

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
 Data File : BF081155.D
 Acq On : 21 Aug 2015 20:16
 Operator : UM/IZ
 Sample : G3363-10MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 23:30:53 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	61861	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	243337	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	117797	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	214588	20.00	ng	0.00
75) Chrysene-d12	13.67	240	164005	20.00	ng	0.00
86) Perylene-d12	15.00	264	123476	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	495046	120.37	ng	0.03
7) Phenol-d6	6.22	99	665672	124.05	ng	0.01
23) Nitrobenzene-d5	7.13	82	475747	89.31	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	132640	129.90	ng	0.01
44) 2-Fluorobiphenyl	8.93	172	777728	86.51	ng	0.00
78) Terphenyl-d14	12.64	244	691223	90.35	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.13	88	57984	29.92	ng	# 89
4) n-Nitrosodimethylamine	2.63	42	91649	30.09	ng	# 79
8) 2-Chlorophenol	6.34	128	191205	42.47	ng	88
9) Benzaldehyde	6.09	77	73812	21.34	ng	97
10) Phenol	6.23	94	231830	36.58	ng	# 62
11) bis(2-Chloroethyl)ether	6.31	93	209416	43.06	ng	97
12) 1,3-Dichlorobenzene	6.49	146	172403	35.64	ng	# 94
13) 1,4-Dichlorobenzene	6.57	146	176945	36.94	ng	95
14) 1,2-Dichlorobenzene	6.72	146	153511	34.24	ng	95
15) Benzyl Alcohol	6.71	79	157990	36.39	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.85	45	388553	40.66	ng	92
17) 2-Methylphenol	6.84	107	159984	41.42	ng	96
18) Hexachloroethane	7.06	117	65814	34.01	ng	96
19) n-Nitroso-di-n-propylamine	6.98	70	154803	41.64	ng	93
20) 3+4-Methylphenols	7.00	107	207077	42.24	ng	# 44
22) Acetophenone	6.97	105	284584	44.55	ng	# 88
24) Nitrobenzene	7.14	77	208738	37.48	ng	96
25) Isophorone	7.40	82	412913	41.57	ng	96
26) 2-Nitrophenol	7.46	139	96888	41.83	ng	# 80
27) 2,4-Dimethylphenol	7.52	122	186836	45.60	ng	91
28) bis(2-Chloroethoxy)methane	7.61	93	255074	43.46	ng	99
29) 2,4-Dichlorophenol	7.72	162	150665	43.67	ng	98
30) 1,2,4-Trichlorobenzene	7.78	180	150190	39.17	ng	98
31) Naphthalene	7.86	128	531983	39.22	ng	99
32) Benzoic acid	7.66	122	120032	52.08	ng	92
33) 4-Chloroaniline	7.92	127	24933	4.36	ng	# 91
34) Hexachlorobutadiene	7.99	225	90109	41.56	ng	97
35) Caprolactam	8.30	113	19688	16.33	ng	# 75
36) 4-Chloro-3-methylphenol	8.41	107	177303	43.12	ng	97
37) 2-Methylnaphthalene	8.55	142	350094	40.86	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	147746	38.87	ng	98
40) Hexachlorocyclopentadiene	8.71	237	91216	46.37	ng	98
42) 2,4,6-Trichlorophenol	8.84	196	110674	41.22	ng	99
43) 2,4,5-Trichlorophenol	8.88	196	110957	41.35	ng	97

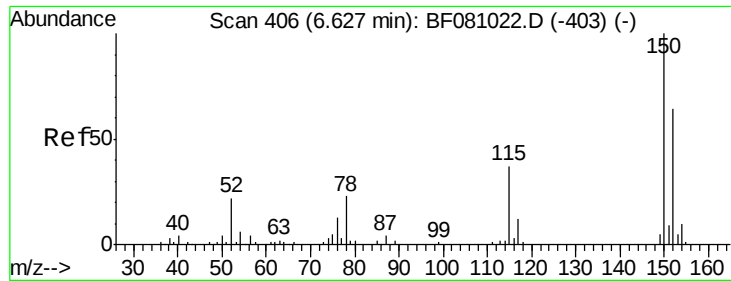
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.02	154	420171	40.49	nq	96
46) 2-Chloronaphthalene	9.04	162	344829	41.37	nq	97
47) 2-Nitroaniline	9.14	65	143356	42.03	nq	# 75
48) Acenaphthylene	9.45	152	568476	38.12	nq	99
49) Dimethylphthalate	9.34	163	391429	40.35	nq	98
50) 2,6-Dinitrotoluene	9.38	165	76883	36.91	nq	# 58
51) Acenaphthene	9.62	154	340221	38.11	nq	99
52) 3-Nitroaniline	9.54	138	52157	20.01	nq	93
53) 2,4-Dinitrophenol	9.66	184	67063	61.17	nq	# 80
54) Dibenzofuran	9.80	168	487397	40.74	nq	99
55) 4-Nitrophenol	9.73	139	122979	67.18	nq	# 83
56) 2,4-Dinitrotoluene	9.78	165	100898	36.55	nq	# 60
57) Fluorene	10.13	166	337532	36.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	91122	43.87	nq	94
59) Diethylphthalate	10.02	149	386788	37.67	nq	99
60) 4-Chlorophenyl-phenylether	10.13	204	154685	39.72	nq	97
61) 4-Nitroaniline	10.16	138	85685	32.16	nq	93
62) Azobenzene	10.29	77	485268	41.01	nq	96
64) 4,6-Dinitro-2-methylphenol	10.20	198	45761	35.71	nq	# 50
65) n-Nitrosodiphenylamine	10.25	169	335434	43.79	nq	99
66) 4-Bromophenyl-phenylether	10.62	248	100454	47.65	nq	96
67) Hexachlorobenzene	10.68	284	103964	48.70	nq	97
68) Atrazine	10.79	200	110692	51.87	nq	93
69) Pentachlorophenol	10.87	266	111094	86.73	nq	98
70) Phenanthrene	11.08	178	500808	39.38	nq	99
71) Anthracene	11.13	178	569017	45.98	nq	100
72) Carbazole	11.29	167	571037	47.93	nq	99
73) Di-n-butylphthalate	11.64	149	624863	43.34	nq	98
74) Fluoranthene	12.25	202	521736	38.02	nq	93
77) Pyrene	12.48	202	622355	46.68	nq	99
79) Butylbenzylphthalate	13.12	149	265343	46.30	nq	99
80) Benzo(a)anthracene	13.66	228	452533	41.14	nq	99
81) 3,3'-Dichlorobenzidine	13.64	252	103563	29.07	nq	# 95
82) Chrysene	13.69	228	353096	35.62	nq	99
83) Bis(2-ethylhexyl)phthalate	13.68	149	380534	51.84	nq	100
84) Di-n-octyl phthalate	14.29	149	598274	53.62	nq	98
85) Indeno(1,2,3-cd)pyrene	16.19	276	332317	47.75	nq	# 94
87) Benzo(b)fluoranthene	14.68	252	721238	82.58	nq	99
88) Benzo(k)fluoranthene	14.68	252	721238	88.62	nq	# 96
89) Benzo(a)pyrene	14.95	252	342249	44.97	nq	98
90) Dibenzo(a,h)anthracene	16.20	278	277632	46.82	nq	# 94
91) Benzo(g,h,i)perylene	16.54	276	263815	43.85	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

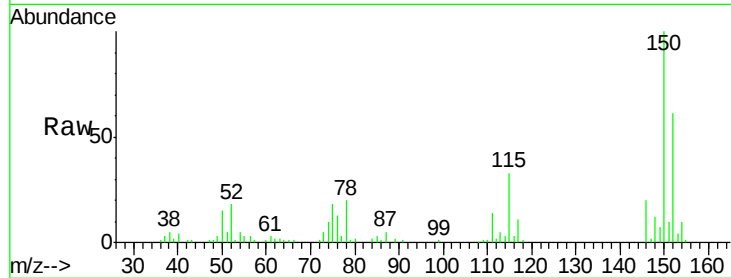
Tot Ion:152 Resp: 61861

Ion Ratio Lower Upper

152 100

150 163.0 123.8 185.6

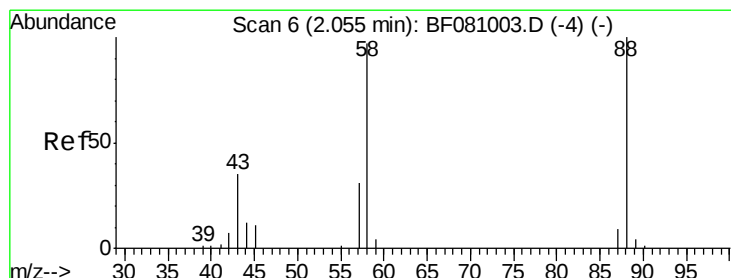
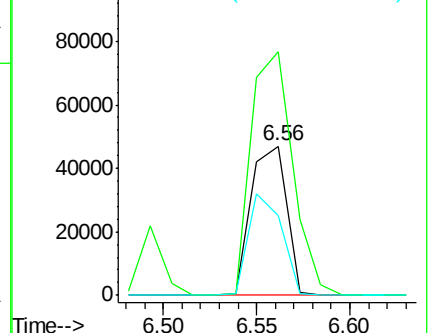
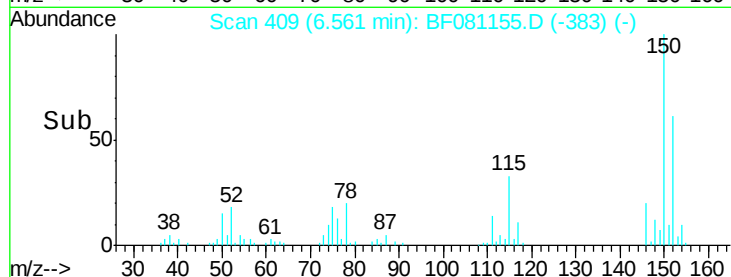
115 53.7 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.92 ng

RT: 2.13 min Scan# 21

Delta R.T. 0.18 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

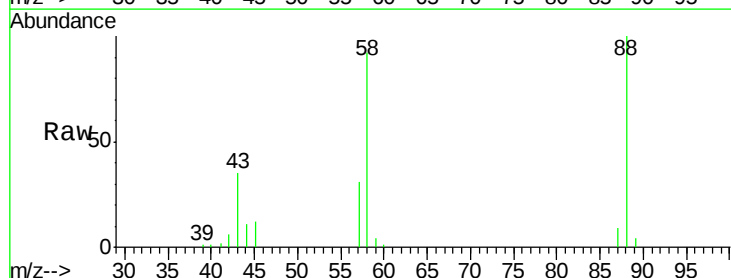
Tgt Ion: 88 Resp: 57984

Ion Ratio Lower Upper

88 100

58 96.1 83.7 125.5

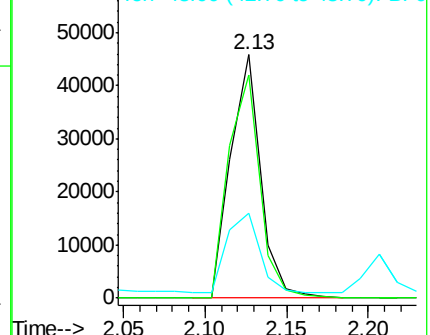
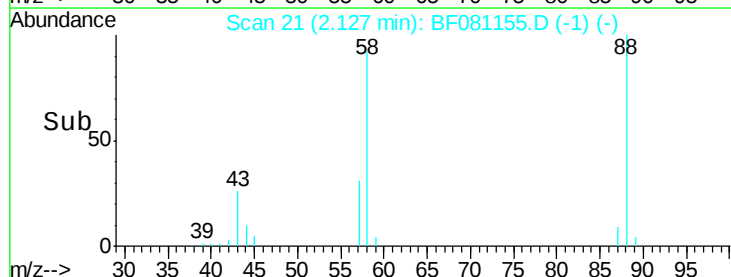
43 35.9 37.5 56.3#

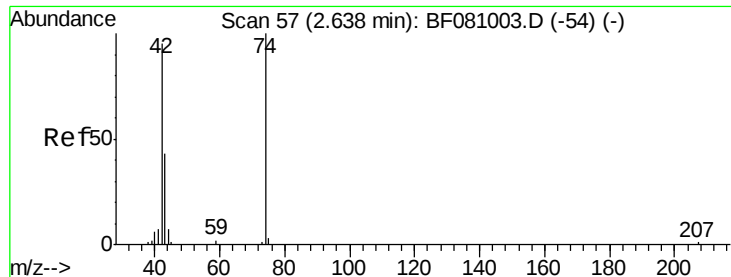


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



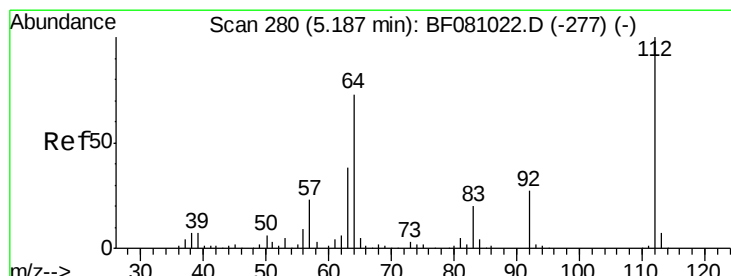
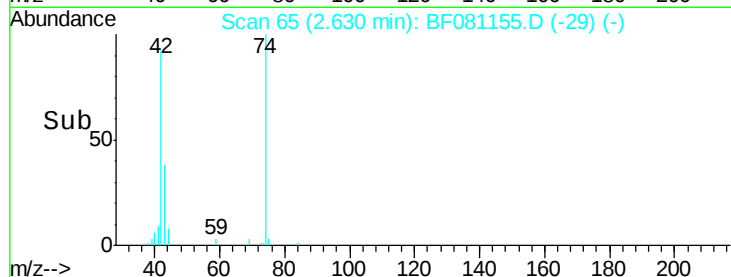
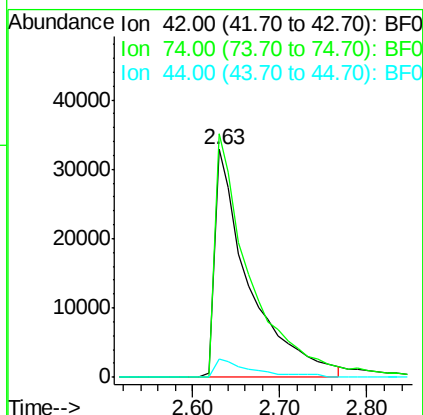
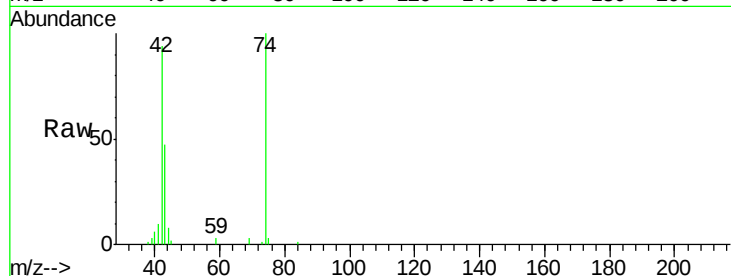


#4

n-Nitrosodimethylamine
 Concen: 30.09 ng
 RT: 2.63 min Scan# 65
 Delta R.T. 0.11 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :

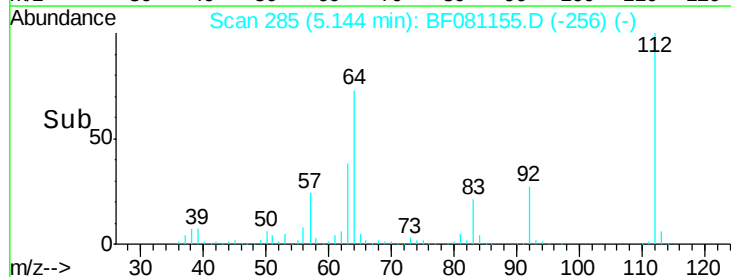
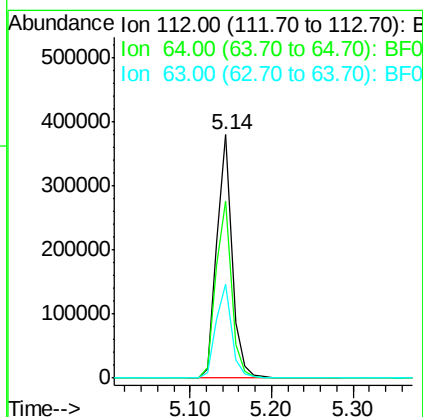
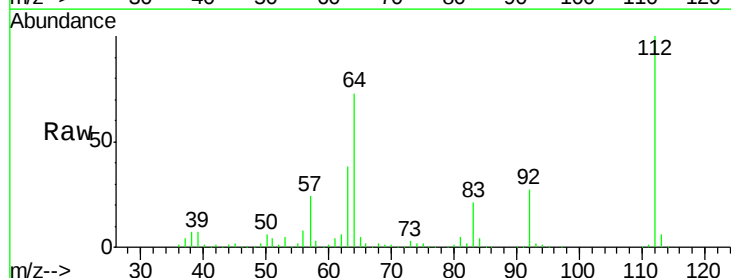
Tot Ion	Ratio	Lower	Upper
42	100		
74	106.8	69.3	103.9
44	8.2	5.5	8.3

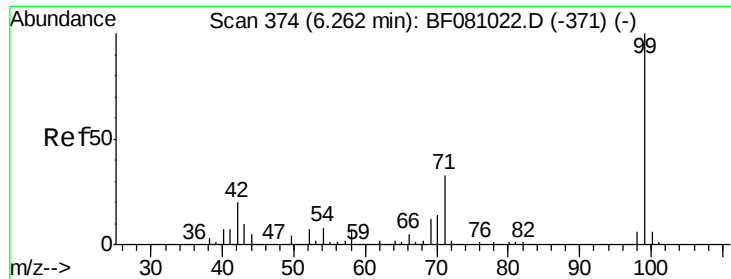


#5

2-Fluorophenol
 Concen: 120.37 ng
 RT: 5.14 min Scan# 285
 Delta R.T. 0.03 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.0	66.9	100.3
63	38.3	38.1	57.1





#7

Phenol-d6

Concen: 124.05 ng

RT: 6.22 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

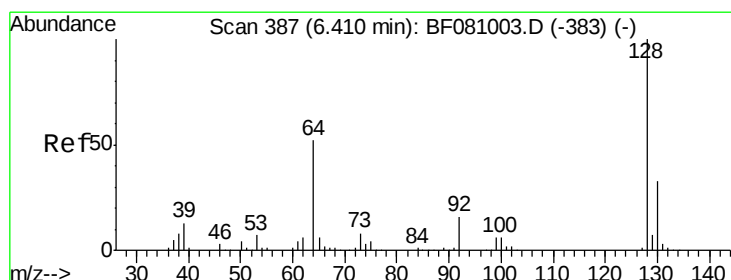
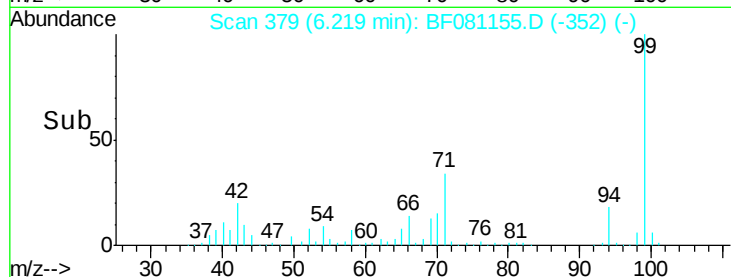
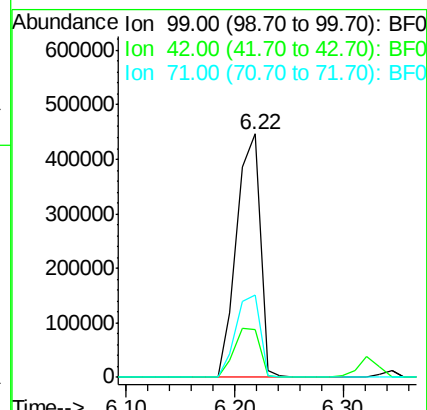
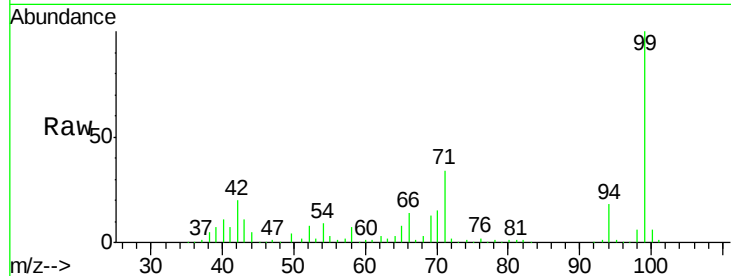
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 665672

Ion	Ratio	Lower	Upper
99	100		
42	19.6	19.6	29.4#
71	33.7	31.2	46.8



#8

2-Chlorophenol

Concen: 42.47 ng

RT: 6.34 min Scan# 390

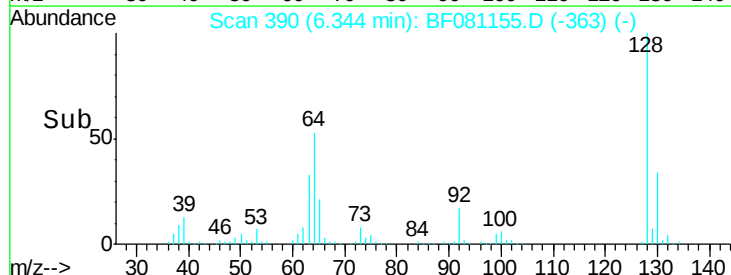
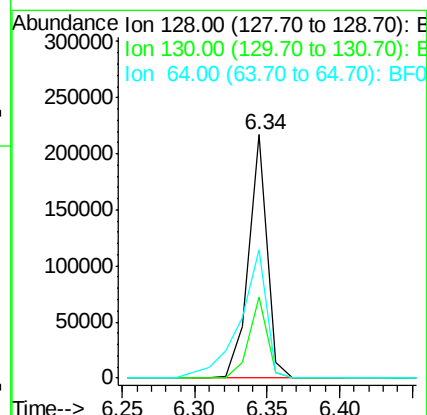
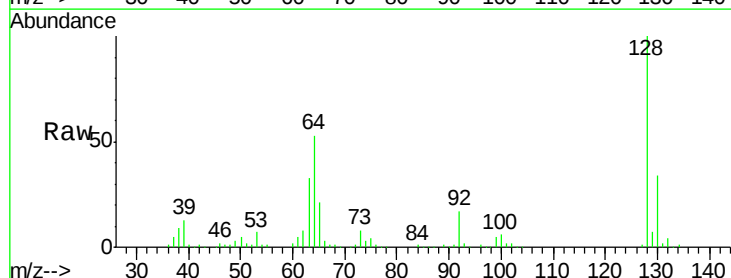
Delta R.T. 0.01 min

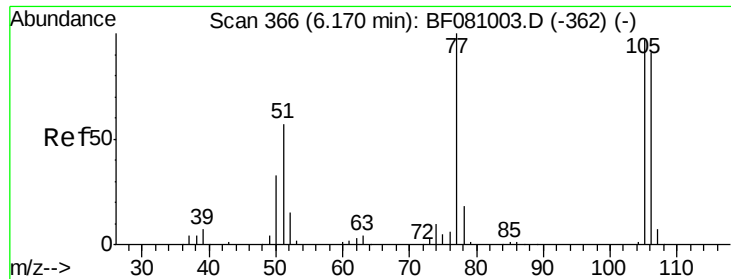
Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Tgt Ion: 128 Resp: 191205

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.5	52.5
64	52.9	46.8	86.8

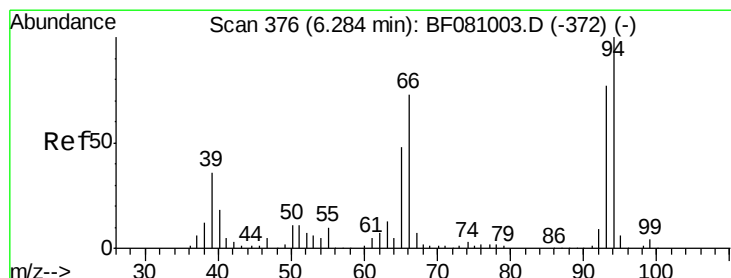
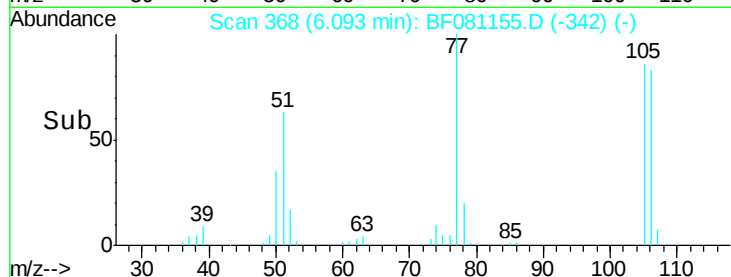
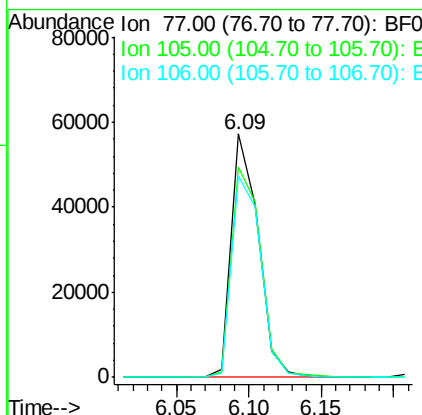
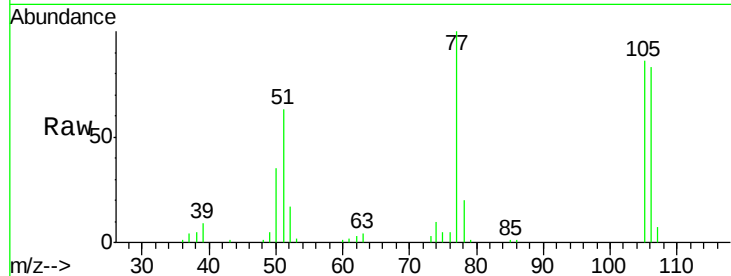




#9
Benzaldehyde
Concen: 21.34 ng
RT: 6.09 min Scan# 368
Delta R.T. -0.00 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

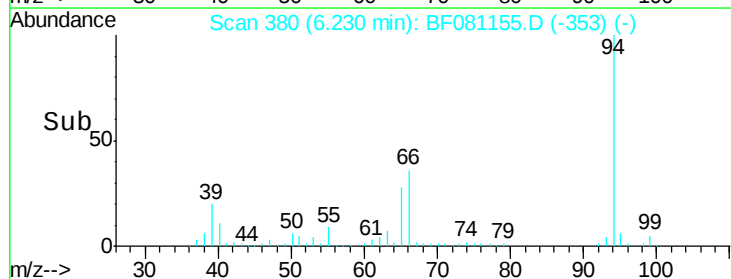
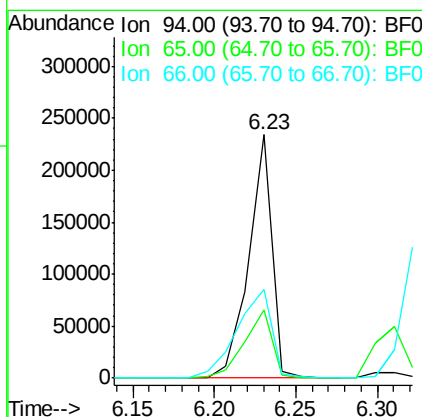
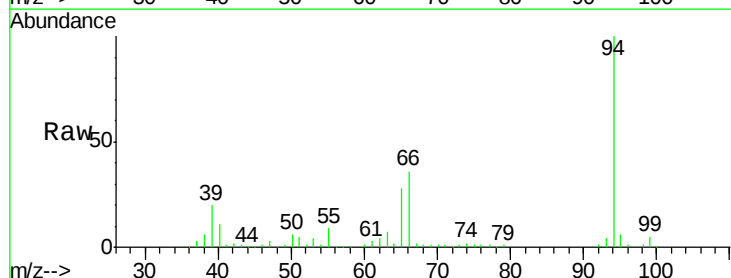
Instrument :
BNA_F
ClientSampleId :

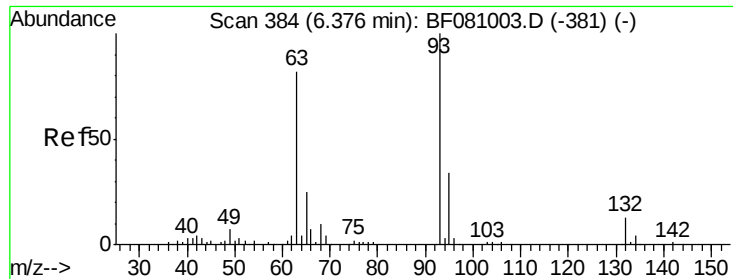
Tot Ion: 77 Resp: 73812
Ion Ratio Lower Upper
77 100
105 86.2 69.6 109.6
106 82.7 64.0 104.0



#10
Phenol
Concen: 36.58 ng
RT: 6.23 min Scan# 380
Delta R.T. 0.01 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

Tgt Ion: 94 Resp: 231830
Ion Ratio Lower Upper
94 100
65 27.8 28.4 68.4#
66 36.4 52.3 92.3#

