

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
 Data File : BF081640.D
 Acq On : 15 Sep 2015 21:38
 Operator : UM/IZ
 Sample : G3612-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Quant Time: Sep 16 01:00:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	51857	20.00	ng	0.00
21) Naphthalene-d8	11.12	136	206584	20.00	ng	0.00
38) Acenaphthene-d10	15.26	164	94102	20.00	ng	0.00
63) Phenanthrene-d10	18.77	188	170079	20.00	ng	0.01
75) Chrysene-d12	23.38	240	109955	20.00	ng	0.00
86) Perylene-d12	24.82	264	84003	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	424677	127.06	ng	0.03
7) Phenol-d6	7.66	99	593178	134.08	ng	0.01
23) Nitrobenzene-d5	9.52	82	391630	91.46	ng	-0.01
41) 2,4,6-Tribromophenol	17.17	330	110043	131.33	ng	0.00
44) 2-Fluorobiphenyl	13.77	172	612804	83.45	ng	0.00
78) Terphenyl-d14	22.12	244	449996	95.27	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	2.11	79	145053	35.04	ng	# 74
4) n-Nitrosodimethylamine	2.09	42	106812	46.45	ng	# 60
6) Aniline	7.52	93	106803	17.10	ng	# 82
8) 2-Chlorophenol	7.77	128	158857	43.13	ng	# 78
9) Benzaldehyde	7.23	77	87407	31.53	ng	# 75
10) Phenol	7.68	94	223519	43.57	ng	# 55
11) bis(2-Chloroethyl)ether	7.76	93	172041	46.48	ng	# 67
12) 1,3-Dichlorobenzene	8.07	146	162122	41.20	ng	# 89
13) 1,4-Dichlorobenzene	8.25	146	164562	41.07	ng	# 88
14) 1,2-Dichlorobenzene	8.57	146	159749	44.28	ng	# 88
15) Benzyl Alcohol	8.66	79	164288	45.27	ng	# 71
16) 2,2'-oxybis(1-Chloropropan	8.98	45	363124	51.18	ng	90
17) 2-Methylphenol	9.01	107	130794	44.51	ng	# 80
18) Hexachloroethane	9.31	117	62676	40.21	ng	# 85
19) n-Nitroso-di-n-propylamine	9.29	70	139177	46.22	ng	# 90
20) 3+4-Methylphenols	9.38	107	174884	44.14	ng	84
22) Acetophenone	9.20	105	249095	44.15	ng	# 73
24) Nitrobenzene	9.57	77	200583	45.11	ng	# 65
25) Isophorone	10.16	82	356528	44.77	ng	# 85
26) 2-Nitrophenol	10.30	139	80009	41.28	ng	# 37
27) 2,4-Dimethylphenol	10.57	122	145647	43.51	ng	# 72
28) bis(2-Chloroethoxy)methane	10.75	93	213861	46.49	ng	# 90
29) 2,4-Dichlorophenol	10.91	162	130510	44.96	ng	91
30) 1,2,4-Trichlorobenzene	11.03	180	137032	43.46	ng	98
31) Naphthalene	11.17	128	477521	43.34	ng	99
32) Benzoic acid	11.03	122	1350	3.08	ng	# 63
33) 4-Chloroaniline	11.41	127	49354	10.98	ng	# 84
34) Hexachlorobutadiene	11.52	225	87764	45.73	ng	99
35) Caprolactam	12.33	113	23437	26.33	ng	# 18
36) 4-Chloro-3-methylphenol	12.74	107	155305	47.80	ng	# 79
37) 2-Methylnaphthalene	12.82	142	311691	43.47	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	135953	45.68	ng	98
40) Hexachlorocyclopentadiene	13.21	237	34848	23.86	ng	97
42) 2,4,6-Trichlorophenol	13.58	196	90494	44.06	ng	99

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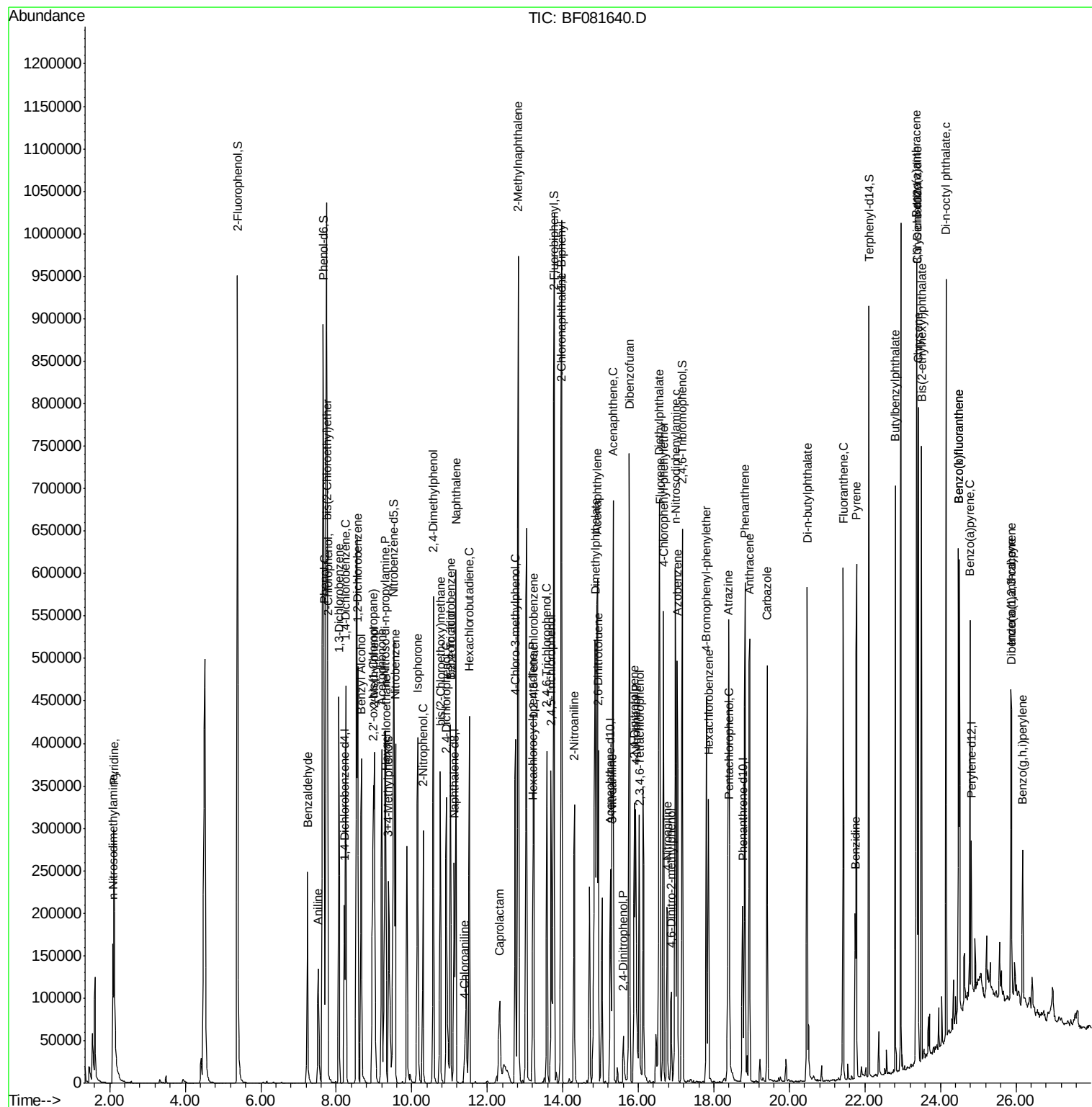
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.69	196	95032	45.35	ng	# 90
45) 1,1'-Biphenyl	13.97	154	375111	43.33	ng	95
46) 2-Chloronaphthalene	13.96	162	273718	43.78	ng	# 86
47) 2-Nitroaniline	14.31	65	116812	45.84	ng	# 64
48) Acenaphthylene	14.92	152	461120	41.57	ng	98
49) Dimethylphthalate	14.86	163	517265	70.75	ng	# 96
50) 2,6-Dinitrotoluene	14.95	165	67718	40.81	ng	# 35
51) Acenaphthene	15.34	154	260740	41.32	ng	90
52) 3-Nitroaniline	15.30	138	45976	24.34	ng	# 53
53) 2,4-Dinitrophenol	15.60	184	15154	23.12	ng	# 19
54) Dibenzofuran	15.76	168	407404	44.22	ng	# 85
55) 4-Nitrophenol	15.93	139	95109	80.14	ng	# 3
56) 2,4-Dinitrotoluene	15.90	165	90732	42.94	ng	# 53
57) Fluorene	16.57	166	313222	44.80	ng	96
58) 2,3,4,6-Tetrachlorophenol	16.04	232	68236	42.65	ng	95
59) Diethylphthalate	16.55	149	369794	48.08	ng	95
60) 4-Chlorophenyl-phenylether	16.66	204	153228	47.02	ng	# 84
61) 4-Nitroaniline	16.78	138	60189	31.54	ng	# 31
62) Azobenzene	17.03	77	394530	46.14	ng	83
64) 4,6-Dinitro-2-methylphenol	16.87	198	20941	22.01	ng	87
65) n-Nitrosodiphenylamine	16.98	169	274518	44.36	ng	93
66) 4-Bromophenyl-phenylether	17.81	248	79412	46.18	ng	# 90
67) Hexachlorobenzene	17.86	284	77583	43.15	ng	# 87
68) Atrazine	18.39	200	94084	52.53	ng	# 79
69) Pentachlorophenol	18.41	266	68175	78.11	ng	99
70) Phenanthrene	18.82	178	415547	43.95	ng	97
71) Anthracene	18.95	178	403325	41.52	ng	98
72) Carbazole	19.42	167	366550	40.21	ng	96
73) Di-n-butylphthalate	20.47	149	532895	49.51	ng	# 97
74) Fluoranthene	21.43	202	374694	36.61	ng	90
76) Benzidine	21.75	184	121245	25.69	ng	97
77) Pyrene	21.78	202	378886	46.52	ng	98
79) Butylbenzylphthalate	22.80	149	175889	49.65	ng	# 73
80) Benzo(a)anthracene	23.37	228	305656	43.65	ng	96
81) 3,3'-Dichlorobenzidine	23.38	252	82455	34.91	ng	# 94
82) Chrysene	23.42	228	284871	45.38	ng	95
83) Bis(2-ethylhexyl)phthalate	23.50	149	266782	57.07	ng	# 92
84) Di-n-octyl phthalate	24.15	149	418238	54.34	ng	# 93
85) Indeno(1,2,3-cd)pyrene	25.88	276	170531	37.03	ng	# 85
87) Benzo(b)fluoranthene	24.48	252	485768	81.00	ng	# 87
88) Benzo(k)fluoranthene	24.48	252	485768	97.62	ng	# 87
89) Benzo(a)pyrene	24.78	252	238156	46.86	ng	# 82
90) Dibenzo(a,h)anthracene	25.89	278	147048	37.45	ng	# 77
91) Benzo(g,h,i)perylene	26.17	276	128001	34.15	ng	# 75

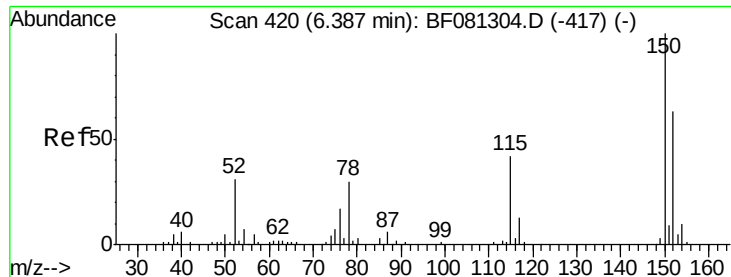
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

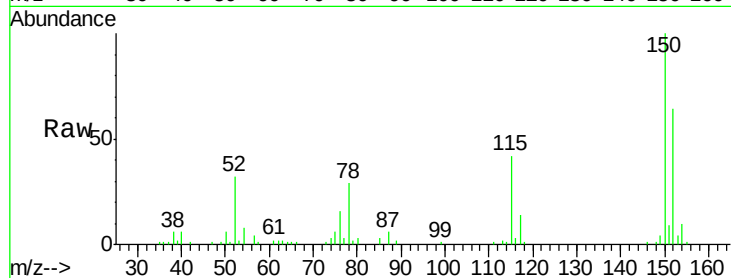
Tgt Ion:152 Resp: 51857

Ion Ratio Lower Upper

152 100

150 157.4 124.7 187.1

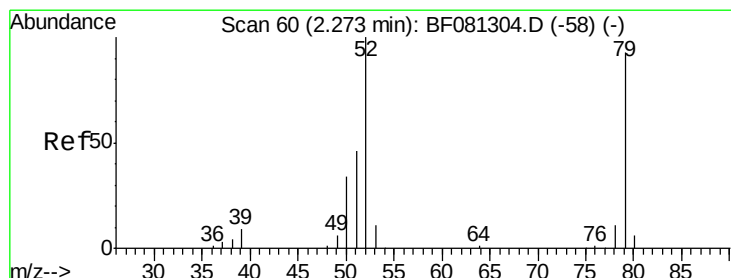
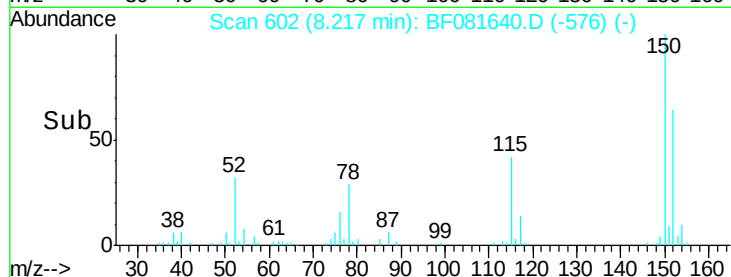
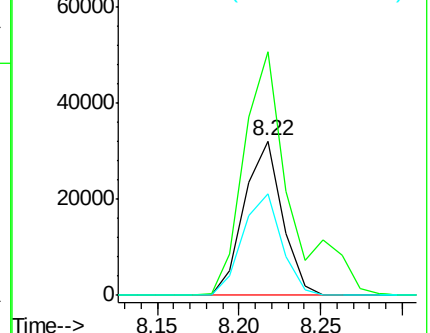
115 65.9 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#3

Pyridine

Concen: 35.04 ng

RT: 2.11 min Scan# 68

Delta R.T. 0.03 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

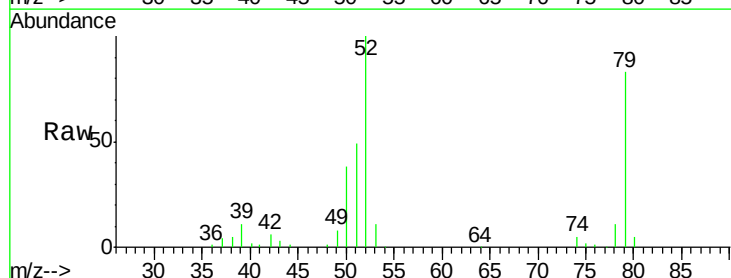
Tgt Ion: 79 Resp: 145053

Ion Ratio Lower Upper

79 100

52 119.9 76.8 115.2#

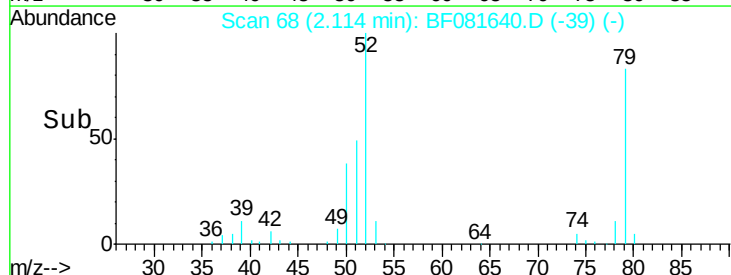
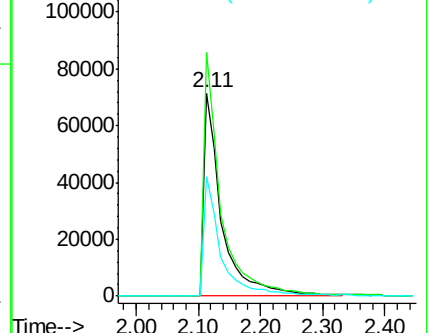
51 59.1 32.2 48.4#

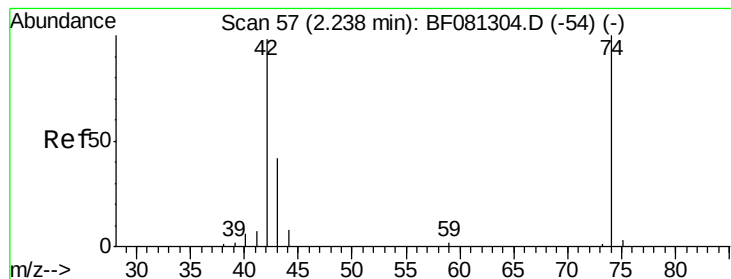


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 46.45 ng

RT: 2.09 min Scan# 66

Delta R.T. 0.03 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

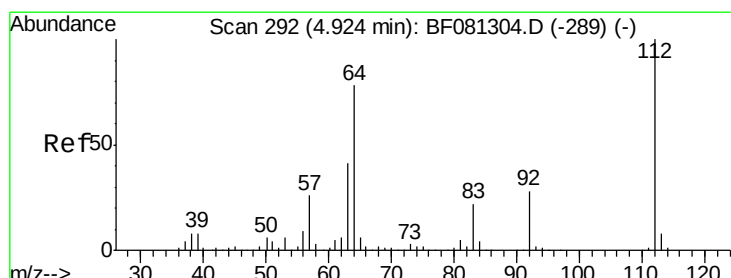
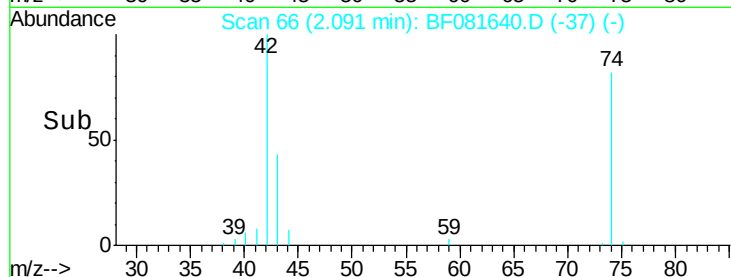
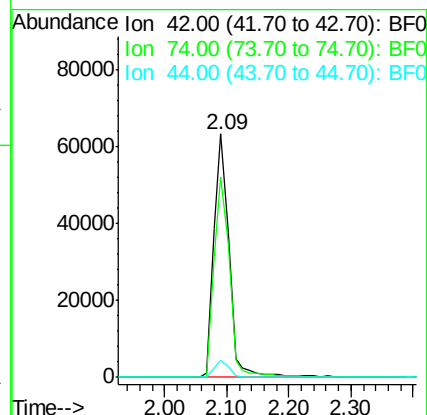
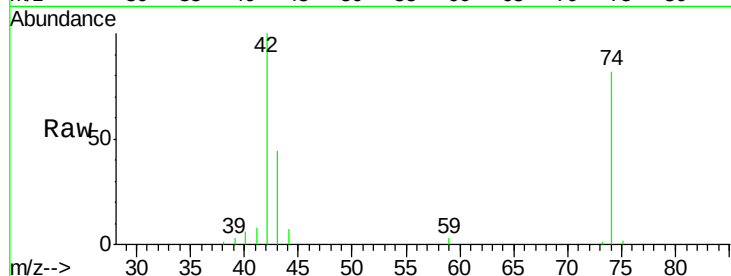
Instrument :

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Tgt Ion:	42	Resp:	106812
Ion	Ratio	Lower	Upper
42	100		
74	82.2	105.0	157.6#
44	7.2	6.6	10.0



#5

2-Fluorophenol

Concen: 127.06 ng

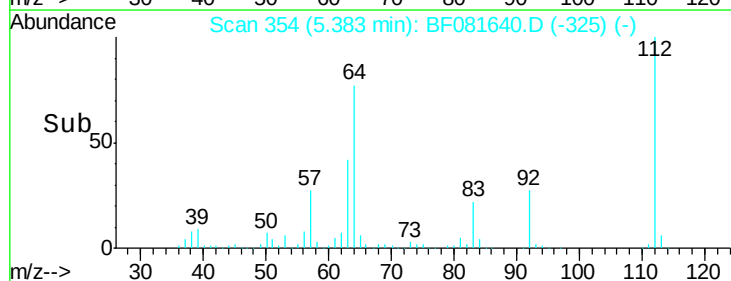
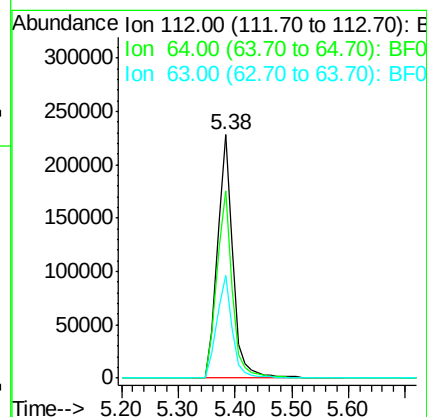
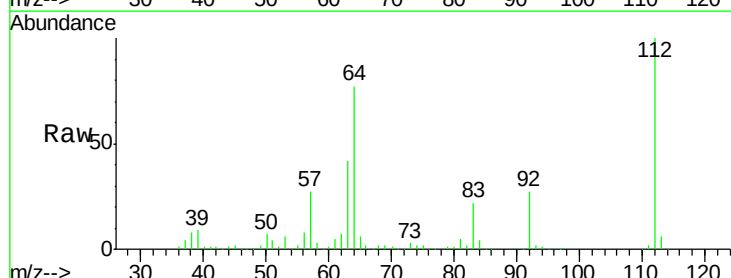
RT: 5.38 min Scan# 354

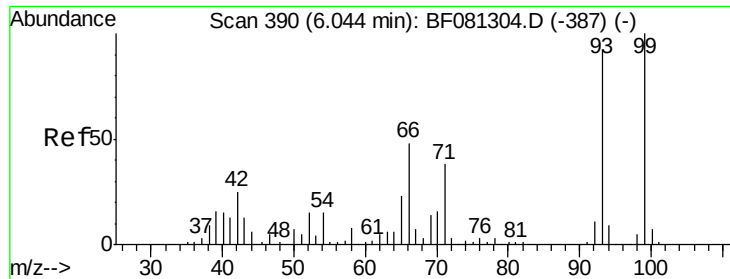
Delta R.T. 0.03 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Tgt Ion:	112	Resp:	424677
Ion	Ratio	Lower	Upper
112	100		
64	76.9	39.7	59.5#
63	42.4	17.4	26.0#





