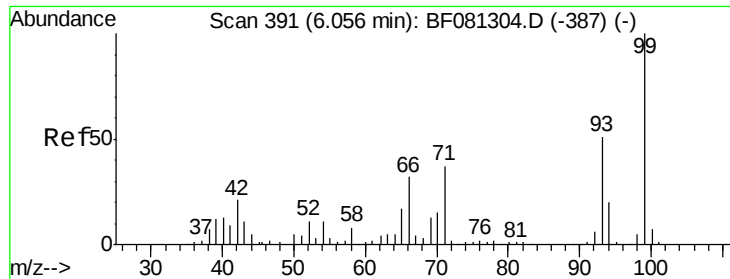


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 111.94 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

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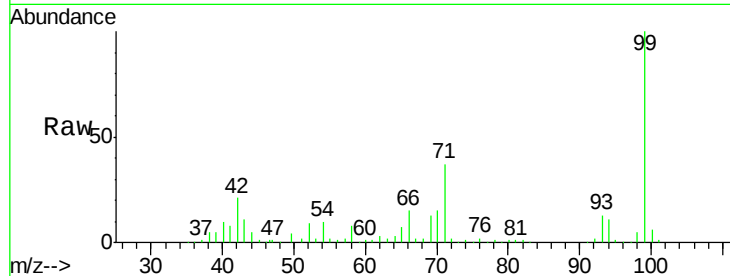
Tot Ion: 99 Resp: 559733

Ion Ratio Lower Upper

99 100

42 21.1 13.7 20.5#

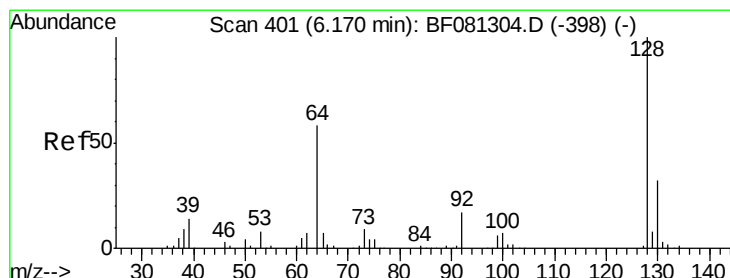
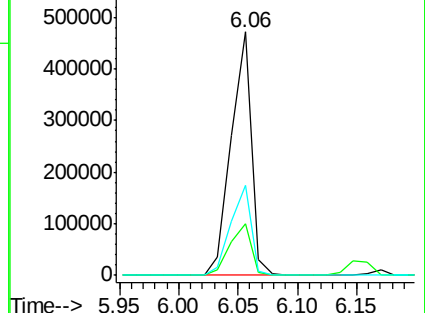
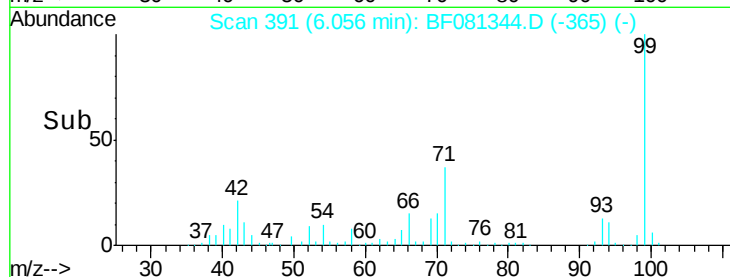
71 36.9 14.2 21.2#



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: 36.66 ng

RT: 6.17 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

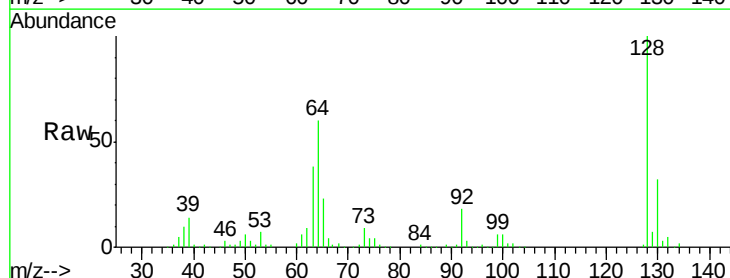
Tgt Ion:128 Resp: 152614

Ion Ratio Lower Upper

128 100

130 32.1 12.2 52.2

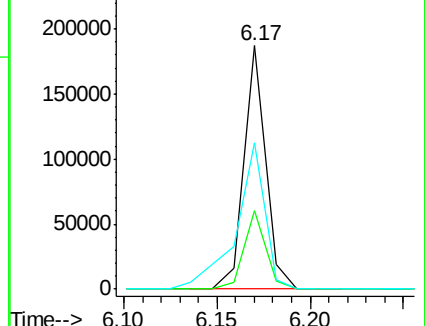
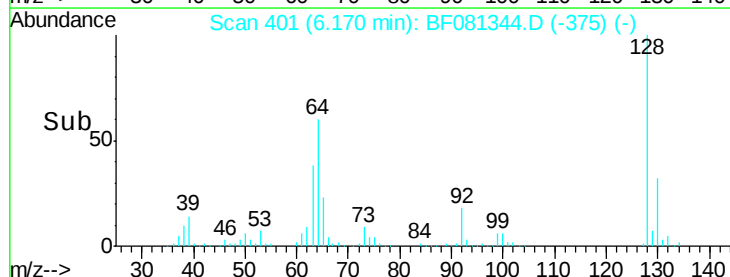
64 60.4 20.5 60.5

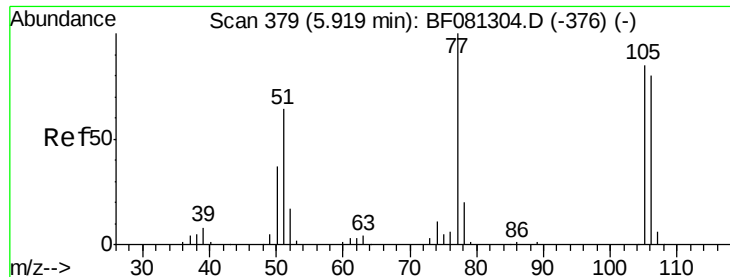


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.08 ng

RT: 5.92 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Instrument :

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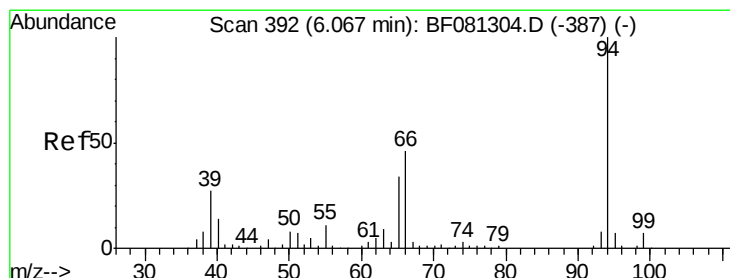
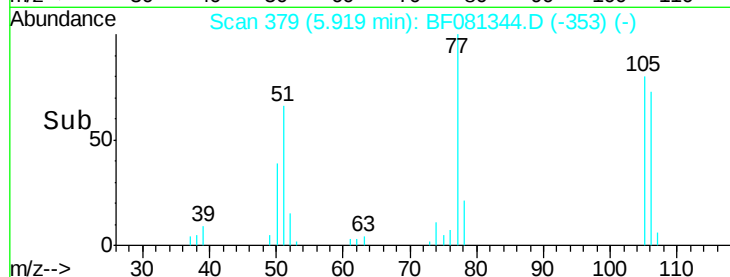
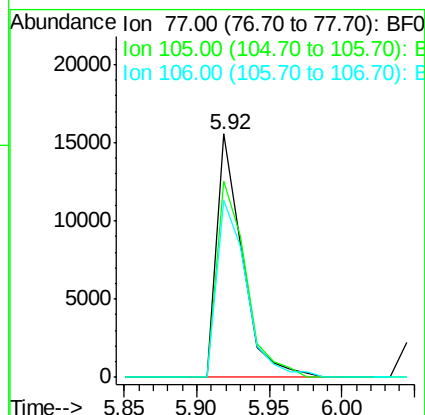
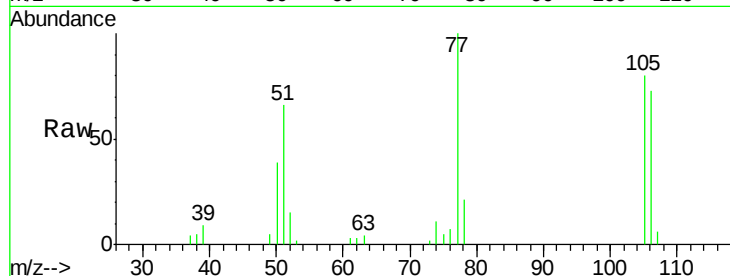
Tot Ion: 77 Resp: 19039

Ion Ratio Lower Upper

77 100

105 80.5 91.6 131.6#

106 72.7 102.6 142.6#



#10

Phenol

Concen: 39.92 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

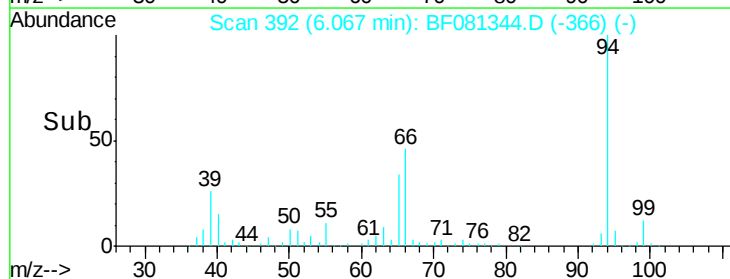
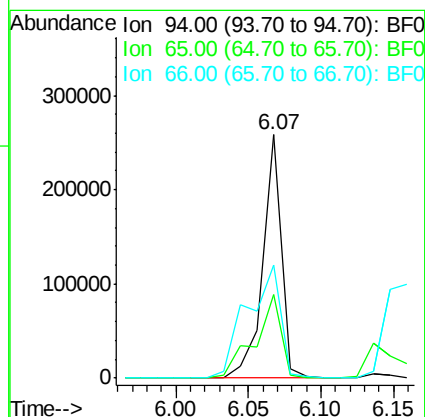
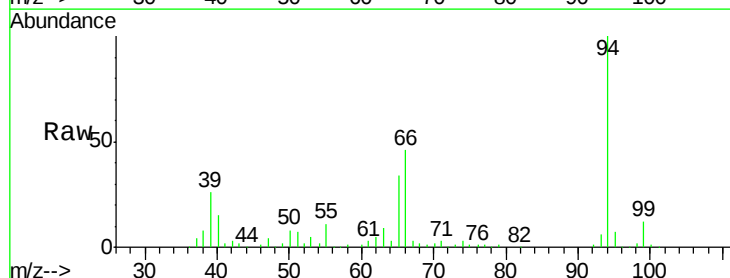
Tgt Ion: 94 Resp: 231471

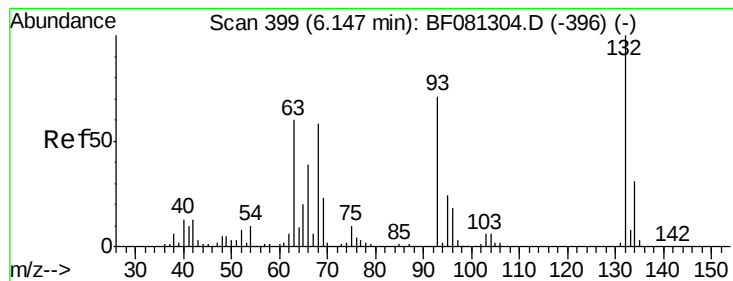
Ion Ratio Lower Upper

94 100

65 34.4 0.7 40.7

66 46.3 0.8 40.8#

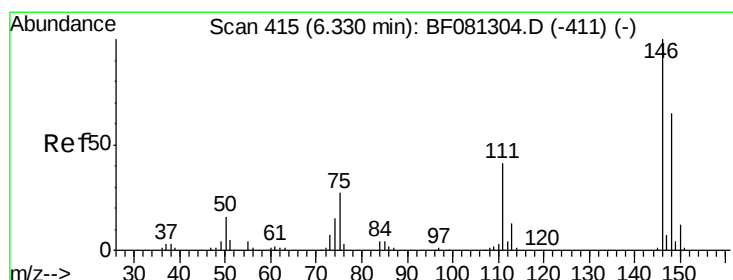
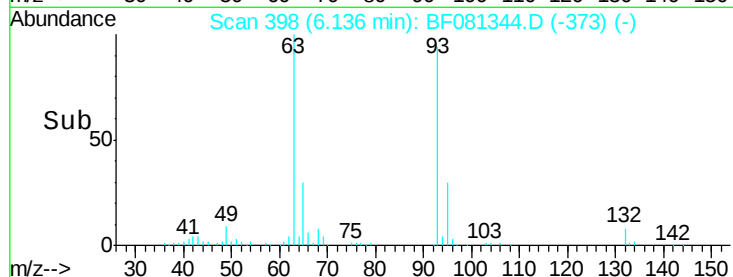
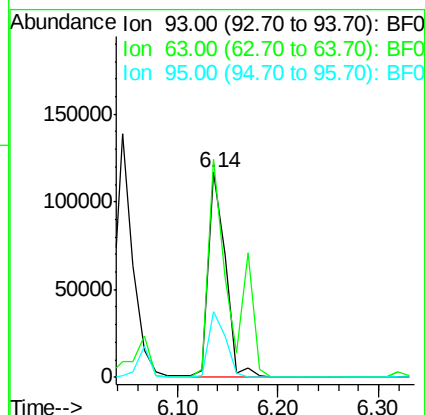
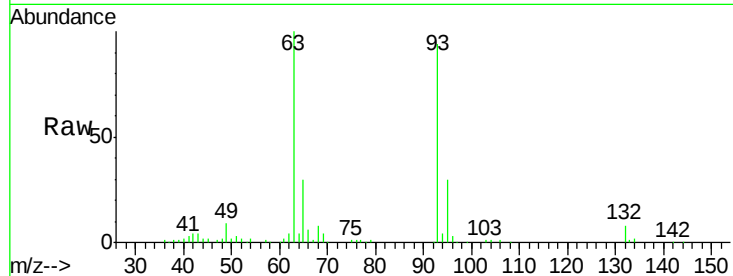




#11
bis(2-Chloroethyl)ether
Concen: 33.11 ng
RT: 6.14 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

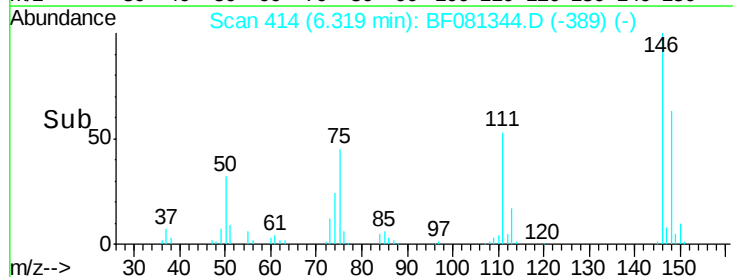
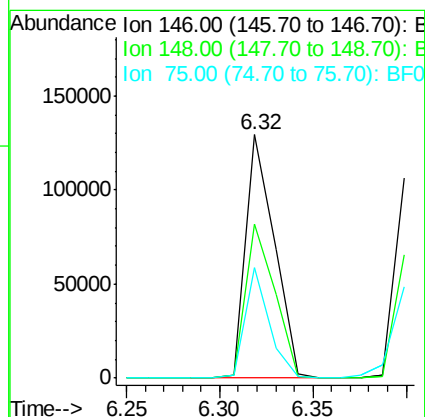
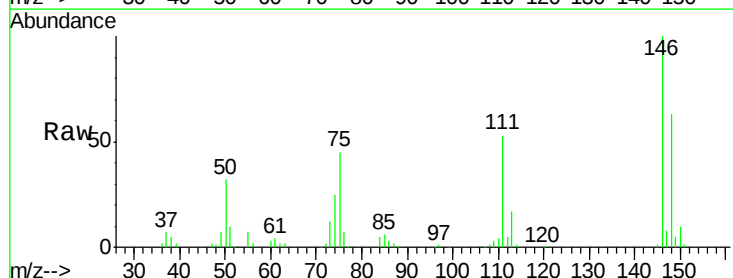
Instrument :
BNA_F
ClientSampleId :
PB85121BS

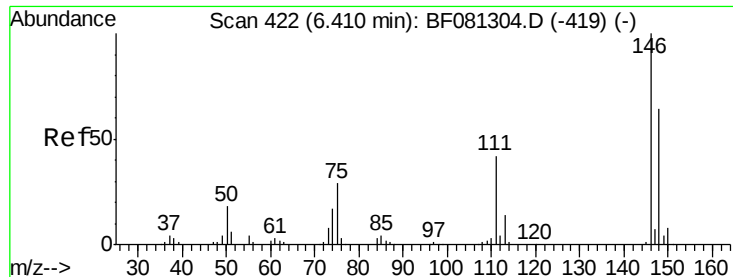
Tot Ion: 93 Resp: 138505
Ion Ratio Lower Upper
93 100
63 106.6 65.6 105.6#
95 32.4 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 31.16 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Tgt Ion: 146 Resp: 138600
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.4
75 45.2 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 31.64 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Instrument :

BNA_F

ClientSampleId :

PB85121BS

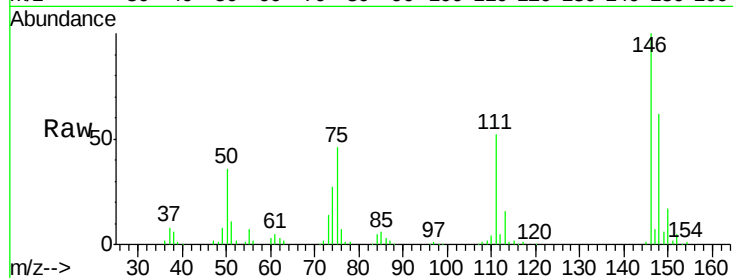
Tot Ion:146 Resp: 143270

Ion Ratio Lower Upper

146 100

148 61.7 51.8 77.6

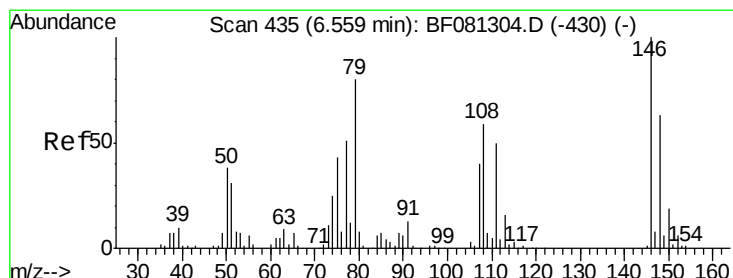
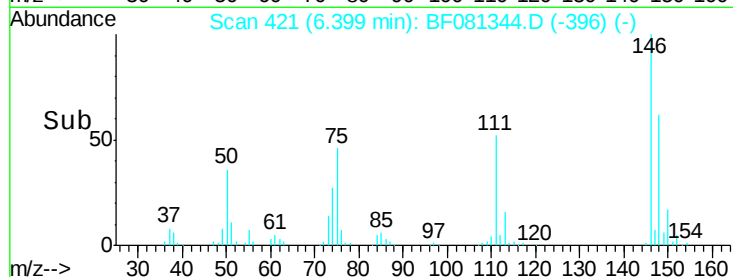
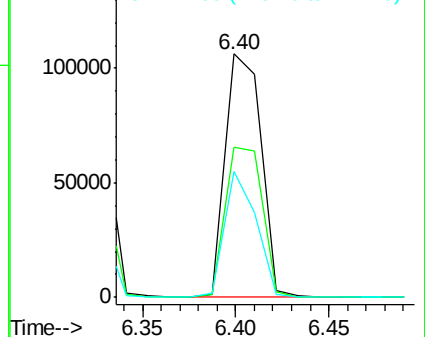
111 51.6 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 36.18 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

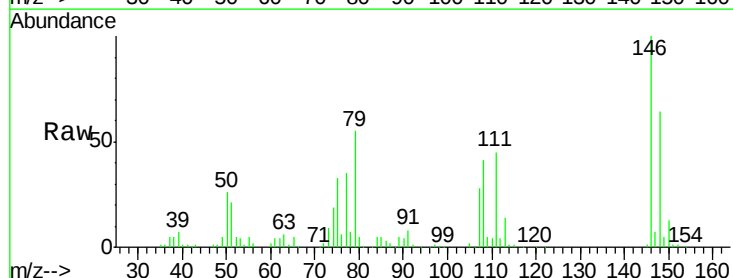
Tgt Ion:146 Resp: 147531

Ion Ratio Lower Upper

146 100

148 63.5 52.7 79.1

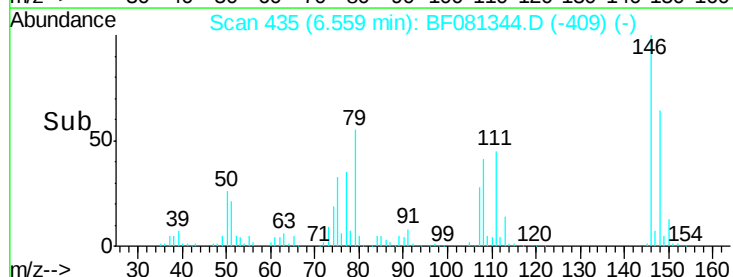
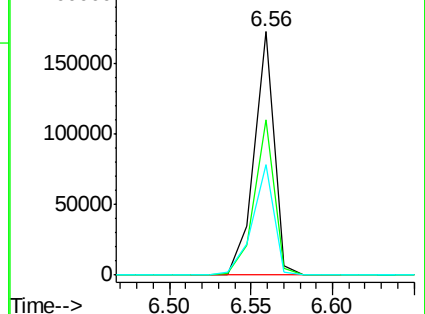
111 45.2 28.8 43.2#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.78 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Instrument :

BNA_F

ClientSampleID :

PB85121BS

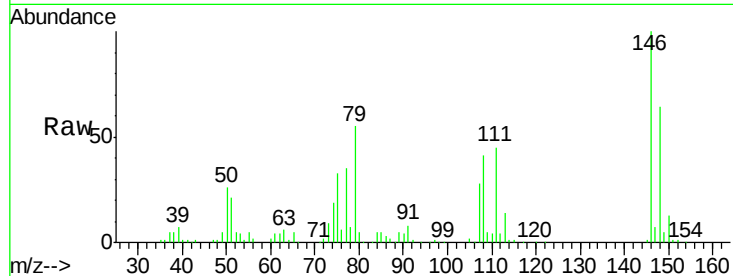
Tot Ion: 79 Resp: 142646

Ion Ratio Lower Upper

79 100

108 75.7 88.6 132.8#

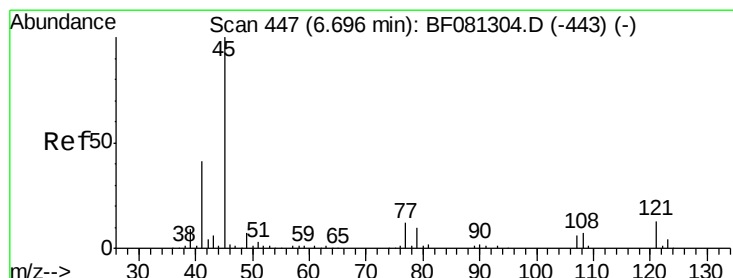
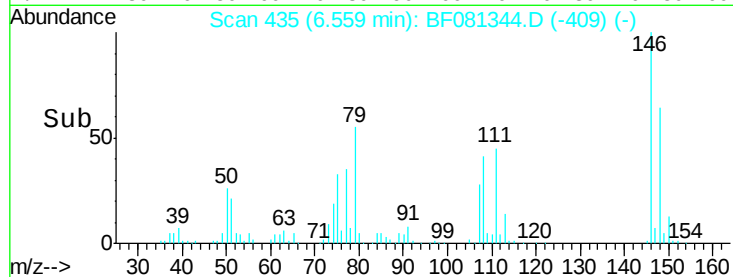
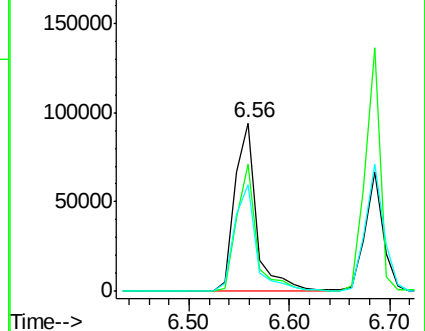
77 63.4 47.0 70.4



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: 35.15 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

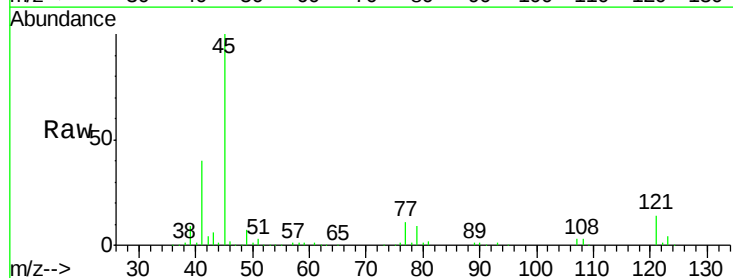
Tgt Ion: 45 Resp: 281908

Ion Ratio Lower Upper

45 100

77 11.2 0.0 28.1

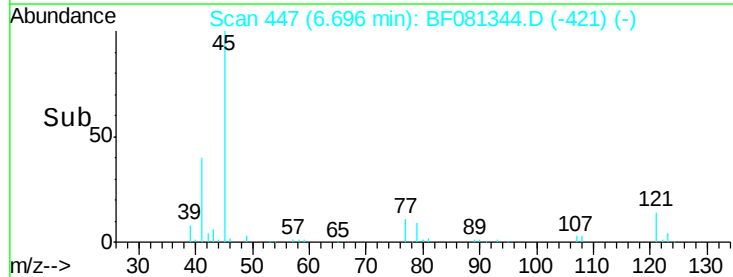
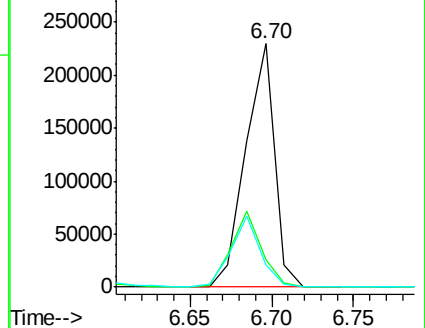
79 9.1 0.0 26.0

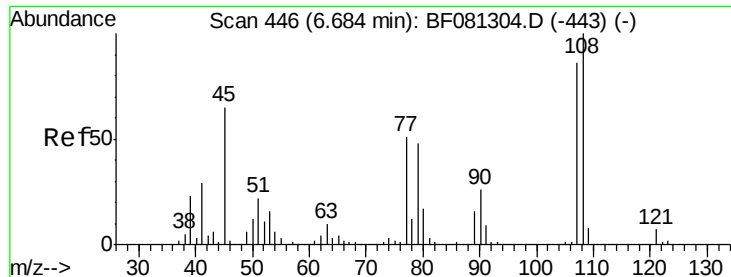


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

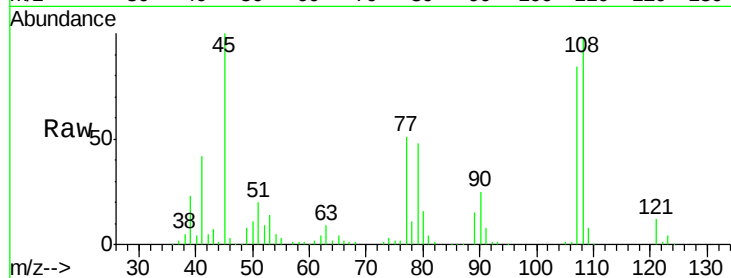




#17
2-Methylphenol
Concen: 36.77 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	116.4	96.6	145.0
77	61.0	23.3	34.9
79	57.3	22.0	33.0