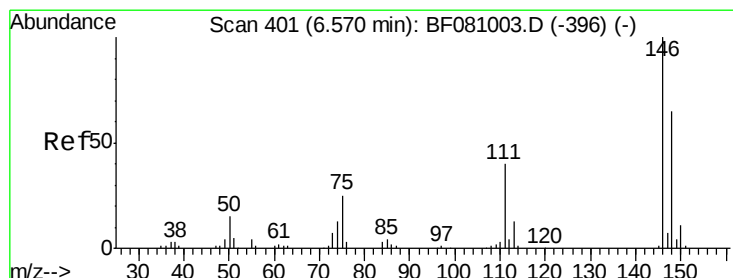
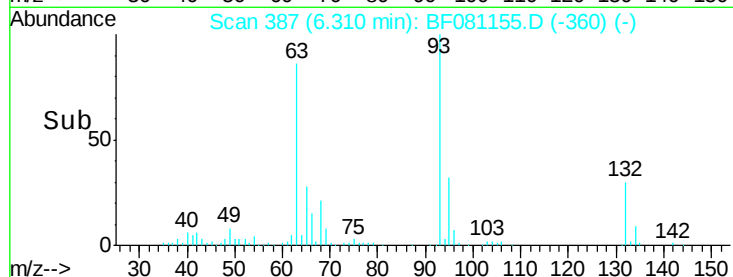
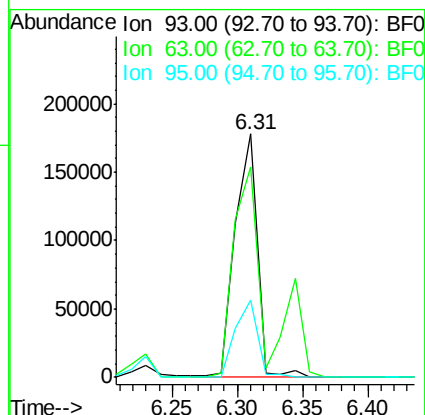
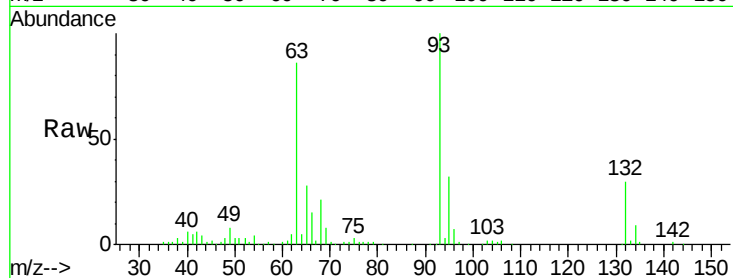




#11
bis(2-Chloroethyl)ether
Concen: 43.06 ng
RT: 6.31 min Scan# 387
Delta R.T. 0.01 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

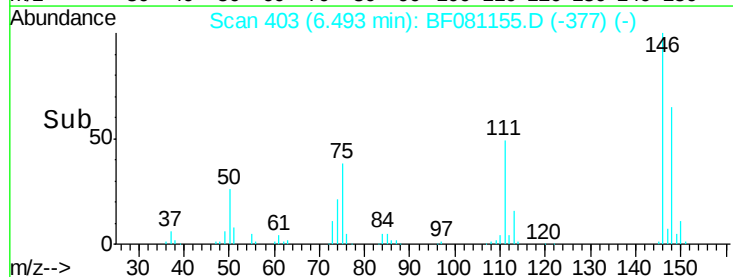
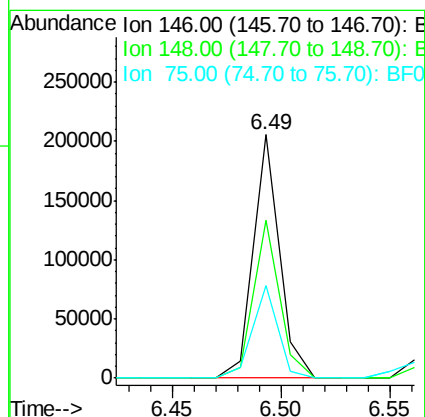
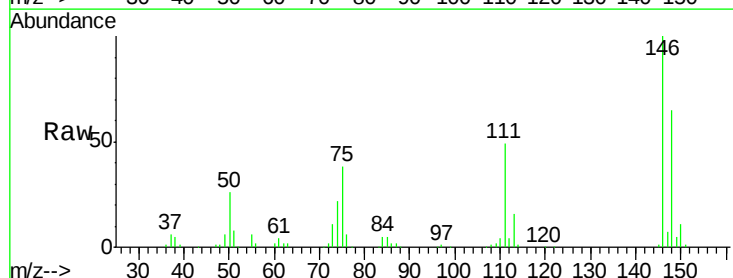
Instrument :
BNA_F
ClientSampleId :

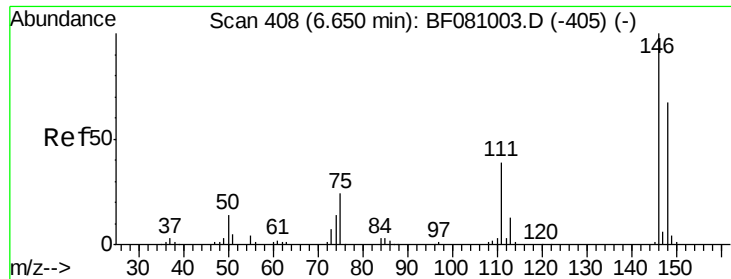
Tot Ion: 93 Resp: 209416
Ion Ratio Lower Upper
93 100
63 86.2 69.6 109.6
95 32.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 35.64 ng
RT: 6.49 min Scan# 403
Delta R.T. -0.00 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

Tgt Ion: 146 Resp: 172403
Ion Ratio Lower Upper
146 100
148 64.6 53.3 79.9
75 38.3 25.0 37.6#

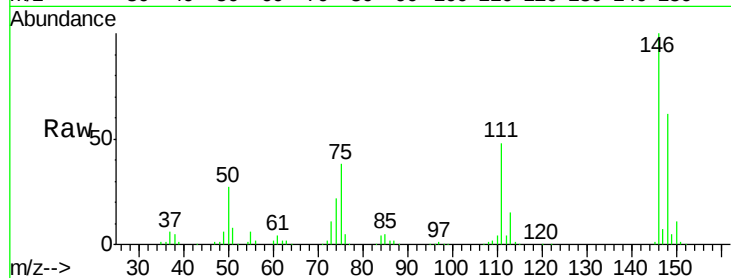




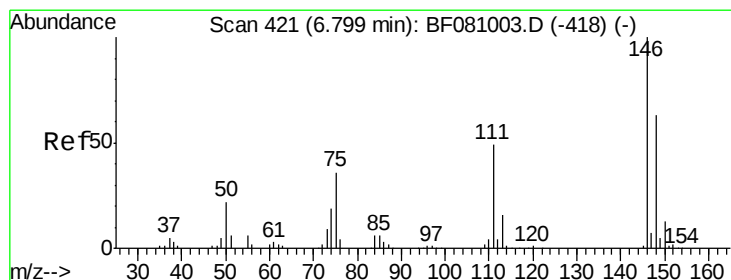
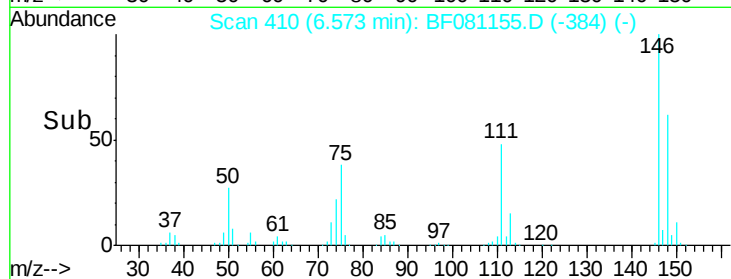
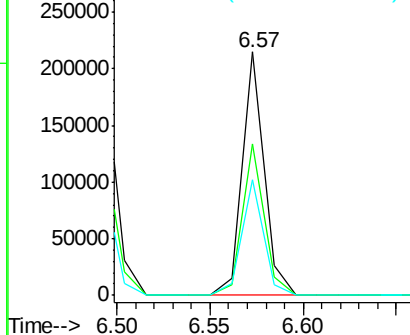
#13
 1,4-Dichlorobenzene
 Concen: 36.94 ng
 RT: 6.57 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 176945
 Ion Ratio Lower Upper
 146 100
 148 62.4 52.3 78.5
 111 47.6 34.4 51.6

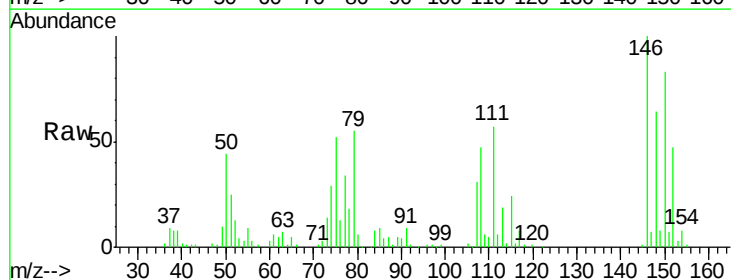


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

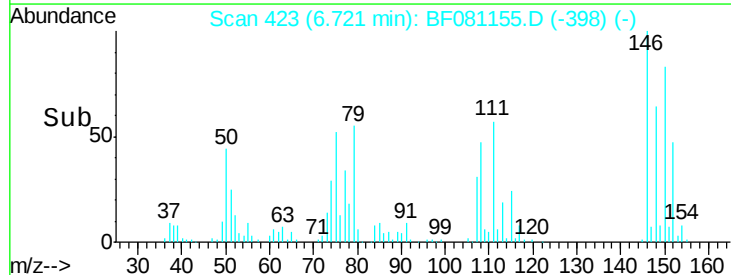
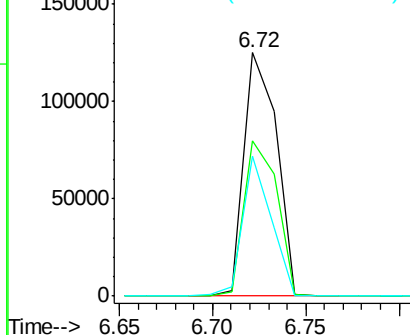


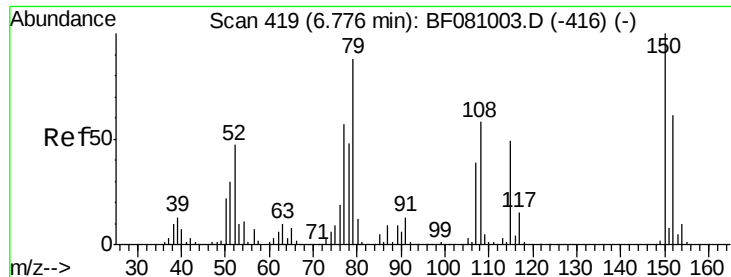
#14
 1,2-Dichlorobenzene
 Concen: 34.24 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Tgt Ion:146 Resp: 153511
 Ion Ratio Lower Upper
 146 100
 148 63.8 48.7 73.1
 111 57.4 42.3 63.5



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

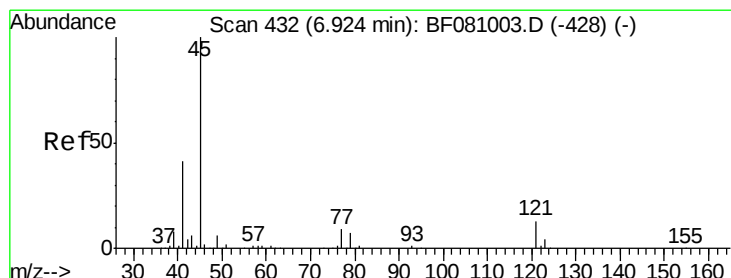
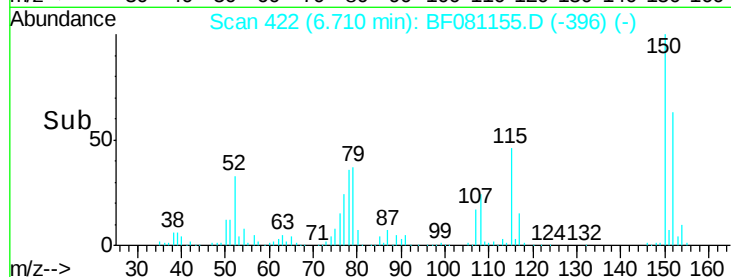
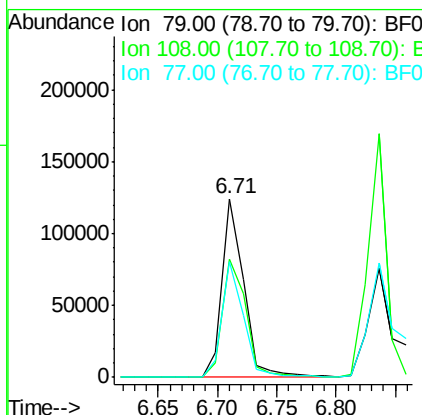
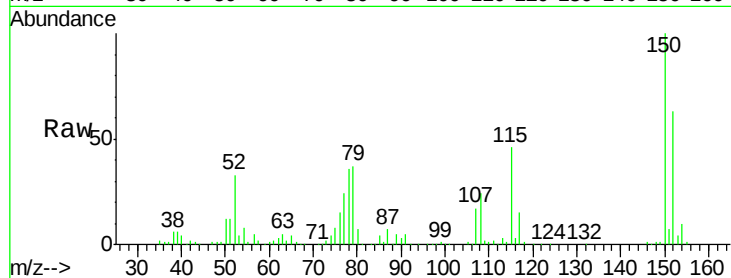




#15
Benzyl Alcohol
Concen: 36.39 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.00 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

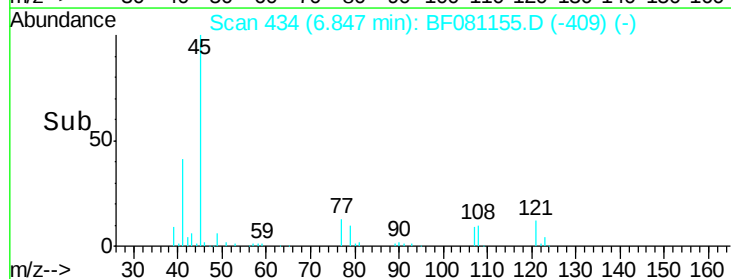
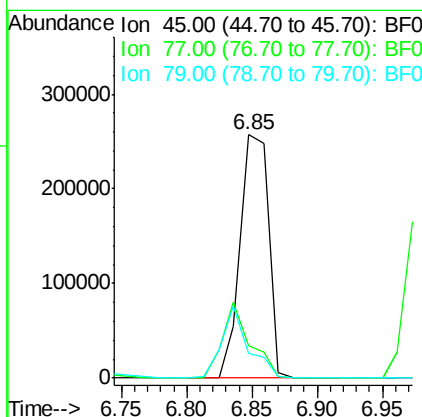
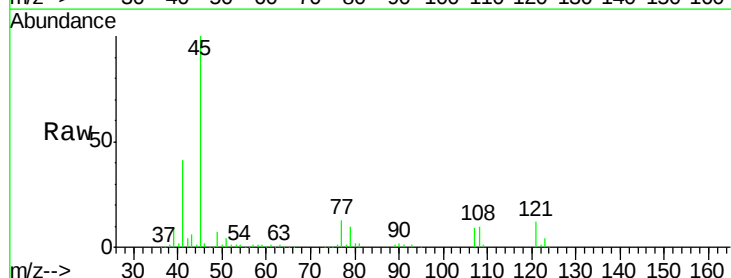
Instrument :
BNA_F
ClientSampleId :

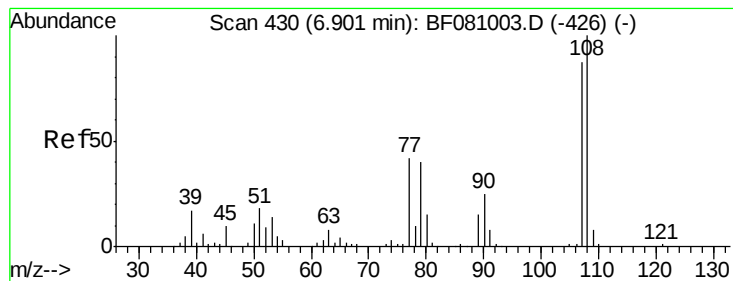
Tot Ion: 79 Resp: 157990
Ion Ratio Lower Upper
79 100
108 65.9 49.4 74.2
77 64.6 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.66 ng
RT: 6.85 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

Tgt Ion: 45 Resp: 388553
Ion Ratio Lower Upper
45 100
77 13.3 0.0 30.2
79 10.4 0.0 28.0

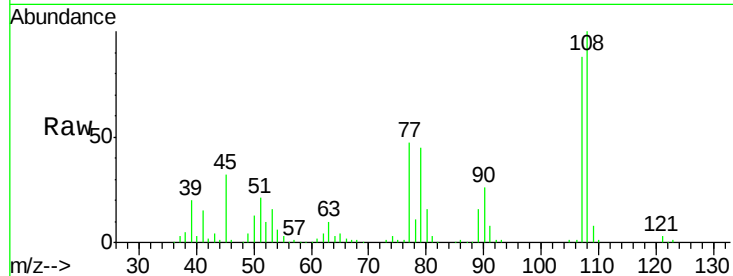




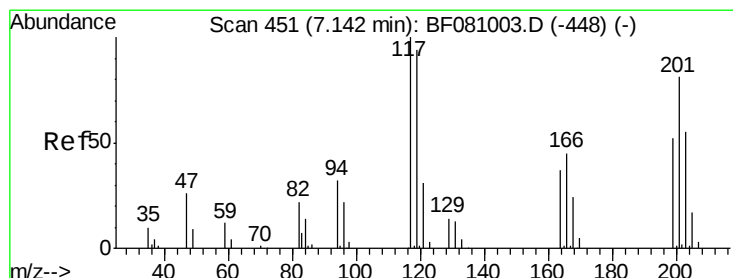
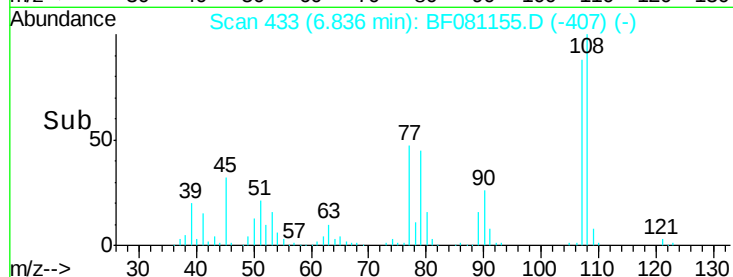
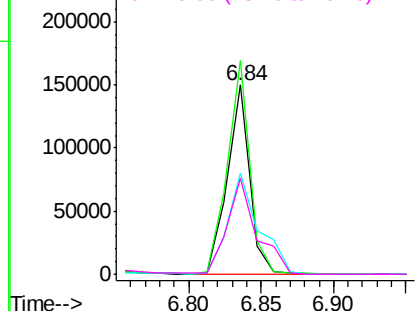
#17
2-Methylphenol
Concen: 41.42 ng
RT: 6.84 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	159984
Ion	Ratio	Lower	Upper
107	100		
108	113.1	90.4	135.6
77	53.2	46.5	69.7
79	50.6	46.3	69.5

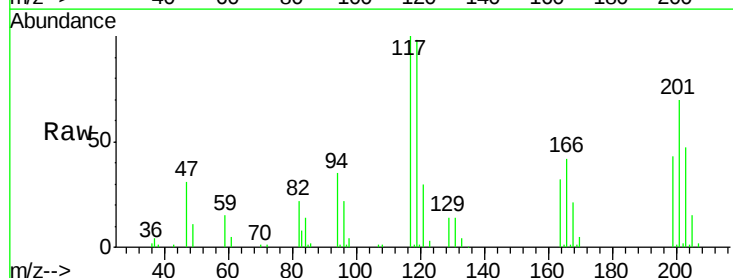


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

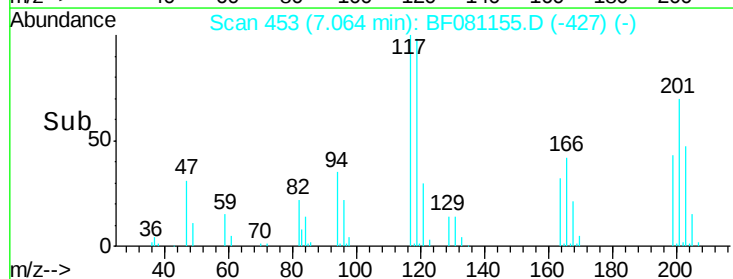
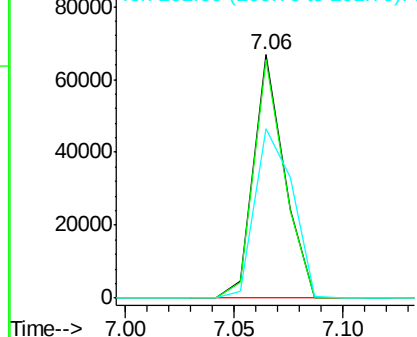


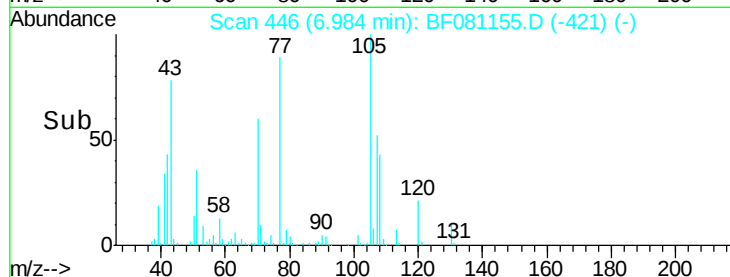
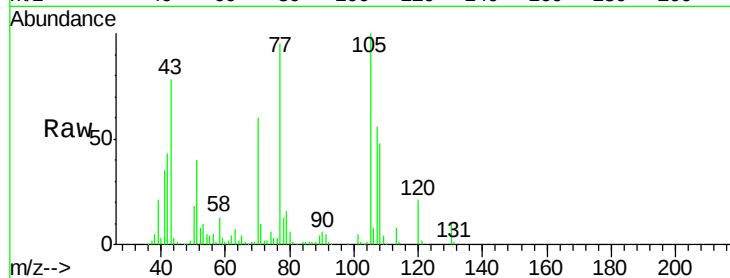
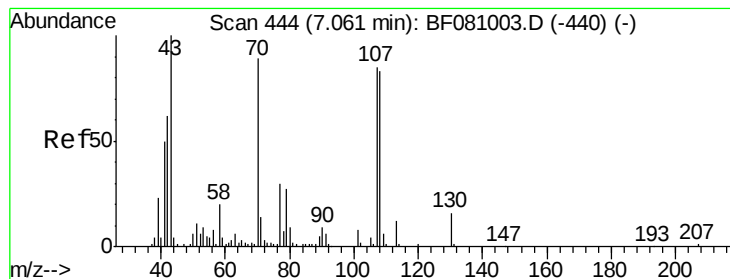
#18
Hexachloroethane
Concen: 34.01 ng
RT: 7.06 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

Tgt Ion:	117	Resp:	65814
Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.9	116.9
201	69.8	61.3	91.9



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.64 ng

RT: 6.98 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 154803

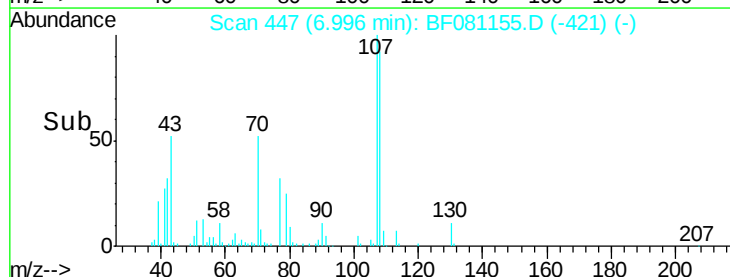
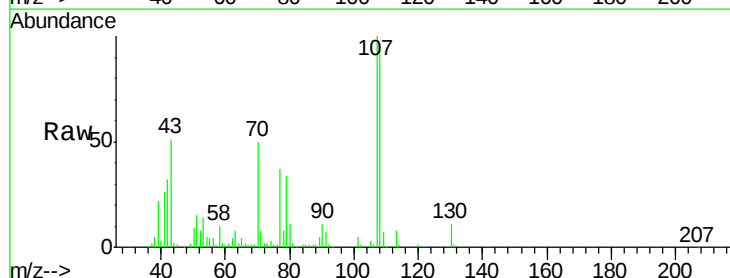
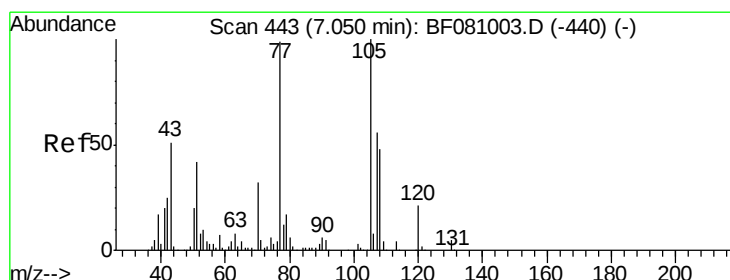
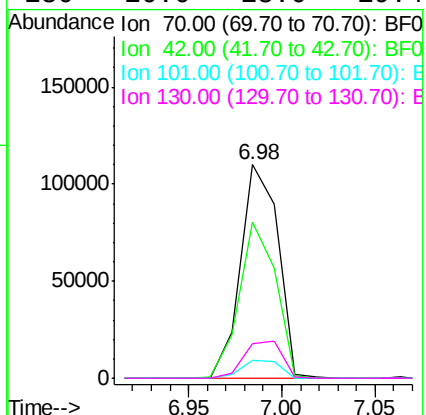
Ion Ratio Lower Upper

70 100

42 72.9 65.0 97.4

101 8.4 7.4 11.2

130 16.0 13.0 19.4



#20

3+4-Methylphenols

Concen: 42.24 ng

RT: 7.00 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Tgt Ion: 107 Resp: 207077

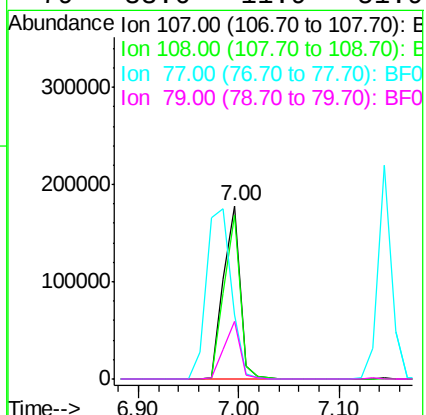
Ion Ratio Lower Upper

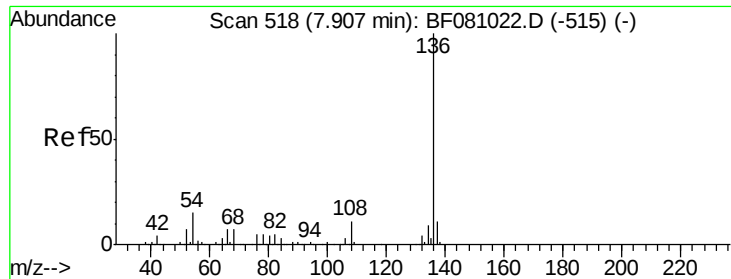
107 100

108 94.6 66.1 106.1

77 37.2 139.3 179.3#

79 33.6 11.9 51.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 243337

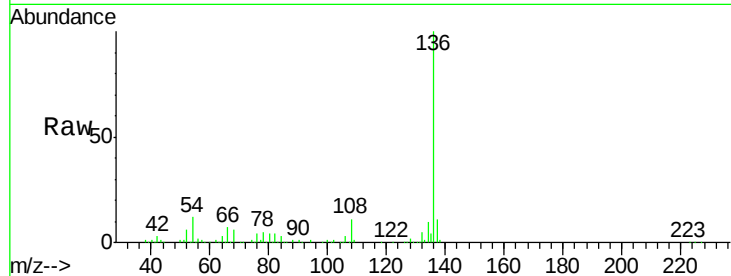
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.2

54 12.4 7.7 11.5#

68 6.5 3.4 5.2#

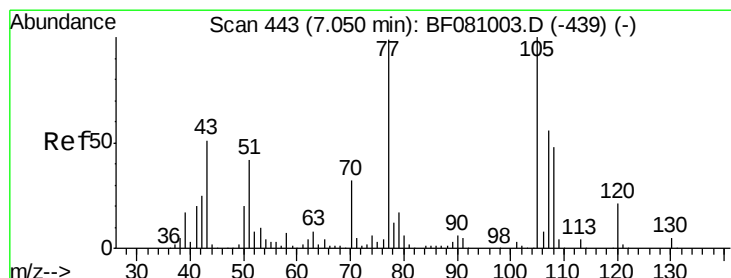
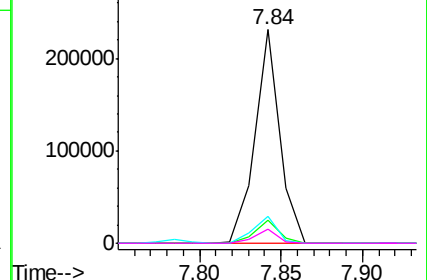
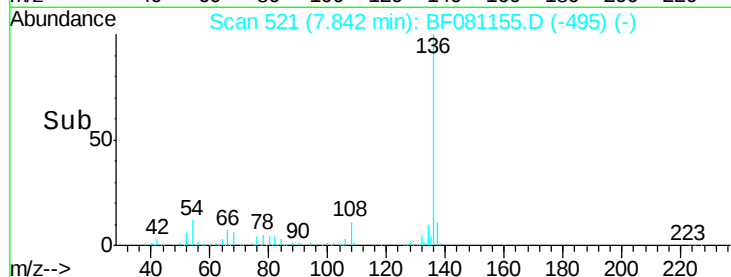


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 44.55 ng

RT: 6.97 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Tgt Ion:105 Resp: 284584

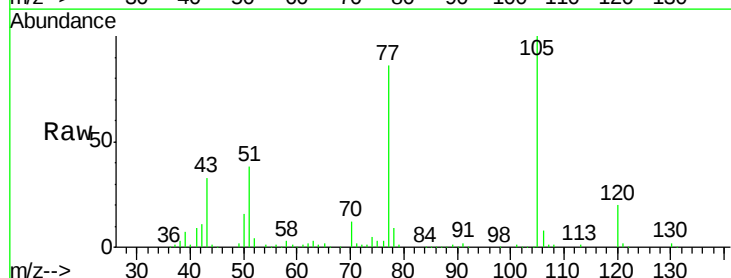
Ion Ratio Lower Upper

105 100

71 2.3 3.0 4.6#

51 37.8 39.8 59.8#

120 20.1 15.8 23.8

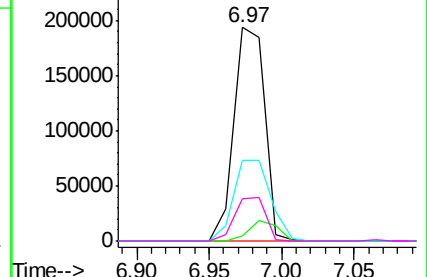
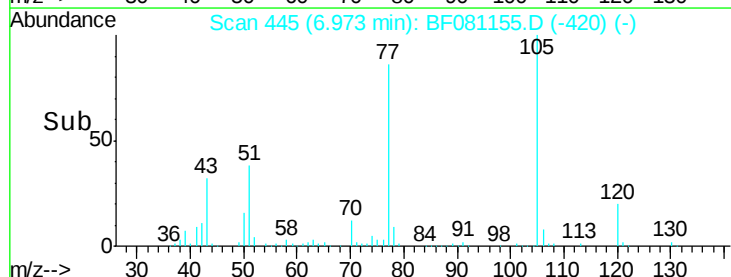