#6

Aniline

Concen: 17.10 ng

RT: 7.52 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

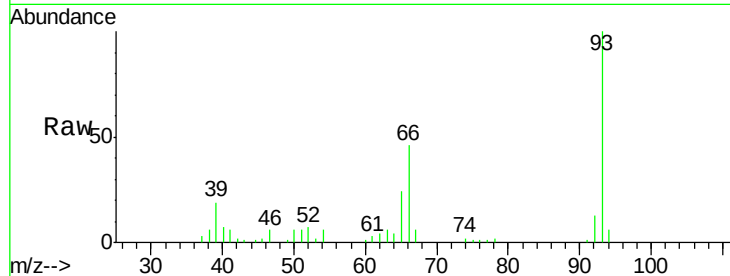
Tgt Ion: 93 Resp: 106803

Ion Ratio Lower Upper

93 100

66 45.7 27.2 40.8#

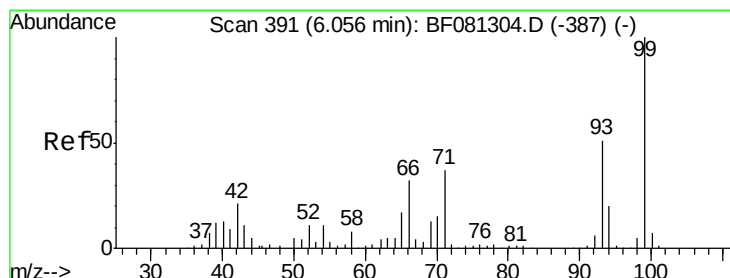
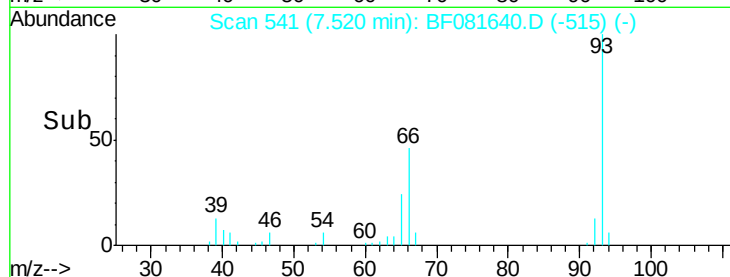
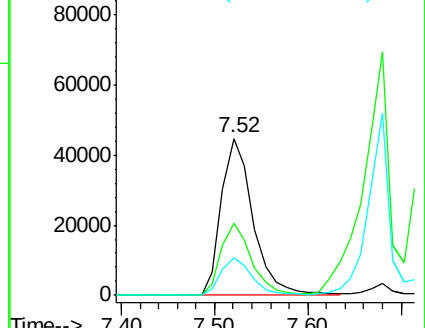
65 24.0 14.7 22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 134.08 ng

RT: 7.66 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

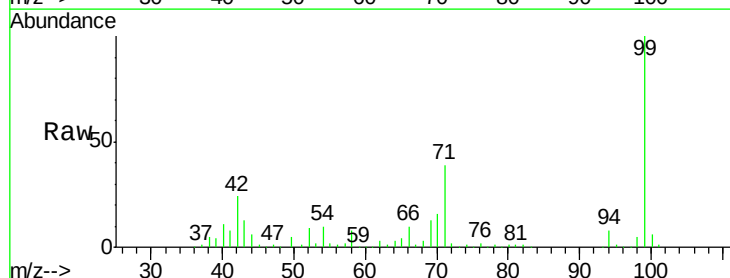
Tgt Ion: 99 Resp: 593178

Ion Ratio Lower Upper

99 100

42 24.3 13.7 20.5#

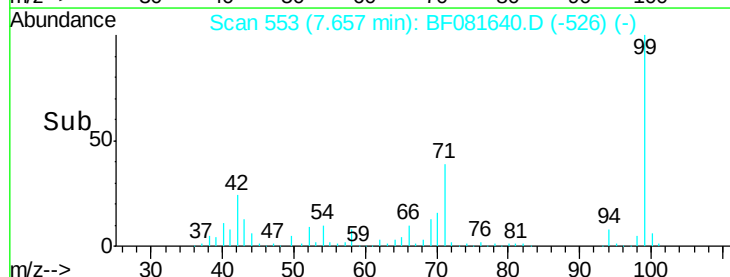
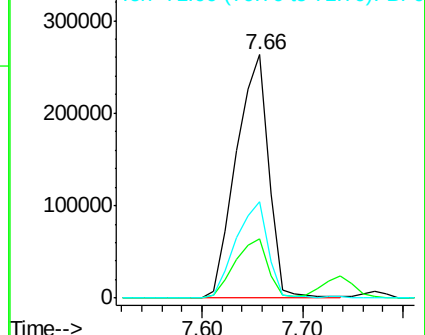
71 39.4 14.2 21.2#

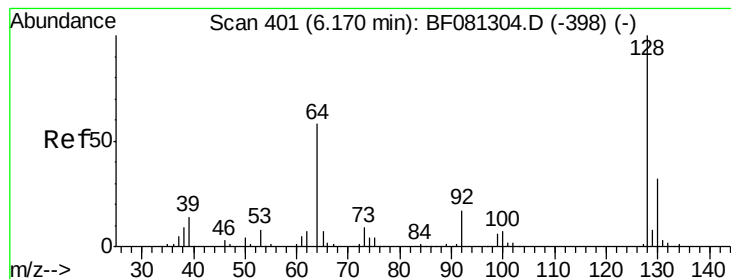


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 43.13 ng

RT: 7.77 min Scan# 563

Delta R.T. -0.00 min

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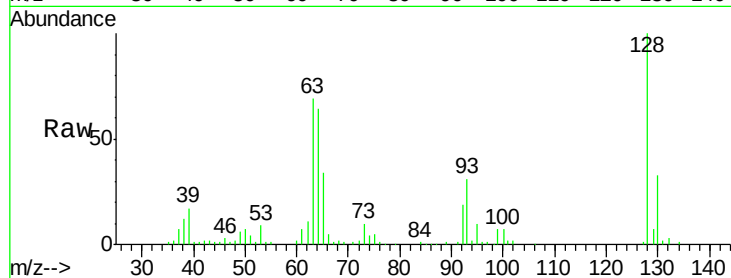
Tgt Ion: 128 Resp: 158857

Ion Ratio Lower Upper

128 100

130 33.3 12.2 52.2

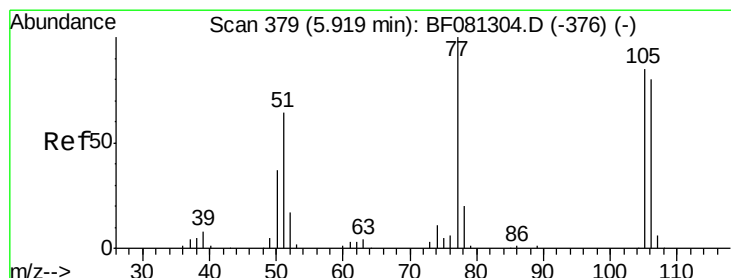
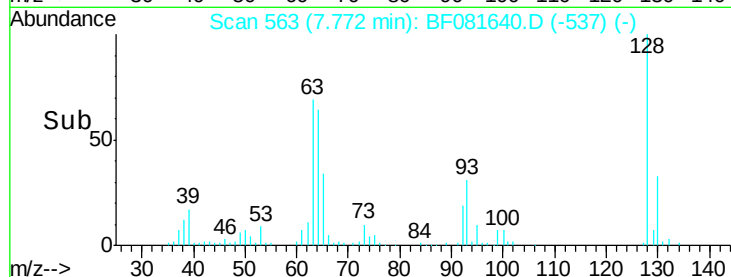
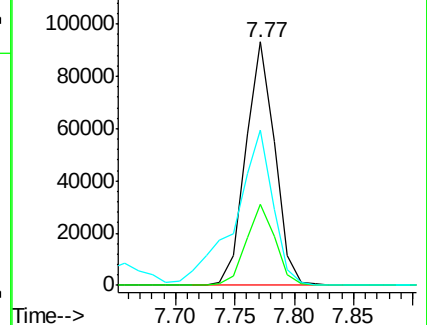
64 63.7 20.5 60.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 31.53 ng

RT: 7.23 min Scan# 516

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

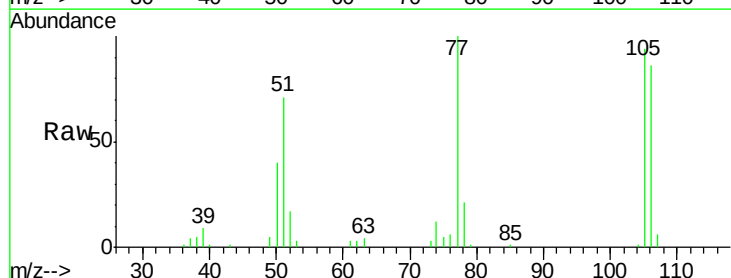
Tgt Ion: 77 Resp: 87407

Ion Ratio Lower Upper

77 100

105 93.6 91.6 131.6

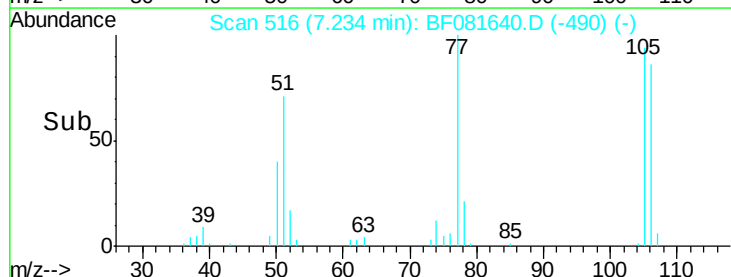
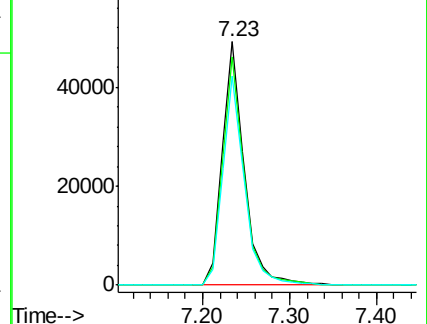
106 85.7 102.6 142.6#

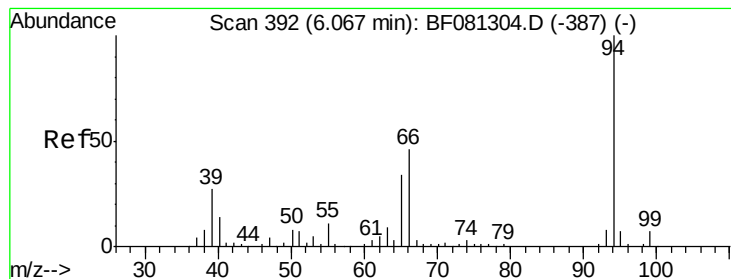


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 43.57 ng

RT: 7.68 min Scan# 555

Delta R.T. 0.01 min

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ClientSampled :

B-20MSD

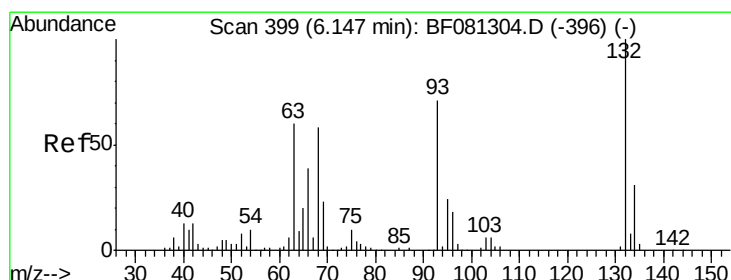
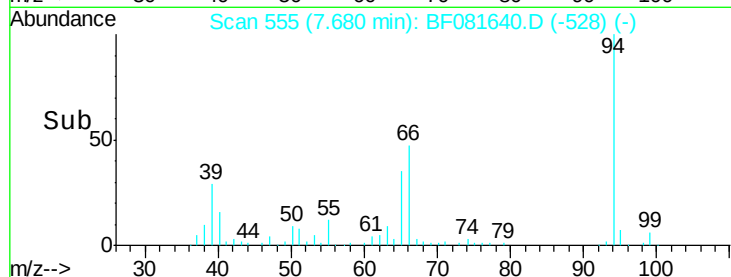
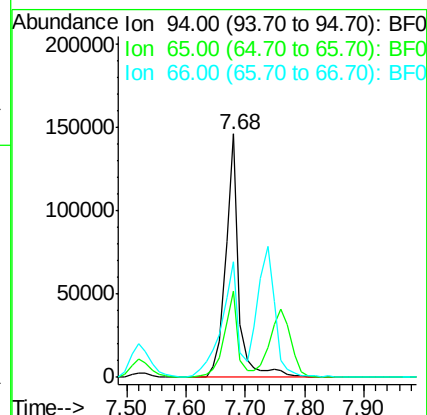
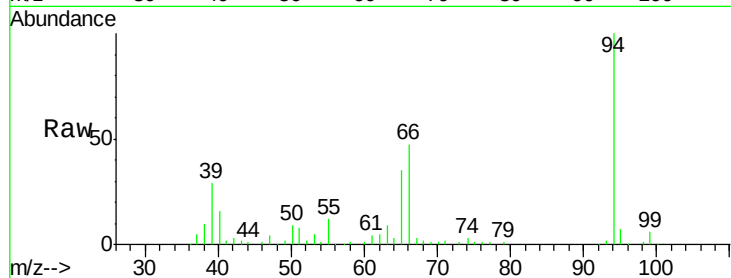
Tgt Ion: 94 Resp: 223519

Ion Ratio Lower Upper

94 100

65 35.5 0.7 40.7

66 47.5 0.8 40.8#



#11

bis(2-Chloroethyl)ether

Concen: 46.48 ng

RT: 7.76 min Scan# 562

Delta R.T. -0.00 min

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Acq: 15 Sep 2015 21:38

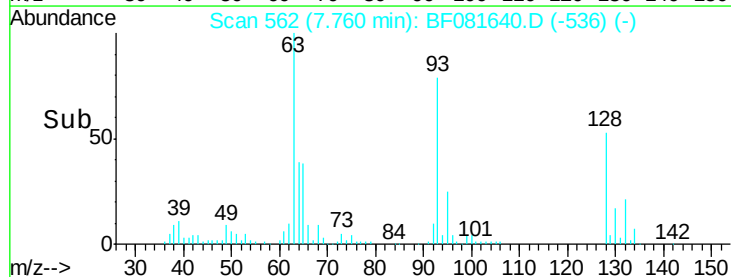
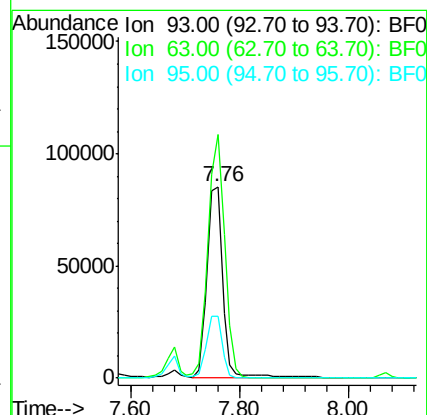
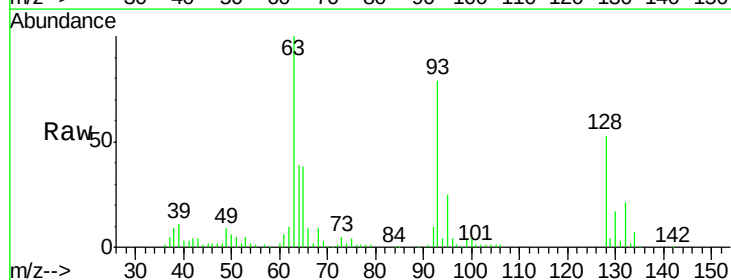
Tgt Ion: 93 Resp: 172041

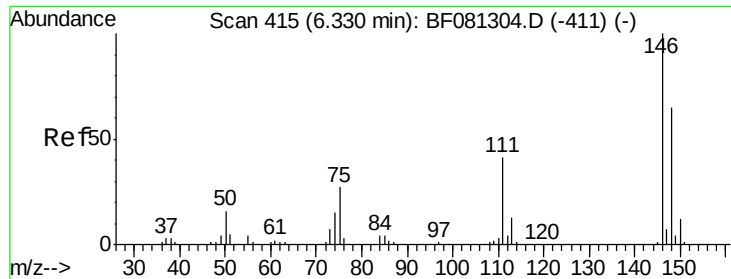
Ion Ratio Lower Upper

93 100

63 127.3 65.6 105.6#

95 32.3 13.6 53.6

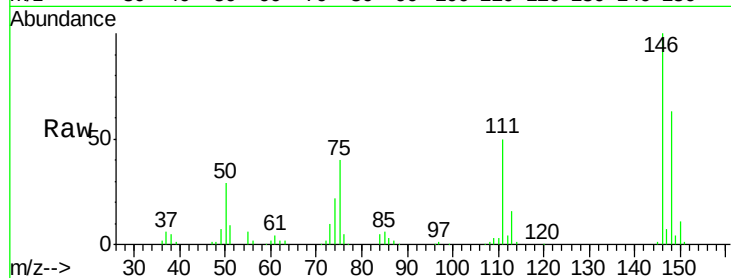




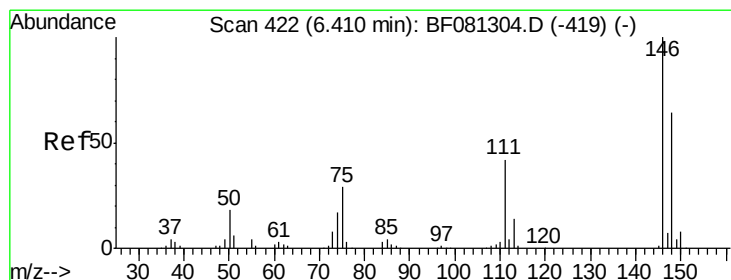
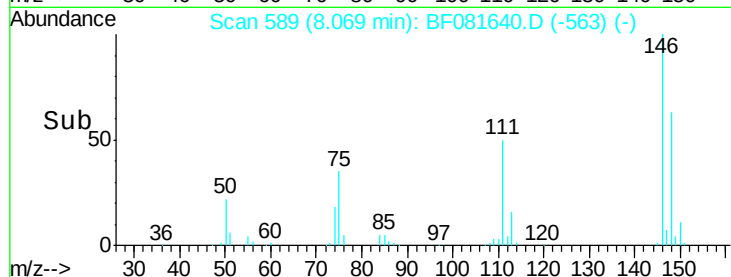
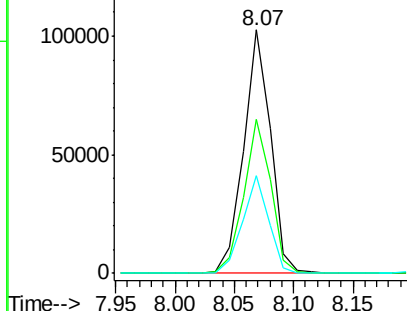
#12
 1,3-Dichlorobenzene
 Concen: 41.20 ng
 RT: 8.07 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Tgt Ion:146 Resp: 162122
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.0 76.4
 75 40.0 15.0 22.6#

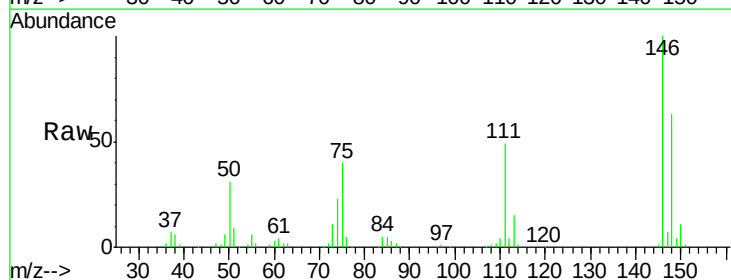


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

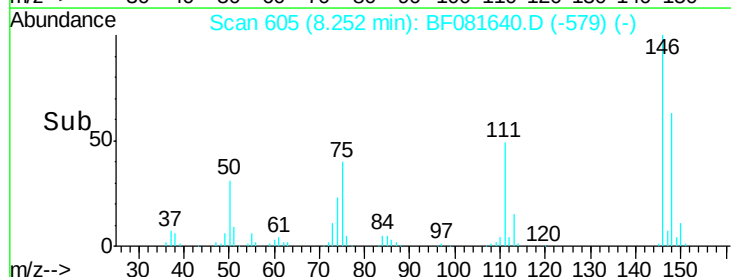
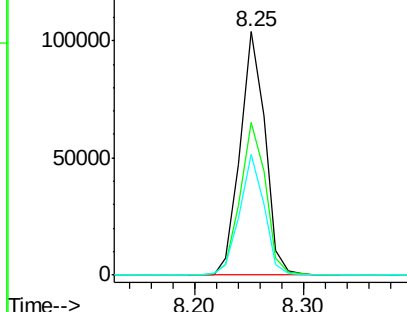


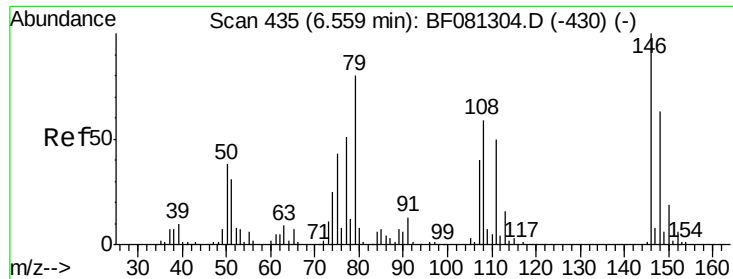
#13
 1,4-Dichlorobenzene
 Concen: 41.07 ng
 RT: 8.25 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion:146 Resp: 164562
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.8 77.6
 111 49.4 24.9 37.3#



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

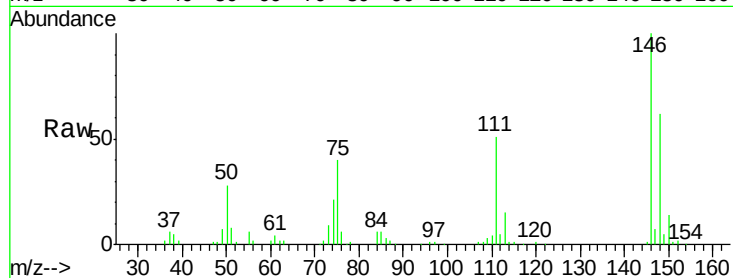




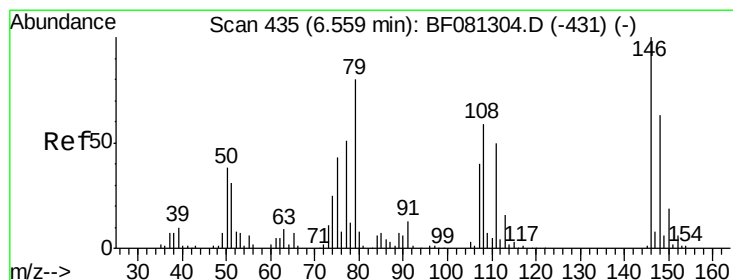
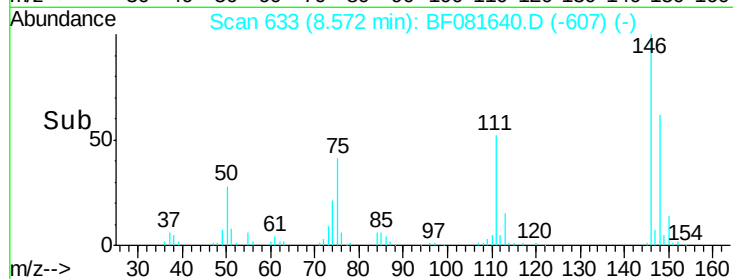
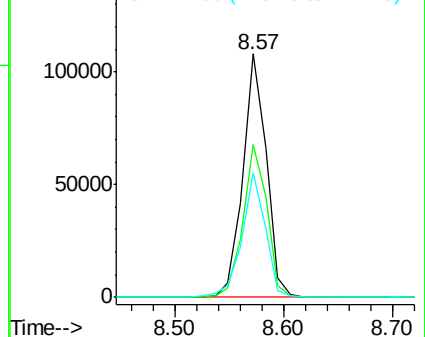
#14
 1,2-Dichlorobenzene
 Concen: 44.28 ng
 RT: 8.57 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Tgt Ion: 146 Resp: 159749
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.7 79.1
 111 51.2 28.8 43.2#