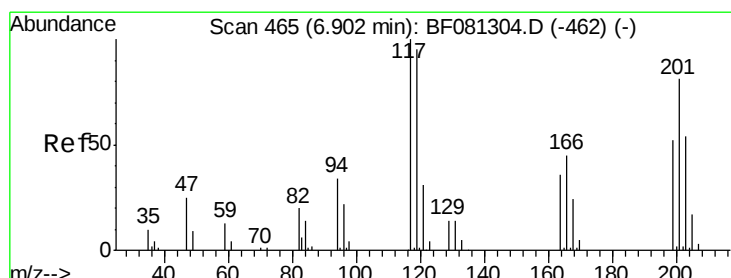
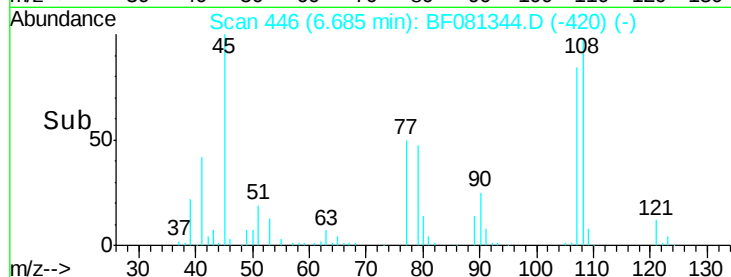
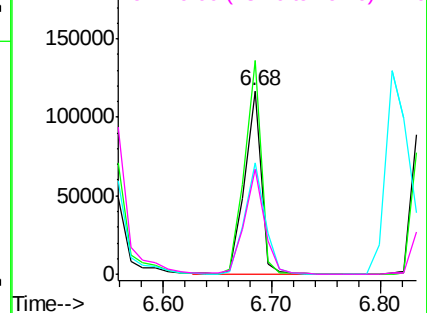
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

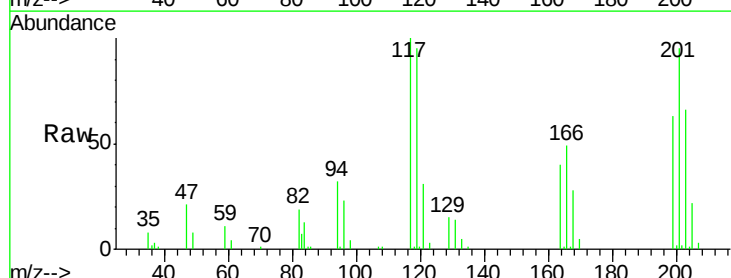
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 34.35 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	83.8	125.6
201	95.3	55.1	82.7

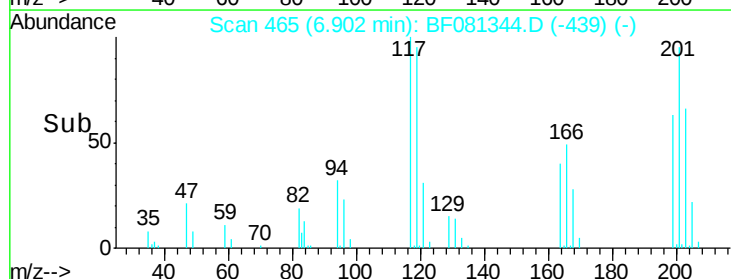
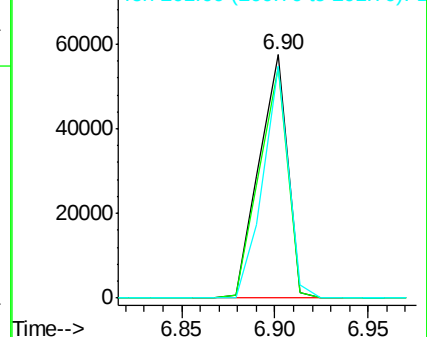


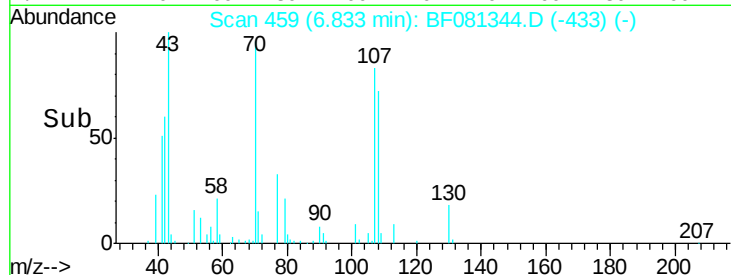
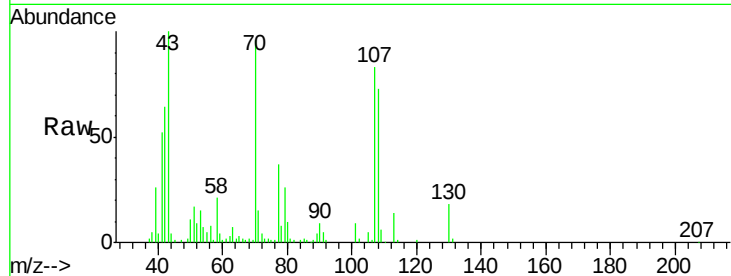
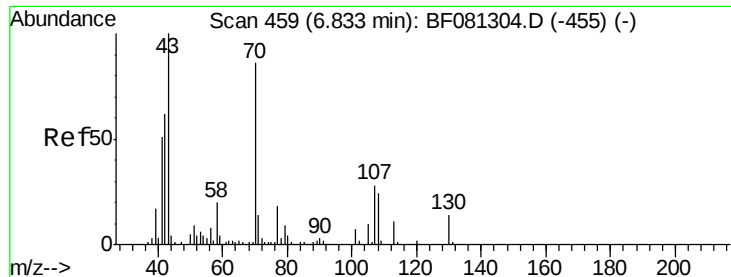
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

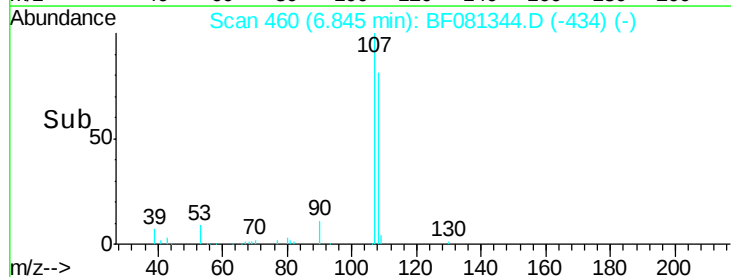
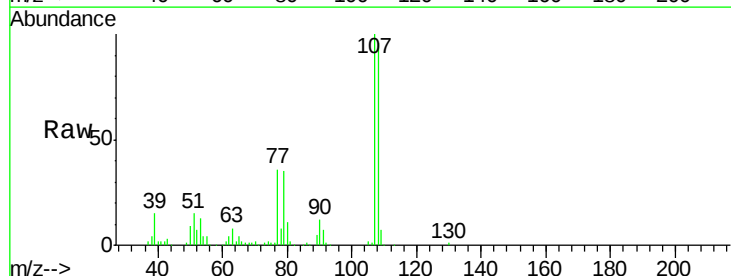
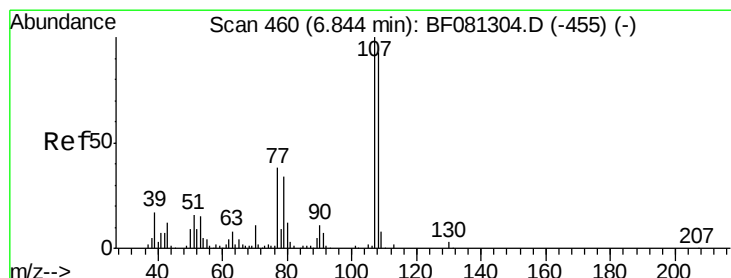
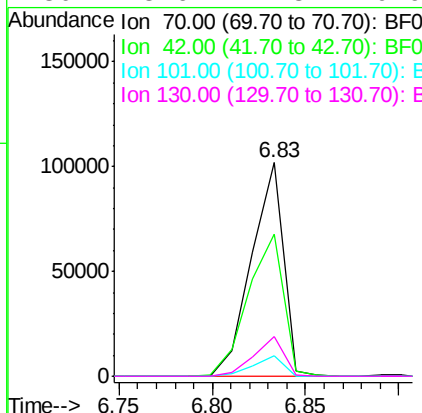




#19
n-Nitroso-di-n-propylamine
Concen: 35.51 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

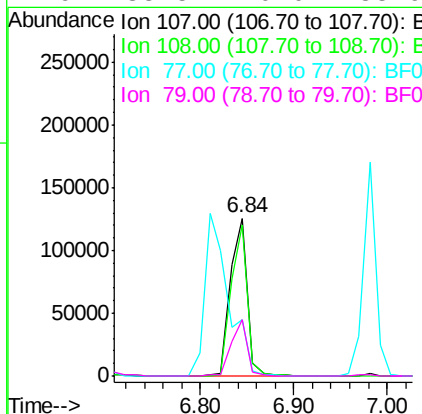
Instrument :
BNA_F
ClientSampleId :
PB85121BS

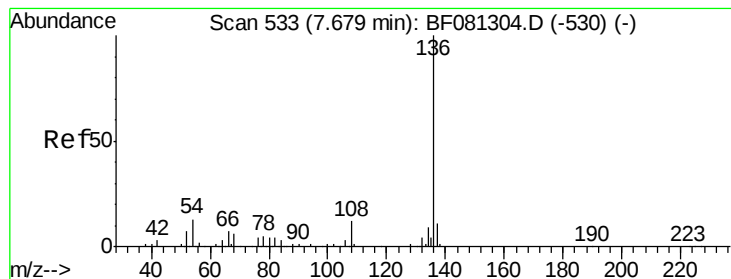
Tot Ion	Ratio	Lower	Upper
70	100		
42	66.4	63.8	95.6
101	9.5	9.2	13.8
130	18.6	27.3	40.9



#20
3+4-Methylphenols
Concen: 35.74 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.9	74.6	114.6
77	35.9	0.7	40.7
79	35.5	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Instrument :

BNA_F

ClientSampleId :

PB85121BS

Tot Ion:136 Resp: 224798

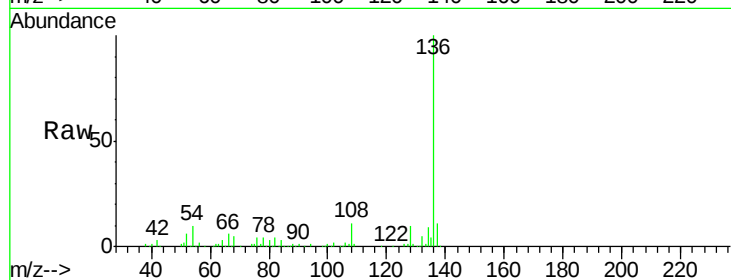
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 10.3 8.2 12.2

68 5.2 5.8 8.6#

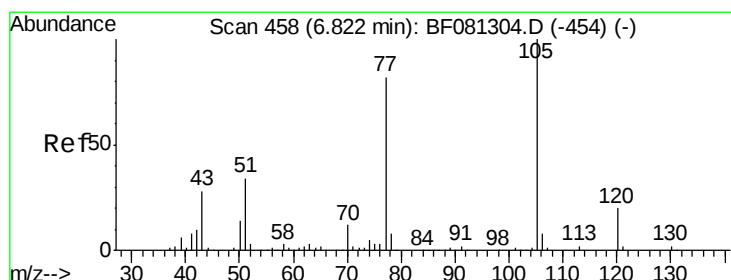
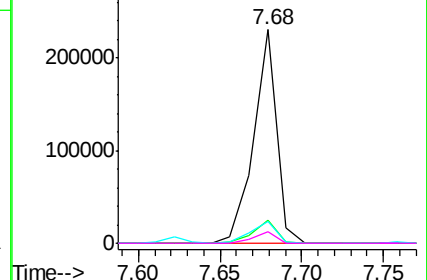
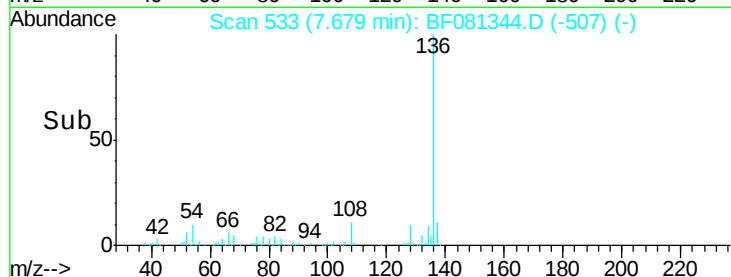


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.10 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Tgt Ion:105 Resp: 215502

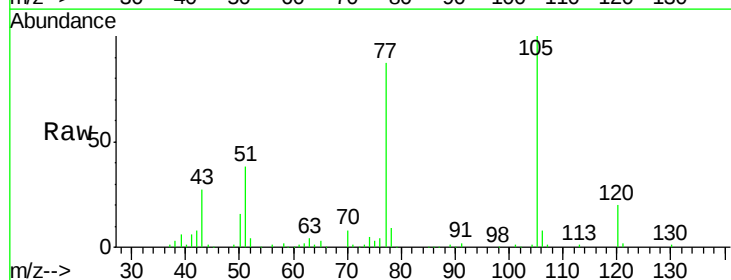
Ion Ratio Lower Upper

105 100

71 1.4 4.7 7.1#

51 38.2 22.0 33.0#

120 19.7 30.1 45.1#

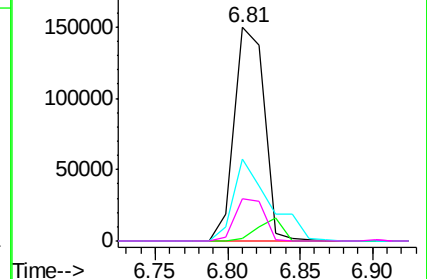
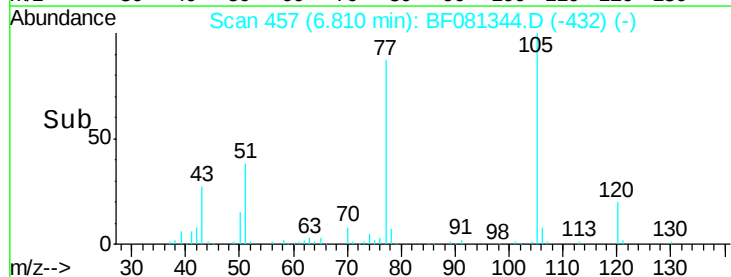


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 79.71 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Instrument :

BNA_F

ClientSampleId :

PB85121BS

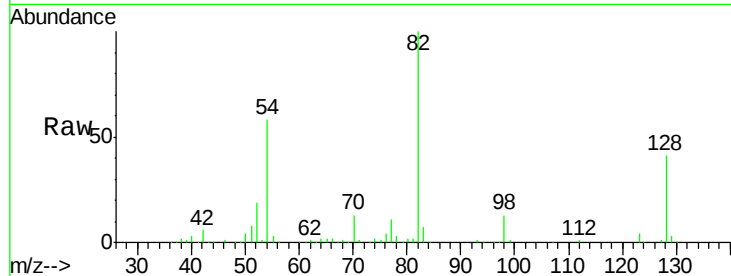
Tot Ion: 82 Resp: 371407

Ion Ratio Lower Upper

82 100

128 40.8 51.0 76.6#

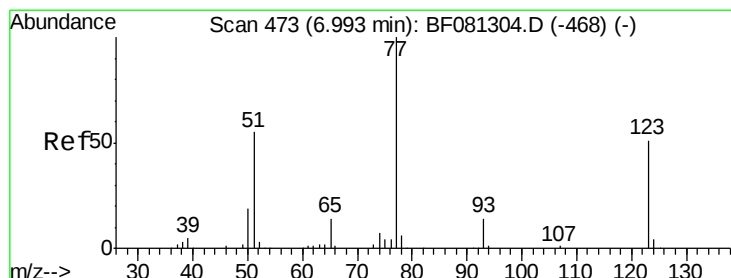
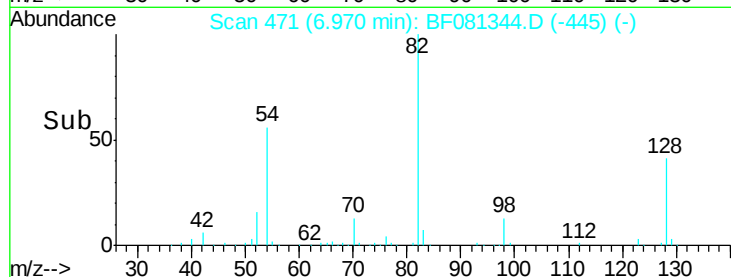
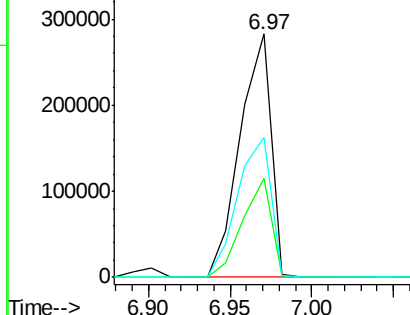
54 57.7 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 32.71 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

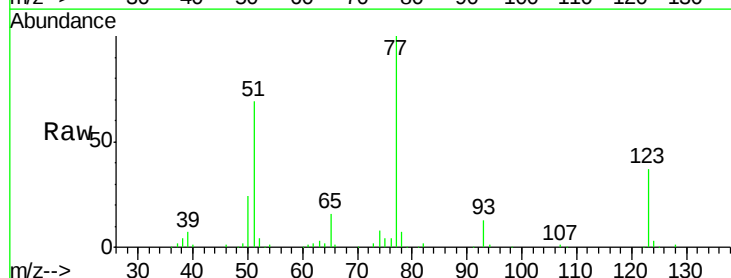
Tgt Ion: 77 Resp: 158270

Ion Ratio Lower Upper

77 100

123 37.2 59.8 89.8#

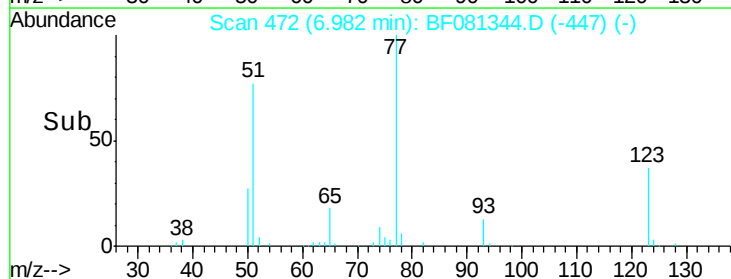
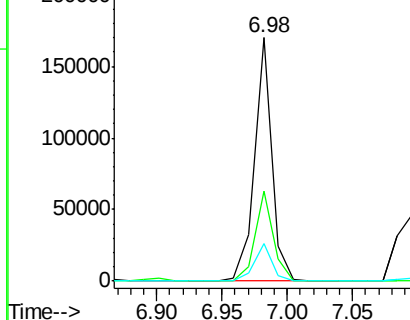
65 15.6 10.2 15.4#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.14 ng

RT: 7.23 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Instrument :

BNA_F

ClientSampleId :

PB85121BS

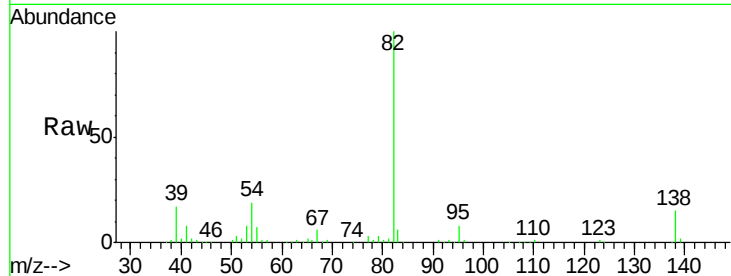
Tot Ion: 82 Resp: 295872

Ion Ratio Lower Upper

82 100

95 7.7 4.0 6.0#

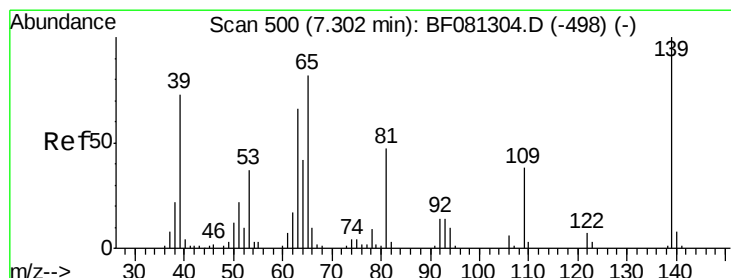
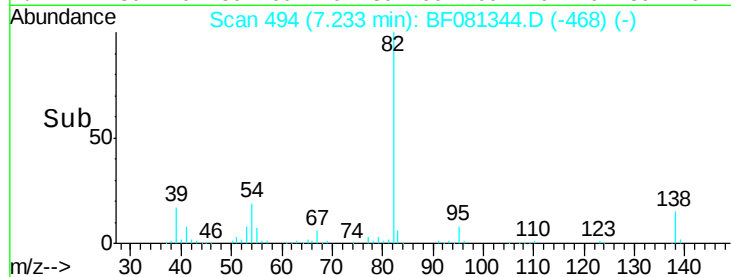
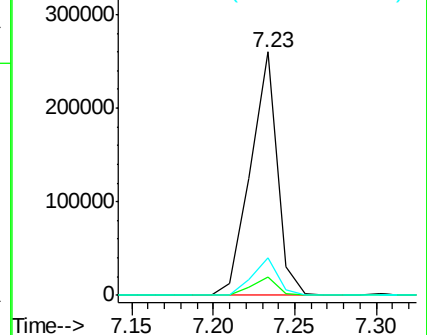
138 15.3 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 33.63 ng

RT: 7.30 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

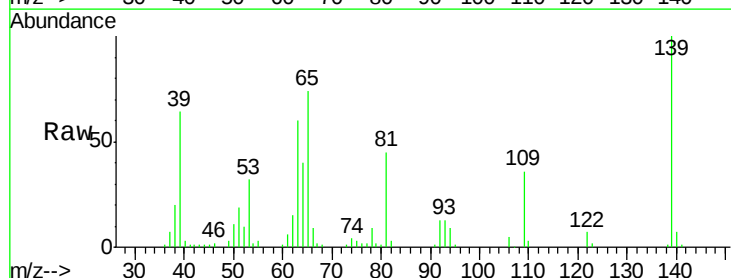
Tgt Ion: 139 Resp: 70928

Ion Ratio Lower Upper

139 100

109 35.6 11.0 16.4#

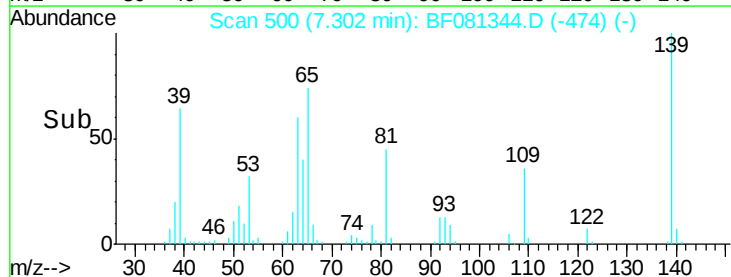
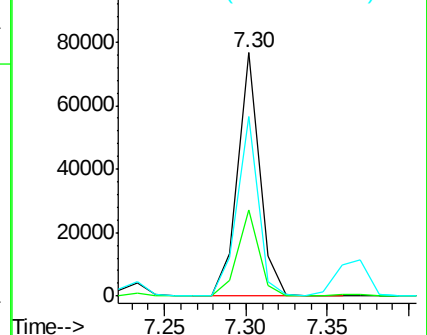
65 73.6 24.7 37.1#

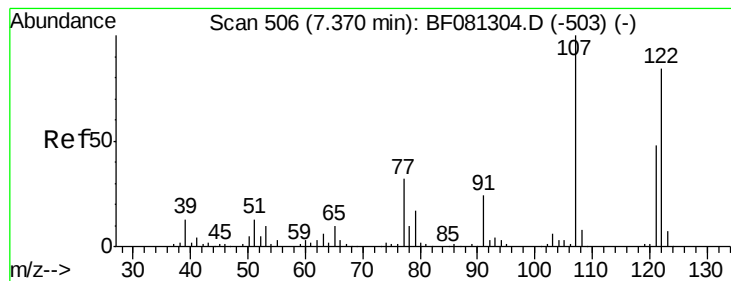


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

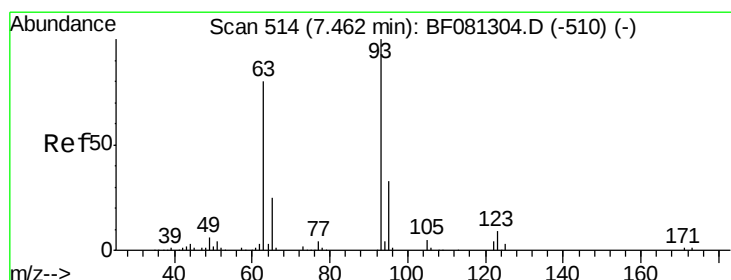
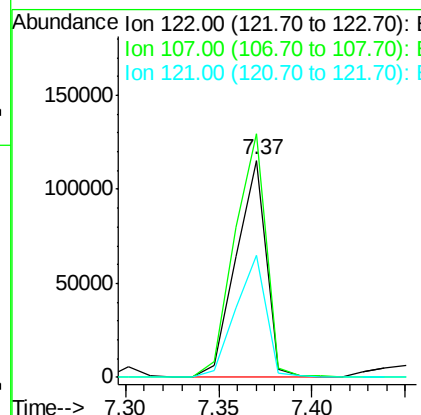
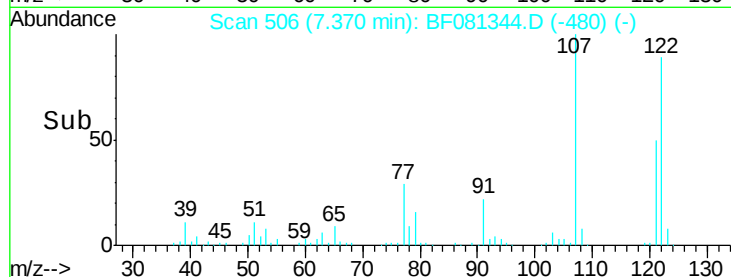
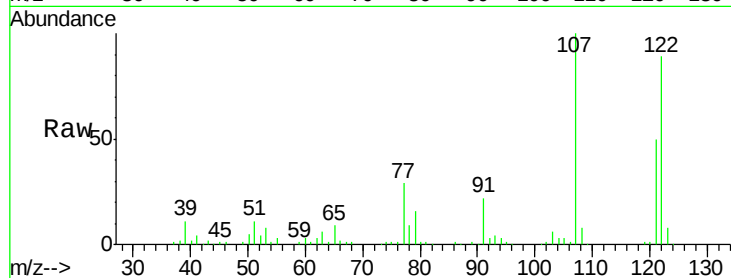