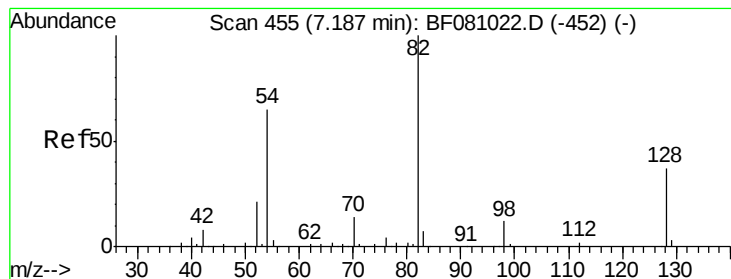
Abundance Ion 105.00 (104.70 to 105.70): E

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: 89.31 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

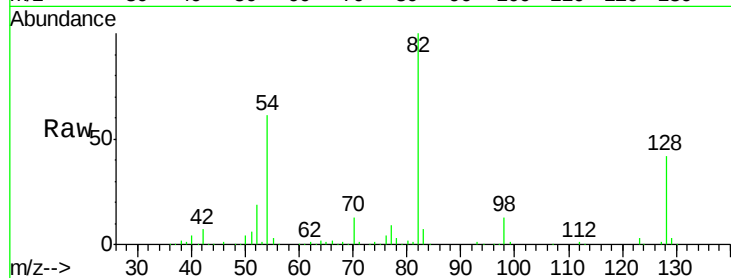
Tot Ion: 82 Resp: 475747

Ion Ratio Lower Upper

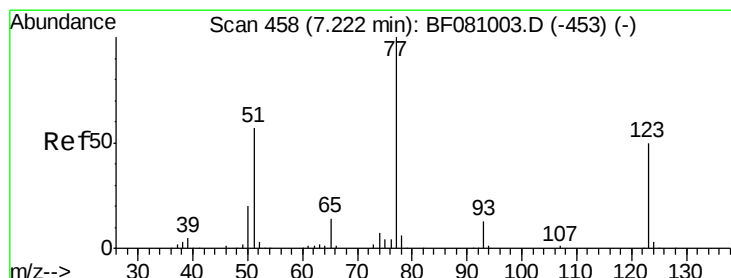
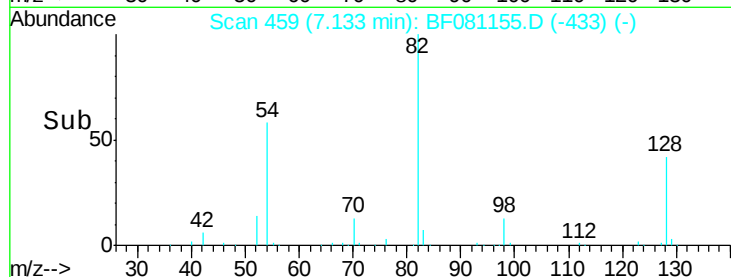
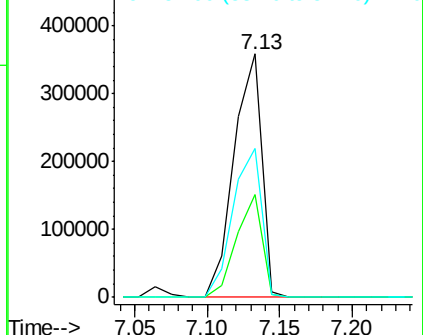
82 100

128 42.3 28.6 42.8

54 61.1 55.1 82.7



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



#24

Nitrobenzene

Concen: 37.48 ng

RT: 7.14 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

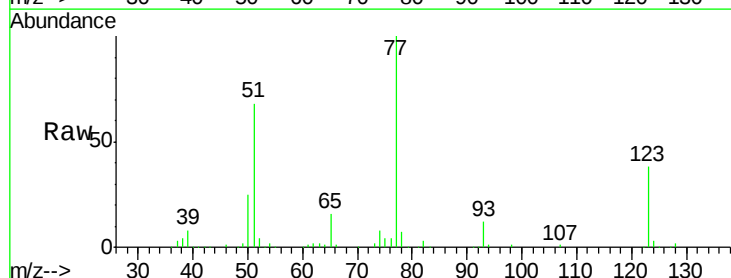
Tgt Ion: 77 Resp: 208738

Ion Ratio Lower Upper

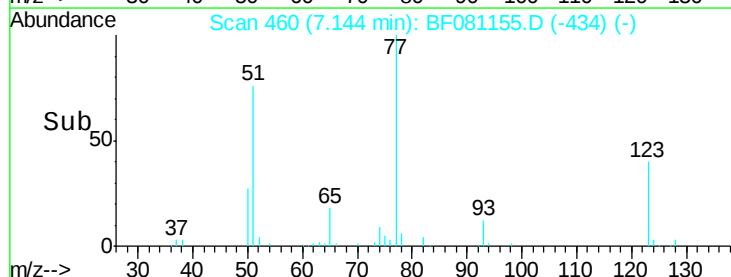
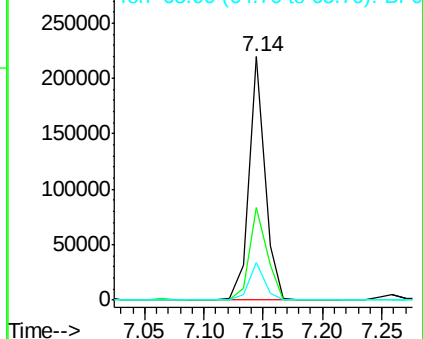
77 100

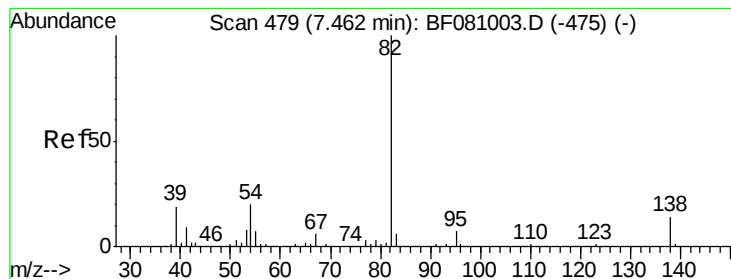
123 38.0 32.9 49.3

65 15.7 12.5 18.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.57 ng

RT: 7.40 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

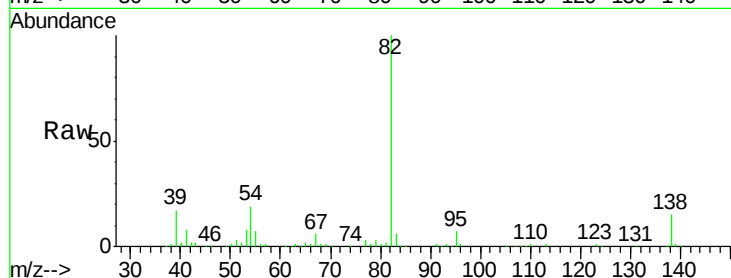
Tot Ion: 82 Resp: 412913

Ion Ratio Lower Upper

82 100

95 6.9 6.2 9.2

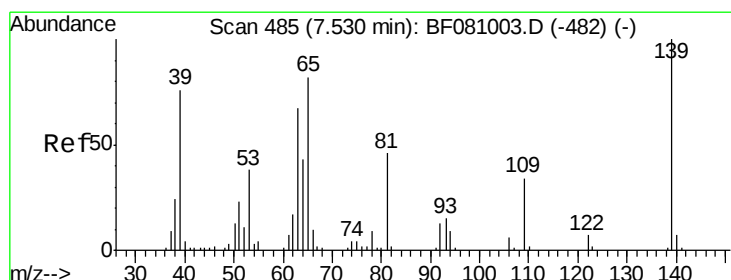
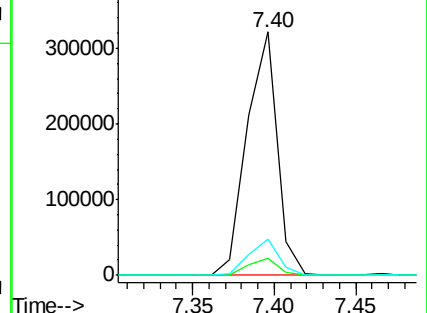
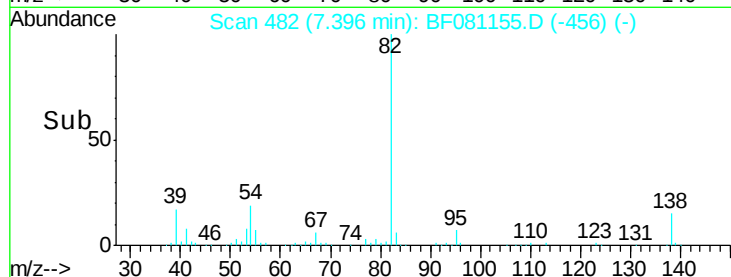
138 15.1 10.5 15.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.83 ng

RT: 7.46 min Scan# 488

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

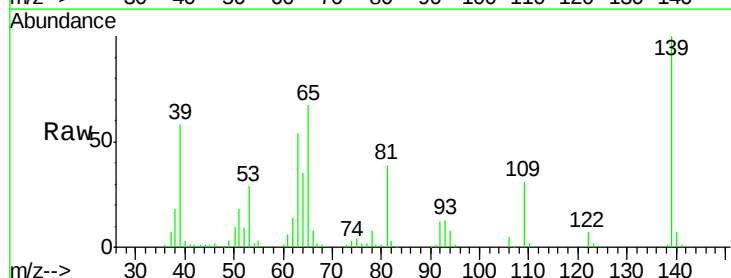
Tgt Ion: 139 Resp: 96888

Ion Ratio Lower Upper

139 100

109 30.7 32.1 48.1#

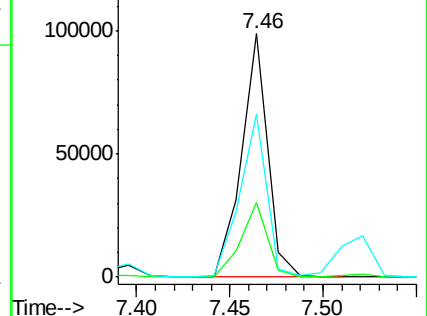
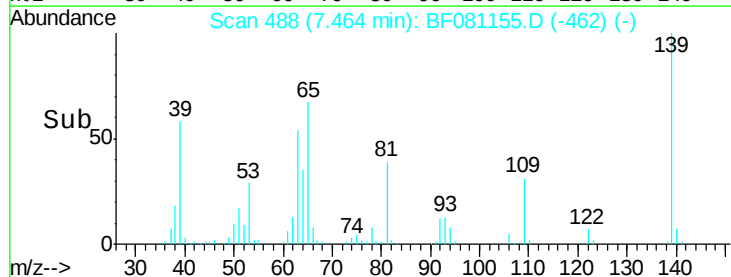
65 67.1 69.9 104.9#

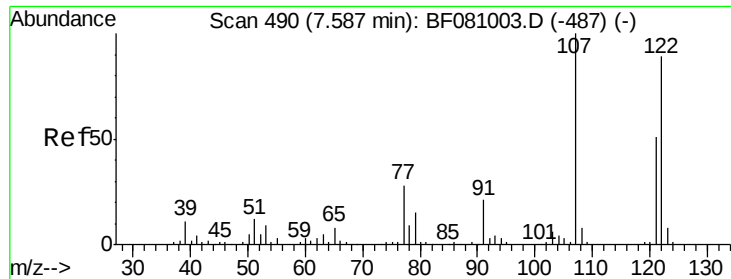


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

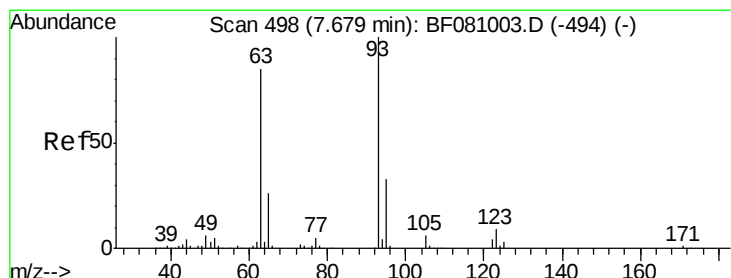
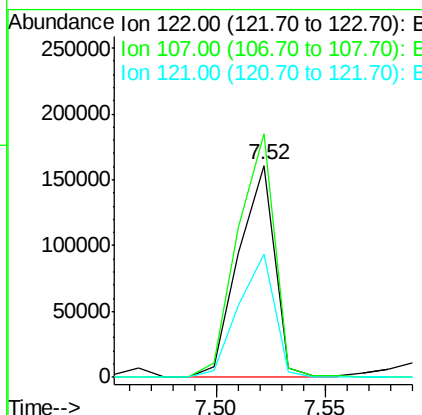
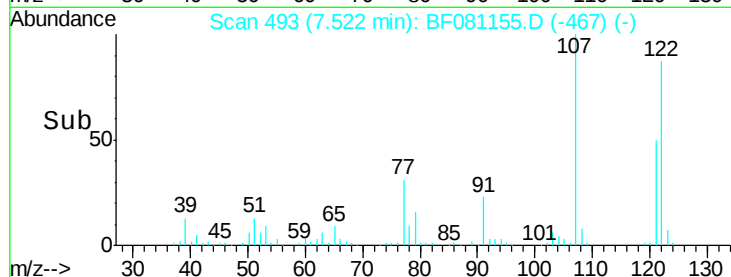
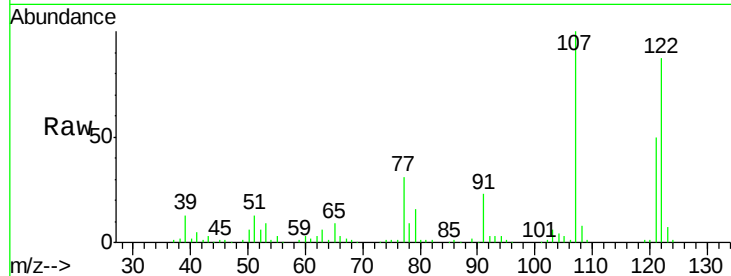




#27
 2,4-Dimethylphenol
 Concen: 45.60 ng
 RT: 7.52 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

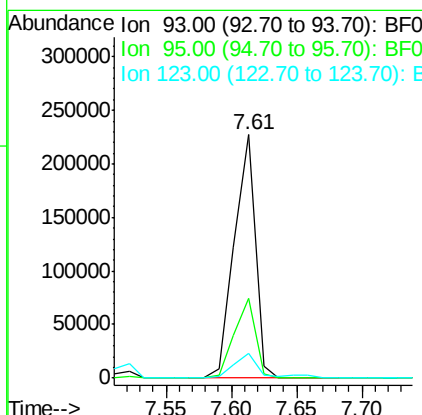
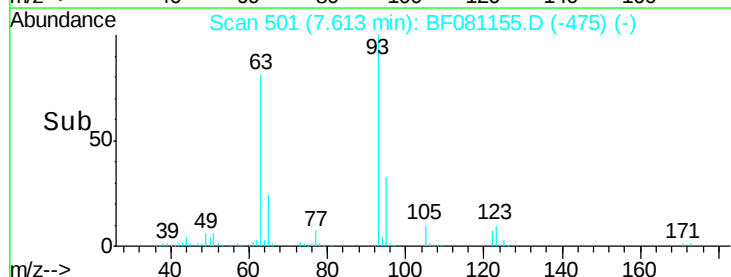
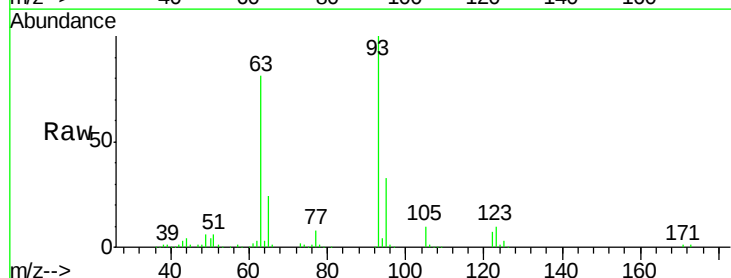
Instrument :
 BNA_F
 ClientSampled :

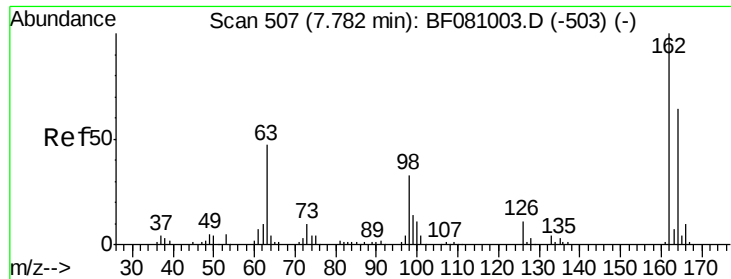
Tot Ion:122 Resp: 186836
 Ion Ratio Lower Upper
 122 100
 107 114.9 103.8 155.6
 121 57.9 47.0 70.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.46 ng
 RT: 7.61 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Tgt Ion: 93 Resp: 255074
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.8 38.8
 123 10.1 7.4 11.0

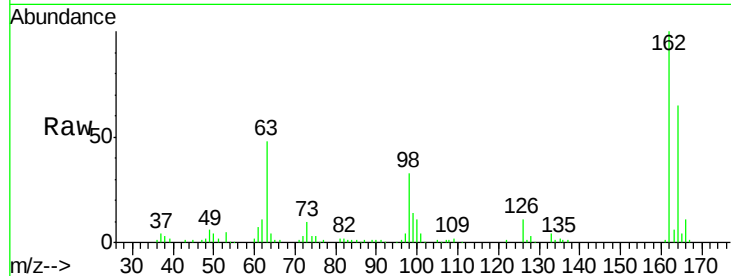




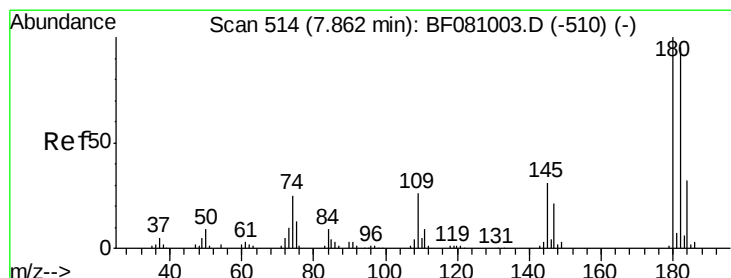
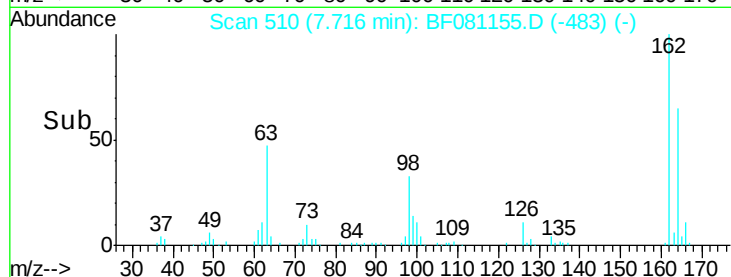
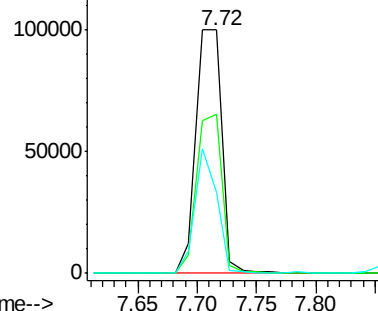
#29
 2,4-Dichlorophenol
 Concen: 43.67 ng
 RT: 7.72 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	43.2	83.2
98	33.5	12.3	52.3

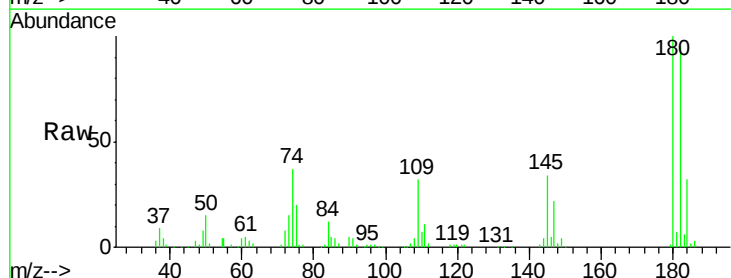


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

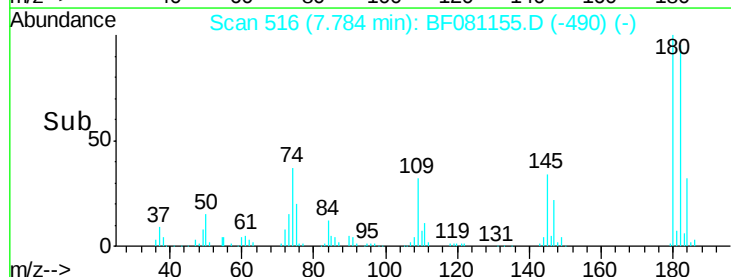
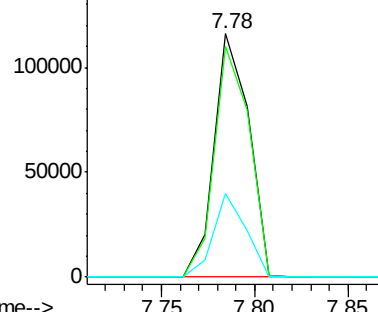


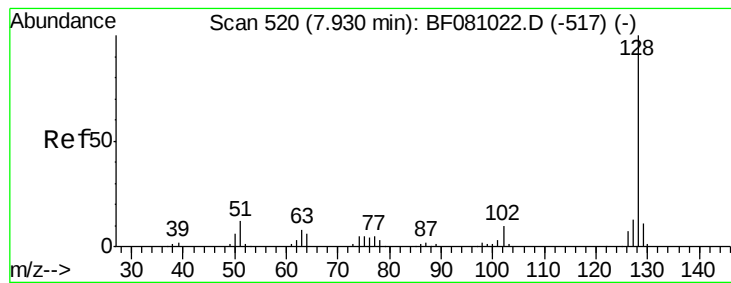
#30
 1,2,4-Trichlorobenzene
 Concen: 39.17 ng
 RT: 7.78 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.4	114.6
145	34.4	25.4	38.2



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: 39.22 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

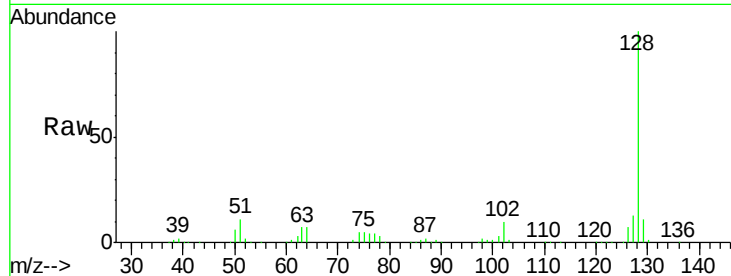
Tot Ion:128 Resp: 531983

Ion Ratio Lower Upper

128 100

129 11.4 8.4 12.6

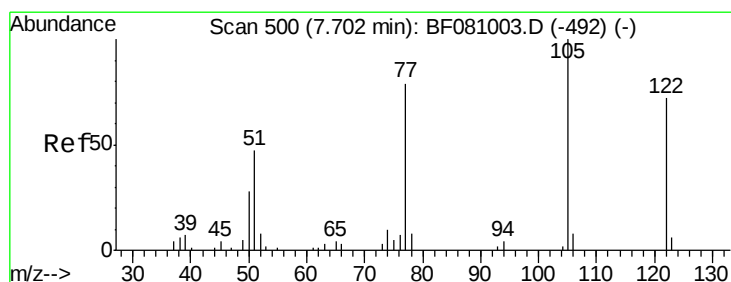
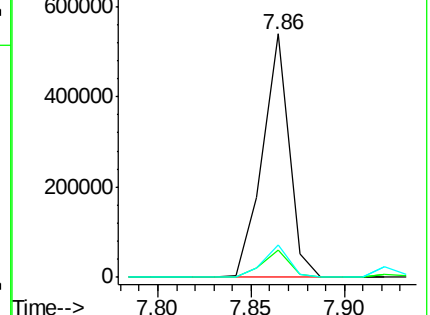
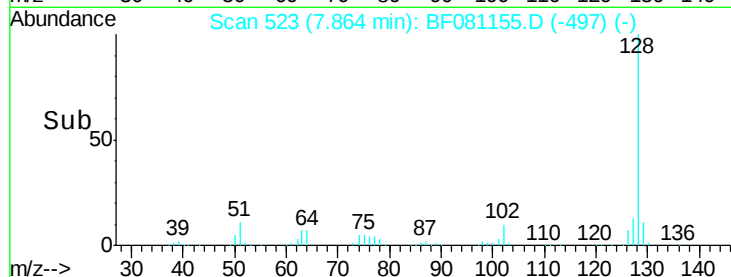
127 13.4 10.6 16.0



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: 52.08 ng

RT: 7.66 min Scan# 505

Delta R.T. 0.01 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

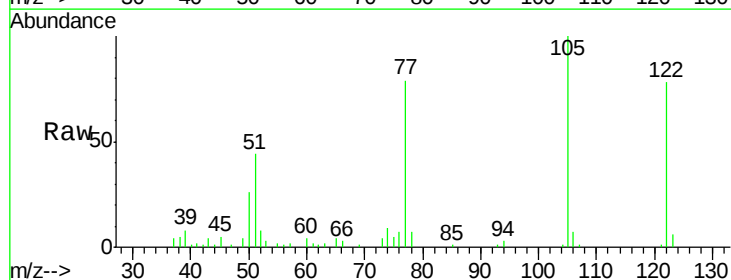
Tgt Ion:122 Resp: 120032

Ion Ratio Lower Upper

122 100

105 128.3 113.8 153.8

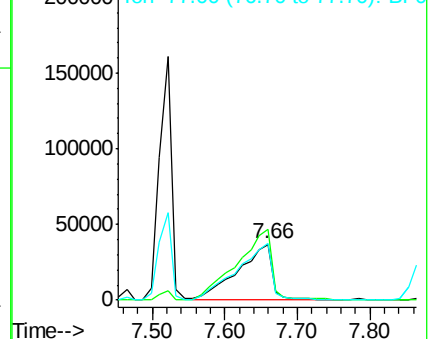
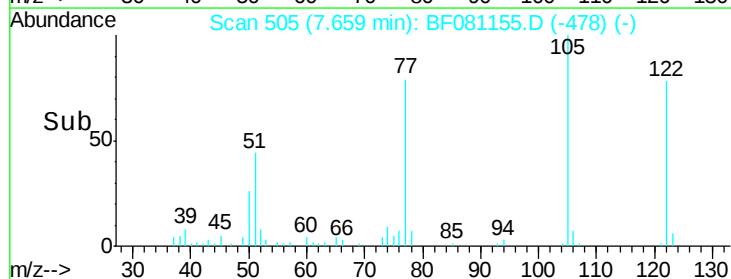
77 101.8 93.8 133.8

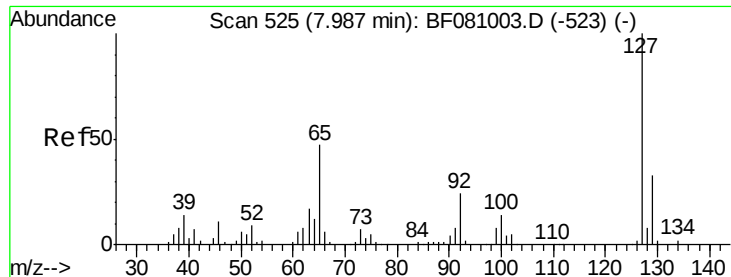


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

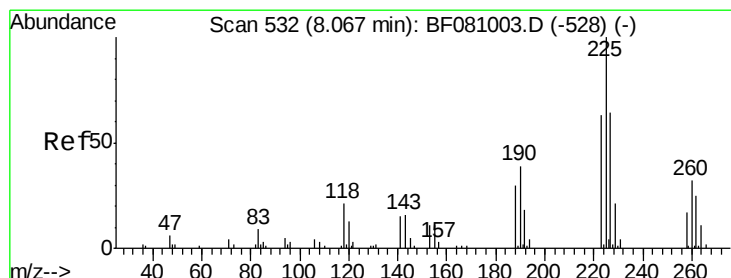
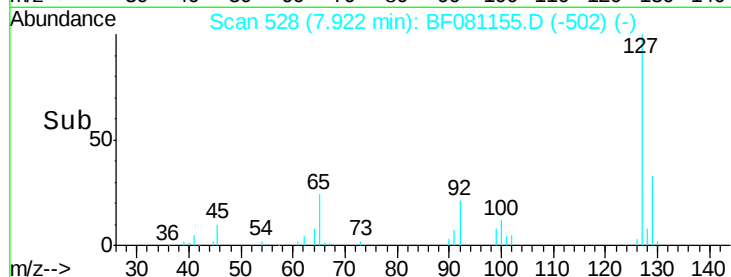
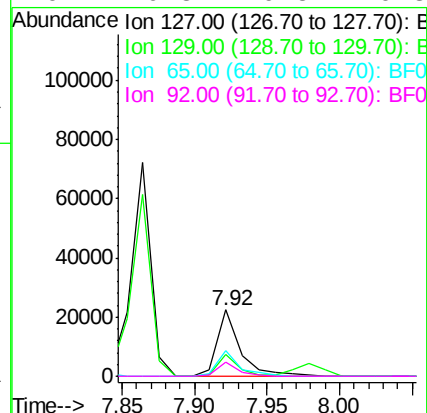
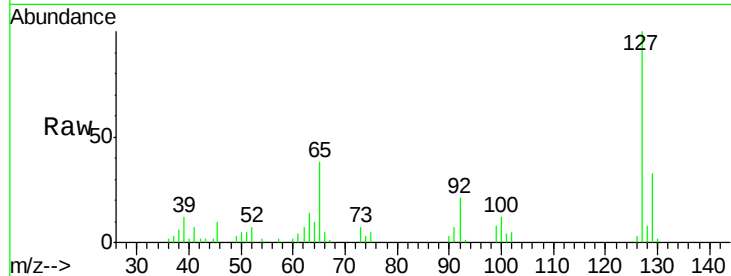