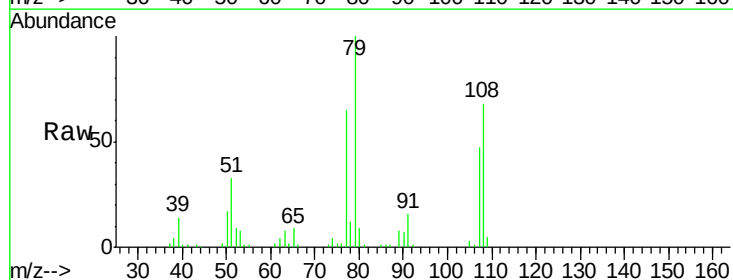


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

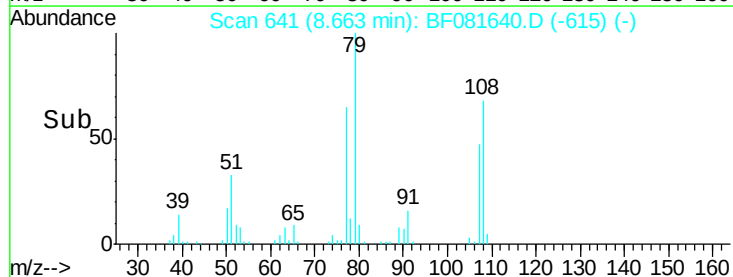
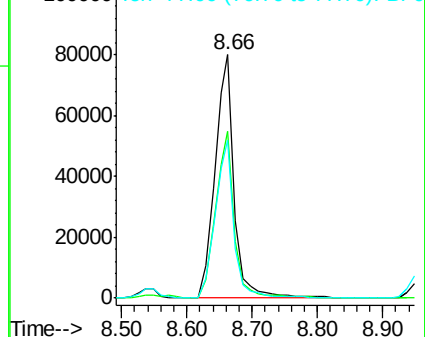


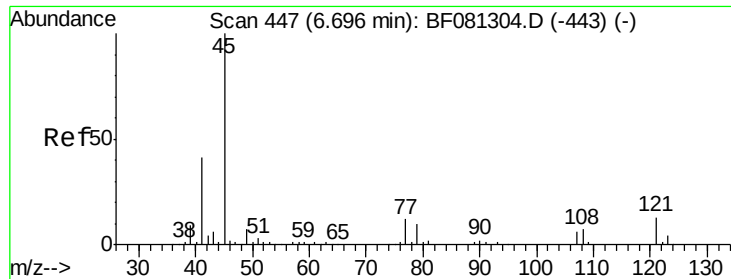
#15
 Benzyl Alcohol
 Concen: 45.27 ng
 RT: 8.66 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion: 79 Resp: 164288
 Ion Ratio Lower Upper
 79 100
 108 68.5 88.6 132.8#
 77 64.9 47.0 70.4



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

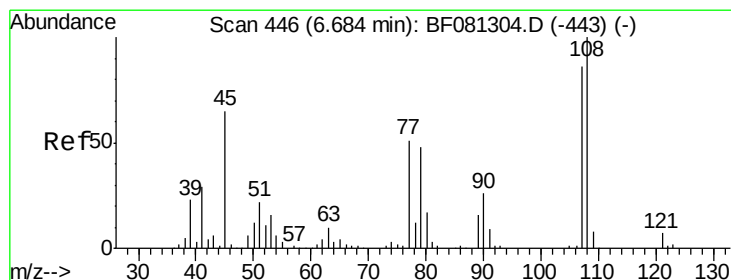
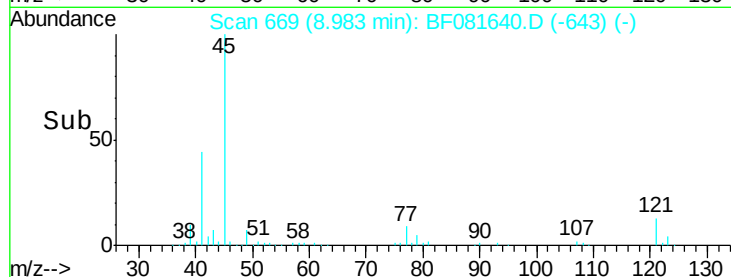
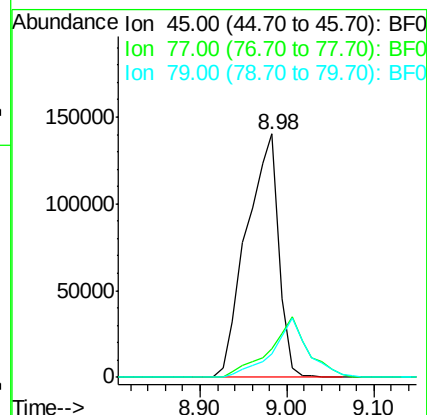
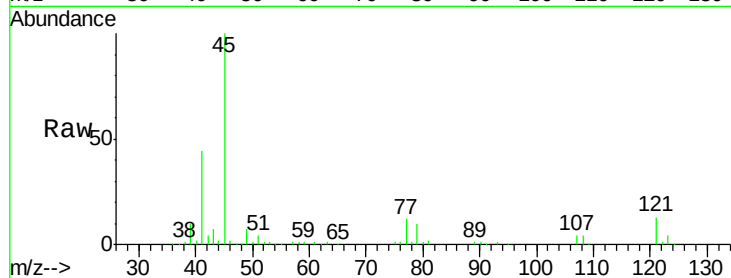




#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.18 ng
RT: 8.98 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

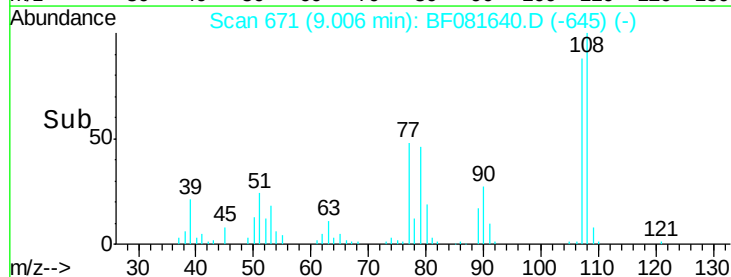
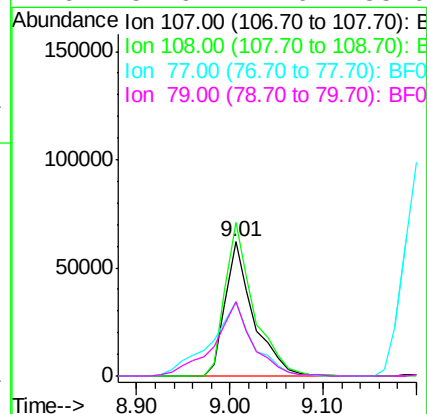
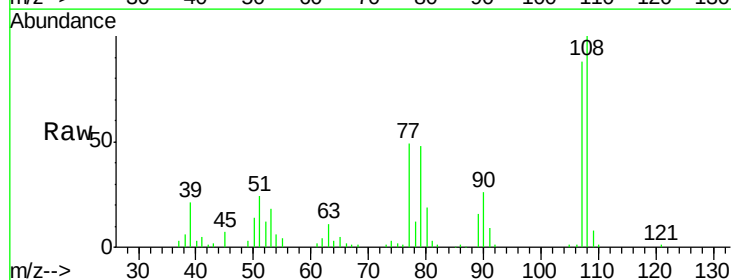
Instrument :
BNA_F
ClientSampleId :
B-20MSD

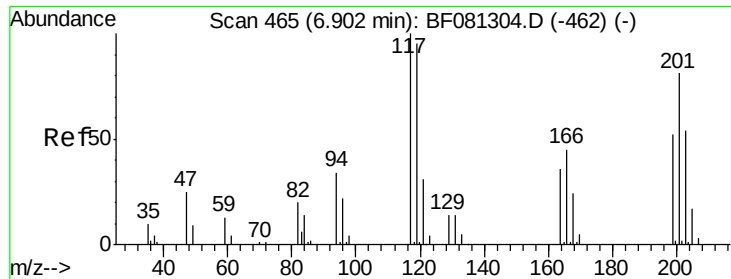
Tgt Ion: 45 Resp: 363124
Ion Ratio Lower Upper
45 100
77 11.8 0.0 28.1
79 9.6 0.0 26.0



#17
2-Methylphenol
Concen: 44.51 ng
RT: 9.01 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion: 107 Resp: 130794
Ion Ratio Lower Upper
107 100
108 114.2 96.6 145.0
77 55.8 23.3 34.9#
79 54.9 22.0 33.0#

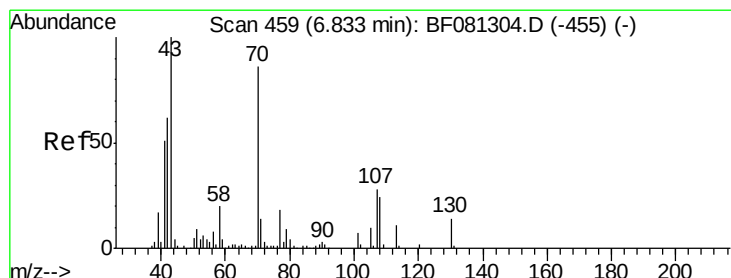
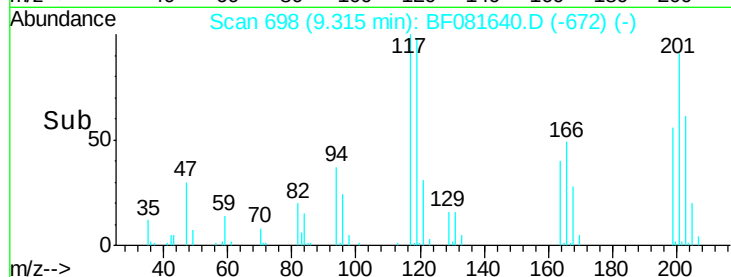
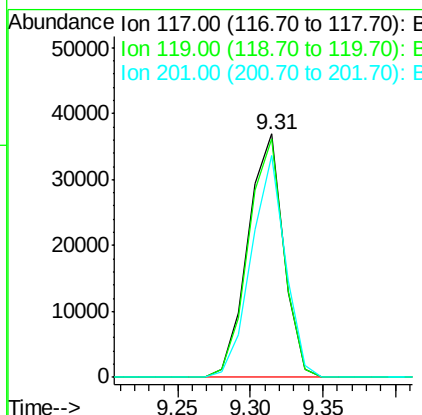
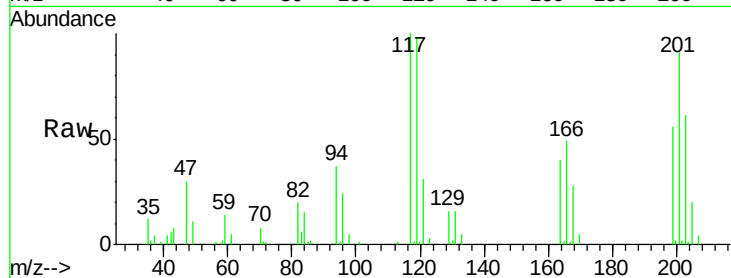




#18
Hexachloroethane
Concen: 40.21 ng
RT: 9.31 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

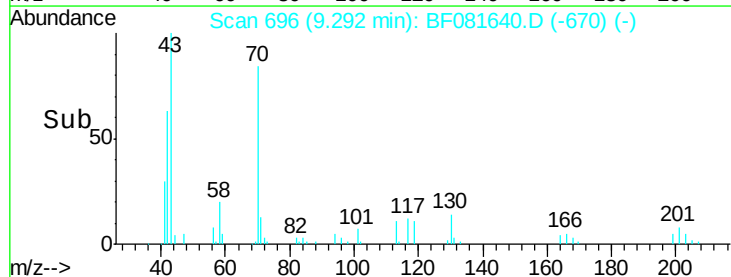
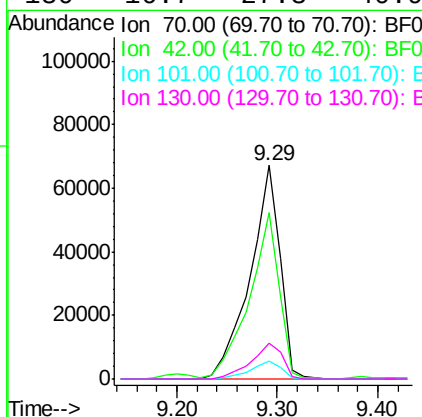
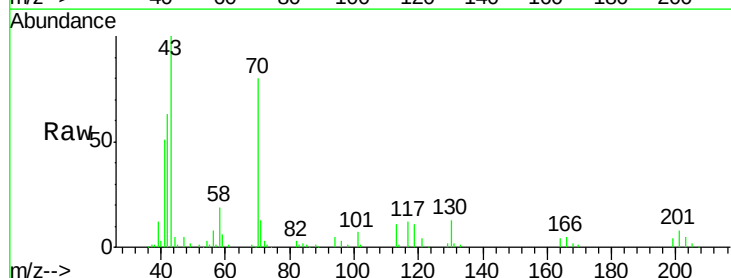
Instrument :
BNA_F
ClientSampleId :
B-20MSD

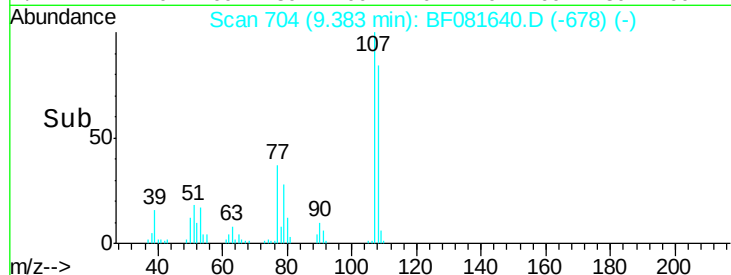
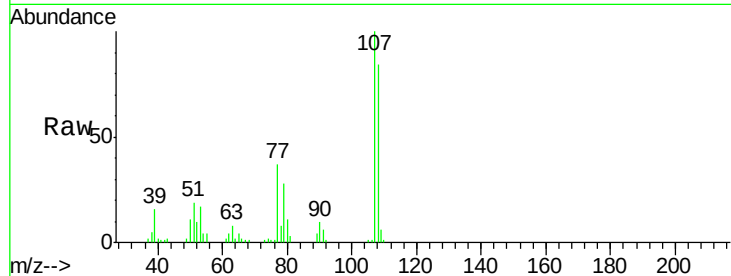
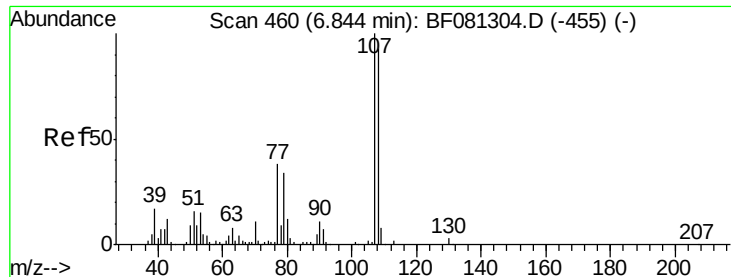
Tgt Ion: 117 Resp: 62676
Ion Ratio Lower Upper
117 100
119 97.7 83.8 125.6
201 91.2 55.1 82.7#



#19
n-Nitroso-di-n-propylamine
Concen: 46.22 ng
RT: 9.29 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion: 70 Resp: 139177
Ion Ratio Lower Upper
70 100
42 78.0 63.8 95.6
101 8.4 9.2 13.8#
130 16.7 27.3 40.9#





#20

3+4-Methylphenols

Concen: 44.14 ng

RT: 9.38 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

Tgt Ion:107 Resp: 174884

Ion Ratio Lower Upper

107 100

108 84.5 74.6 114.6

77 36.8 0.7 40.7

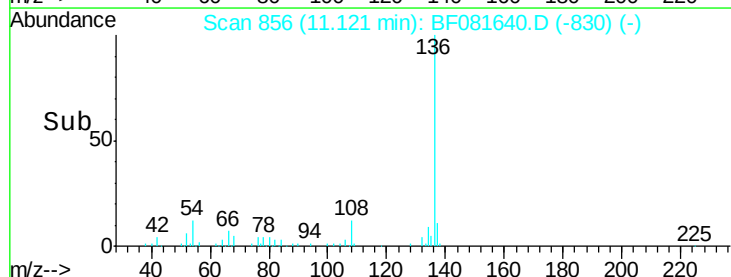
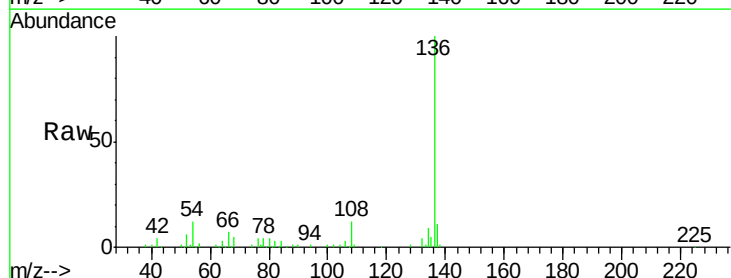
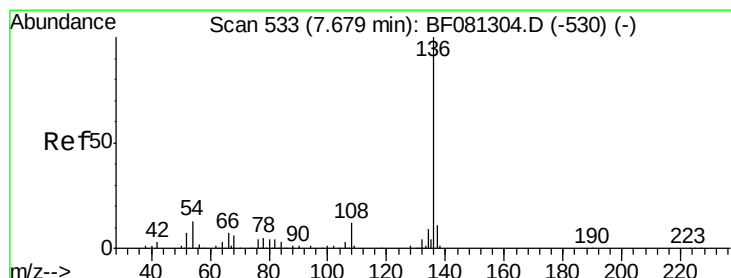
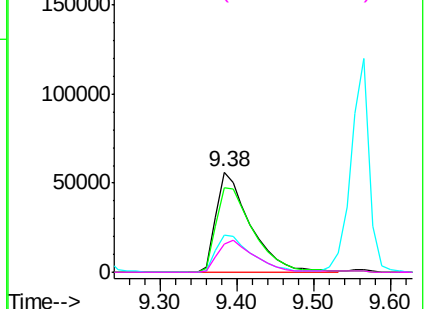
79 28.2 0.0 38.9

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Tgt Ion:136 Resp: 206584

Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 11.8 8.2 12.2

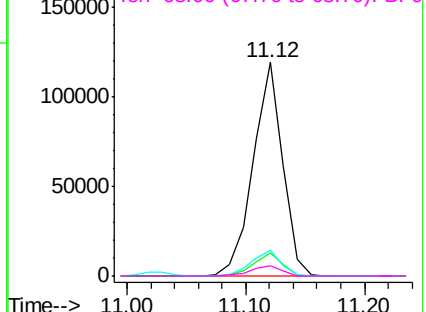
68 5.0 5.8 8.6#

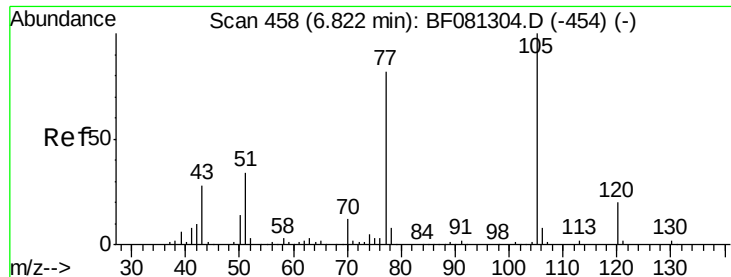
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 44.15 ng

RT: 9.20 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

Tgt Ion: 105 Resp: 249095

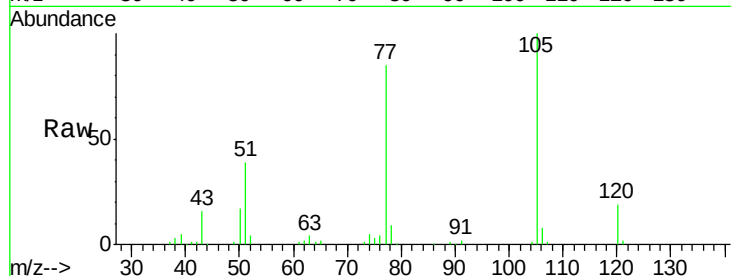
Ion Ratio Lower Upper

105 100

71 0.0 4.7 7.1#

51 39.2 22.0 33.0#

120 18.9 30.1 45.1#

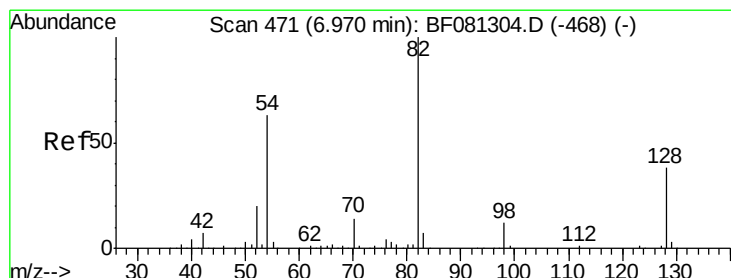
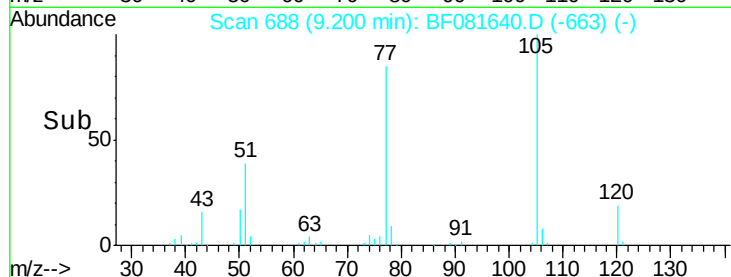
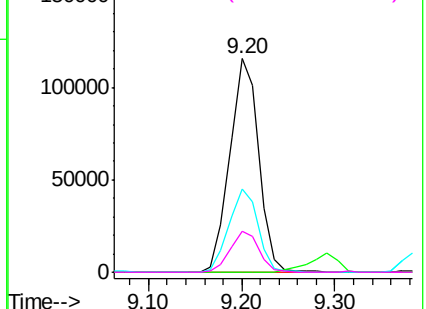


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 91.46 ng

RT: 9.52 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

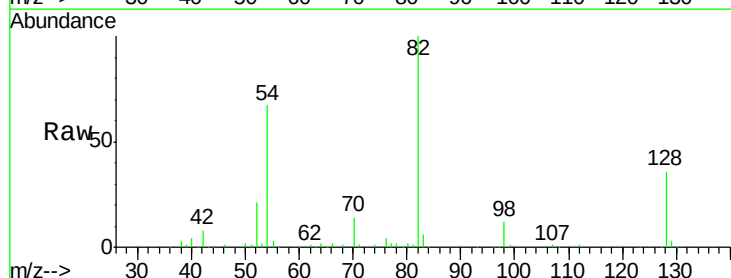
Tgt Ion: 82 Resp: 391630

Ion Ratio Lower Upper

82 100

128 36.2 51.0 76.6#

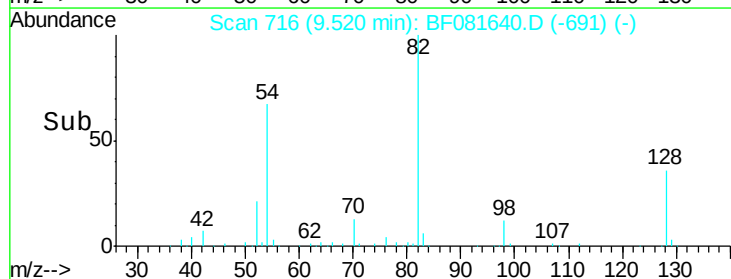
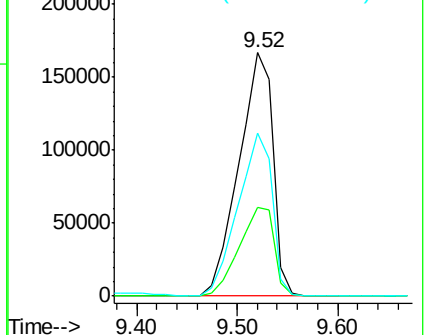
54 67.0 47.5 71.3