#27
 2,4-Dimethylphenol
 Concen: 36.23 ng
 RT: 7.37 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

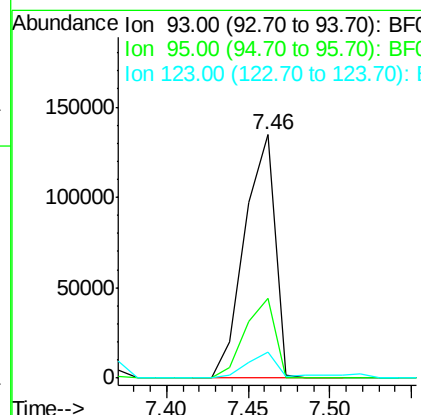
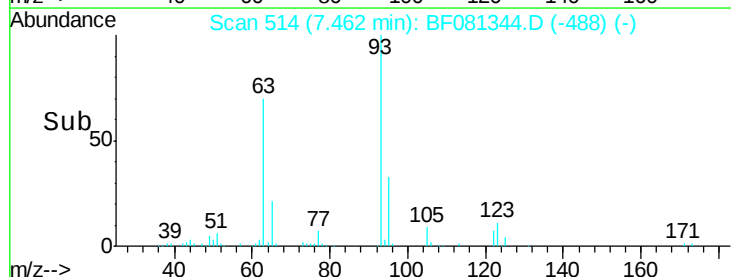
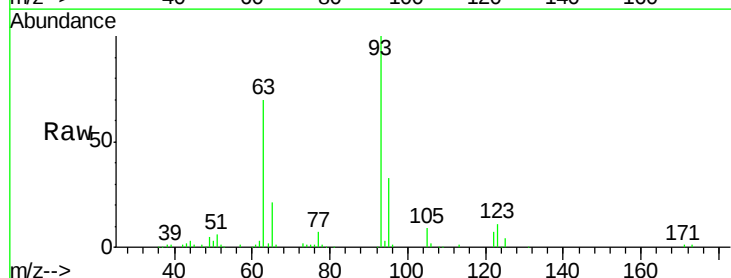
Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

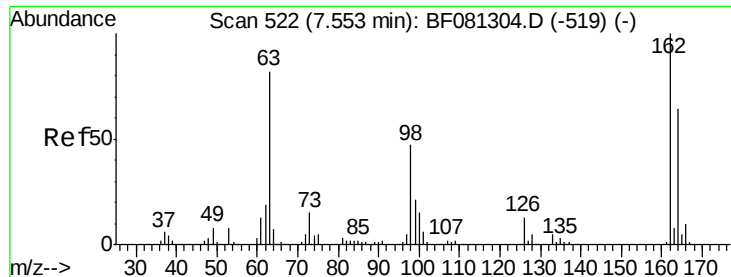
Tot Ion:122 Resp: 131984
 Ion Ratio Lower Upper
 122 100
 107 112.2 71.8 107.6#
 121 56.1 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.83 ng
 RT: 7.46 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Tgt Ion: 93 Resp: 174345
 Ion Ratio Lower Upper
 93 100
 95 32.8 27.5 41.3
 123 10.8 13.7 20.5#

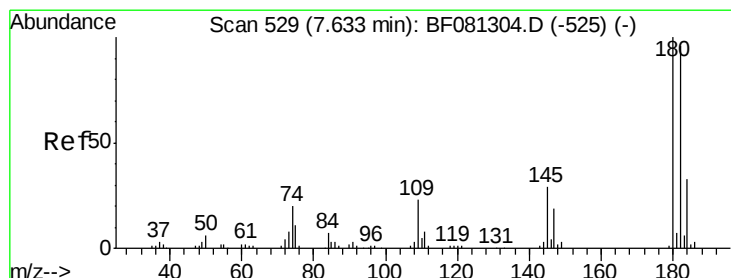
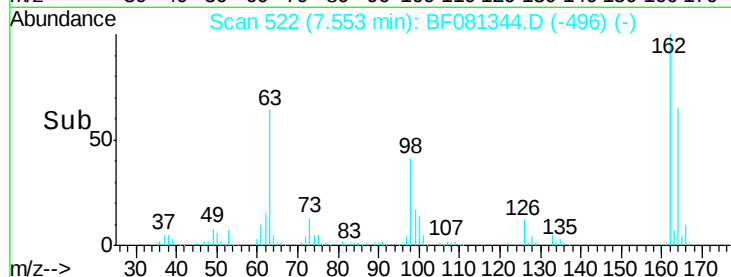
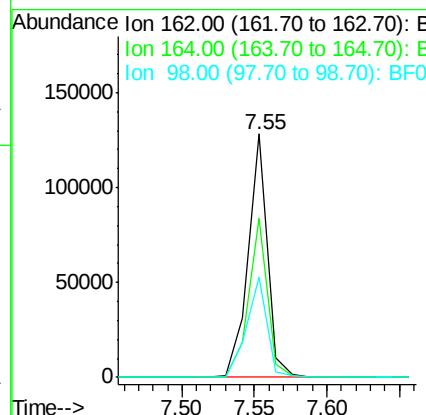
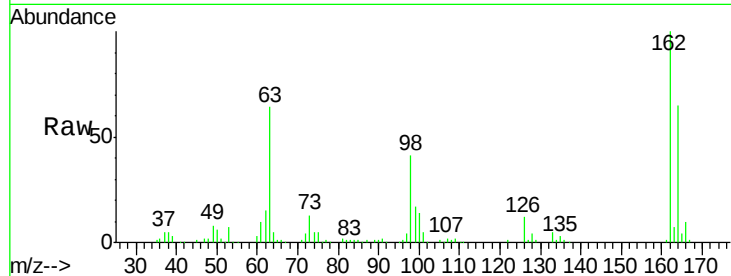




#29
 2,4-Dichlorophenol
 Concen: 37.44 ng
 RT: 7.55 min Scan# 522
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

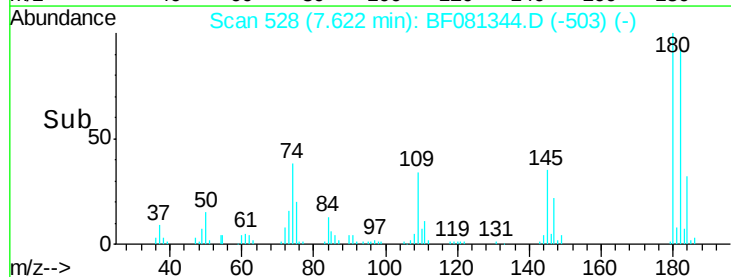
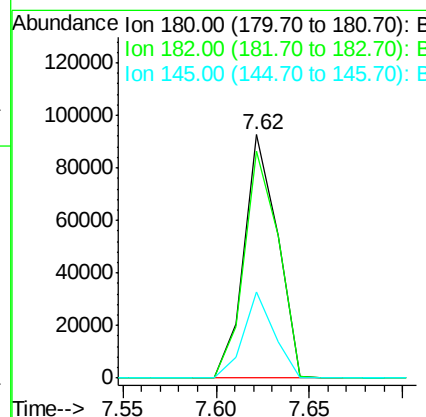
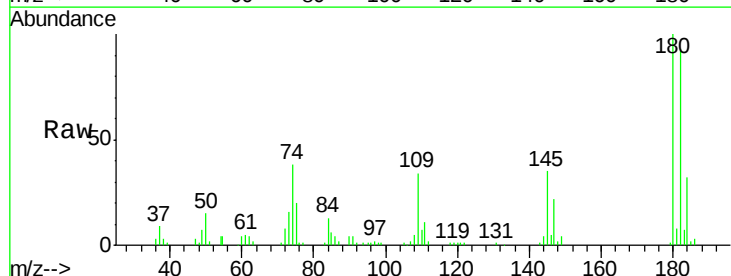
Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.9	84.9
98	41.0	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 33.57 ng
 RT: 7.62 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	77.1	115.7
145	35.3	23.3	34.9





#31

Naphthalene

Concen: 35.60 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Instrument :

BNA_F

ClientSampled :

PB85121BS

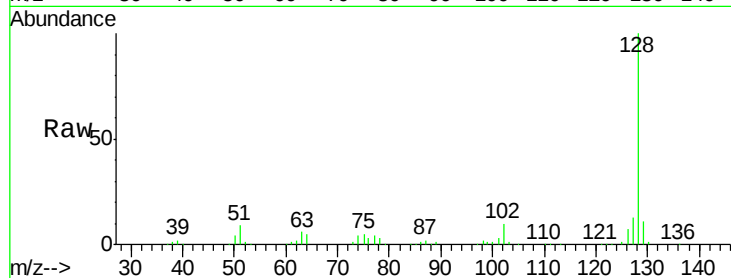
Tot Ion:128 Resp: 426798

Ion Ratio Lower Upper

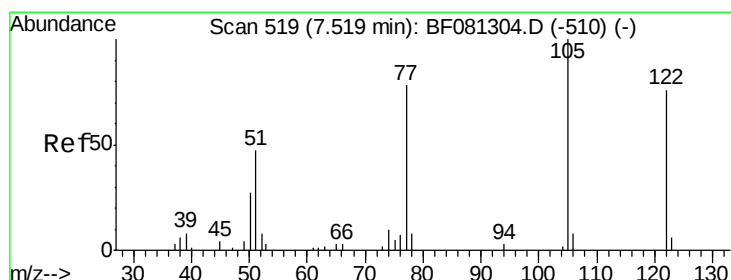
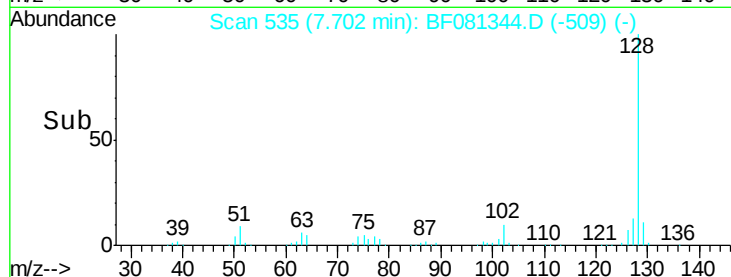
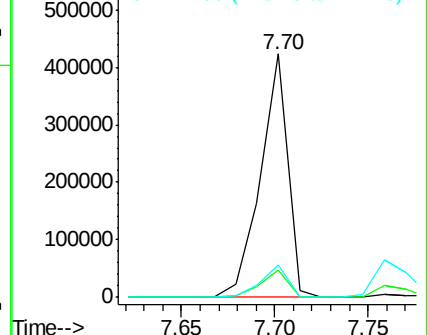
128 100

129 11.2 8.4 12.6

127 13.3 9.9 14.9



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: 33.25 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

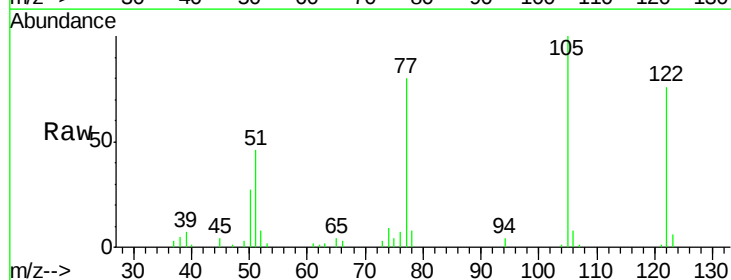
Tgt Ion:122 Resp: 84328

Ion Ratio Lower Upper

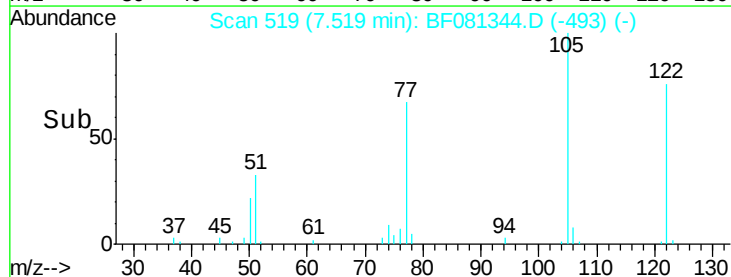
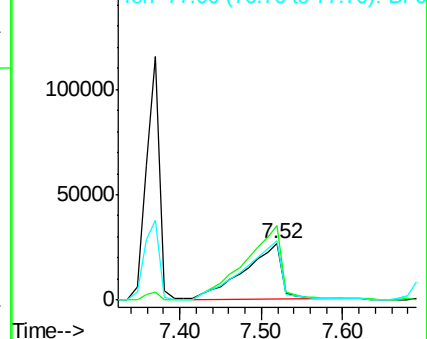
122 100

105 132.1 76.1 116.1#

77 105.1 40.5 80.5#



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

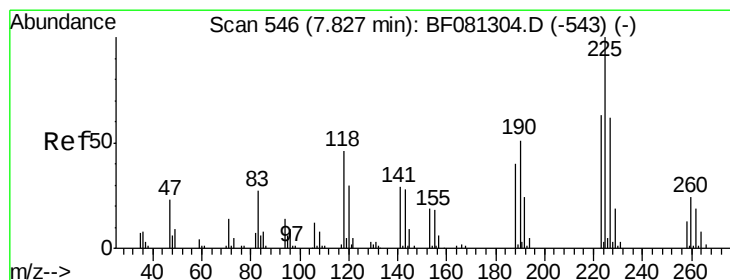
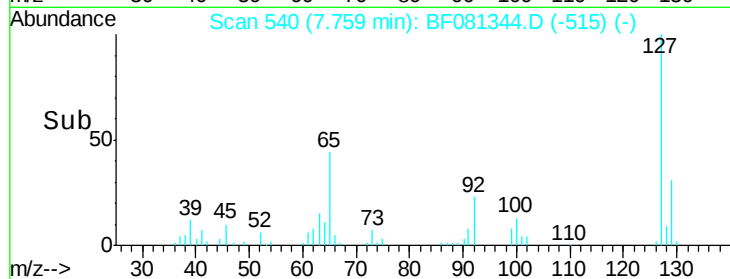
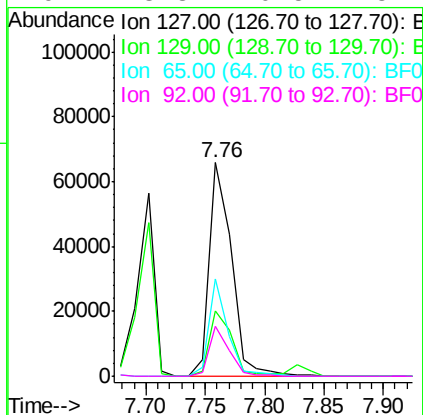
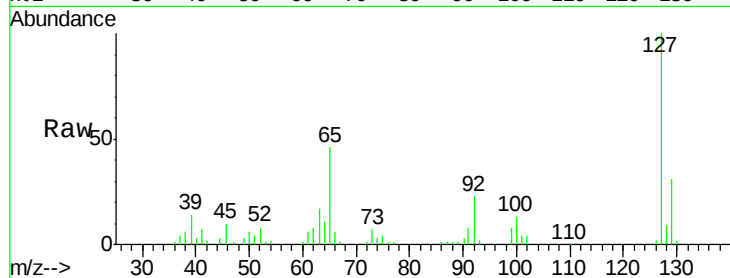




#33
4-Chloroaniline
Concen: 17.62 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

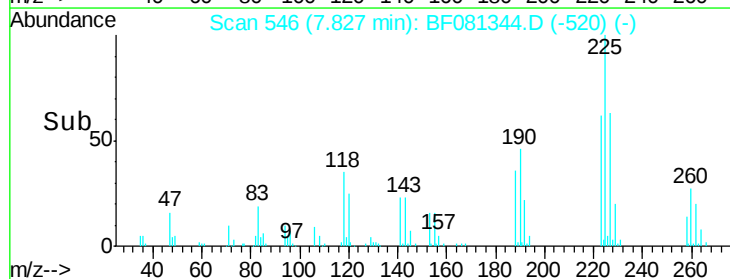
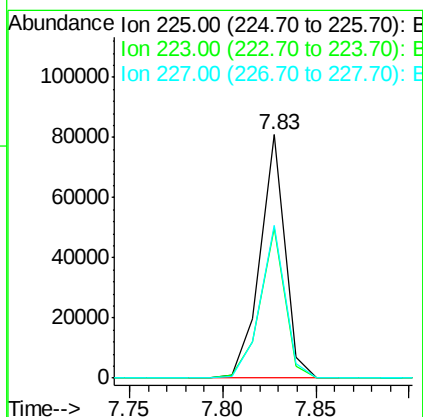
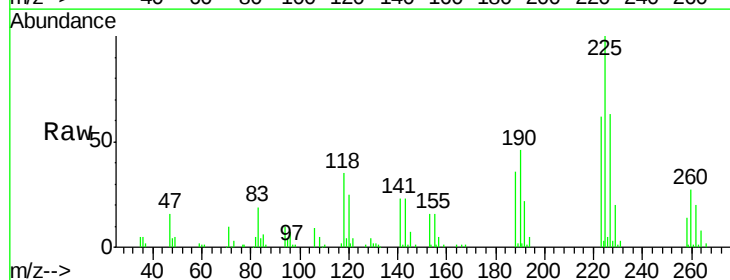
Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion:	127	Resp:	86167
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.8	38.6
65	45.5	17.9	26.9#
92	23.3	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 35.74 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Tgt Ion:	225	Resp:	74642
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.2	75.2
227	62.7	52.2	78.2

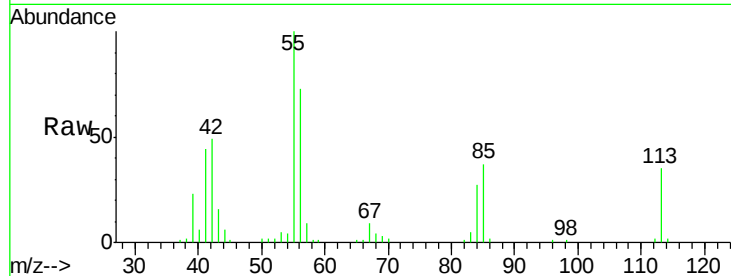




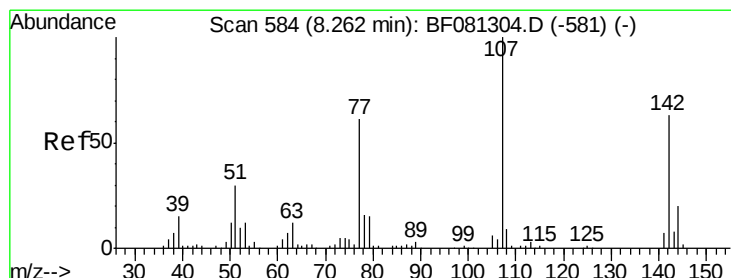
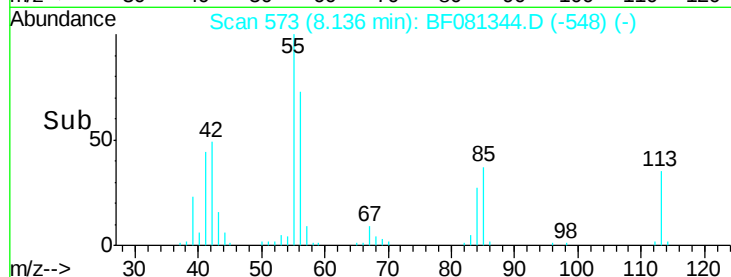
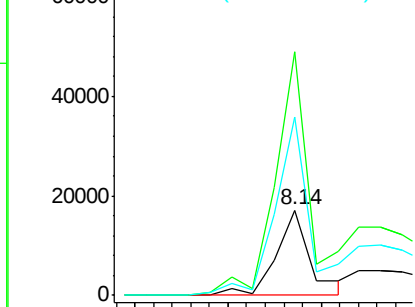
#35
 Caprolactam
 Concen: 22.44 ng
 RT: 8.14 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Tot Ion:113 Resp: 21740
 Ion Ratio Lower Upper
 113 100
 55 285.2 152.4 192.4#
 56 209.1 104.6 144.6#

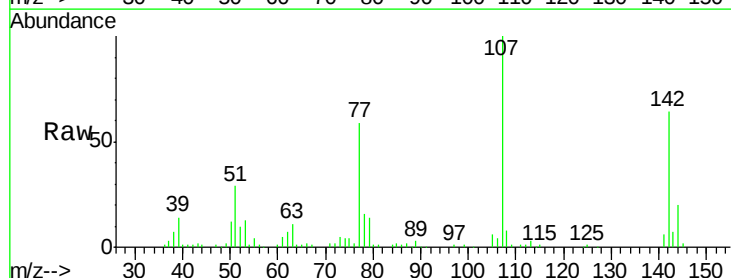


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

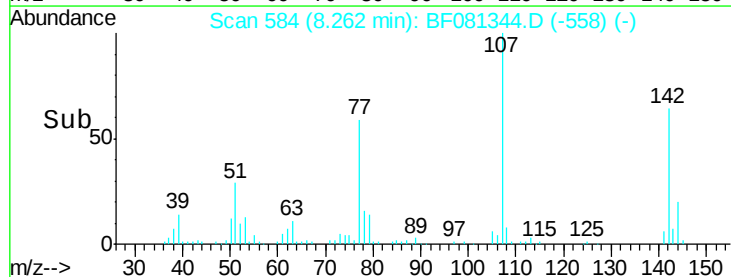
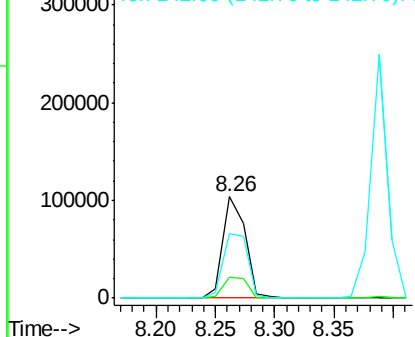


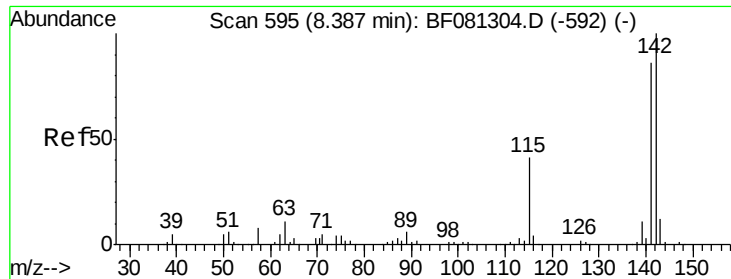
#36
 4-Chloro-3-methylphenol
 Concen: 38.30 ng
 RT: 8.26 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Tgt Ion:107 Resp: 135395
 Ion Ratio Lower Upper
 107 100
 144 20.3 25.4 38.0#
 142 63.9 77.3 115.9#



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

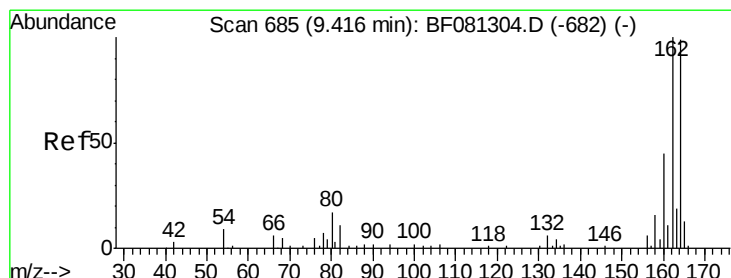
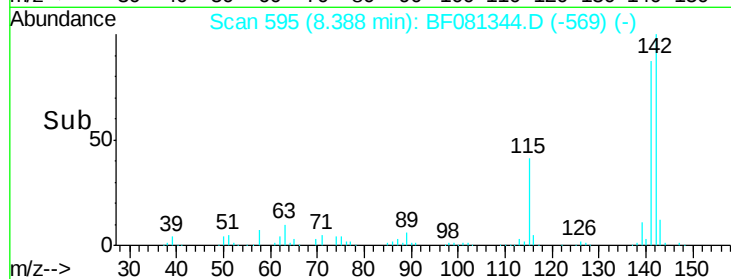
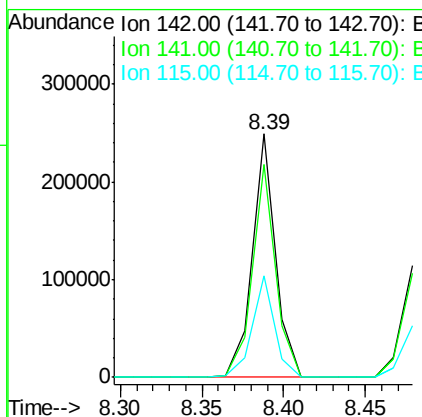
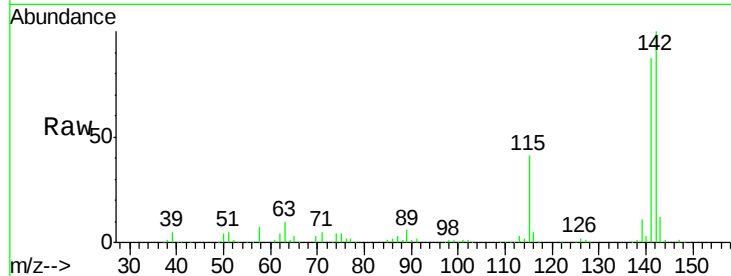




#37
 2-Methylnaphthalene
 Concen: 31.61 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

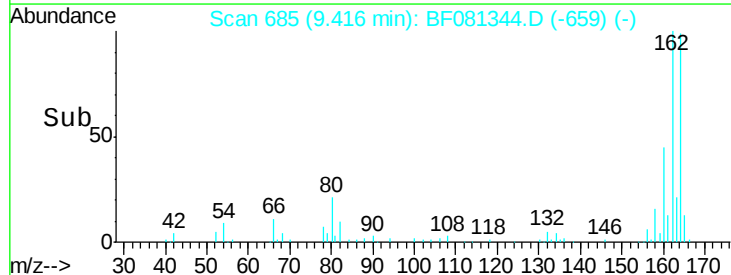
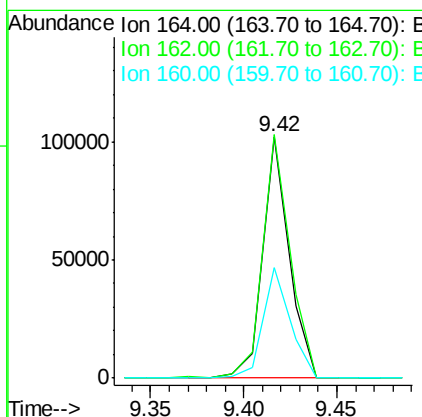
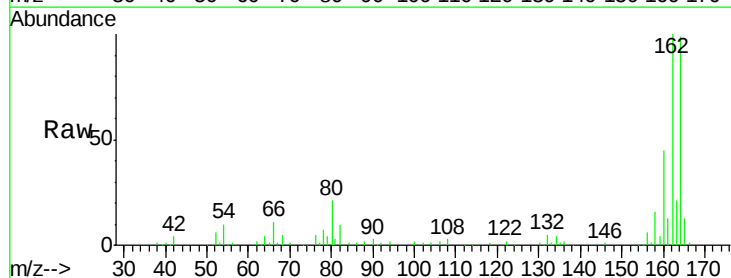
Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