#33
4-Chloroaniline
Concen: 4.36 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

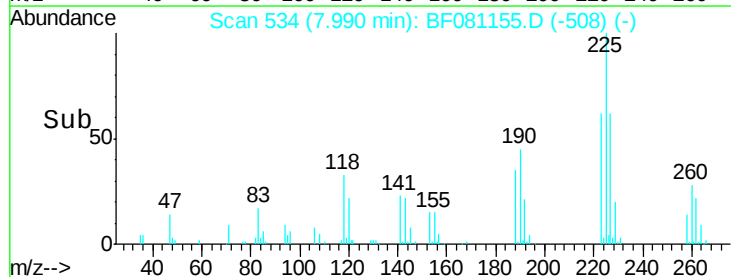
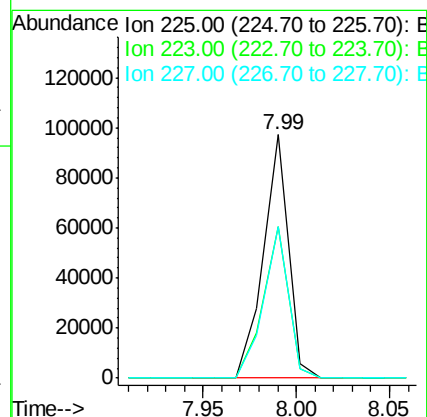
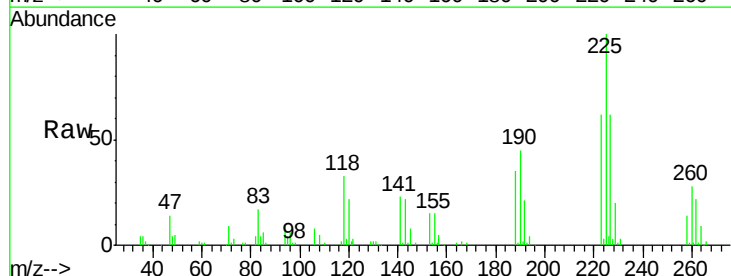
Instrument :
BNA_F
ClientSampleId :

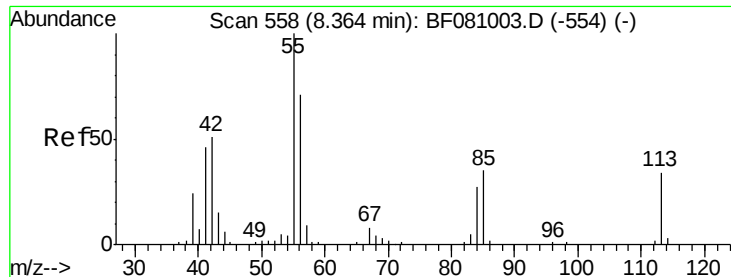
Tot Ion:127 Resp: 24933
Ion Ratio Lower Upper
127 100
129 33.1 25.2 37.8
65 37.7 37.8 56.6#
92 20.8 19.5 29.3



#34
Hexachlorobutadiene
Concen: 41.56 ng
RT: 7.99 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

Tgt Ion:225 Resp: 90109
Ion Ratio Lower Upper
225 100
223 62.2 52.6 79.0
227 62.0 51.1 76.7





#35

Caprolactam

Concen: 16.33 ng

RT: 8.30 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

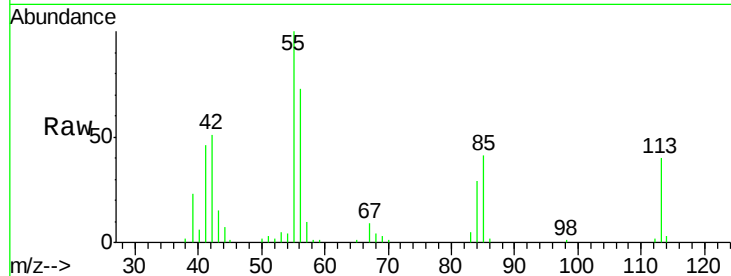
Tot Ion:113 Resp: 19688

Ion Ratio Lower Upper

113 100

55 250.8 280.4 320.4#

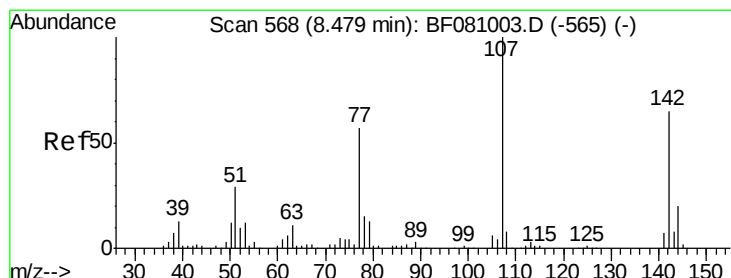
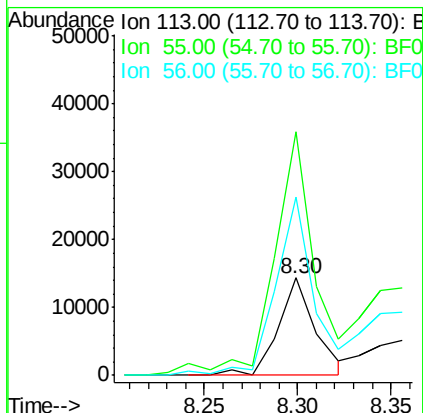
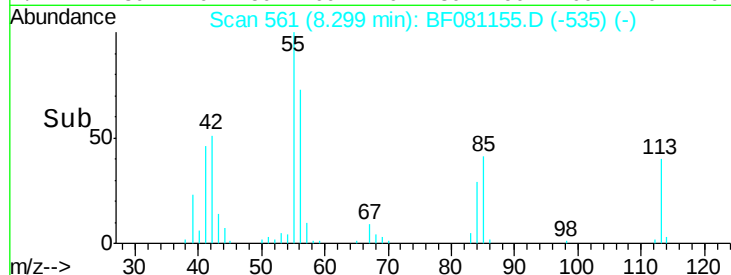
56 184.3 205.9 245.9#



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: 43.12 ng

RT: 8.41 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

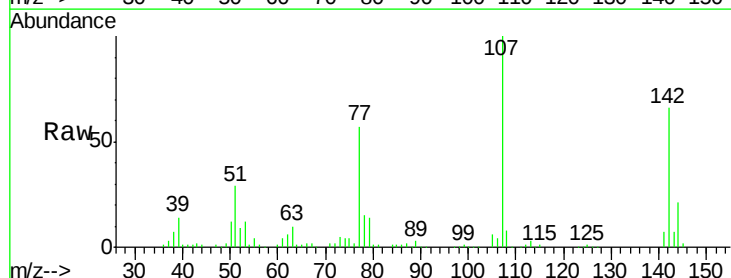
Tgt Ion:107 Resp: 177303

Ion Ratio Lower Upper

107 100

144 20.5 17.2 25.8

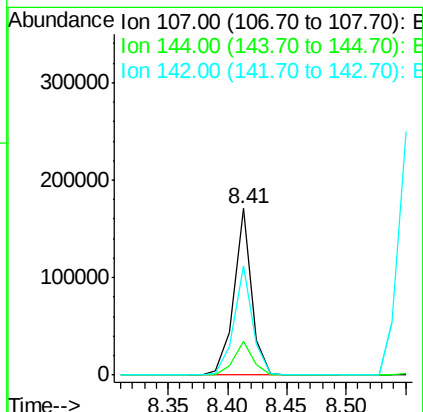
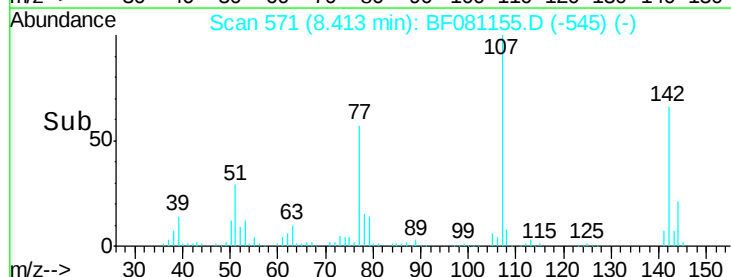
142 65.9 54.9 82.3

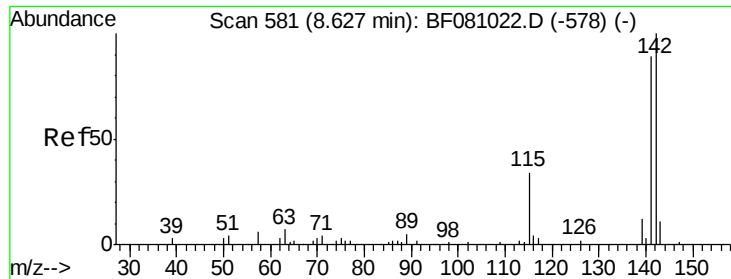


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

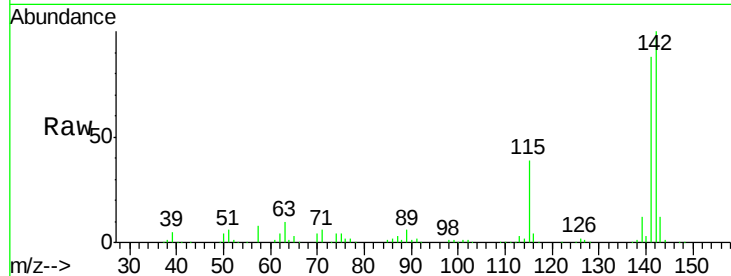




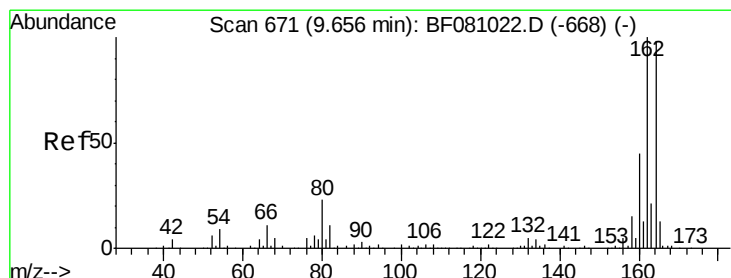
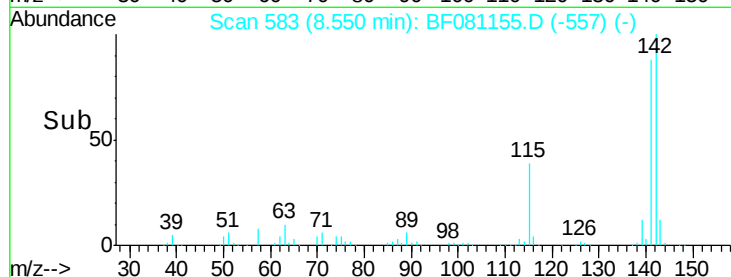
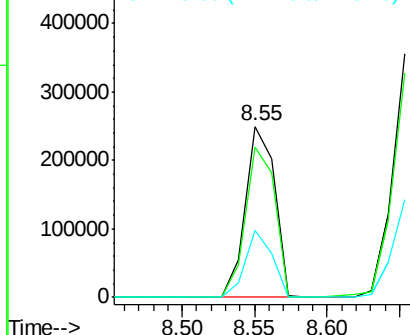
#37
 2-Methylnaphthalene
 Concen: 40.86 ng
 RT: 8.55 min Scan# 583
 Delta R.T. -0.00 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 350094
 Ion Ratio Lower Upper
 142 100
 141 87.5 71.4 107.2
 115 39.0 33.4 50.0

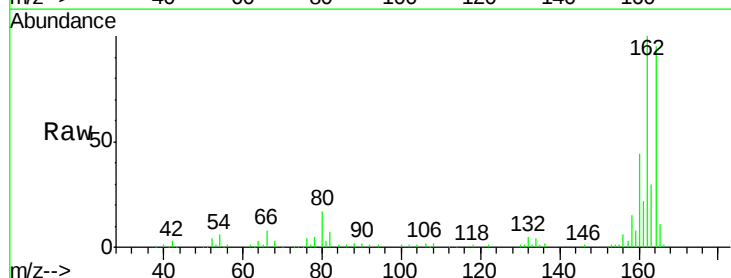


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

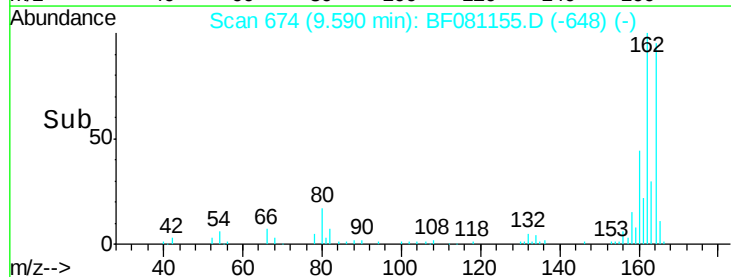
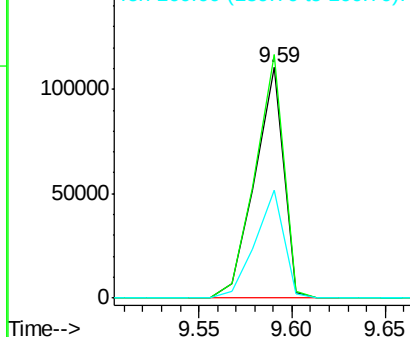


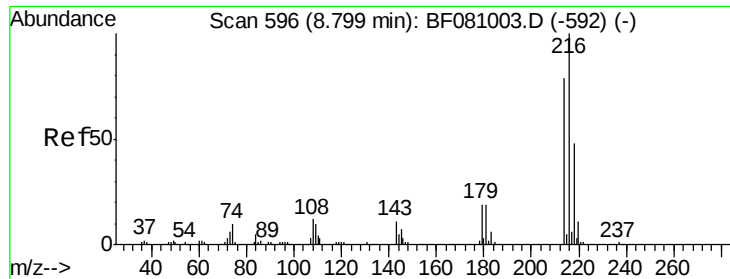
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Tgt Ion:164 Resp: 117797
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.8 125.8
 160 46.9 39.8 59.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

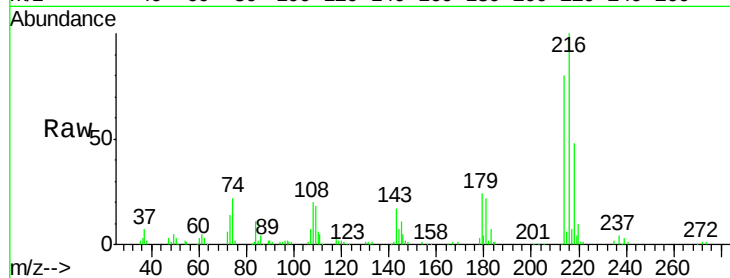




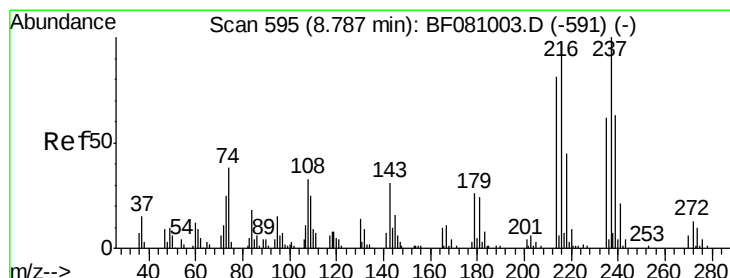
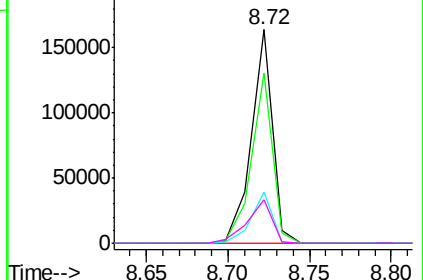
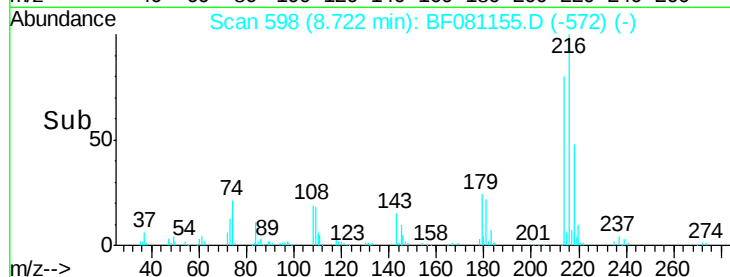
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.87 ng
 RT: 8.72 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:216	Resp:	147746
Ion Ratio	Lower	Upper
216	100	
214	79.5	63.8 95.8
179	23.8	17.8 26.8
108	23.5	16.2 24.2

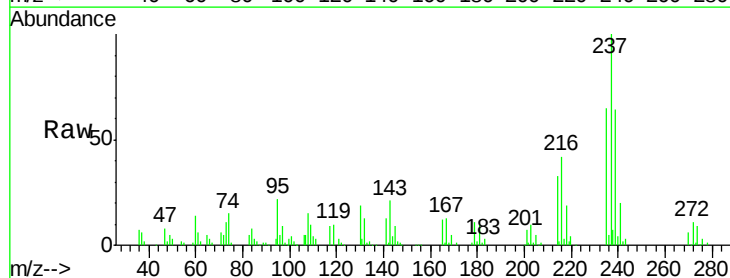


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

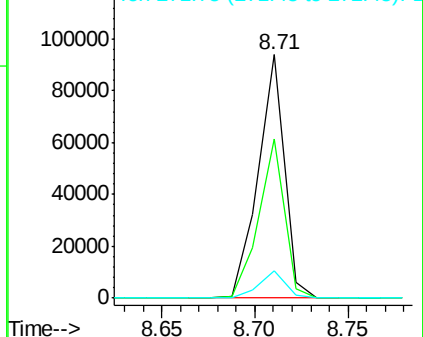
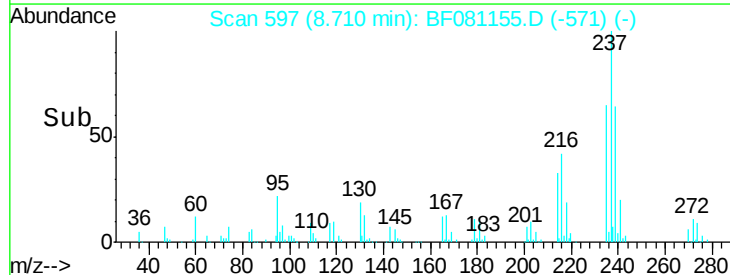


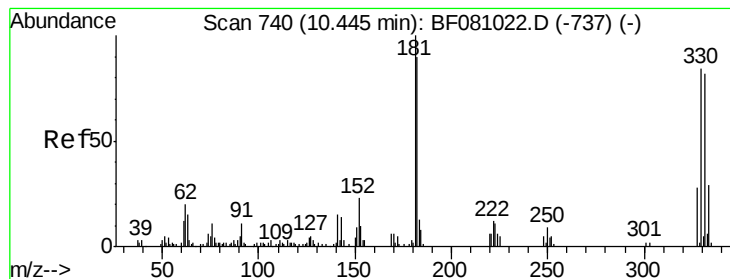
#40
 Hexachlorocyclopentadiene
 Concen: 46.37 ng
 RT: 8.71 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Tgt Ion:237	Resp:	91216
Ion Ratio	Lower	Upper
237	100	
235	65.2	43.6 83.6
272	11.4	0.0 32.2



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





#41

2,4,6-Tribromophenol

Concen: 129.90 ng

RT: 10.38 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampled :

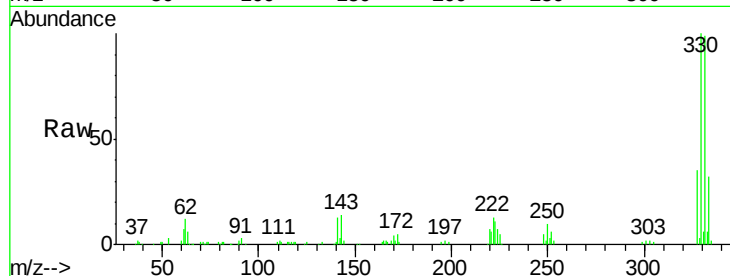
Tot Ion:330 Resp: 132640

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

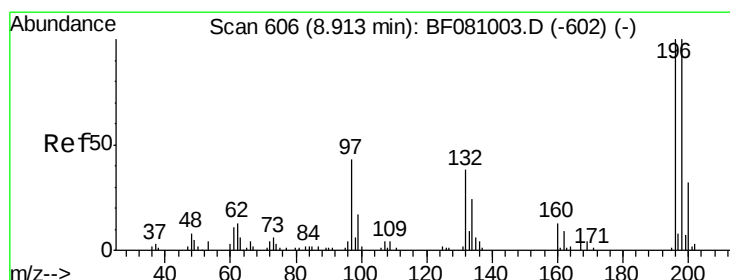
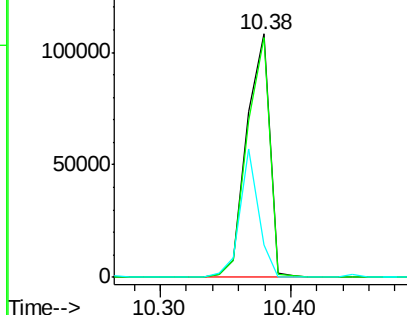
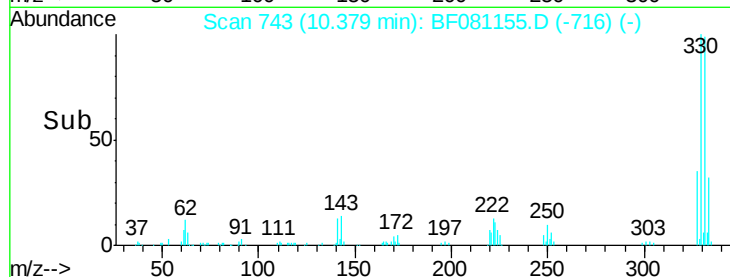
141 42.7 44.9 67.3#



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: 41.22 ng

RT: 8.84 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

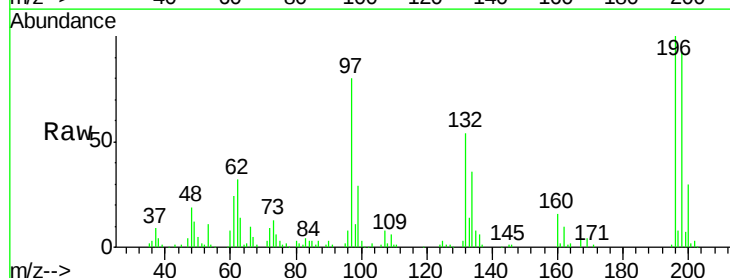
Tgt Ion:196 Resp: 110674

Ion Ratio Lower Upper

196 100

198 92.6 74.6 111.8

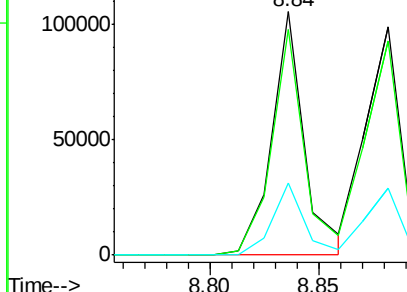
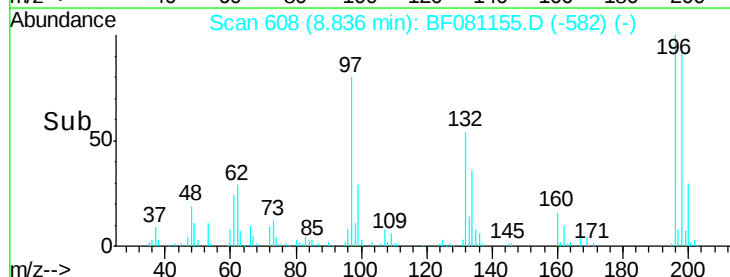
200 29.5 22.7 34.1

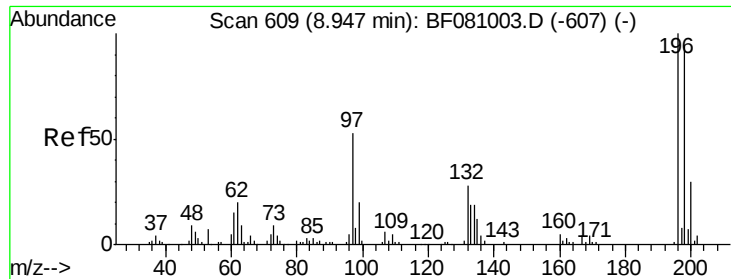


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

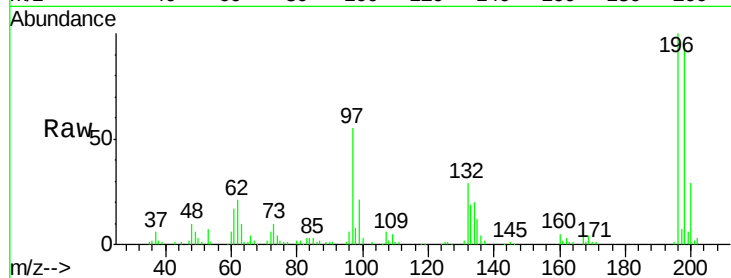




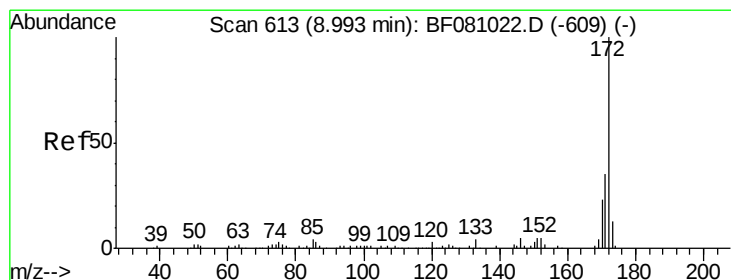
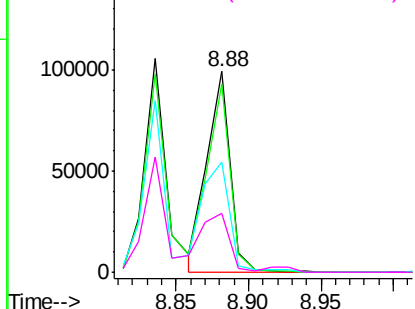
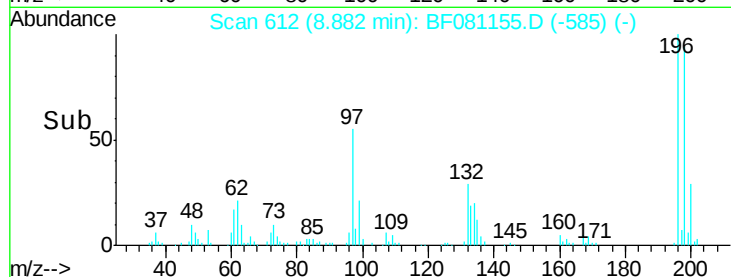
#43
 2,4,5-Trichlorophenol
 Concen: 41.35 ng
 RT: 8.88 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196	Resp:	110957
Ion Ratio	Lower	Upper
196	100	
198	93.8	78.3 117.5
97	54.7	42.7 64.1
132	29.3	23.3 34.9

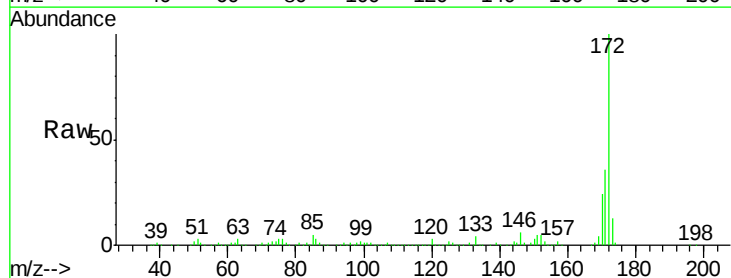


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

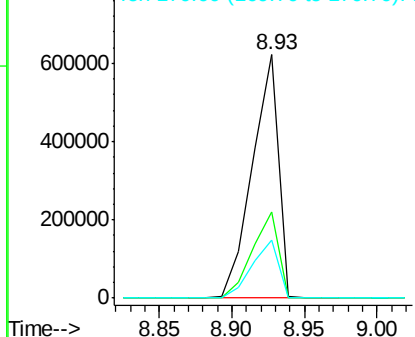
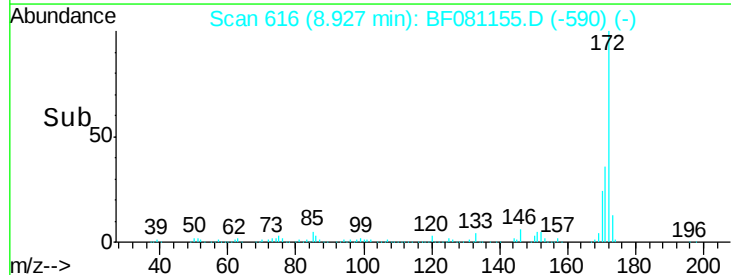


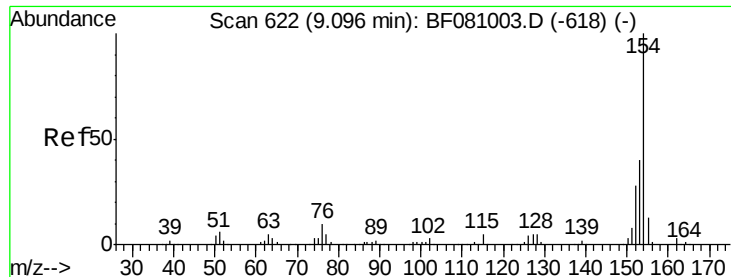
#44
 2-Fluorobiphenyl
 Concen: 86.51 ng
 RT: 8.93 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Tgt Ion:172	Resp:	777728
Ion Ratio	Lower	Upper
172	100	
171	35.5	28.9 43.3
170	24.0	19.4 29.2