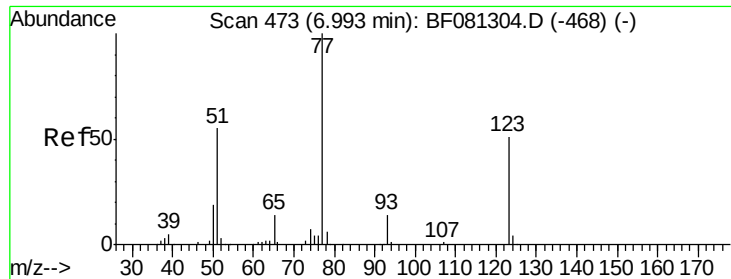


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

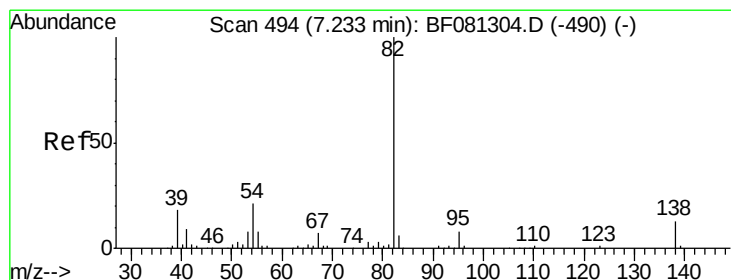
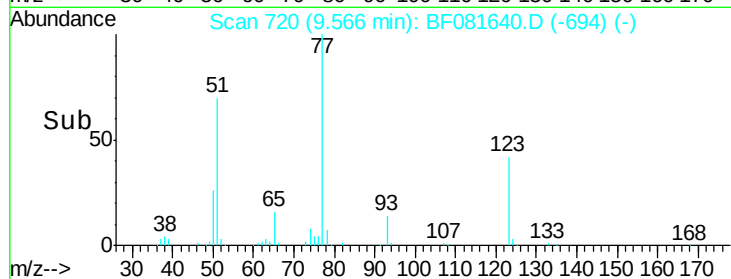
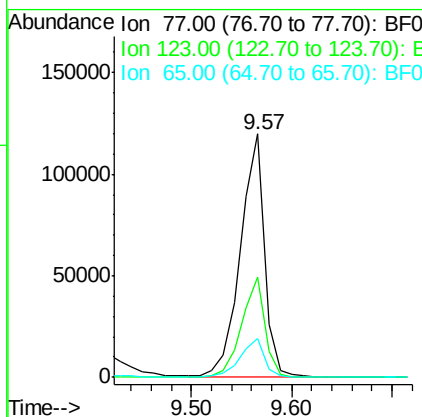
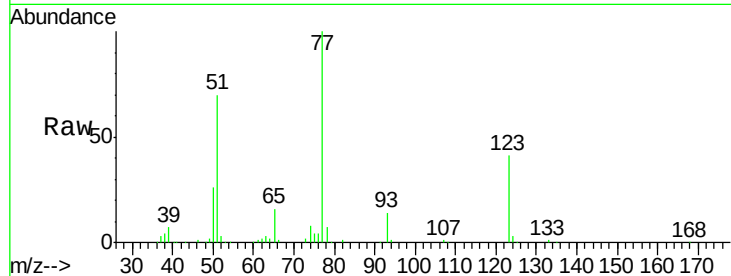




#24
 Nitrobenzene
 Concen: 45.11 ng
 RT: 9.57 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

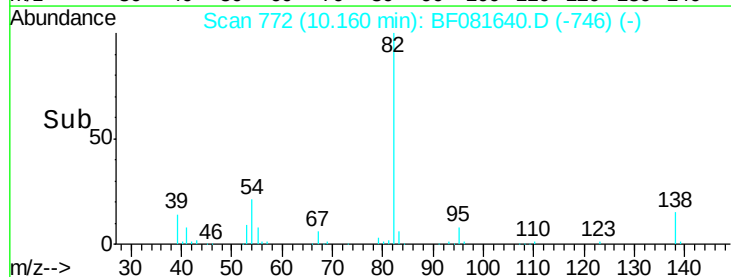
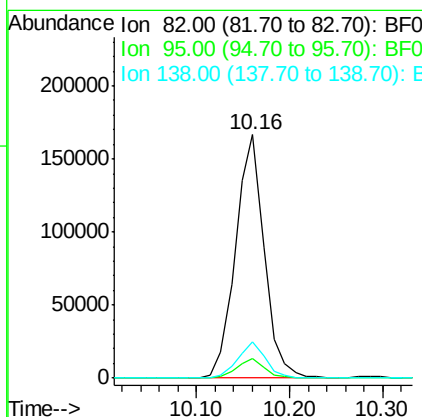
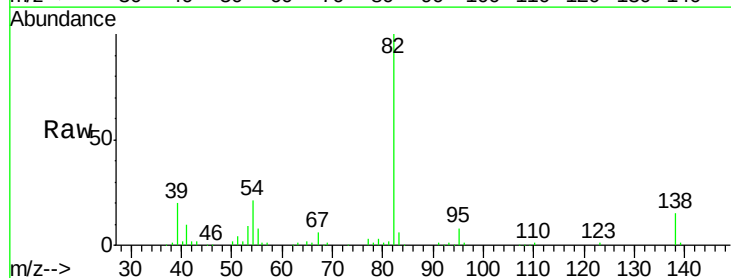
Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

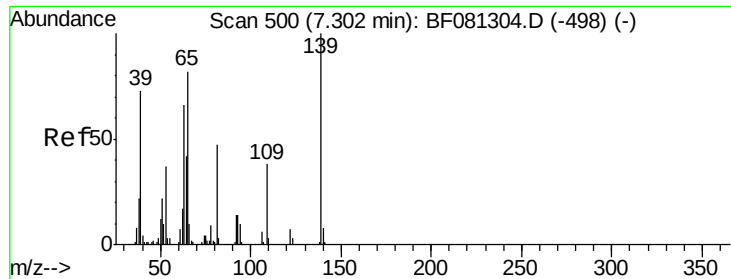
Tgt Ion: 77 Resp: 200583
 Ion Ratio Lower Upper
 77 100
 123 41.4 59.8 89.8#
 65 16.1 10.2 15.4#



#25
 Isophorone
 Concen: 44.77 ng
 RT: 10.16 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion: 82 Resp: 356528
 Ion Ratio Lower Upper
 82 100
 95 7.9 4.0 6.0#
 138 15.1 18.3 27.5#





#26

2-Nitrophenol

Concen: 41.28 ng

RT: 10.30 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

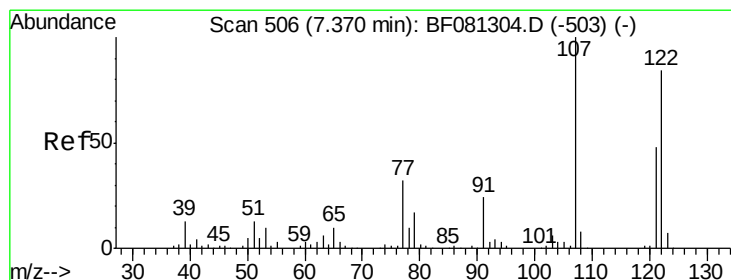
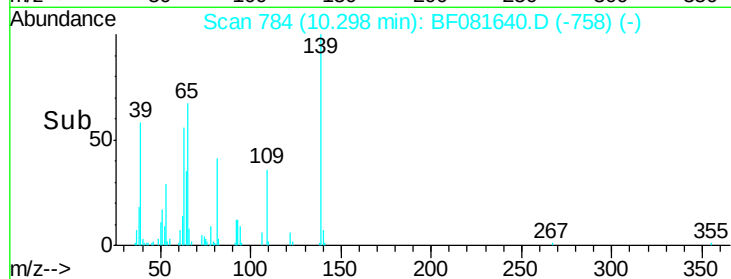
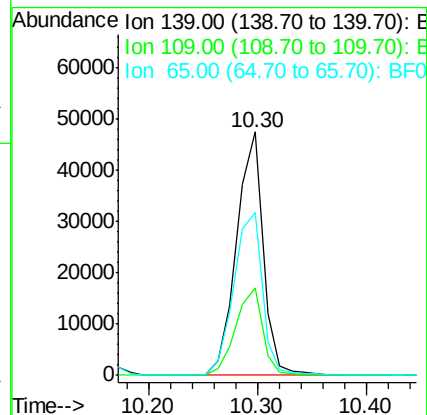
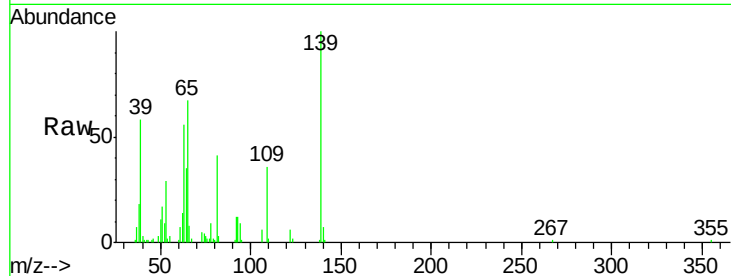
Tgt Ion:139 Resp: 80009

Ion Ratio Lower Upper

139 100

109 36.0 11.0 16.4#

65 67.1 24.7 37.1#



#27

2,4-Dimethylphenol

Concen: 43.51 ng

RT: 10.57 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

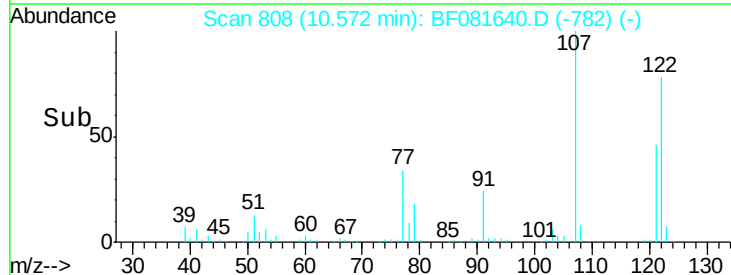
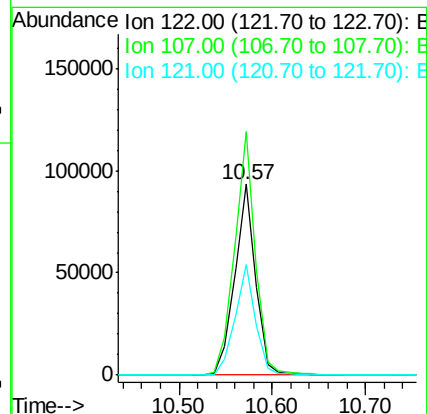
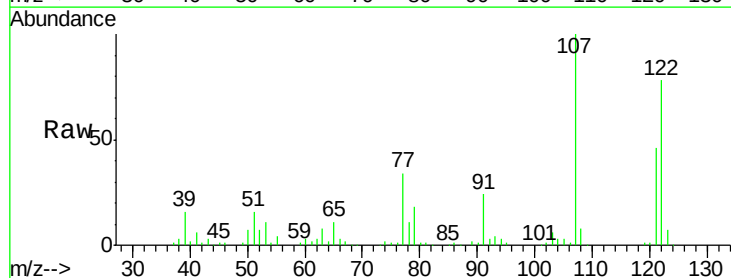
Tgt Ion:122 Resp: 145647

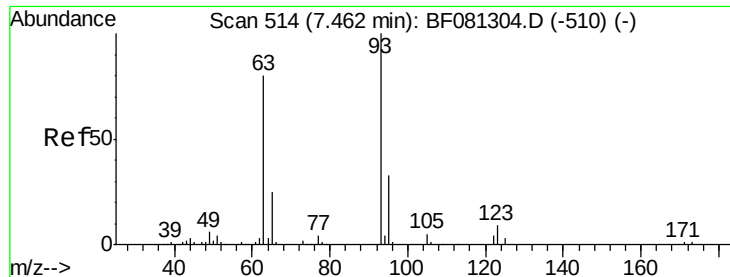
Ion Ratio Lower Upper

122 100

107 127.6 71.8 107.6#

121 58.2 42.3 63.5

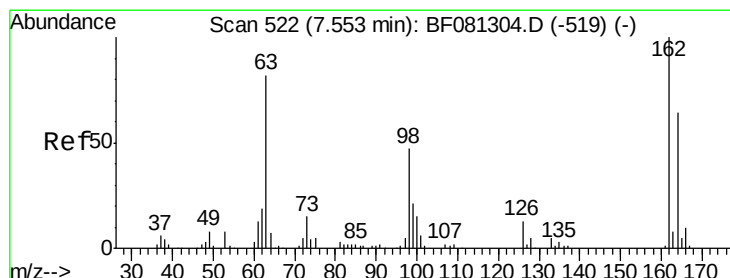
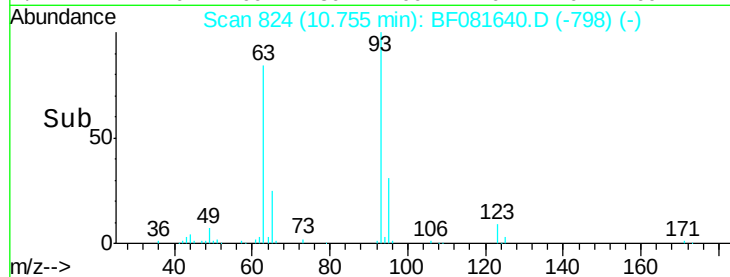
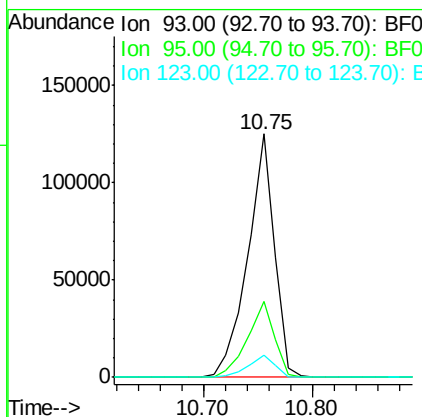
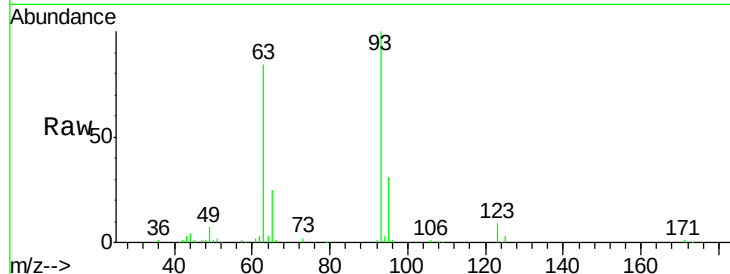




#28
bis(2-Chloroethoxy)methane
Concen: 46.49 ng
RT: 10.75 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

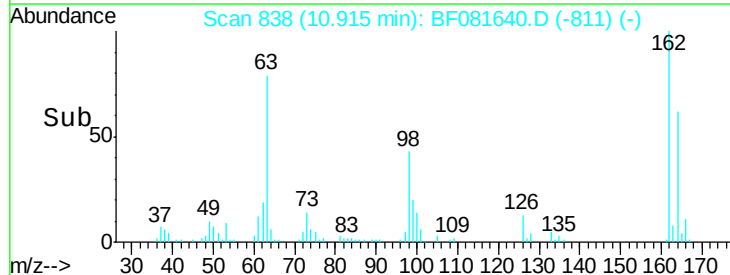
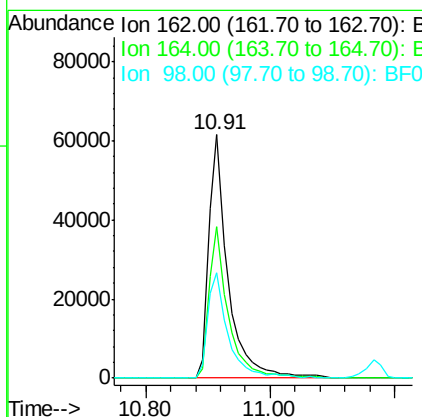
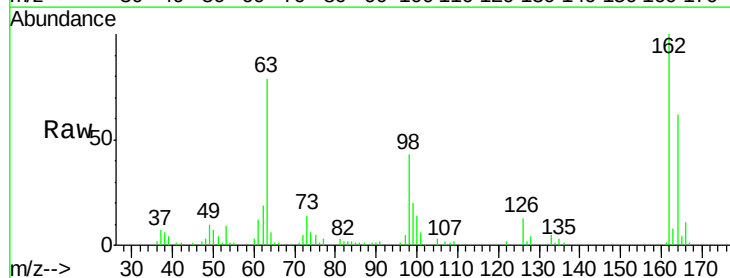
Instrument :
BNA_F
ClientSampleId :
B-20MSD

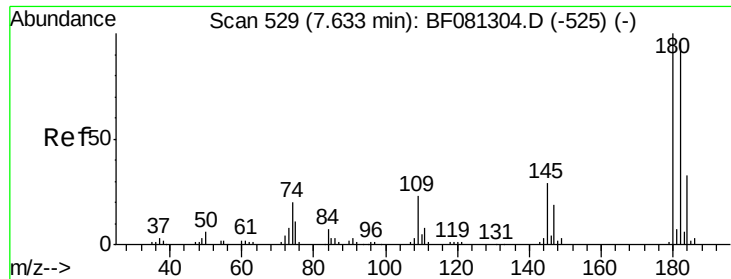
Tgt Ion: 93 Resp: 213861
Ion Ratio Lower Upper
93 100
95 31.4 27.5 41.3
123 9.1 13.7 20.5#



#29
2,4-Dichlorophenol
Concen: 44.96 ng
RT: 10.91 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion: 162 Resp: 130510
Ion Ratio Lower Upper
162 100
164 62.1 44.9 84.9
98 43.5 13.0 53.0

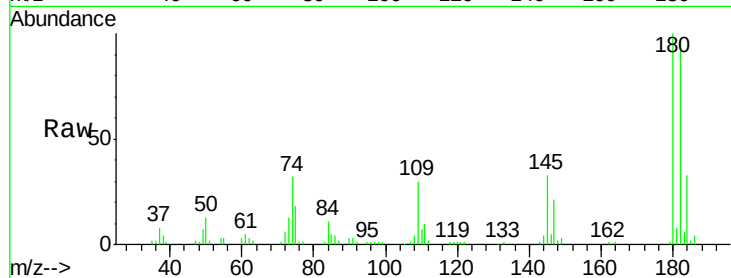




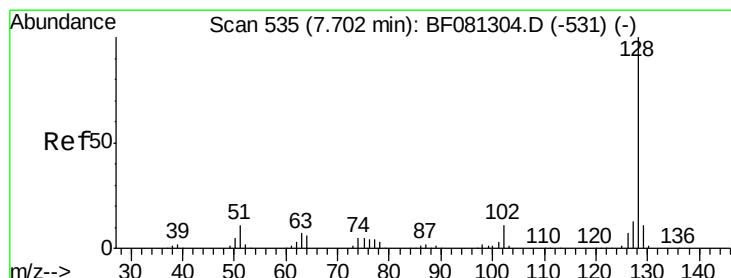
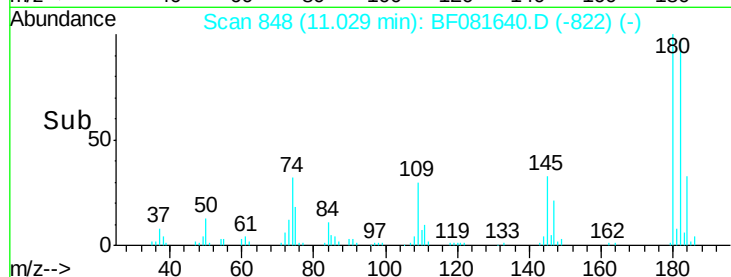
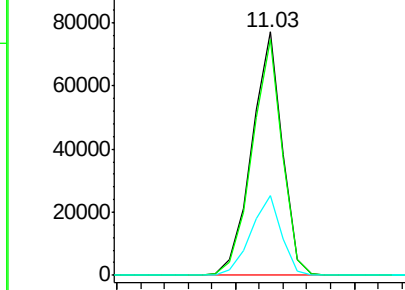
#30
 1,2,4-Trichlorobenzene
 Concen: 43.46 ng
 RT: 11.03 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Tgt Ion:180 Resp: 137032
 Ion Ratio Lower Upper
 180 100
 182 96.8 77.1 115.7
 145 32.7 23.3 34.9

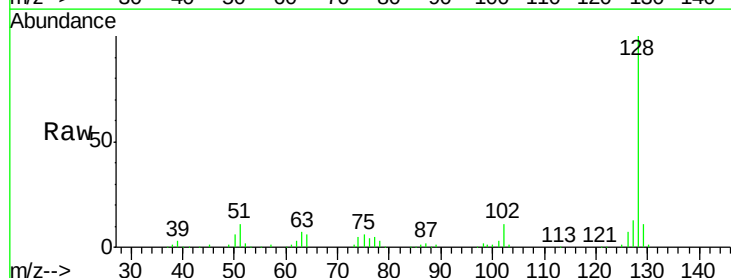


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

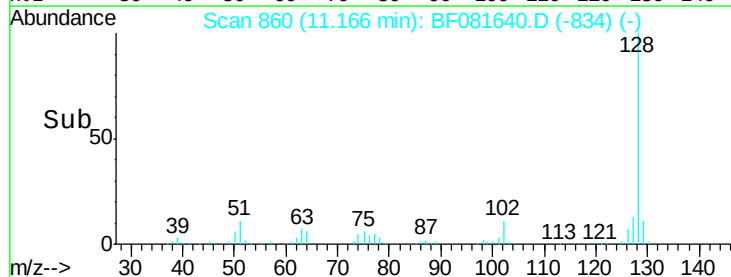
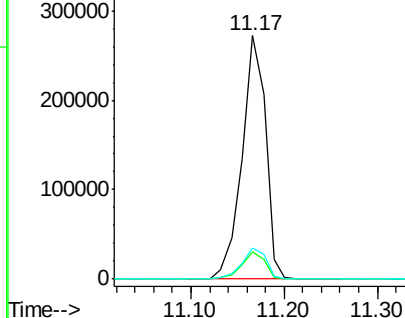


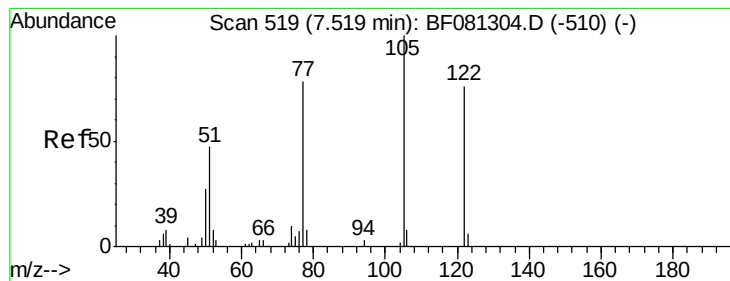
#31
 Naphthalene
 Concen: 43.34 ng
 RT: 11.17 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion:128 Resp: 477521
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.4 12.6
 127 12.9 9.9 14.9



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





#32

Benzoic acid

Concen: 3.08 ng

RT: 11.03 min Scan# 848

Delta R.T. -0.06 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

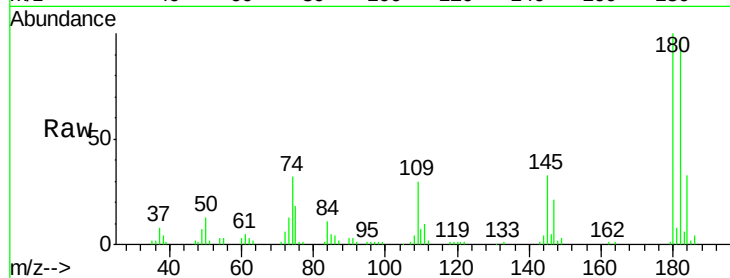
Tgt Ion:122 Resp: 1350

Ion Ratio Lower Upper

122 100

105 43.9 76.1 116.1#

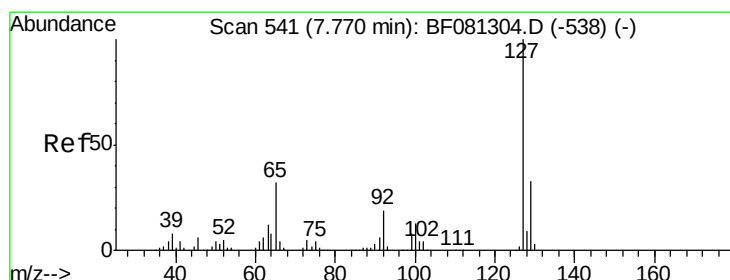
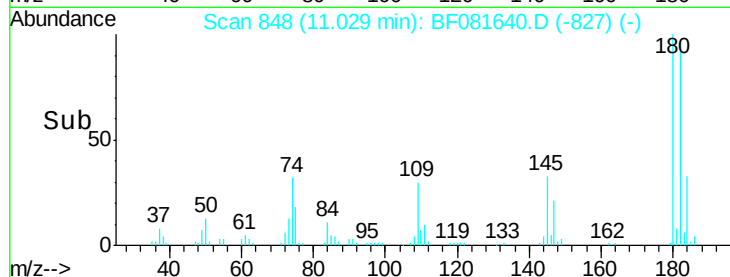
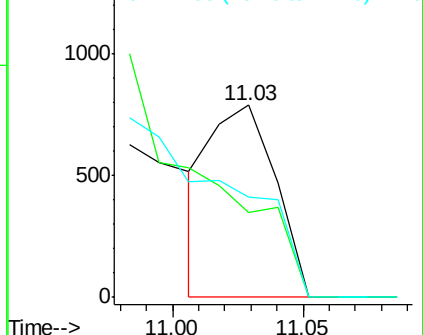
77 52.2 40.5 80.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#33

