

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081422.D
 Acq On : 4 Sep 2015 16:44
 Operator : UM/IZ
 Sample : PB85375BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85375BS

Quant Time: Sep 07 01:04:47 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 01:02:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	66536	20.00	ng	0.00
21) Naphthalene-d8	7.64	136	232997	20.00	ng	-0.01
38) Acenaphthene-d10	9.39	164	115304	20.00	ng	0.00
63) Phenanthrene-d10	10.86	188	237038	20.00	ng	0.00
75) Chrysene-d12	13.46	240	147663	20.00	ng	0.00
86) Perylene-d12	14.77	264	113394	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.91	112	392137	91.44	ng	0.01
7) Phenol-d6	6.03	99	503676	88.73	ng	0.00
23) Nitrobenzene-d5	6.94	82	327271	67.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.18	330	99927	97.33	ng	0.00
44) 2-Fluorobiphenyl	8.73	172	484468	53.84	ng	-0.01
78) Terphenyl-d14	12.43	244	414071	65.28	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.76	88	50394	26.16	ng	# 91
3) Pyridine	2.31	79	119227	22.45	ng	# 93
4) n-Nitrosodimethylamine	2.26	42	93395	31.66	ng	# 76
6) Aniline	6.02	93	133041	16.60	ng	# 78
8) 2-Chlorophenol	6.15	128	145463	30.78	ng	# 87
9) Benzaldehyde	5.90	77	16580	4.66	ng	# 77
10) Phenol	6.04	94	195104	29.64	ng	# 53
11) bis(2-Chloroethyl)ether	6.11	93	150504	31.69	ng	# 90
12) 1,3-Dichlorobenzene	6.30	146	156225	30.94	ng	# 91
13) 1,4-Dichlorobenzene	6.38	146	154723	30.10	ng	# 88
14) 1,2-Dichlorobenzene	6.52	146	129829	28.05	ng	# 86
15) Benzyl Alcohol	6.52	79	134568	28.90	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	6.66	45	297649	32.70	ng	# 2
17) 2-Methylphenol	6.66	107	122559	32.50	ng	# 76
18) Hexachloroethane	6.87	117	59345	29.67	ng	# 92
19) n-Nitroso-di-n-propylamine	6.80	70	107716	27.88	ng	# 90
20) 3+4-Methylphenols	6.82	107	157053	30.89	ng	# 90
22) Acetophenone	6.79	105	214651	33.73	ng	# 76
24) Nitrobenzene	6.96	77	185372	36.96	ng	# 69
25) Isophorone	7.20	82	273512	30.45	ng	# 82
26) 2-Nitrophenol	7.28	139	69703	31.89	ng	# 60
27) 2,4-Dimethylphenol	7.34	122	109956	29.12	ng	# 75
28) bis(2-Chloroethoxy)methane	7.43	93	154745	29.82	ng	# 91
29) 2,4-Dichlorophenol	7.53	162	103327	31.56	ng	# 97
30) 1,2,4-Trichlorobenzene	7.60	180	113322	31.86	ng	# 98
31) Naphthalene	7.67	128	352419	28.36	ng	# 98
32) Benzoic acid	7.48	122	58195	22.99	ng	# 59
33) 4-Chloroaniline	7.74	127	61906	12.21	ng	# 86
34) Hexachlorobutadiene	7.79	225	65999	30.49	ng	# 96
35) Caprolactam	8.11	113	21387	21.30	ng	# 53
36) 4-Chloro-3-methylphenol	8.25	107	122055	33.31	ng	# 85
37) 2-Methylnaphthalene	8.36	142	256867	31.77	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.52	216	97284	26.68	ng	# 98
40) Hexachlorocyclopentadiene	8.51	237	94166	52.62	ng	# 97

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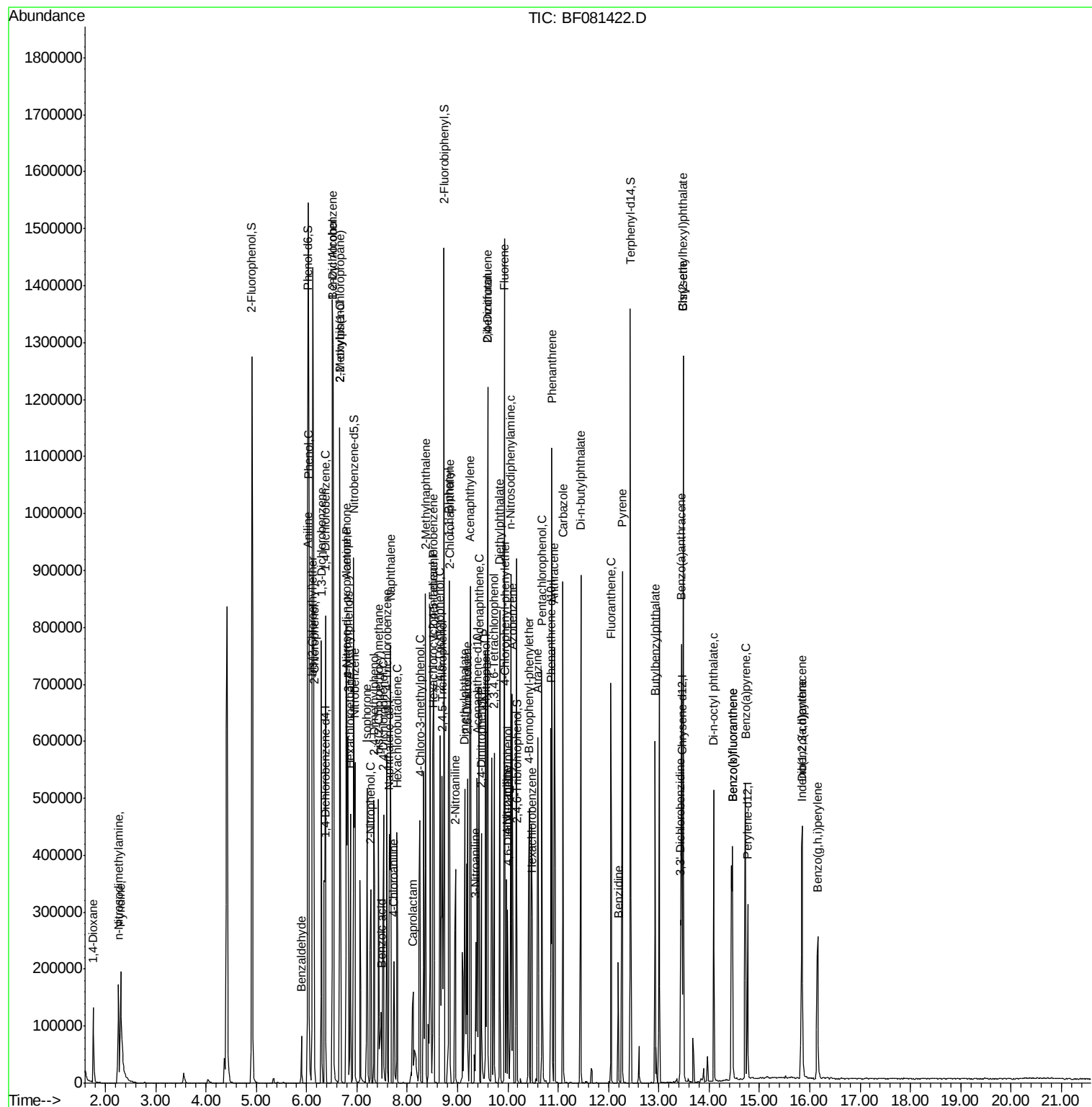
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	70360	27.96	nq	99
43) 2,4,5-Trichlorophenol	8.70	196	72612	28.28	nq	# 82
45) 1,1'-Biphenyl	8.83	154	303409	28.60	nq	96
46) 2-Chloronaphthalene	8.84	162	226287	29.54	nq	# 90
47) 2-Nitroaniline	8.96	65	88812	28.45	nq	87
48) Acenaphthylene	9.26	152	372286	27.39	nq	98
49) Dimethylphthalate	9.14	163	248621	27.75	nq	# 97
50) 2,6-Dinitrotoluene	9.20	165	50493	24.83	nq	# 17
51) Acenaphthene	9.43	154	219210	28.35	nq	90
52) 3-Nitroaniline	9.36	138	32684	14.12	nq	# 36
53) 2,4-Dinitrophenol	9.47	184	48270	56.36	nq	# 26
54) Dibenzofuran	9.60	168	349187	30.93	nq	92
55) 4-Nitrophenol	9.56	139	93906	64.57	nq	# 54
56) 2,4-Dinitrotoluene	9.60	165	73188	28.27	nq	# 29
57) Fluorene	9.93	166	260695	30.43	nq	95
58) 2,3,4,6-Tetrachlorophenol	9.72	232	66219	33.78	nq	94
59) Diethylphthalate	9.84	149	290094	30.78	nq	96
60) 4-Chlorophenyl-phenylether	9.94	204	127902	32.03	nq	96
61) 4-Nitroaniline	9.98	138	69521	29.73	nq	# 45
62) Azobenzene	10.09	77	324947	31.02	nq	# 80
64) 4,6-Dinitro-2-methylphenol	10.00	198	33685	25.41	nq	# 27
65) n-Nitrosodiphenylamine	10.06	169	222267	25.77	nq	92
66) 4-Bromophenyl-phenylether	10.42	248	74539	31.10	nq	93
67) Hexachlorobenzene	10.48	284	71619	28.58	nq	# 76
68) Atrazine	10.59	200	66690	26.72	nq	83
69) Pentachlorophenol	10.67	266	68747	58.94	nq	97
70) Phenanthrene	10.88	178	384790	29.20	nq	97
71) Anthracene	10.92	178	351592	25.97	nq	98
72) Carbazole	11.10	167	368423	29.00	nq	97
73) Di-n-butylphthalate	11.45	149	453395	30.22	nq	# 98
74) Fluoranthene	12.05	202	362224	25.39	nq	92
76) Benzidine	12.19	184	105095	16.58	nq	98
77) Pyrene	12.27	202	406107	37.13	nq	98
79) Butylbenzylphthalate	12.93	149	154059	32.39	nq	94
80) Benzo(a)anthracene	13.45	228	291377	30.99	nq	97
81) 3,3'-Dichlorobenzidine	13.43	252	53401	16.84	nq	# 96
82) Chrysene	13.49	228	226866	26.91	nq	94
83) Bis(2-ethylhexyl)phthalate	13.49	149	170672	27.19	nq	# 87
84) Di-n-octylphthalate	14.09	149	256659	24.83	nq	96
85) Indeno(1,2,3-cd)pyrene	15.84	276	224070	36.23	nq	# 88
87) Benzo(b)fluoranthene	14.47	252	429283	53.03	nq	# 83
88) Benzo(k)fluoranthene	14.47	252	429283	63.91	nq	# 85
89) Benzo(a)pyrene	14.72	252	211417	30.82	nq	# 86
90) Dibenzo(a,h)anthracene	15.85	278	185455	34.99	nq	# 82
91) Benzo(g,h,i)perylene	16.16	276	184217	36.41	nq	# 73

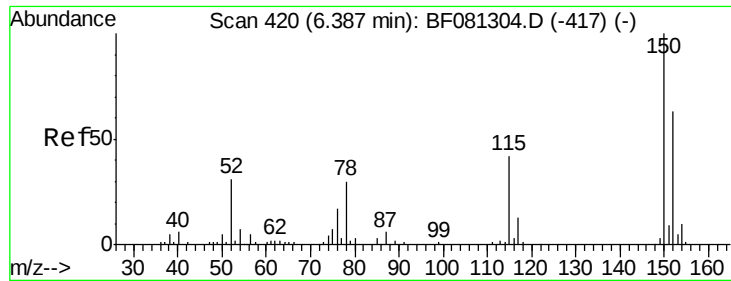
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

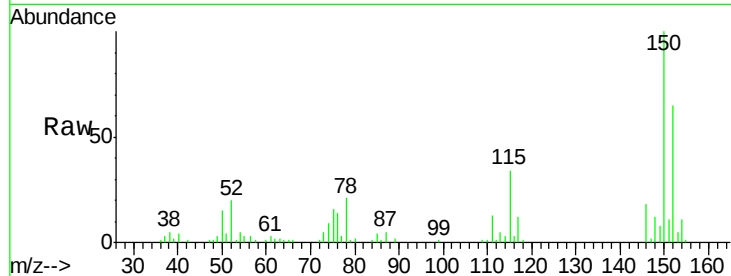
Tot Ion:152 Resp: 66536

Ion Ratio Lower Upper

152 100

150 153.2 124.7 187.1

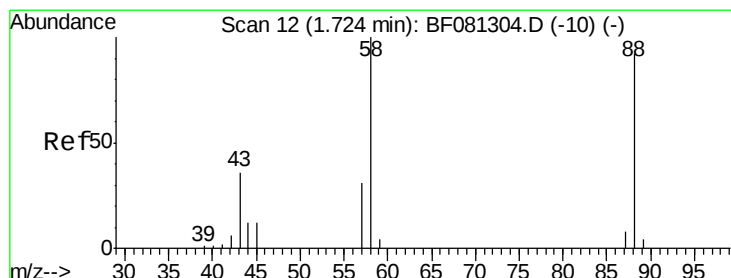
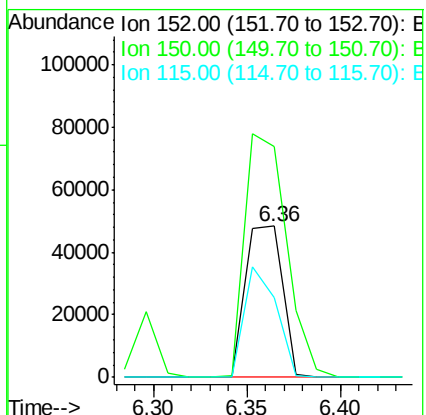
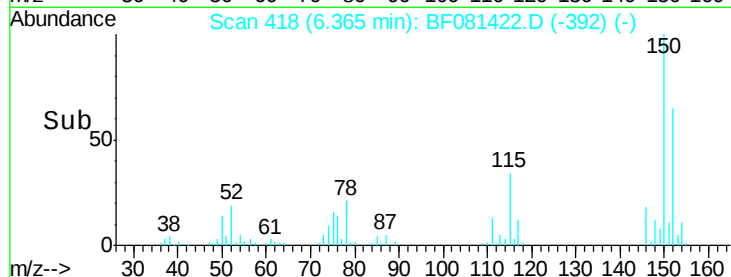
115 52.6 39.0 58.4



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: 26.16 ng

RT: 1.76 min Scan# 15

Delta R.T. 0.08 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

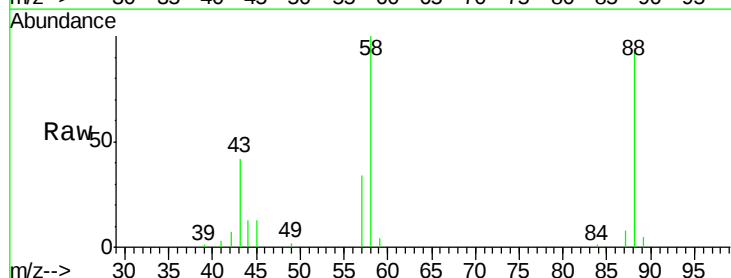
Tgt Ion: 88 Resp: 50394

Ion Ratio Lower Upper

88 100

58 104.6 77.7 116.5

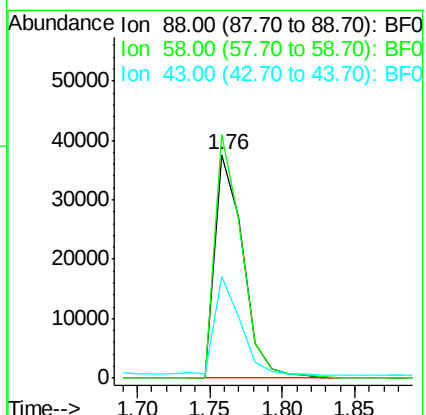
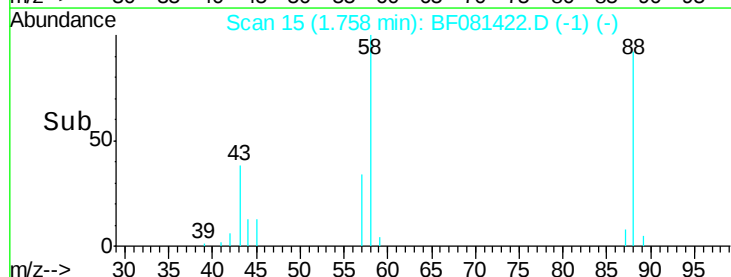
43 41.7 26.6 40.0#

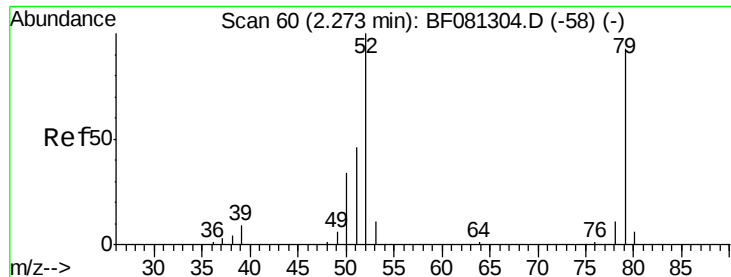


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 22.45 ng

RT: 2.31 min Scan# 63

Delta R.T. 0.08 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

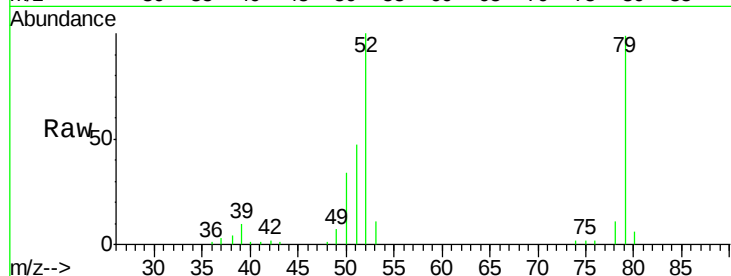
Tot Ion: 79 Resp: 119227

Ion Ratio Lower Upper

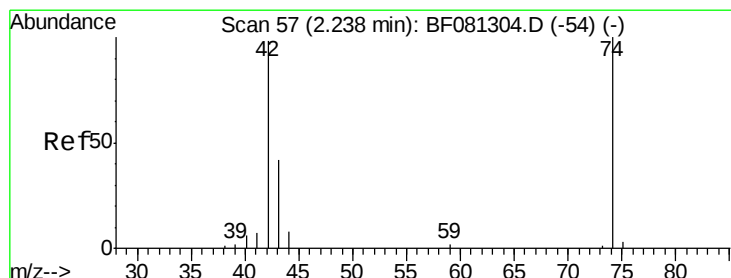
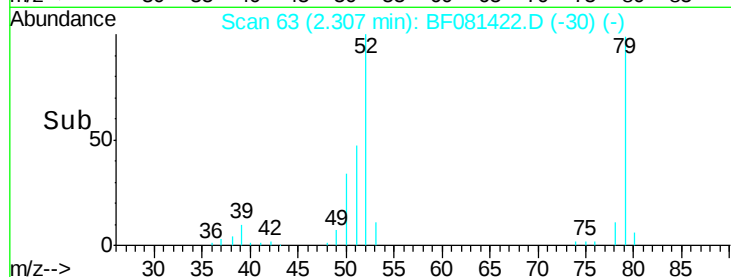
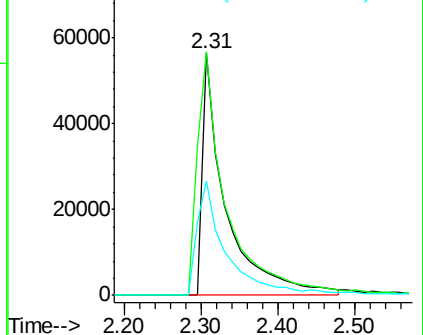
79 100

52 100.7 76.8 115.2

51 47.1 32.2 48.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 31.66 ng

RT: 2.26 min Scan# 59

Delta R.T. 0.07 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

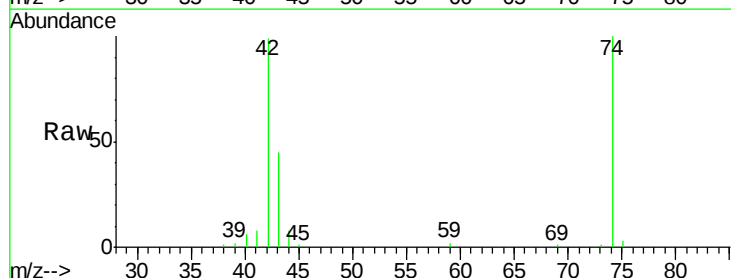
Tgt Ion: 42 Resp: 93395

Ion Ratio Lower Upper

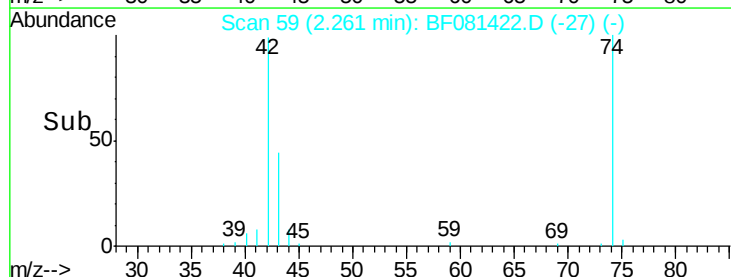
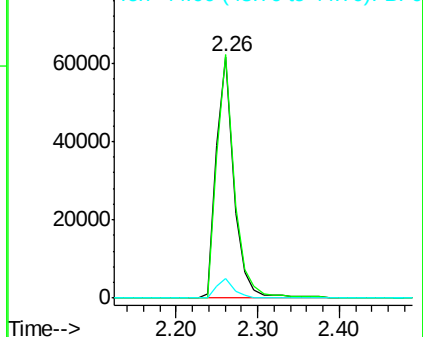
42 100

74 100.9 105.0 157.6#

44 8.3 6.6 10.0



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 91.44 ng

RT: 4.91 min Scan# 291

Delta R.T. 0.01 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

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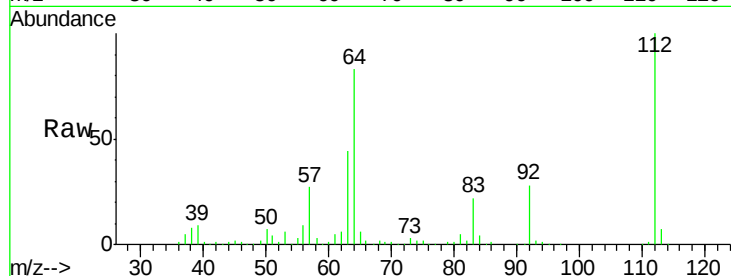
Tot Ion: 112 Resp: 392137

Ion Ratio Lower Upper

112 100

64 82.5 39.7 59.5#

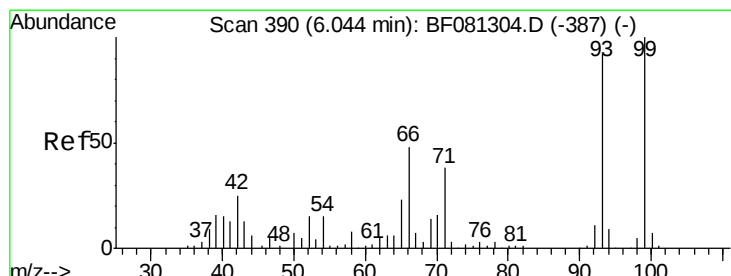
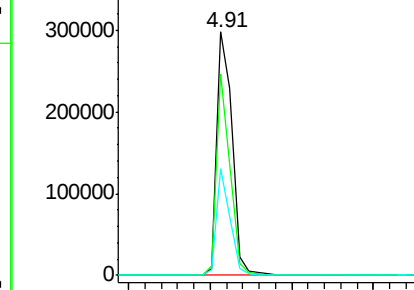
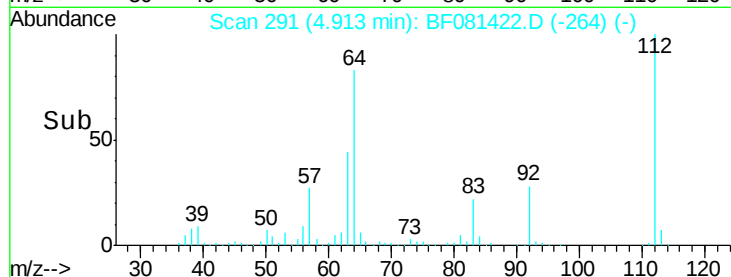
63 43.7 17.4 26.0#



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: 16.60 ng

RT: 6.02 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

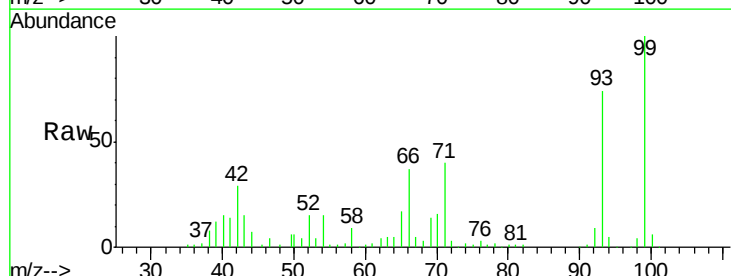
Tgt Ion: 93 Resp: 133041

Ion Ratio Lower Upper

93 100

66 49.8 27.2 40.8#

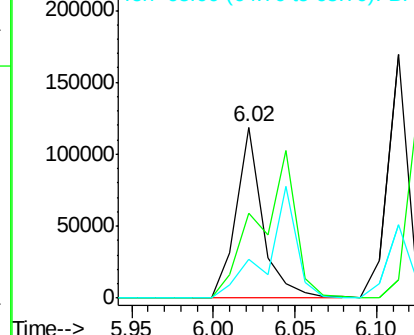
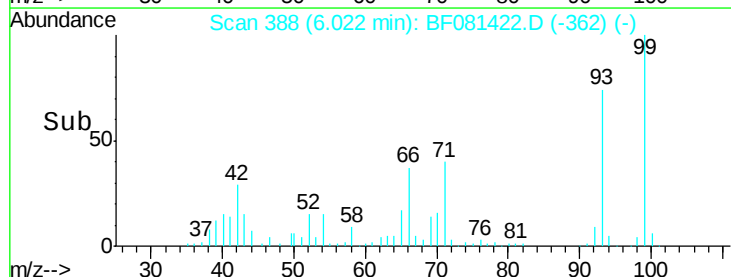
65 23.0 14.7 22.1#

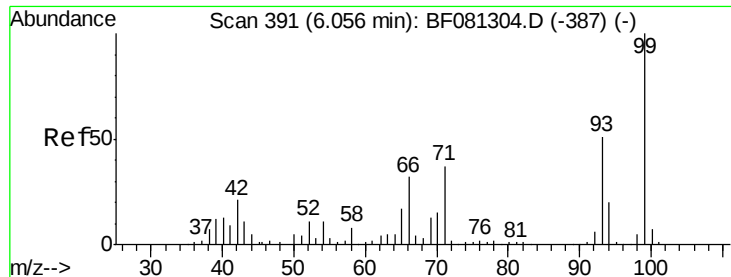


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.73 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

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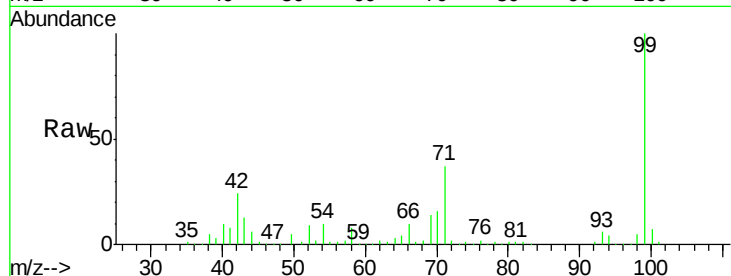
Tot Ion: 99 Resp: 503676

Ion Ratio Lower Upper

99 100

42 24.0 13.7 20.5#

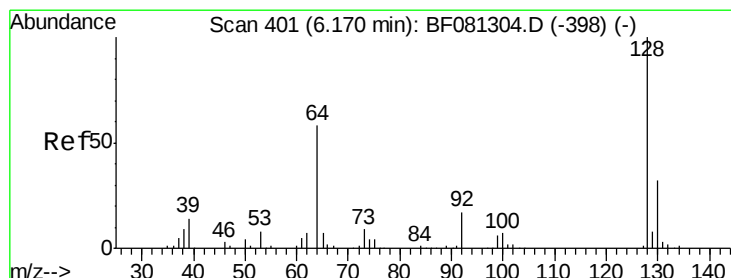
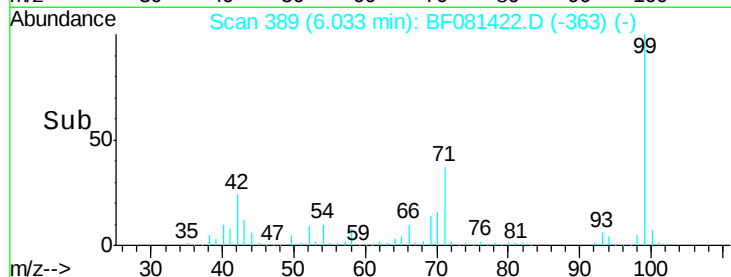
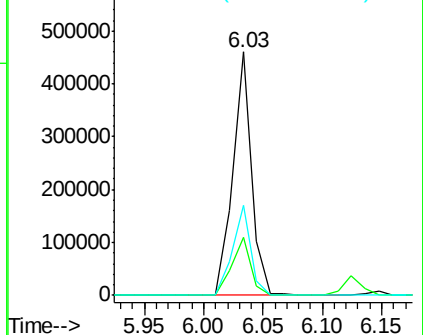
71 37.2 14.2 21.2#



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: 30.78 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