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





#45

1,1'-Biphenyl

Concen: 40.49 ng

RT: 9.02 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

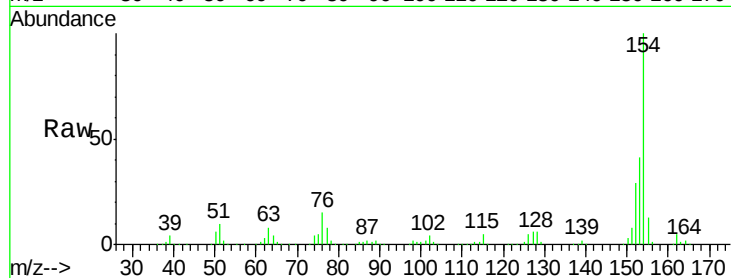
Tot Ion:154 Resp: 420171

Ion Ratio Lower Upper

154 100

153 40.6 19.5 59.5

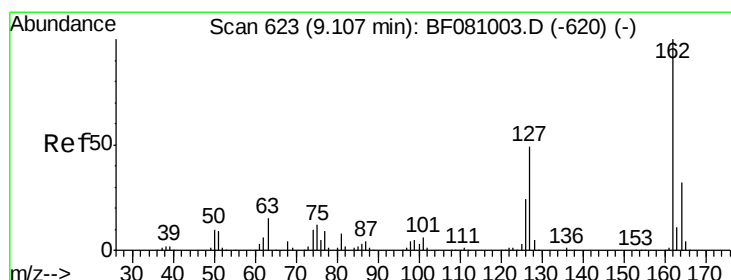
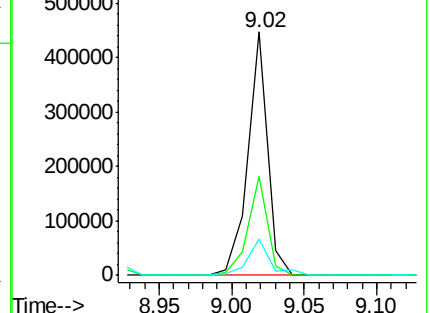
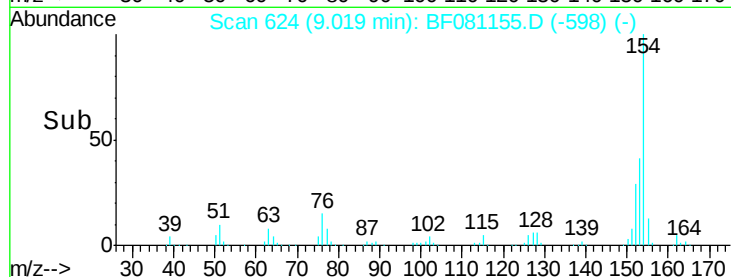
76 14.7 0.0 29.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.37 ng

RT: 9.04 min Scan# 626

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

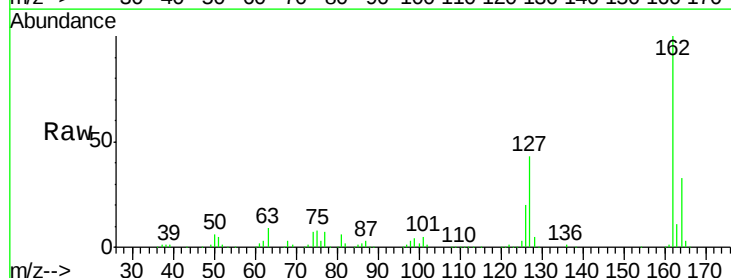
Tgt Ion:162 Resp: 344829

Ion Ratio Lower Upper

162 100

127 42.7 31.3 46.9

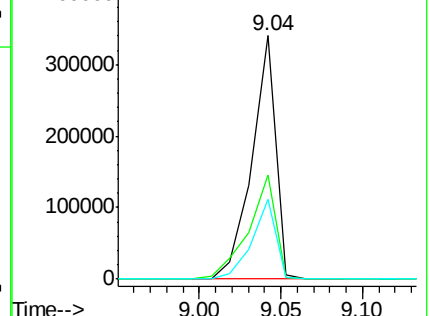
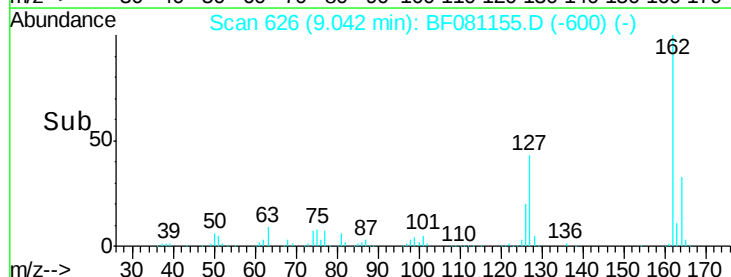
164 32.5 26.3 39.5

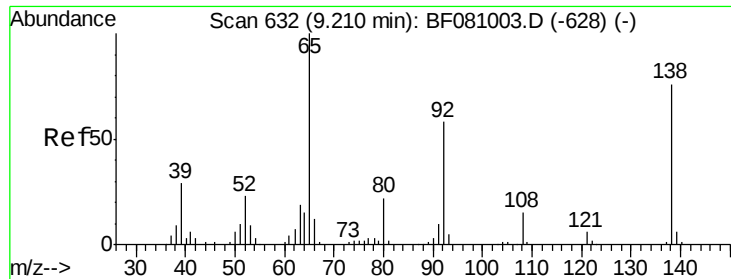


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

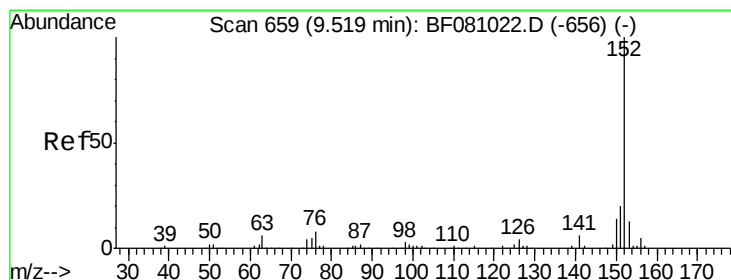
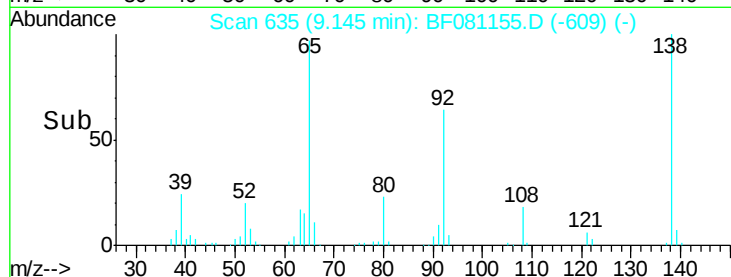
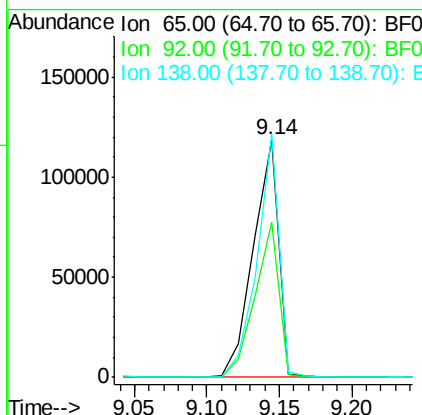
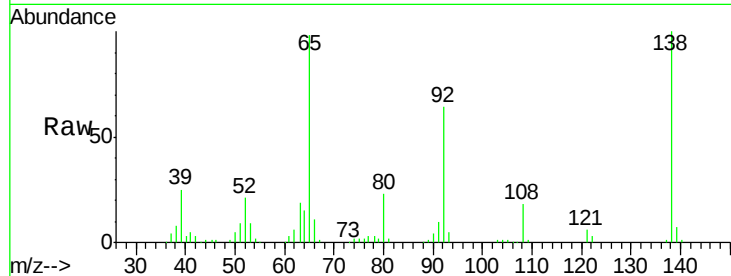




#47
2-Nitroaniline
Concen: 42.03 ng
RT: 9.14 min Scan# 635
Delta R.T. -0.00 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

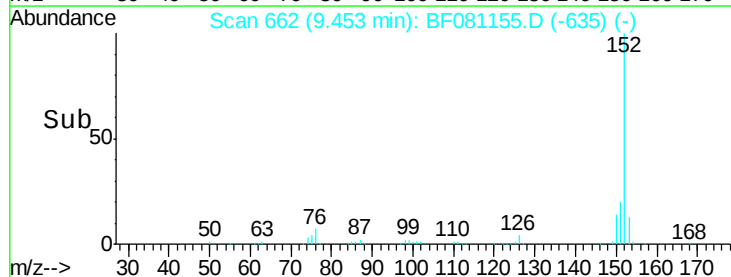
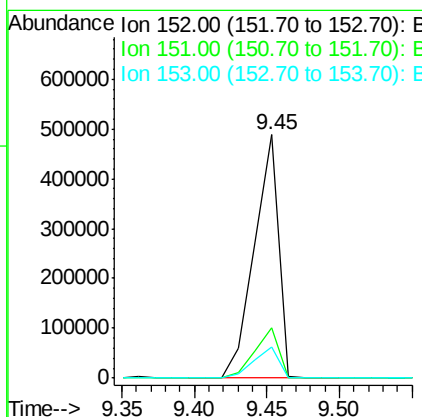
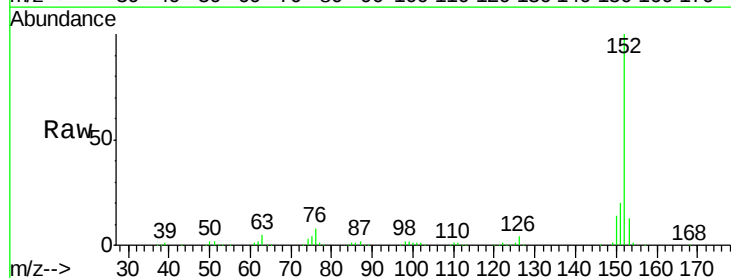
Instrument :
BNA_F
ClientSampleId :

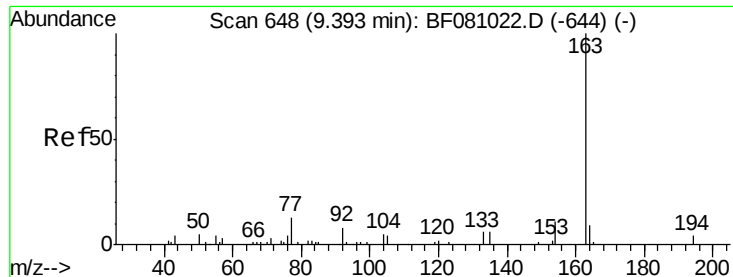
Tot Ion: 65 Resp: 143356
Ion Ratio Lower Upper
65 100
92 65.3 45.6 68.4
138 102.5 57.9 86.9#



#48
Acenaphthylene
Concen: 38.12 ng
RT: 9.45 min Scan# 662
Delta R.T. 0.01 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

Tgt Ion:152 Resp: 568476
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.0 9.8 14.6

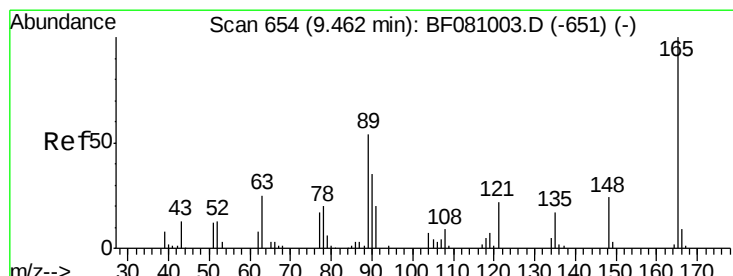
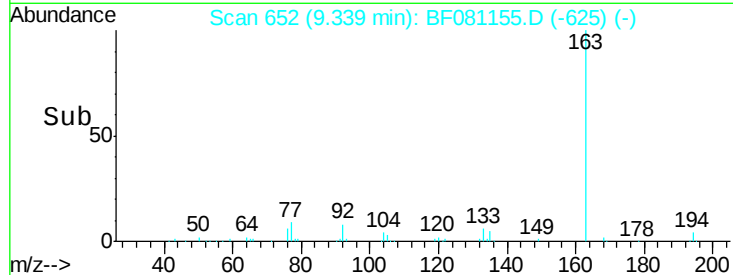
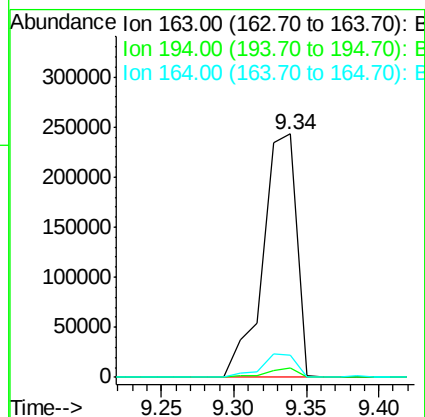
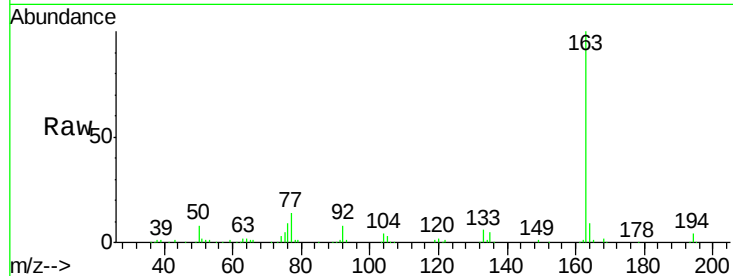




#49
Dimethylphthalate
Concen: 40.35 ng
RT: 9.34 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

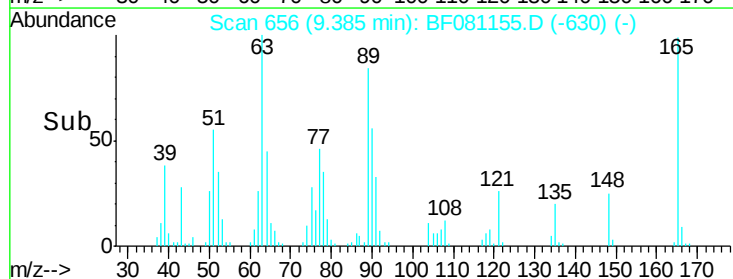
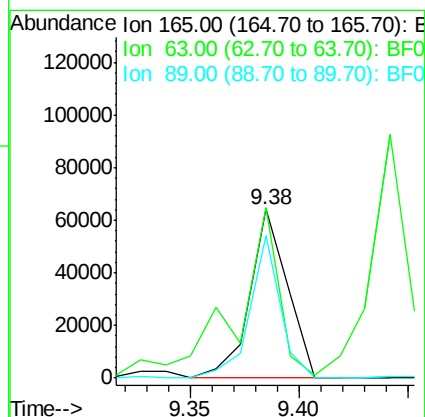
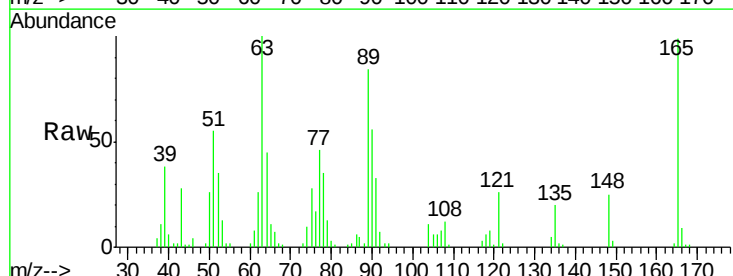
Instrument :
BNA_F
ClientSampleId :

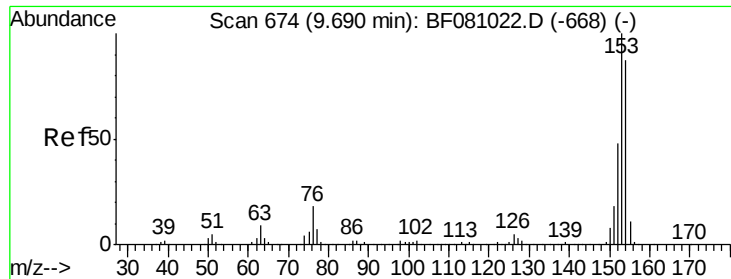
Tot Ion:163 Resp: 391429
Ion Ratio Lower Upper
163 100
194 3.7 2.5 3.7
164 9.4 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 36.91 ng
RT: 9.38 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

Tgt Ion:165 Resp: 76883
Ion Ratio Lower Upper
165 100
63 100.7 49.5 74.3#
89 84.6 47.6 71.4#





#51

Acenaphthene

Concen: 38.11 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

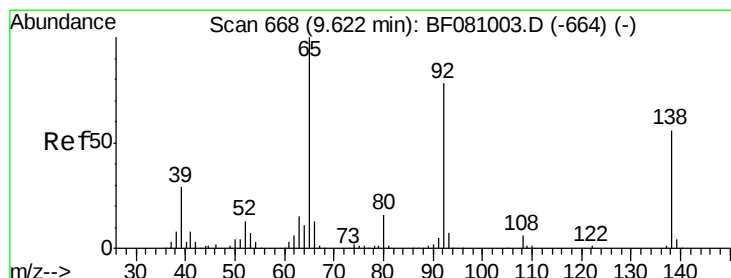
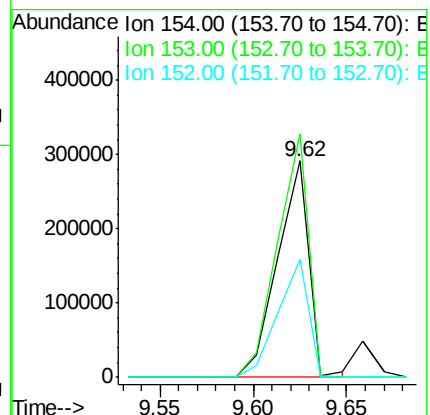
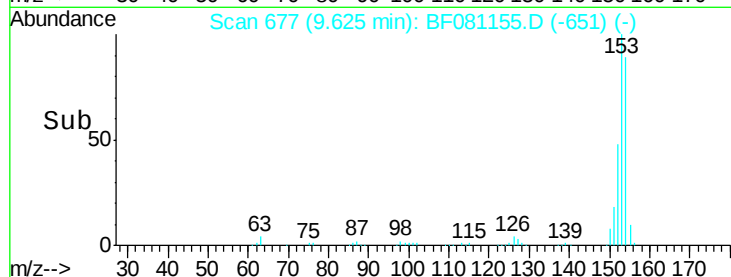
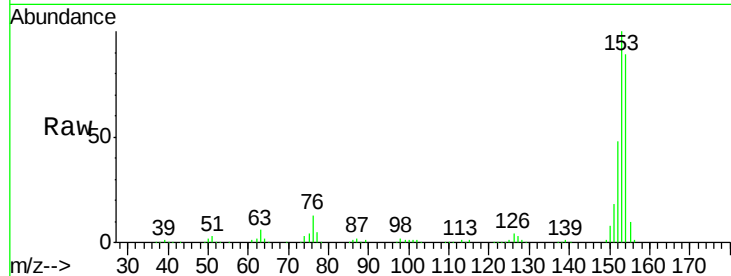
Tot Ion:154 Resp: 340221

Ion Ratio Lower Upper

154 100

153 112.5 91.4 137.2

152 54.5 43.7 65.5



#52

3-Nitroaniline

Concen: 20.01 ng

RT: 9.54 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

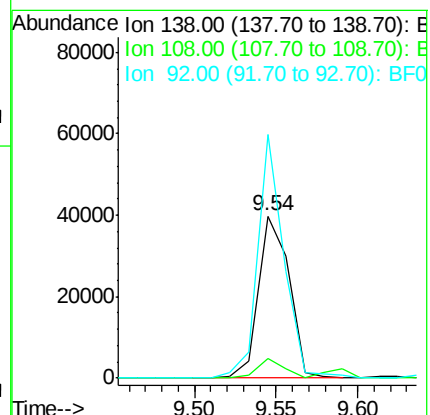
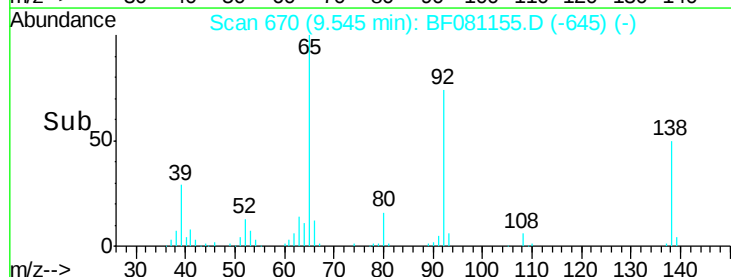
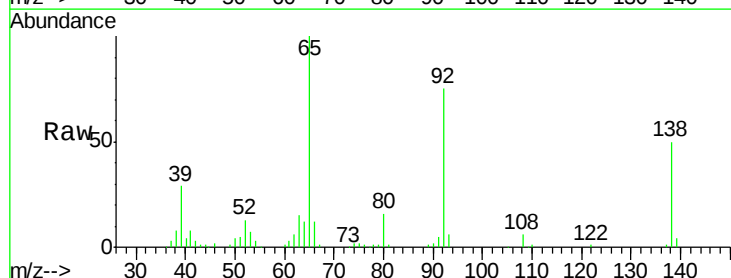
Tgt Ion:138 Resp: 52157

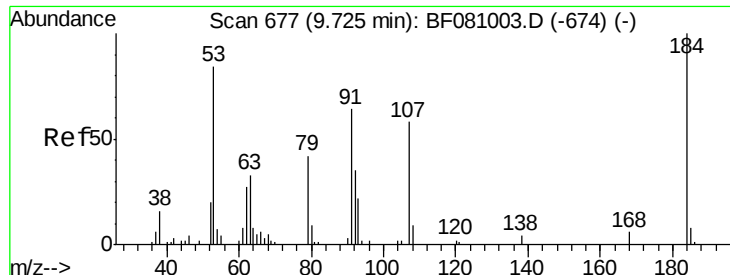
Ion Ratio Lower Upper

138 100

108 12.1 9.4 14.2

92 150.4 113.2 169.8

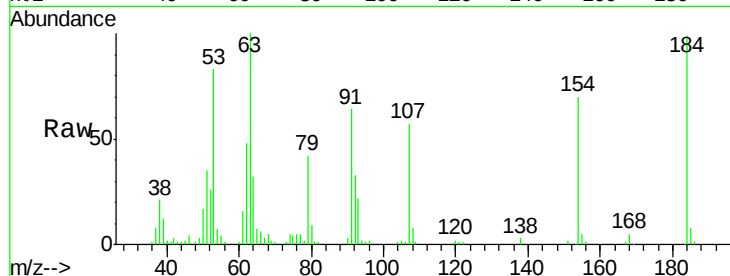




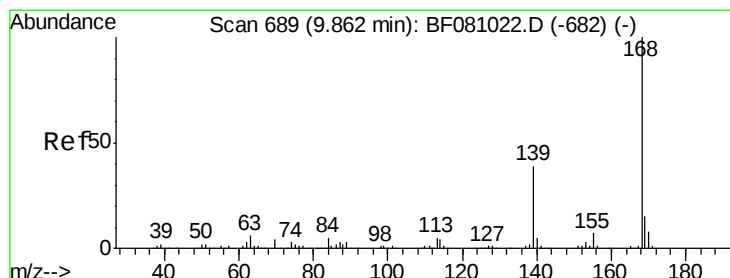
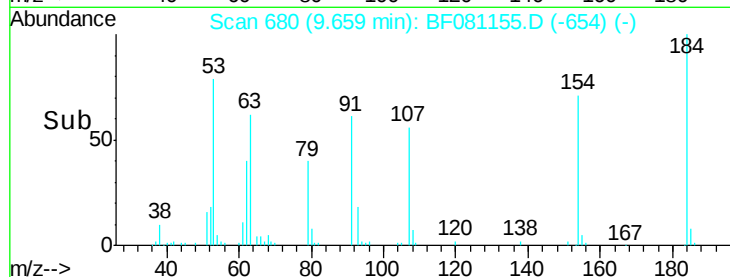
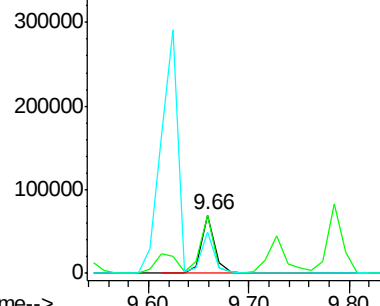
#53
 2,4-Dinitrophenol
 Concen: 61.17 ng
 RT: 9.66 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 67063
 Ion Ratio Lower Upper
 184 100
 63 100.7 101.7 152.5#
 154 70.7 67.4 101.0

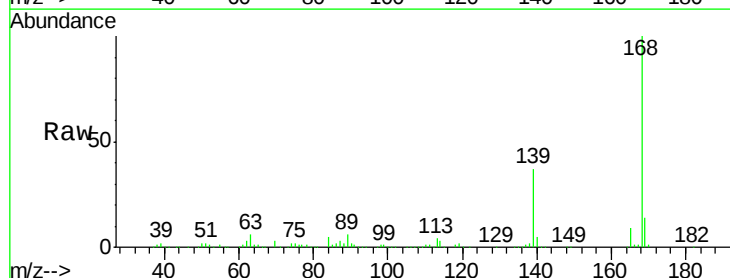


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

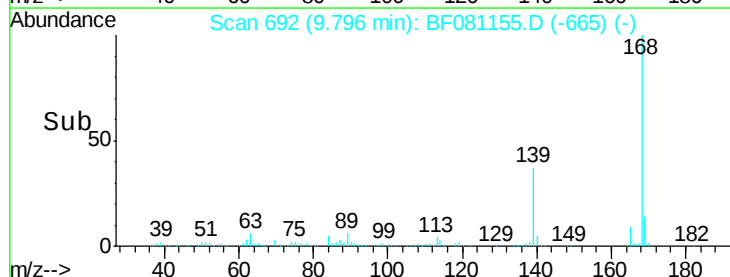
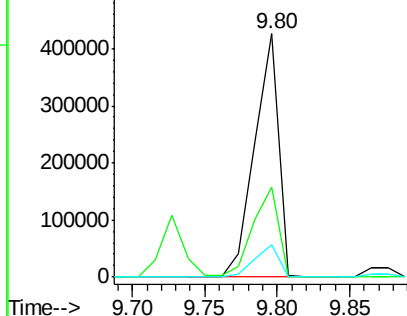


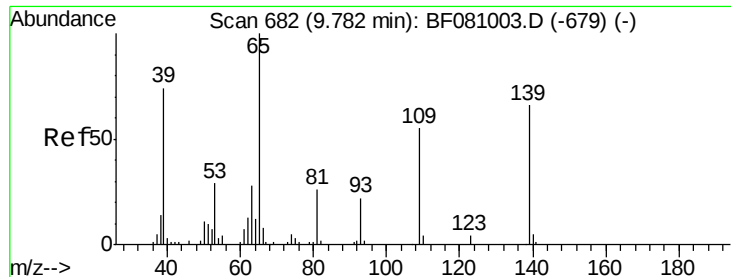
#54
 Dibenzofuran
 Concen: 40.74 ng
 RT: 9.80 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Tgt Ion:168 Resp: 487397
 Ion Ratio Lower Upper
 168 100
 139 36.7 29.3 43.9
 169 13.6 10.3 15.5



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

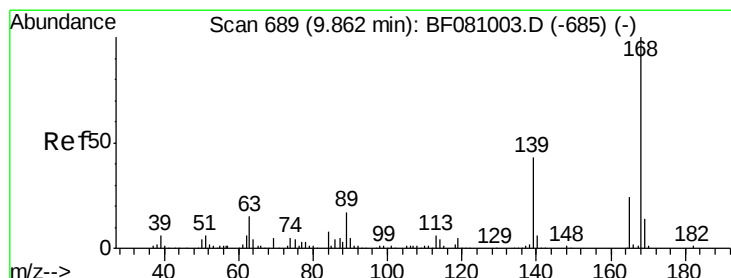
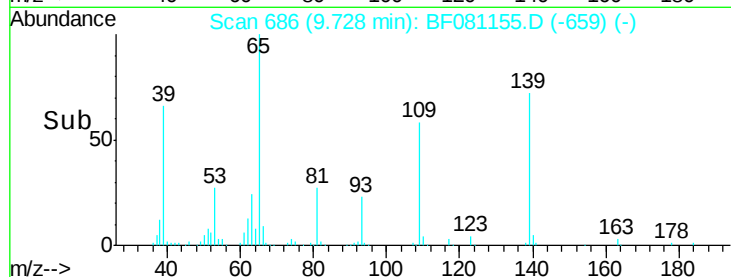
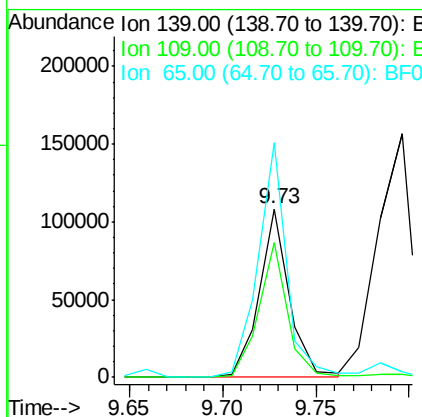
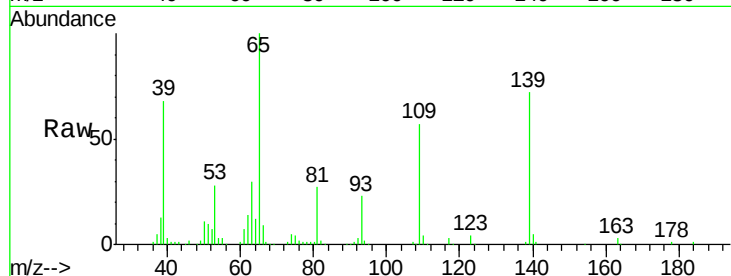




#55
4-Nitrophenol
Concen: 67.18 ng
RT: 9.73 min Scan# 686
Delta R.T. 0.01 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