4-Chloroaniline

Concen: 10.98 ng

RT: 11.41 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Tgt Ion:127 Resp: 49354

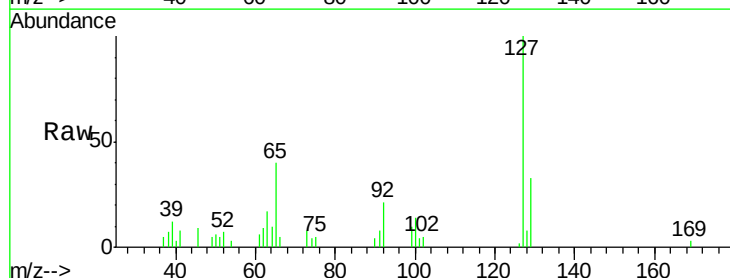
Ion Ratio Lower Upper

127 100

129 32.8 25.8 38.6

65 39.8 17.9 26.9#

92 21.2 10.5 15.7#

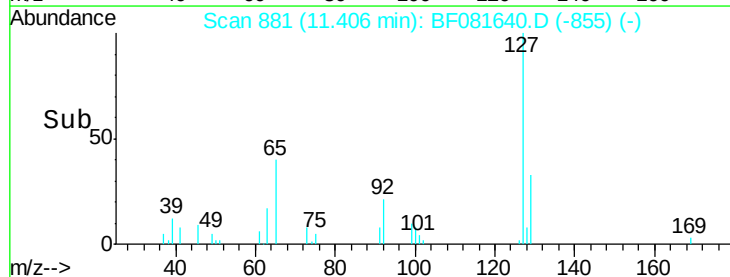
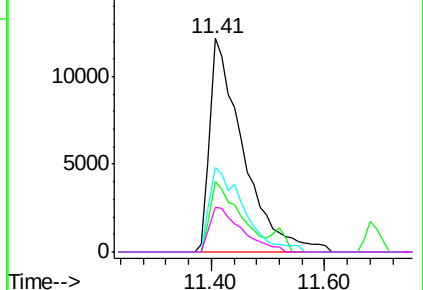


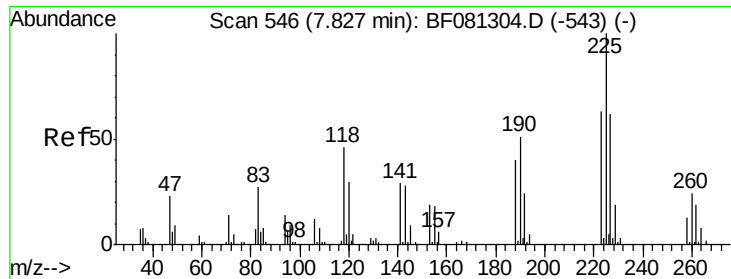
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

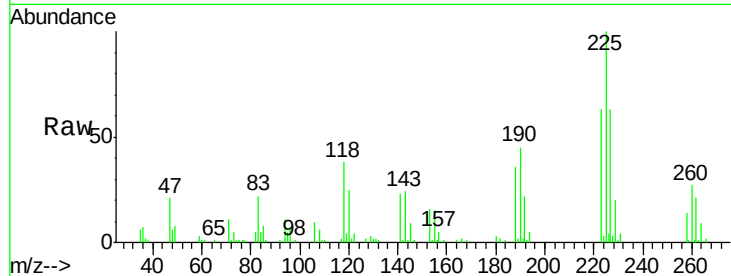




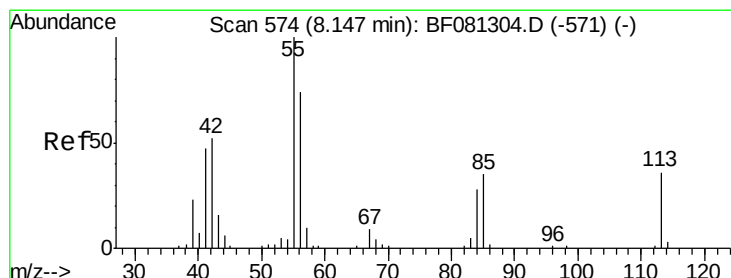
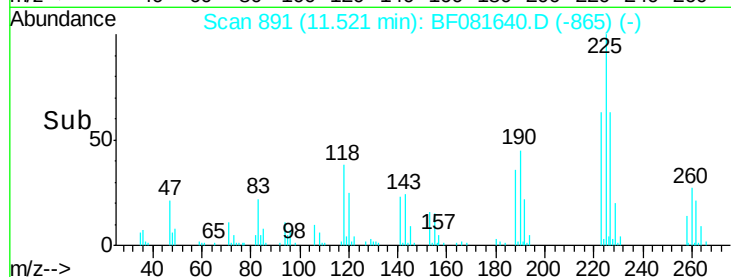
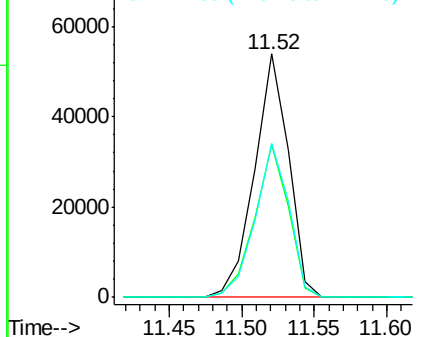
#34
Hexachlorobutadiene
Concen: 45.73 ng
RT: 11.52 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Instrument :
BNA_F
ClientSampleId :
B-20MSD

Tgt Ion: 225 Resp: 87764
Ion Ratio Lower Upper
225 100
223 62.6 50.2 75.2
227 63.3 52.2 78.2

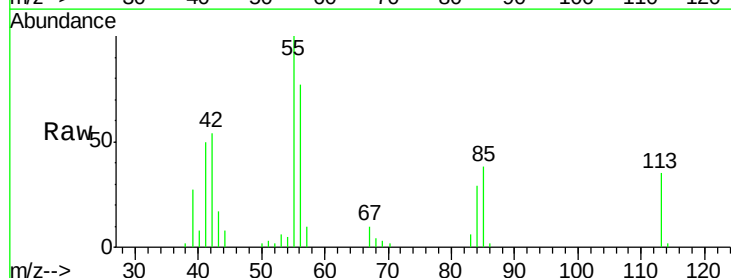


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

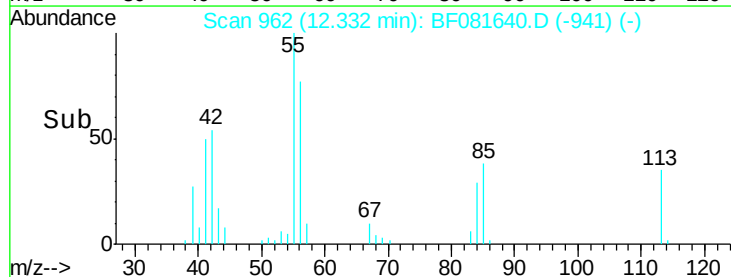
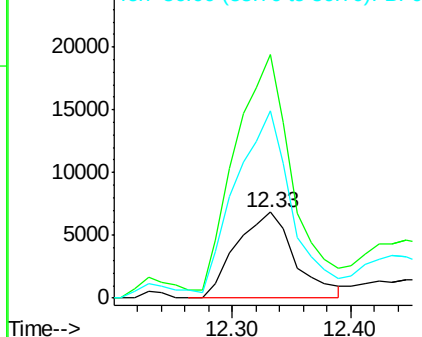


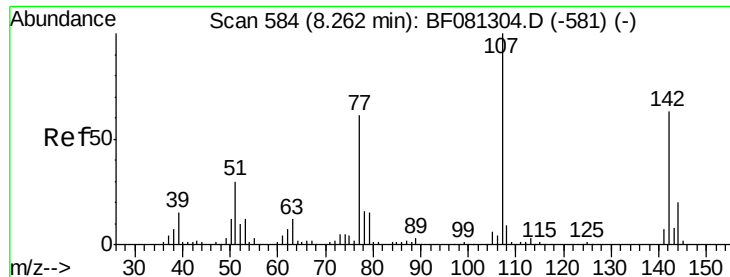
#35
Caprolactam
Concen: 26.33 ng
RT: 12.33 min Scan# 962
Delta R.T. -0.06 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion: 113 Resp: 23437
Ion Ratio Lower Upper
113 100
55 284.2 152.4 192.4#
56 218.6 104.6 144.6#



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

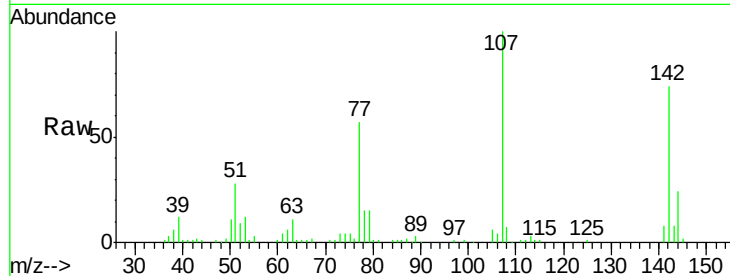




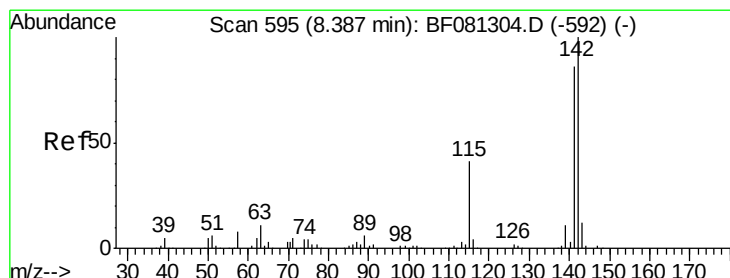
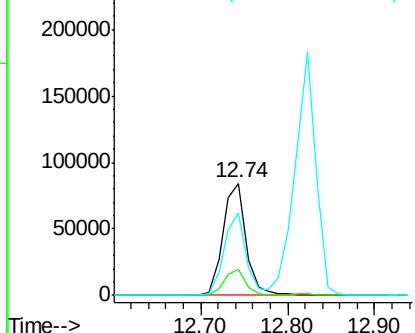
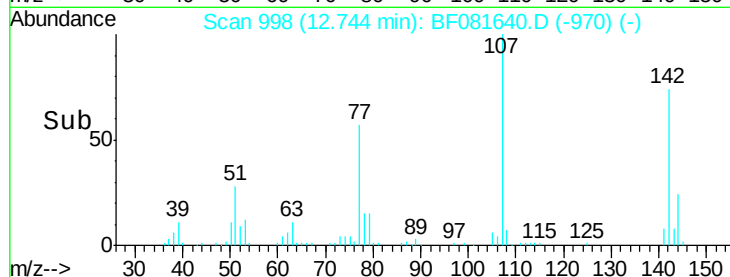
#36
 4-Chloro-3-methylphenol
 Concen: 47.80 ng
 RT: 12.74 min Scan# 998
 Delta R.T. 0.02 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Tgt Ion:107 Resp: 155305
 Ion Ratio Lower Upper
 107 100
 144 23.7 25.4 38.0#
 142 73.7 77.3 115.9#

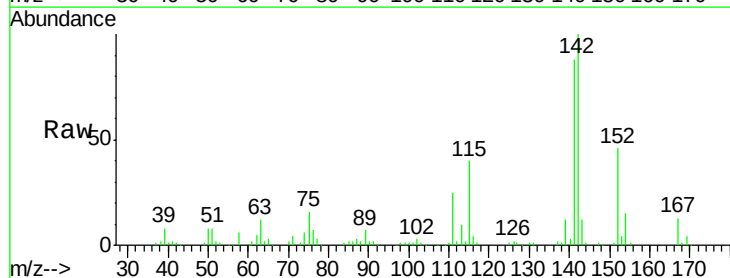


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

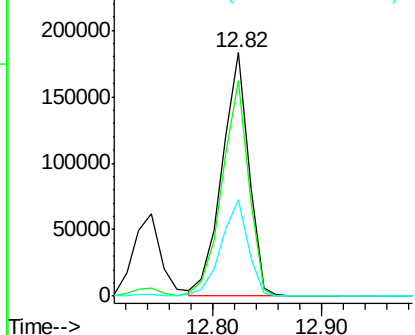
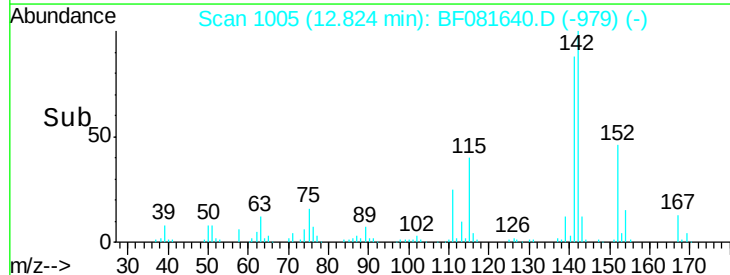


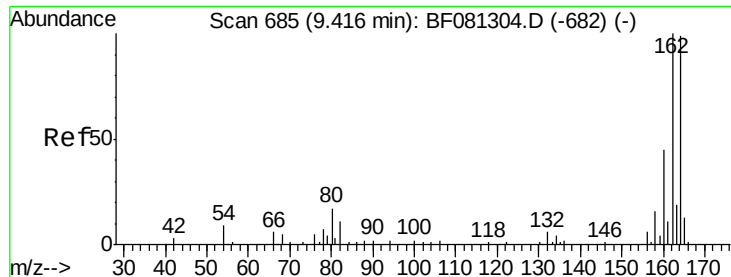
#37
 2-Methylnaphthalene
 Concen: 43.47 ng
 RT: 12.82 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion:142 Resp: 311691
 Ion Ratio Lower Upper
 142 100
 141 88.3 67.5 101.3
 115 39.8 18.2 27.2#



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: 15.26 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

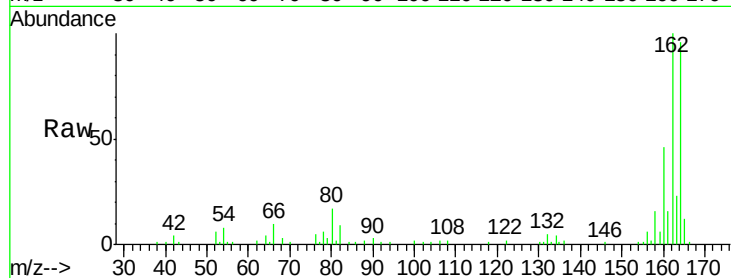
Tgt Ion:164 Resp: 94102

Ion Ratio Lower Upper

164 100

162 104.4 75.2 112.8

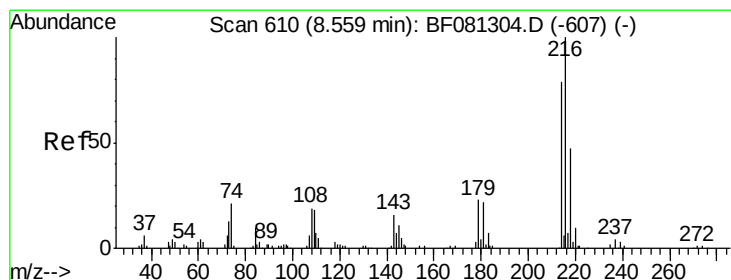
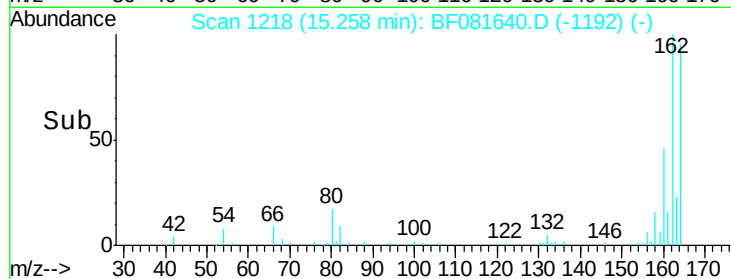
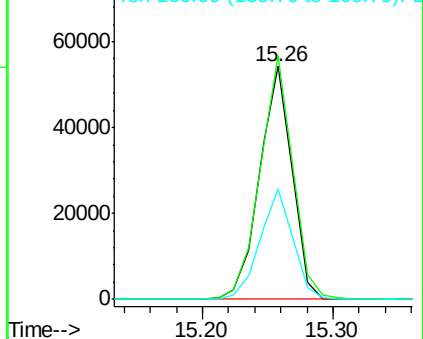
160 47.6 31.5 47.3#



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: 45.68 ng

RT: 13.23 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Tgt Ion:216 Resp: 135953

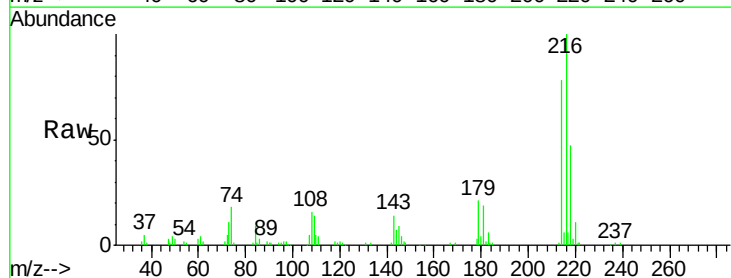
Ion Ratio Lower Upper

216 100

214 77.6 63.5 95.3

179 22.4 16.6 24.8

108 20.3 16.3 24.5

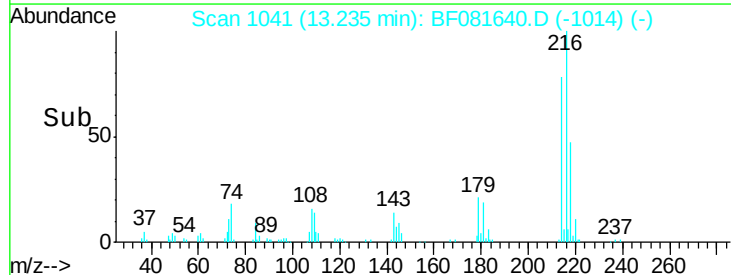
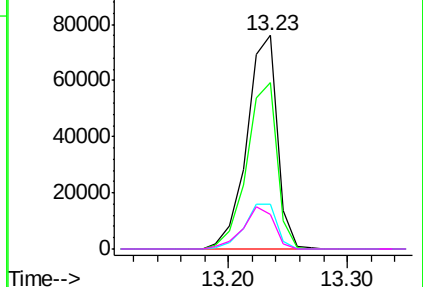


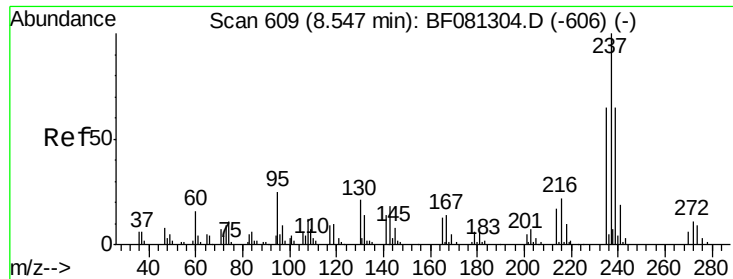
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 23.86 ng

RT: 13.21 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

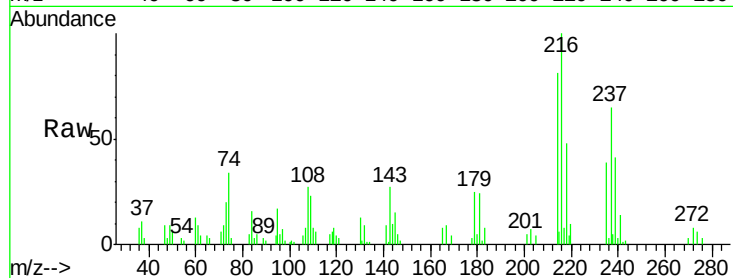
Tgt Ion: 237 Resp: 34848

Ion Ratio Lower Upper

237 100

235 60.4 42.0 82.0

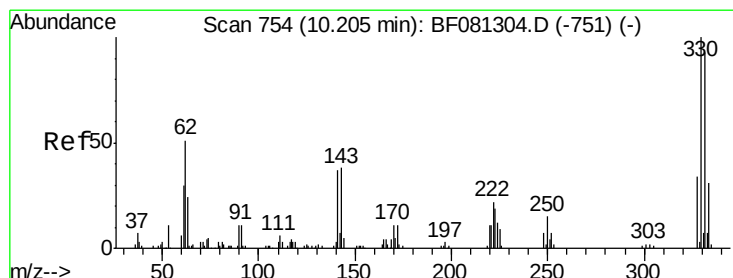
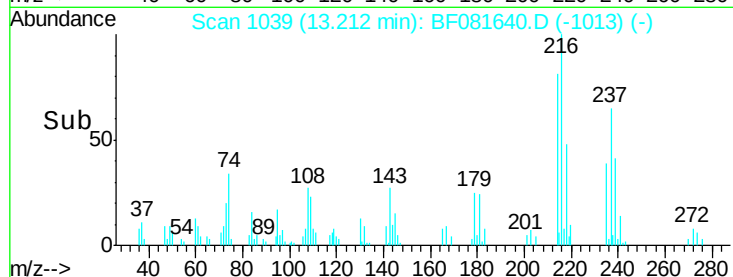
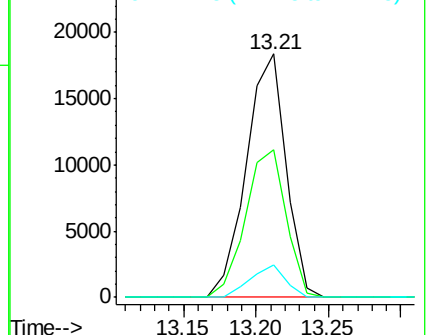
272 13.1 0.0 36.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 131.33 ng