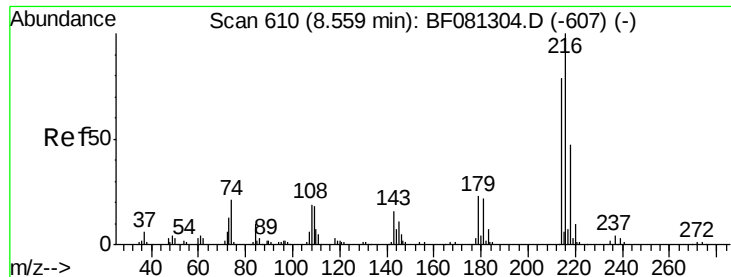
Tot Ion:142 Resp: 246621
 Ion Ratio Lower Upper
 142 100
 141 87.3 67.5 101.3
 115 41.5 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.42 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Tgt Ion:164 Resp: 99213
 Ion Ratio Lower Upper
 164 100
 162 101.0 75.2 112.8
 160 45.9 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.42 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Instrument :

BNA_F

ClientSampleId :

PB85121BS

Tot Ion:216 Resp: 120556

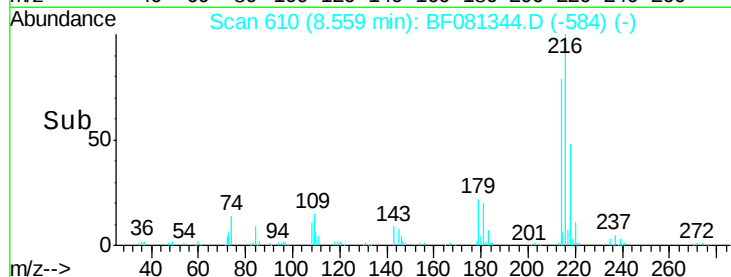
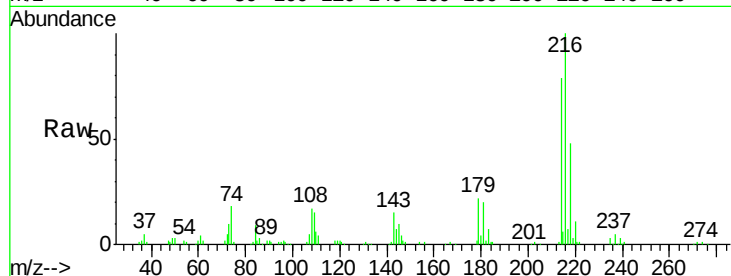
Ion Ratio Lower Upper

216 100

214 78.7 63.5 95.3

179 22.0 16.6 24.8

108 23.4 16.3 24.5

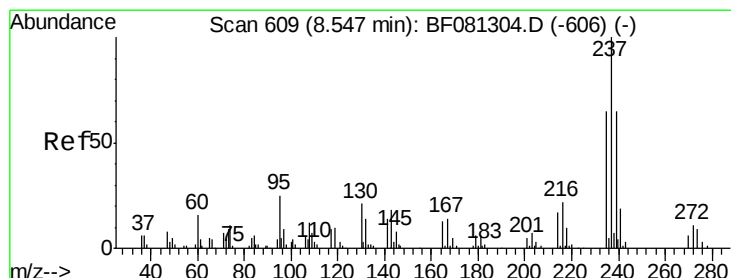
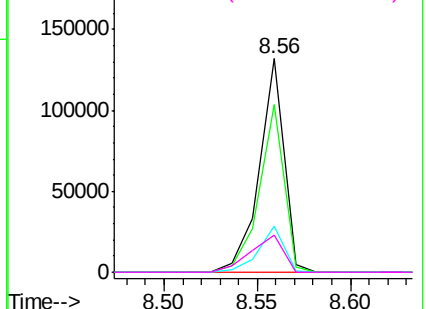


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.66 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

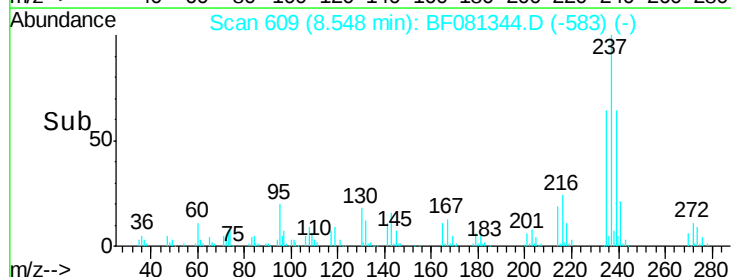
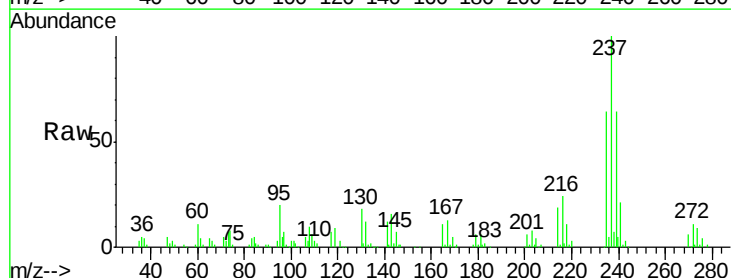
Tgt Ion:237 Resp: 130355

Ion Ratio Lower Upper

237 100

235 63.8 42.0 82.0

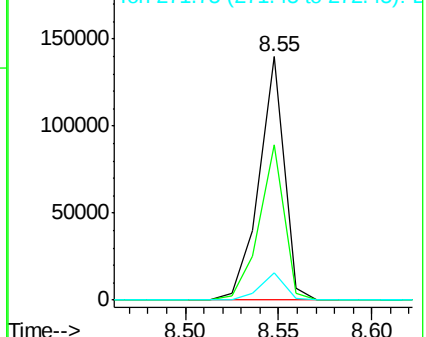
272 11.4 0.0 36.1

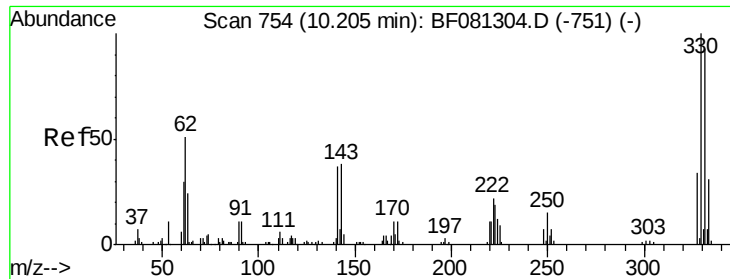


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

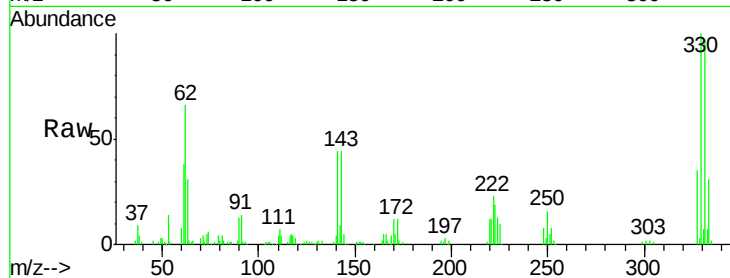




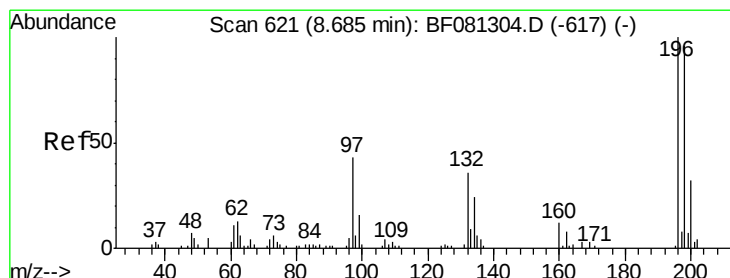
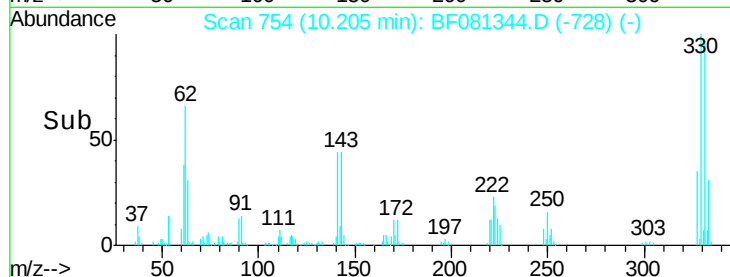
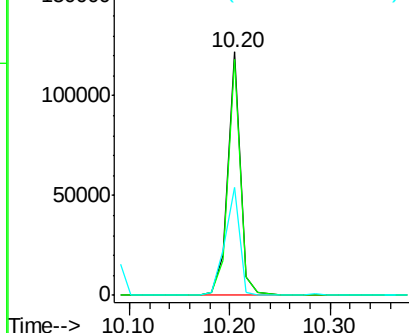
#41
 2,4,6-Tribromophenol
 Concen: 121.48 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Tot Ion:330 Resp: 107314
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 51.3 29.7 44.5#

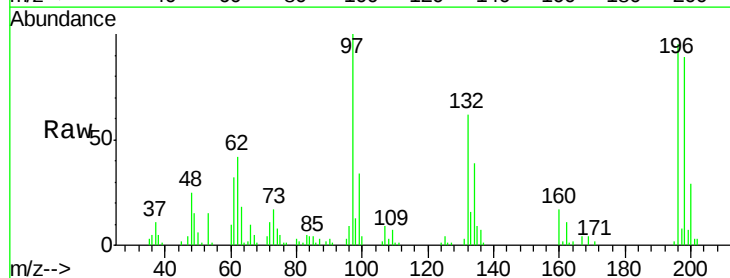


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

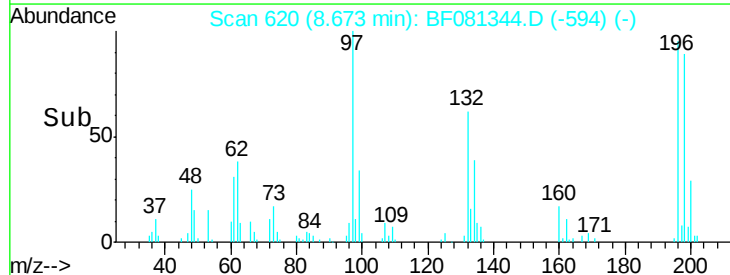
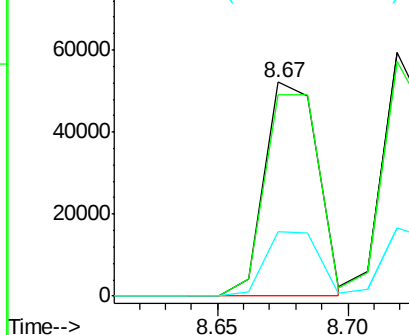


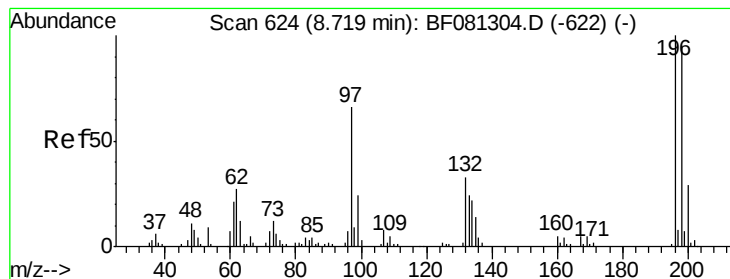
#42
 2,4,6-Trichlorophenol
 Concen: 33.95 ng
 RT: 8.67 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Tgt Ion:196 Resp: 73524
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.7 113.5
 200 30.2 23.9 35.9



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

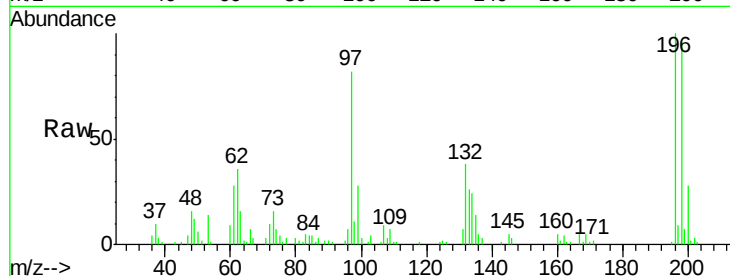




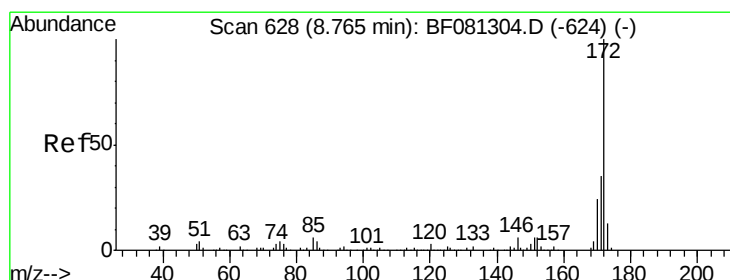
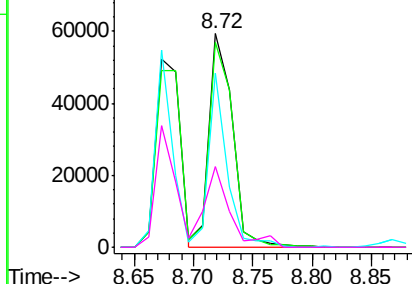
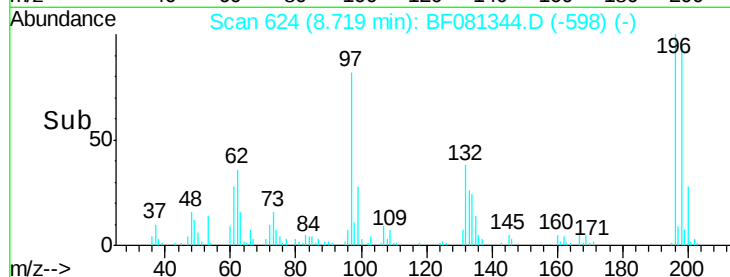
#43
 2,4,5-Trichlorophenol
 Concen: 36.67 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Tot Ion:196 Resp: 80998
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.4 113.0
 97 81.6 33.3 49.9#
 132 37.8 24.6 37.0#

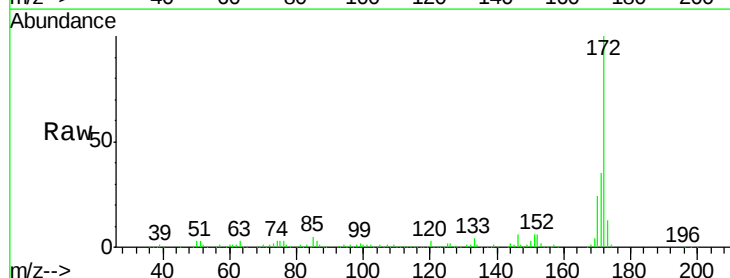


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

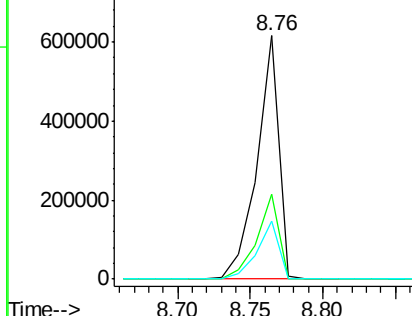
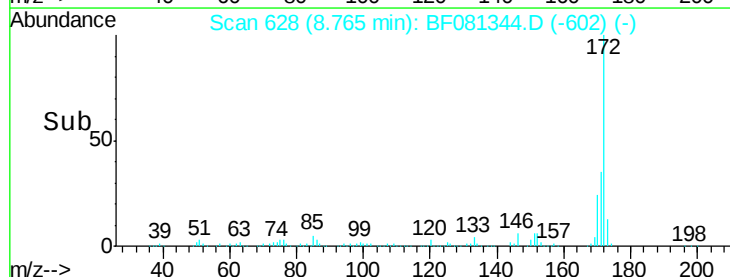


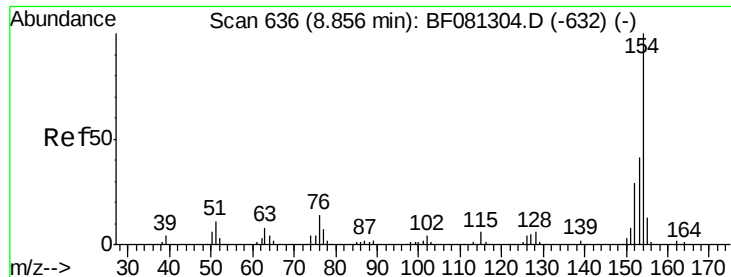
#44
 2-Fluorobiphenyl
 Concen: 82.65 ng
 RT: 8.76 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Tgt Ion:172 Resp: 639874
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.1 39.1
 170 23.9 17.4 26.2



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

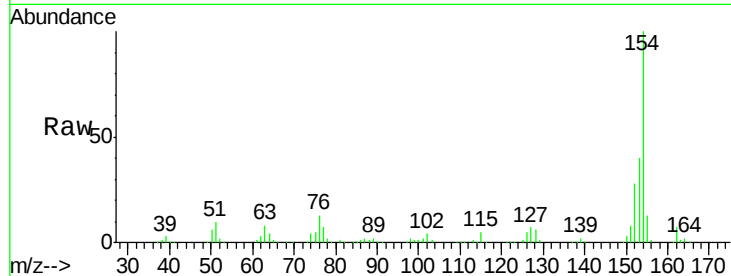




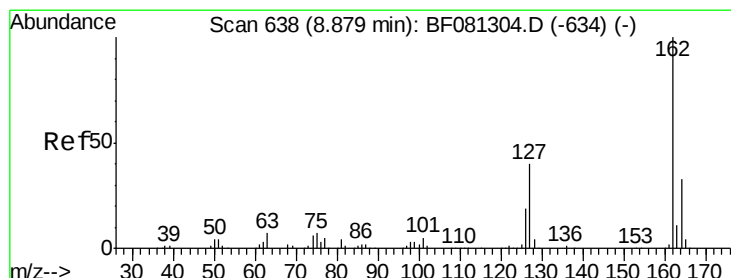
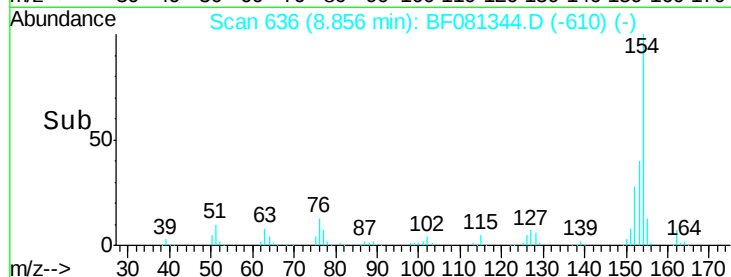
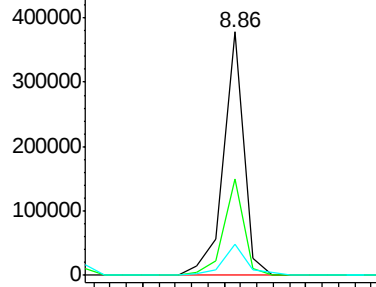
#45
 1,1'-Biphenyl
 Concen: 35.73 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Tot Ion:154 Resp: 326115
 Ion Ratio Lower Upper
 154 100
 153 39.7 17.1 57.1
 76 12.6 0.0 31.6

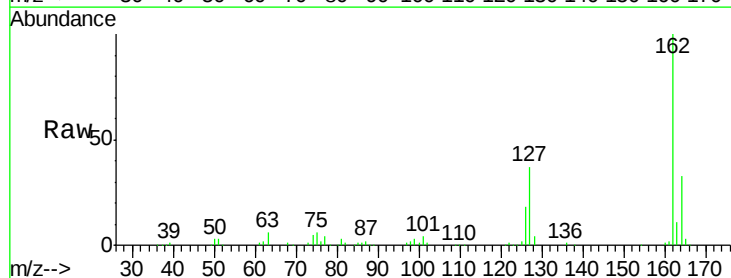


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

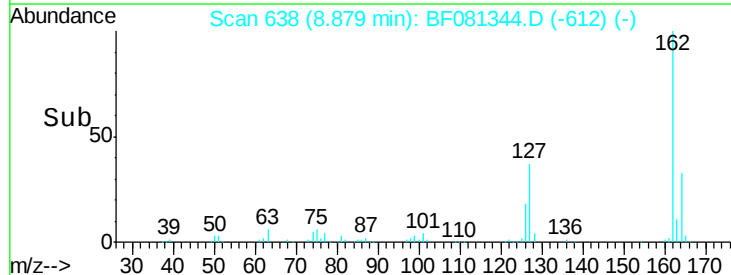
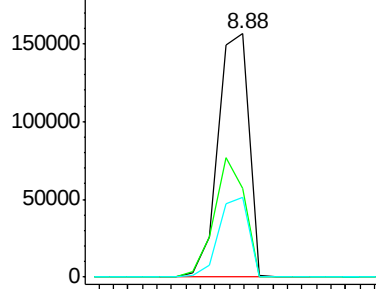


#46
 2-Chloronaphthalene
 Concen: 34.86 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Tgt Ion:162 Resp: 229789
 Ion Ratio Lower Upper
 162 100
 127 36.6 27.6 41.4
 164 33.0 25.4 38.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

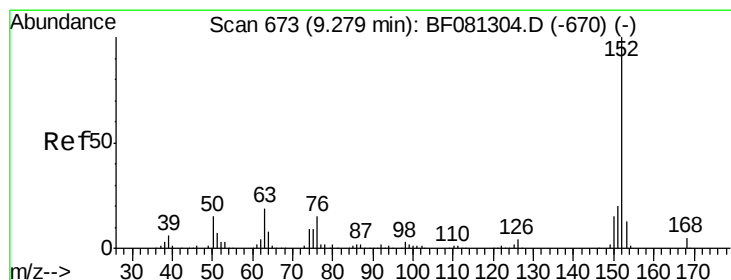
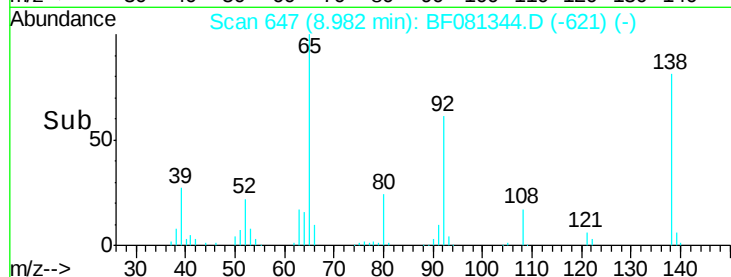
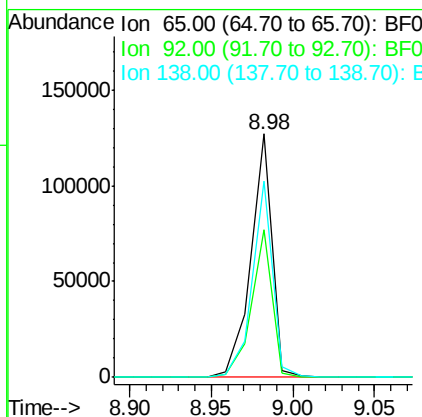
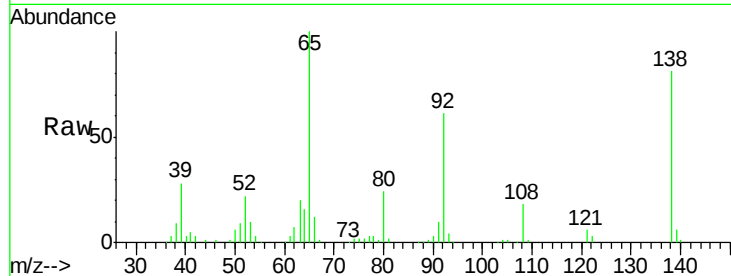




#47
2-Nitroaniline
Concen: 42.52 ng
RT: 8.98 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

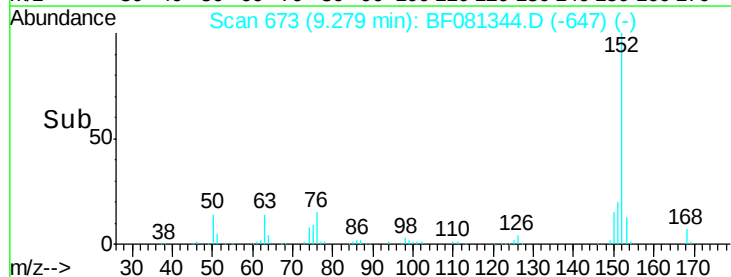
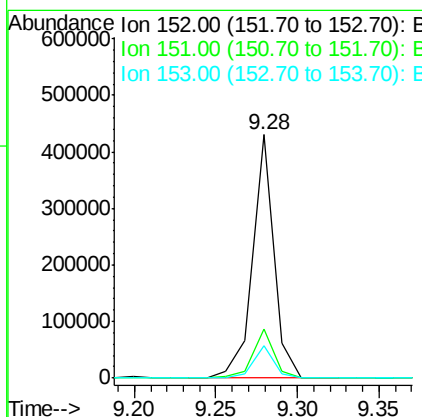
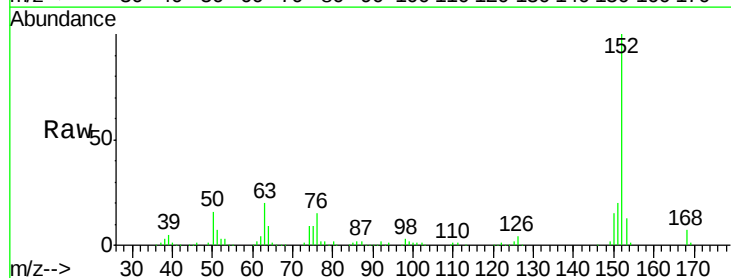
Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion: 65 Resp: 114225
Ion Ratio Lower Upper
65 100
92 60.8 55.4 83.0
138 80.8 115.5 173.3#



#48
Acenaphthylene
Concen: 33.46 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Tgt Ion: 152 Resp: 391242
Ion Ratio Lower Upper
152 100
151 20.3 14.6 22.0
153 13.2 10.3 15.5