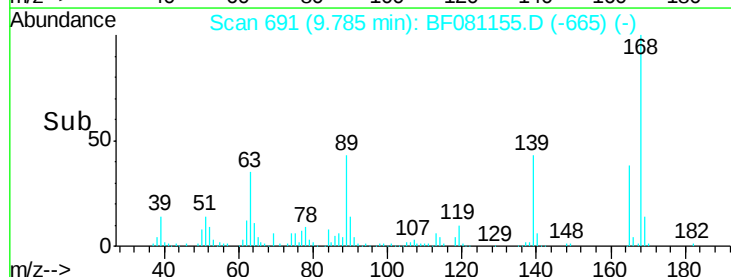
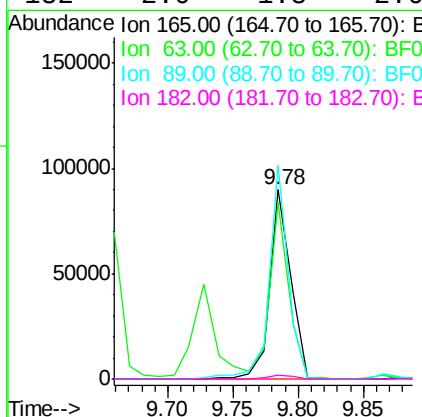
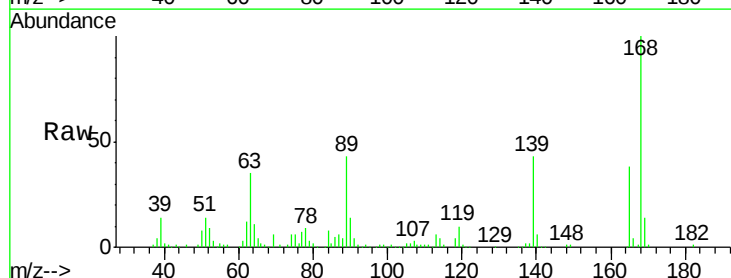
Instrument :
BNA_F
ClientSampleId :

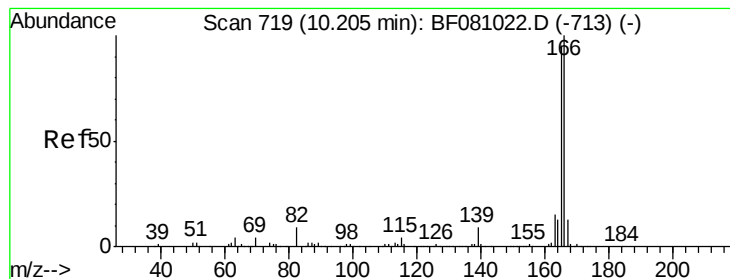
Tot Ion:139 Resp: 122979
Ion Ratio Lower Upper
139 100
109 79.9 80.0 120.0#
65 139.3 138.3 178.3



#56
2,4-Dinitrotoluene
Concen: 36.55 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

Tgt Ion:165 Resp: 100898
Ion Ratio Lower Upper
165 100
63 93.2 52.2 78.4#
89 112.8 60.1 90.1#
182 2.0 1.8 2.6





#57

Fluorene

Concen: 36.68 ng

RT: 10.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

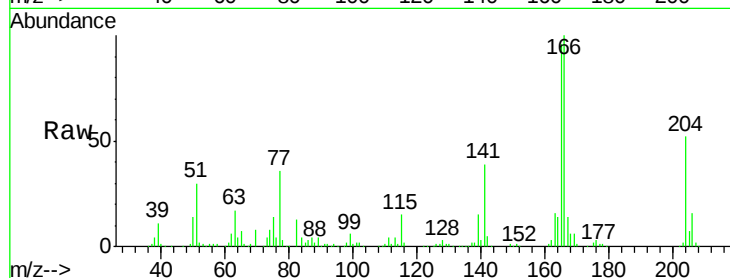
Tot Ion:166 Resp: 337532

Ion Ratio Lower Upper

166 100

165 95.7 75.8 113.8

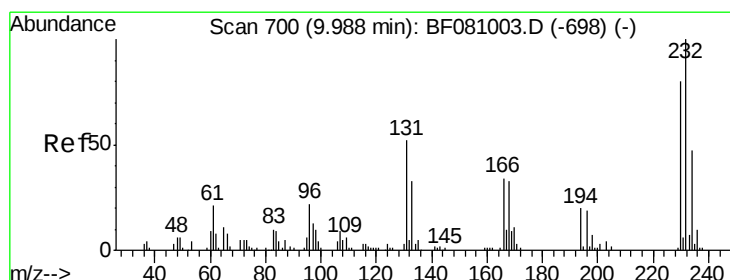
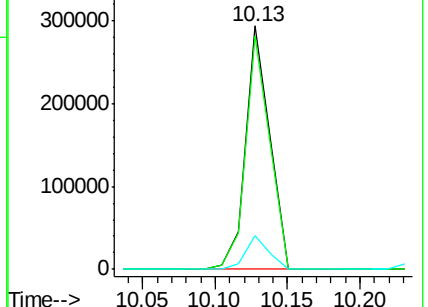
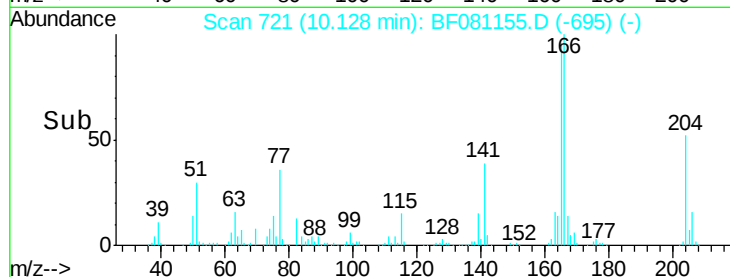
167 14.0 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.87 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Tgt Ion:232 Resp: 91122

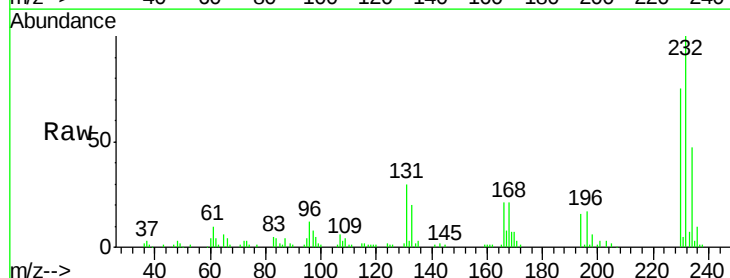
Ion Ratio Lower Upper

232 100

131 47.4 42.2 63.4

130 2.5 2.1 3.1

166 26.4 22.4 33.6

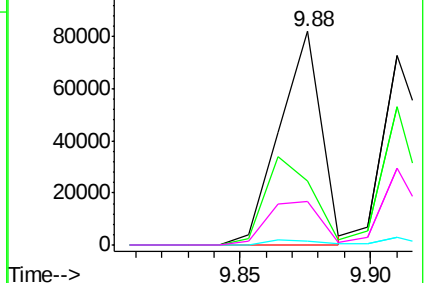
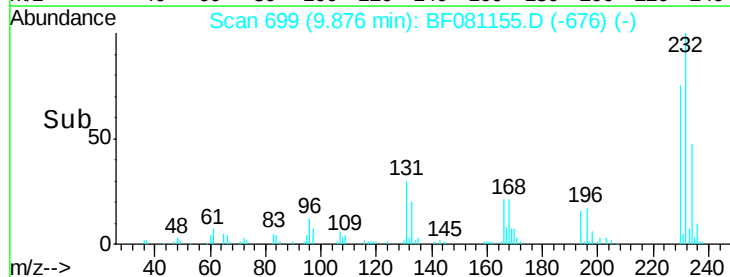


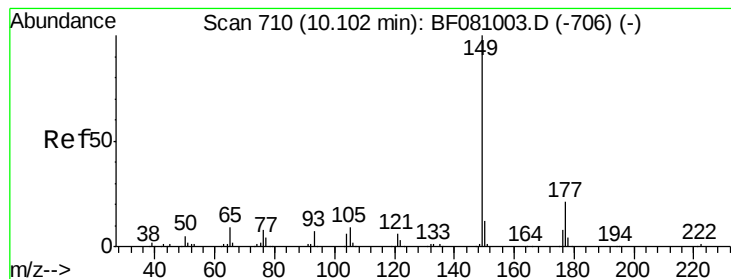
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 37.67 ng

RT: 10.02 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

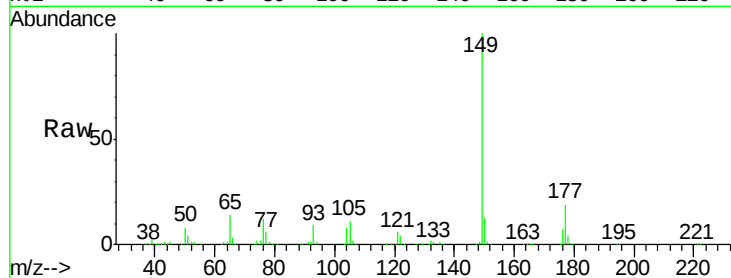
Tot Ion:149 Resp: 386788

Ion Ratio Lower Upper

149 100

177 18.6 14.1 21.1

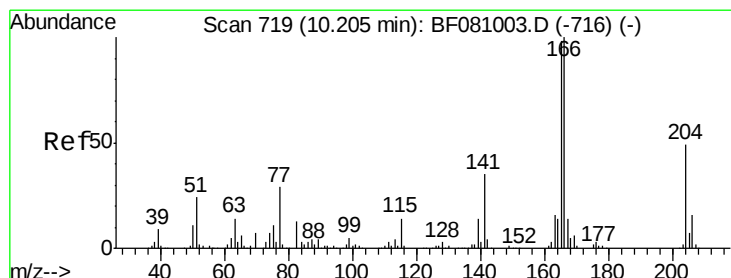
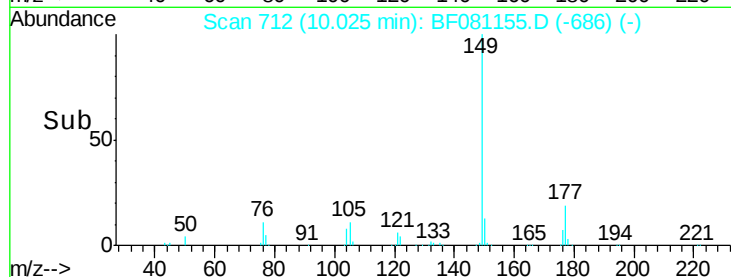
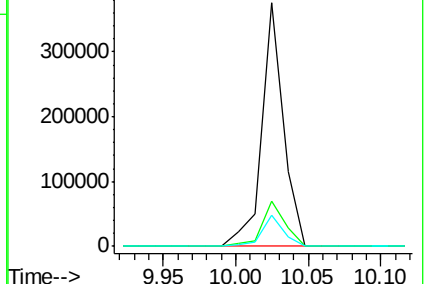
150 12.8 10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.72 ng

RT: 10.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

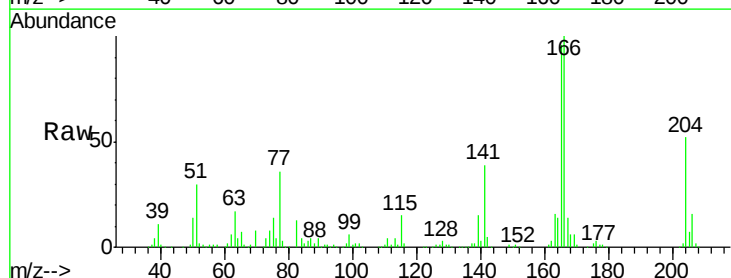
Tgt Ion:204 Resp: 154685

Ion Ratio Lower Upper

204 100

206 31.3 26.2 39.2

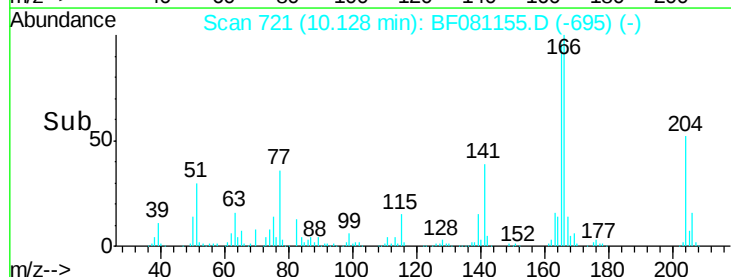
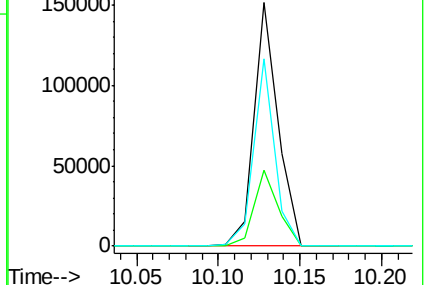
141 76.7 59.6 89.4

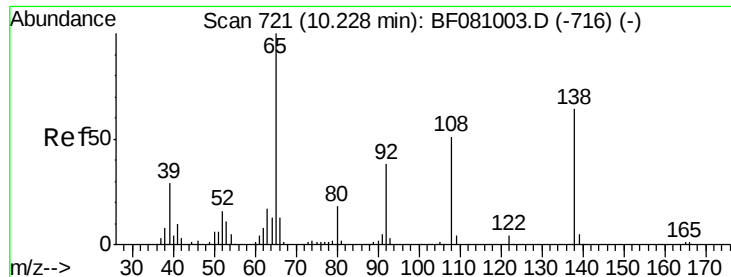


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.16 ng

RT: 10.16 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampled :

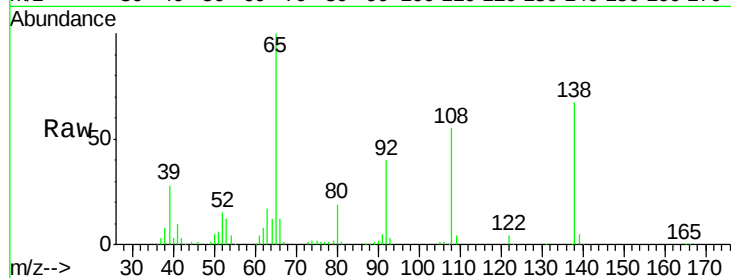
Tot Ion:138 Resp: 85685

Ion Ratio Lower Upper

138 100

92 60.1 34.7 74.7

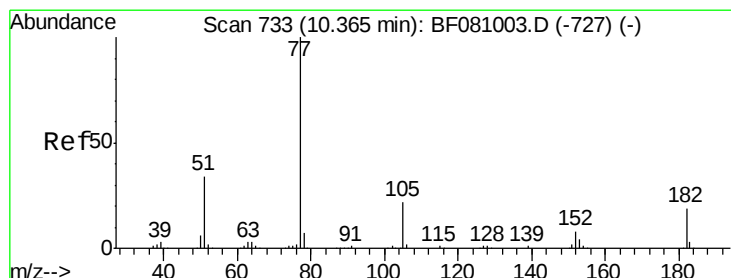
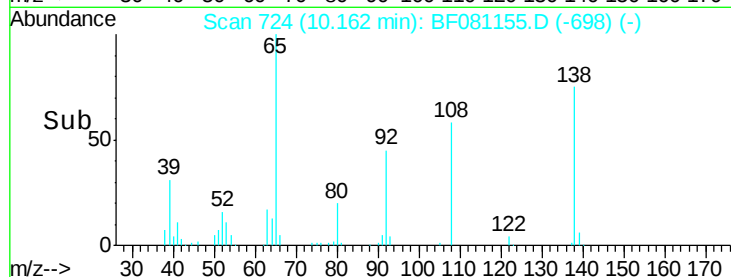
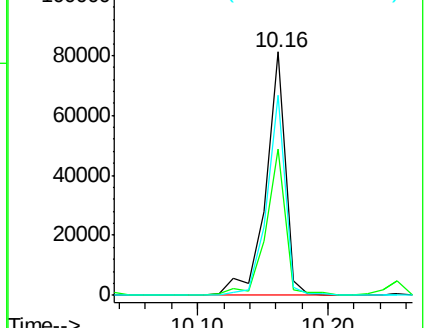
108 81.9 68.9 108.9



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: 41.01 ng

RT: 10.29 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Tgt Ion: 77 Resp: 485268

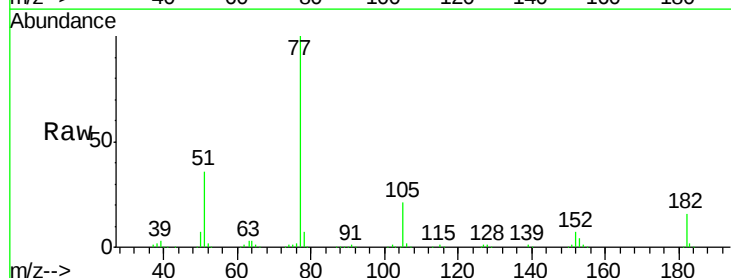
Ion Ratio Lower Upper

77 100

182 16.5 0.0 39.0

105 20.7 0.2 40.2

51 35.6 18.0 58.0

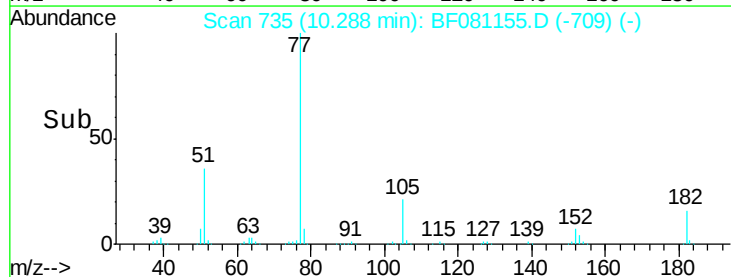
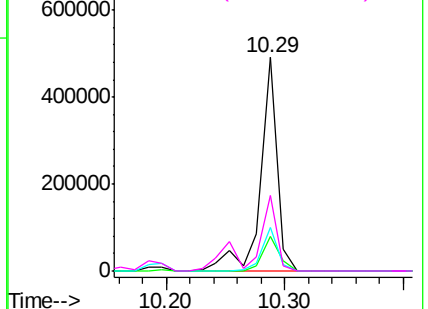


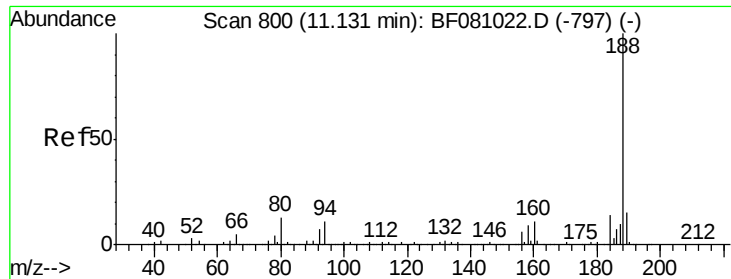
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

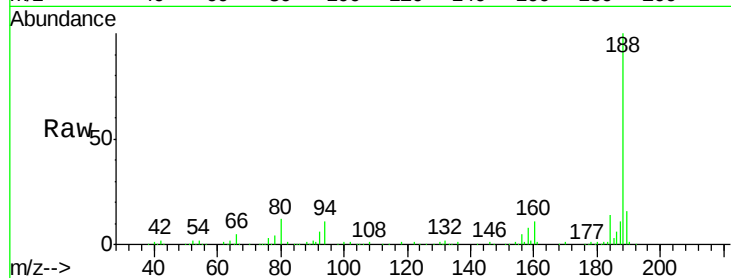




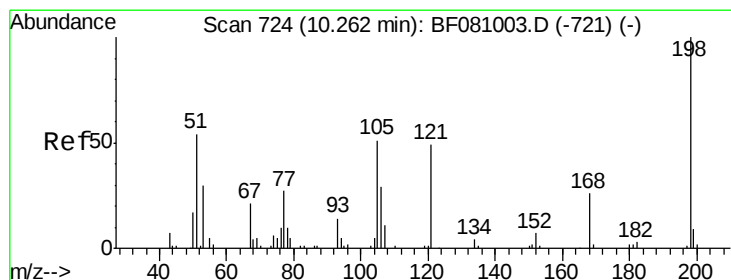
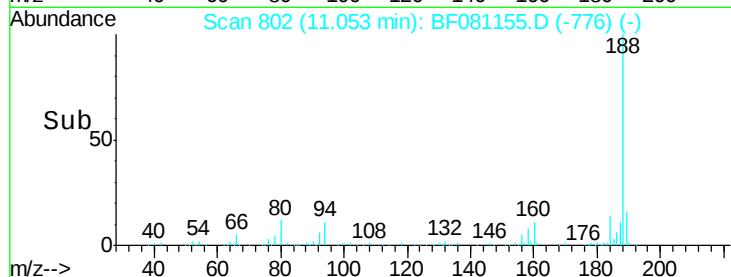
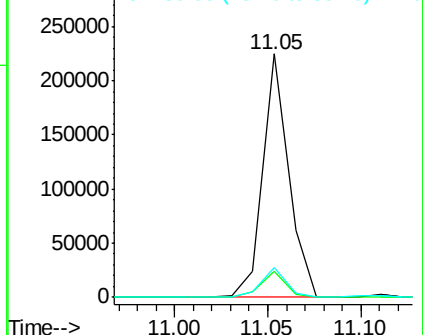
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 214588
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.2
80 12.1 9.5 14.3

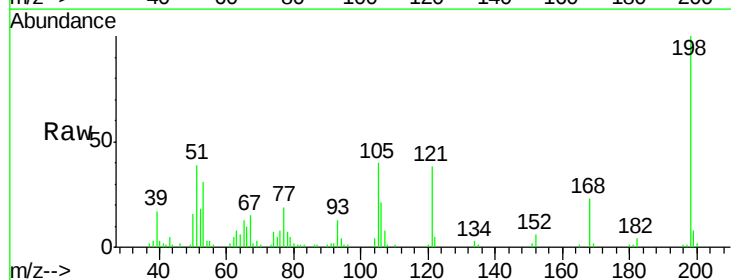


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

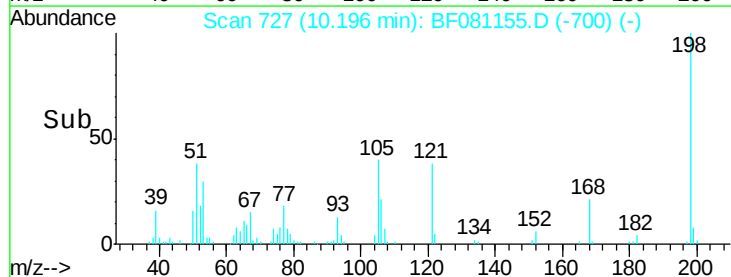
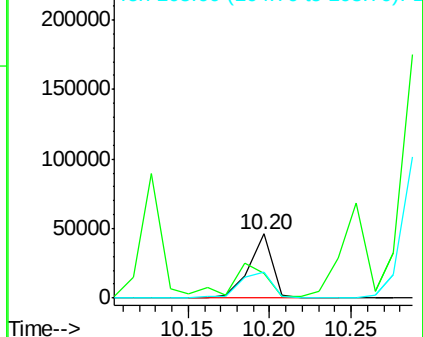


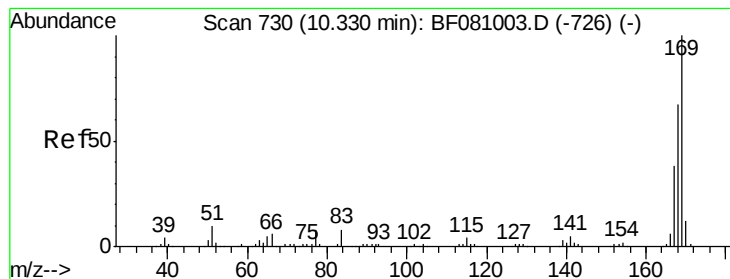
#64
4,6-Dinitro-2-methylphenol
Concen: 35.71 ng
RT: 10.20 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

Tgt Ion:198 Resp: 45761
Ion Ratio Lower Upper
198 100
51 38.7 79.7 119.7#
105 40.5 47.0 87.0#



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

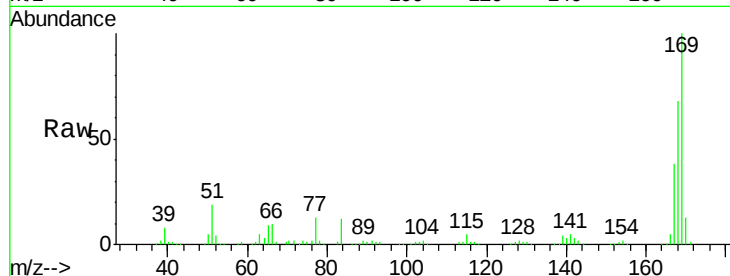




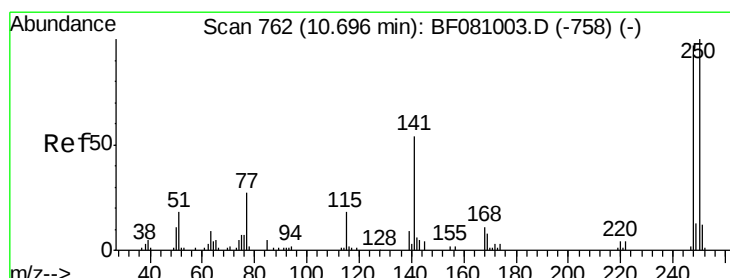
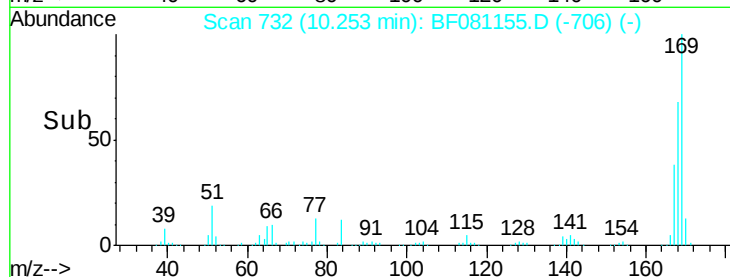
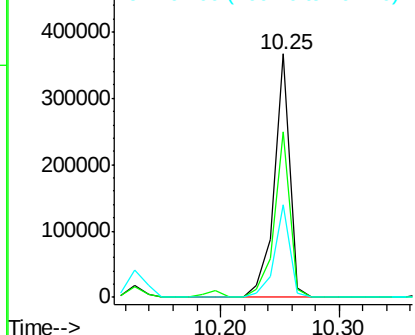
#65
 n-Nitrosodiphenylamine
 Concen: 43.79 ng
 RT: 10.25 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:169 Resp: 335434
 Ion Ratio Lower Upper
 169 100
 168 68.2 55.3 82.9
 167 37.8 30.8 46.2

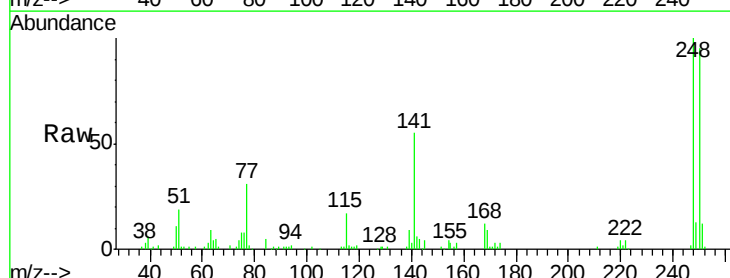


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

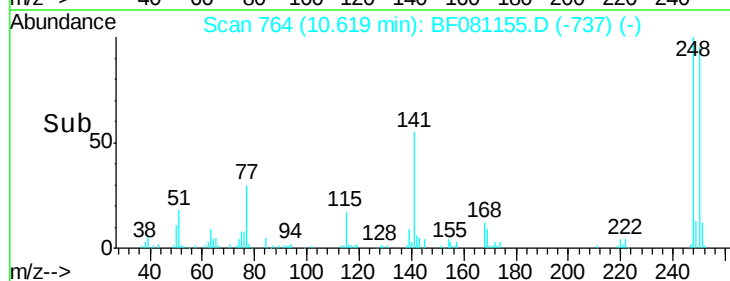
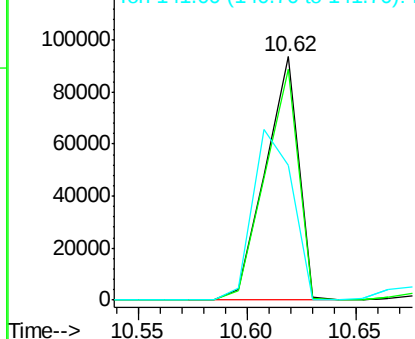


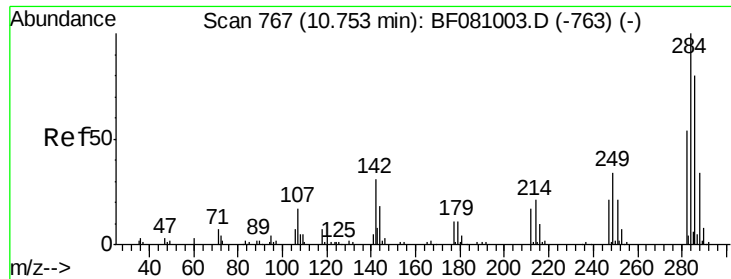
#66
 4-Bromophenyl-phenylether
 Concen: 47.65 ng
 RT: 10.62 min Scan# 764
 Delta R.T. 0.01 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Tgt Ion:248 Resp: 100454
 Ion Ratio Lower Upper
 248 100
 250 94.8 77.8 116.6
 141 55.2 39.8 59.6



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

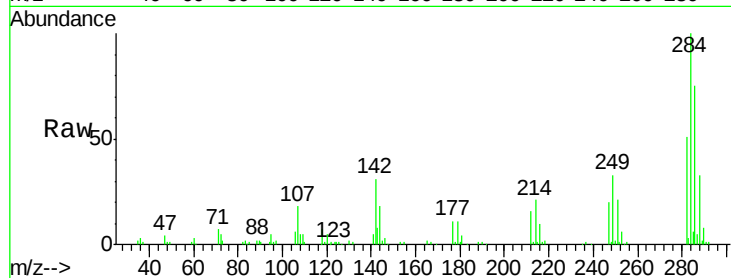




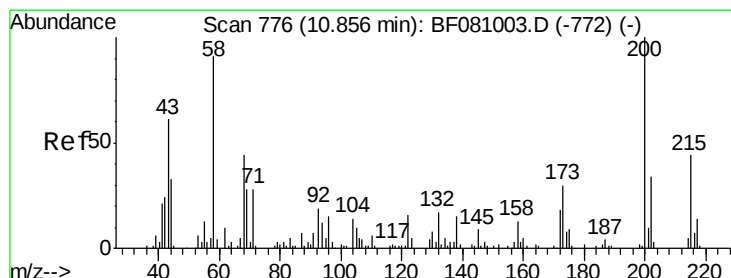
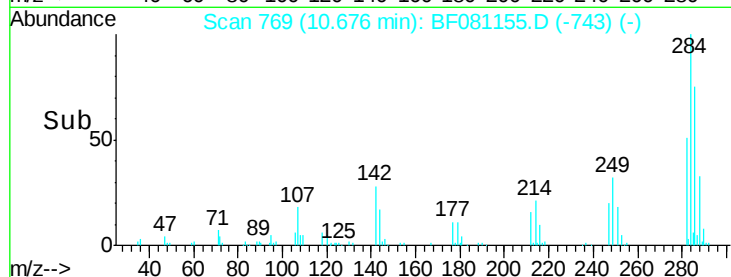
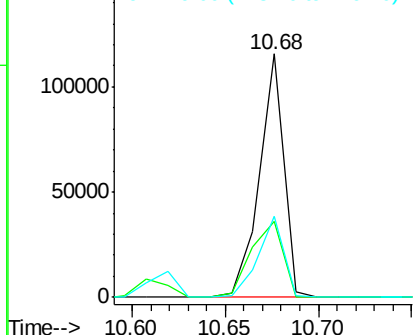
#67
Hexachlorobenzene
Concen: 48.70 ng
RT: 10.68 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 103964
Ion Ratio Lower Upper
284 100
142 31.0 25.4 38.0
249 33.0 28.5 42.7