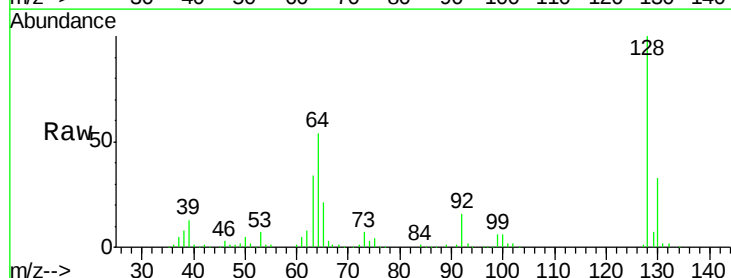
Tgt Ion: 128 Resp: 145463

Ion Ratio Lower Upper

128 100

130 33.3 12.2 52.2

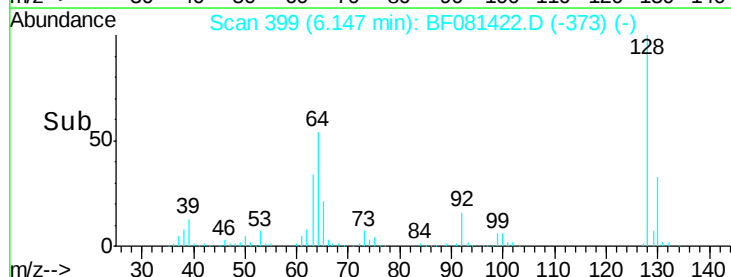
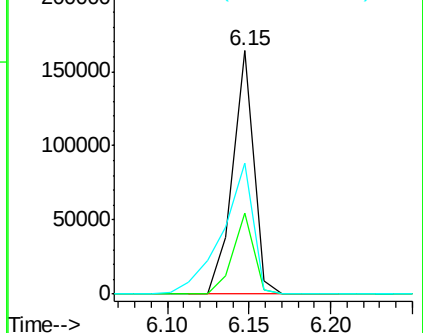
64 53.6 20.5 60.5

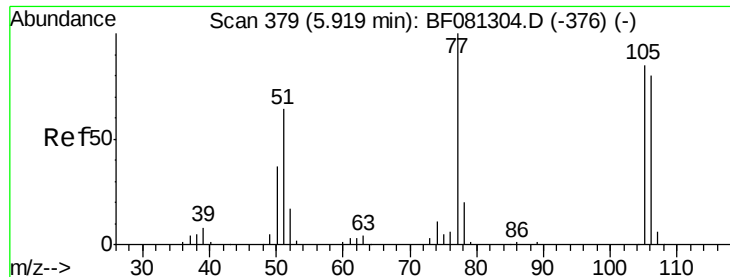


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

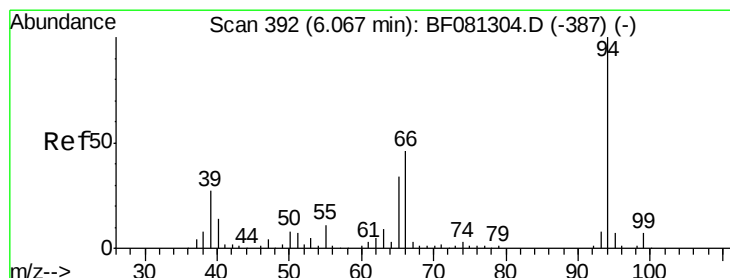
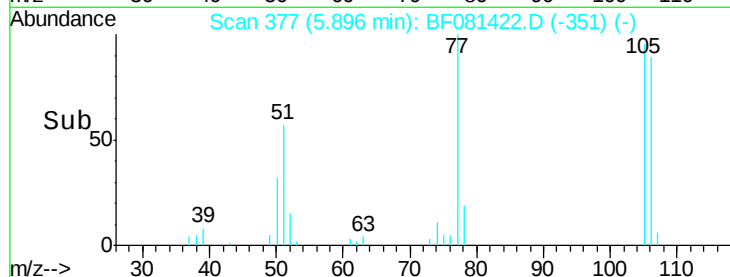
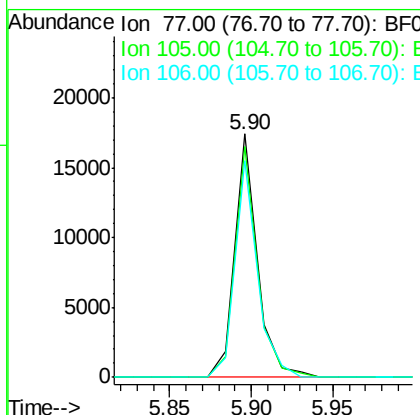
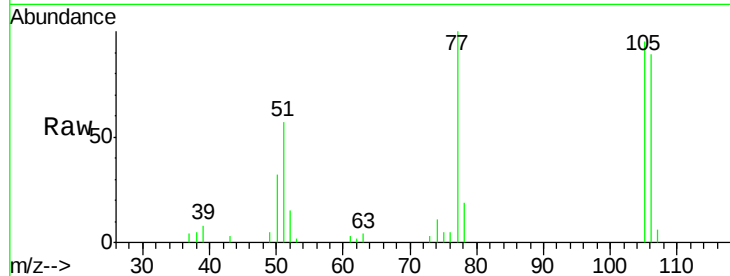




#9
Benzaldehyde
Concen: 4.66 ng
RT: 5.90 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

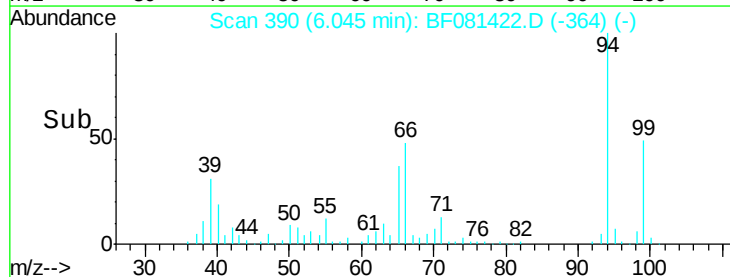
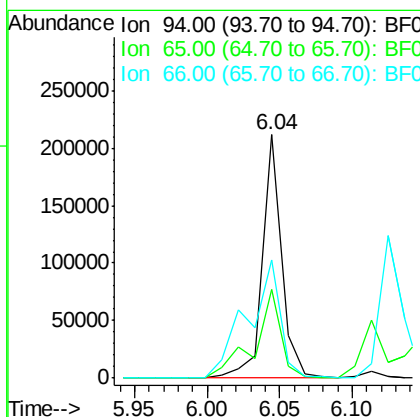
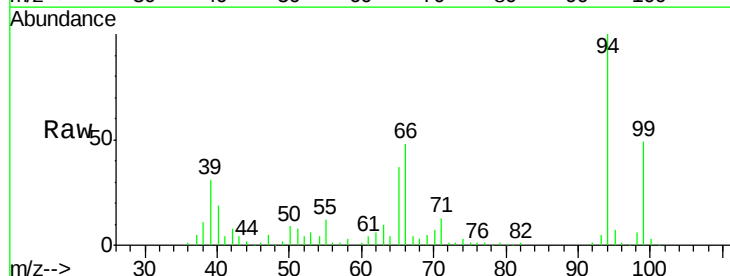
Instrument :
BNA_F
ClientSampleId :
PB85375BS

Tot Ion: 77 Resp: 16580
Ion Ratio Lower Upper
77 100
105 94.7 91.6 131.6
106 88.9 102.6 142.6#



#10
Phenol
Concen: 29.64 ng
RT: 6.04 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

Tgt Ion: 94 Resp: 195104
Ion Ratio Lower Upper
94 100
65 36.6 0.7 40.7
66 48.4 0.8 40.8#

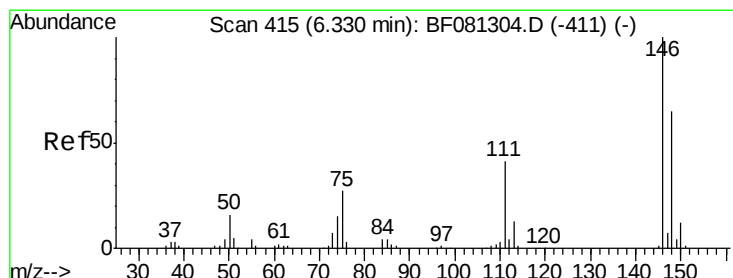
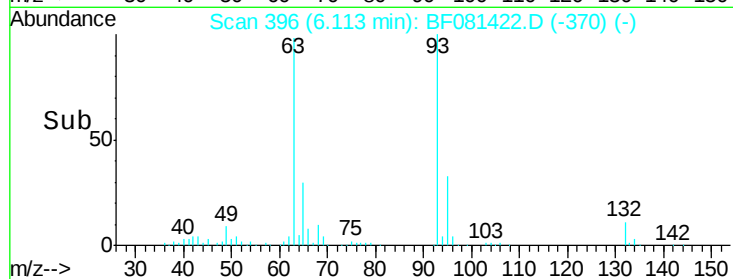
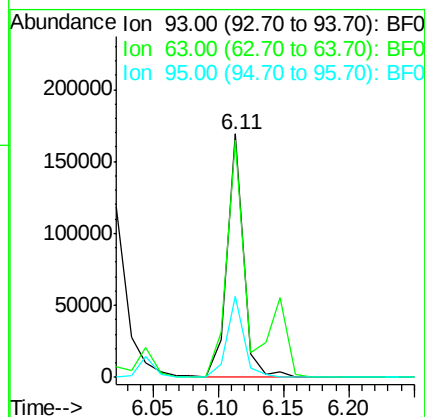
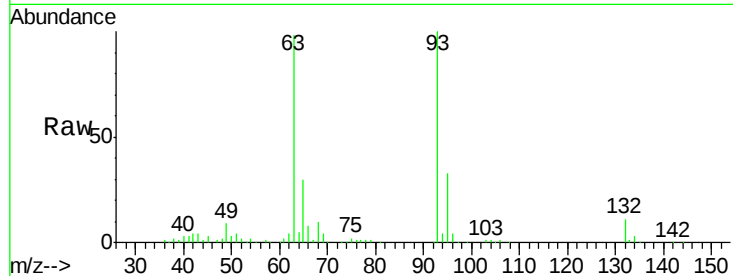




#11
bis(2-Chloroethyl)ether
Concen: 31.69 ng
RT: 6.11 min Scan# 396
Delta R.T. 0.00 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

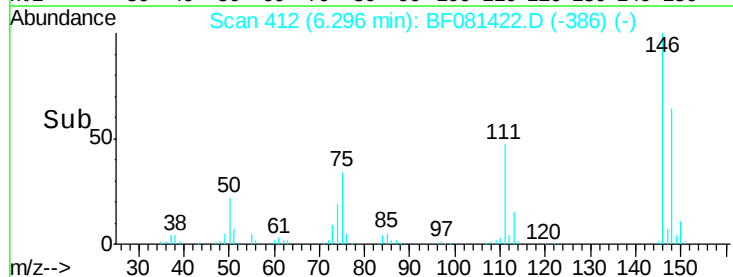
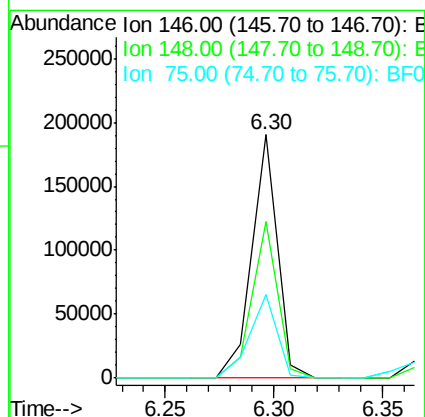
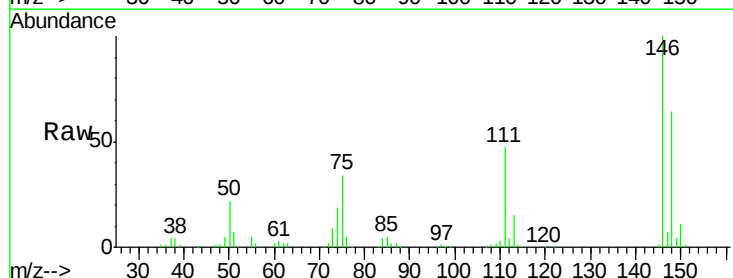
Instrument :
BNA_F
ClientSampleId :
PB85375BS

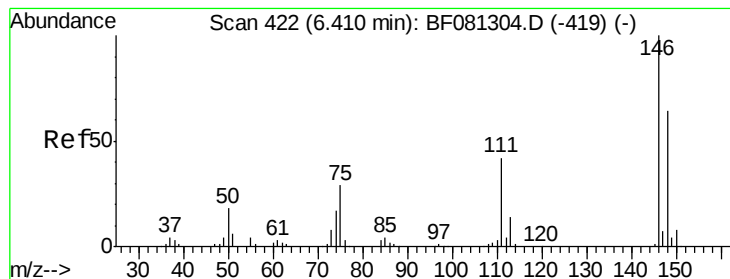
Tot Ion: 93 Resp: 150504
Ion Ratio Lower Upper
93 100
63 97.6 65.6 105.6
95 33.1 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 30.94 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

Tgt Ion: 146 Resp: 156225
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 34.4 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 30.10 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

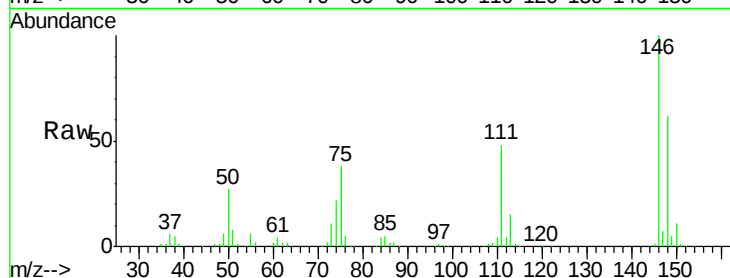
Tot Ion:146 Resp: 154723

Ion Ratio Lower Upper

146 100

148 61.7 51.8 77.6

111 47.7 24.9 37.3#

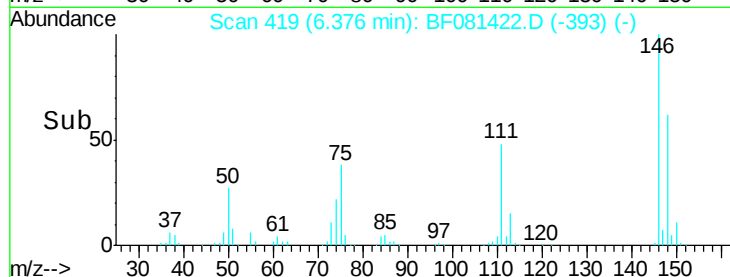


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

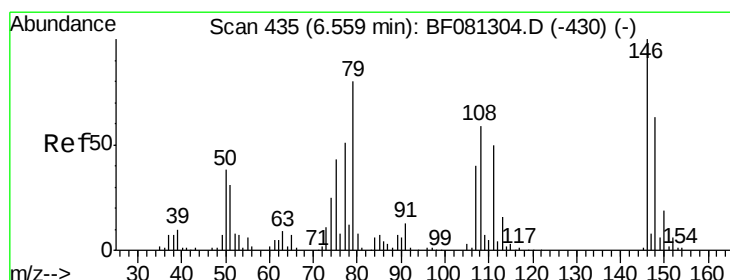
Ion 111.00 (110.70 to 111.70): E

Time-->



Abundance

Time-->



#14

1,2-Dichlorobenzene

Concen: 28.05 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

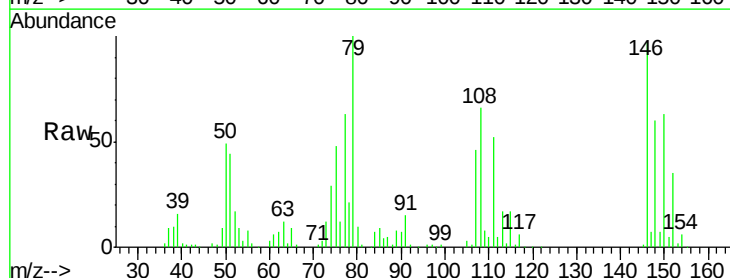
Tgt Ion:146 Resp: 129829

Ion Ratio Lower Upper

146 100

148 62.2 52.7 79.1

111 53.9 28.8 43.2#

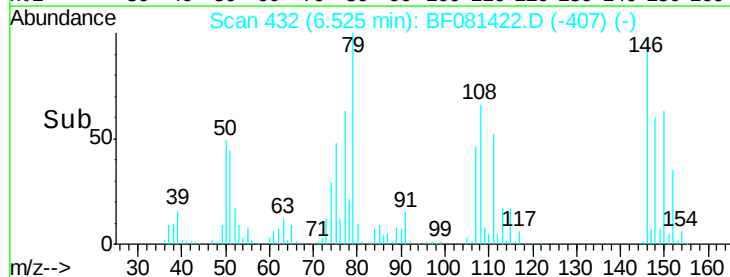


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

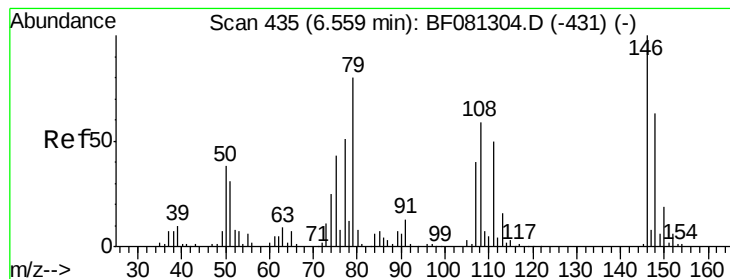
Ion 111.00 (110.70 to 111.70): E

Time-->



Abundance

Time-->



#15

Benzyl Alcohol

Concen: 28.90 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

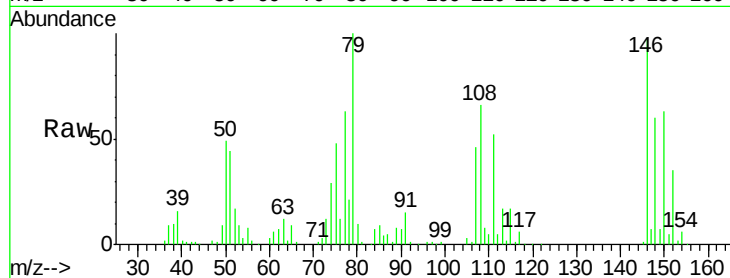
Tot Ion: 79 Resp: 134568

Ion Ratio Lower Upper

79 100

108 65.9 88.6 132.8#

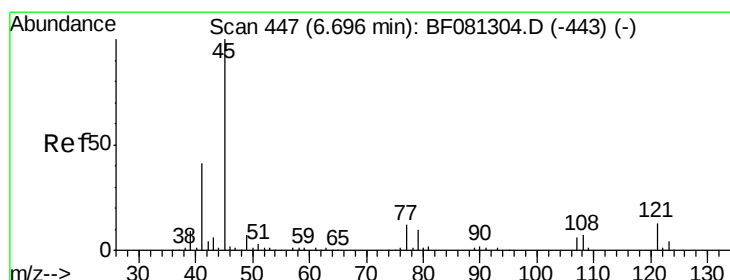
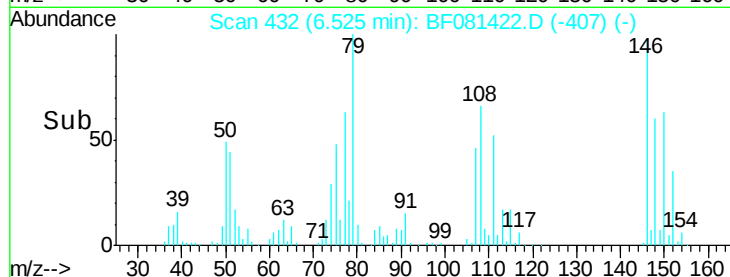
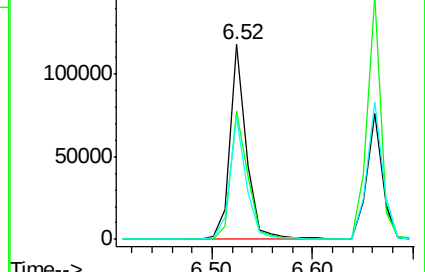
77 62.8 47.0 70.4



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: 32.70 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

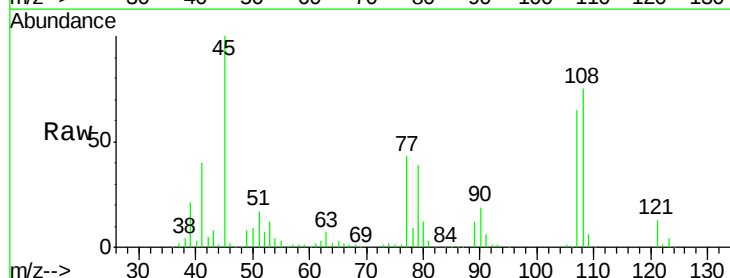
Tgt Ion: 45 Resp: 297649

Ion Ratio Lower Upper

45 100

77 42.5 0.0 28.1#

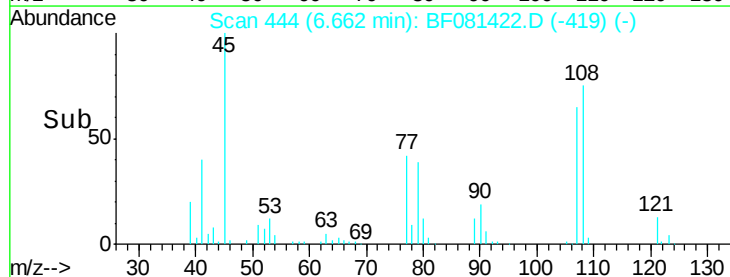
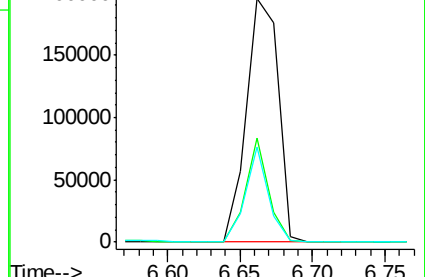
79 39.1 0.0 26.0#

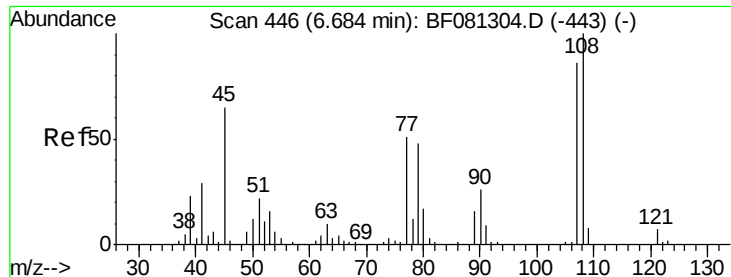


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

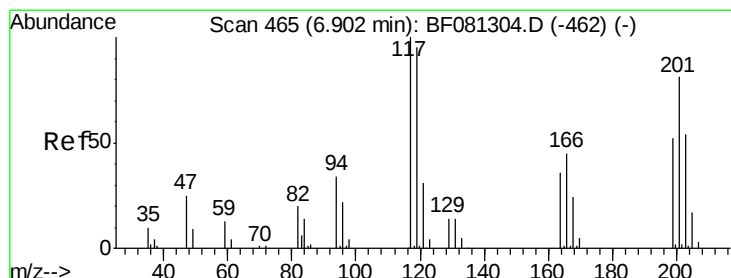
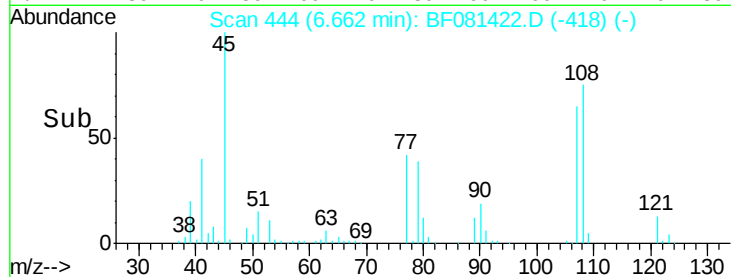
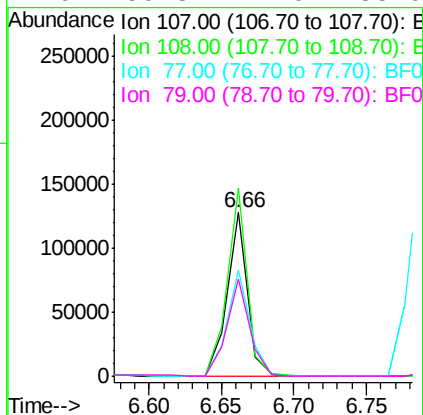
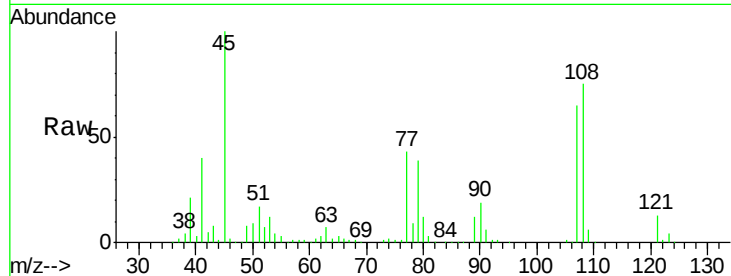




#17
 2-Methylphenol
 Concen: 32.50 ng
 RT: 6.66 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

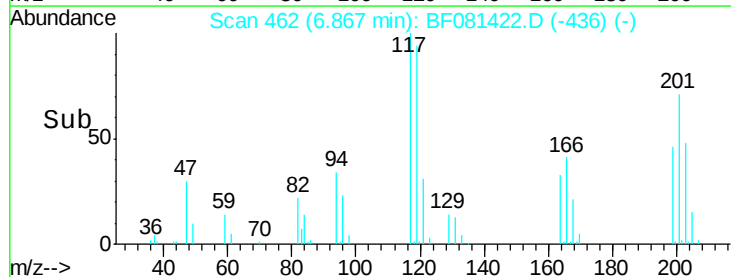
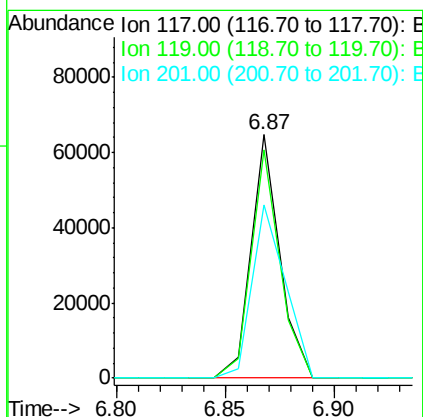
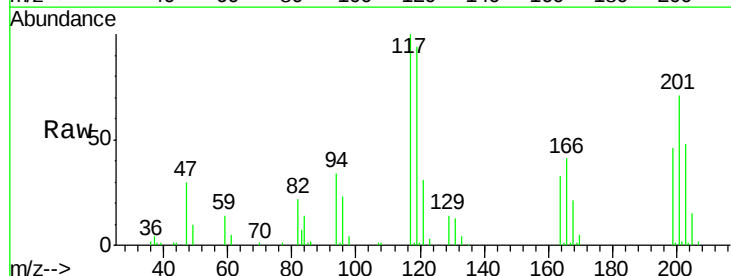
Instrument :
 BNA_F
 ClientSampleId :
 PB85375BS

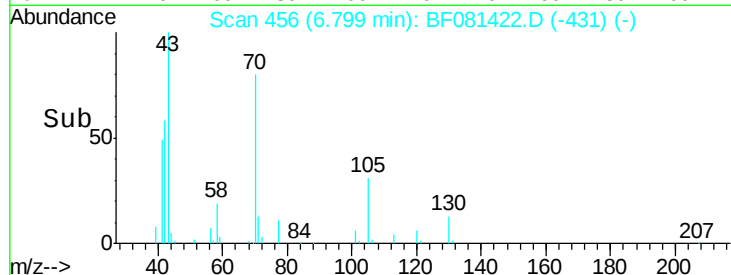
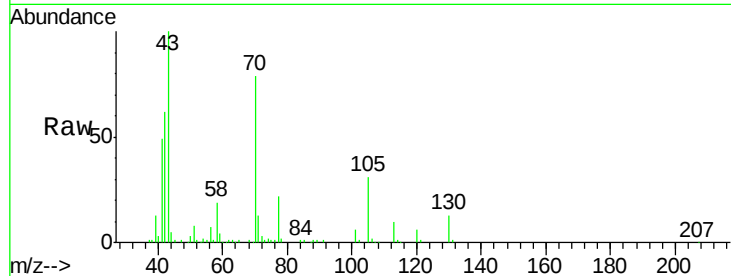
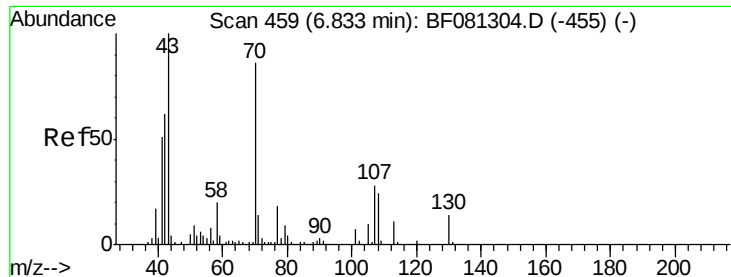
Tot Ion:	107	Resp:	122559
Ion	Ratio	Lower	Upper
107	100		
108	115.5	96.6	145.0
77	65.1	23.3	34.9#
79	59.8	22.0	33.0#



#18
 Hexachloroethane
 Concen: 29.67 ng
 RT: 6.87 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Tgt Ion:	117	Resp:	59345
Ion	Ratio	Lower	Upper
117	100		
119	93.6	83.8	125.6
201	71.2	55.1	82.7