RT: 17.17 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

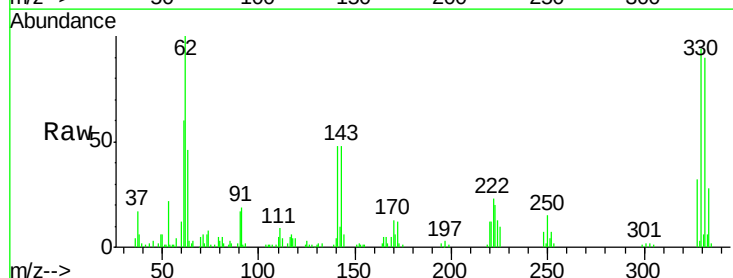
Tgt Ion: 330 Resp: 110043

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

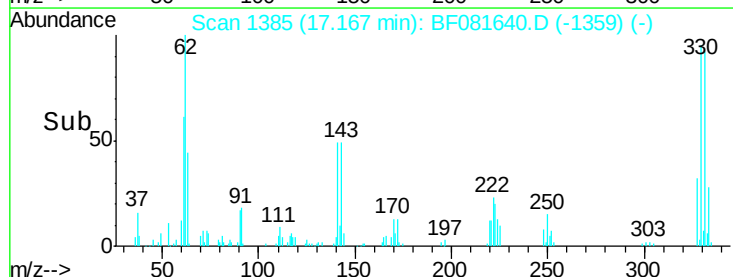
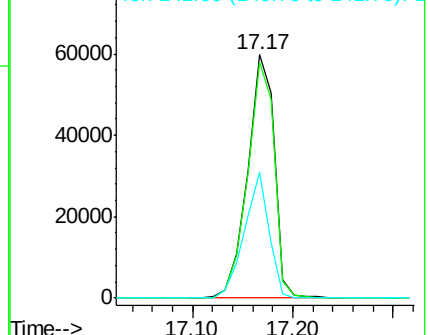
141 47.4 29.7 44.5#

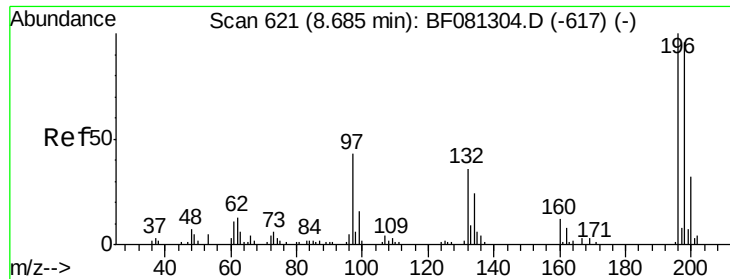


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

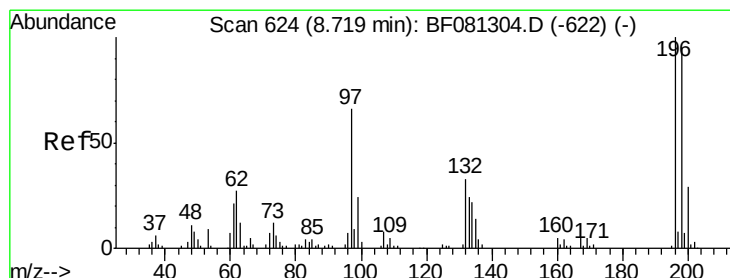
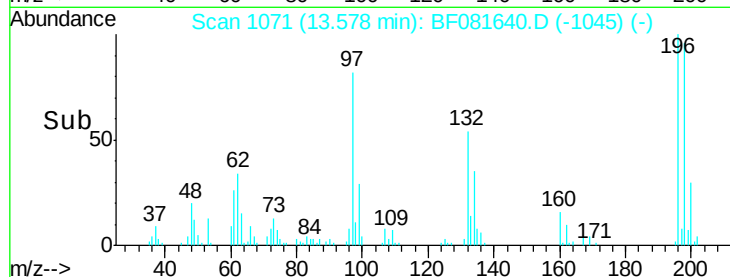
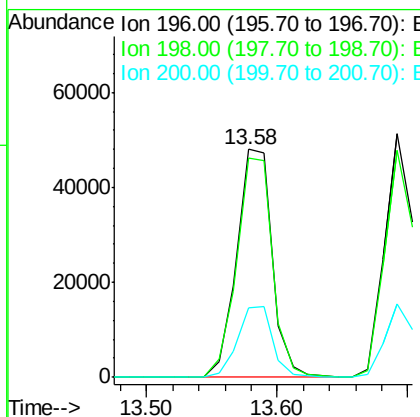
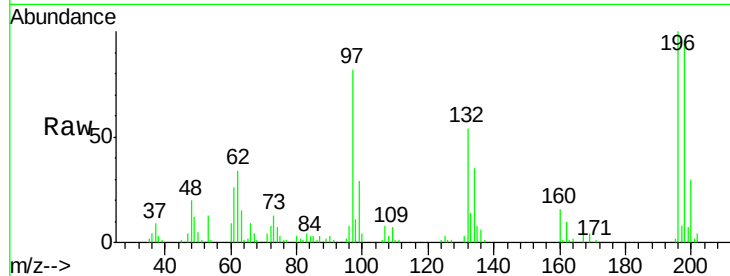




#42
 2,4,6-Trichlorophenol
 Concen: 44.06 ng
 RT: 13.58 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

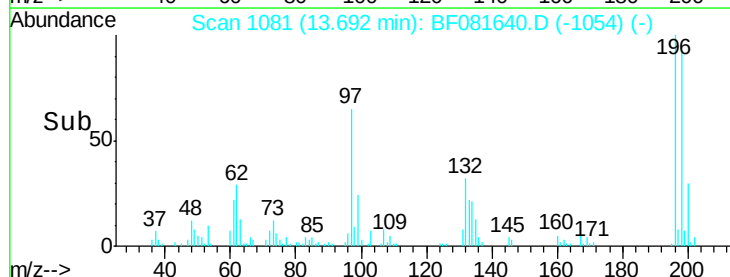
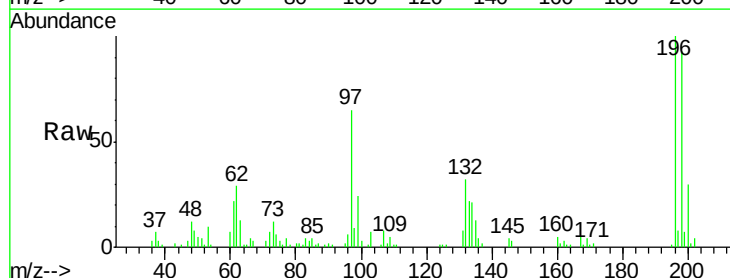
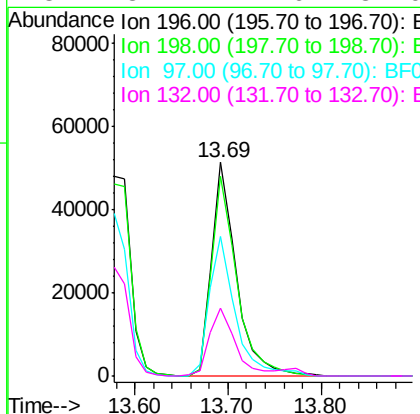
Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

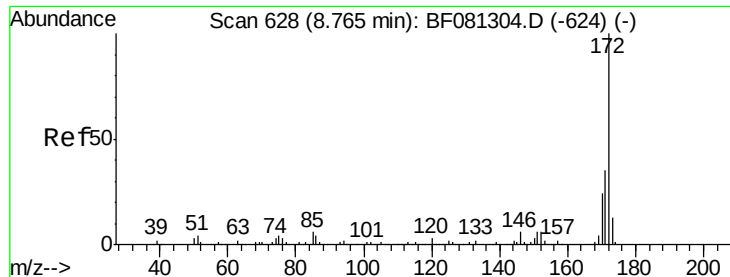
Tgt Ion:196 Resp: 90494
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 30.3 23.9 35.9



#43
 2,4,5-Trichlorophenol
 Concen: 45.35 ng
 RT: 13.69 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion:196 Resp: 95032
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.4 113.0
 97 65.3 33.3 49.9#
 132 32.1 24.6 37.0





#44

2-Fluorobiphenyl

Concen: 83.45 ng

RT: 13.77 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

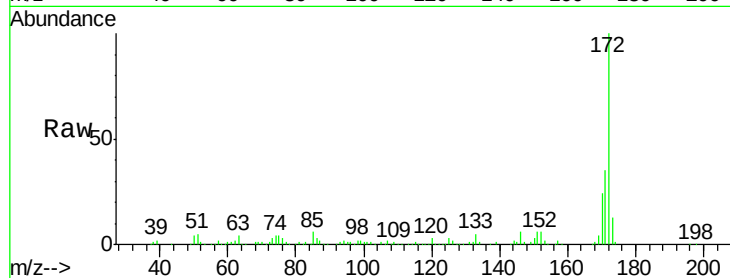
Tgt Ion:172 Resp: 612804

Ion Ratio Lower Upper

172 100

171 35.3 26.1 39.1

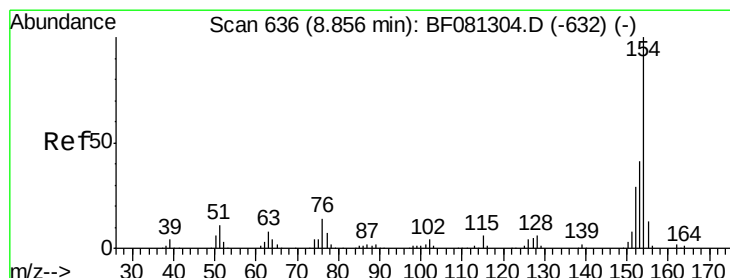
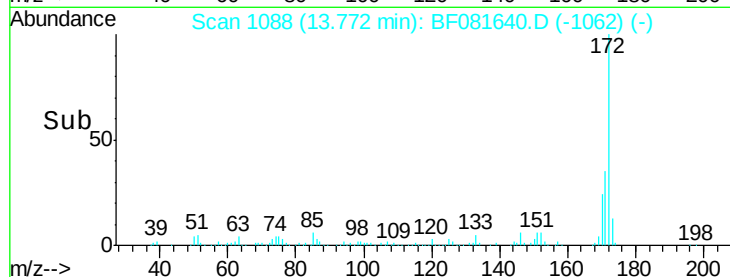
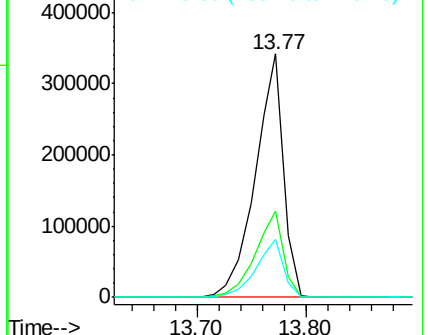
170 23.9 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 43.33 ng

RT: 13.97 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

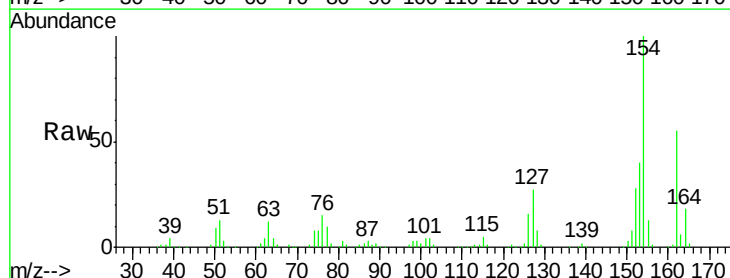
Tgt Ion:154 Resp: 375111

Ion Ratio Lower Upper

154 100

153 39.8 17.1 57.1

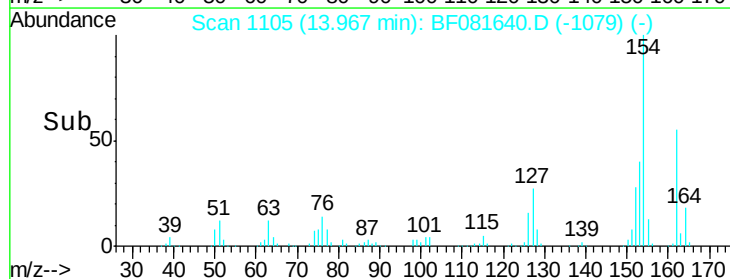
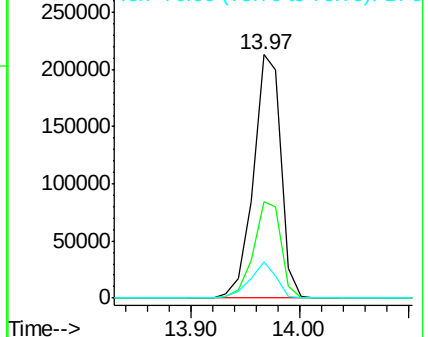
76 14.7 0.0 31.6

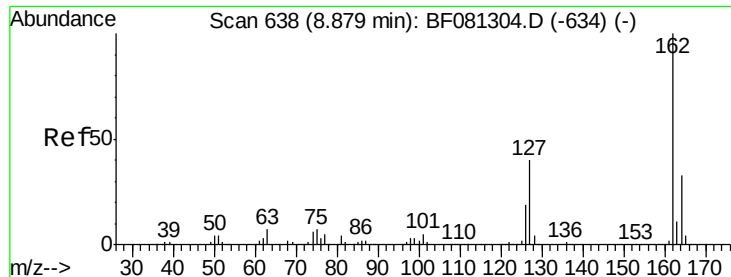


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

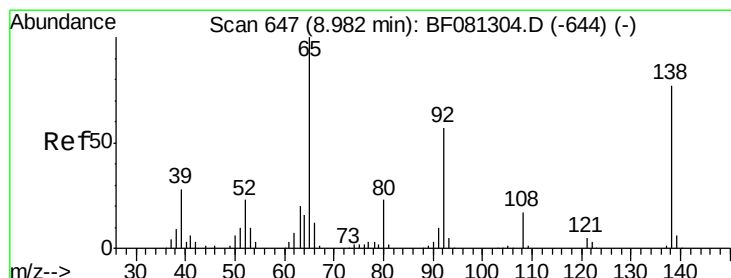
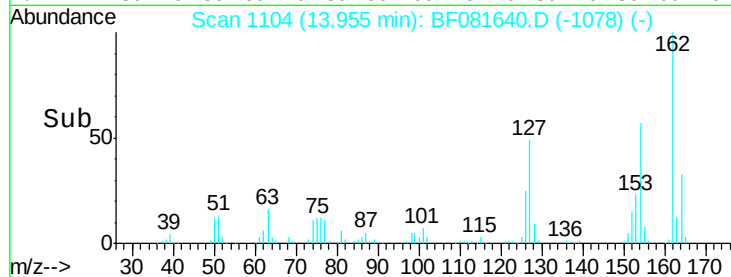
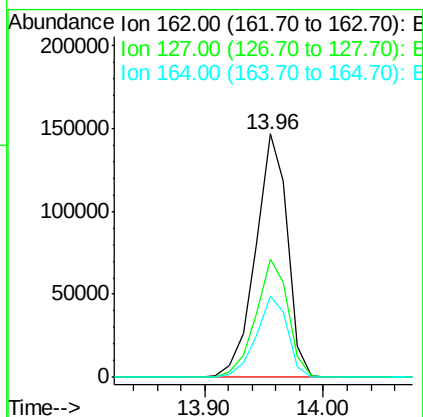
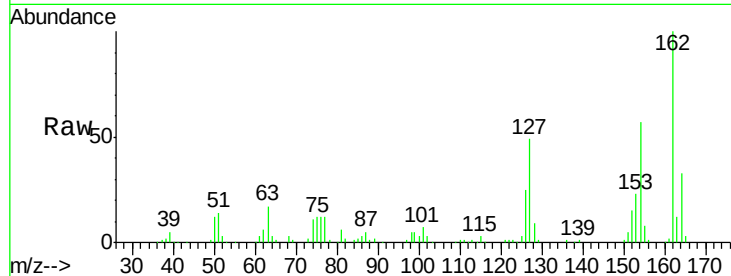




#46
 2-Chloronaphthalene
 Concen: 43.78 ng
 RT: 13.96 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

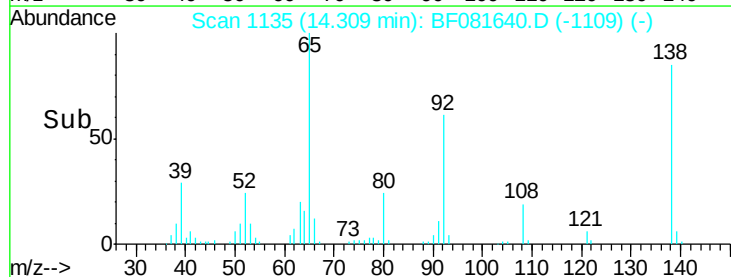
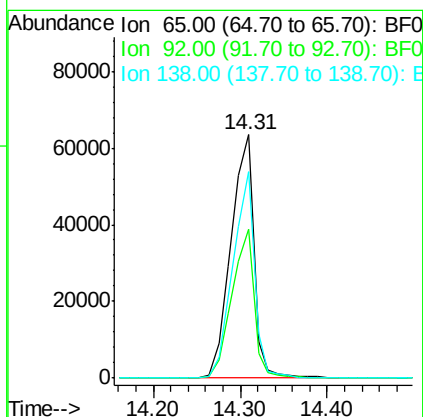
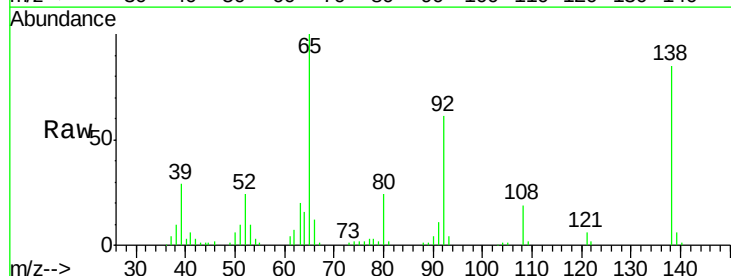
Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

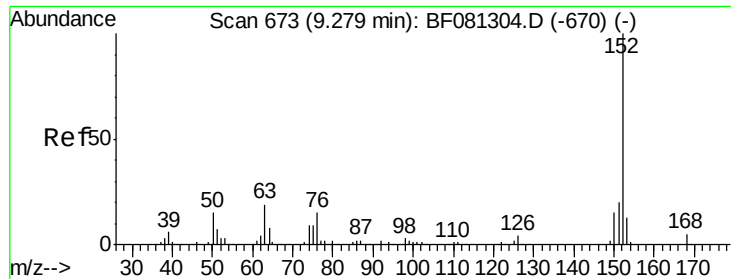
Tgt Ion: 162 Resp: 273718
 Ion Ratio Lower Upper
 162 100
 127 48.7 27.6 41.4#
 164 33.4 25.4 38.2



#47
 2-Nitroaniline
 Concen: 45.84 ng
 RT: 14.31 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion: 65 Resp: 116812
 Ion Ratio Lower Upper
 65 100
 92 61.1 55.4 83.0
 138 84.7 115.5 173.3#





#48

Acenaphthylene

Concen: 41.57 ng

RT: 14.92 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

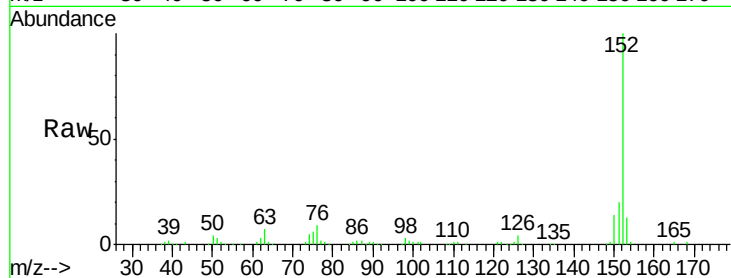
Tgt Ion:152 Resp: 461120

Ion Ratio Lower Upper

152 100

151 20.0 14.6 22.0

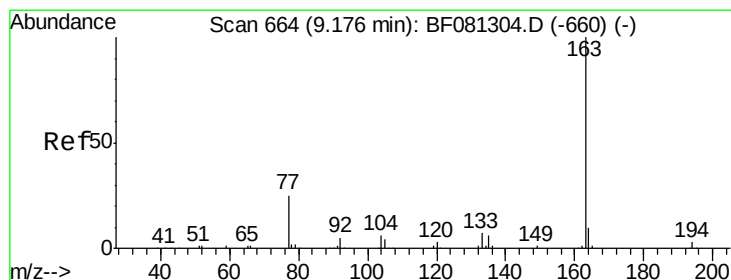
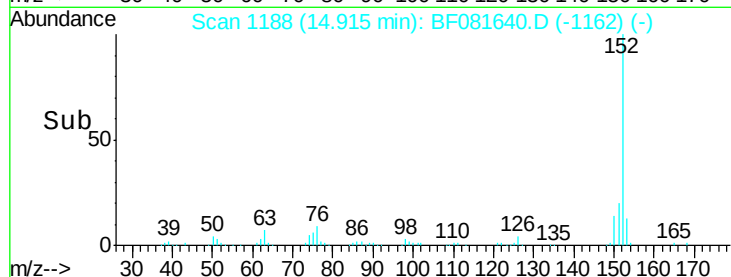
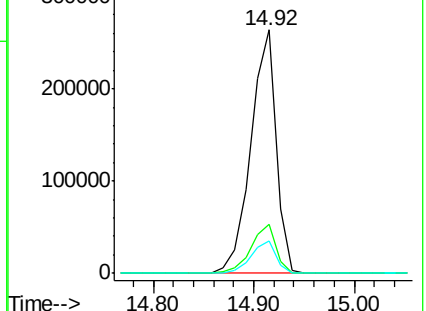
153 13.1 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 70.75 ng

RT: 14.86 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

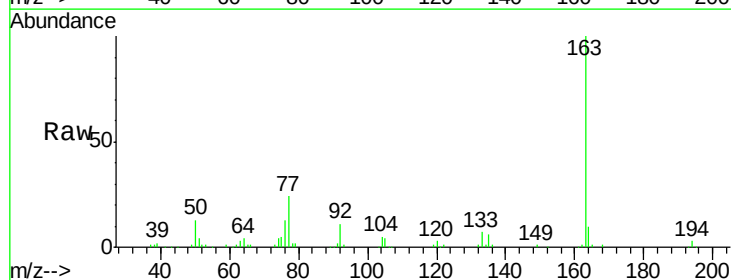
Tgt Ion:163 Resp: 517265

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

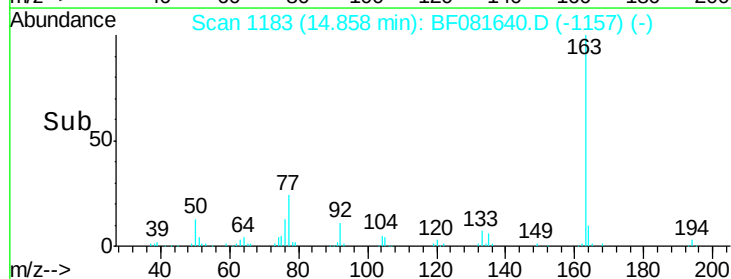
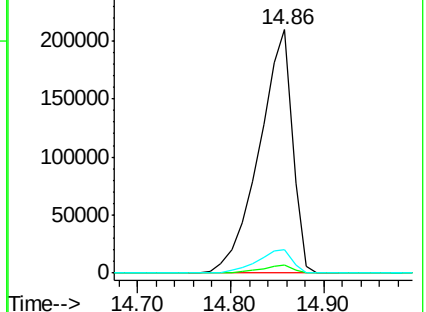
164 9.7 8.3 12.5