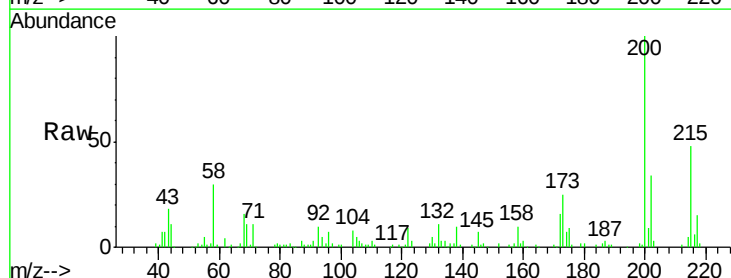


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

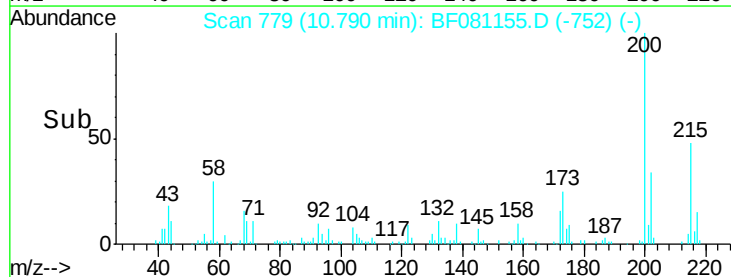
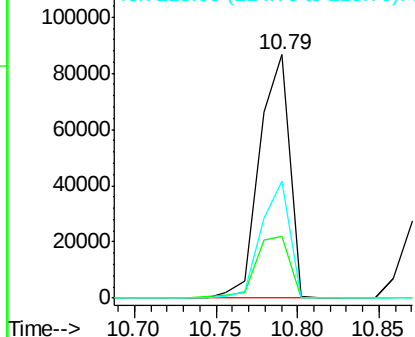


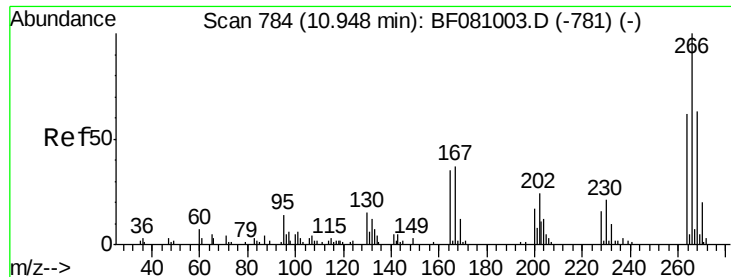
#68
Atrazine
Concen: 51.87 ng
RT: 10.79 min Scan# 779
Delta R.T. 0.01 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

Tgt Ion:200 Resp: 110692
Ion Ratio Lower Upper
200 100
173 25.3 8.1 48.1
215 48.0 23.3 63.3



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

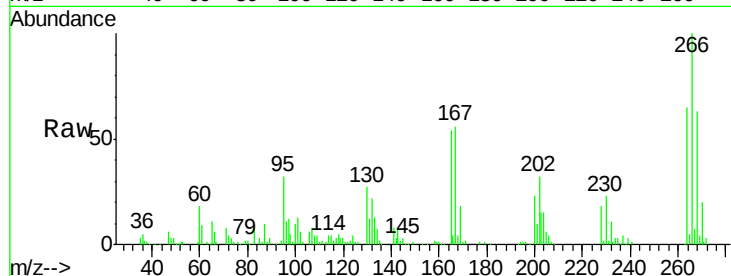




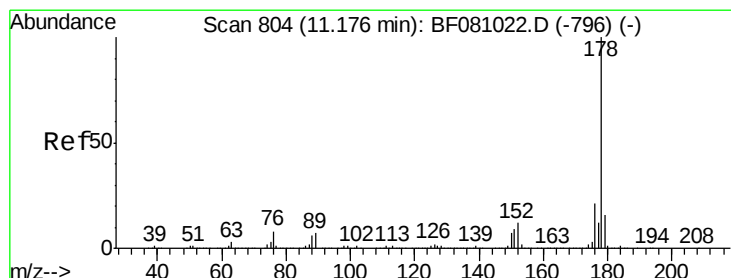
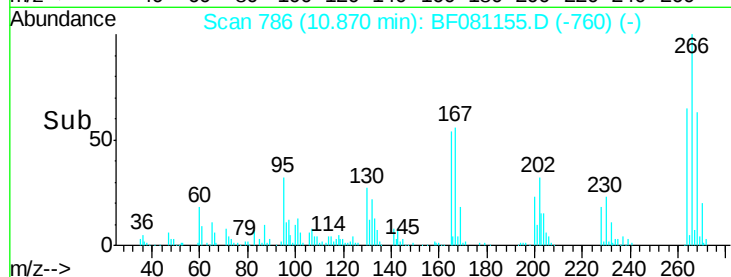
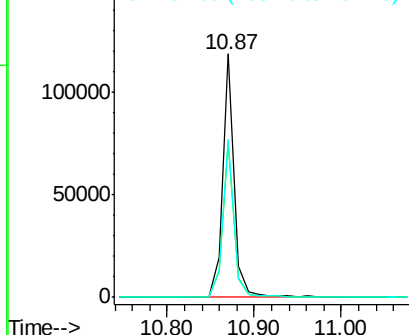
#69
 Pentachlorophenol
 Concen: 86.73 ng
 RT: 10.87 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 111094
 Ion Ratio Lower Upper
 266 100
 268 63.2 51.2 76.8
 264 64.8 50.6 75.8

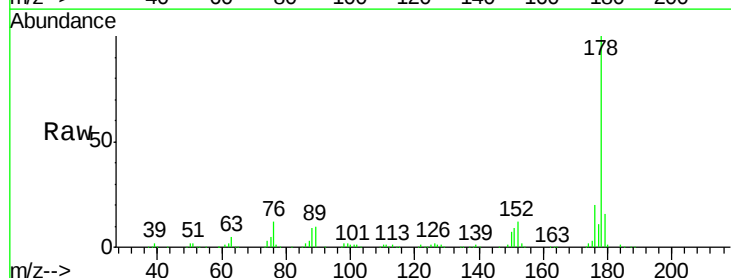


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

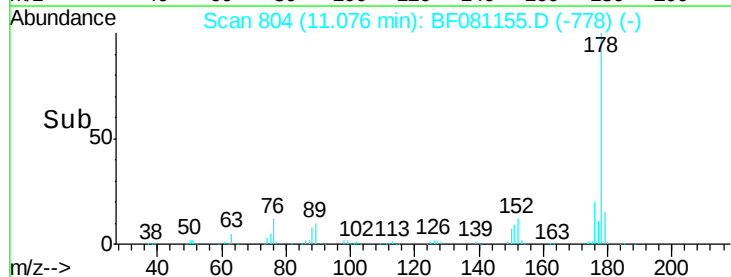
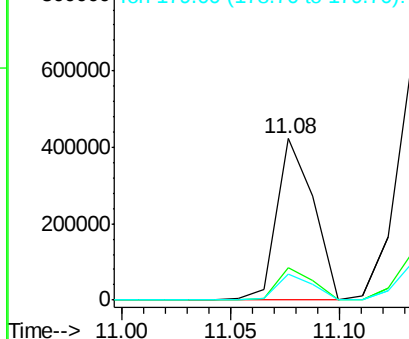


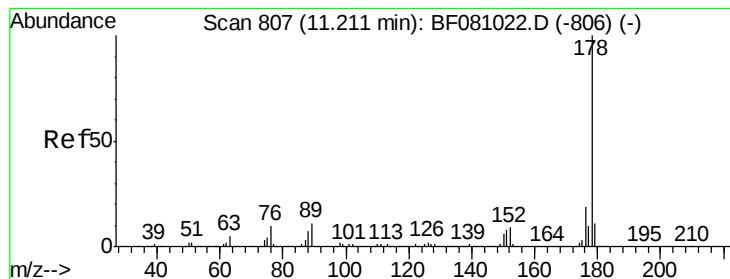
#70
 Phenanthrene
 Concen: 39.38 ng
 RT: 11.08 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Tgt Ion:178 Resp: 500808
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.7 23.5
 179 15.9 12.2 18.2



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





#71

Anthracene

Concen: 45.98 ng

RT: 11.13 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

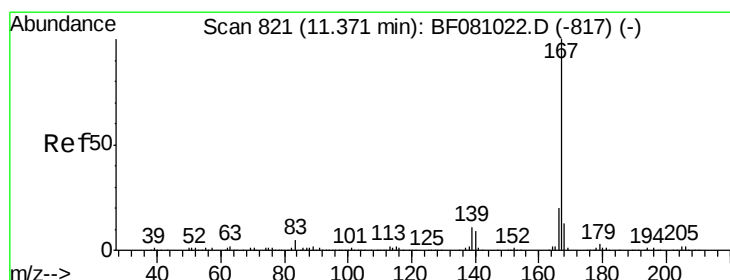
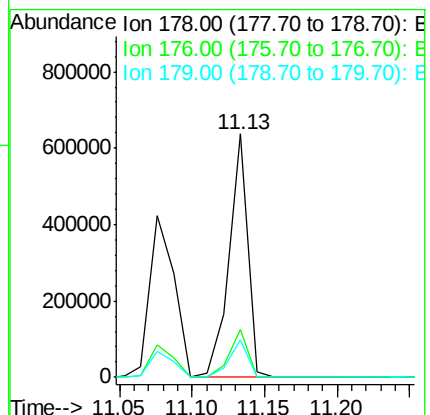
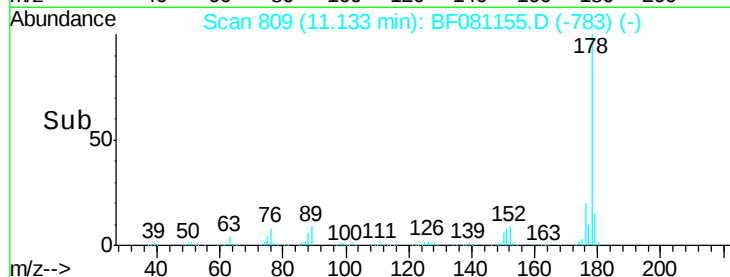
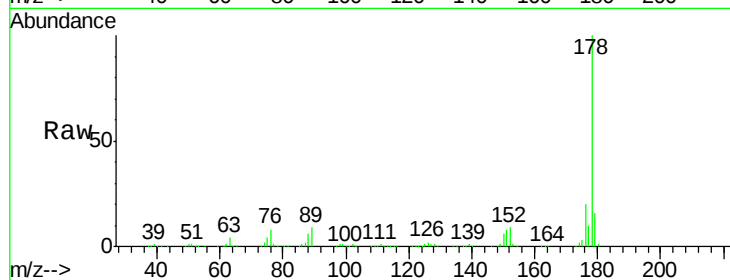
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 569017

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.6	12.7	19.1



#72

Carbazole

Concen: 47.93 ng

RT: 11.29 min Scan# 823

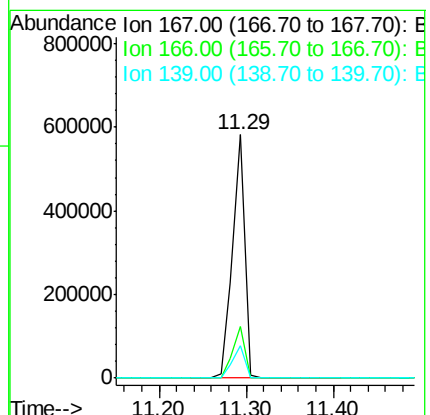
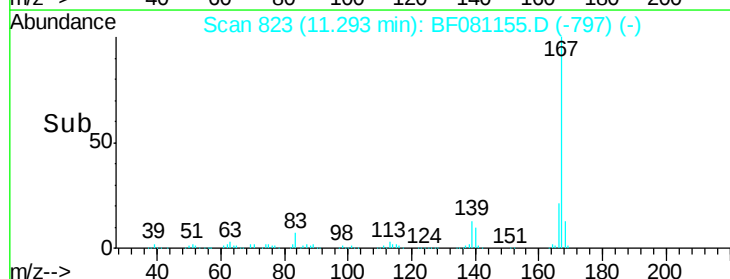
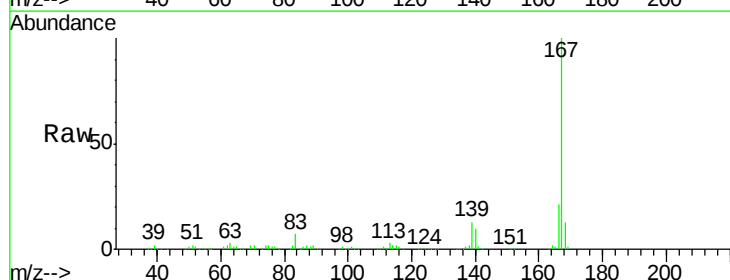
Delta R.T. -0.00 min

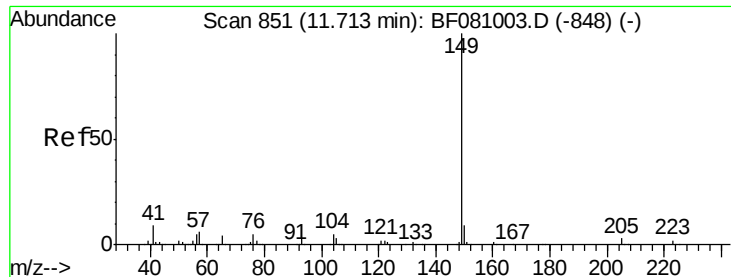
Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Tgt Ion:167 Resp: 571037

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	13.4	10.6	16.0





#73

Di-n-butylphthalate

Concen: 43.34 ng

RT: 11.64 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

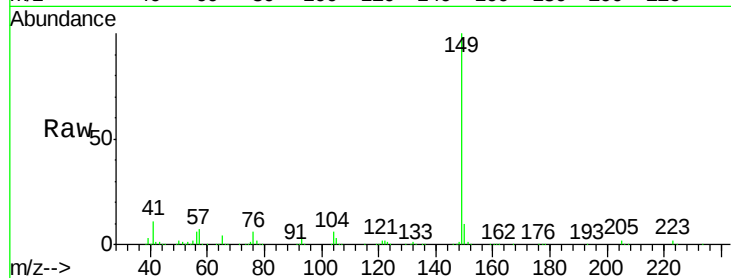
Tot Ion:149 Resp: 624863

Ion Ratio Lower Upper

149 100

150 9.5 7.1 10.7

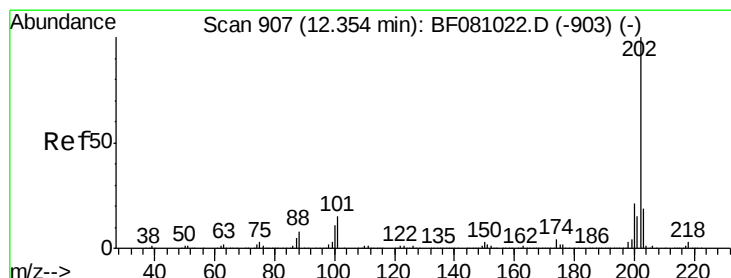
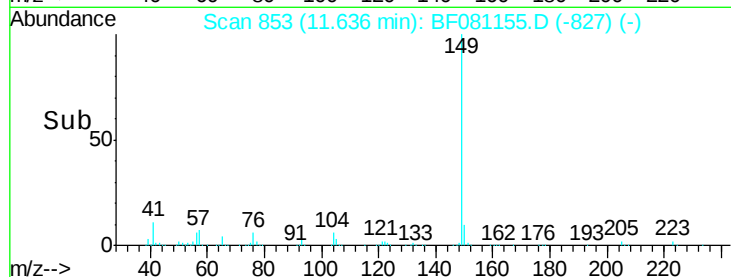
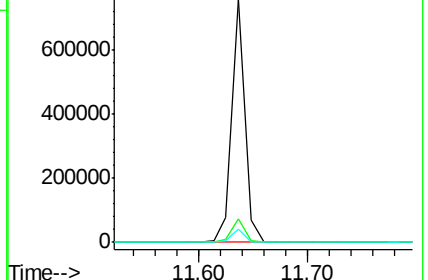
104 5.5 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.02 ng

RT: 12.25 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

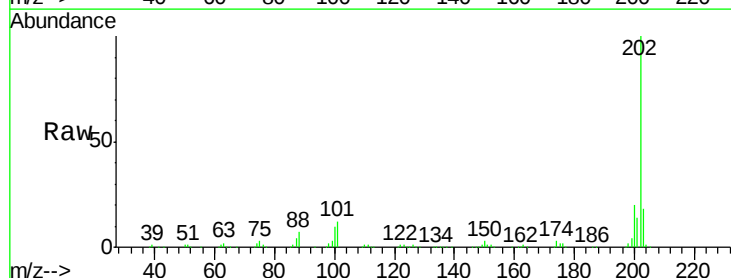
Tgt Ion:202 Resp: 521736

Ion Ratio Lower Upper

202 100

101 12.3 0.0 24.8

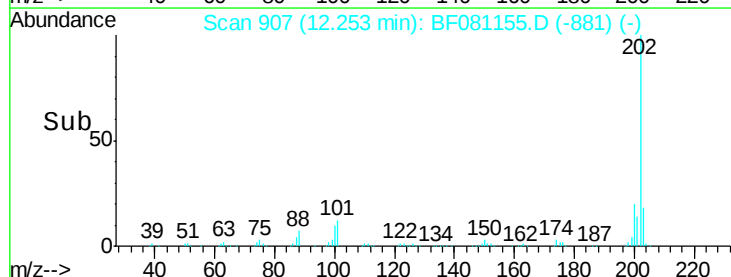
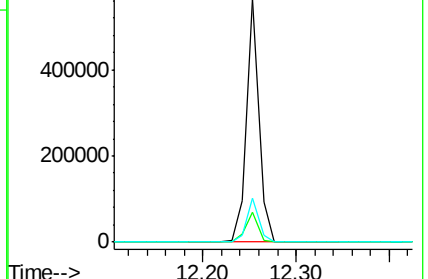
203 18.1 0.0 36.9

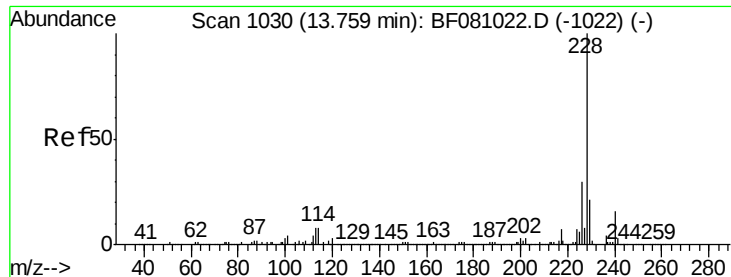


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampled :

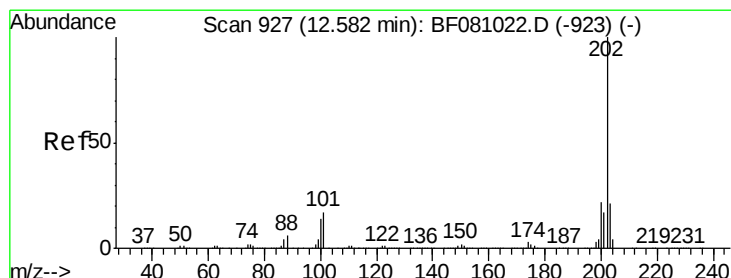
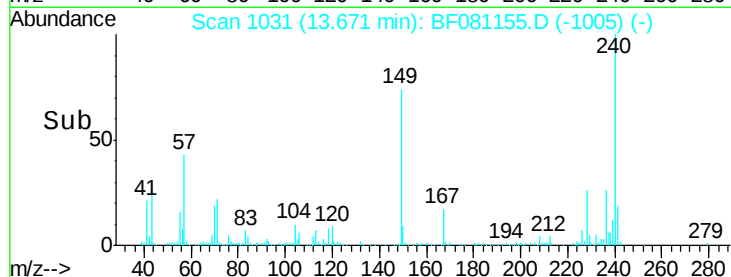
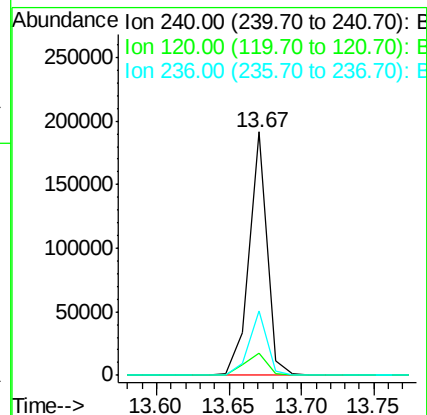
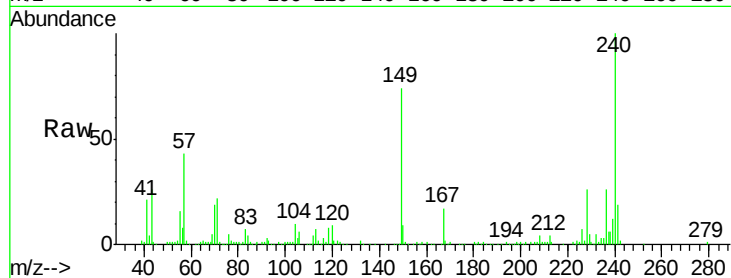
Tot Ion:240 Resp: 164005

Ion Ratio Lower Upper

240 100

120 9.1 5.6 8.4#

236 26.2 20.6 30.8



#77

Pyrene

Concen: 46.68 ng

RT: 12.48 min Scan# 927

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

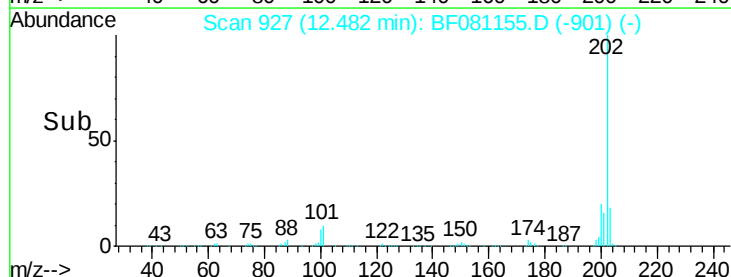
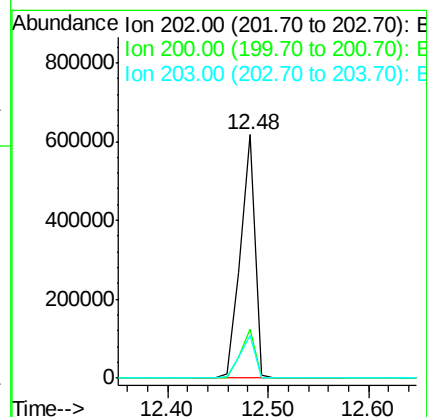
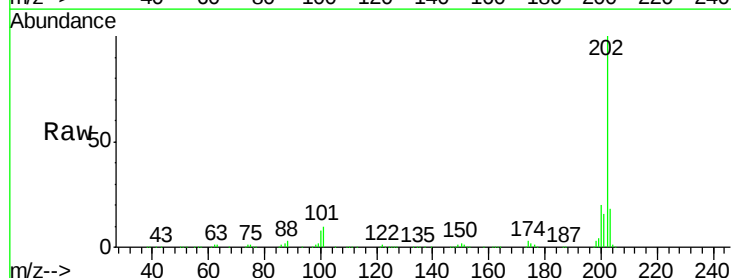
Tgt Ion:202 Resp: 622355

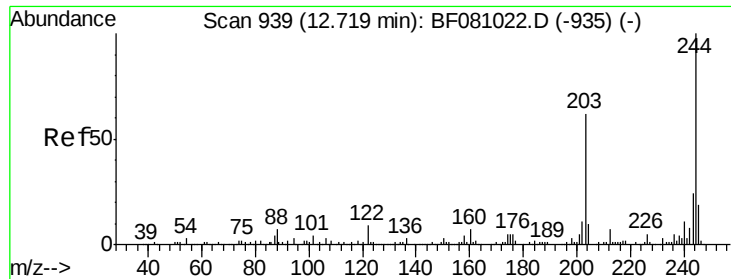
Ion Ratio Lower Upper

202 100

200 20.2 16.6 24.8

203 17.6 14.1 21.1

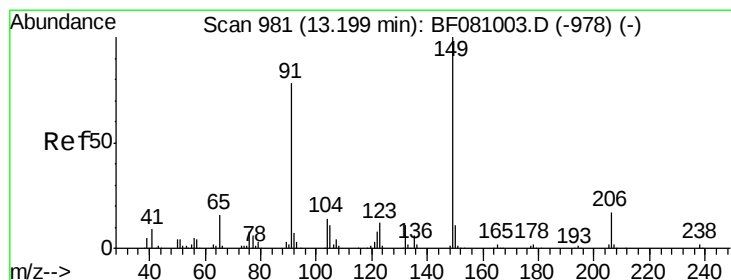
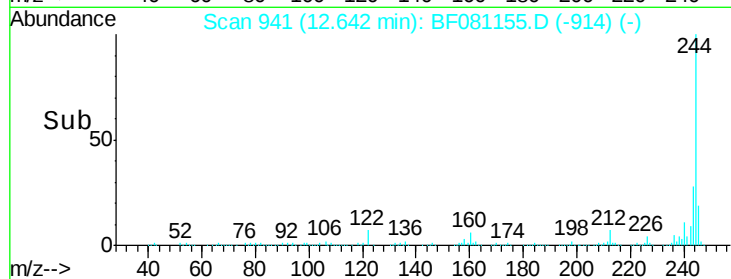
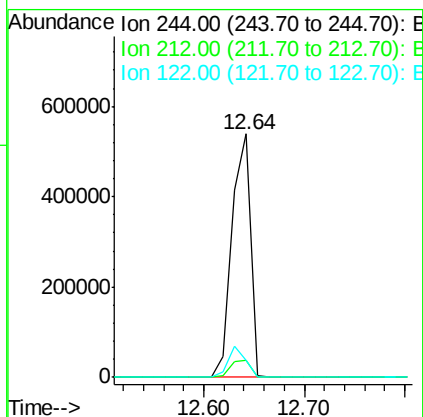
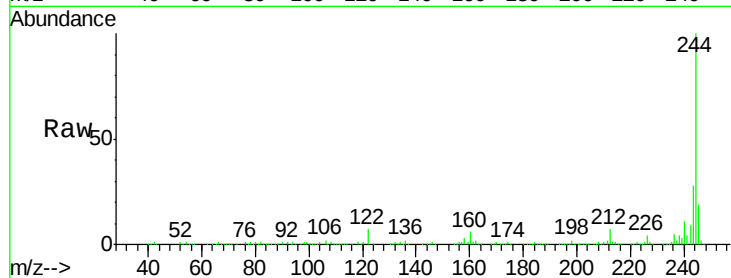




#78
 Terphenyl-d14
 Concen: 90.35 ng
 RT: 12.64 min Scan# 941
 Delta R.T. 0.01 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

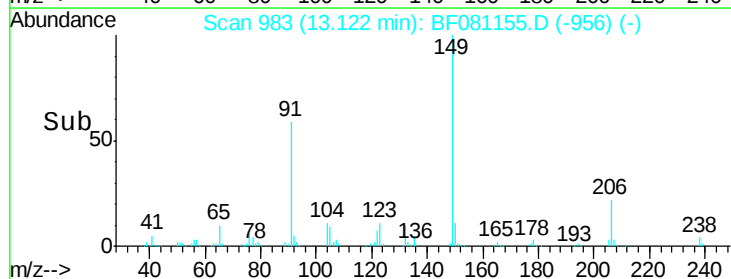
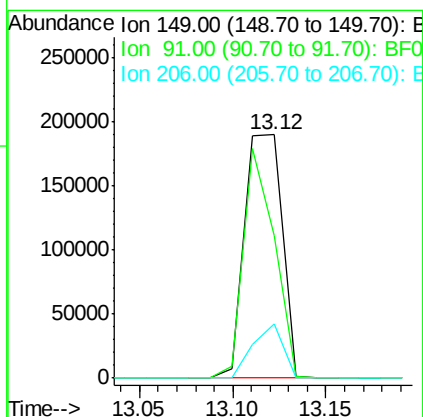
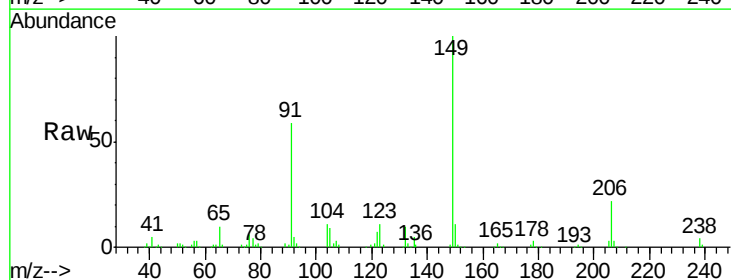
Instrument :
 BNA_F
 ClientSampleId :

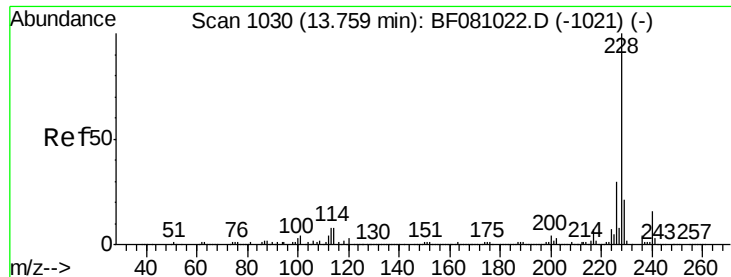
Tot Ion:244 Resp: 691223
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 7.0 8.2 12.4#



#79
 Butylbenzylphthalate
 Concen: 46.30 ng
 RT: 13.12 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: BF081155.D
 Acq: 21 Aug 2015 20:16