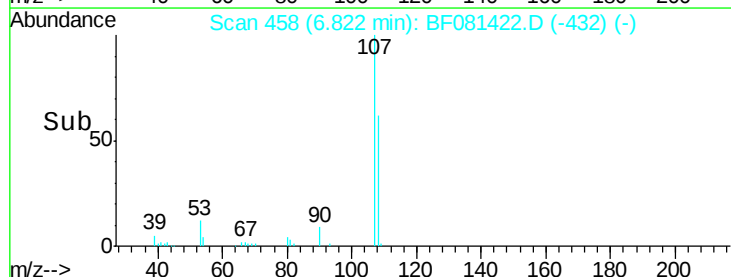
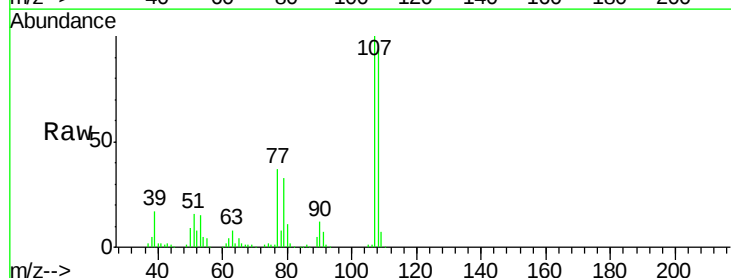
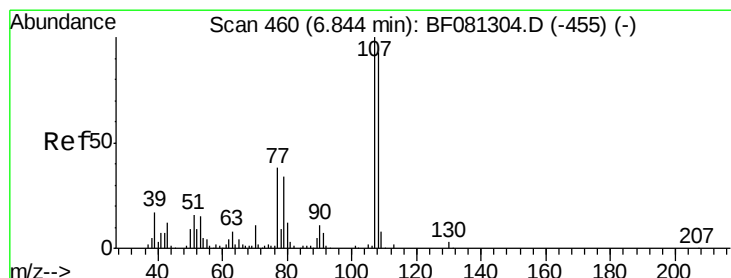
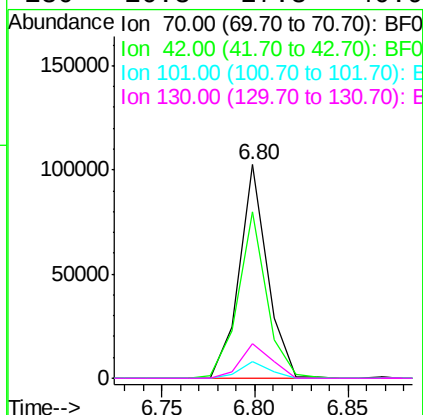




#19
n-Nitroso-di-n-propylamine
Concen: 27.88 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

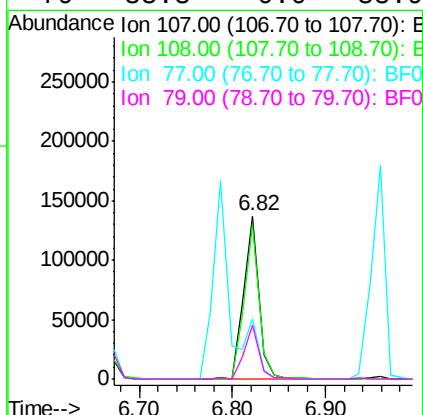
Instrument :
BNA_F
ClientSampleId :
PB85375BS

Tot Ion:	70	Resp:	107716
Ion	Ratio	Lower	Upper
70	100		
42	78.2	63.8	95.6
101	8.0	9.2	13.8#
130	16.3	27.3	40.9#



#20
3+4-Methylphenols
Concen: 30.89 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

Tgt Ion:	107	Resp:	157053
Ion	Ratio	Lower	Upper
107	100		
108	94.1	74.6	114.6
77	36.9	0.7	40.7
79	33.3	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

Tot Ion:136 Resp: 232997

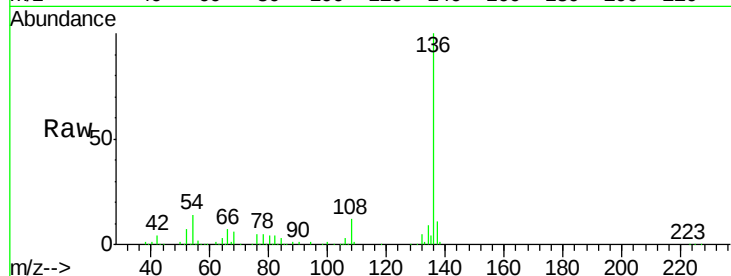
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 13.7 8.2 12.2#

68 6.4 5.8 8.6

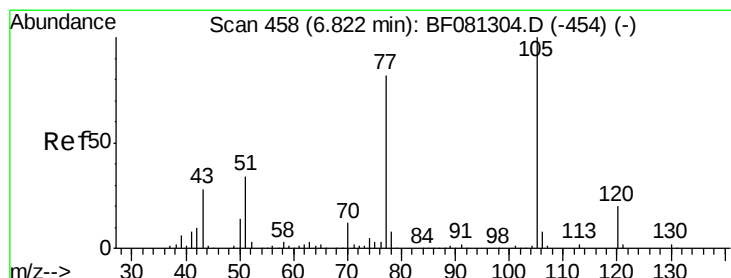
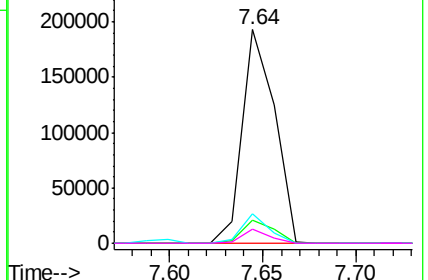
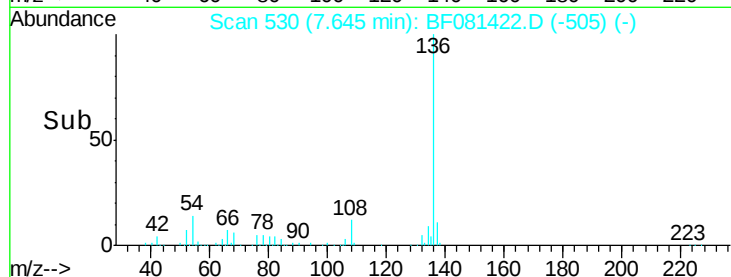


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.73 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Tgt Ion:105 Resp: 214651

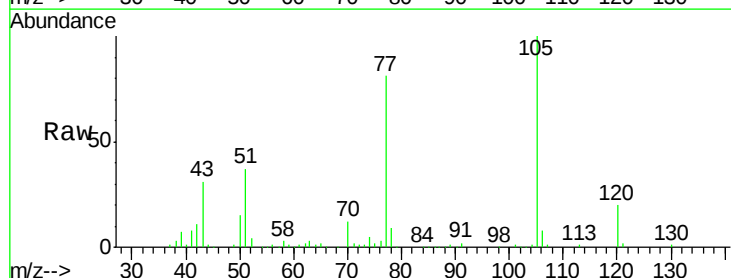
Ion Ratio Lower Upper

105 100

71 1.9 4.7 7.1#

51 36.7 22.0 33.0#

120 19.5 30.1 45.1#

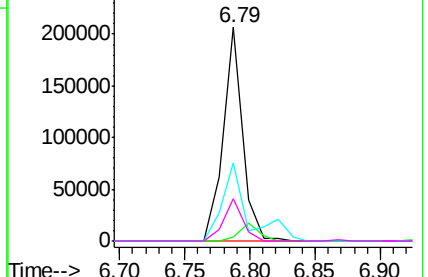
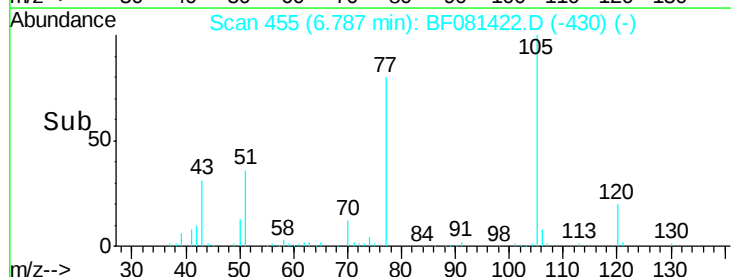


Abundance Ion 105.00 (104.70 to 105.70): E

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

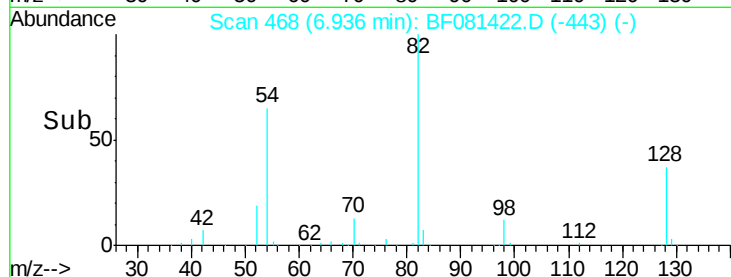
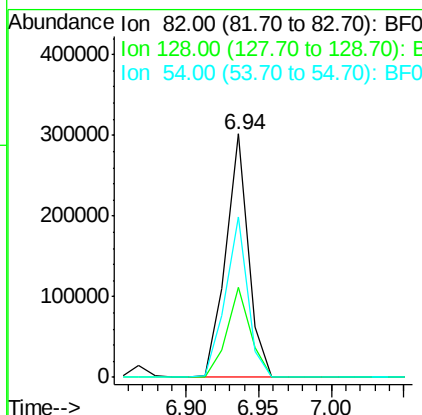
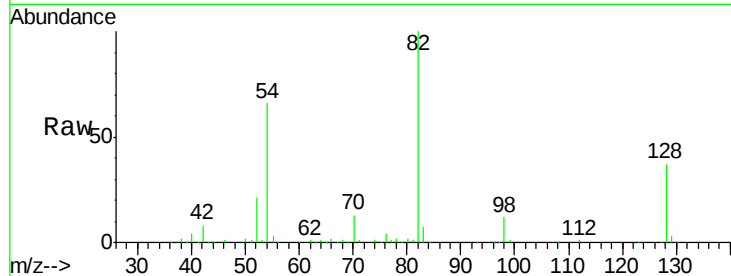




#23
 Nitrobenzene-d5
 Concen: 67.77 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

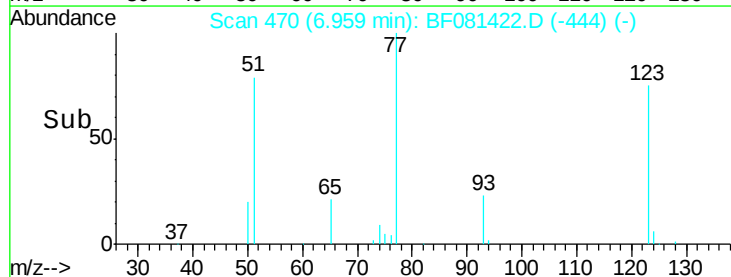
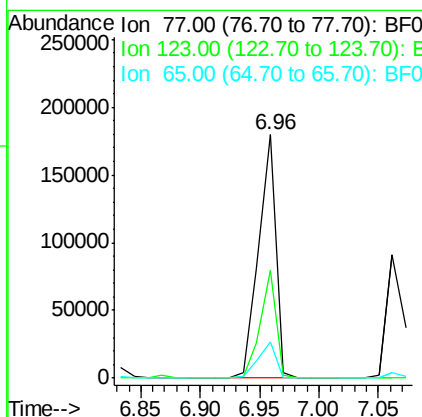
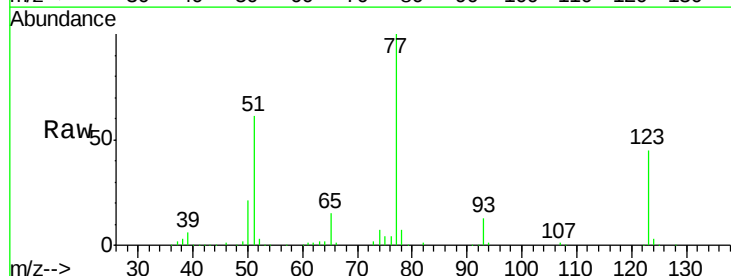
Instrument :
 BNA_F
 ClientSampleId :
 PB85375BS

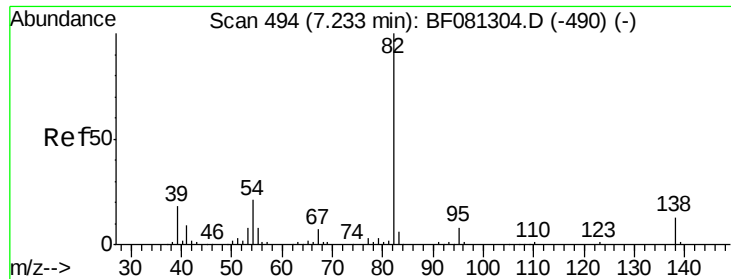
Tot Ion: 82 Resp: 327271
 Ion Ratio Lower Upper
 82 100
 128 37.1 51.0 76.6#
 54 66.0 47.5 71.3



#24
 Nitrobenzene
 Concen: 36.96 ng
 RT: 6.96 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Tgt Ion: 77 Resp: 185372
 Ion Ratio Lower Upper
 77 100
 123 44.5 59.8 89.8#
 65 14.9 10.2 15.4





#25

Isophorone

Concen: 30.45 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

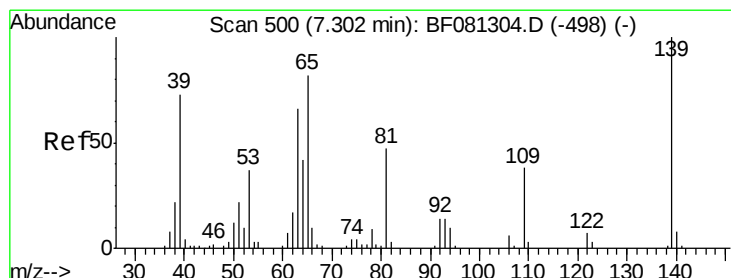
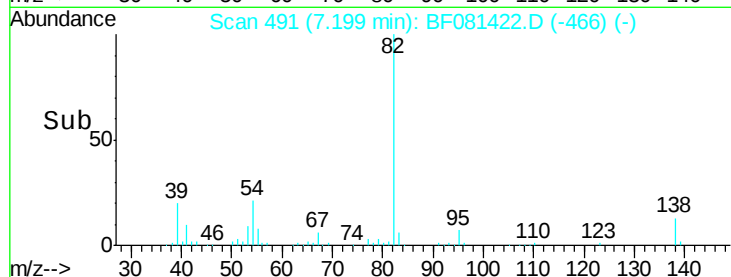
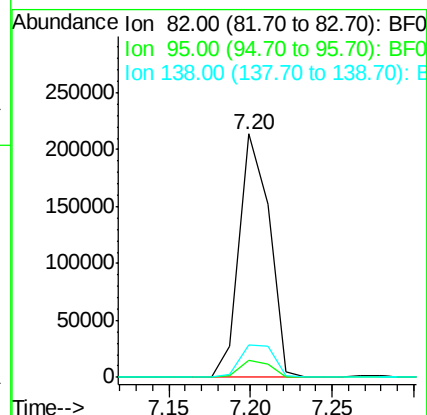
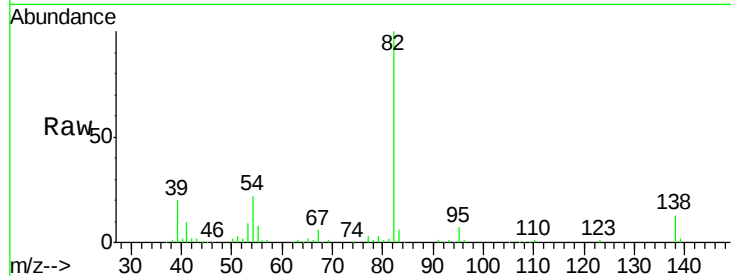
Tot Ion: 82 Resp: 273512

Ion Ratio Lower Upper

82 100

95 6.9 4.0 6.0#

138 13.1 18.3 27.5#



#26

2-Nitrophenol

Concen: 31.89 ng

RT: 7.28 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

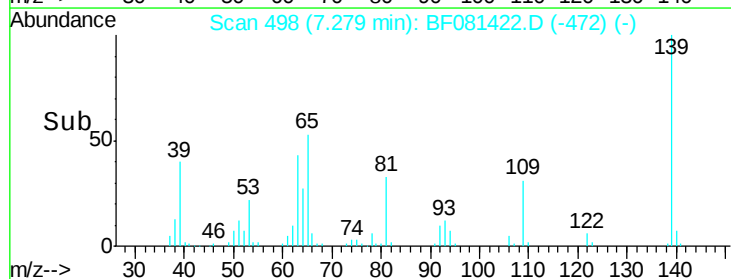
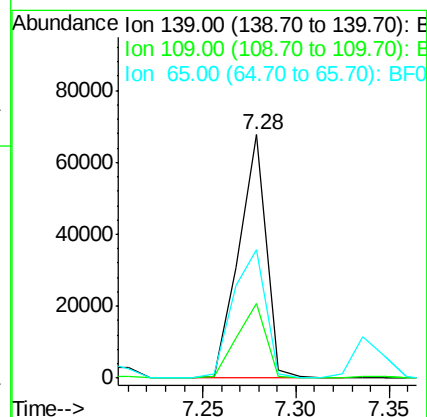
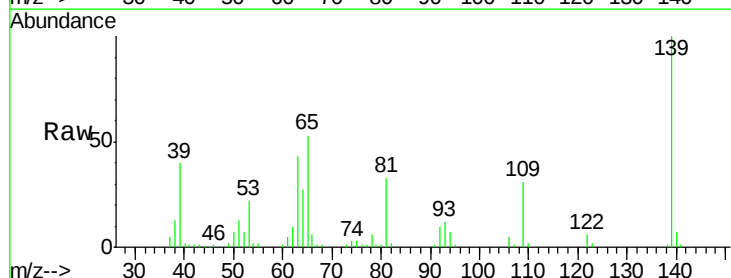
Tgt Ion: 139 Resp: 69703

Ion Ratio Lower Upper

139 100

109 30.7 11.0 16.4#

65 52.6 24.7 37.1#

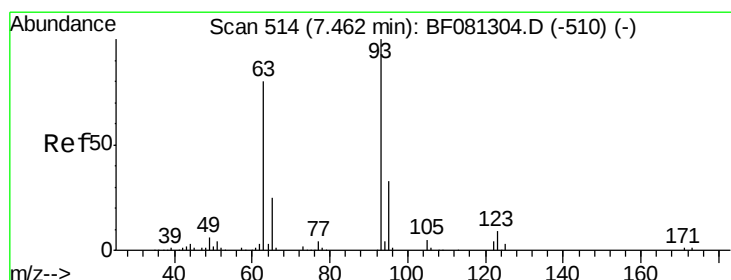
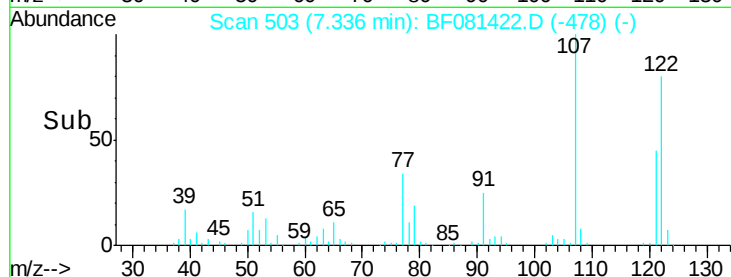
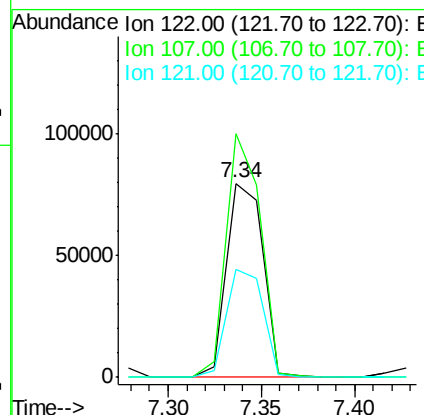
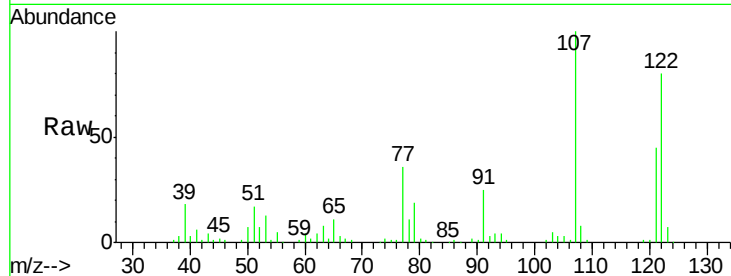




#27
 2,4-Dimethylphenol
 Concen: 29.12 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

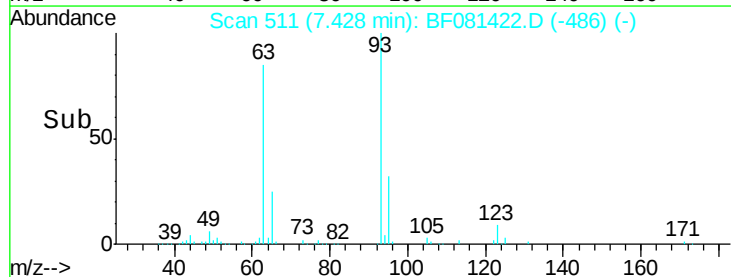
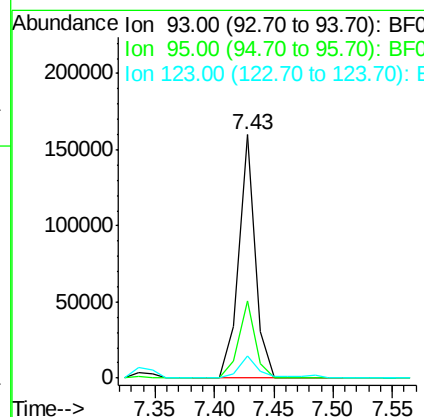
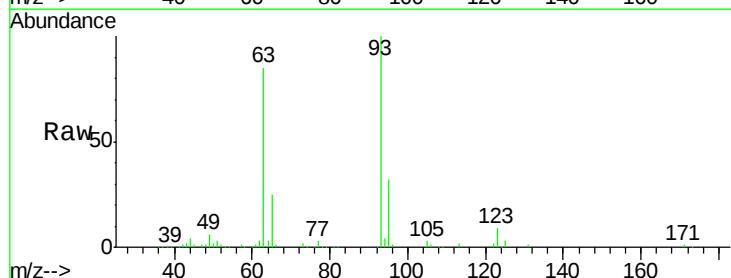
Instrument :
 BNA_F
 ClientSampled :
 PB85375BS

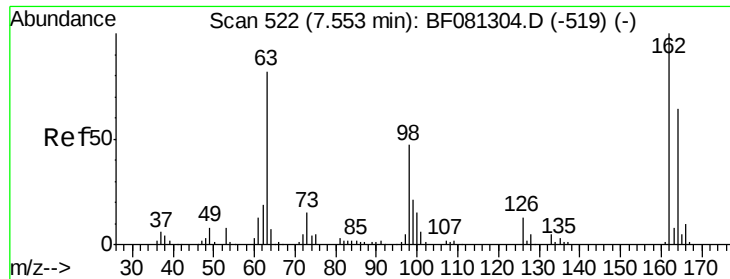
Tot Ion:122 Resp: 109956
 Ion Ratio Lower Upper
 122 100
 107 125.4 71.8 107.6#
 121 55.9 42.3 63.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.82 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.01 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Tgt Ion: 93 Resp: 154745
 Ion Ratio Lower Upper
 93 100
 95 31.9 27.5 41.3
 123 9.0 13.7 20.5#

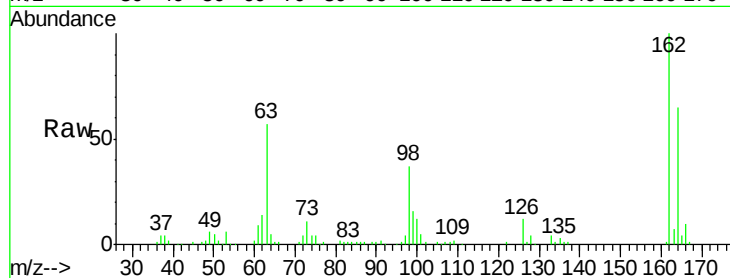




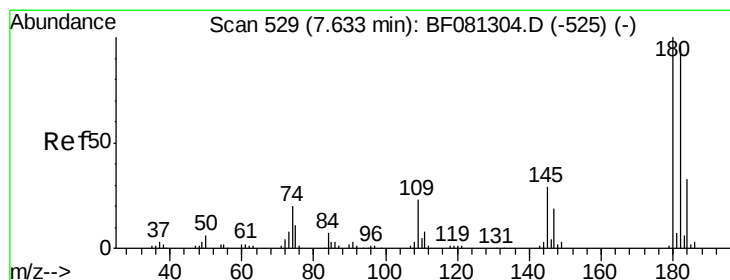
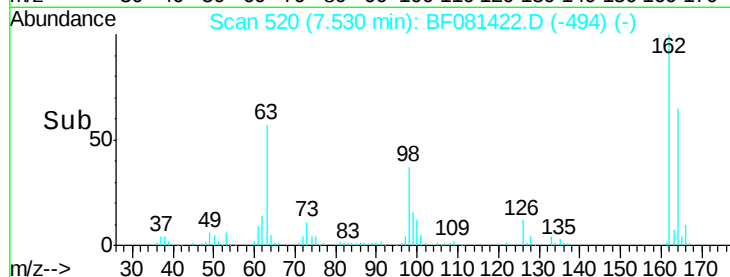
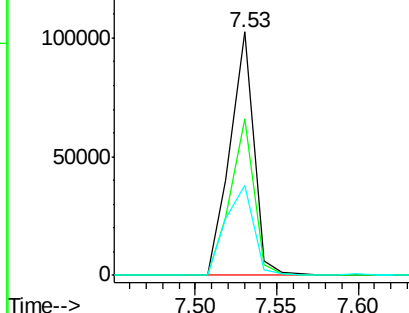
#29
 2,4-Dichlorophenol
 Concen: 31.56 ng
 RT: 7.53 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85375BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.9	84.9
98	36.7	13.0	53.0

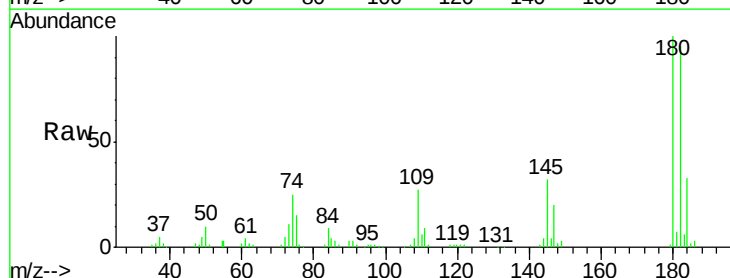


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

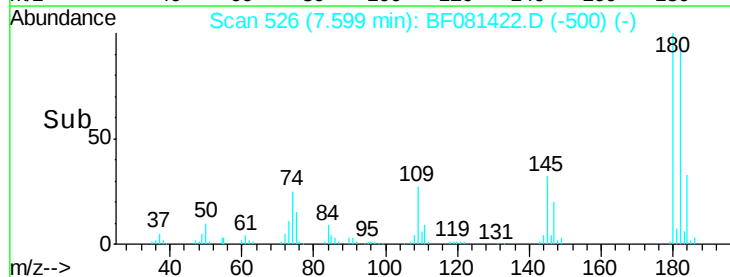
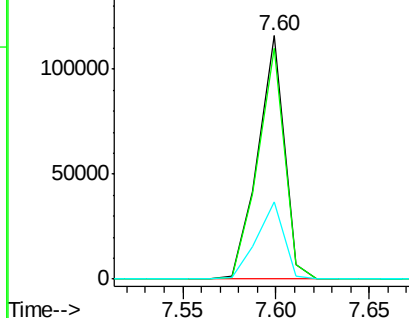


#30
 1,2,4-Trichlorobenzene
 Concen: 31.86 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.1	115.7
145	31.5	23.3	34.9



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





#31

Naphthalene

Concen: 28.36 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

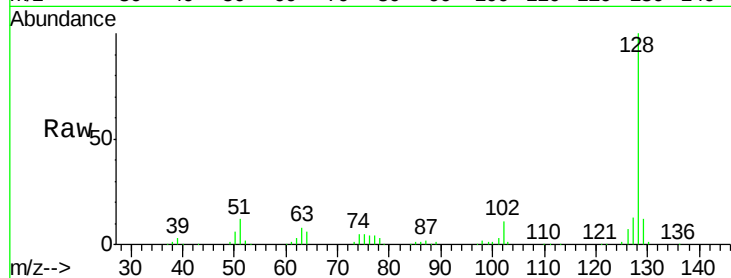
Tot Ion:128 Resp: 352419

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

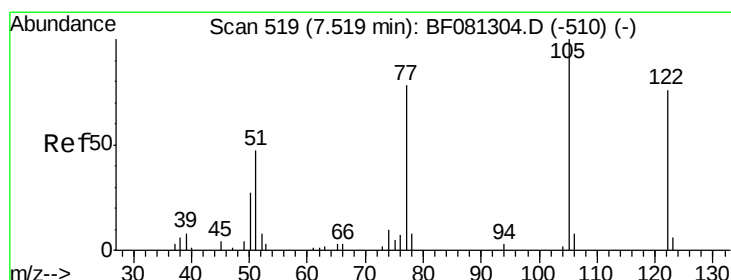
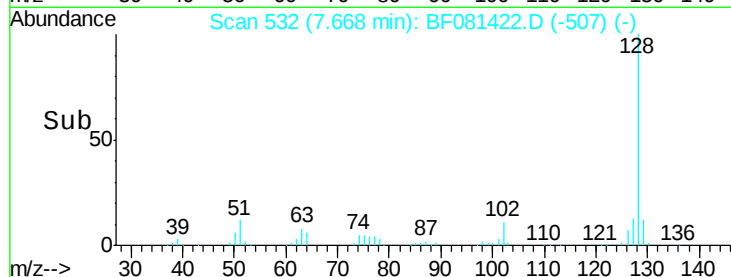
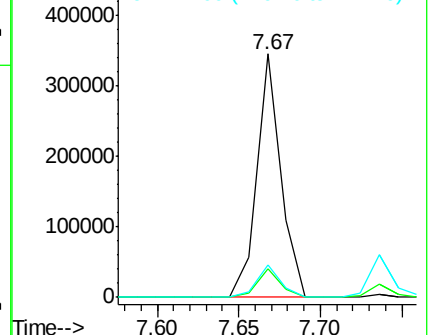
127 13.2 9.9 14.9