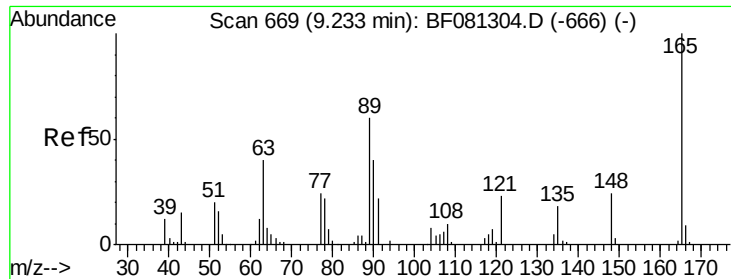


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

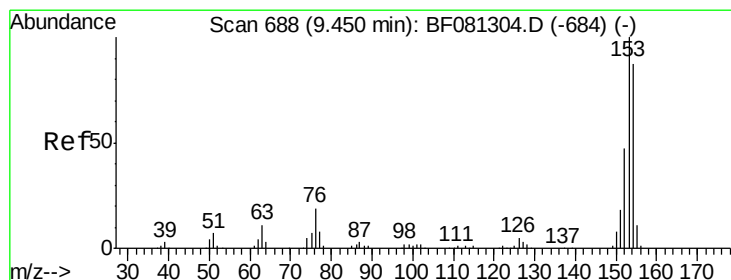
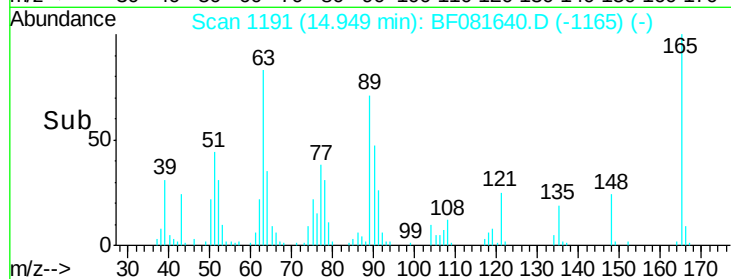
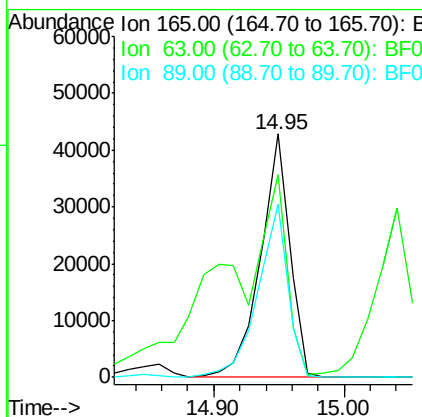
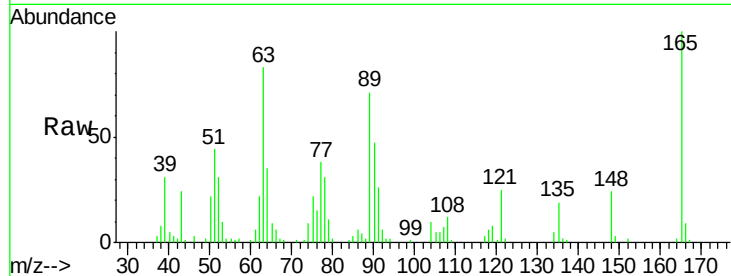




#50
 2,6-Dinitrotoluene
 Concen: 40.81 ng
 RT: 14.95 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

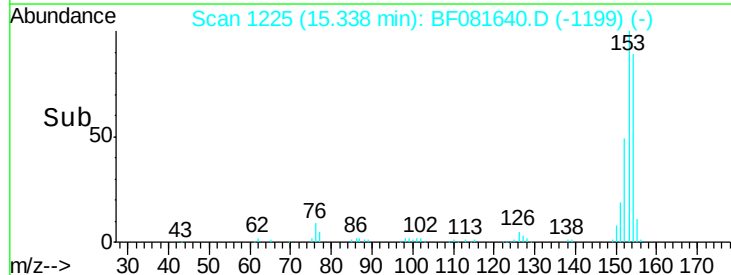
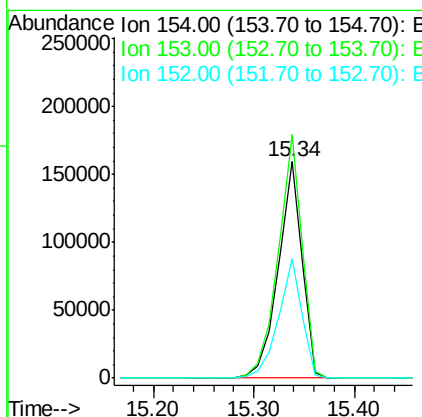
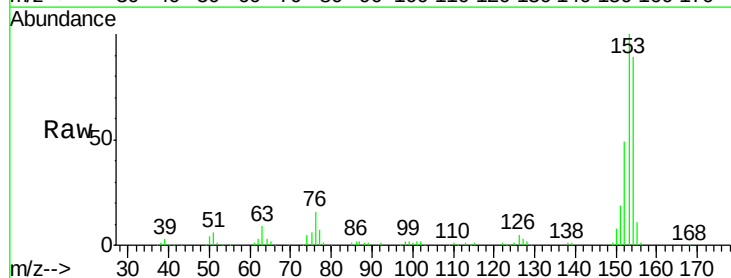
Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

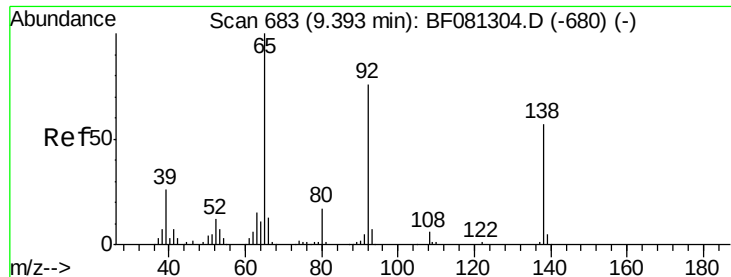
Tgt Ion:165 Resp: 67718
 Ion Ratio Lower Upper
 165 100
 63 83.1 32.3 48.5#
 89 71.4 28.6 43.0#



#51
 Acenaphthene
 Concen: 41.32 ng
 RT: 15.34 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion:154 Resp: 260740
 Ion Ratio Lower Upper
 154 100
 153 112.4 82.1 123.1
 152 55.4 37.9 56.9





#52

3-Nitroaniline

Concen: 24.34 ng

RT: 15.30 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

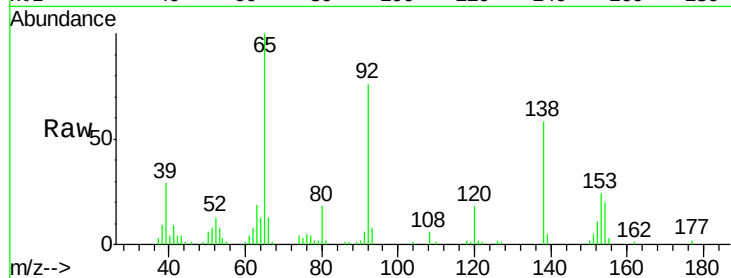
Tgt Ion:138 Resp: 45976

Ion Ratio Lower Upper

138 100

108 10.9 5.7 8.5#

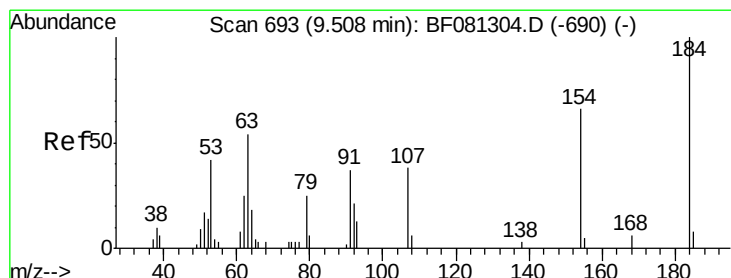
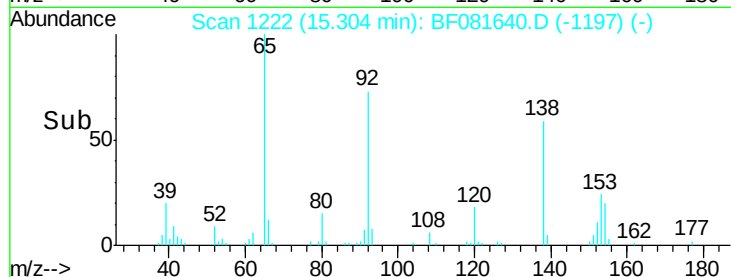
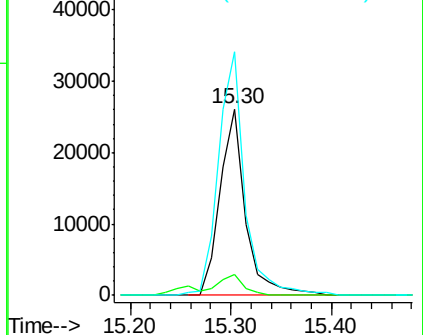
92 130.6 67.7 101.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 23.12 ng

RT: 15.60 min Scan# 1248

Delta R.T. 0.01 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

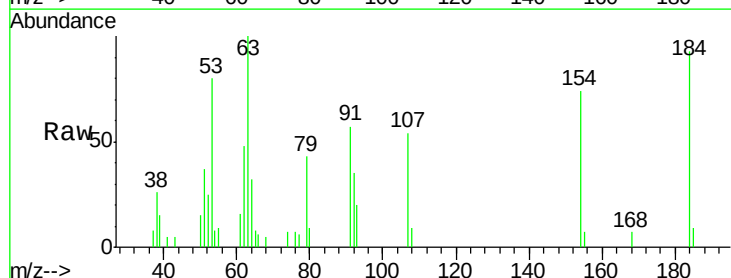
Tgt Ion:184 Resp: 15154

Ion Ratio Lower Upper

184 100

63 107.6 35.4 53.2#

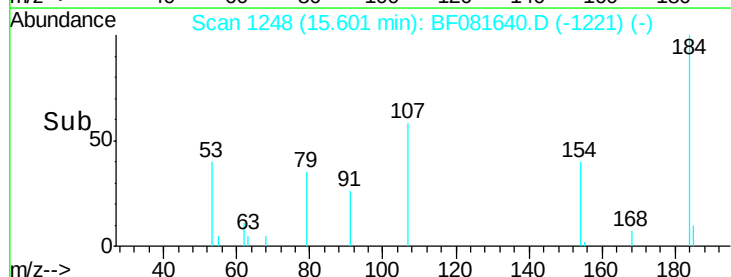
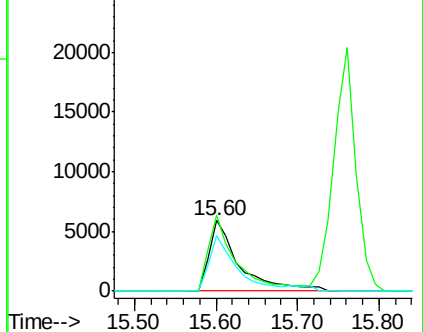
154 79.3 32.2 48.4#

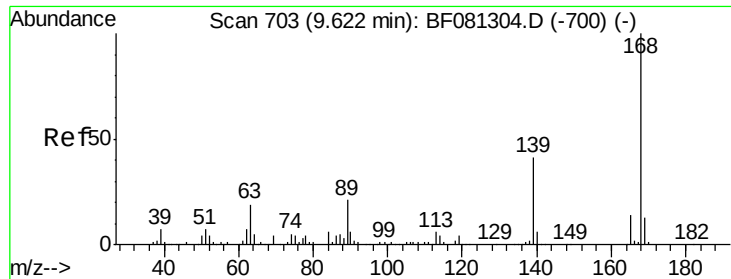


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 44.22 ng

RT: 15.76 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

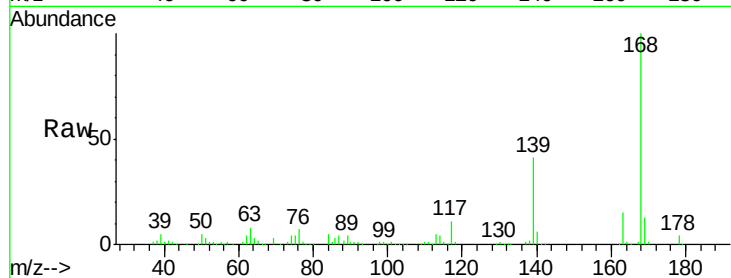
Tgt Ion:168 Resp: 407404

Ion Ratio Lower Upper

168 100

139 41.4 24.2 36.2#

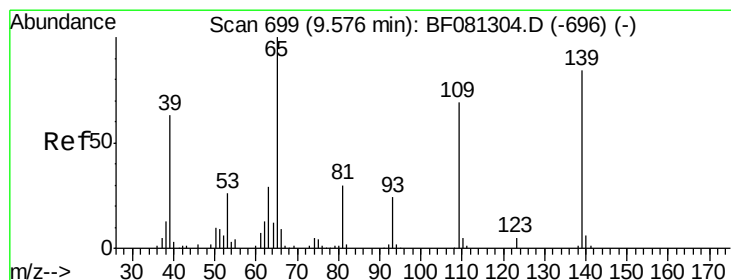
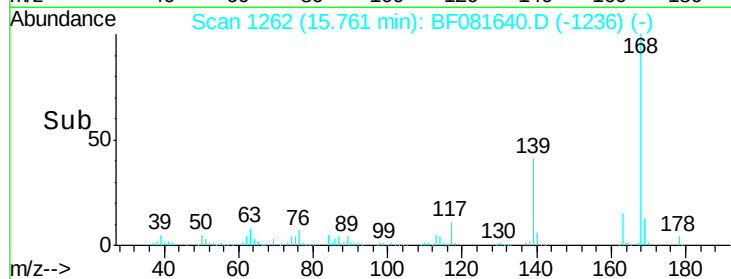
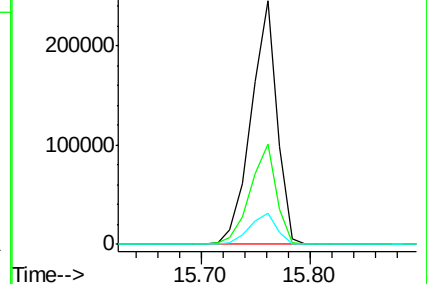
169 12.8 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 80.14 ng

RT: 15.93 min Scan# 1277

Delta R.T. 0.01 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

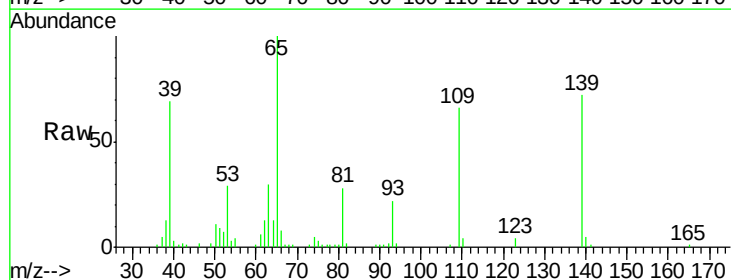
Tgt Ion:139 Resp: 95109

Ion Ratio Lower Upper

139 100

109 92.0 12.7 52.7#

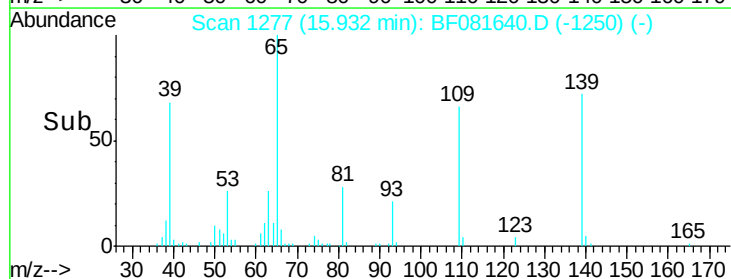
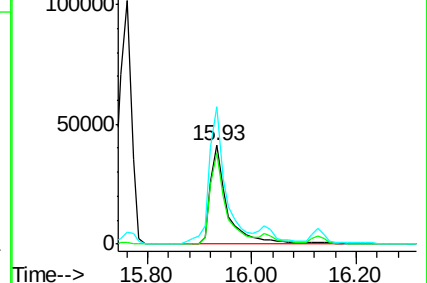
65 139.4 45.9 85.9#

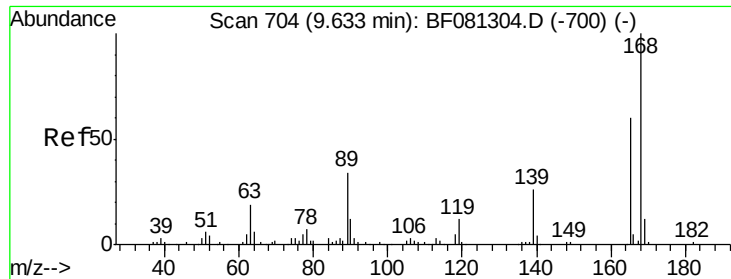


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

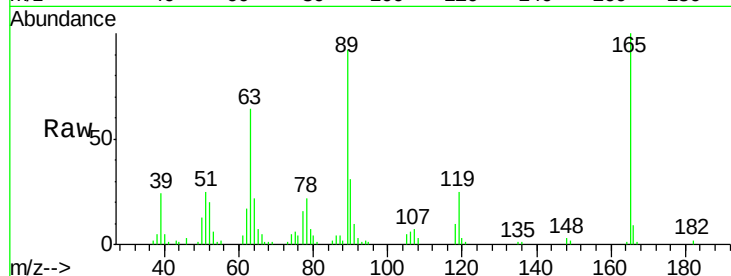




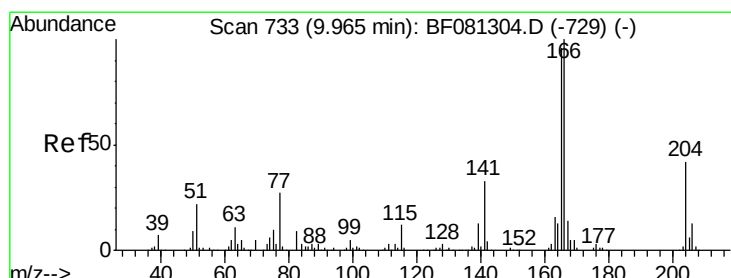
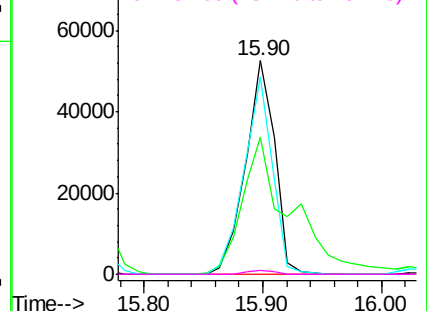
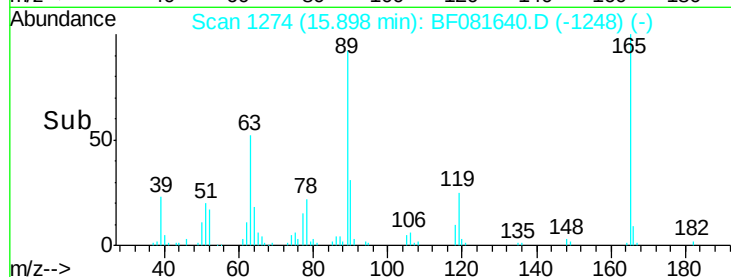
#56
2,4-Dinitrotoluene
Concen: 42.94 ng
RT: 15.90 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Instrument :
BNA_F
ClientSampleId :
B-20MSD

Tgt Ion:165 Resp: 90732
Ion Ratio Lower Upper
165 100
63 64.4 29.8 44.6#
89 92.4 44.5 66.7#
182 1.9 3.0 4.4#

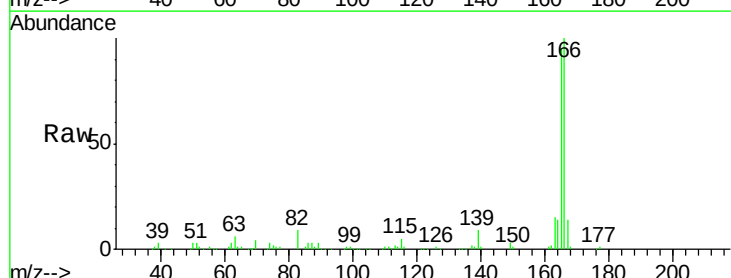


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

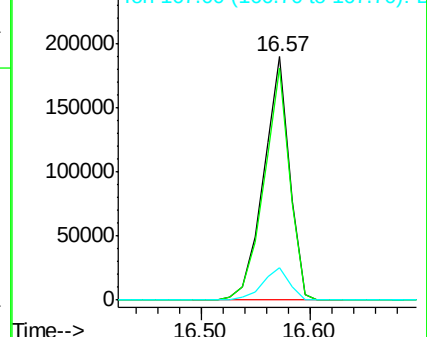
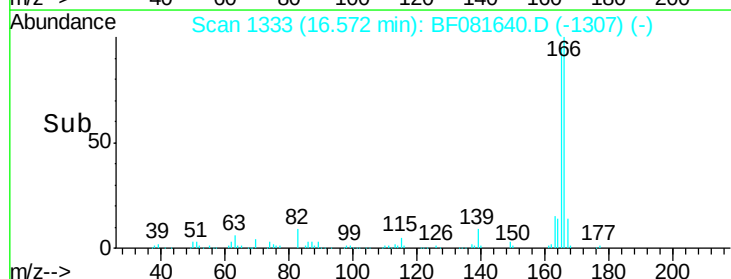


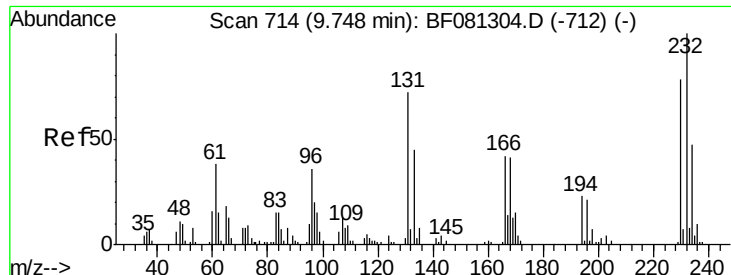
#57
Fluorene
Concen: 44.80 ng
RT: 16.57 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion:166 Resp: 313222
Ion Ratio Lower Upper
166 100
165 95.3 72.6 109.0
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

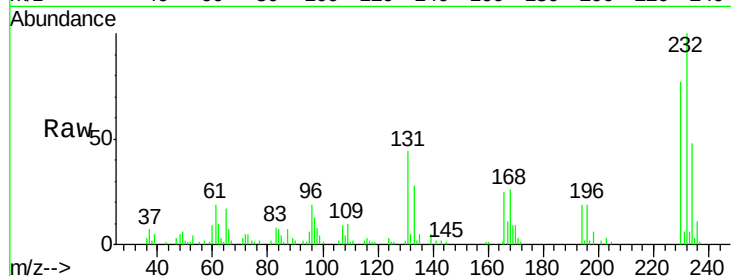




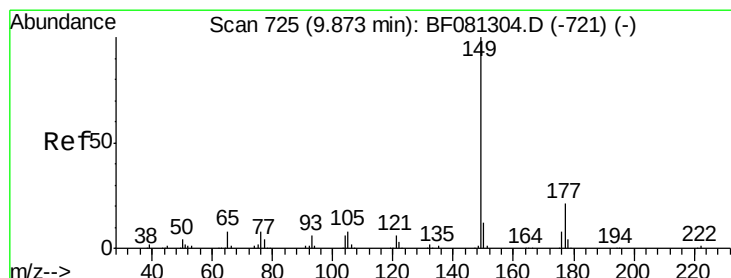
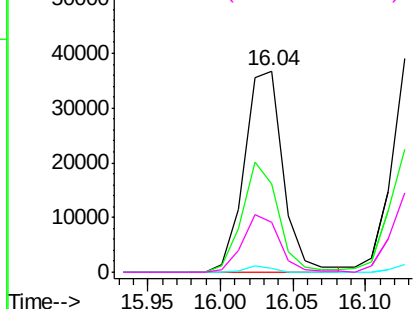
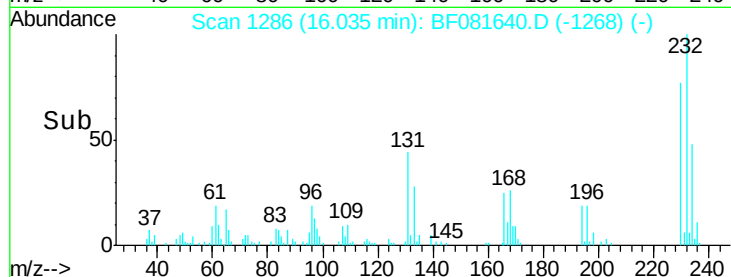
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.65 ng
 RT: 16.04 min Scan# 1286
 Delta R.T. -0.09 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