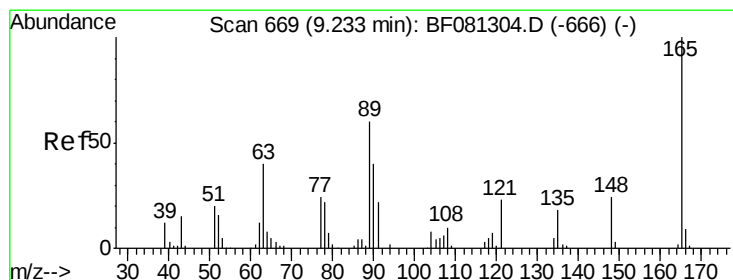
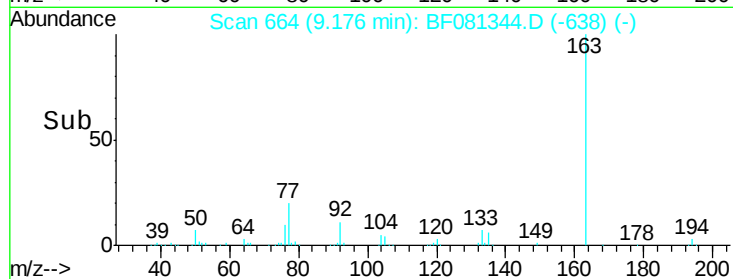
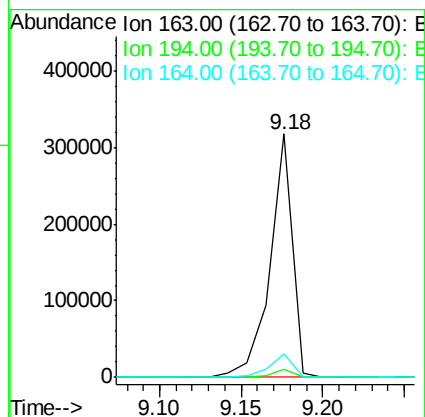
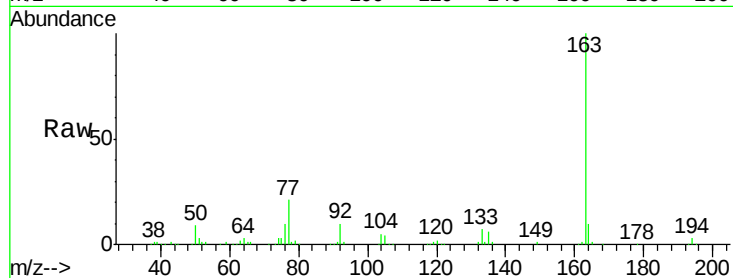




#49
Dimethylphthalate
Concen: 39.36 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

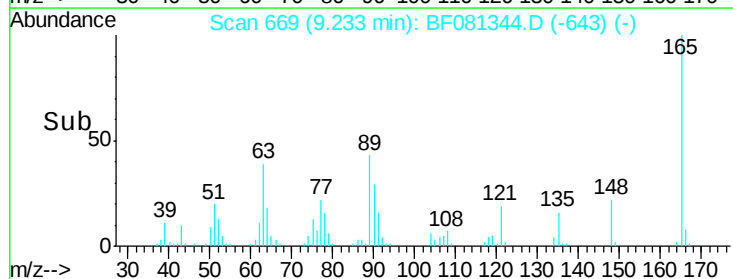
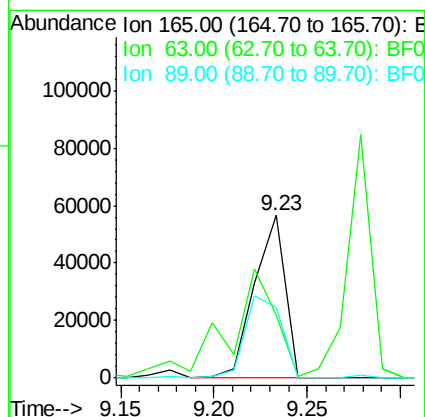
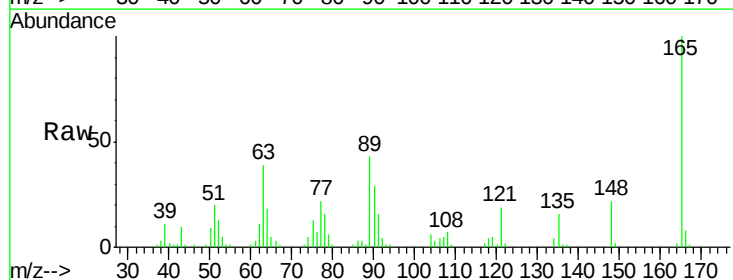
Instrument :
BNA_F
ClientSampleId :
PB85121BS

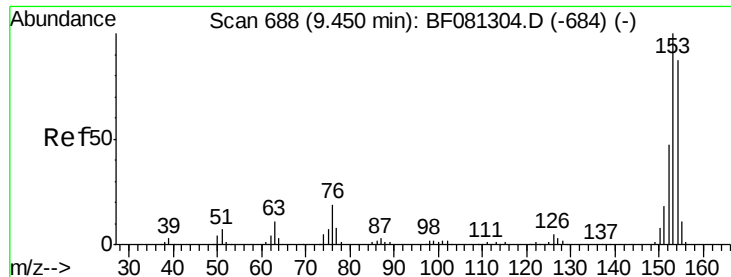
Tot Ion:163 Resp: 303403
Ion Ratio Lower Upper
163 100
194 3.3 4.4 6.6#
164 9.9 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 36.87 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Tgt Ion:165 Resp: 64510
Ion Ratio Lower Upper
165 100
63 39.2 32.3 48.5
89 43.4 28.6 43.0#





#51

Acenaphthene

Concen: 34.38 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Instrument :

BNA_F

ClientSampleId :

PB85121BS

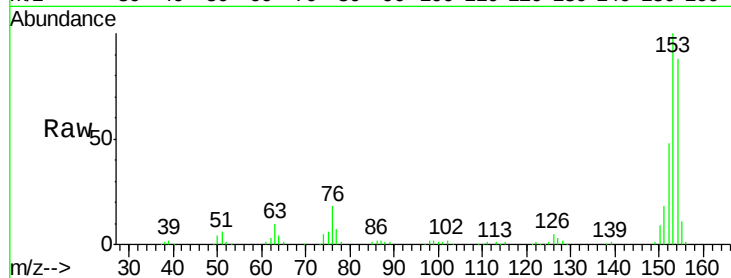
Tot Ion:154 Resp: 228703

Ion Ratio Lower Upper

154 100

153 113.2 82.1 123.1

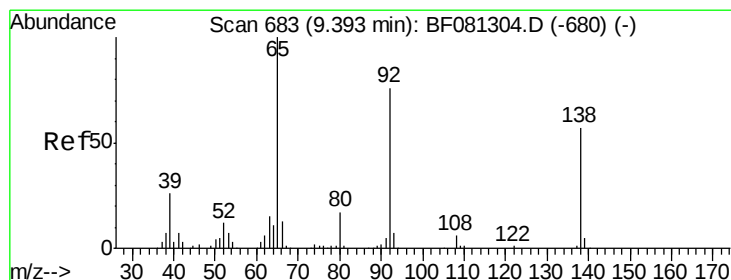
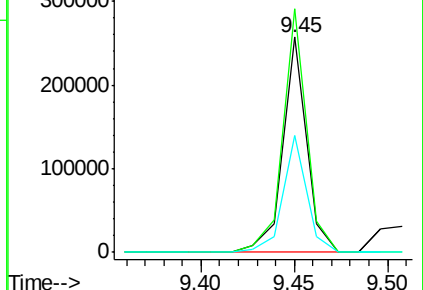
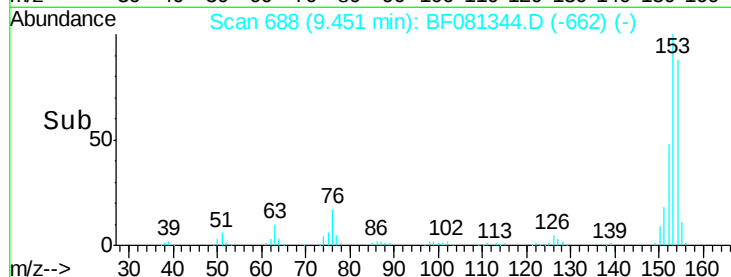
152 54.5 37.9 56.9



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: 26.57 ng

RT: 9.39 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

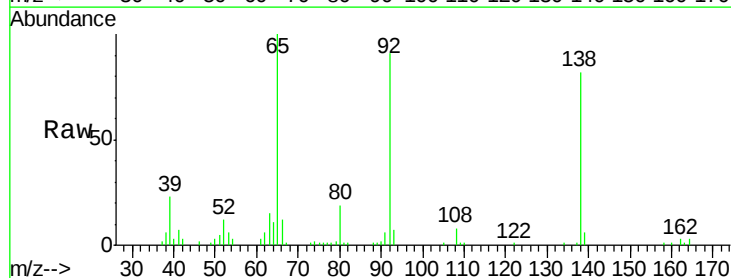
Tgt Ion:138 Resp: 52921

Ion Ratio Lower Upper

138 100

108 9.9 5.7 8.5#

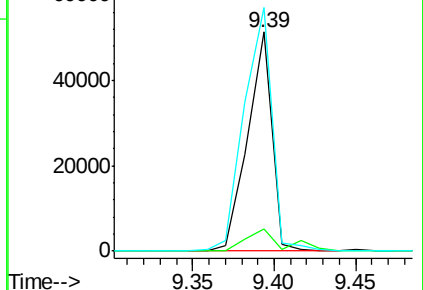
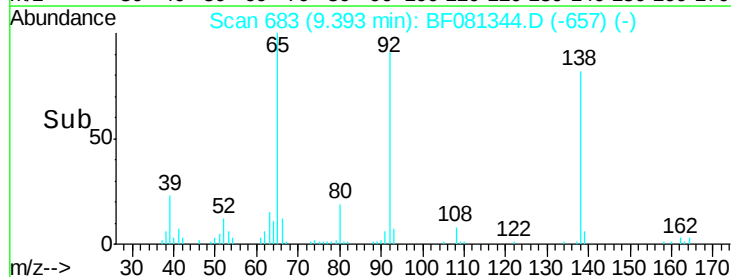
92 111.3 67.7 101.5#

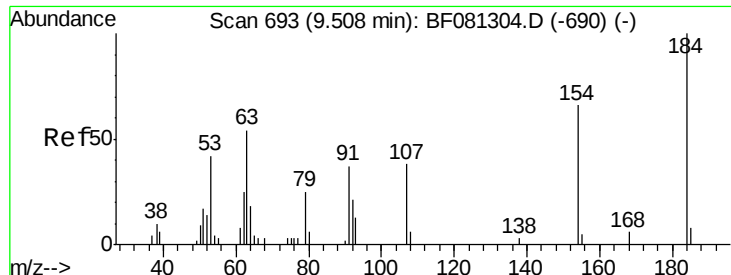


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

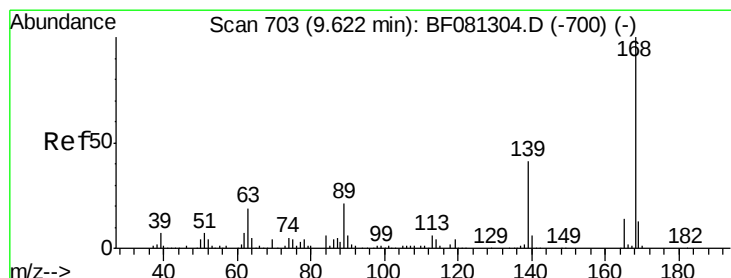
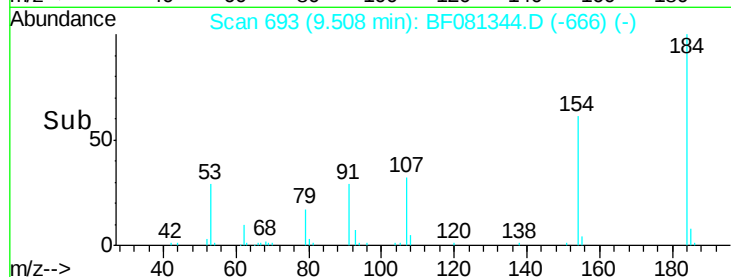
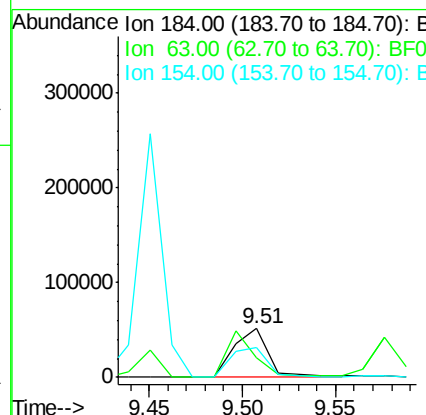
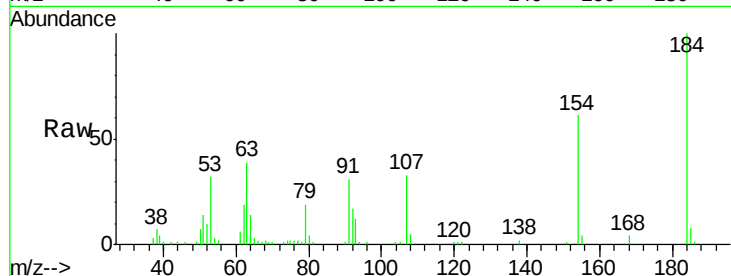




#53
 2,4-Dinitrophenol
 Concen: 89.84 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.01 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

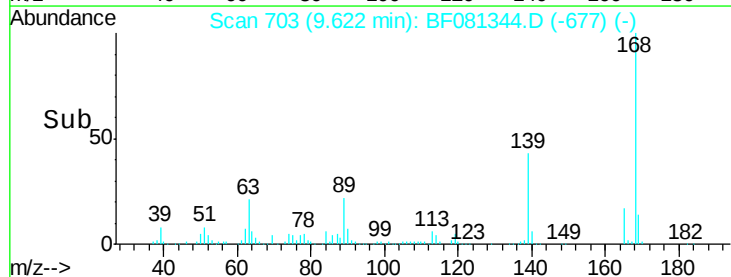
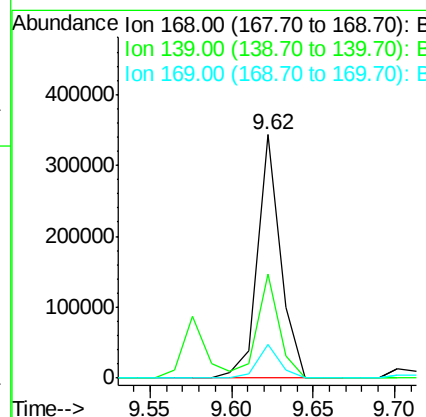
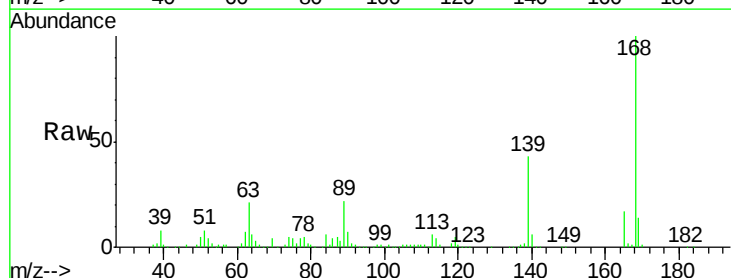
Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

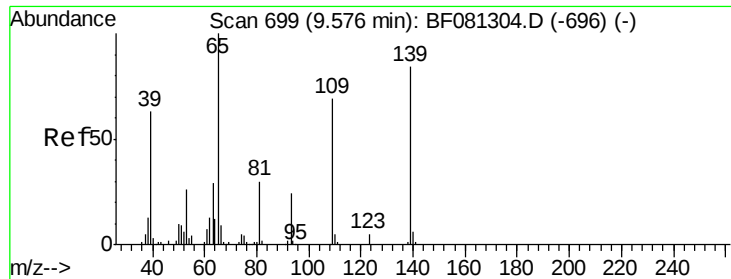
Tot Ion:184 Resp: 66202
 Ion Ratio Lower Upper
 184 100
 63 39.3 35.4 53.2
 154 60.8 32.2 48.4#



#54
 Dibenzofuran
 Concen: 34.61 ng
 RT: 9.62 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Tgt Ion:168 Resp: 336240
 Ion Ratio Lower Upper
 168 100
 139 43.0 24.2 36.2#
 169 13.7 10.6 15.8

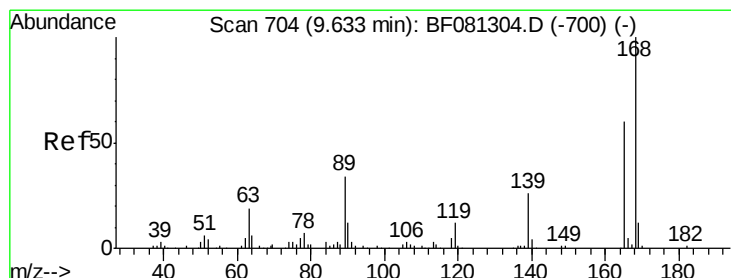
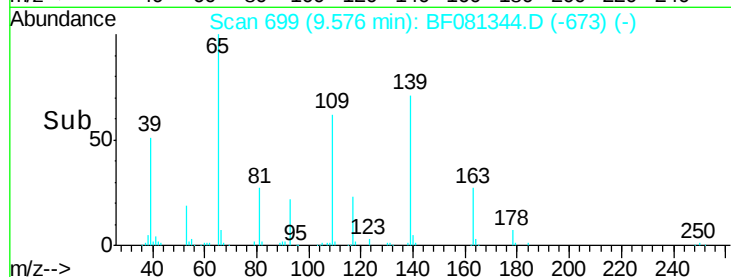
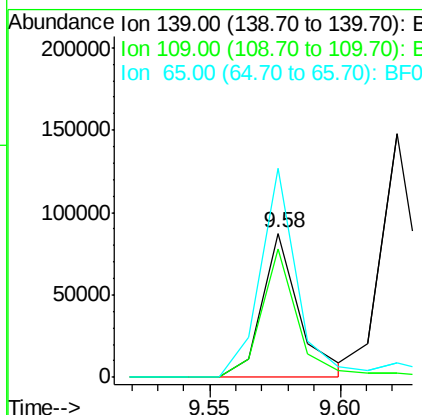
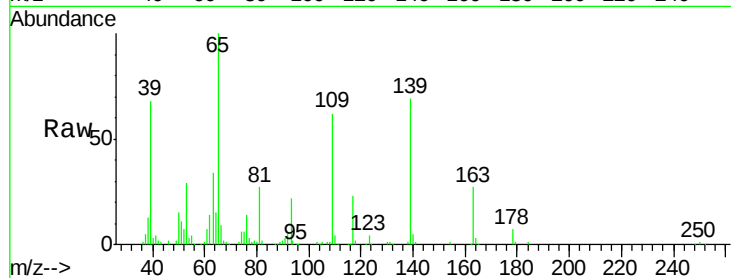




#55
4-Nitrophenol
Concen: 70.16 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

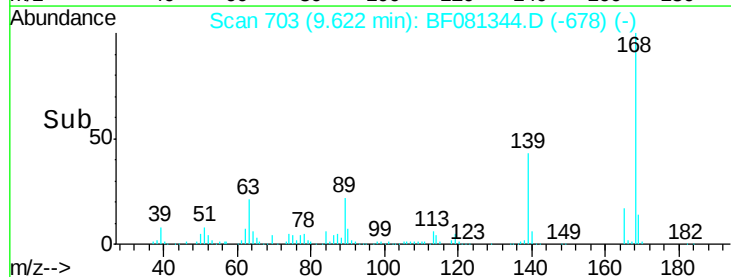
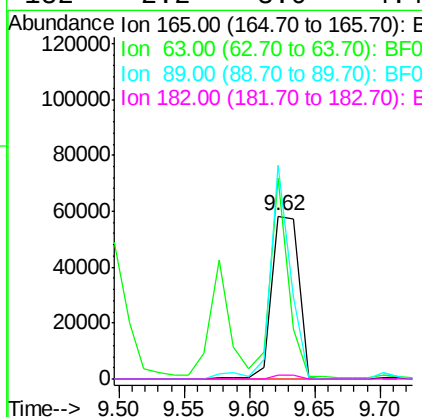
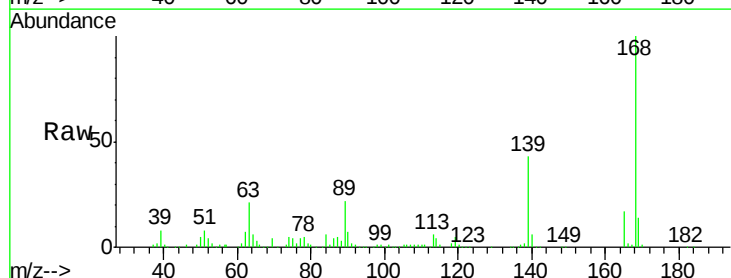
Instrument :
BNA_F
ClientSampleId :
PB85121BS

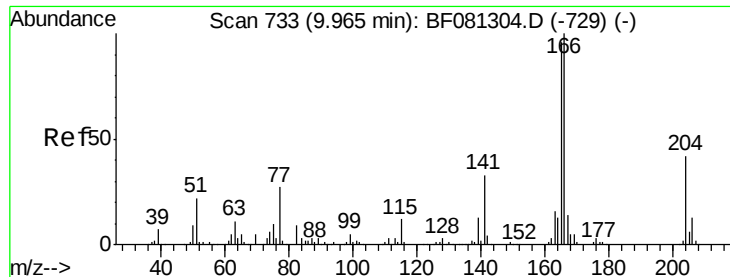
Tot Ion:139 Resp: 87794
Ion Ratio Lower Upper
139 100
109 89.3 12.7 52.7#
65 145.1 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 37.28 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Tgt Ion:165 Resp: 83050
Ion Ratio Lower Upper
165 100
63 123.8 29.8 44.6#
89 131.3 44.5 66.7#
182 2.2 3.0 4.4#





#57

Fluorene

Concen: 41.35 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Instrument :

BNA_F

ClientSampled :

PB85121BS

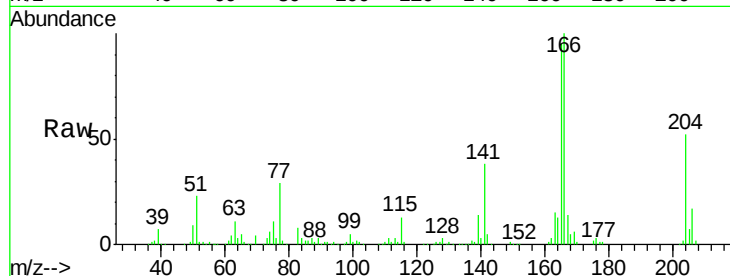
Tot Ion:166 Resp: 304795

Ion Ratio Lower Upper

166 100

165 95.1 72.6 109.0

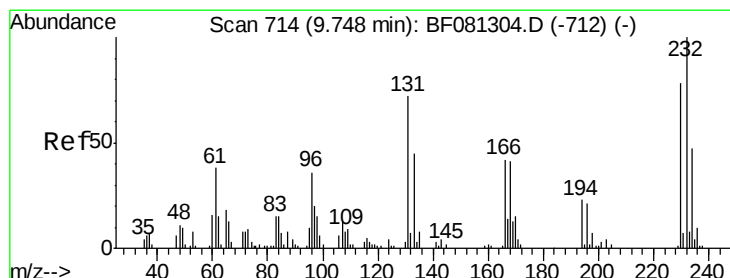
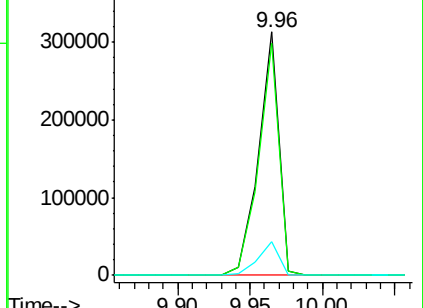
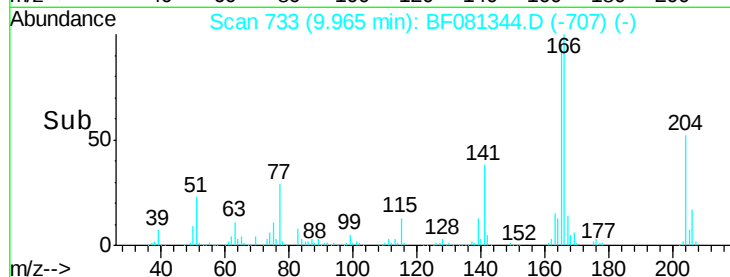
167 13.6 10.6 16.0



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: 41.75 ng

RT: 9.75 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Tgt Ion:232 Resp: 70425

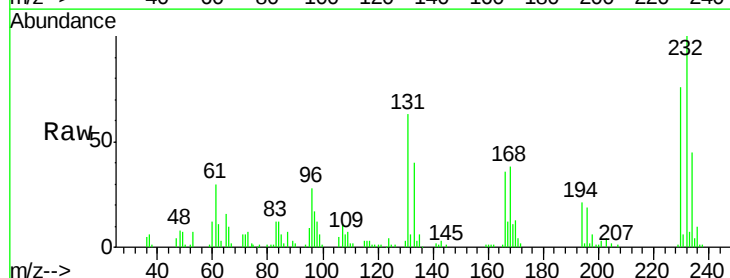
Ion Ratio Lower Upper

232 100

131 55.1 38.5 57.7

130 2.5 1.8 2.6

166 31.4 25.0 37.6

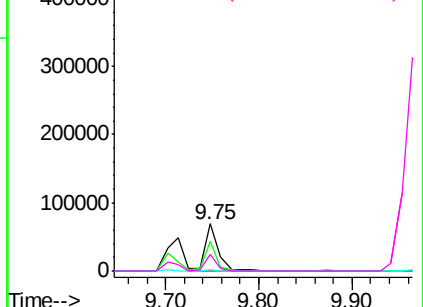
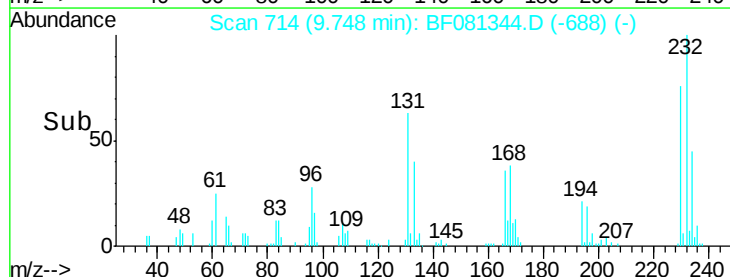


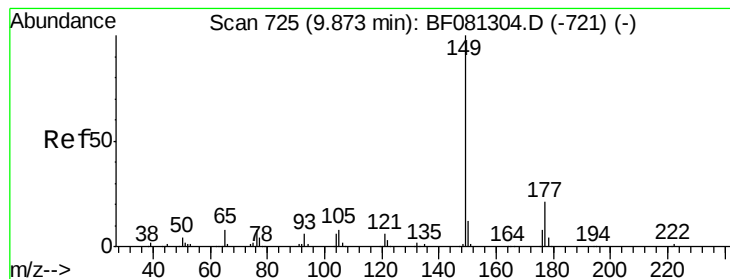
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.40 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Instrument :

BNA_F

ClientSampleId :