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: 22.99 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

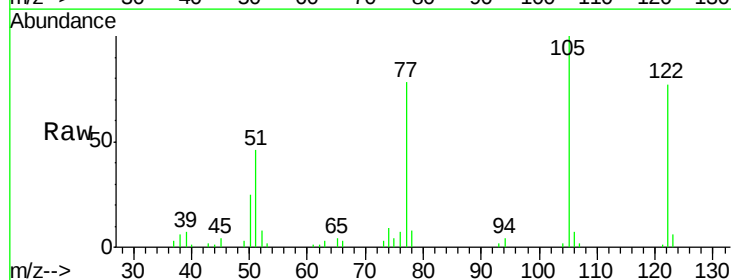
Tgt Ion:122 Resp: 58195

Ion Ratio Lower Upper

122 100

105 129.6 76.1 116.1#

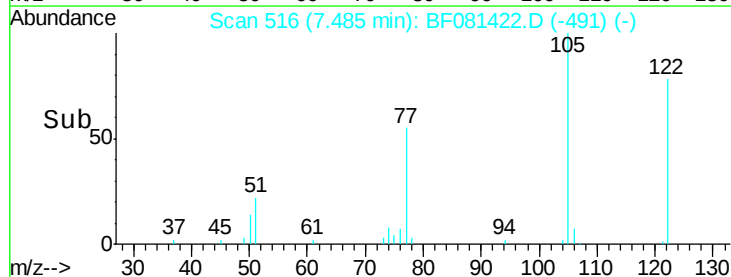
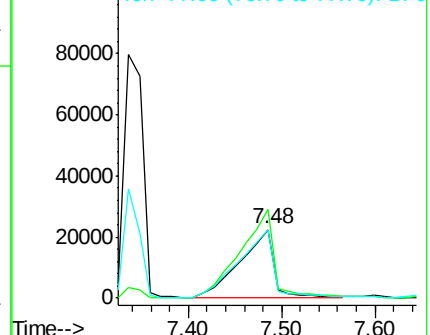
77 100.7 40.5 80.5#



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

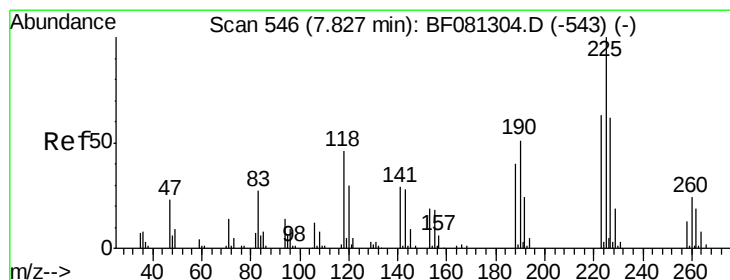
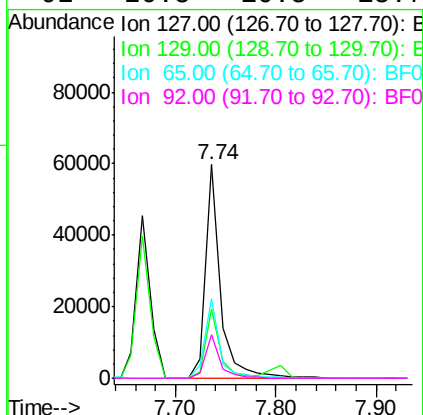
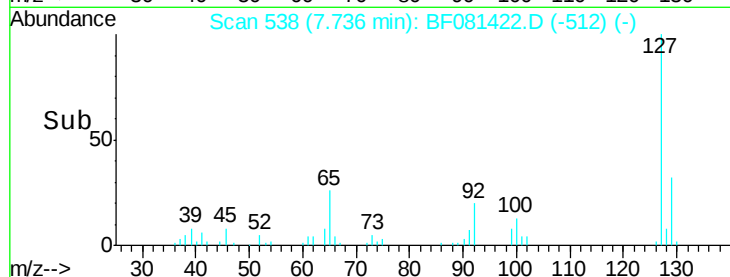
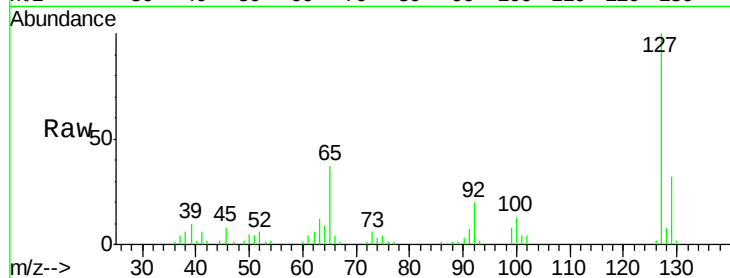




#33
4-Chloroaniline
Concen: 12.21 ng
RT: 7.74 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

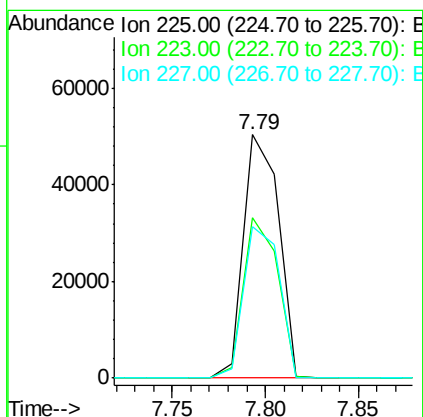
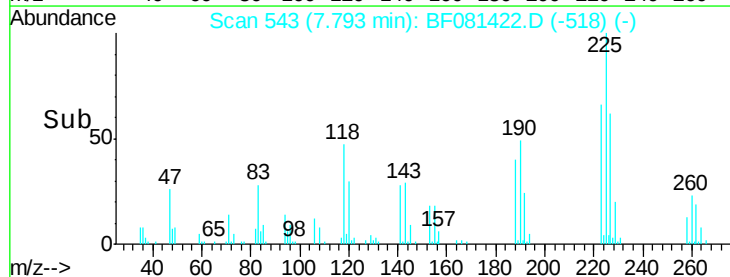
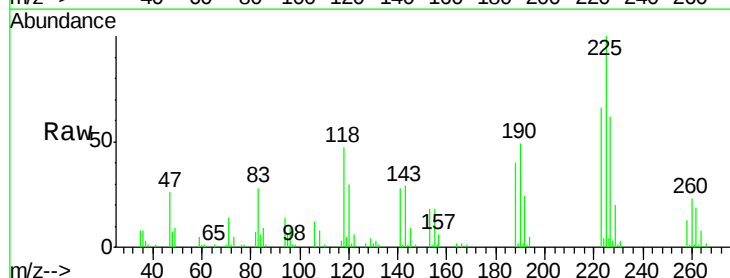
Instrument :
BNA_F
ClientSampleId :
PB85375BS

Tot Ion:127 Resp: 61906
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.6
65 36.9 17.9 26.9#
92 20.5 10.5 15.7#



#34
Hexachlorobutadiene
Concen: 30.49 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

Tgt Ion:225 Resp: 65999
Ion Ratio Lower Upper
225 100
223 66.0 50.2 75.2
227 62.3 52.2 78.2





#35

Caprolactam

Concen: 21.30 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

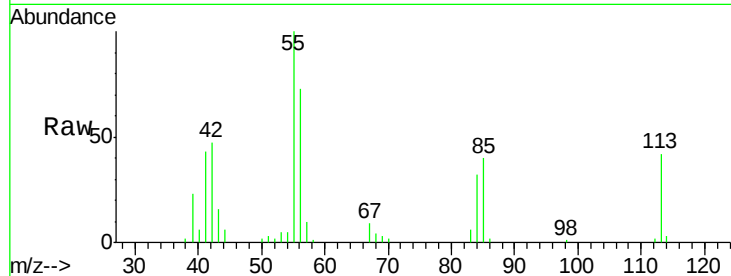
Tot Ion:113 Resp: 21387

Ion Ratio Lower Upper

113 100

55 239.8 152.4 192.4#

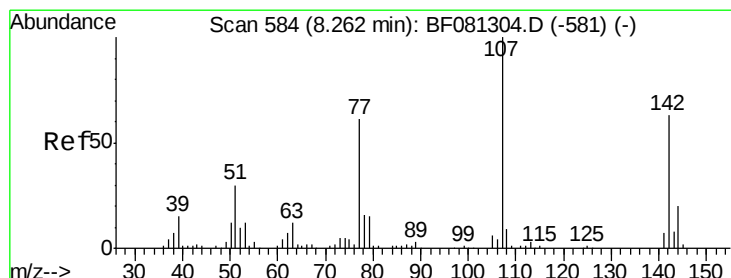
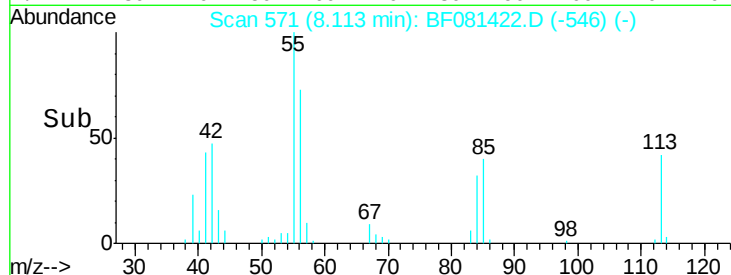
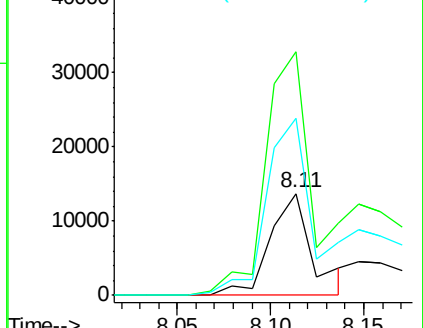
56 173.9 104.6 144.6#



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: 33.31 ng

RT: 8.25 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

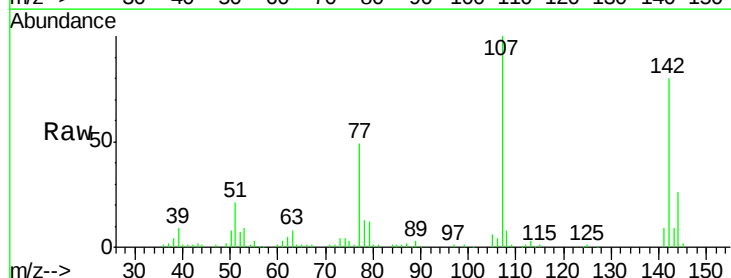
Tgt Ion:107 Resp: 122055

Ion Ratio Lower Upper

107 100

144 25.9 25.4 38.0

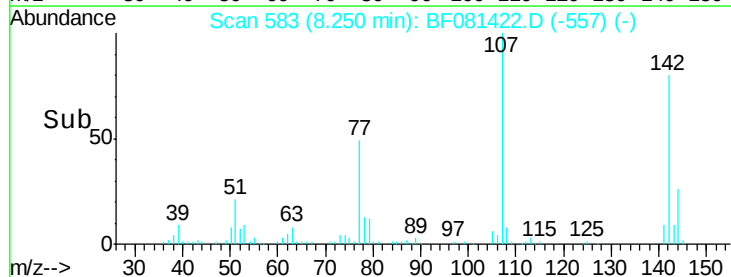
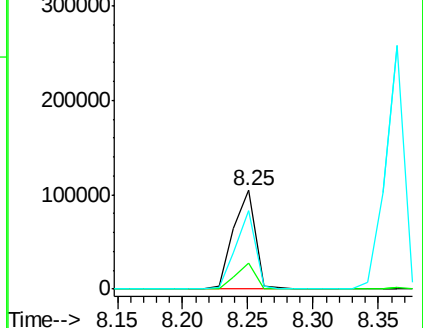
142 80.3 77.3 115.9

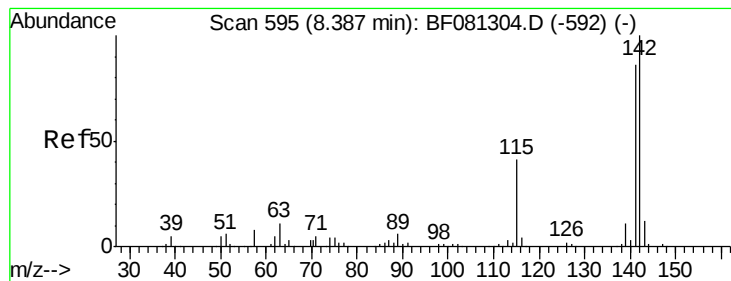


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

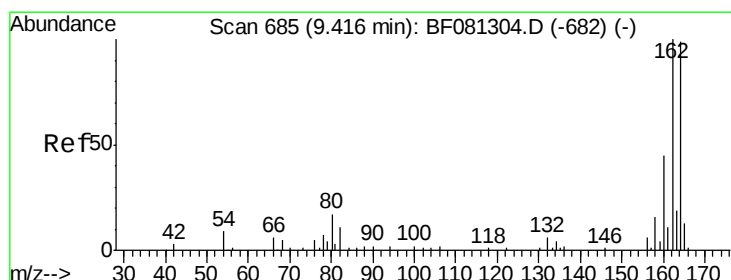
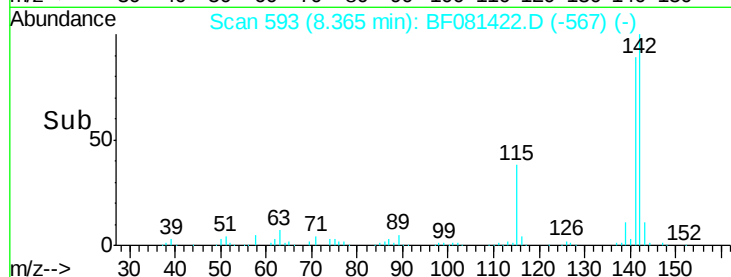
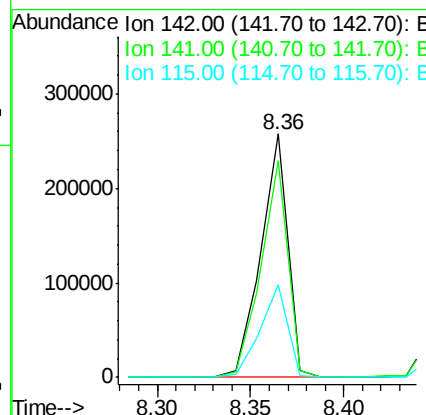
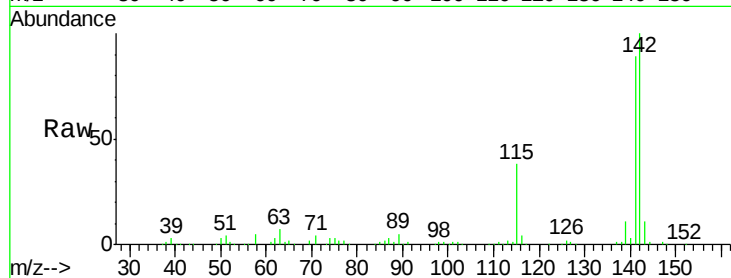




#37
 2-Methylnaphthalene
 Concen: 31.77 ng
 RT: 8.36 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

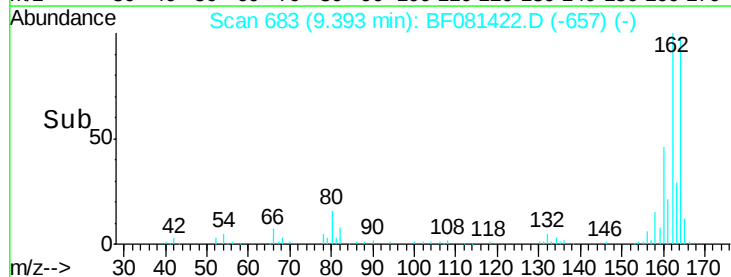
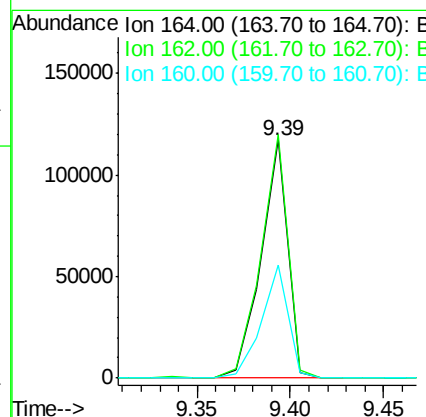
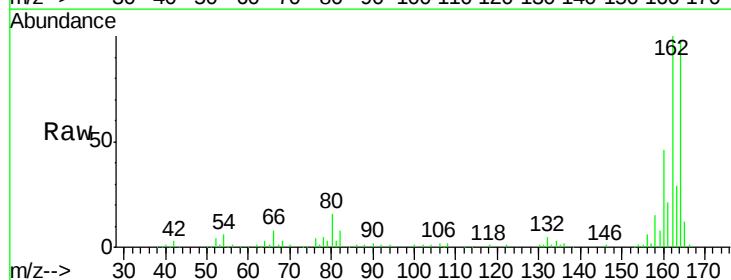
Instrument :
 BNA_F
 ClientSampleId :
 PB85375BS

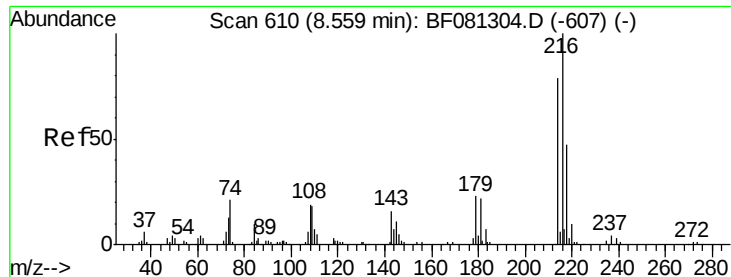
Tot Ion:142 Resp: 256867
 Ion Ratio Lower Upper
 142 100
 141 89.0 67.5 101.3
 115 37.9 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.39 min Scan# 683
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Tgt Ion:164 Resp: 115304
 Ion Ratio Lower Upper
 164 100
 162 102.1 75.2 112.8
 160 47.3 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.68 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

Tot Ion:216 Resp: 97284

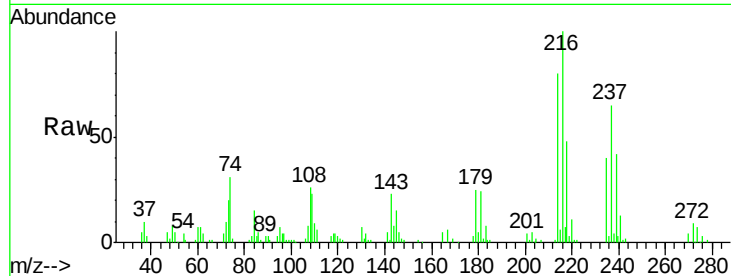
Ion Ratio Lower Upper

216 100

214 80.0 63.5 95.3

179 22.5 16.6 24.8

108 22.9 16.3 24.5

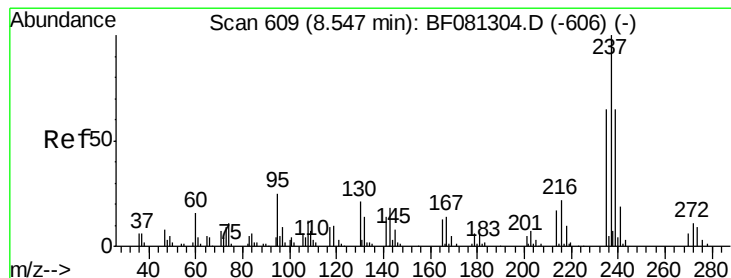
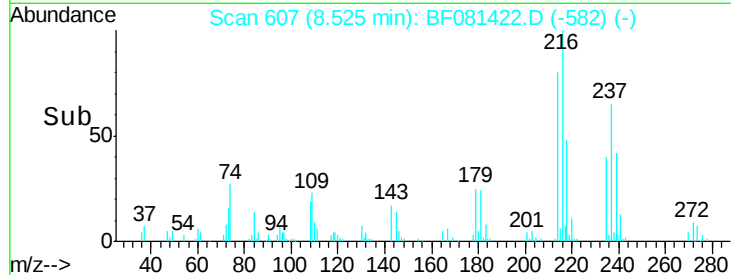
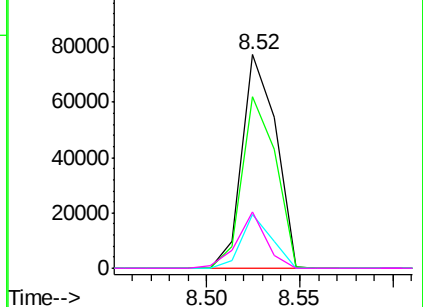


Abundance Ion 216.00 (215.70 to 216.70): E

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: 52.62 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

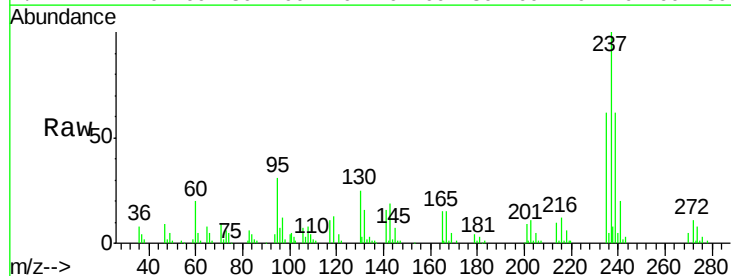
Tgt Ion:237 Resp: 94166

Ion Ratio Lower Upper

237 100

235 62.4 42.0 82.0

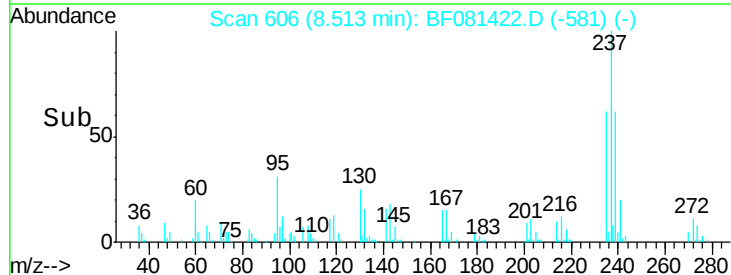
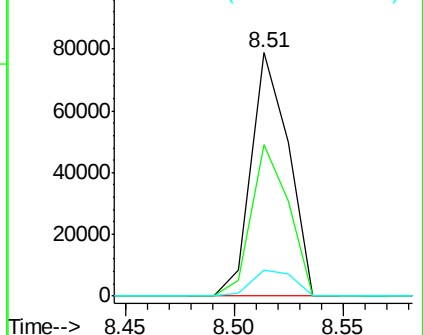
272 10.7 0.0 36.1



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

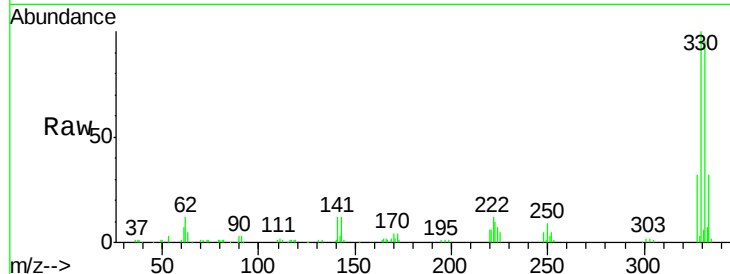




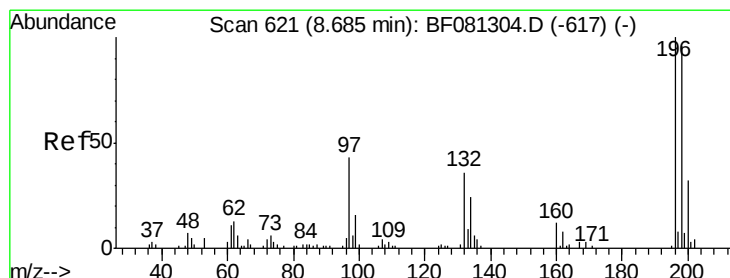
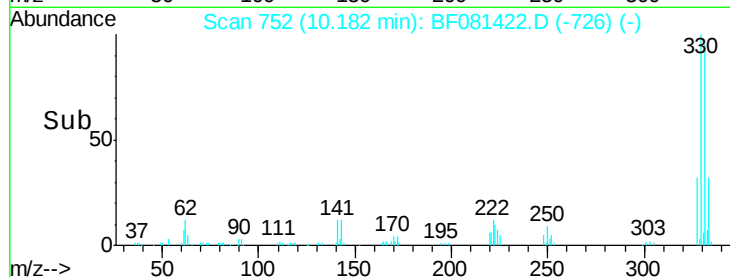
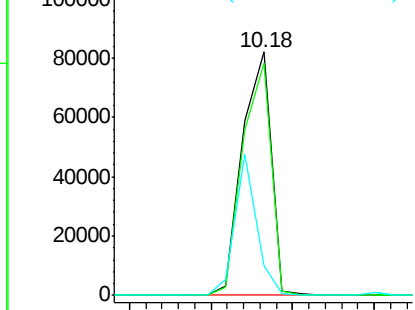
#41
 2,4,6-Tribromophenol
 Concen: 97.33 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Instrument :
 BNA_F
 ClientSampled :
 PB85375BS

Tot Ion:330 Resp: 99927
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 43.7 29.7 44.5

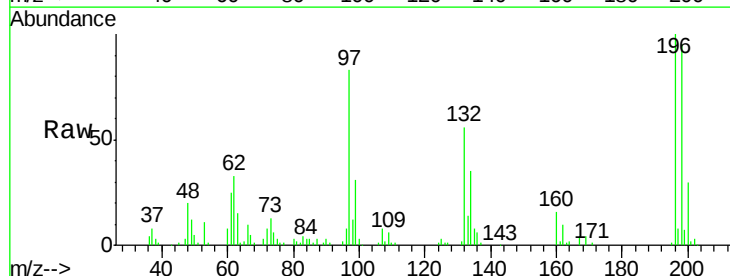


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

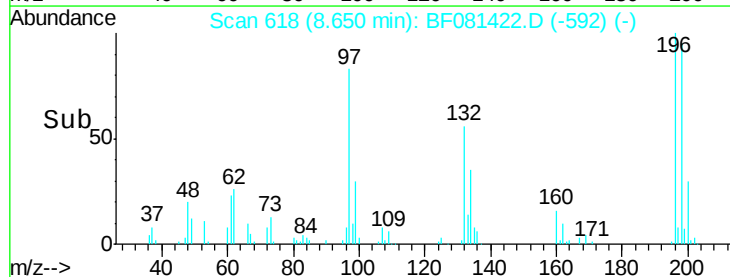
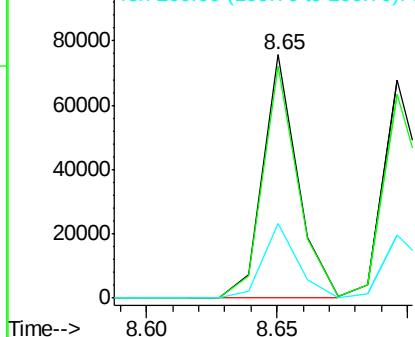


#42
 2,4,6-Trichlorophenol
 Concen: 27.96 ng
 RT: 8.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Tgt Ion:196 Resp: 70360
 Ion Ratio Lower Upper
 196 100
 198 95.2 75.7 113.5
 200 30.5 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

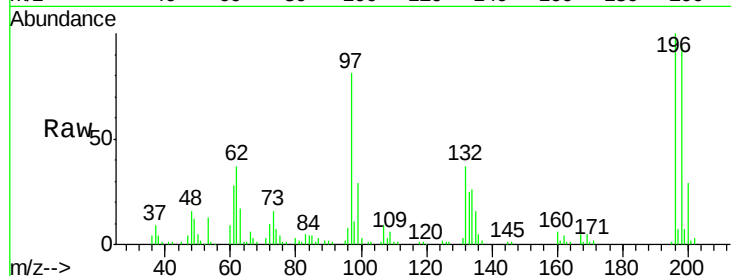




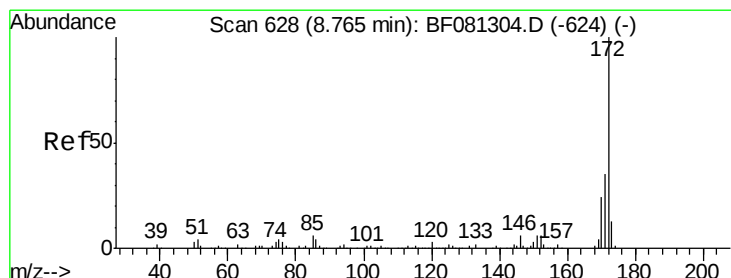
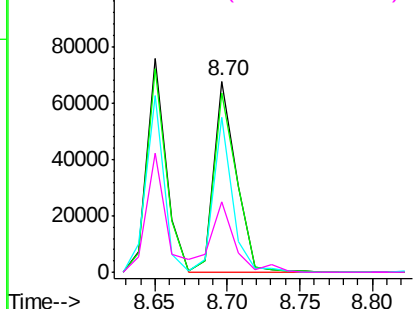
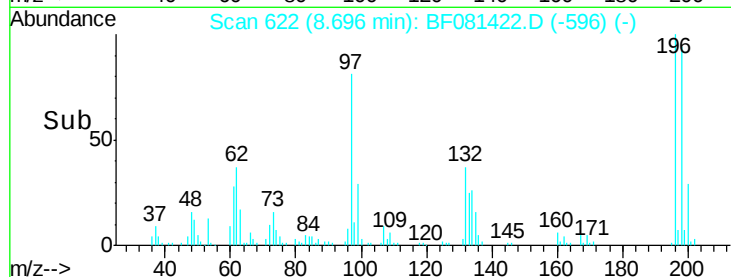
#43
 2,4,5-Trichlorophenol
 Concen: 28.28 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85375BS

Tot Ion:196 Resp: 72612
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.4 113.0
 97 80.8 33.3 49.9#
 132 37.0 24.6 37.0#