Tgt Ion:149 Resp: 265343
 Ion Ratio Lower Upper
 149 100
 91 58.8 46.9 70.3
 206 22.0 17.0 25.4





#80

Benzo(a)anthracene

Concen: 41.14 ng

RT: 13.66 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampled :

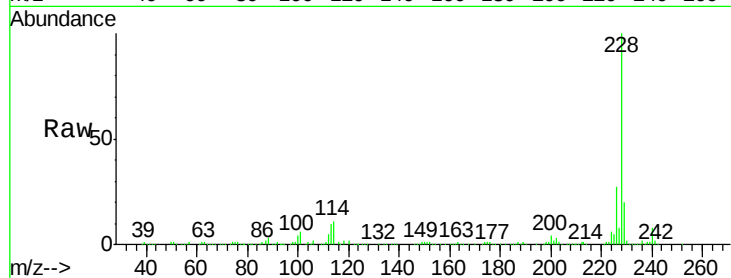
Tot Ion:228 Resp: 452533

Ion Ratio Lower Upper

228 100

226 27.4 22.3 33.5

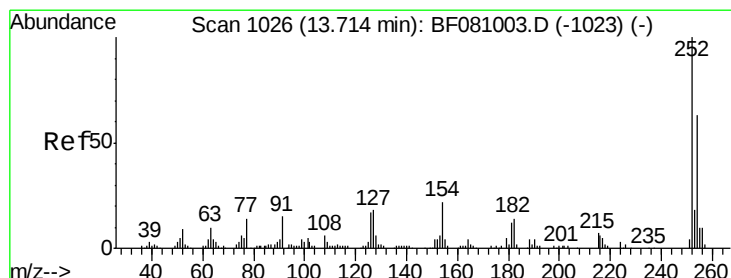
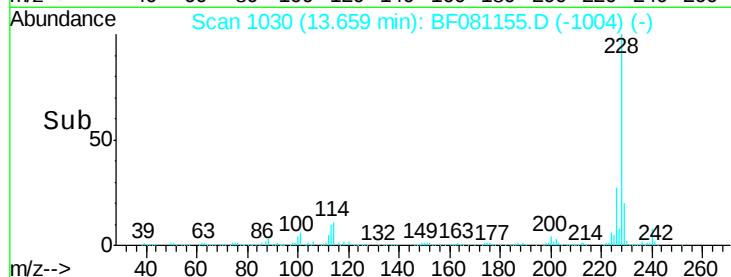
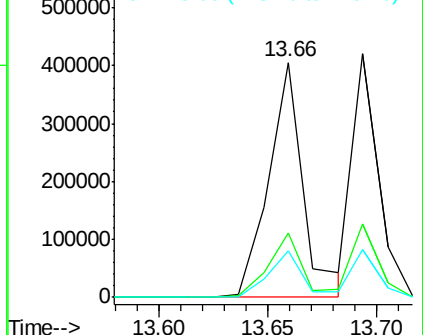
229 19.8 15.9 23.9



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: 29.07 ng

RT: 13.64 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

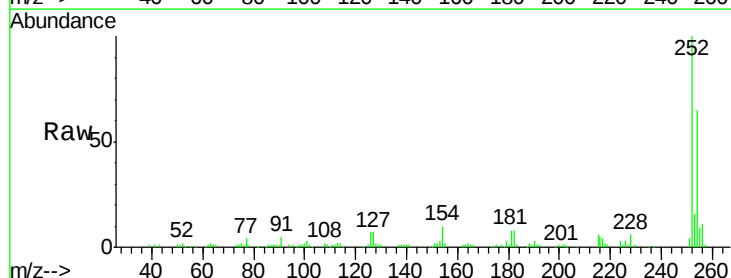
Tgt Ion:252 Resp: 103563

Ion Ratio Lower Upper

252 100

254 65.3 51.5 77.3

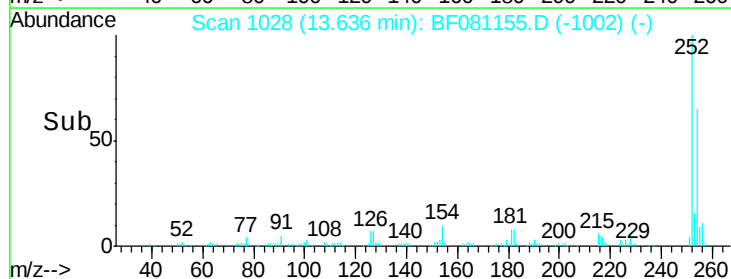
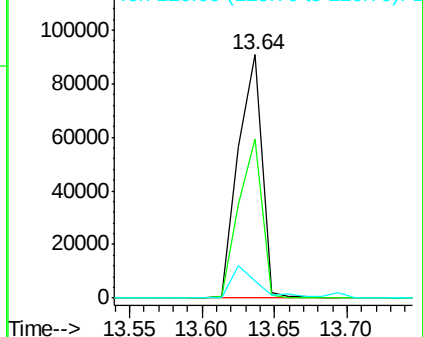
126 7.2 12.5 18.7#

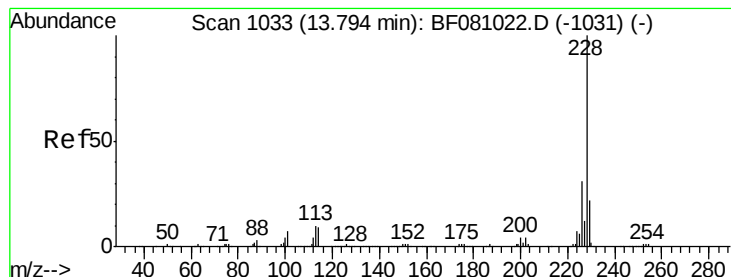


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 35.62 ng

RT: 13.69 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

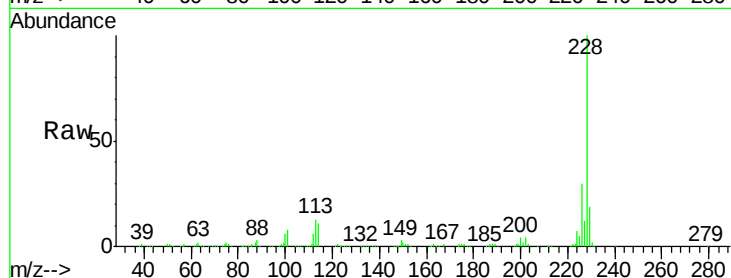
Tot Ion:228 Resp: 353096

Ion Ratio Lower Upper

228 100

226 30.2 24.4 36.6

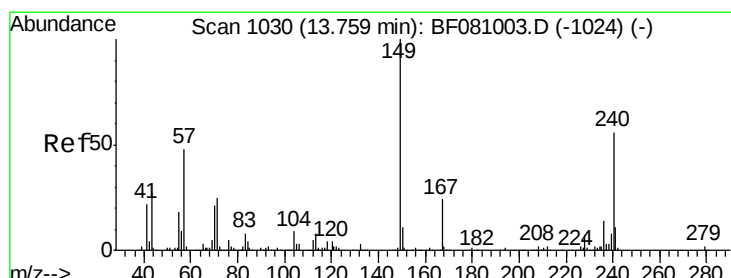
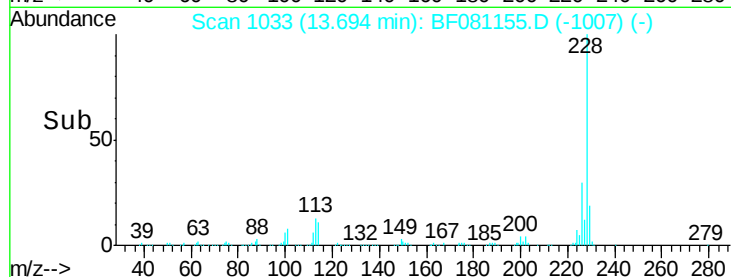
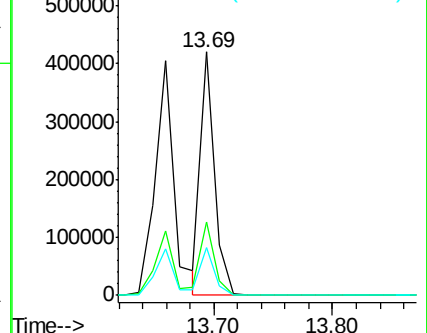
229 19.5 16.0 24.0



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: 51.84 ng

RT: 13.68 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

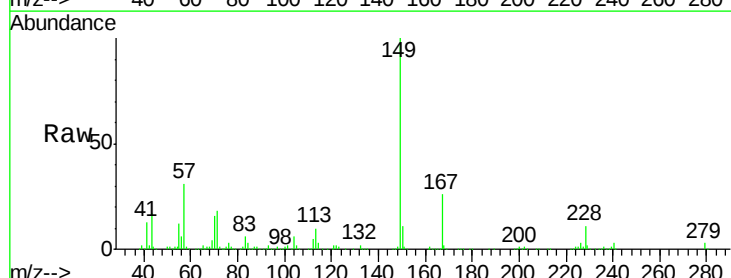
Tgt Ion:149 Resp: 380534

Ion Ratio Lower Upper

149 100

167 25.7 20.7 31.1

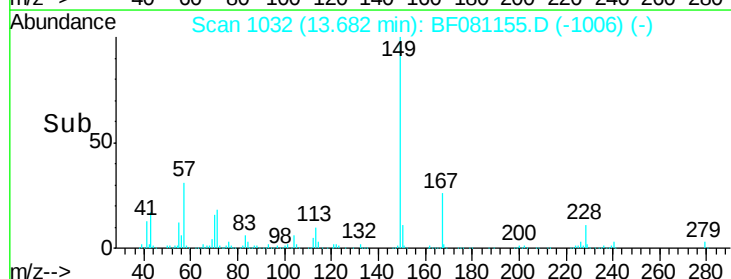
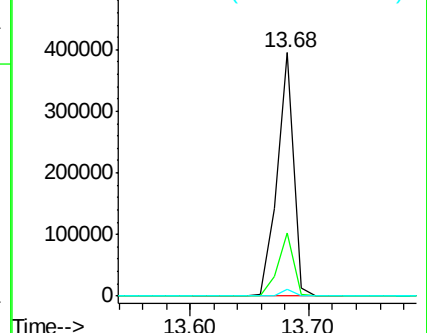
279 2.6 2.2 3.4

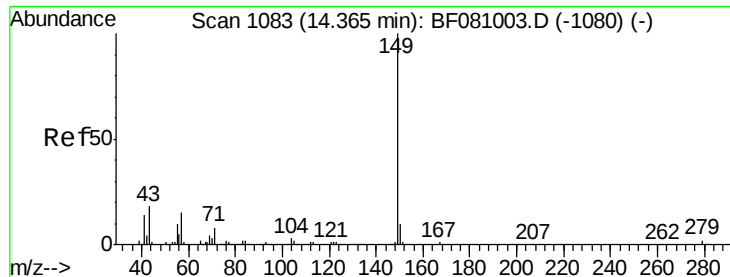


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 53.62 ng

RT: 14.29 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

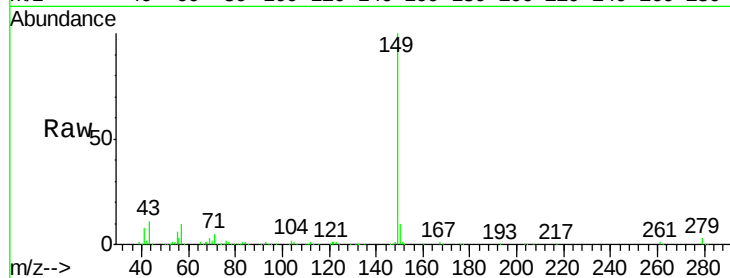
Tot Ion:149 Resp: 598274

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

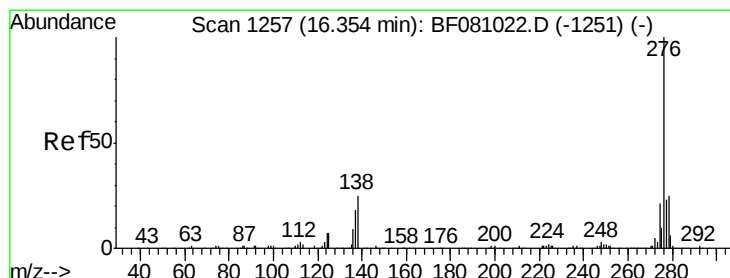
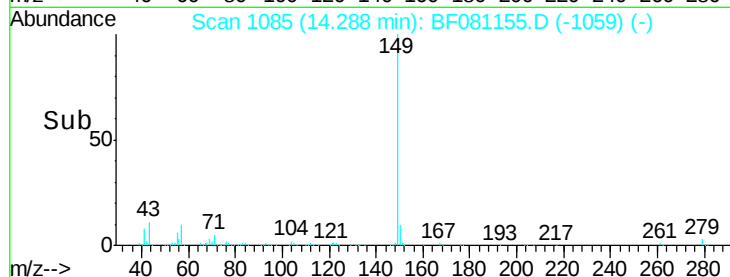
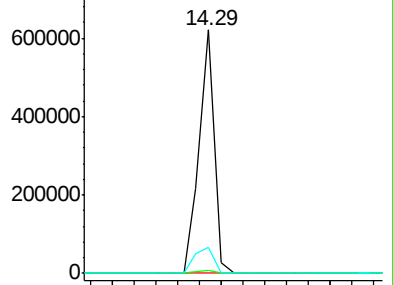
43 13.8 11.6 17.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 47.75 ng

RT: 16.19 min Scan# 1251

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

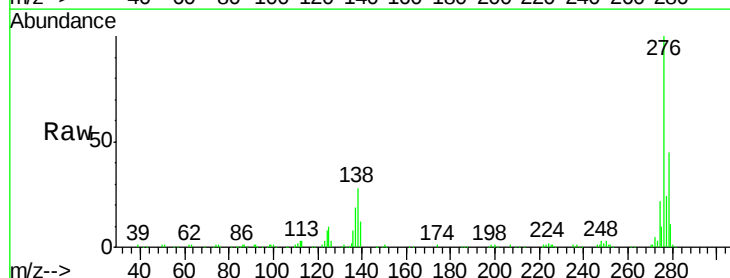
Tgt Ion:276 Resp: 332317

Ion Ratio Lower Upper

276 100

138 29.0 18.6 28.0#

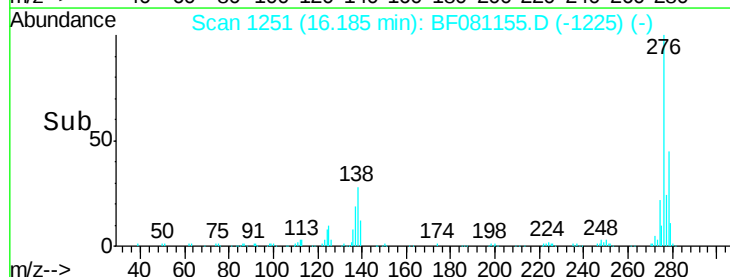
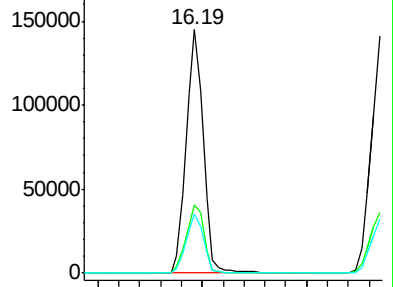
277 24.3 19.8 29.8

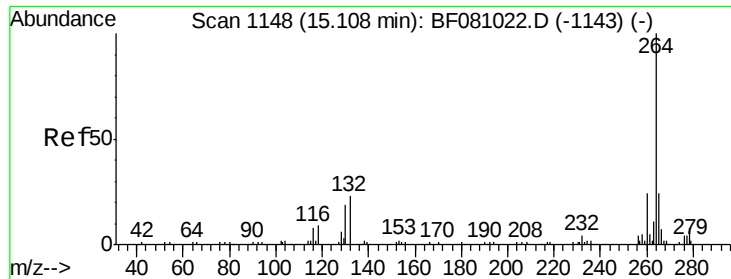


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

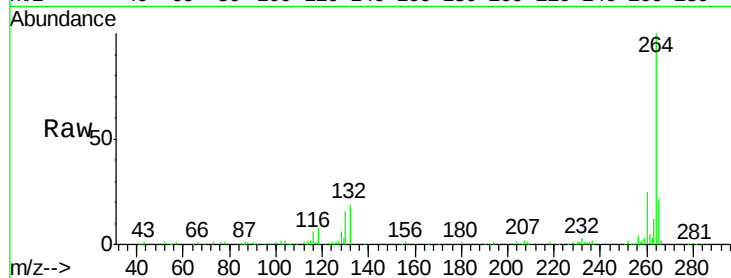




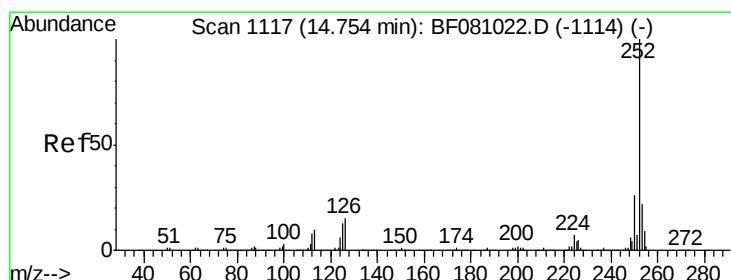
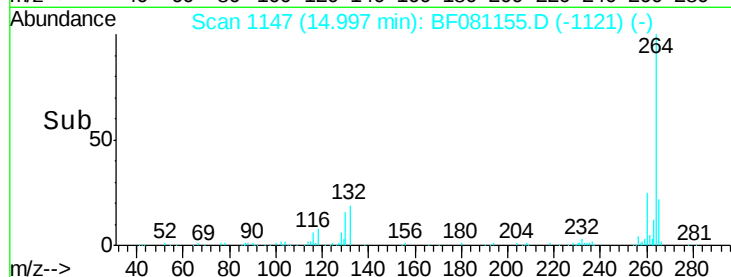
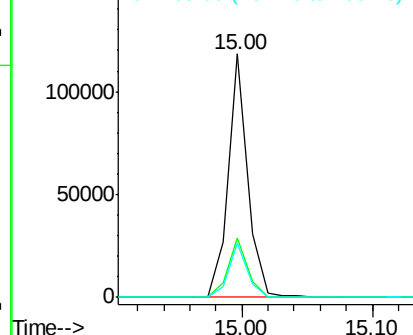
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.00 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 123476
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 22.1 17.5 26.3

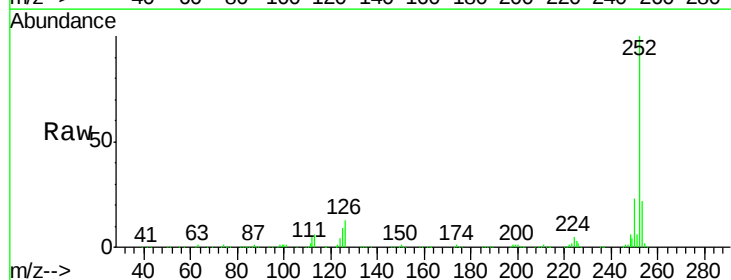


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

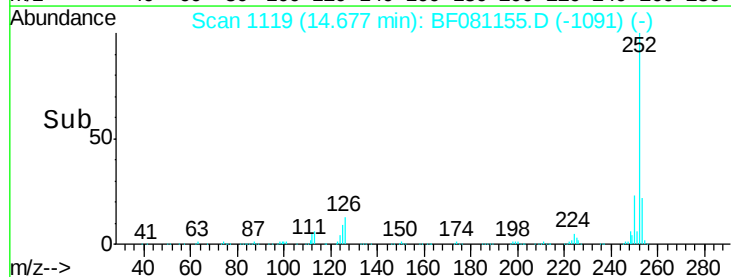
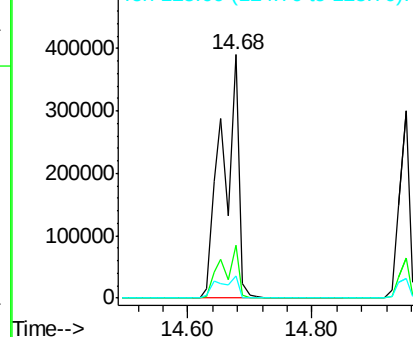


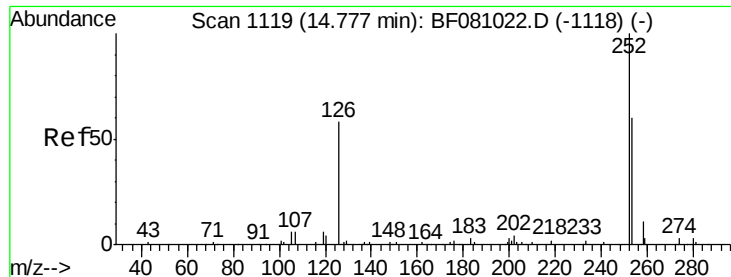
#87
Benzo(b)fluoranthene
Concen: 82.58 ng
RT: 14.68 min Scan# 1119
Delta R.T. 0.02 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

Tgt Ion:252 Resp: 721238
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 9.1 8.0 12.0



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

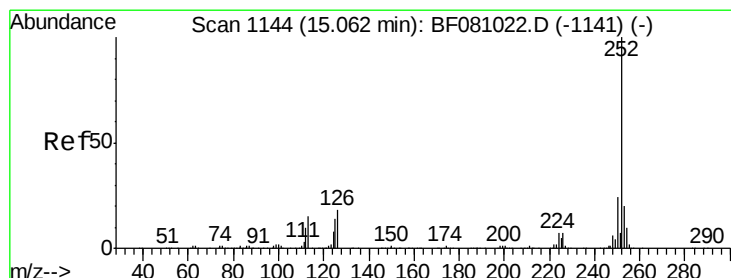
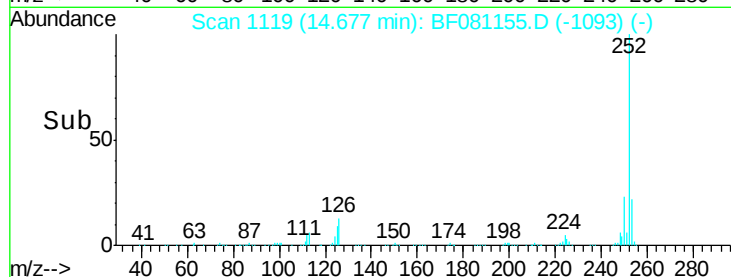
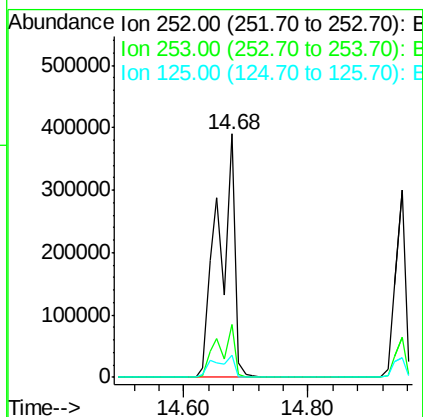
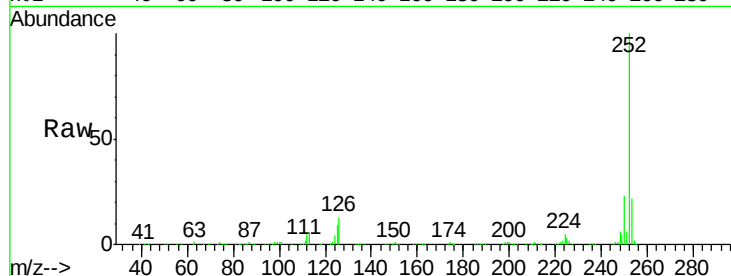




#88
Benzo(k)fluoranthene
Concen: 88.62 ng
RT: 14.68 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

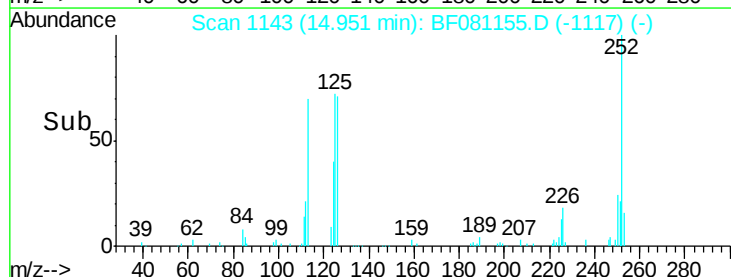
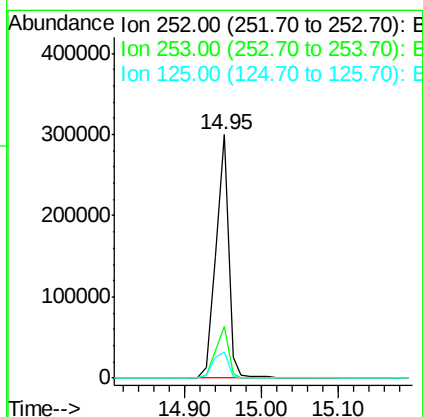
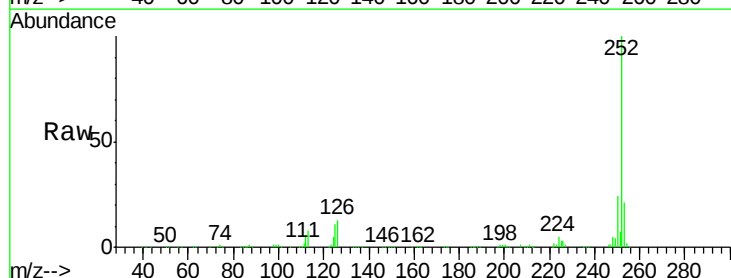
Instrument :
BNA_F
ClientSampled :

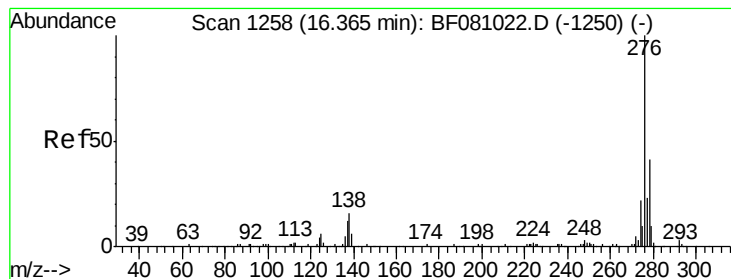
Tot Ion:252 Resp: 721238
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 9.1 10.3 15.5#



#89
Benzo(a)pyrene
Concen: 44.97 ng
RT: 14.95 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF081155.D
Acq: 21 Aug 2015 20:16

Tgt Ion:252 Resp: 342249
Ion Ratio Lower Upper
252 100
253 21.5 16.6 25.0
125 10.5 7.8 11.8





#90

Dibenzo(a,h)anthracene

Concen: 46.82 ng

RT: 16.20 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

Instrument :

BNA_F

ClientSampleId :

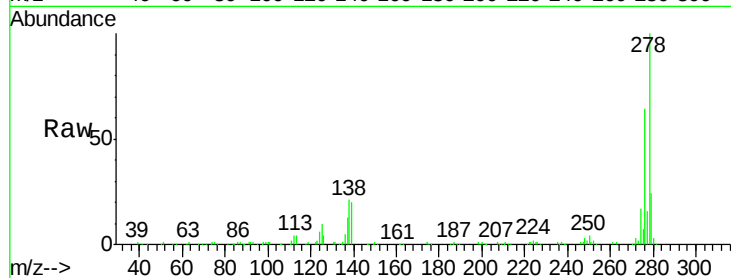
Tot Ion:278 Resp: 277632

Ion Ratio Lower Upper

278 100

139 20.1 10.8 16.2#

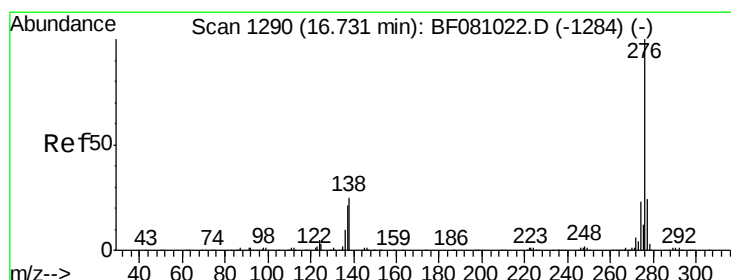
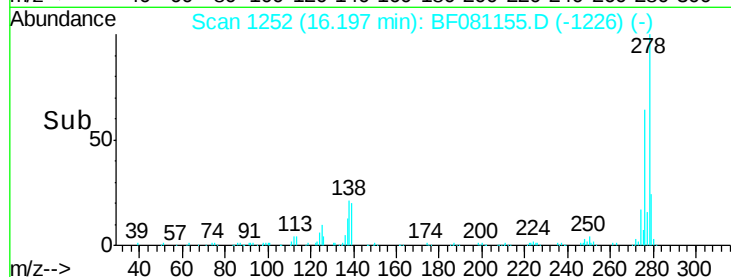
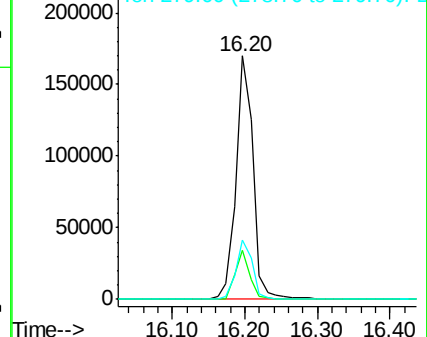
279 24.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 43.85 ng

RT: 16.54 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF081155.D

Acq: 21 Aug 2015 20:16

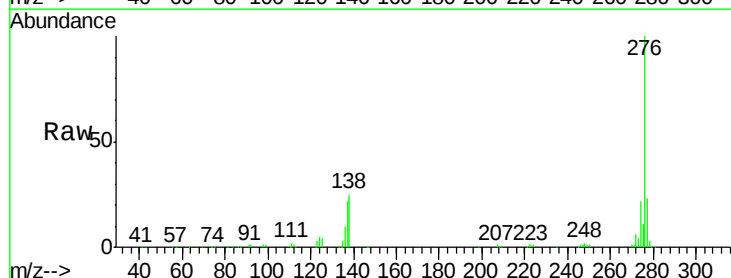
Tgt Ion:276 Resp: 263815

Ion Ratio Lower Upper

276 100

277 23.1 18.2 27.2

138 25.3 13.7 20.5#



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