PB85121BS

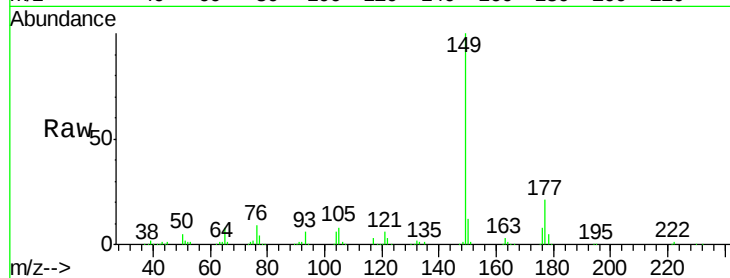
Tot Ion:149 Resp: 319453

Ion Ratio Lower Upper

149 100

177 21.4 17.5 26.3

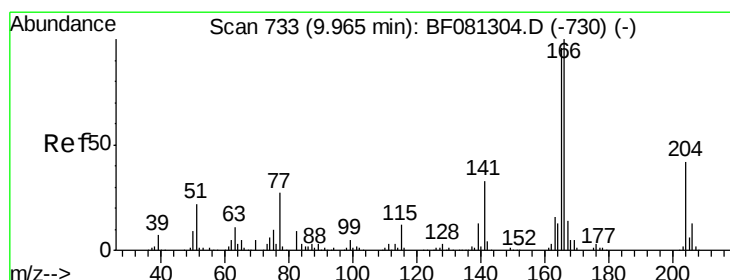
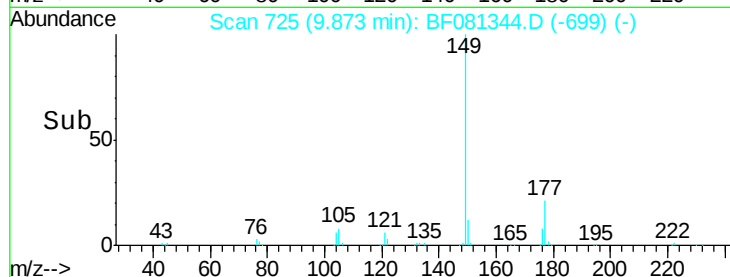
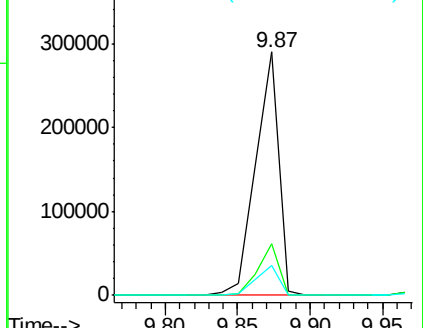
150 12.3 9.4 14.2



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: 39.03 ng

RT: 9.96 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

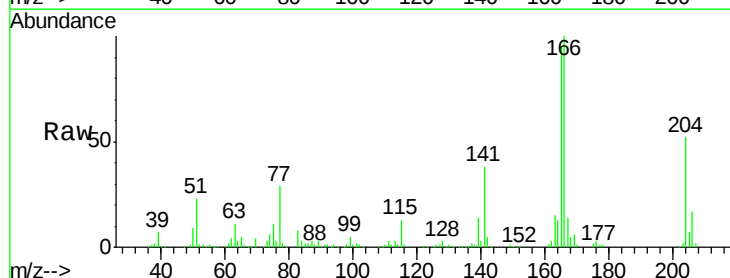
Tgt Ion:204 Resp: 134086

Ion Ratio Lower Upper

204 100

206 32.1 24.8 37.2

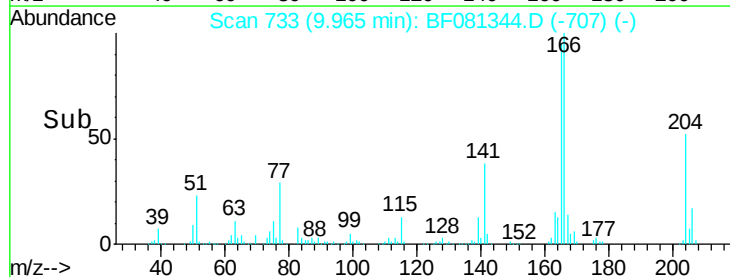
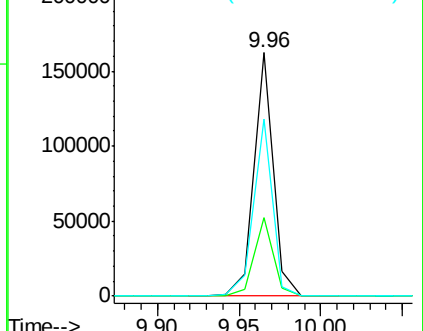
141 72.6 42.2 63.4#



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

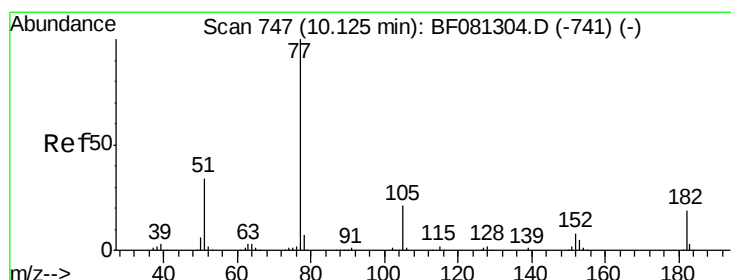
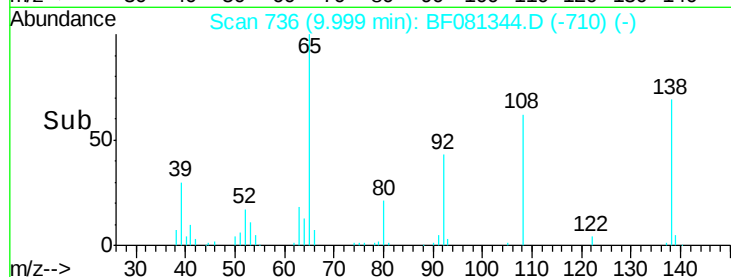
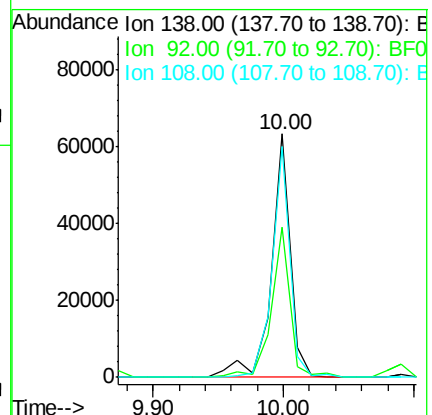
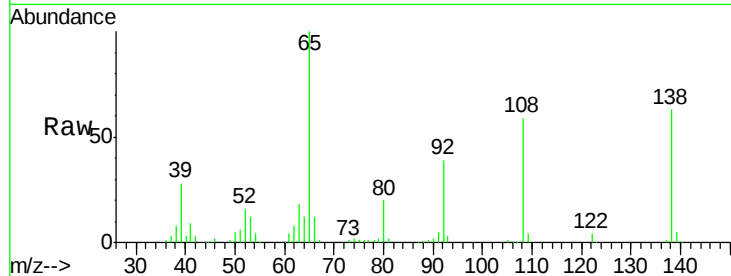




#61
4-Nitroaniline
Concen: 32.20 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

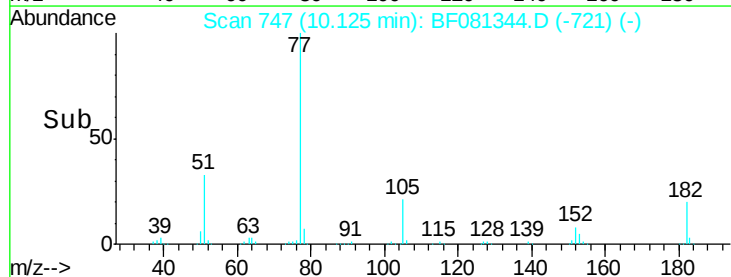
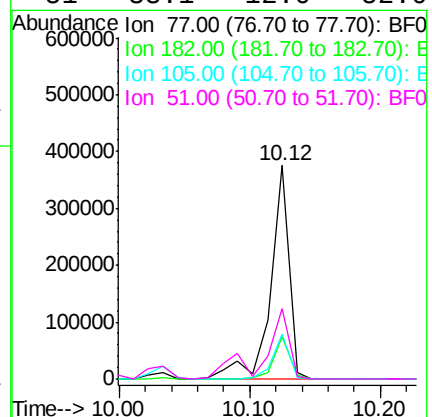
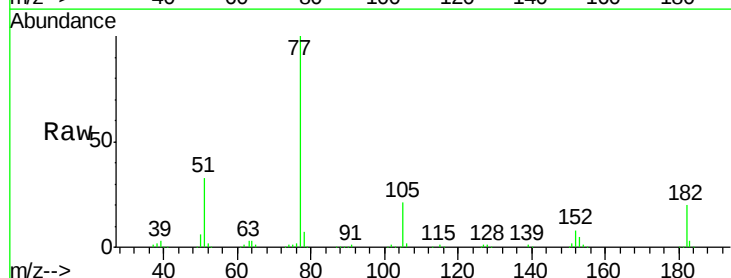
Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion:138 Resp: 64791
Ion Ratio Lower Upper
138 100
92 61.9 12.6 52.6#
108 94.7 12.4 52.4#



#62
Azobenzene
Concen: 41.93 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Tgt Ion: 77 Resp: 378034
Ion Ratio Lower Upper
77 100
182 20.0 15.1 55.1
105 21.2 3.4 43.4
51 33.1 12.0 52.0

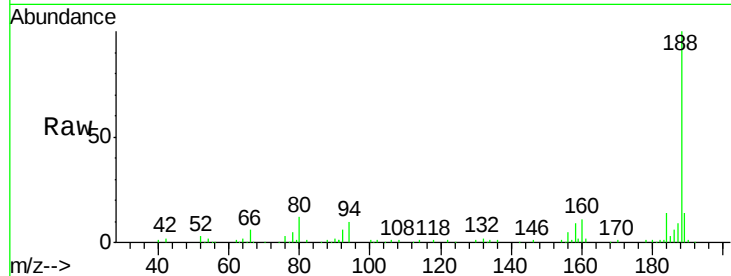




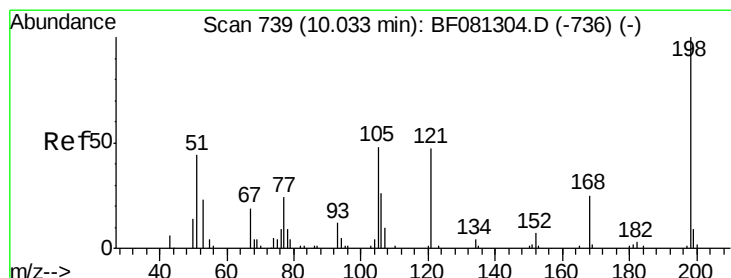
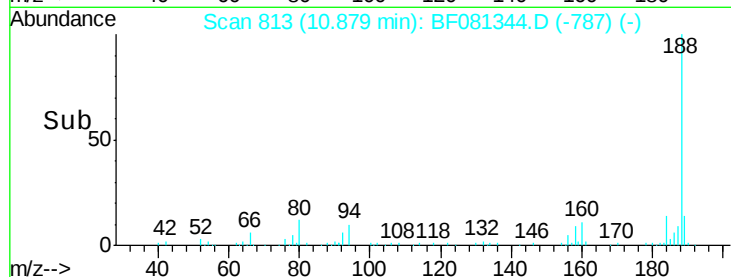
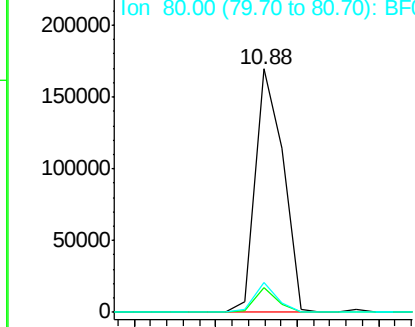
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion:188 Resp: 202480
Ion Ratio Lower Upper
188 100
94 10.3 11.1 16.7#
80 12.5 11.0 16.4

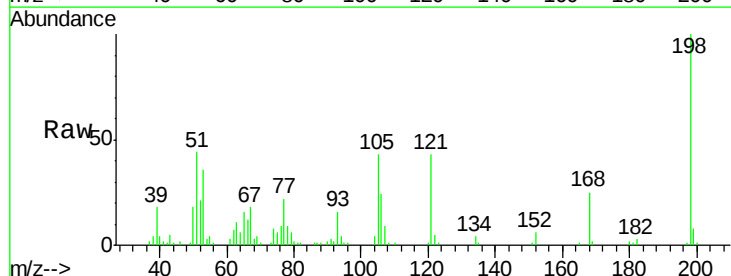


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

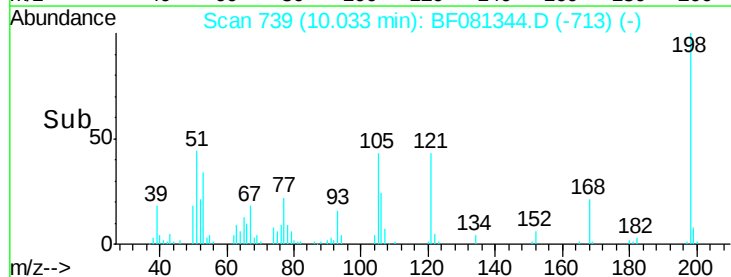
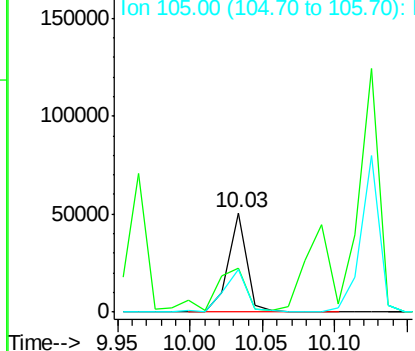


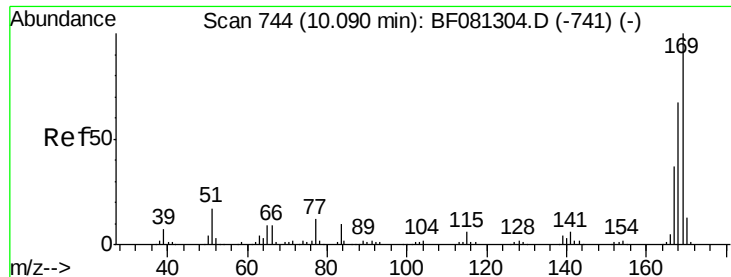
#64
4,6-Dinitro-2-methylphenol
Concen: 39.76 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Tgt Ion:198 Resp: 45030
Ion Ratio Lower Upper
198 100
51 43.7 39.6 79.6
105 43.1 28.5 68.5



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

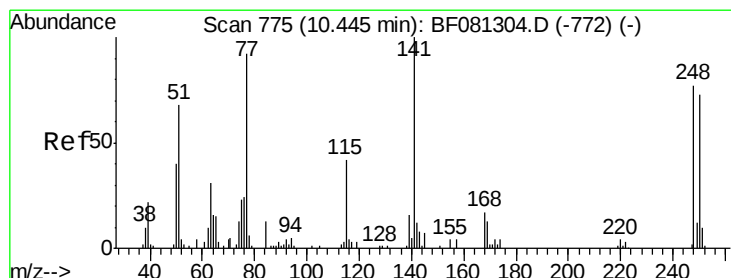
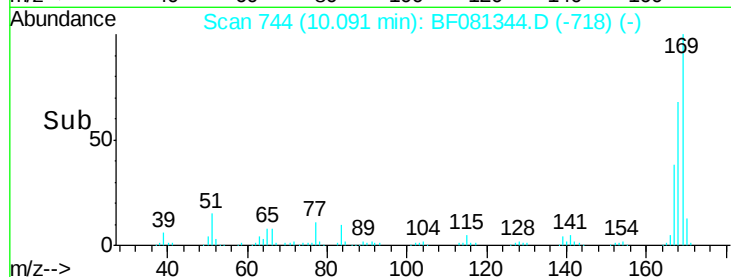
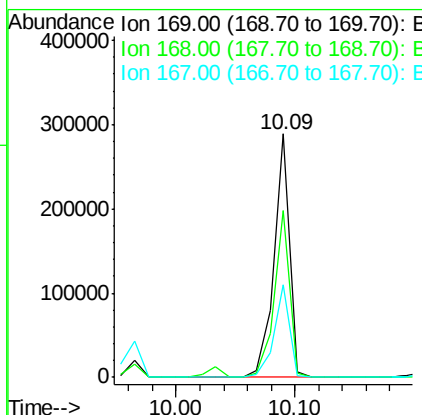
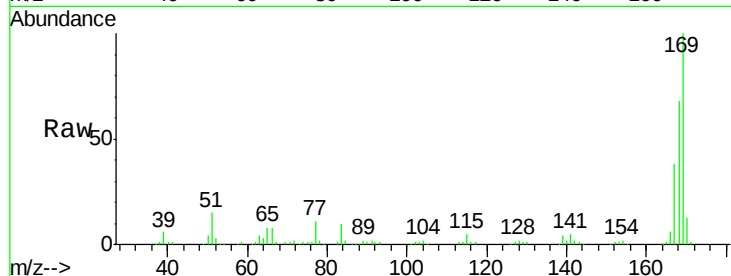




#65
n-Nitrosodiphenylamine
Concen: 35.98 ng
RT: 10.09 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

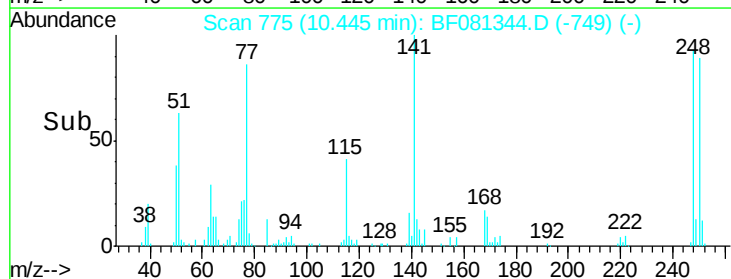
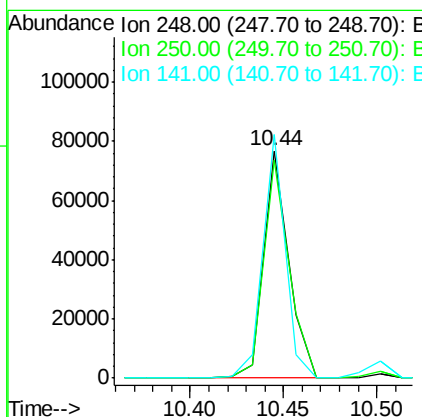
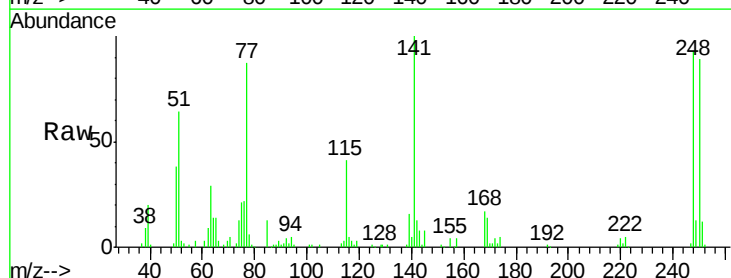
Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.5	48.9	73.3
167	38.0	26.2	39.4



#66
4-Bromophenyl-phenylether
Concen: 34.56 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.6	78.5	117.7
141	107.0	59.0	88.6#

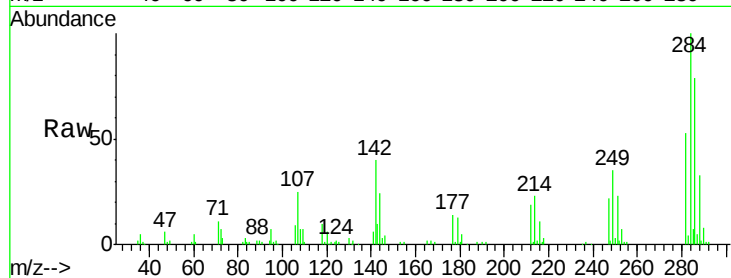




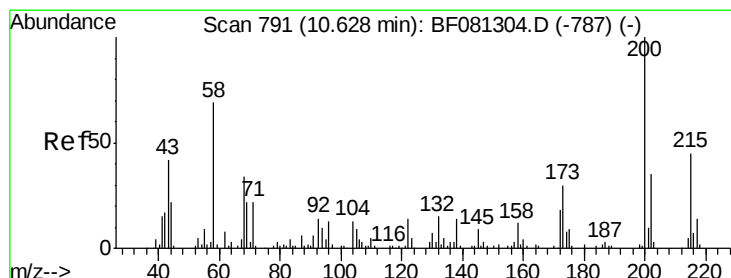
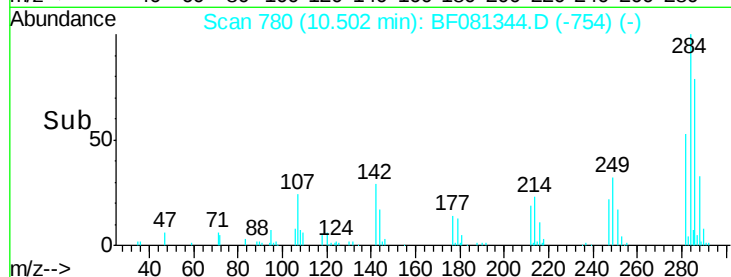
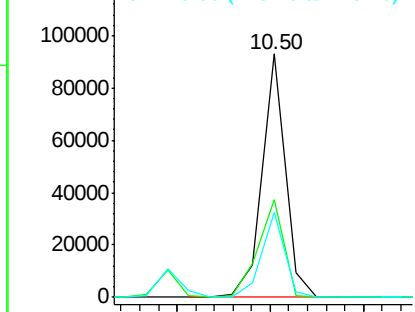
#67
Hexachlorobenzene
Concen: 37.03 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion:284 Resp: 79257
Ion Ratio Lower Upper
284 100
142 40.4 29.5 44.3
249 35.1 19.5 29.3#

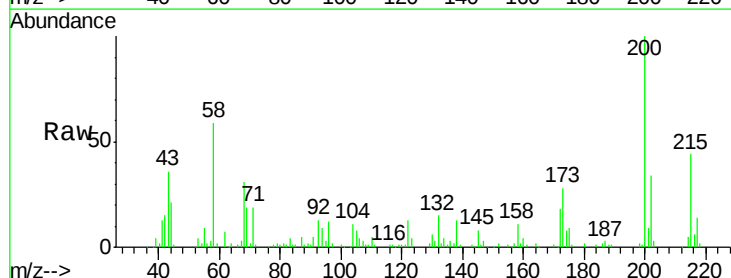


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

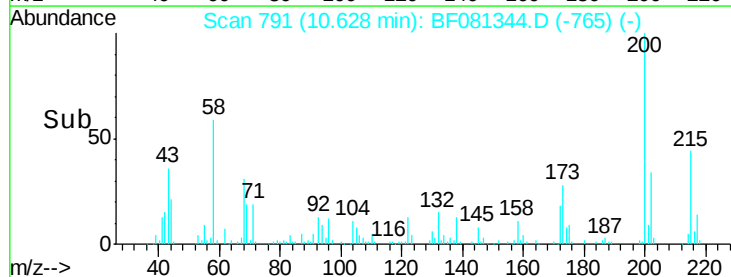
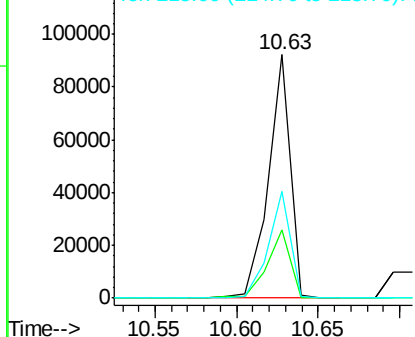


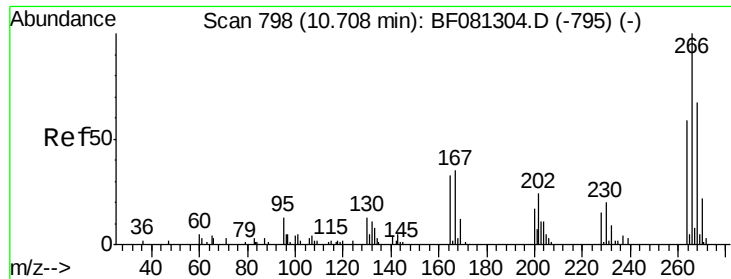
#68
Atrazine
Concen: 40.44 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Tgt Ion:200 Resp: 86220
Ion Ratio Lower Upper
200 100
173 28.0 13.2 53.2
215 43.6 41.8 81.8



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

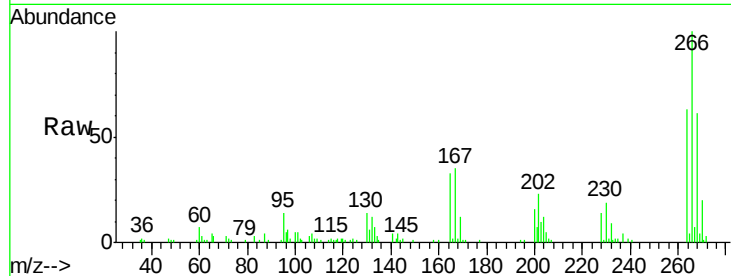




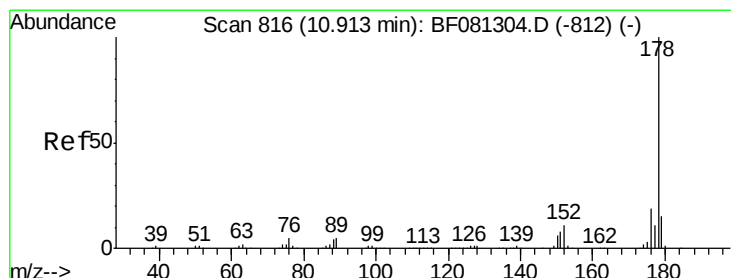
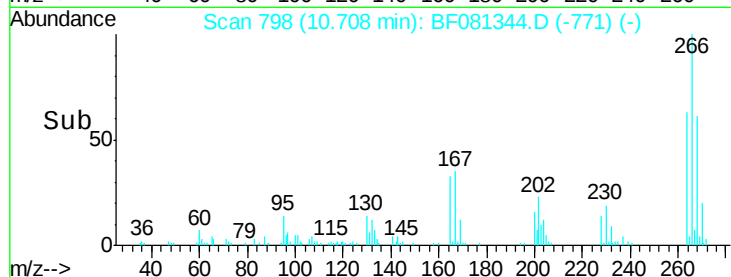
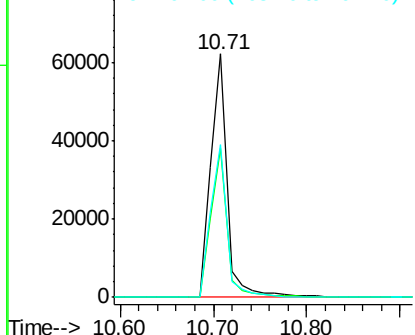
#69
 Pentachlorophenol
 Concen: 73.61 ng
 RT: 10.71 min Scan# 798
 Delta R.T. 0.01 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Tot Ion:266 Resp: 75894
 Ion Ratio Lower Upper
 266 100
 268 61.3 49.8 74.6
 264 63.0 50.2 75.2