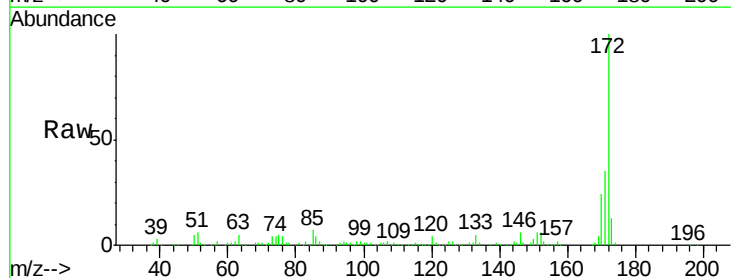


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

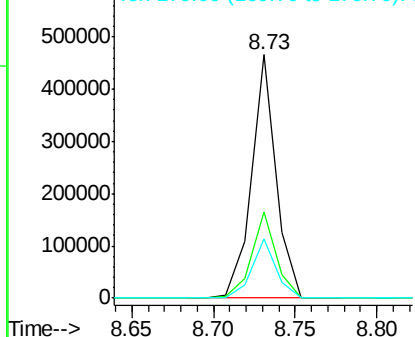
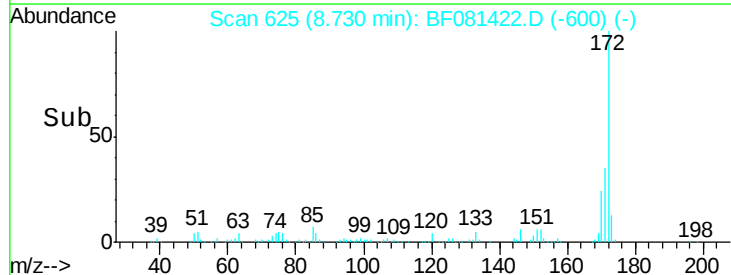


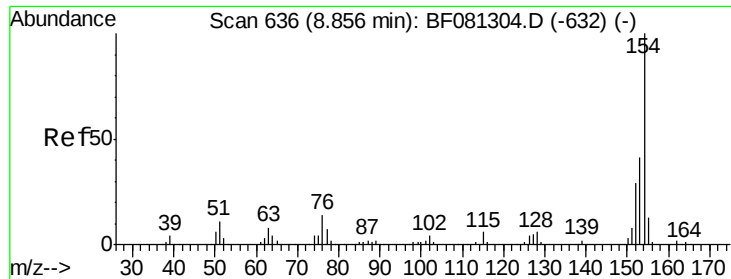
#44
 2-Fluorobiphenyl
 Concen: 53.84 ng
 RT: 8.73 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Tgt Ion:172 Resp: 484468
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 24.1 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

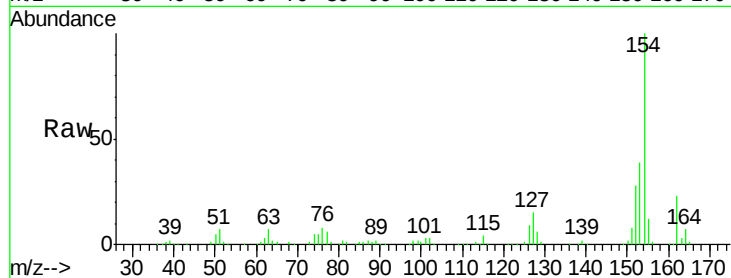




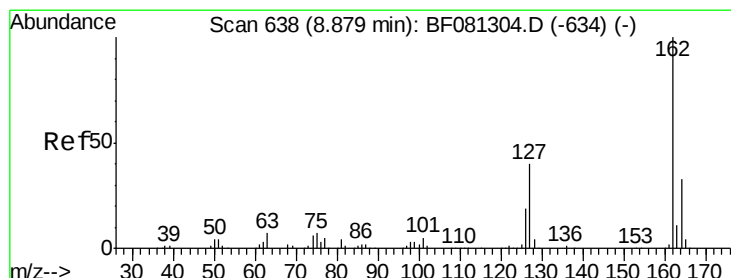
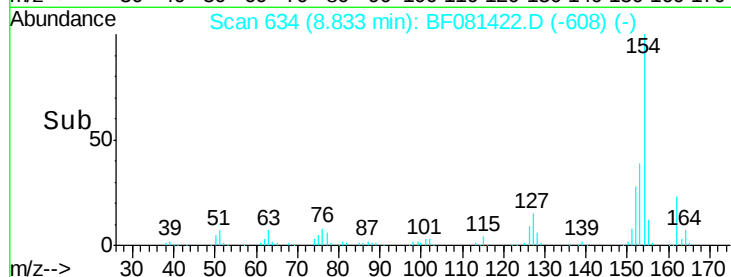
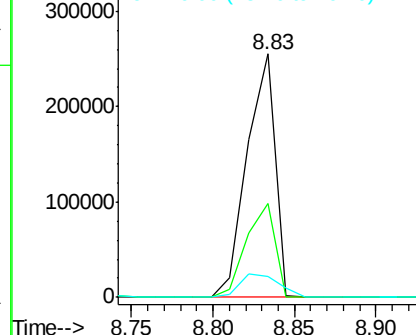
#45
1,1'-Biphenyl
Concen: 28.60 ng
RT: 8.83 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

Instrument :
BNA_F
ClientSampleId :
PB85375BS

Tot Ion:154 Resp: 303409
Ion Ratio Lower Upper
154 100
153 38.7 17.1 57.1
76 8.3 0.0 31.6

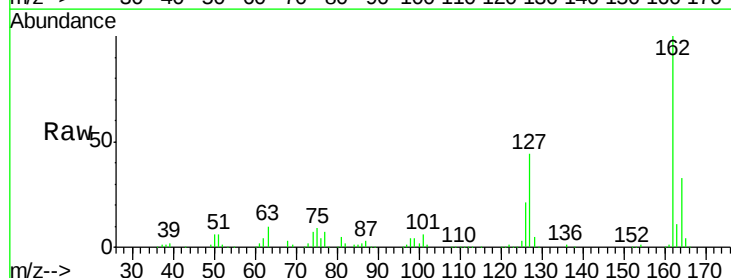


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

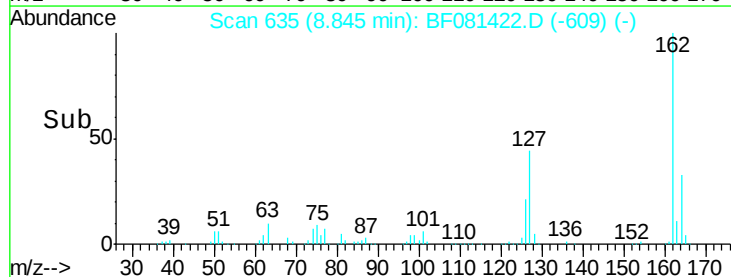
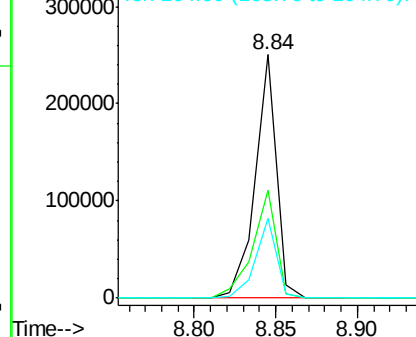


#46
2-Chloronaphthalene
Concen: 29.54 ng
RT: 8.84 min Scan# 635
Delta R.T. 0.00 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

Tgt Ion:162 Resp: 226287
Ion Ratio Lower Upper
162 100
127 44.4 27.6 41.4#
164 32.6 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

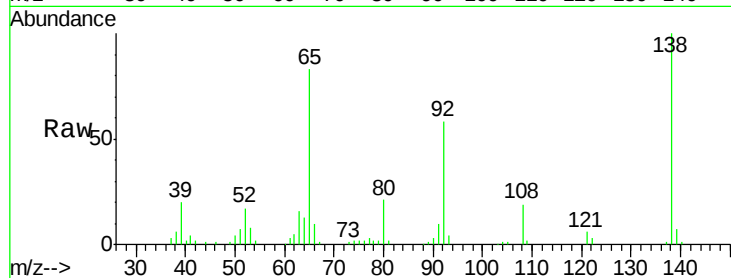




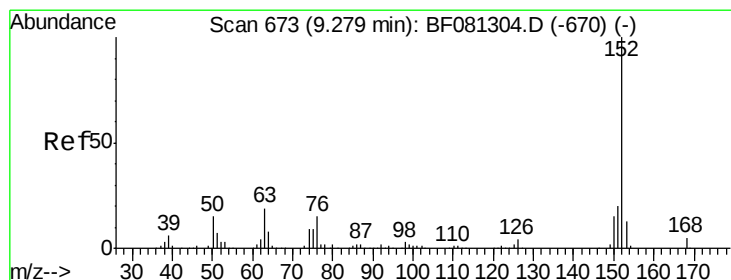
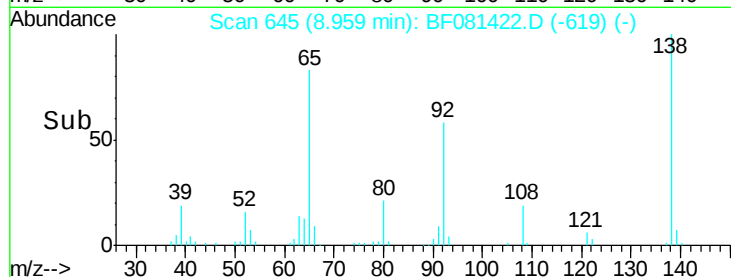
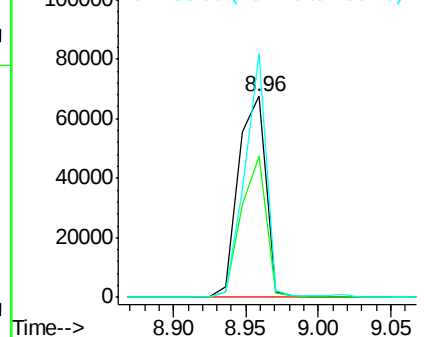
#47
2-Nitroaniline
Concen: 28.45 ng
RT: 8.96 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

Instrument :
BNA_F
ClientSampleId :
PB85375BS

Tot Ion: 65 Resp: 88812
Ion Ratio Lower Upper
65 100
92 70.4 55.4 83.0
138 121.1 115.5 173.3

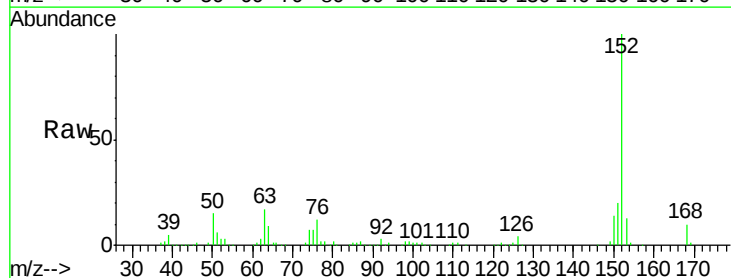


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

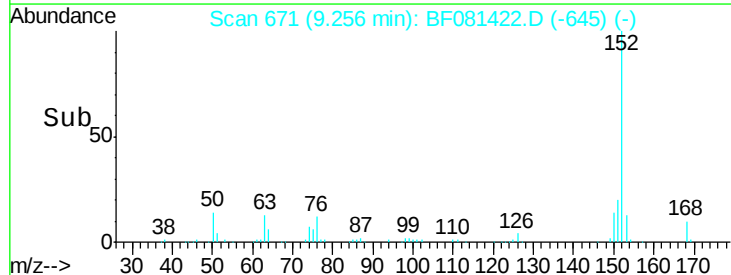
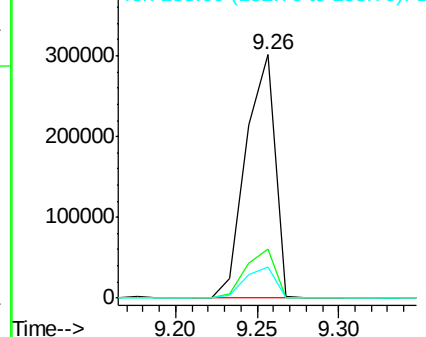


#48
Acenaphthylene
Concen: 27.39 ng
RT: 9.26 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

Tgt Ion: 152 Resp: 372286
Ion Ratio Lower Upper
152 100
151 19.9 14.6 22.0
153 12.7 10.3 15.5



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

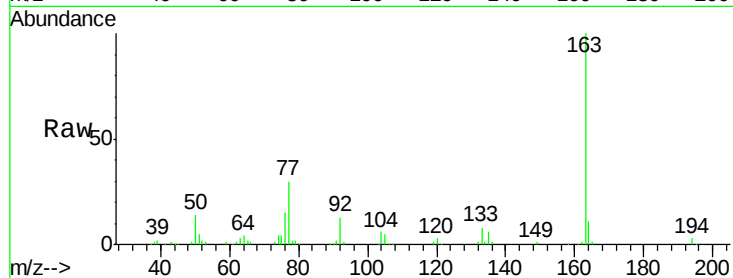




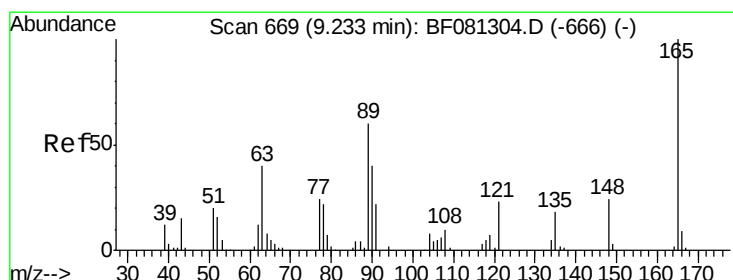
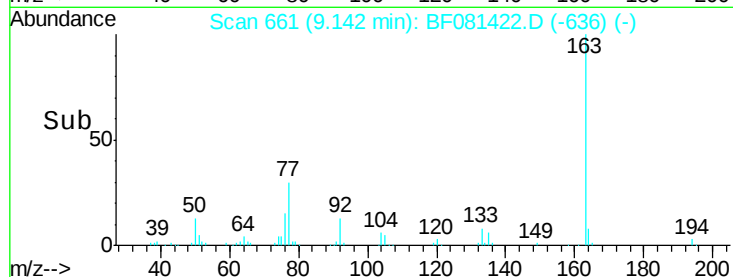
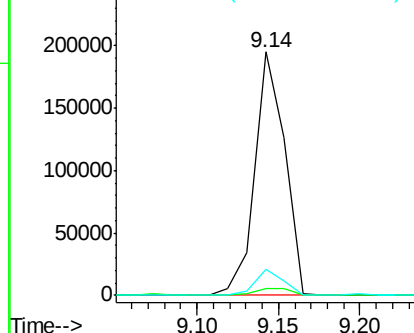
#49
Dimethylphthalate
Concen: 27.75 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

Instrument :
BNA_F
ClientSampleId :
PB85375BS

Tot Ion:163 Resp: 248621
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.7 8.3 12.5

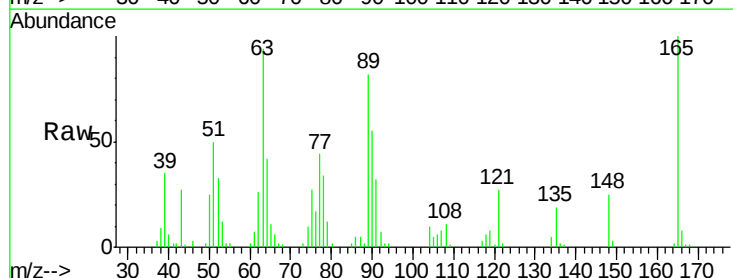


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

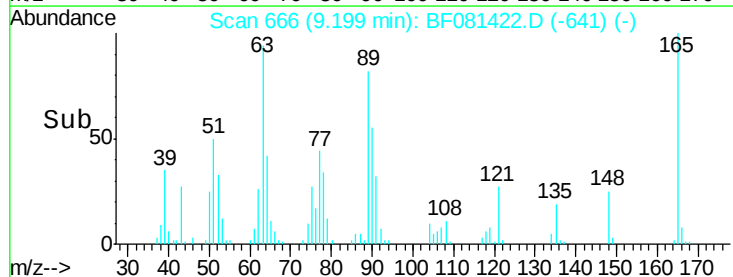
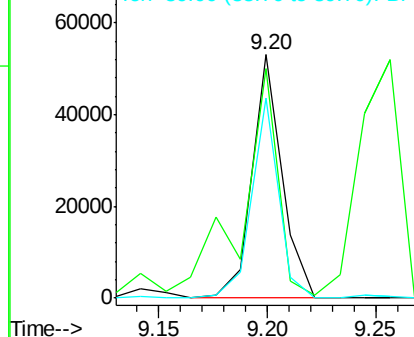


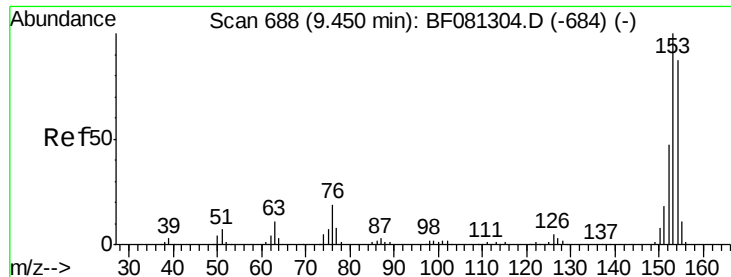
#50
2,6-Dinitrotoluene
Concen: 24.83 ng
RT: 9.20 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

Tgt Ion:165 Resp: 50493
Ion Ratio Lower Upper
165 100
63 94.1 32.3 48.5#
89 81.9 28.6 43.0#



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

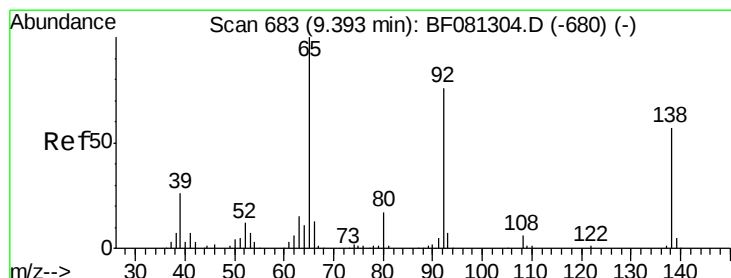
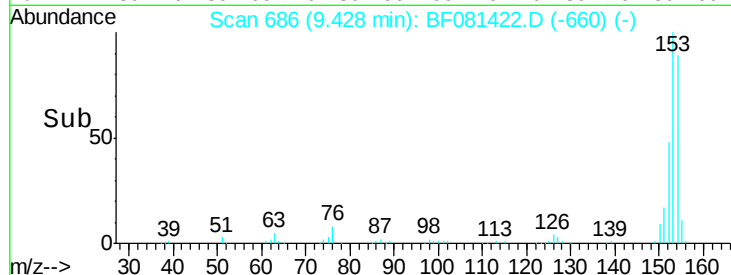
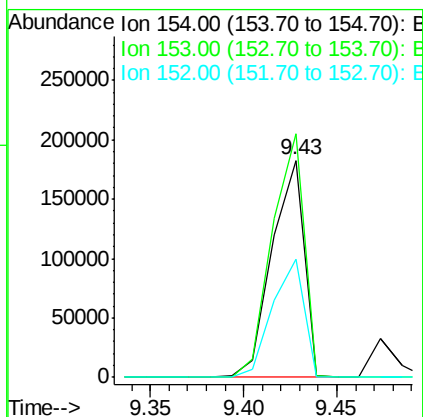
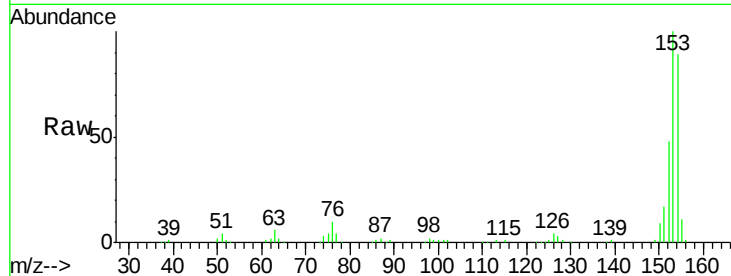




#51
Acenaphthene
Concen: 28.35 ng
RT: 9.43 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

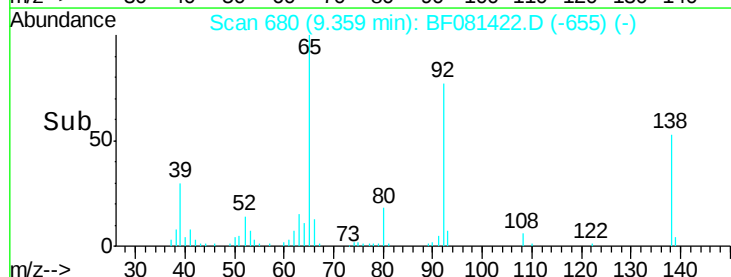
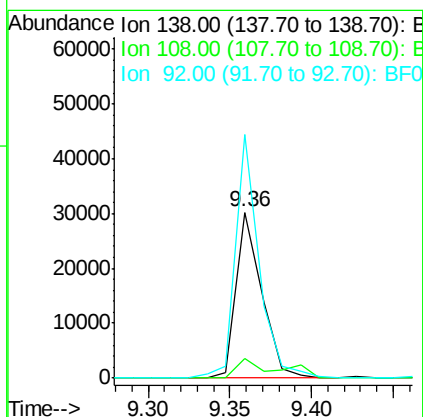
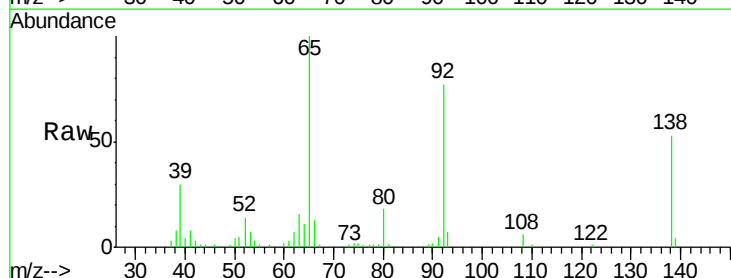
Instrument :
BNA_F
ClientSampleId :
PB85375BS

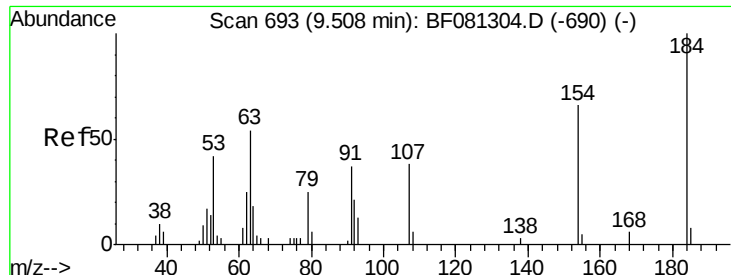
Tot Ion:154 Resp: 219210
Ion Ratio Lower Upper
154 100
153 112.1 82.1 123.1
152 54.4 37.9 56.9



#52
3-Nitroaniline
Concen: 14.12 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

Tgt Ion:138 Resp: 32684
Ion Ratio Lower Upper
138 100
108 12.0 5.7 8.5#
92 147.1 67.7 101.5#

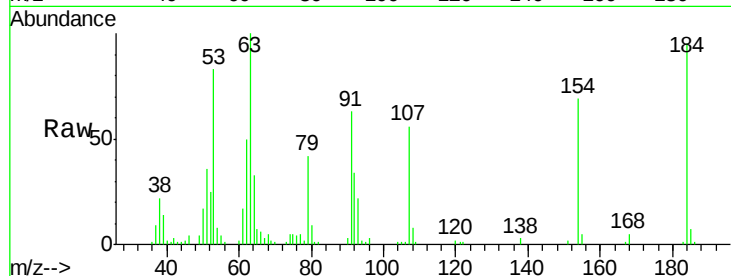




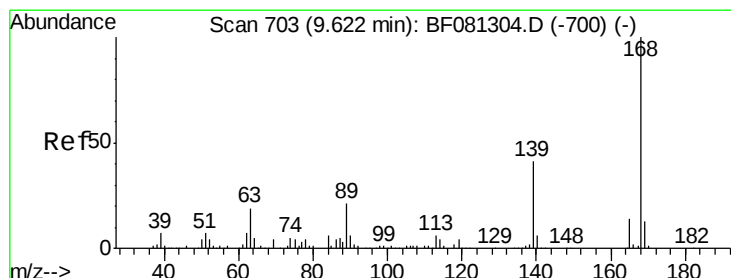
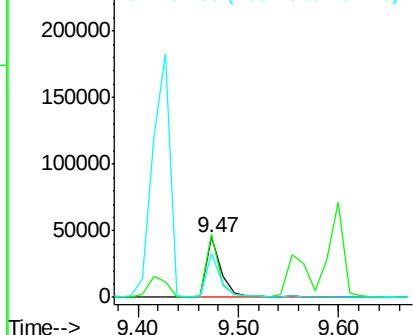
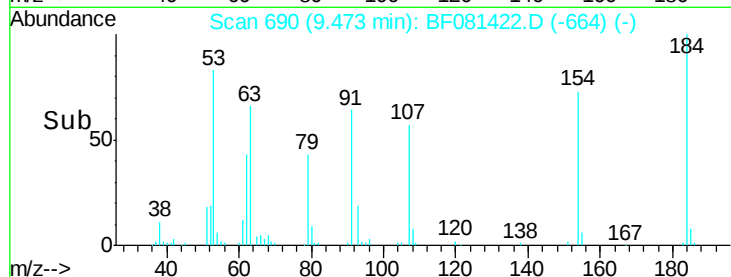
#53
 2,4-Dinitrophenol
 Concen: 56.36 ng
 RT: 9.47 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Instrument :
 BNA_F
 ClientSampleID :
 PB85375BS

Tot Ion:184 Resp: 48270
 Ion Ratio Lower Upper
 184 100
 63 105.2 35.4 53.2#
 154 72.7 32.2 48.4#

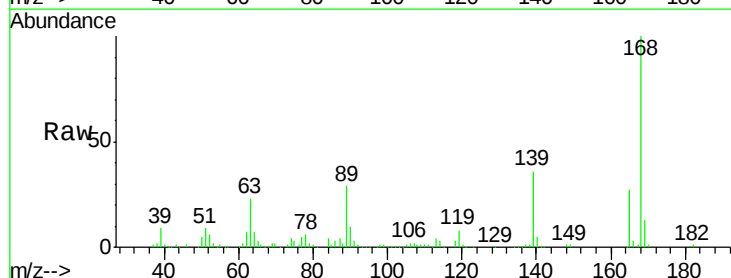


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

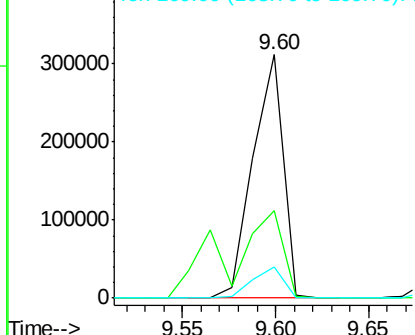
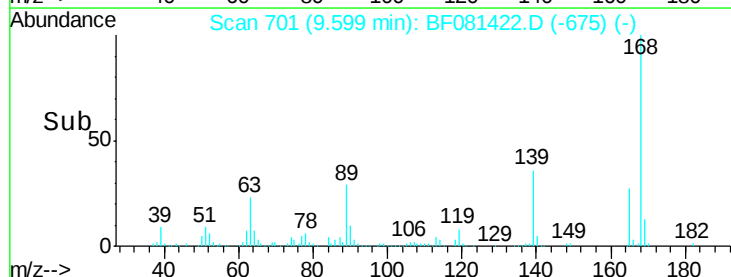


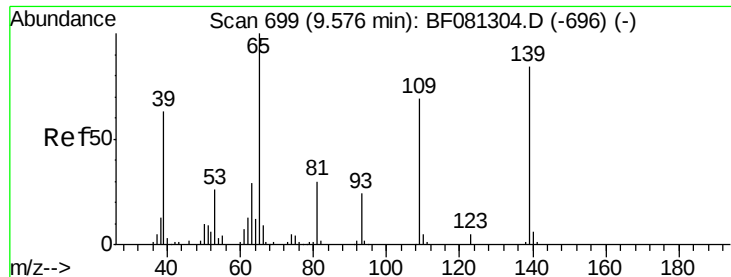
#54
 Dibenzofuran
 Concen: 30.93 ng
 RT: 9.60 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Tgt Ion:168 Resp: 349187
 Ion Ratio Lower Upper
 168 100
 139 35.9 24.2 36.2
 169 12.8 10.6 15.8



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

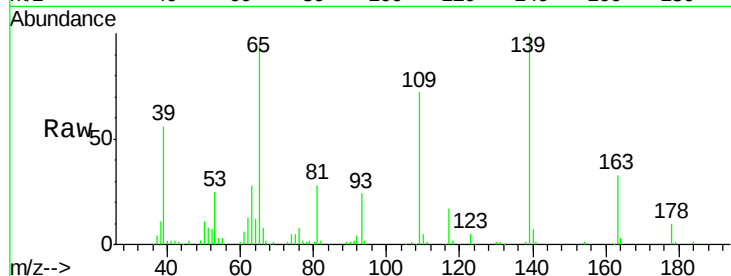




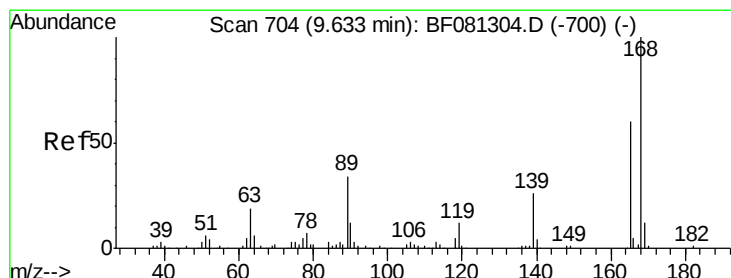
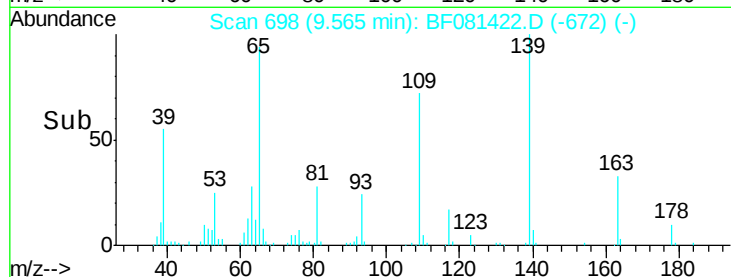
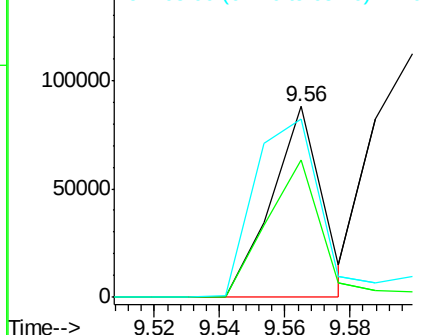
#55
4-Nitrophenol
Concen: 64.57 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

Instrument :
BNA_F
ClientSampleId :
PB85375BS

Tot Ion:139 Resp: 93906
Ion Ratio Lower Upper
139 100
109 72.2 12.7 52.7#
65 93.5 45.9 85.9#

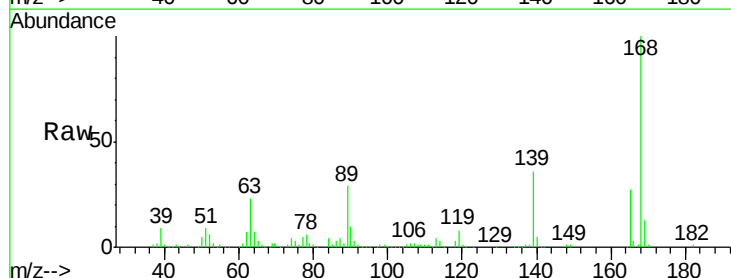


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

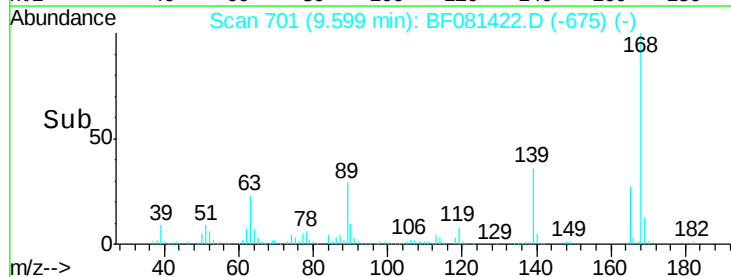
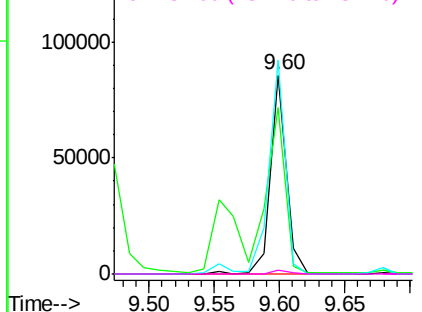


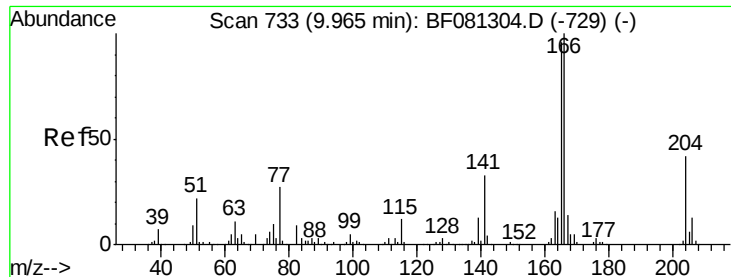
#56
2,4-Dinitrotoluene
Concen: 28.27 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF081422.D
Acq: 4 Sep 2015 16:44

Tgt Ion:165 Resp: 73188
Ion Ratio Lower Upper
165 100
63 83.4 29.8 44.6#
89 107.4 44.5 66.7#
182 1.9 3.0 4.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

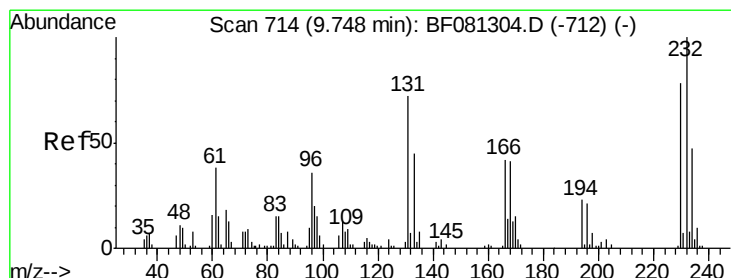
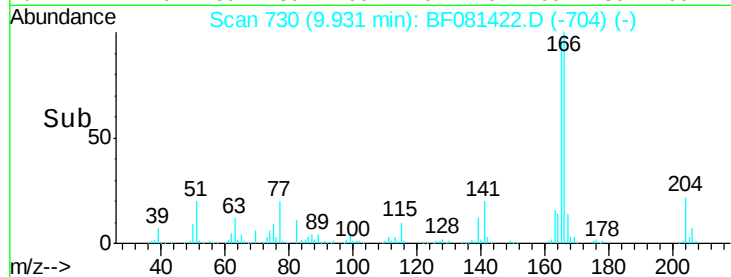
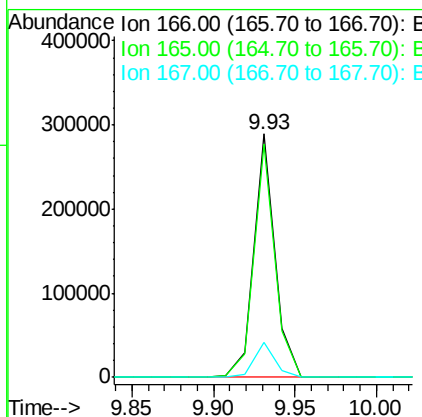
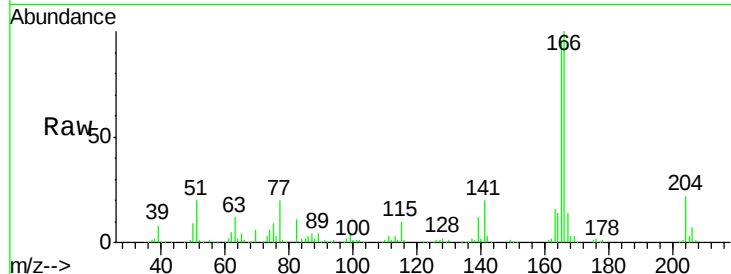




#57
 Fluorene
 Concen: 30.43 ng
 RT: 9.93 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

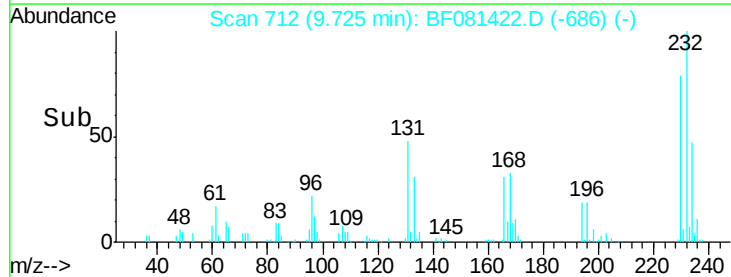
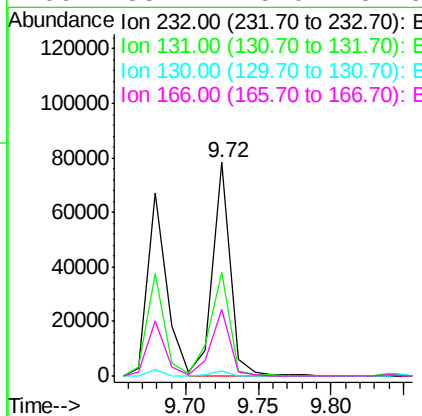
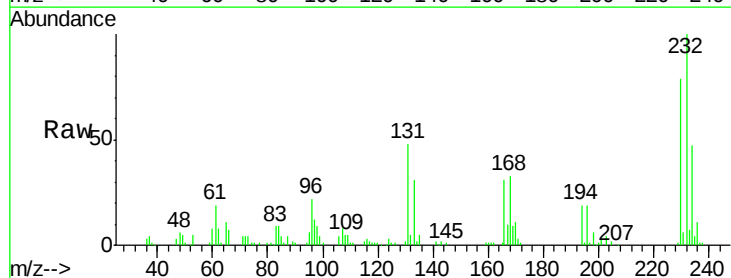
Instrument :
 BNA_F
 ClientSampleId :
 PB85375BS

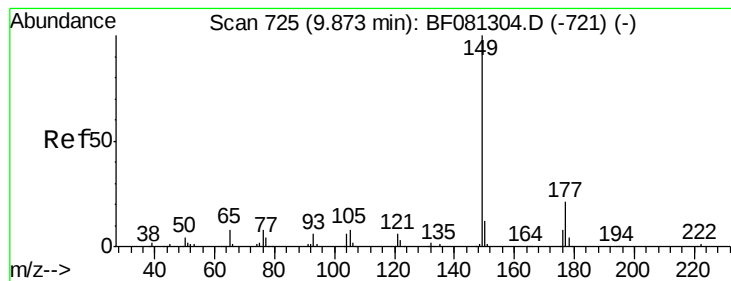
Tot Ion	Ratio	Lower	Upper
166	100		
165	95.9	72.6	109.0
167	14.4	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.78 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.8	38.5	57.7
130	2.6	1.8	2.6
166	33.2	25.0	37.6





#59

Diethylphthalate

Concen: 30.78 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

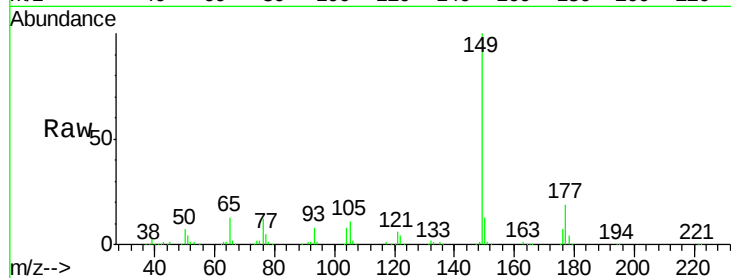
Tot Ion:149 Resp: 290094

Ion Ratio Lower Upper

149 100

177 19.1 17.5 26.3

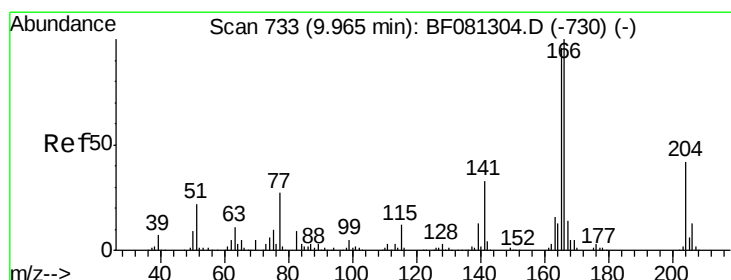
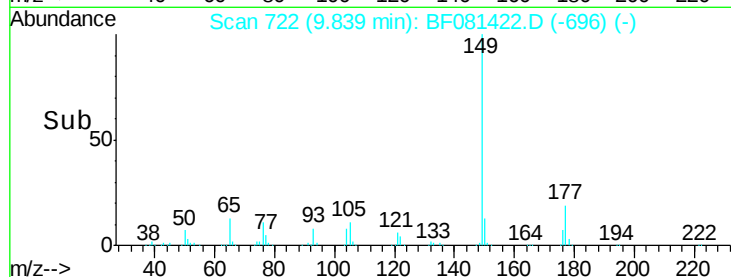
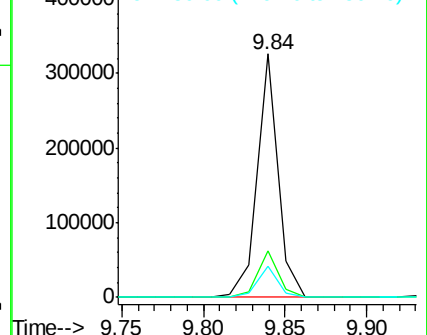
150 12.6 9.4 14.2



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: 32.03 ng

RT: 9.94 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

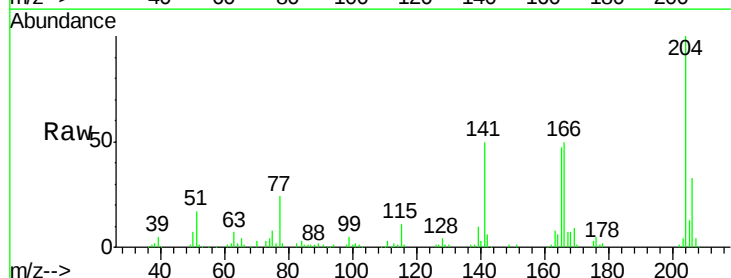
Tgt Ion:204 Resp: 127902

Ion Ratio Lower Upper

204 100

206 33.5 24.8 37.2

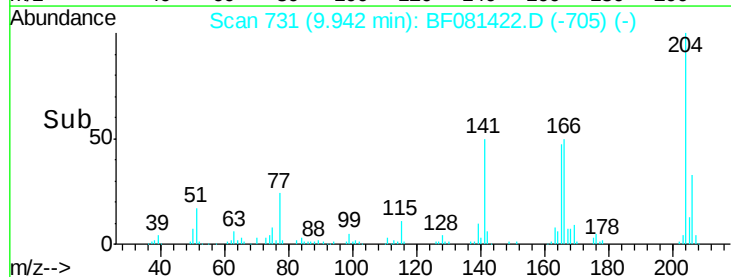
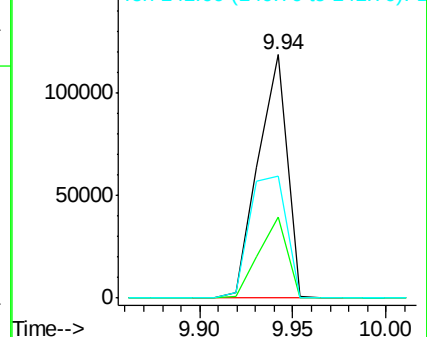
141 50.1 42.2 63.4



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: 29.73 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

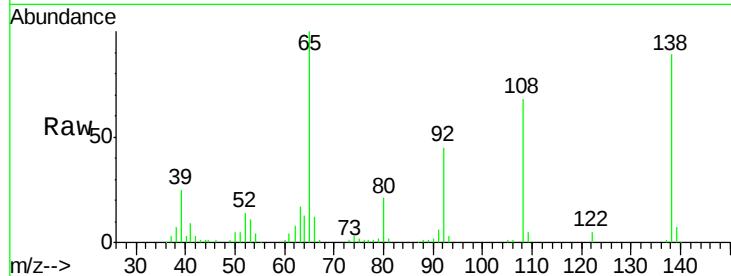
Tot Ion:138 Resp: 69521

Ion Ratio Lower Upper

138 100

92 50.3 12.6 52.6

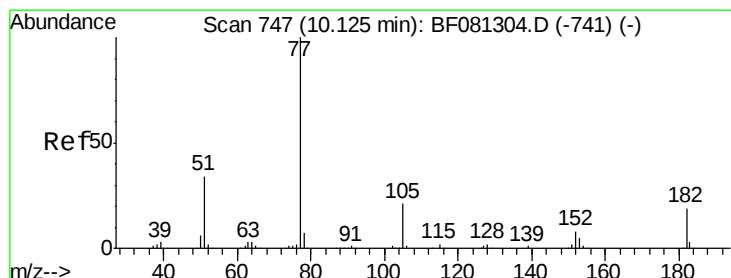
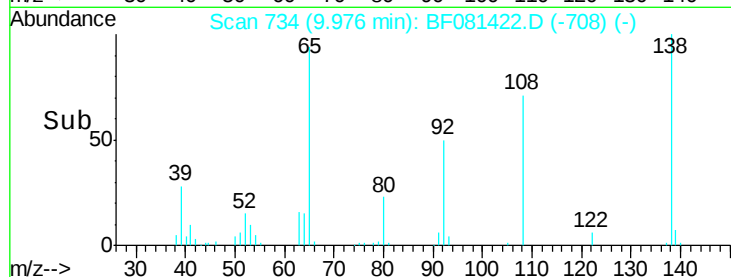
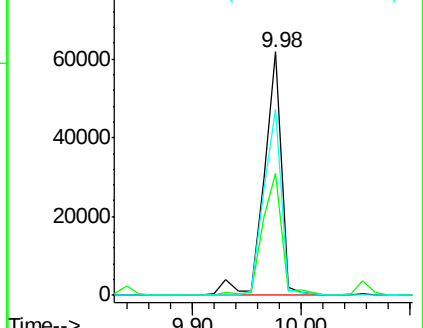
108 76.5 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 31.02 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Tgt Ion: 77 Resp: 324947

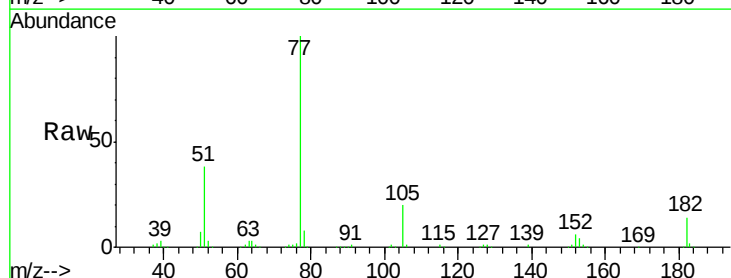
Ion Ratio Lower Upper

77 100

182 13.8 15.1 55.1#

105 19.7 3.4 43.4

51 37.8 12.0 52.0

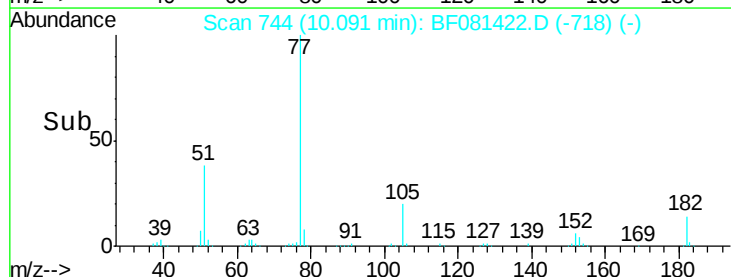
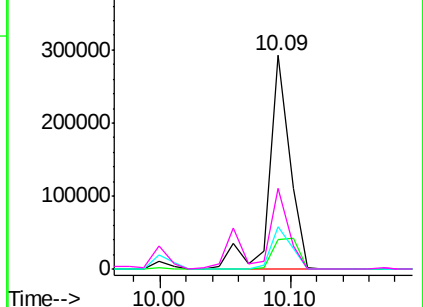


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

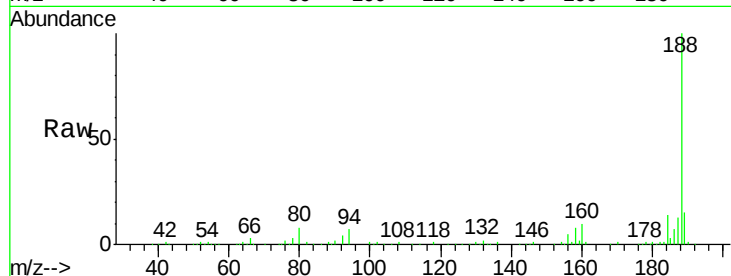




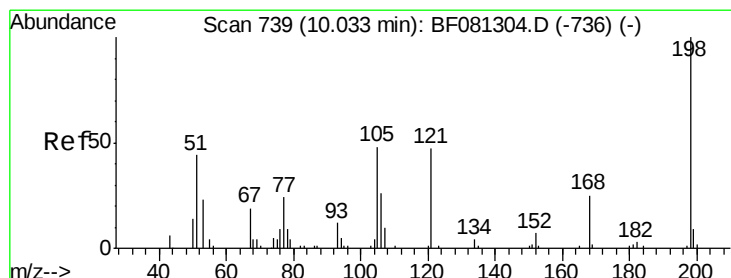
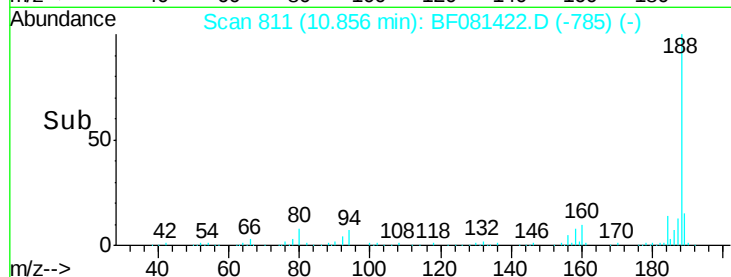
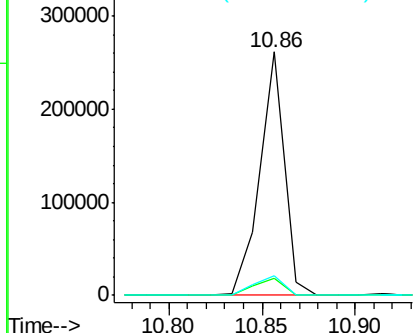
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85375BS

Tot Ion:188 Resp: 237038
 Ion Ratio Lower Upper
 188 100
 94 6.9 11.1 16.7#
 80 7.9 11.0 16.4#

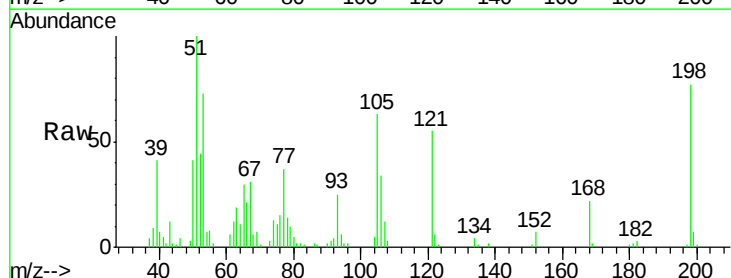


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

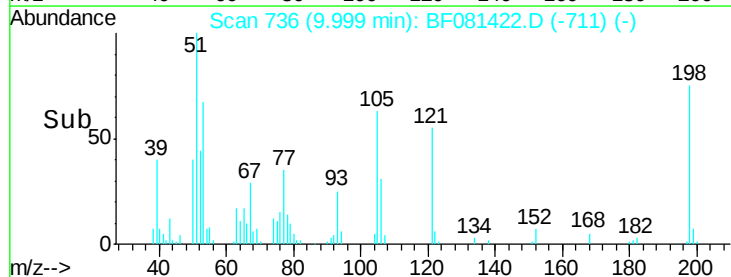
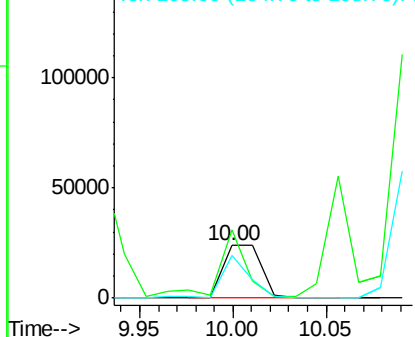


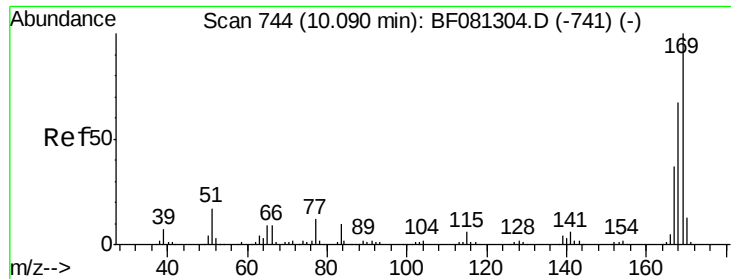
#64
 4,6-Dinitro-2-methylphenol
 Concen: 25.41 ng
 RT: 10.00 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Tgt Ion:198 Resp: 33685
 Ion Ratio Lower Upper
 198 100
 51 129.6 39.6 79.6#
 105 82.0 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

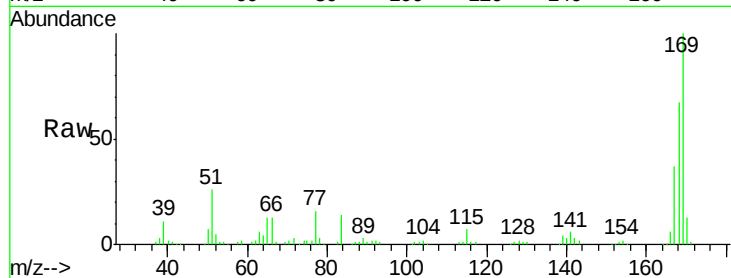




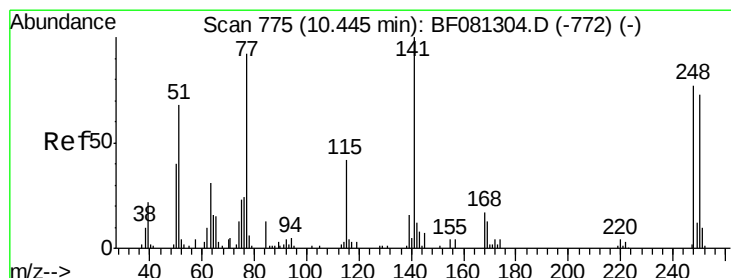
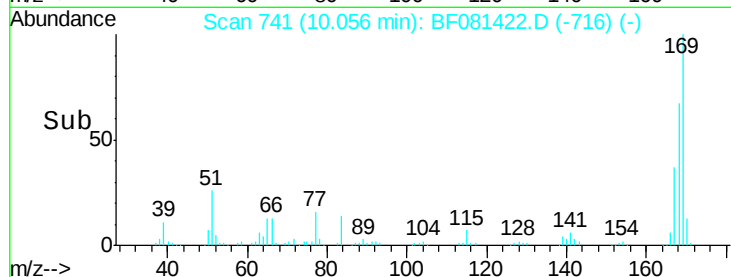
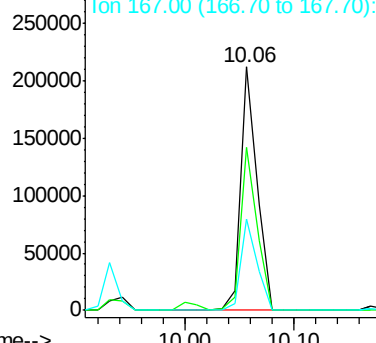
#65
 n-Nitrosodiphenylamine
 Concen: 25.77 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85375BS

Tot Ion:169 Resp: 222267
 Ion Ratio Lower Upper
 169 100
 168 67.1 48.9 73.3
 167 37.3 26.2 39.4

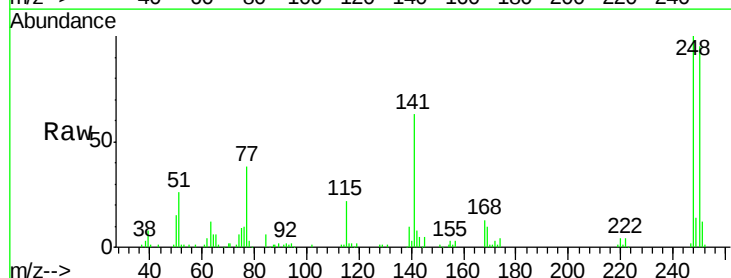


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

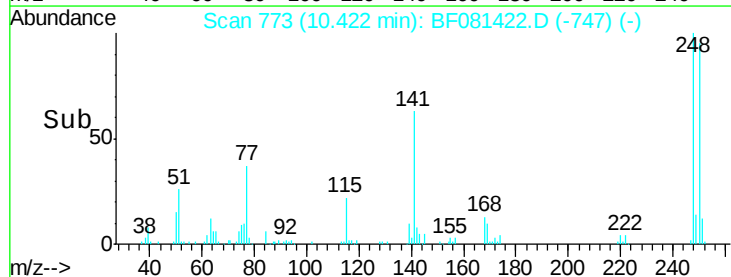
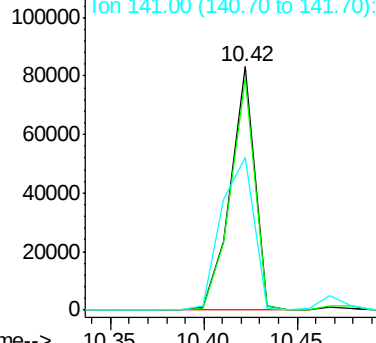


#66
 4-Bromophenyl-phenylether
 Concen: 31.10 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Tgt Ion:248 Resp: 74539
 Ion Ratio Lower Upper
 248 100
 250 95.3 78.5 117.7
 141 62.9 59.0 88.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 28.58 ng