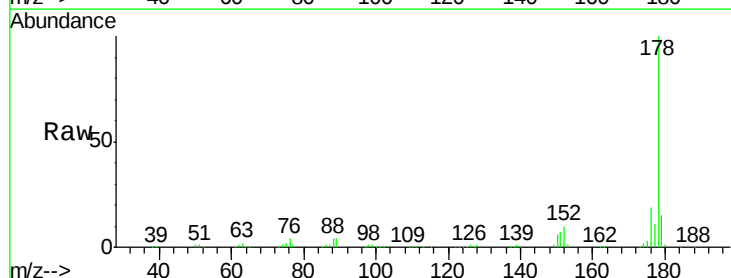


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

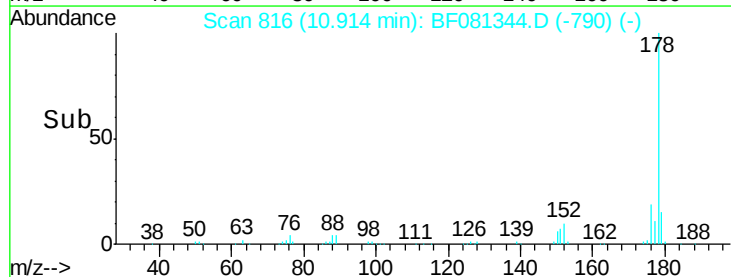
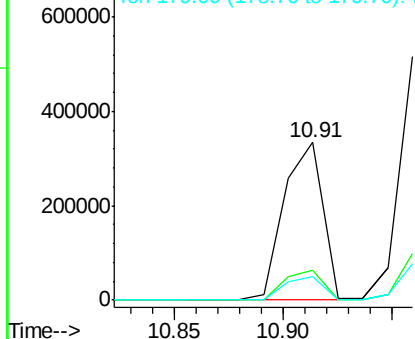


#70
 Phenanthrene
 Concen: 37.08 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Tgt Ion:178 Resp: 417451
 Ion Ratio Lower Upper
 178 100
 176 19.1 13.8 20.8
 179 14.9 12.2 18.2



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

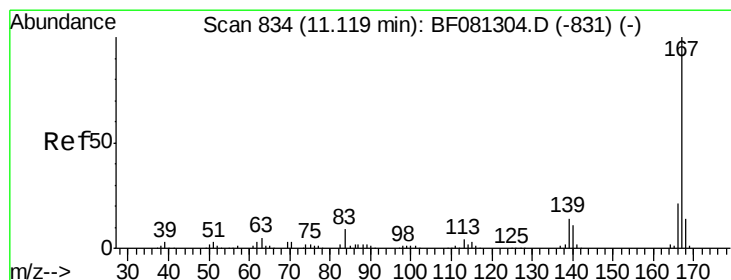
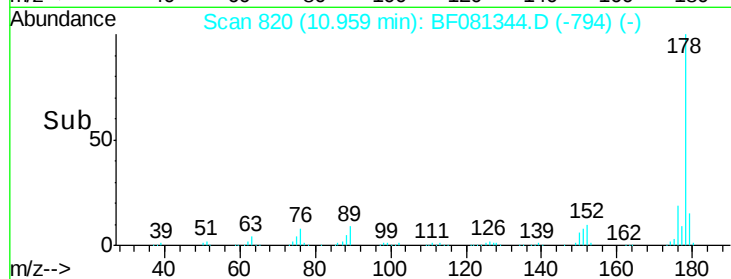
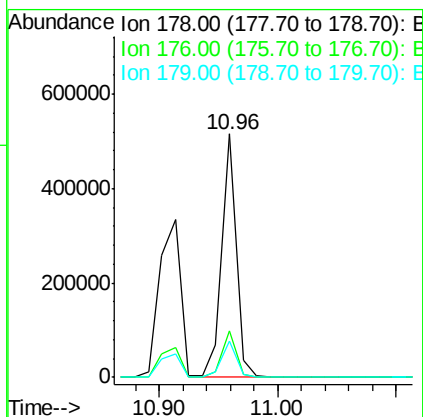
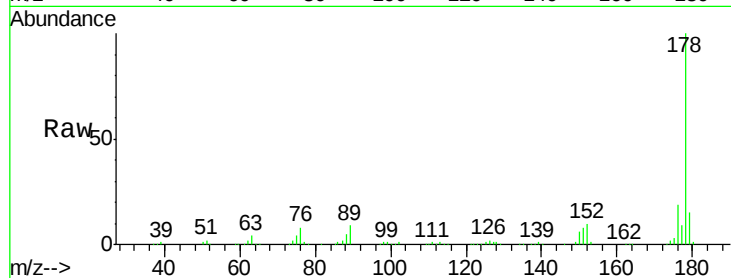




#71
 Anthracene
 Concen: 37.41 ng
 RT: 10.96 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

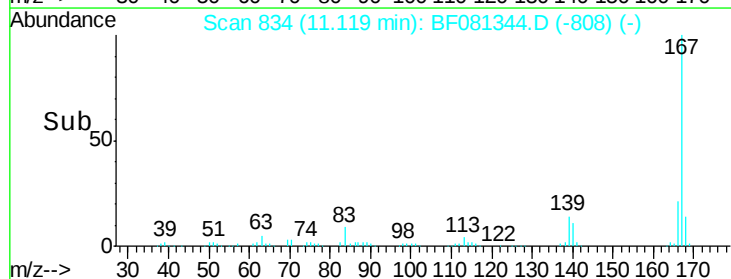
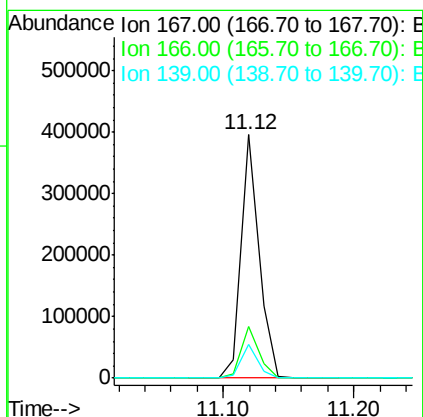
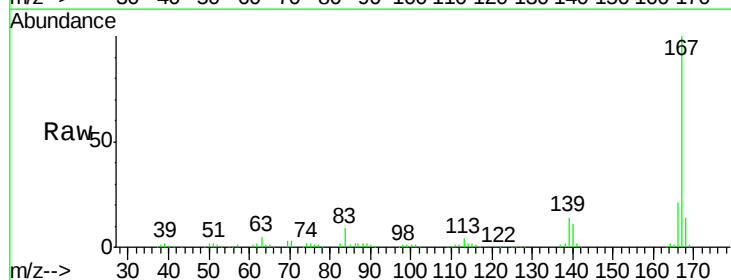
Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

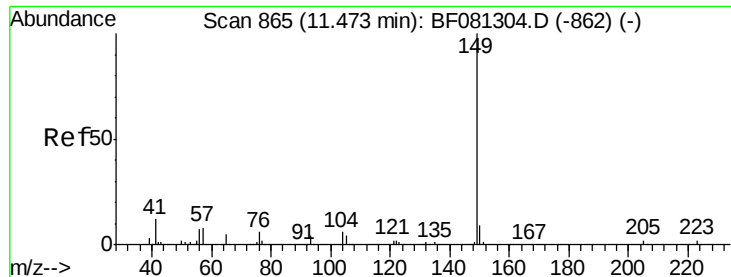
Tot Ion:178 Resp: 432666
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 15.1 12.2 18.2



#72
 Carbazole
 Concen: 34.56 ng
 RT: 11.12 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Tgt Ion:167 Resp: 375028
 Ion Ratio Lower Upper
 167 100
 166 21.1 15.7 23.5
 139 13.9 9.5 14.3





#73

Di-n-butylphthalate

Concen: 34.34 ng

RT: 11.47 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Instrument :

BNA_F

ClientSampleId :

PB85121BS

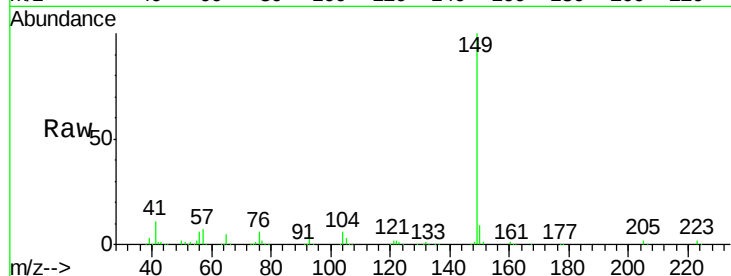
Tot Ion:149 Resp: 440119

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

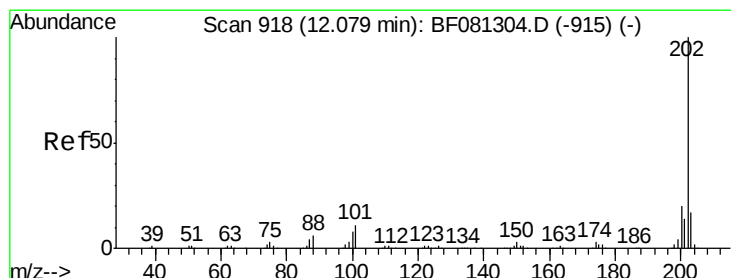
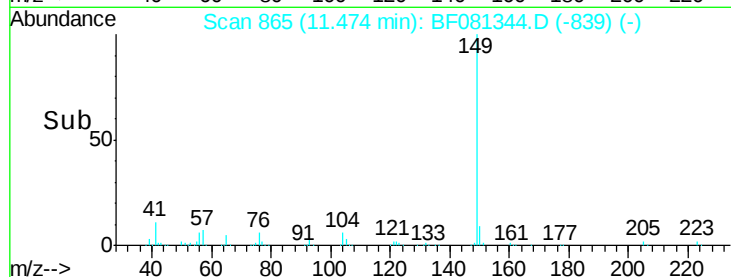
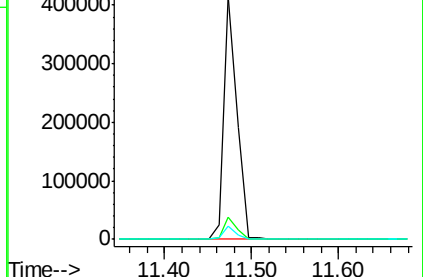
104 5.7 2.4 3.6#



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: 37.64 ng

RT: 12.08 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

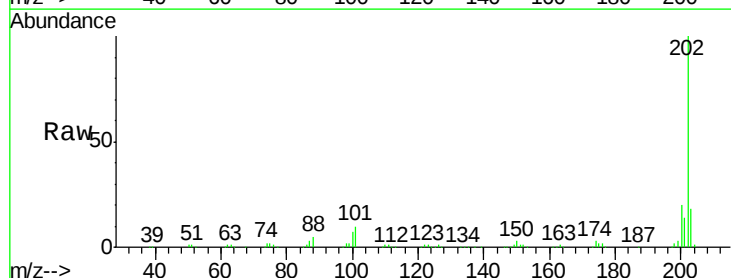
Tgt Ion:202 Resp: 458659

Ion Ratio Lower Upper

202 100

101 9.8 0.0 38.3

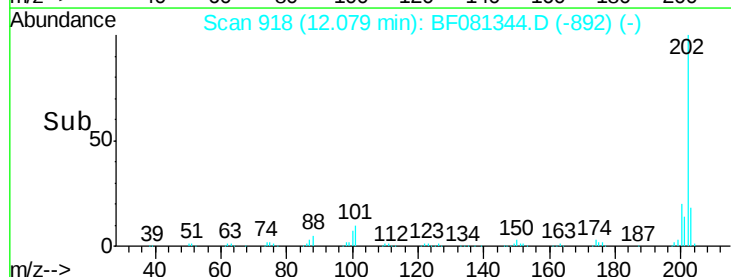
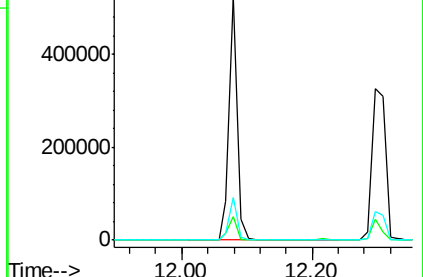
203 17.7 0.0 37.3

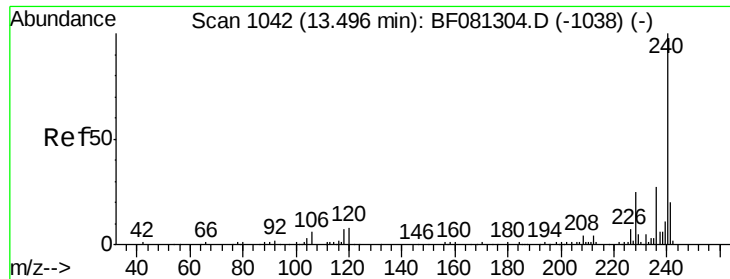


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

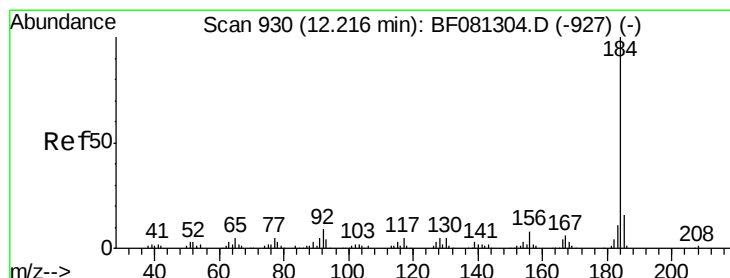
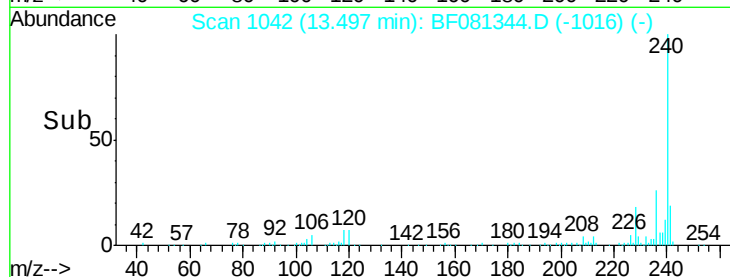
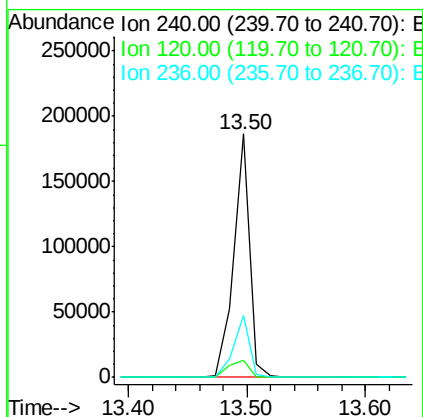
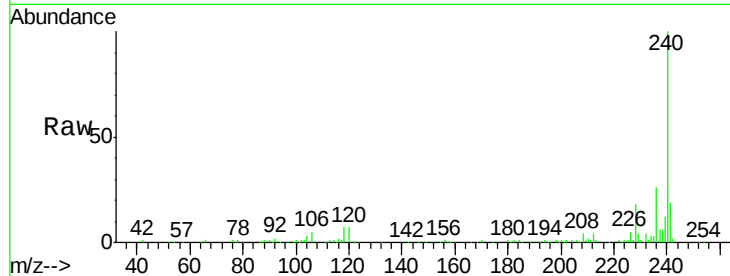




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.50 min Scan# 1042
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

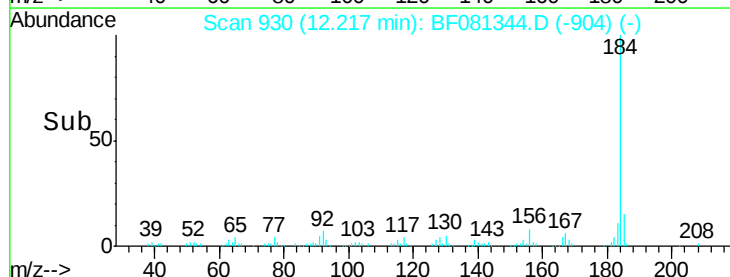
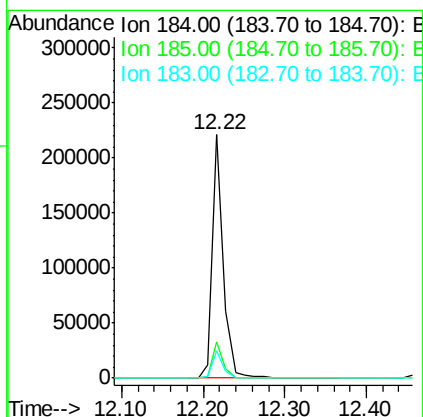
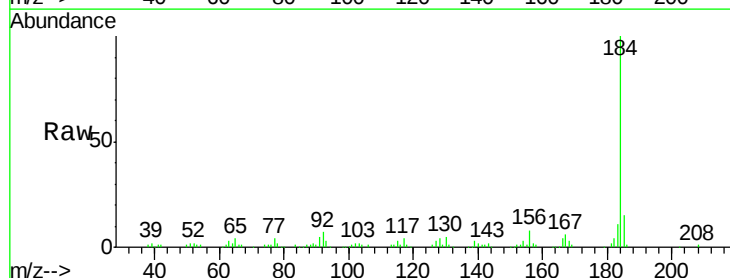
Instrument :
BNA_F
ClientSampleId :
PB85121BS

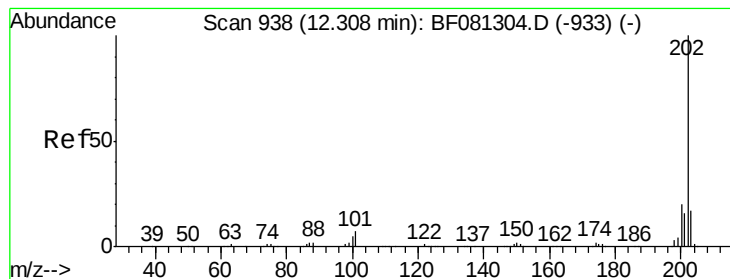
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.0	16.2	24.2#
236	25.5	18.4	27.6



#76
Benzidine
Concen: 28.40 ng
RT: 12.22 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.8	17.6
183	11.0	7.6	11.4





#77

Pvrene

Concen: 35.73 ng

RT: 12.30 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Instrument :

BNA_F

ClientSampleId :

PB85121BS

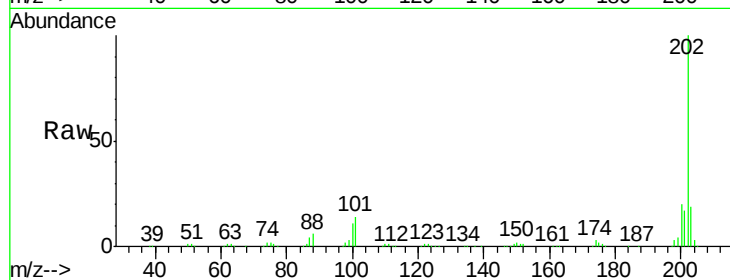
Tot Ion:202 Resp: 459734

Ion Ratio Lower Upper

202 100

200 20.2 15.0 22.4

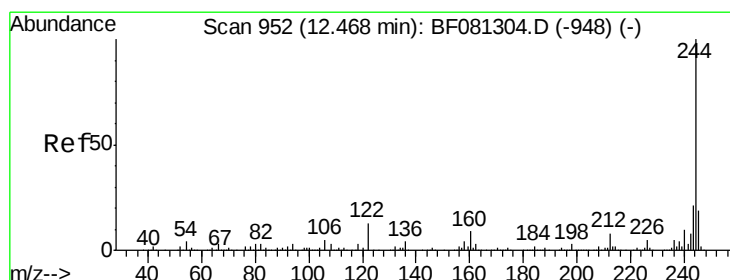
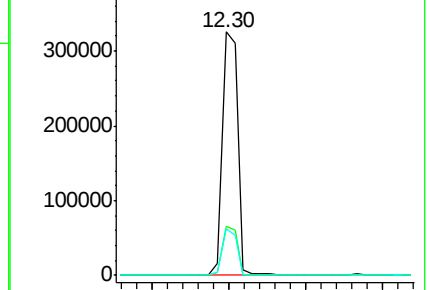
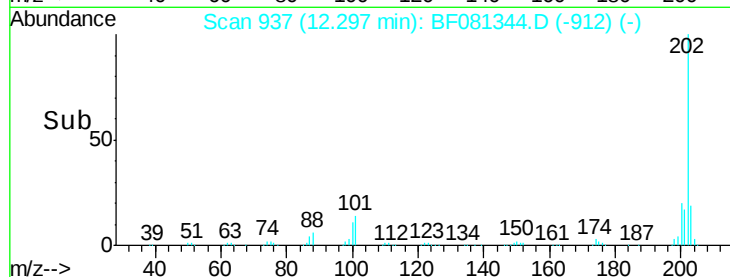
203 19.0 14.1 21.1



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: 75.04 ng

RT: 12.47 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

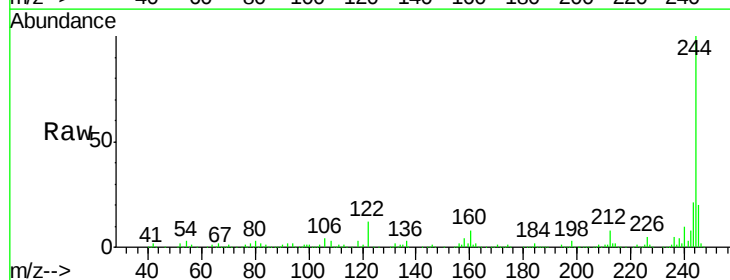
Tgt Ion:244 Resp: 560056

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

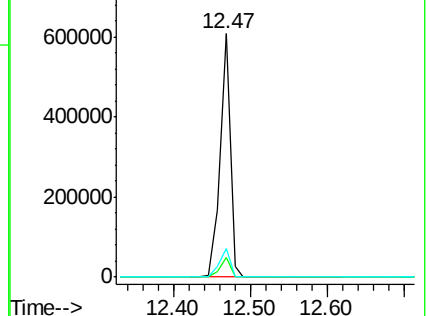
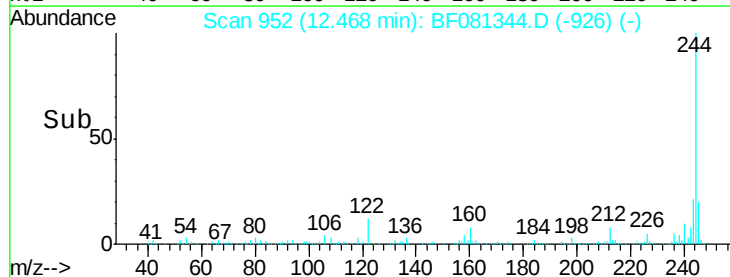
122 11.9 17.4 26.2#

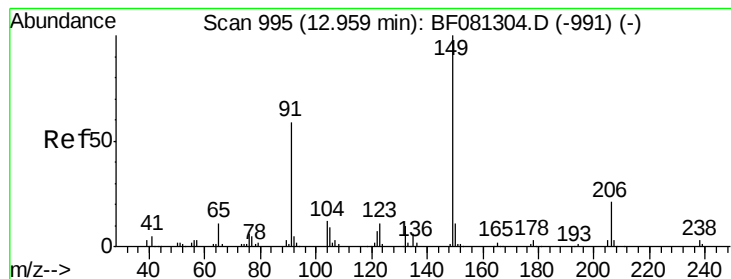


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 34.10 ng

RT: 12.95 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

Instrument :

BNA_F

ClientSampleId :

PB85121BS

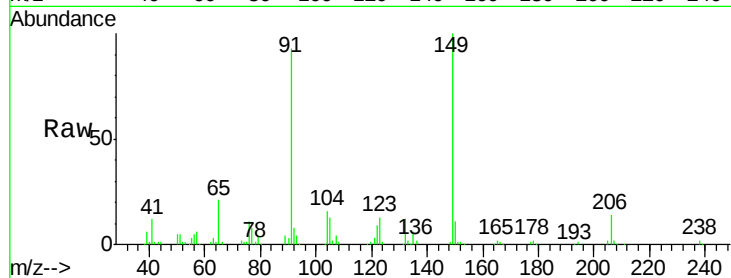
Tot Ion:149 Resp: 190829

Ion Ratio Lower Upper

149 100

91 92.7 48.6 72.8#

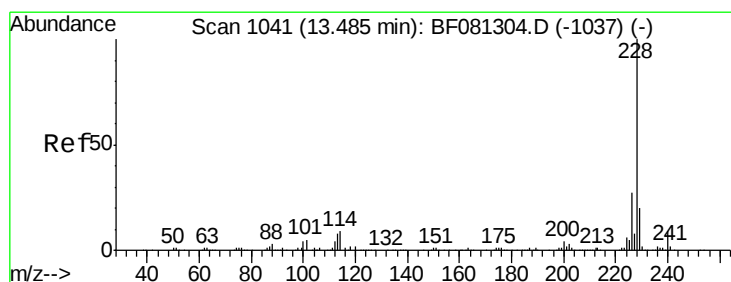
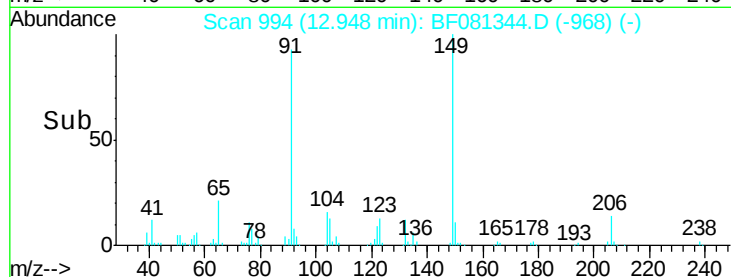
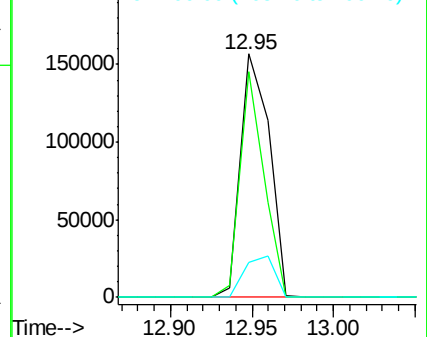
206 14.2 14.9 22.3#



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: 34.88 ng

RT: 13.49 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF081344.D

Acq: 2 Sep 2015 12:52

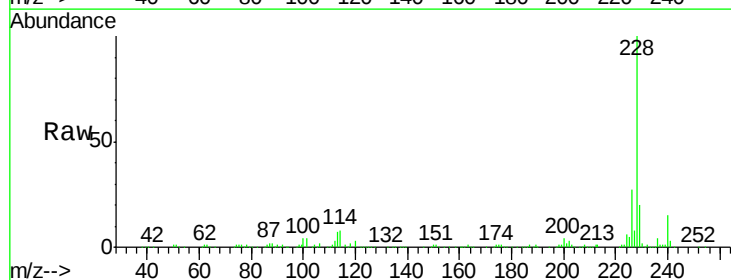
Tgt Ion:228 Resp: 385846

Ion Ratio Lower Upper

228 100

226 27.0 20.0 30.0

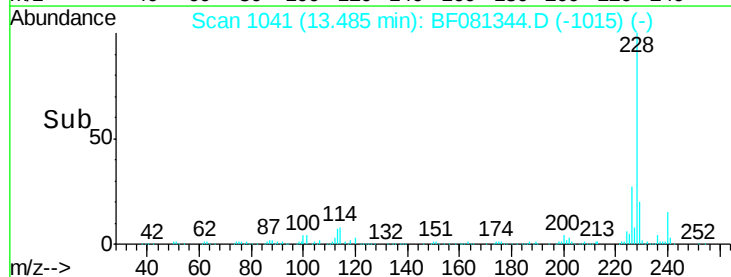
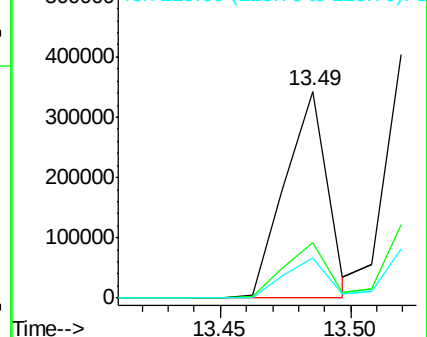
229 19.6 15.4 23.2



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

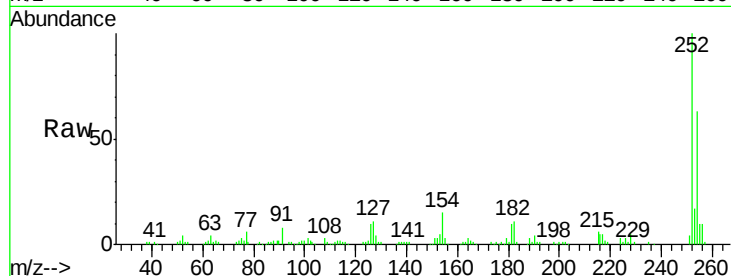




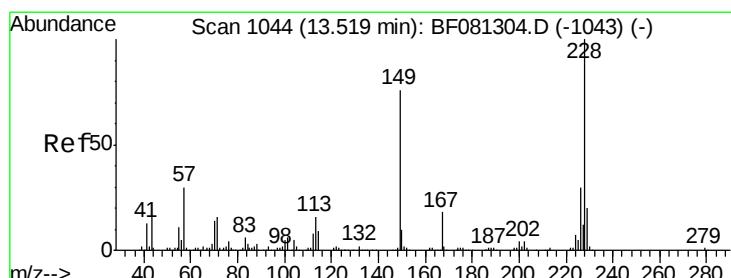
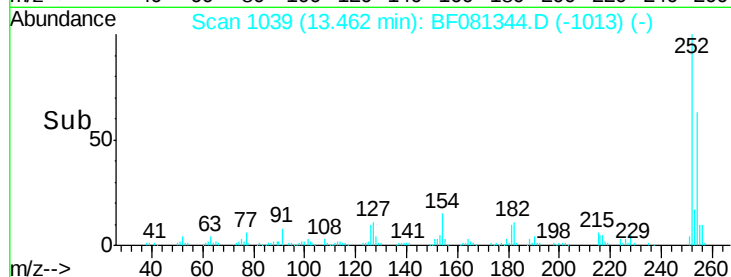
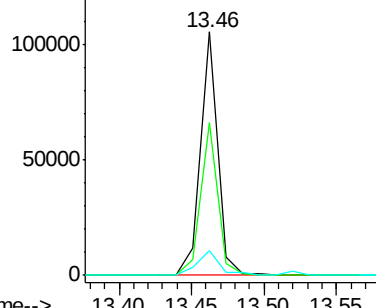
#81
 3,3'-Dichlorobenzidine
 Concen: 23.37 ng
 RT: 13.46 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.7	51.4	77.2
126	10.2	16.4	24.6#

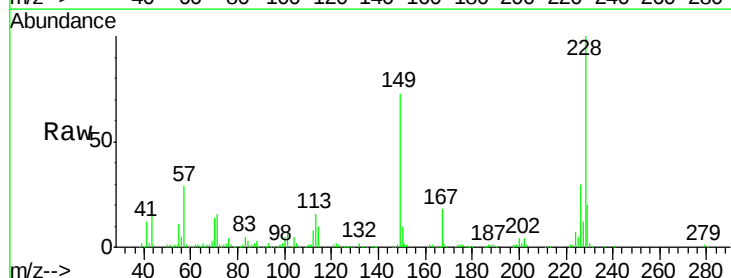


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

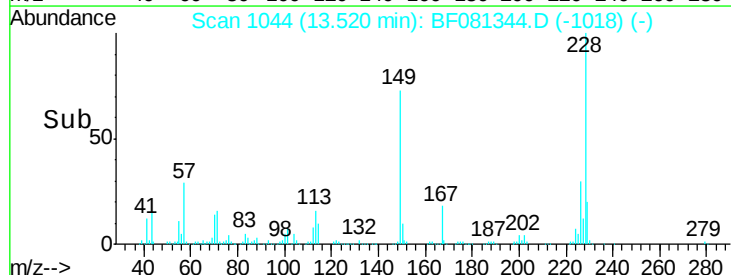
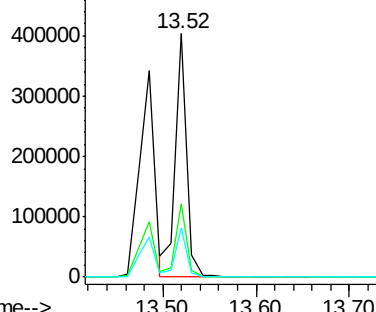


#82
 Chrysene
 Concen: 34.91 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.4
229	19.9	15.6	23.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

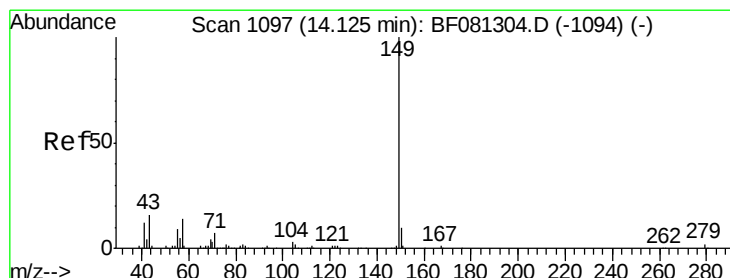
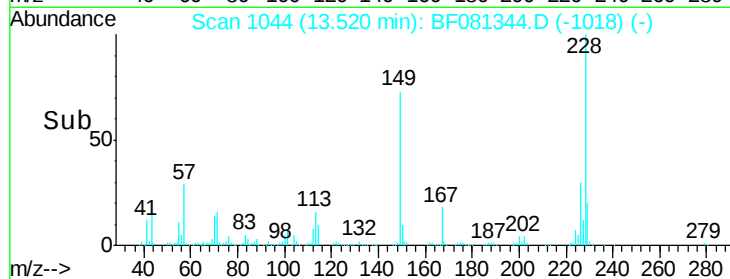
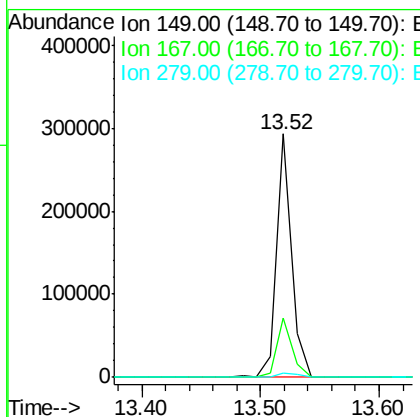
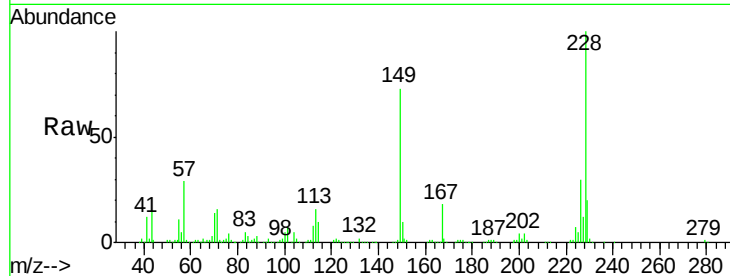




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.90 ng
 RT: 13.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

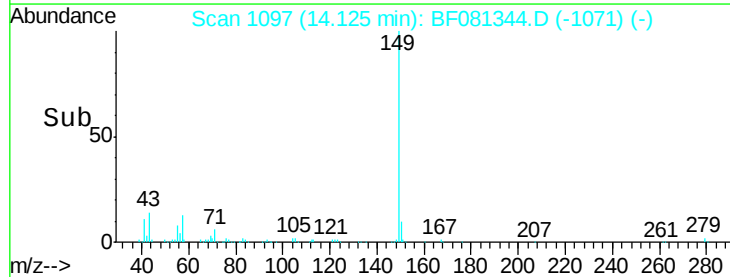
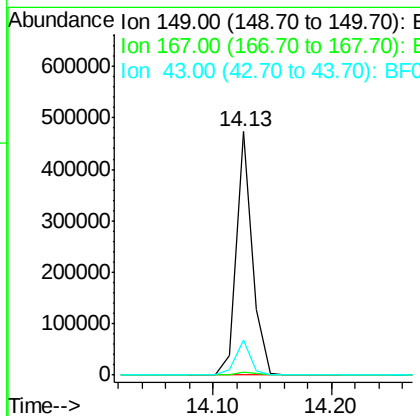
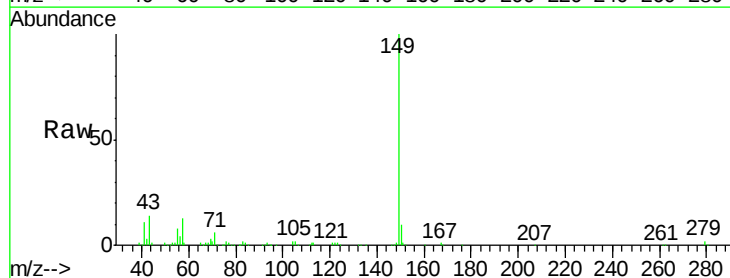
Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Tot Ion:149 Resp: 257733
 Ion Ratio Lower Upper
 149 100
 167 24.6 24.2 36.2
 279 1.9 3.8 5.6#



#84
 Di-n-octyl phthalate
 Concen: 36.33 ng
 RT: 14.13 min Scan# 1097
 Delta R.T. 0.00 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Tgt Ion:149 Resp: 441822
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.0 1.6
 43 13.6 10.2 15.2

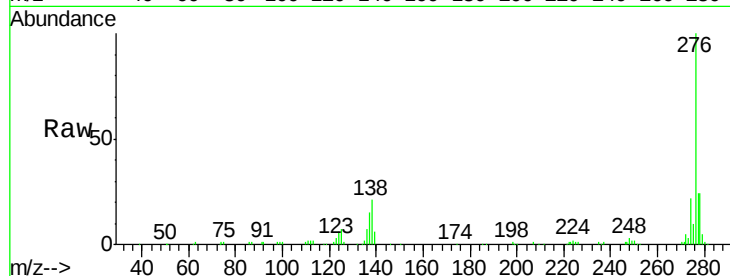




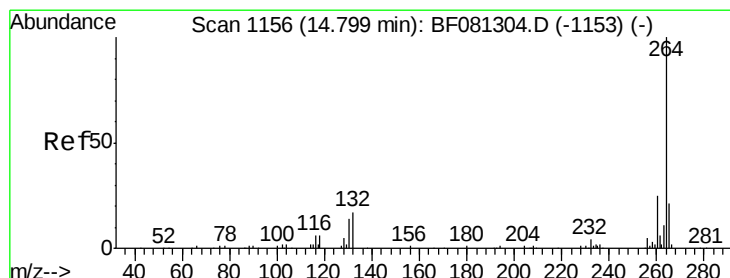
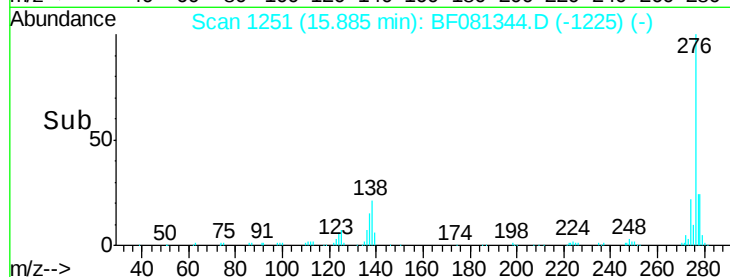
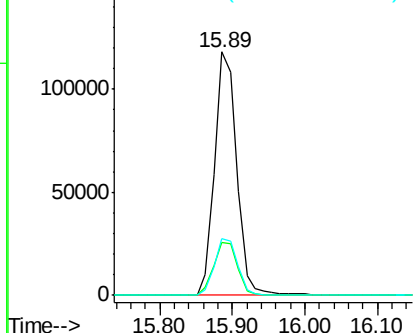
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.54 ng
RT: 15.89 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Instrument :
BNA_F
ClientSampleId :
PB85121BS

Tot Ion:276 Resp: 251355
Ion Ratio Lower Upper
276 100
138 23.2 25.7 38.5#
277 24.3 15.6 23.4#

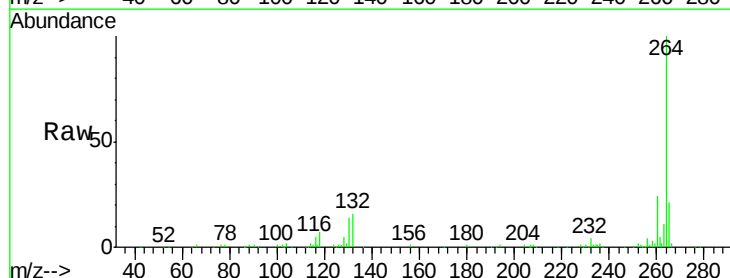


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

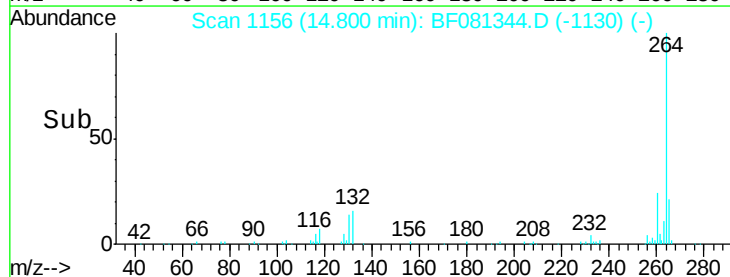
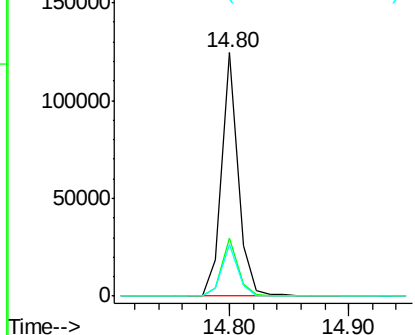


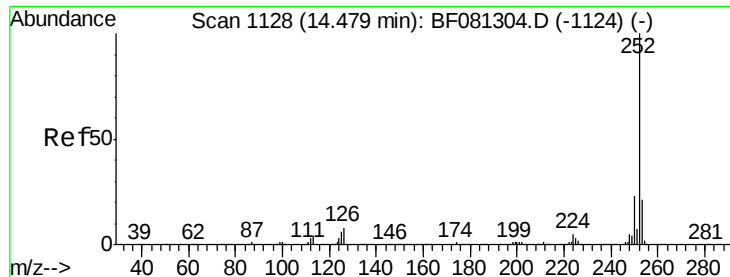
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Tgt Ion:264 Resp: 118888
Ion Ratio Lower Upper
264 100
260 23.8 16.7 25.1
265 21.4 17.2 25.8



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

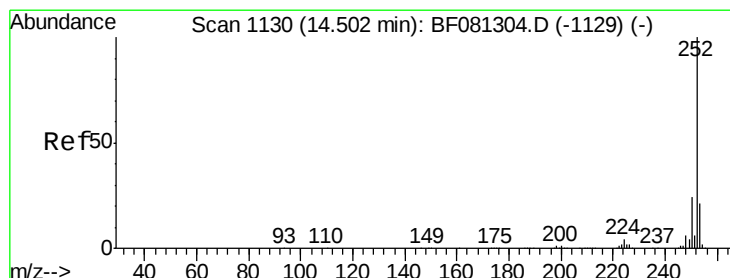
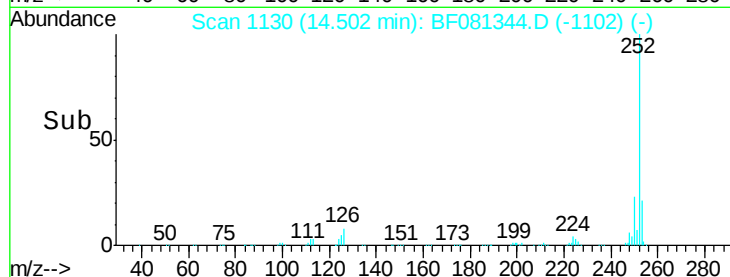
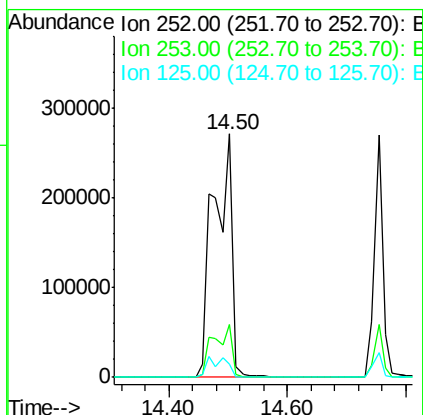
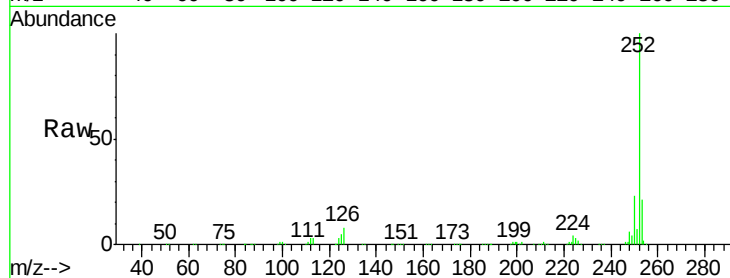




#87
Benzo(b)fluoranthene
Concen: 71.10 ng
RT: 14.50 min Scan# 1130
Delta R.T. 0.02 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

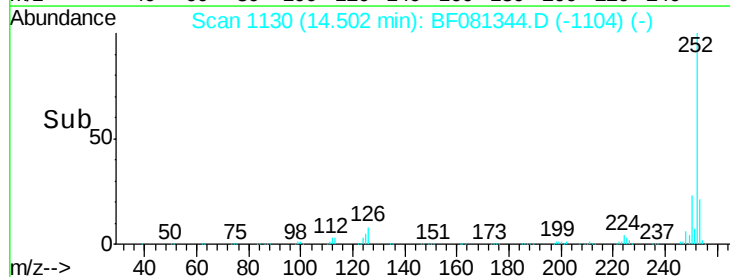
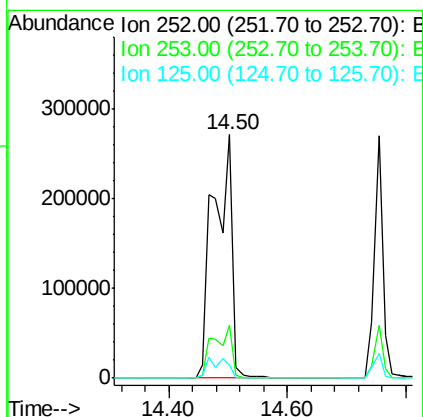
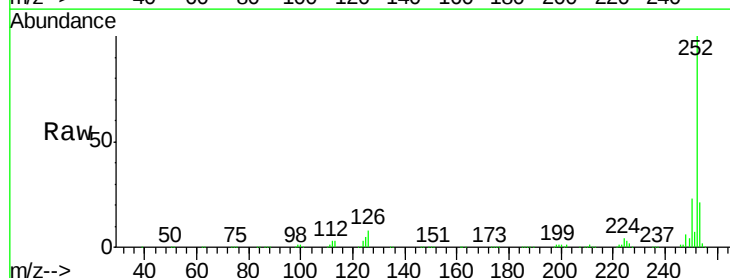
Instrument :
BNA_F
ClientSampleId :
PB85121BS

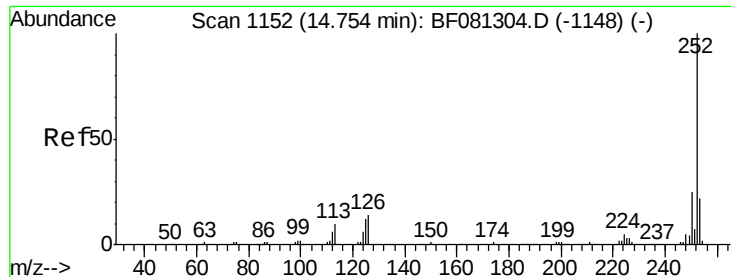
Tot Ion:252 Resp: 603456
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 5.5 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 85.68 ng
RT: 14.50 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Tgt Ion:252 Resp: 603456
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 5.5 16.0 24.0#

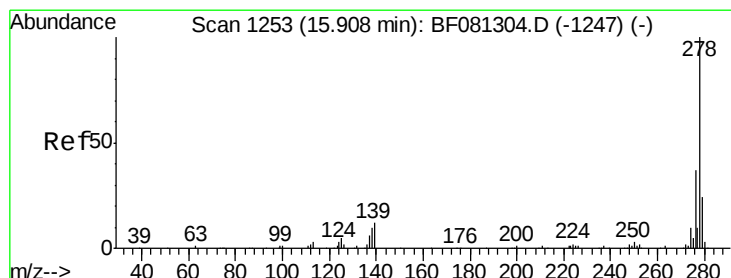
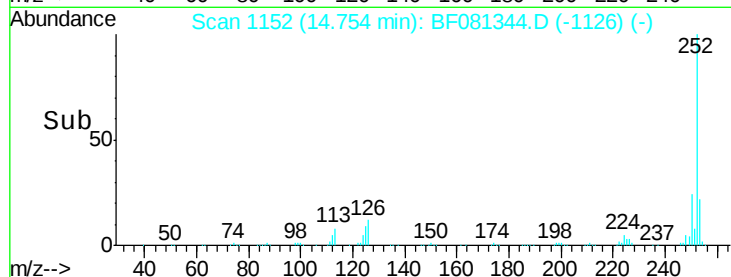
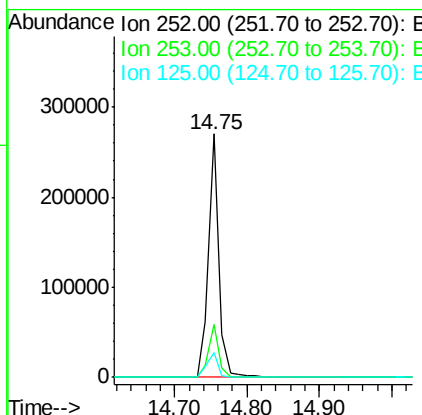
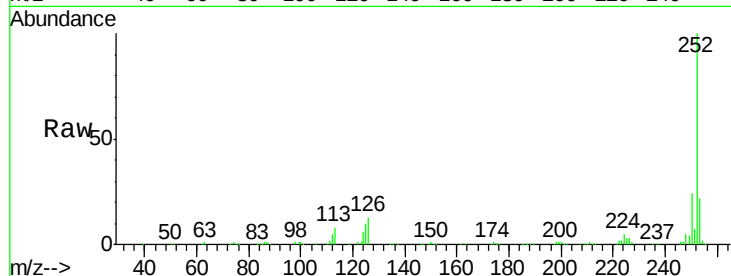




#89
Benzo(a)pyrene
Concen: 37.78 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

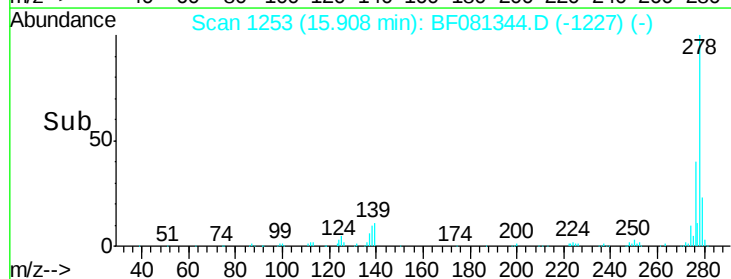
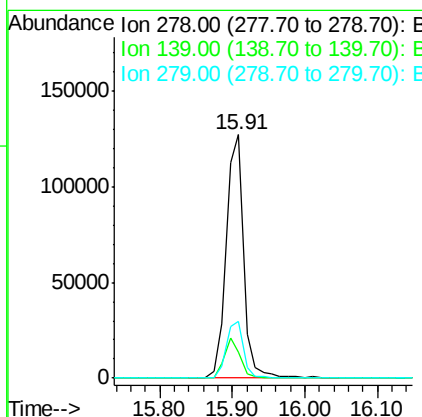
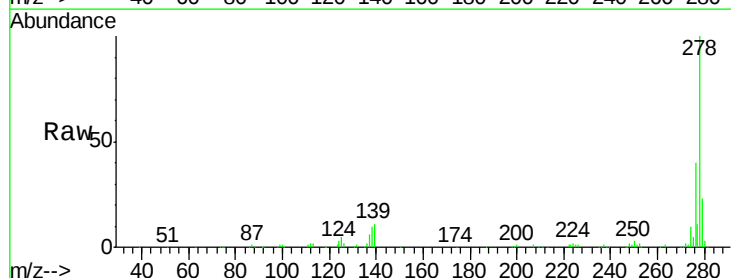
Instrument :
BNA_F
ClientSampleId :
PB85121BS

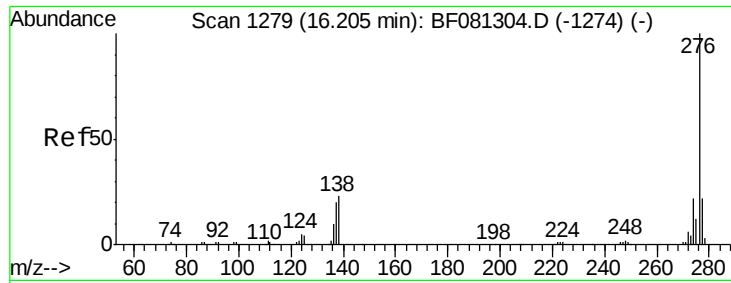
Tot Ion:252 Resp: 271707
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 10.1 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 38.37 ng
RT: 15.91 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BF081344.D
Acq: 2 Sep 2015 12:52

Tgt Ion:278 Resp: 213270
Ion Ratio Lower Upper
278 100
139 11.0 26.3 39.5#
279 23.3 18.2 27.4





#91
 Benzo(a,h,i)perylene
 Concen: 38.40 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF081344.D
 Acq: 2 Sep 2015 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BS

Tot Ion: 276 Resp: 203689
 Ion Ratio Lower Upper
 276 100
 277 23.7 17.8 26.6
 138 22.2 34.6 51.8#