RT: 10.48 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

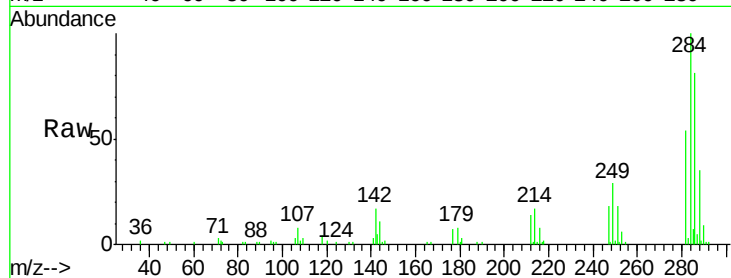
Tot Ion:284 Resp: 71619

Ion Ratio Lower Upper

284 100

142 17.2 29.5 44.3#

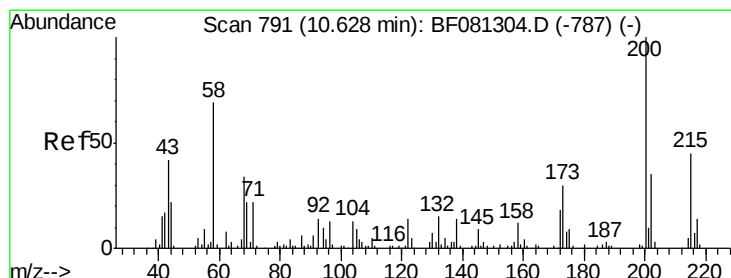
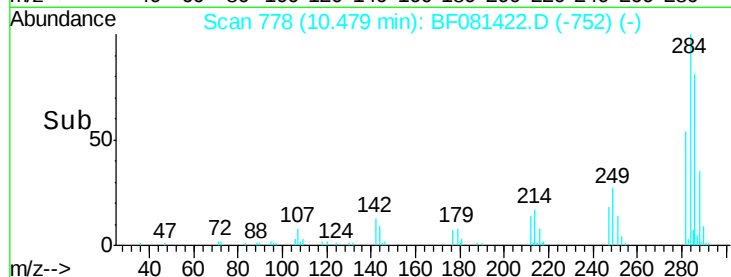
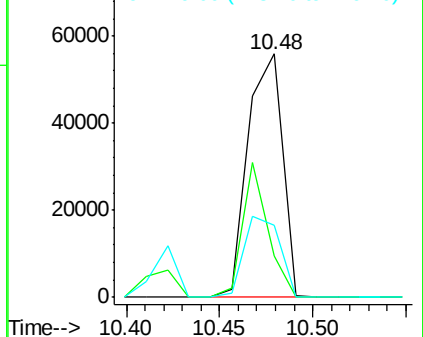
249 29.5 19.5 29.3#



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: 26.72 ng

RT: 10.59 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

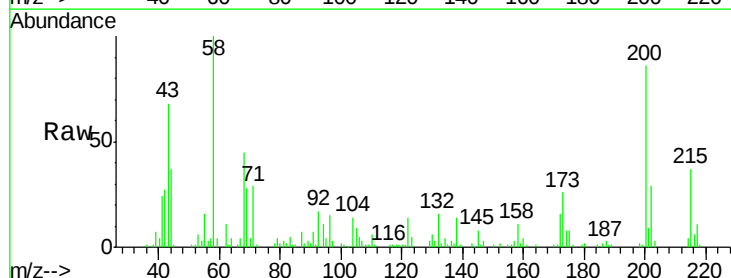
Tgt Ion:200 Resp: 66690

Ion Ratio Lower Upper

200 100

173 30.5 13.2 53.2

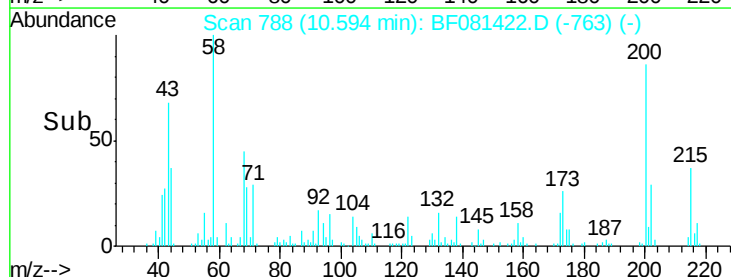
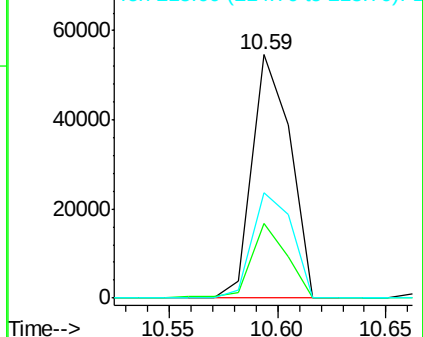
215 43.5 41.8 81.8



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

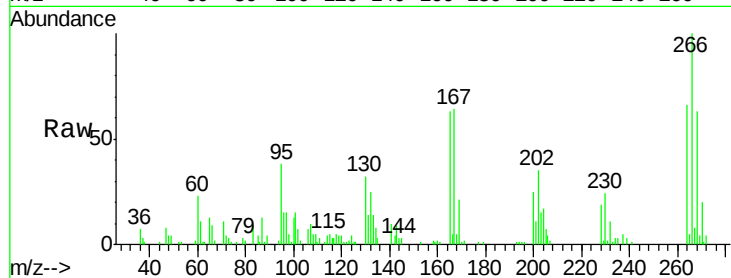




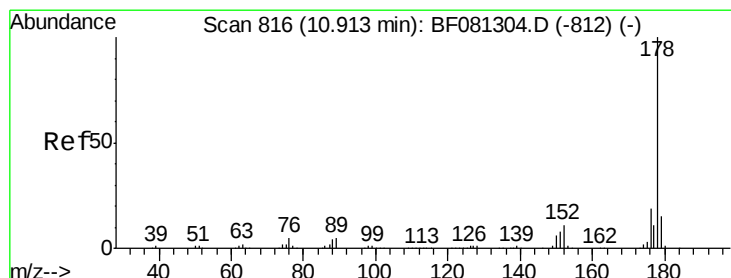
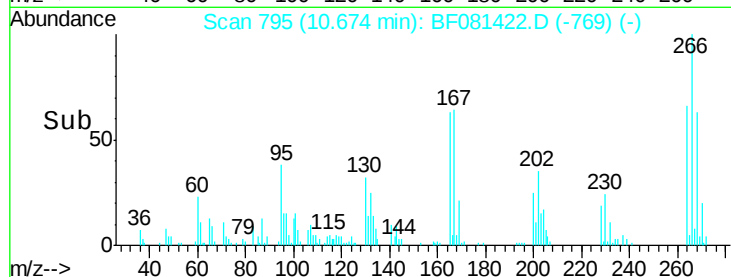
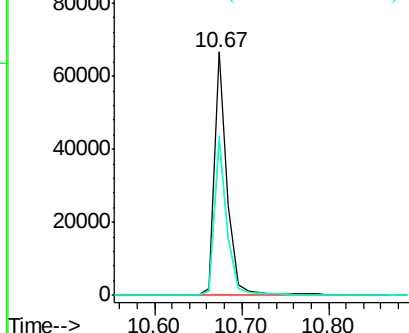
#69
 Pentachlorophenol
 Concen: 58.94 ng
 RT: 10.67 min Scan# 795
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85375BS

Tot Ion:266 Resp: 68747
 Ion Ratio Lower Upper
 266 100
 268 63.2 49.8 74.6
 264 65.6 50.2 75.2

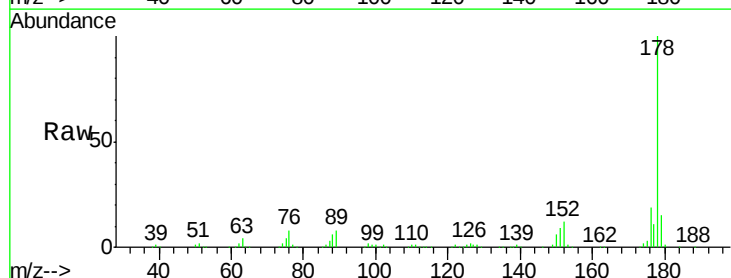


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

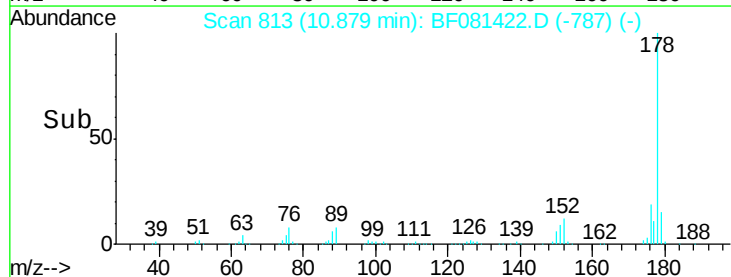
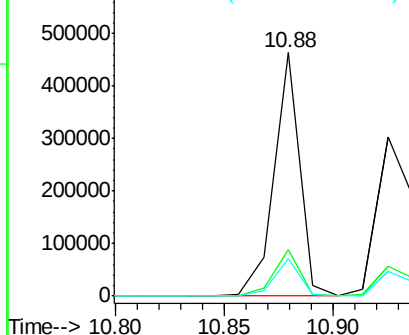


#70
 Phenanthrene
 Concen: 29.20 ng
 RT: 10.88 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Tgt Ion:178 Resp: 384790
 Ion Ratio Lower Upper
 178 100
 176 19.2 13.8 20.8
 179 15.4 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

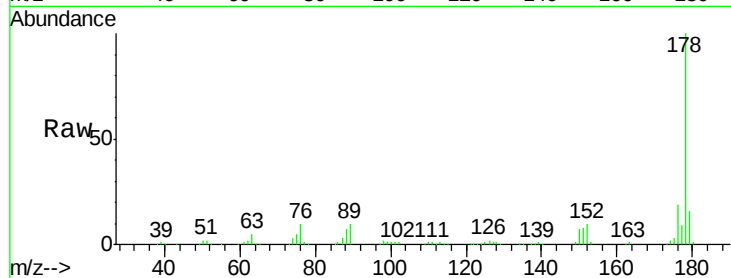




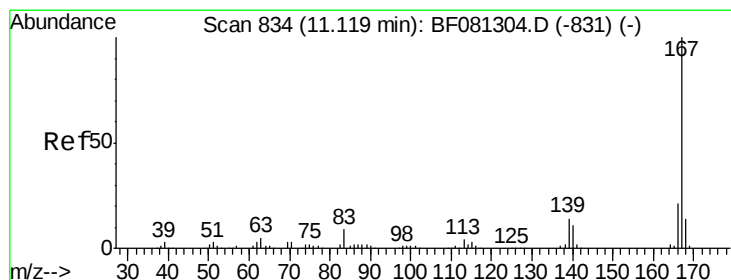
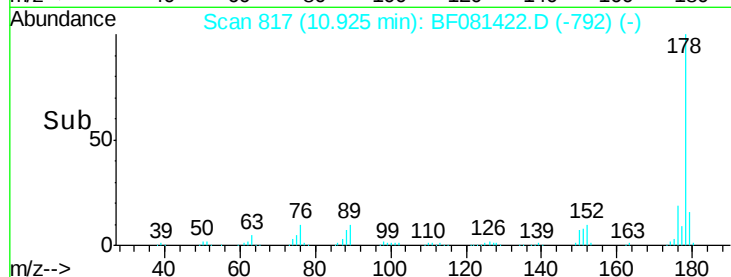
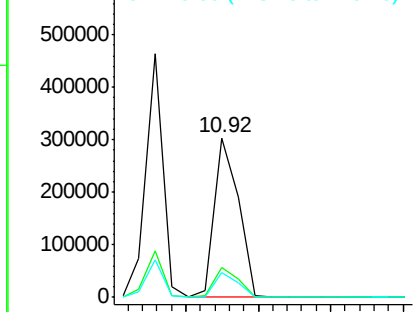
#71
 Anthracene
 Concen: 25.97 ng
 RT: 10.92 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85375BS

Tot Ion:178 Resp: 351592
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 15.8 12.2 18.2

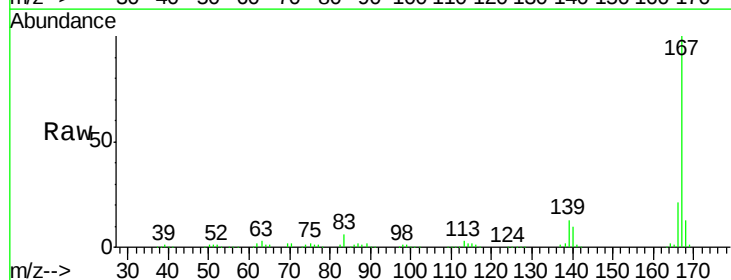


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

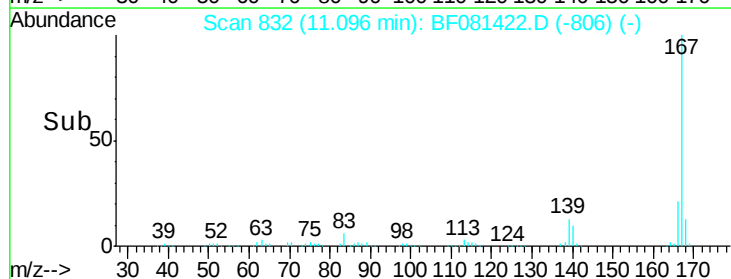
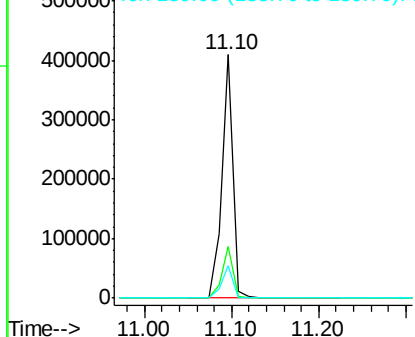


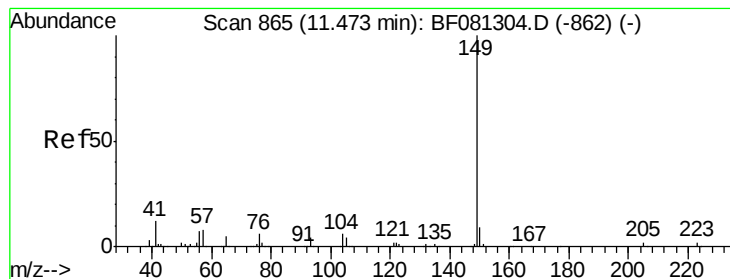
#72
 Carbazole
 Concen: 29.00 ng
 RT: 11.10 min Scan# 832
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Tgt Ion:167 Resp: 368423
 Ion Ratio Lower Upper
 167 100
 166 21.0 15.7 23.5
 139 13.1 9.5 14.3



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





#73

Di-n-butylphthalate

Concen: 30.22 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

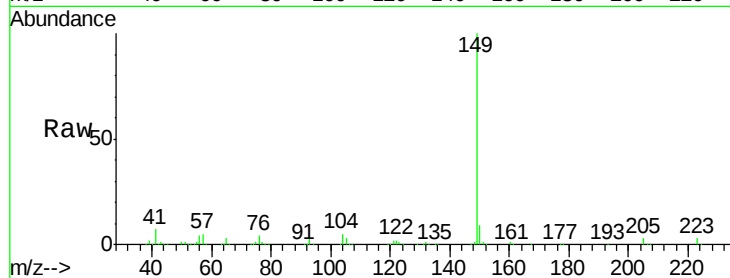
Tot Ion:149 Resp: 453395

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.2

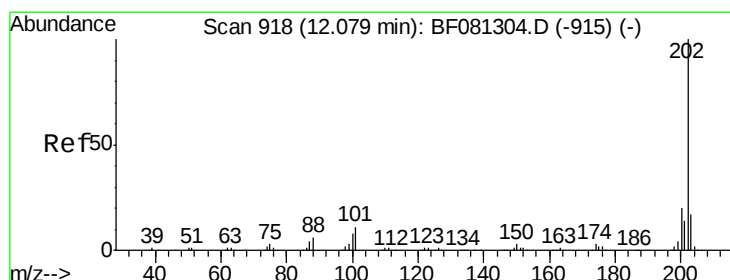
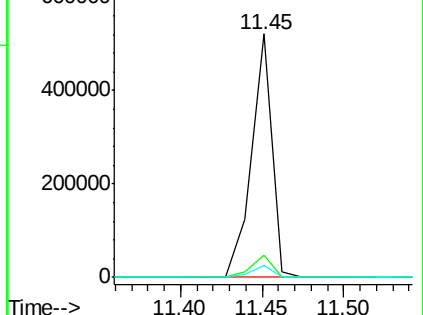
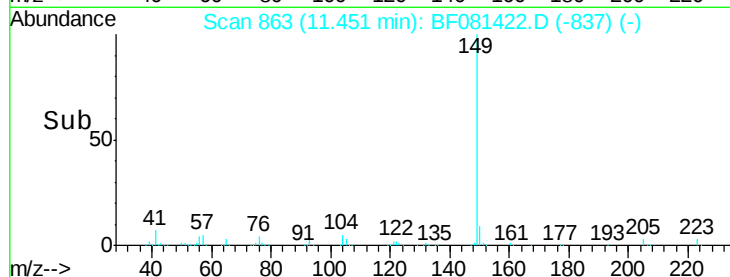
104 4.7 2.4 3.6#



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: 25.39 ng

RT: 12.05 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

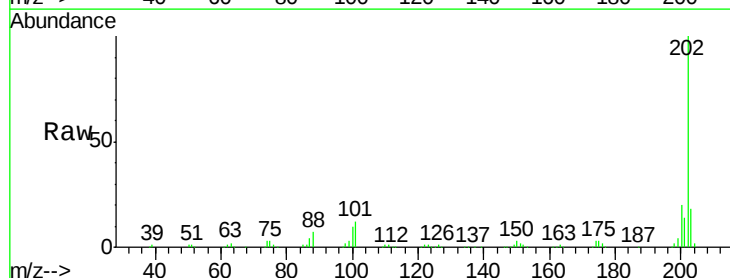
Tgt Ion:202 Resp: 362224

Ion Ratio Lower Upper

202 100

101 12.2 0.0 38.3

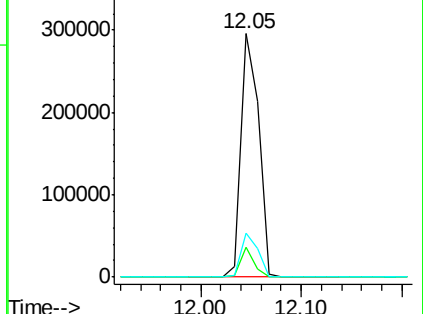
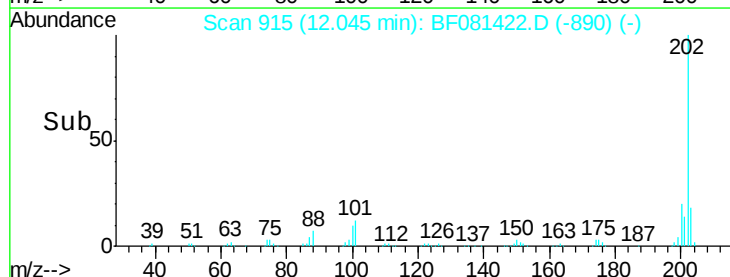
203 18.0 0.0 37.3

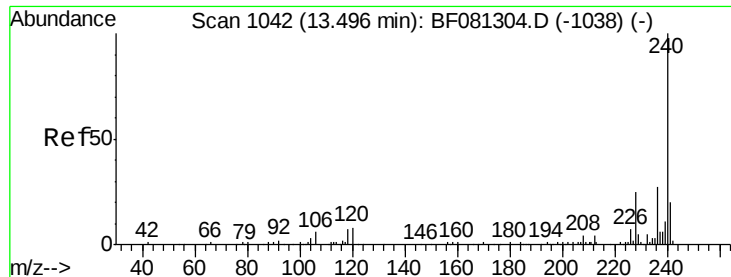


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.46 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

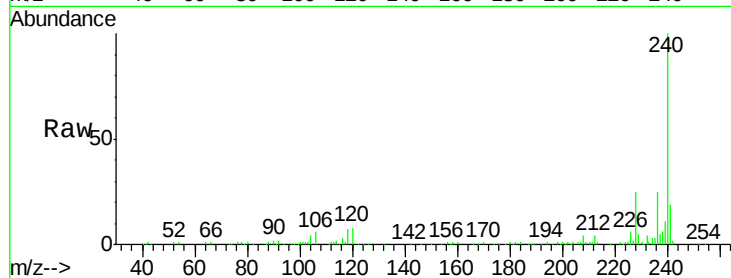
Tot Ion:240 Resp: 147663

Ion Ratio Lower Upper

240 100

120 8.4 16.2 24.2#

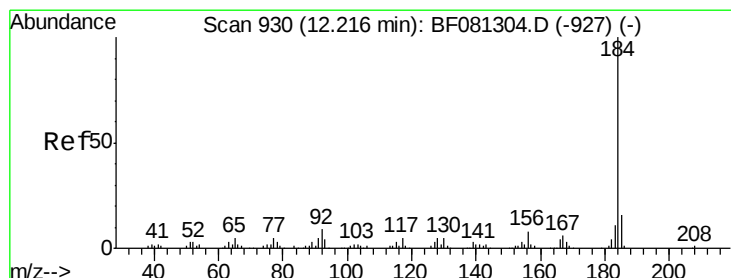
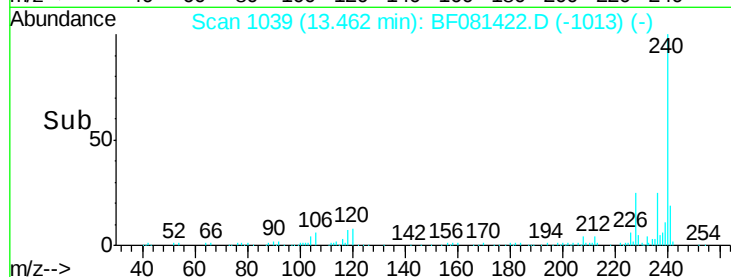
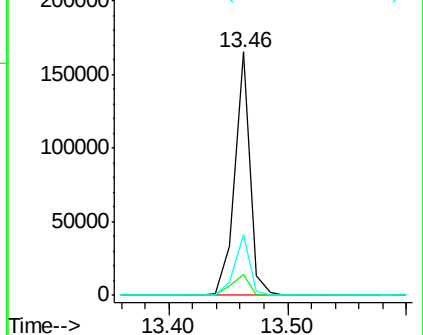
236 24.9 18.4 27.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.58 ng

RT: 12.19 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

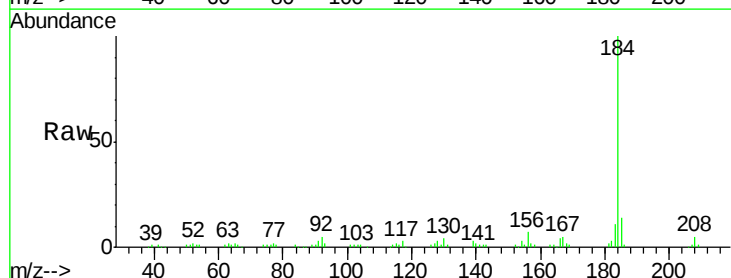
Tgt Ion:184 Resp: 105095

Ion Ratio Lower Upper

184 100

185 14.3 11.8 17.6

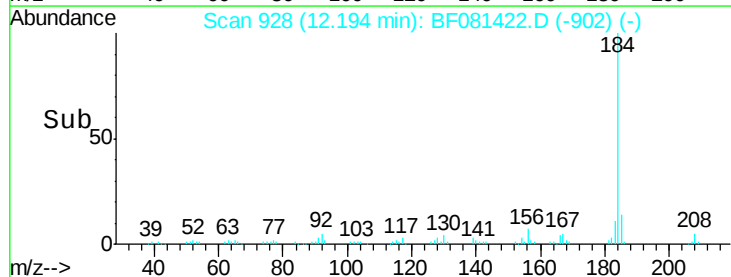
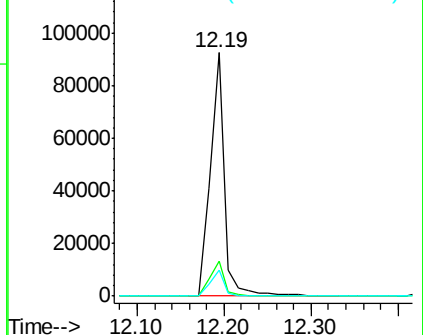
183 10.6 7.6 11.4

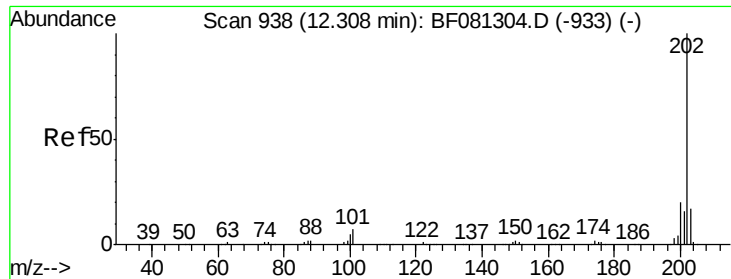


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

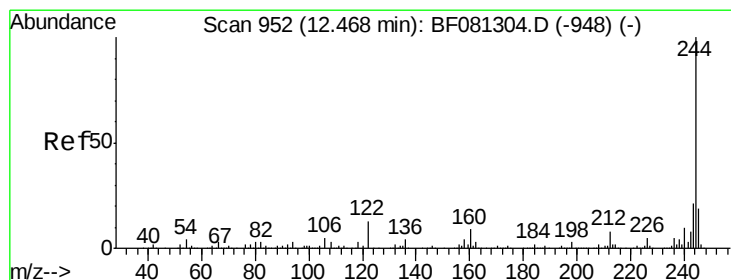
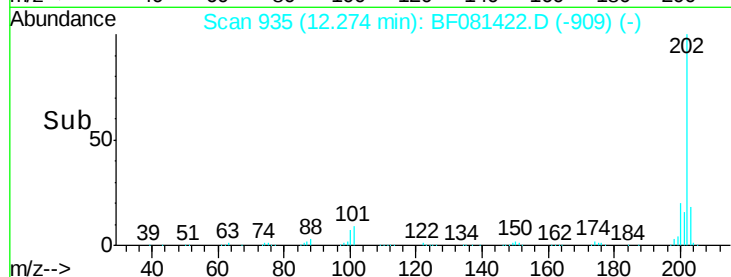
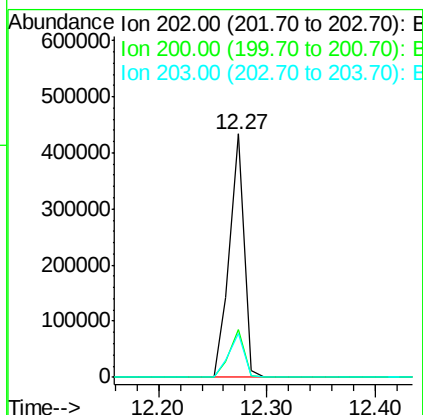
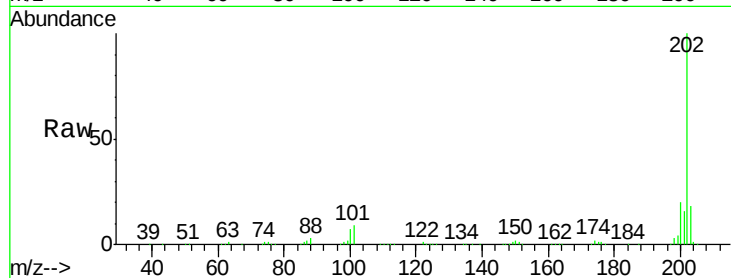




#77
 Pvrene
 Concen: 37.13 ng
 RT: 12.27 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

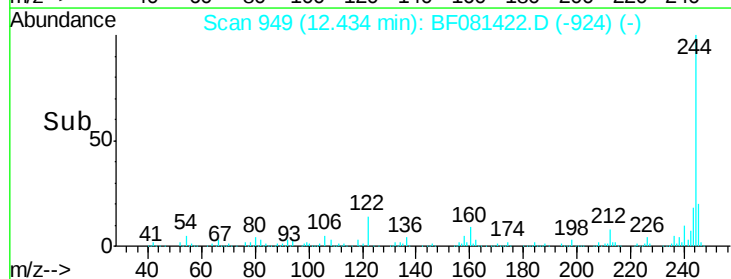
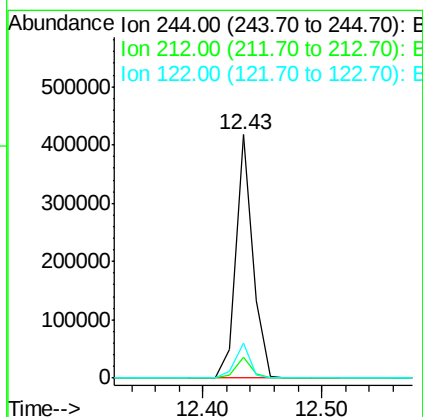
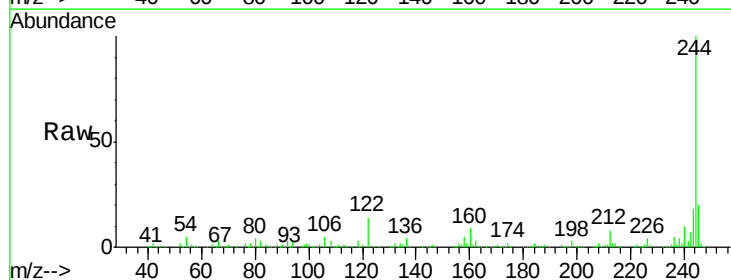
Instrument :
 BNA_F
 ClientSampleId :
 PB85375BS

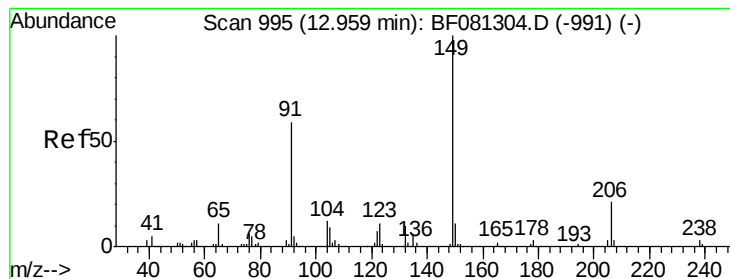
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.0	22.4
203	18.0	14.1	21.1



#78
 Terphenyl-d14
 Concen: 65.28 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.3	6.5#
122	14.4	17.4	26.2#





#79

Butylbenzylphthalate

Concen: 32.39 ng

RT: 12.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

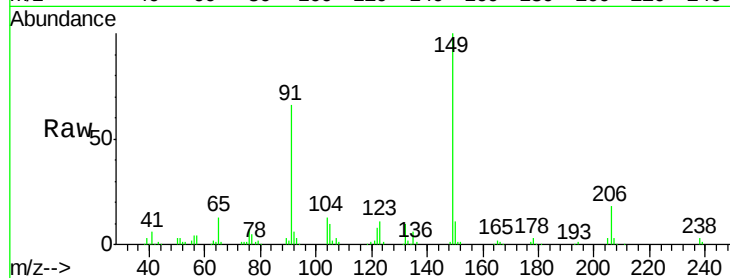
Tot Ion:149 Resp: 154059

Ion Ratio Lower Upper

149 100

91 66.1 48.6 72.8

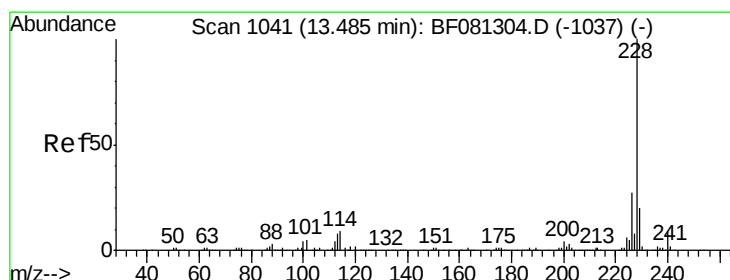
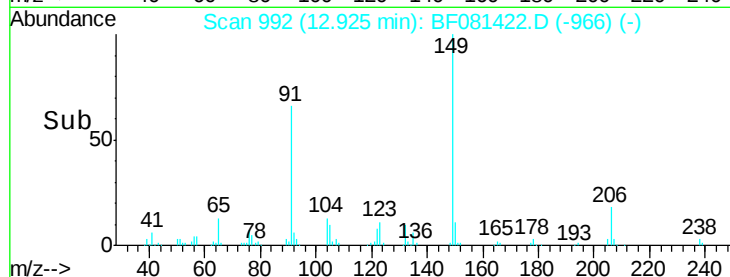
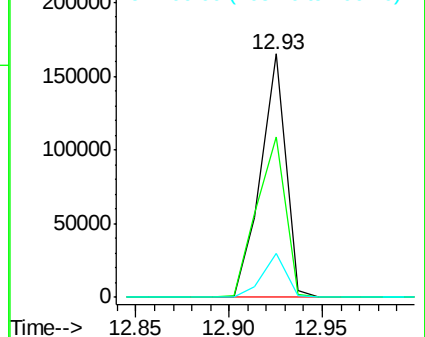
206 18.1 14.9 22.3



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: 30.99 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

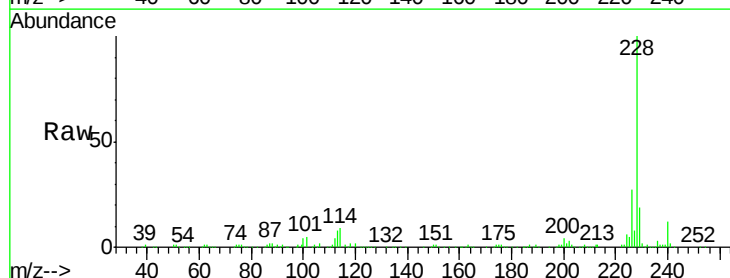
Tgt Ion:228 Resp: 291377

Ion Ratio Lower Upper

228 100

226 27.3 20.0 30.0

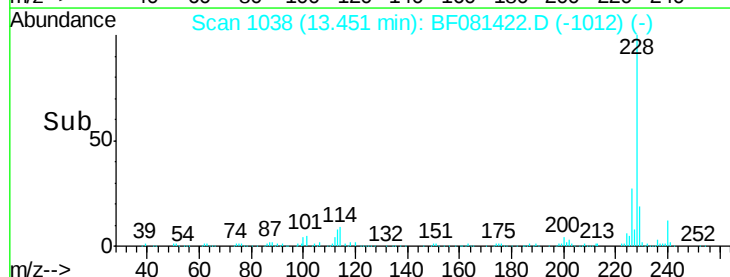
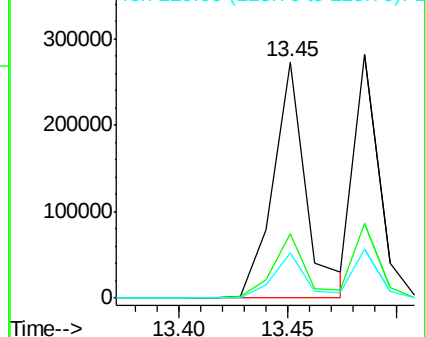
229 19.0 15.4 23.2



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

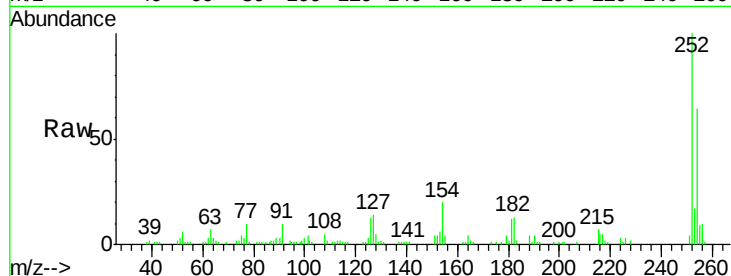




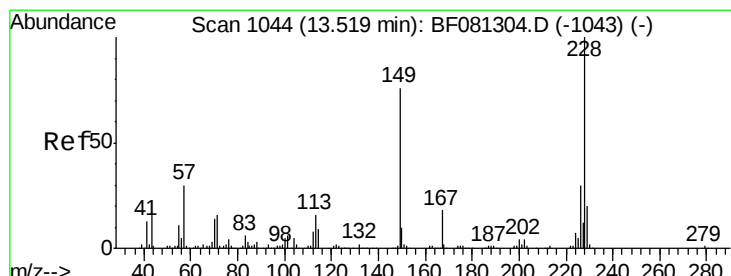
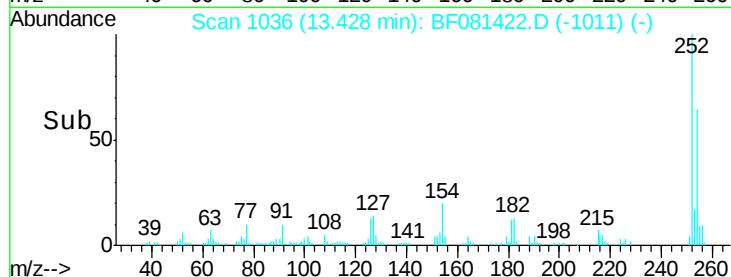
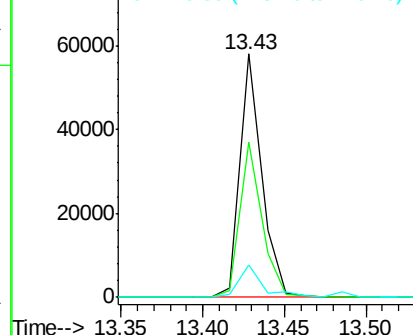
#81
 3,3'-Dichlorobenzidine
 Concen: 16.84 ng
 RT: 13.43 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85375BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.4	77.2
126	13.4	16.4	24.6

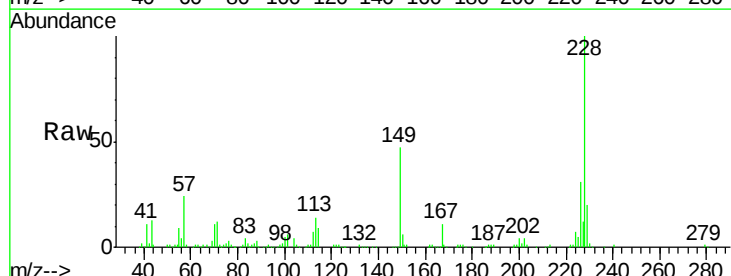


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

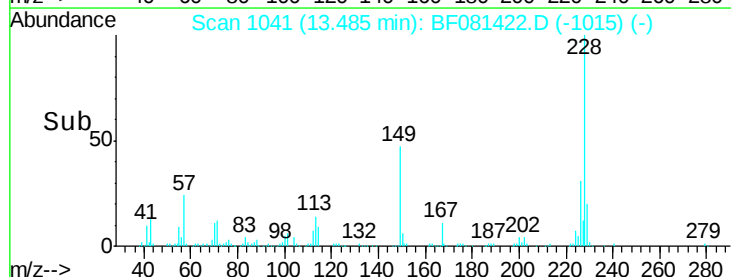
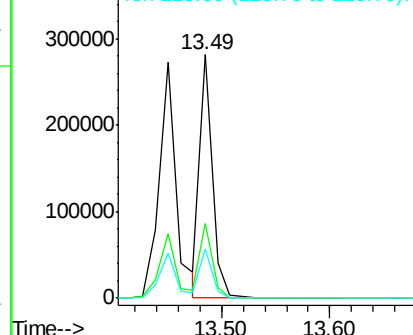


#82
 Chrysene
 Concen: 26.91 ng
 RT: 13.49 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.0	31.4
229	20.0	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: 27.19 ng

RT: 13.49 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

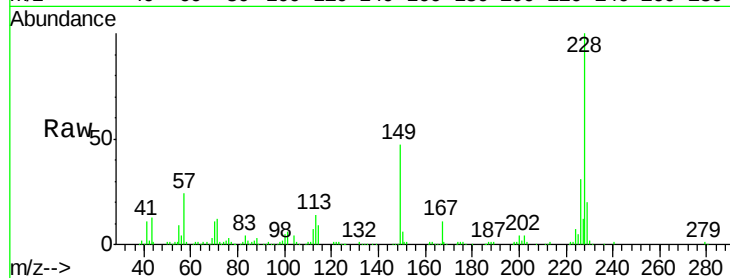
Tot Ion:149 Resp: 170672

Ion Ratio Lower Upper

149 100

167 22.8 24.2 36.2#

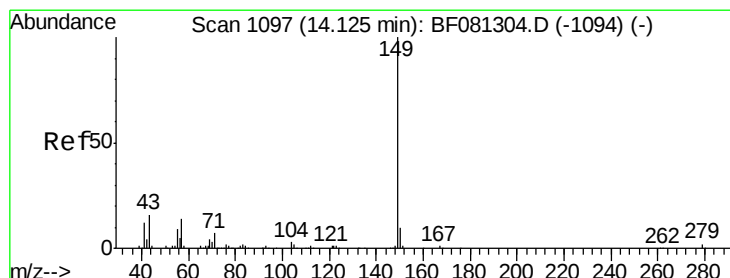
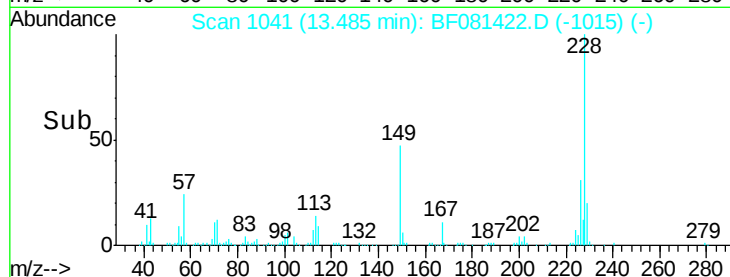
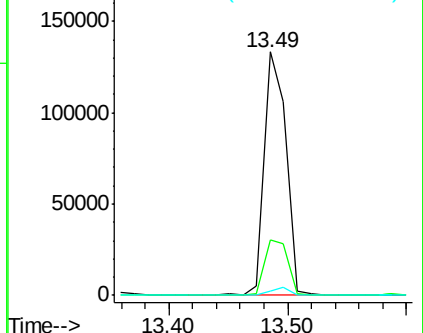
279 1.5 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 24.83 ng

RT: 14.09 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

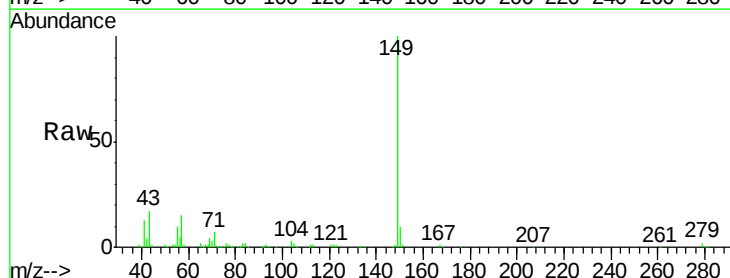
Tgt Ion:149 Resp: 256659

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

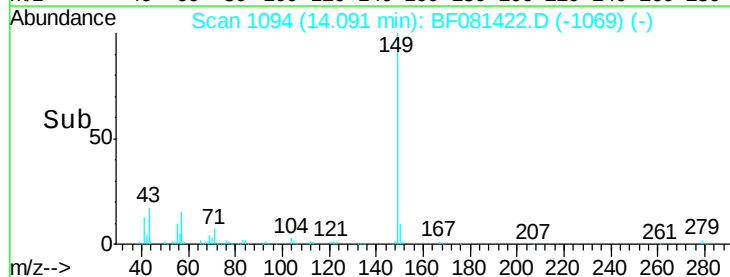
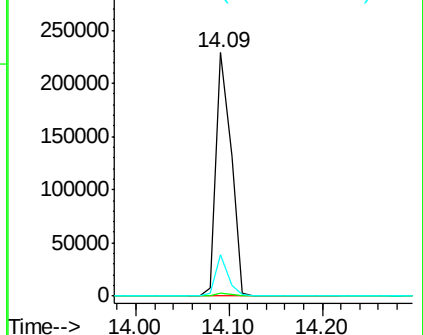
43 14.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

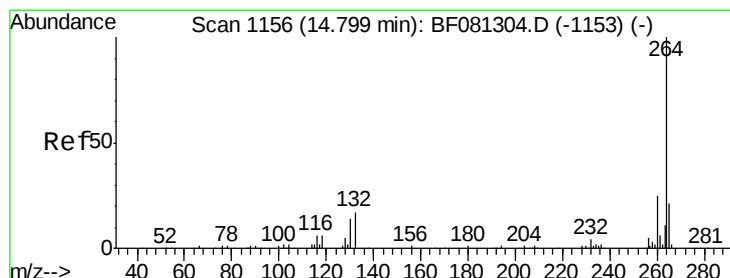
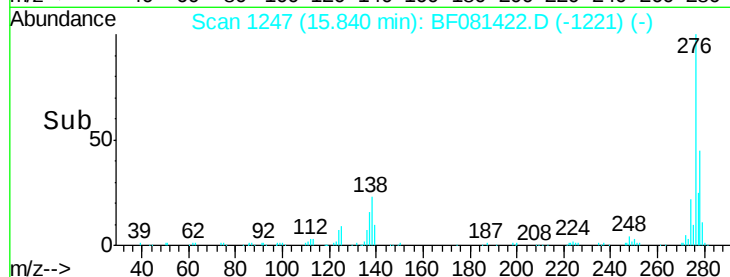
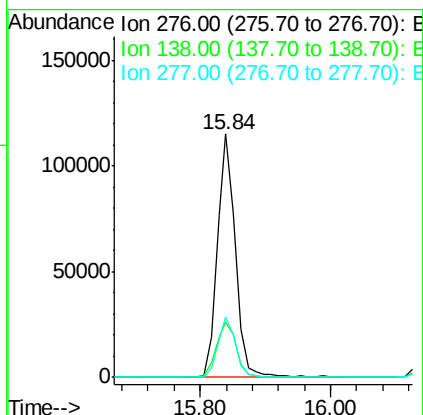
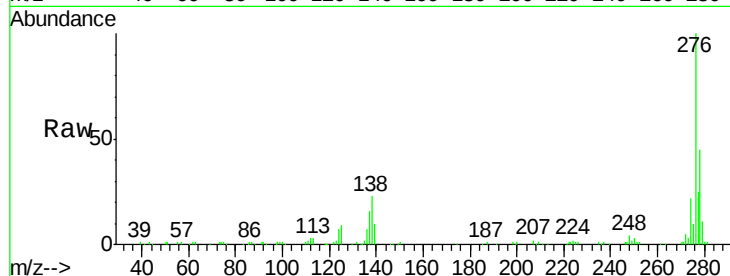




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.23 ng
 RT: 15.84 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

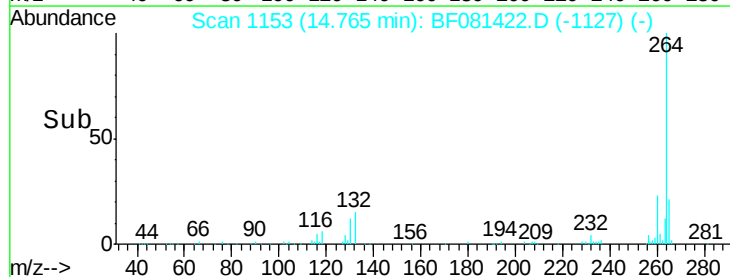
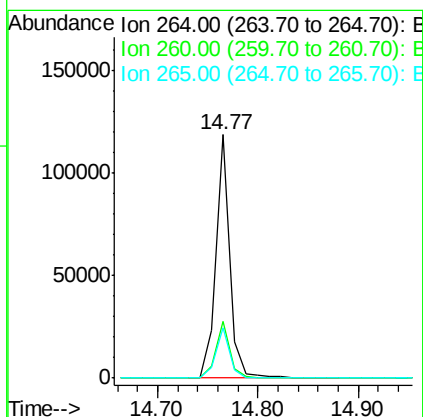
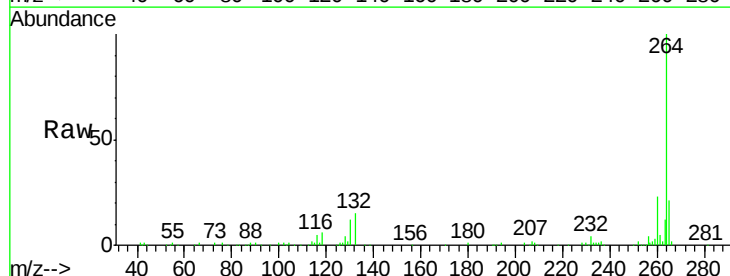
Instrument :
 BNA_F
 ClientSampleId :
 PB85375BS

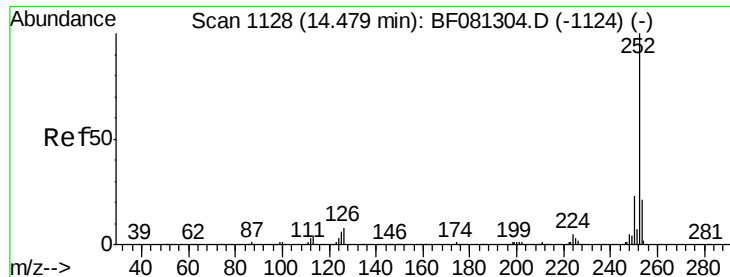
Tot Ion:276 Resp: 224070
 Ion Ratio Lower Upper
 276 100
 138 25.0 25.7 38.5#
 277 24.8 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081422.D
 Acq: 4 Sep 2015 16:44

Tgt Ion:264 Resp: 113394
 Ion Ratio Lower Upper
 264 100
 260 23.4 16.7 25.1
 265 20.8 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 53.03 ng

RT: 14.47 min Scan# 1127

Delta R.T. 0.02 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

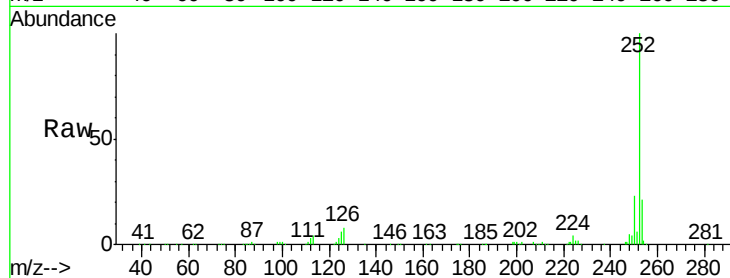
Tot Ion:252 Resp: 429283

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

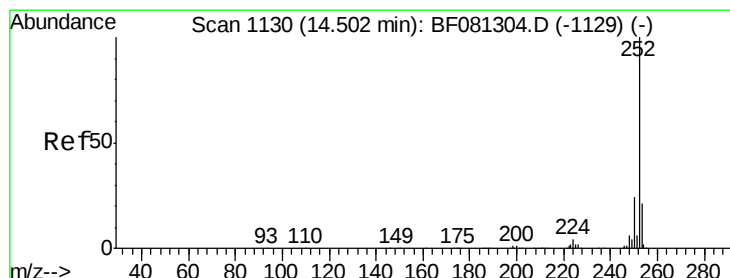
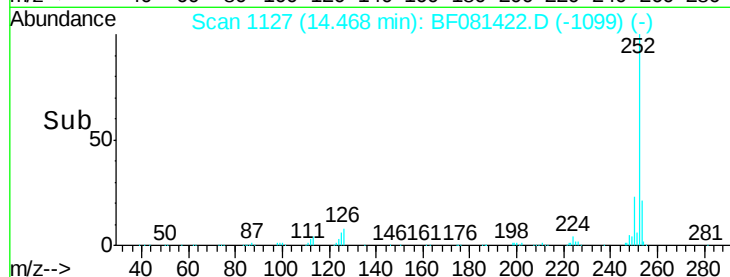
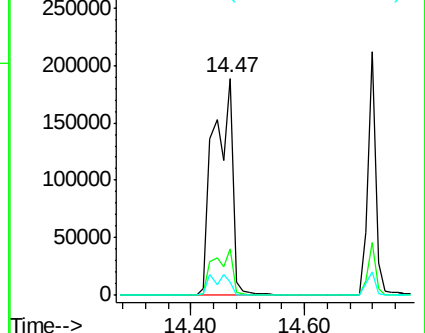
125 5.9 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 63.91 ng

RT: 14.47 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

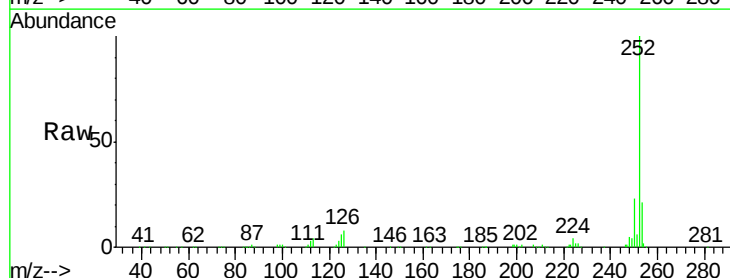
Tgt Ion:252 Resp: 429283

Ion Ratio Lower Upper

252 100

253 21.4 17.0 25.4

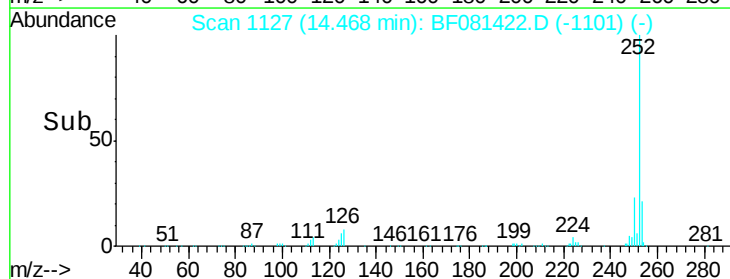
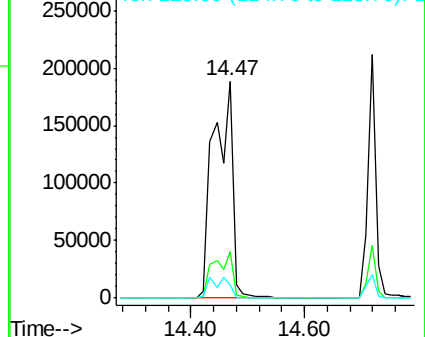
125 5.9 16.0 24.0#

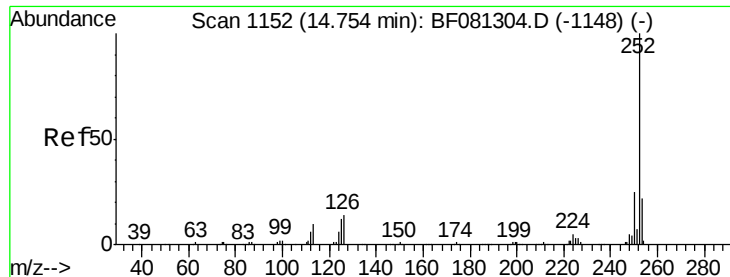


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 30.82 ng

RT: 14.72 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

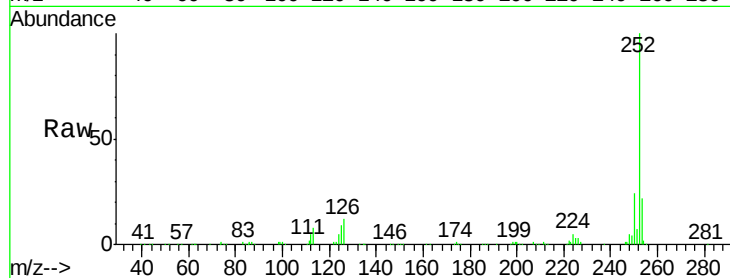
Tot Ion:252 Resp: 211417

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

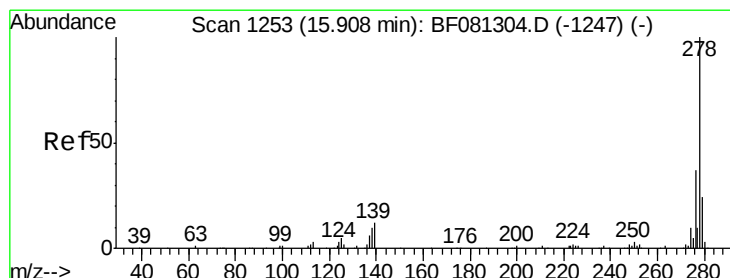
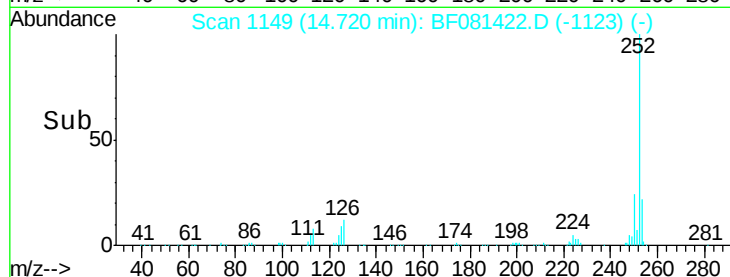
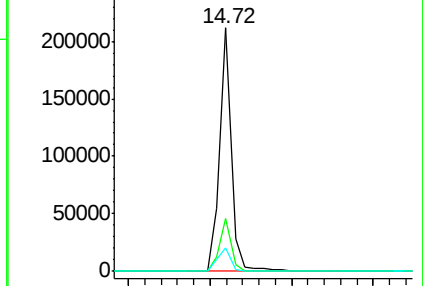
125 9.4 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.99 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

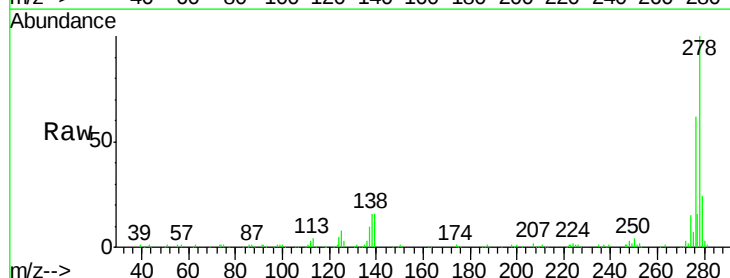
Tgt Ion:278 Resp: 185455

Ion Ratio Lower Upper

278 100

139 16.4 26.3 39.5#

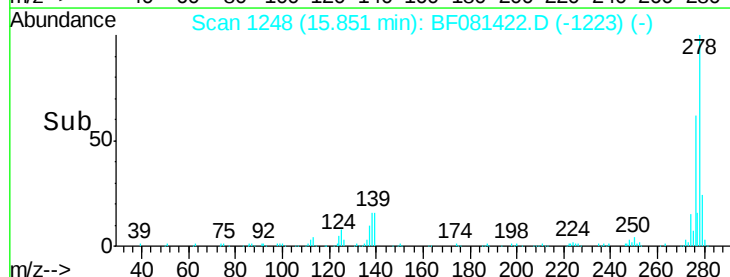
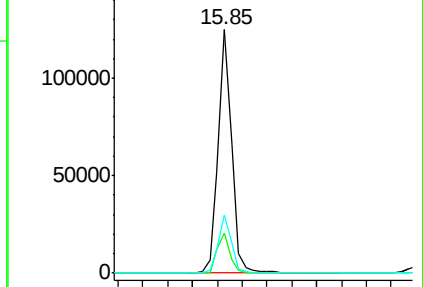
279 23.9 18.2 27.4

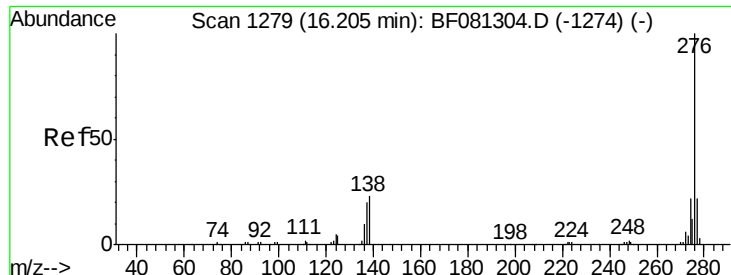


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.41 ng

RT: 16.16 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF081422.D

Acq: 4 Sep 2015 16:44

Instrument :

BNA_F

ClientSampleId :

PB85375BS

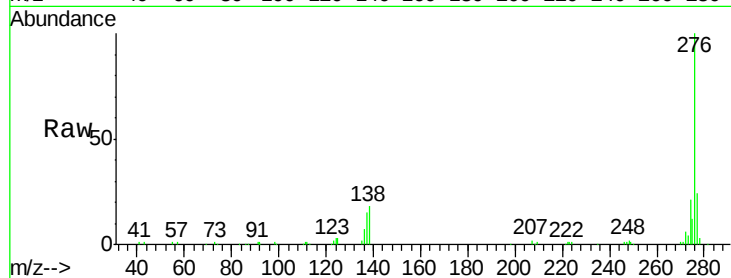
Tot Ion:276 Resp: 184217

Ion Ratio Lower Upper

276 100

277 23.5 17.8 26.6

138 18.0 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