Tgt Ion: 232 Resp: 68236
 Ion Ratio Lower Upper
 232 100
 131 51.4 38.5 57.7
 130 2.2 1.8 2.6
 166 27.6 25.0 37.6

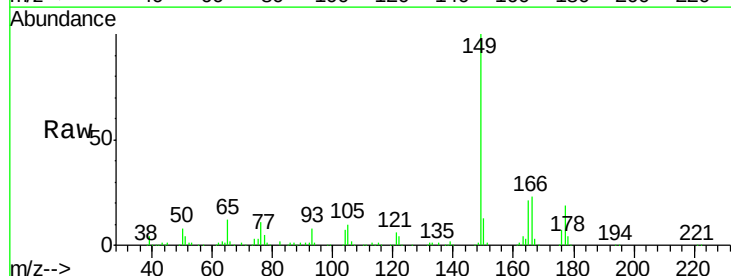


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

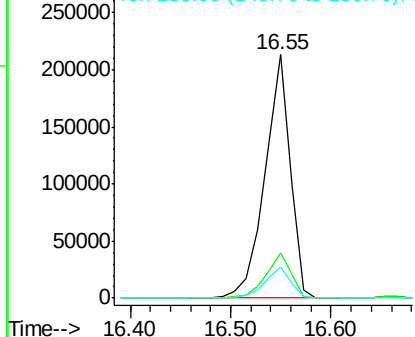
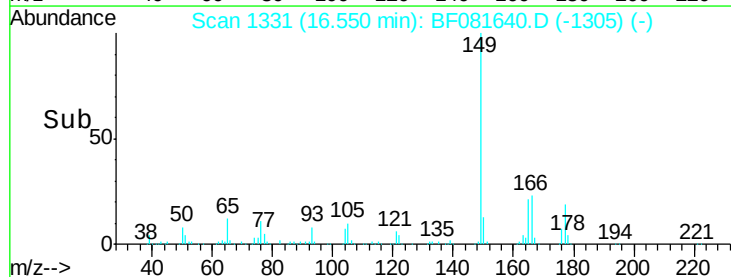


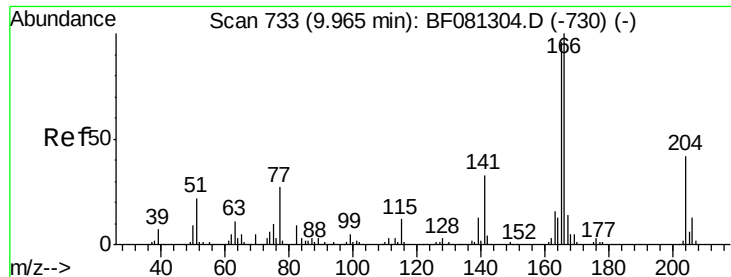
#59
 Diethylphthalate
 Concen: 48.08 ng
 RT: 16.55 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion: 149 Resp: 369794
 Ion Ratio Lower Upper
 149 100
 177 18.7 17.5 26.3
 150 12.7 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#60

4-Chlorophenyl-phenylether

Concen: 47.02 ng

RT: 16.66 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

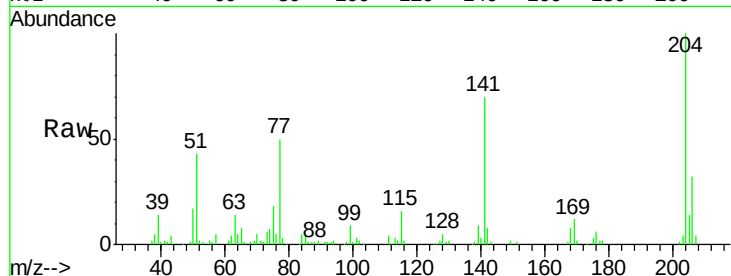
Tgt Ion:204 Resp: 153228

Ion Ratio Lower Upper

204 100

206 32.1 24.8 37.2

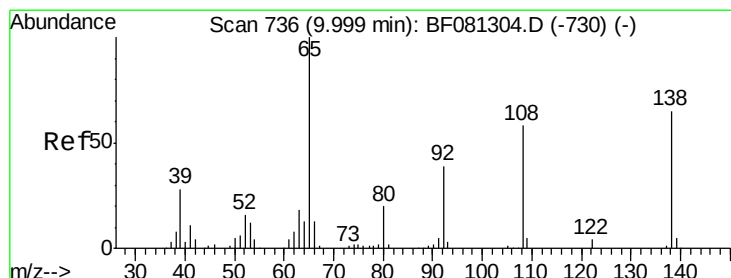
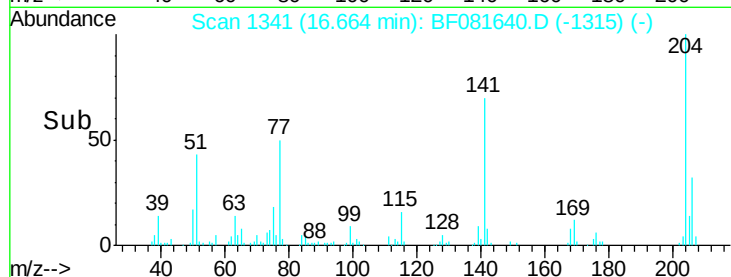
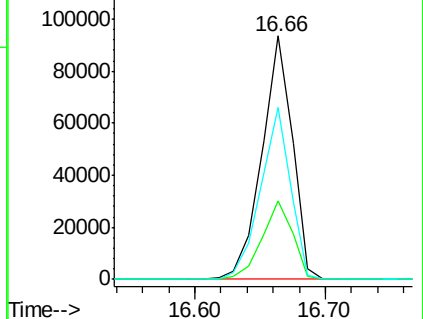
141 70.5 42.2 63.4#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 31.54 ng

RT: 16.78 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

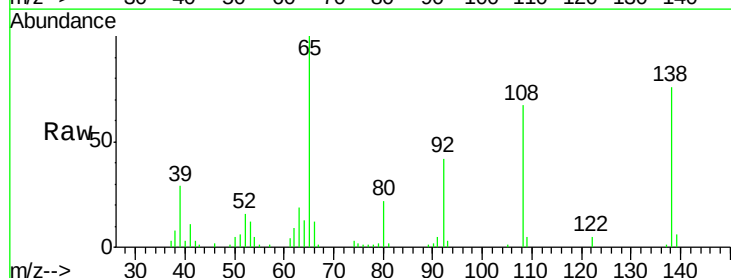
Tgt Ion:138 Resp: 60189

Ion Ratio Lower Upper

138 100

92 54.7 12.6 52.6#

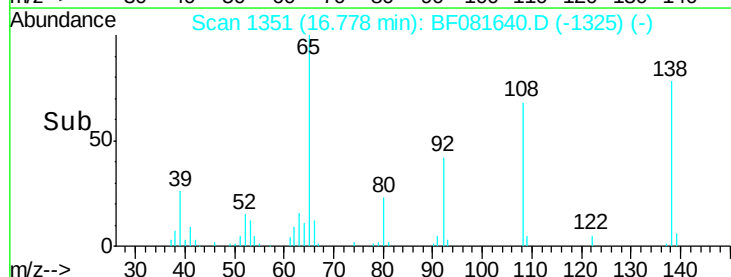
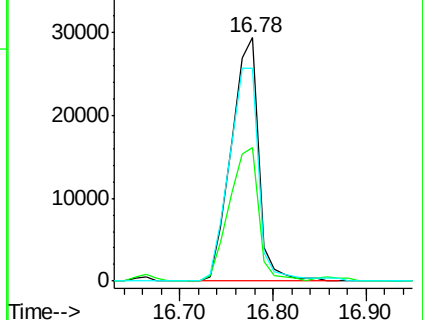
108 87.3 12.4 52.4#

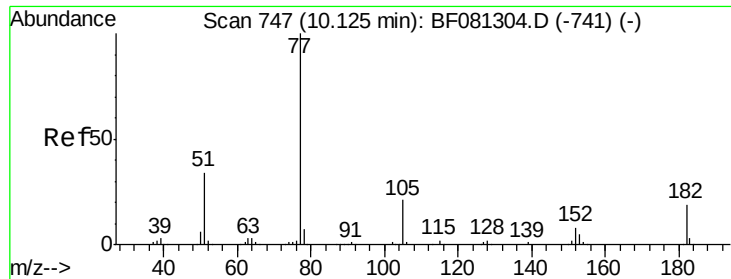


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 46.14 ng

RT: 17.03 min Scan# 1373

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

Tgt Ion: 77 Resp: 394530

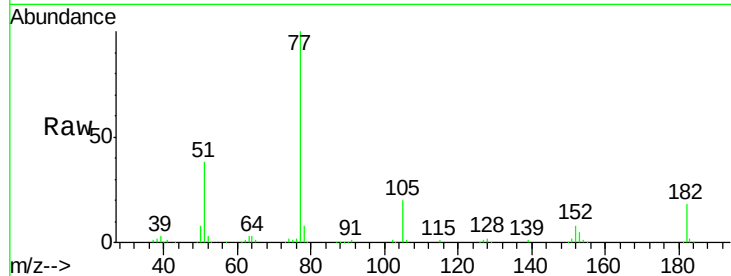
Ion Ratio Lower Upper

77 100

182 18.0 15.1 55.1

105 19.8 3.4 43.4

51 37.8 12.0 52.0

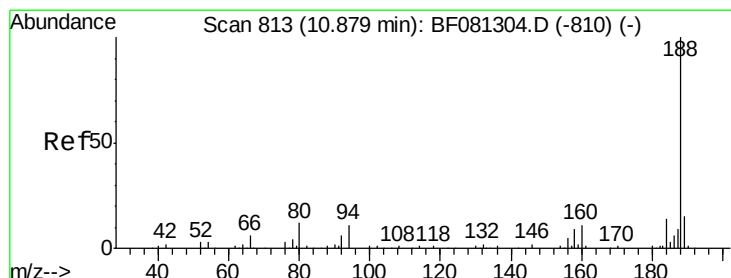
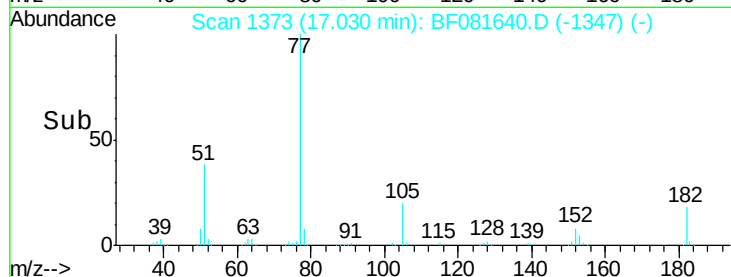
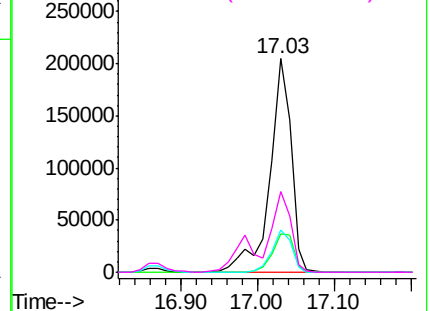


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 18.77 min Scan# 1525

Delta R.T. 0.01 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

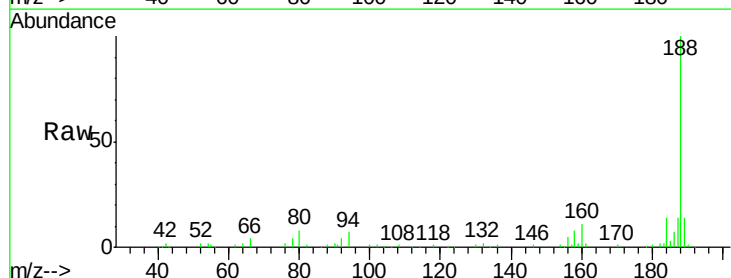
Tgt Ion: 188 Resp: 170079

Ion Ratio Lower Upper

188 100

94 7.1 11.1 16.7#

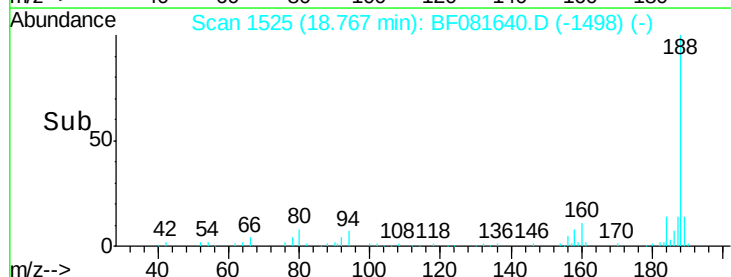
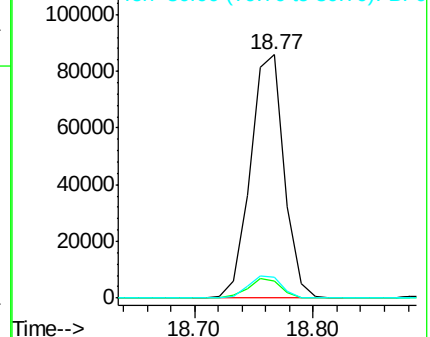
80 8.3 11.0 16.4#

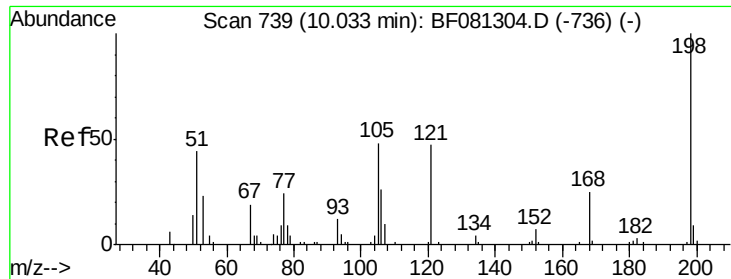


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

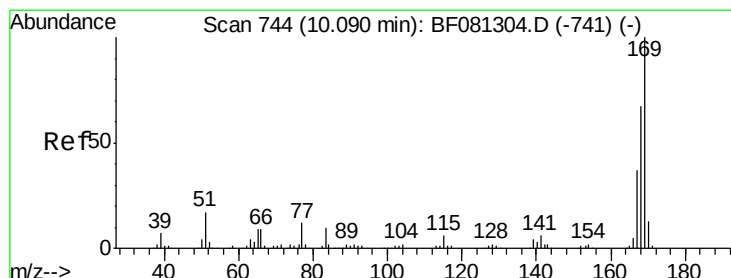
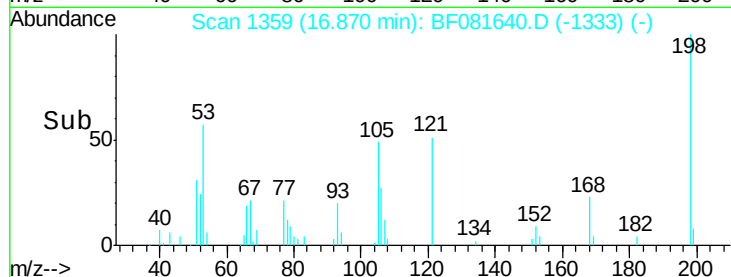
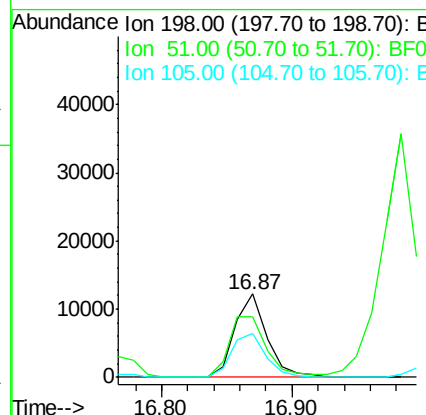
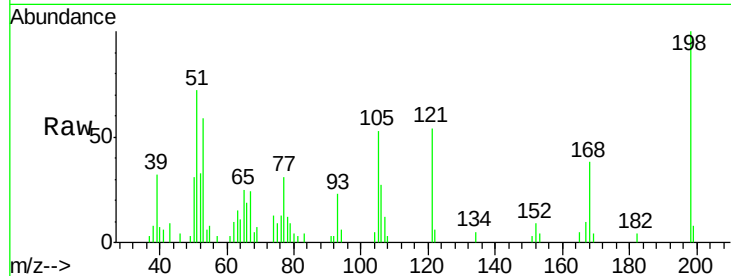




#64
 4,6-Dinitro-2-methylphenol
 Concen: 22.01 ng
 RT: 16.87 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

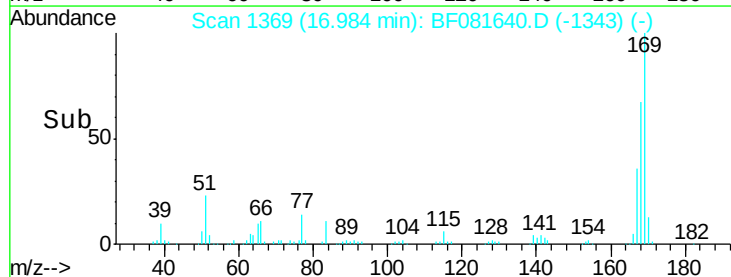
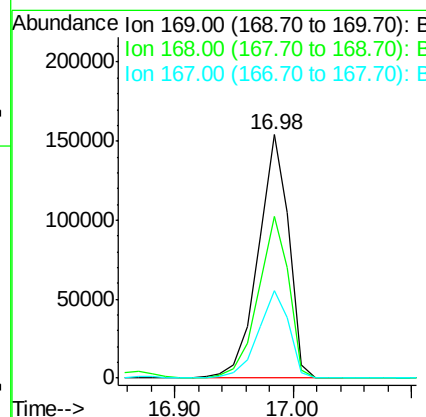
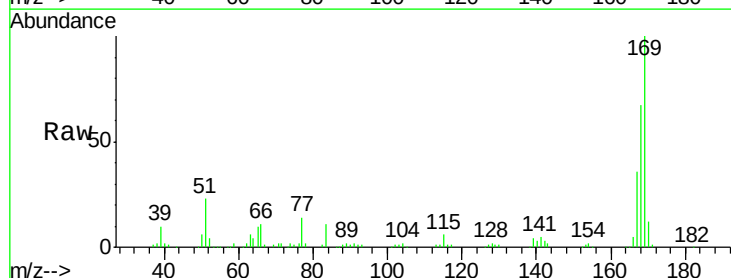
Instrument :
 BNA_F
 ClientSampled :
 B-20MSD

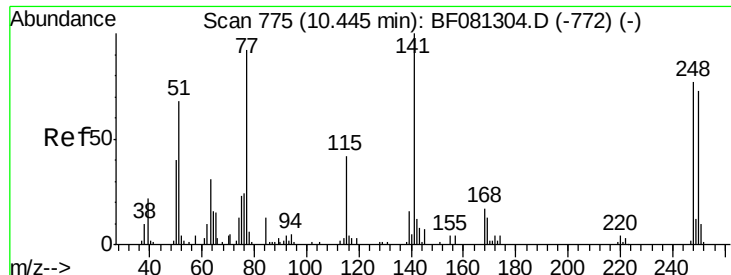
Tgt Ion:198 Resp: 20941
 Ion Ratio Lower Upper
 198 100
 51 72.4 39.6 79.6
 105 53.3 28.5 68.5



#65
 n-Nitrosodiphenylamine
 Concen: 44.36 ng
 RT: 16.98 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion:169 Resp: 274518
 Ion Ratio Lower Upper
 169 100
 168 66.6 48.9 73.3
 167 35.9 26.2 39.4





#66

4-Bromophenyl-phenylether

Concen: 46.18 ng

RT: 17.81 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

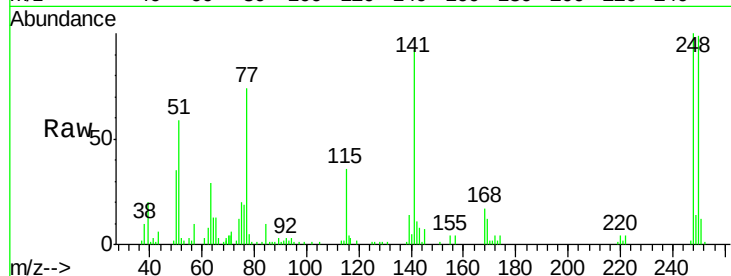
Tgt Ion:248 Resp: 79412

Ion Ratio Lower Upper

248 100

250 98.9 78.5 117.7

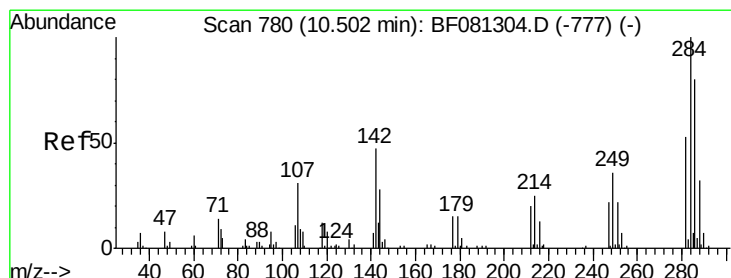
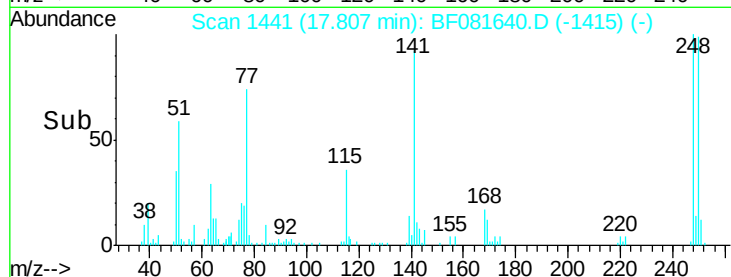
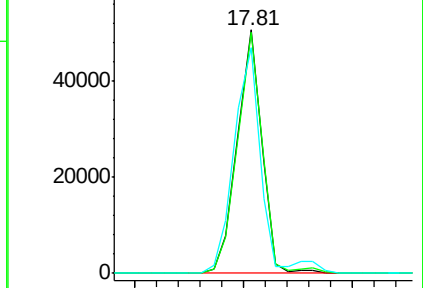
141 92.5 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 43.15 ng

RT: 17.86 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

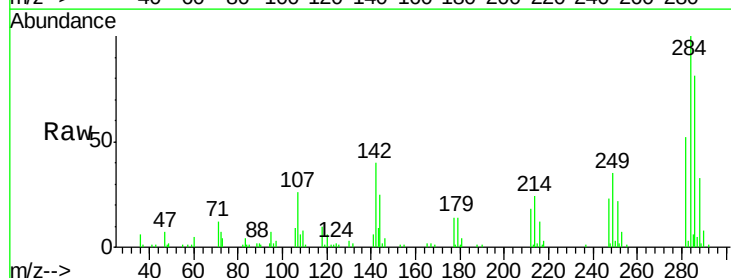
Tgt Ion:284 Resp: 77583

Ion Ratio Lower Upper

284 100

142 40.5 29.5 44.3

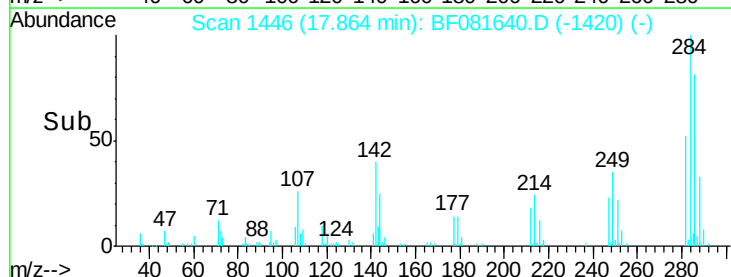
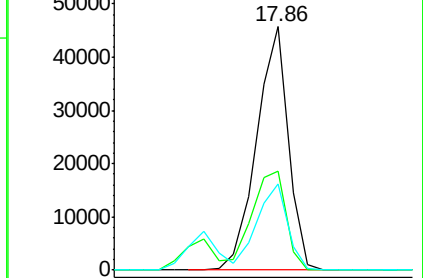
249 35.5 19.5 29.3#

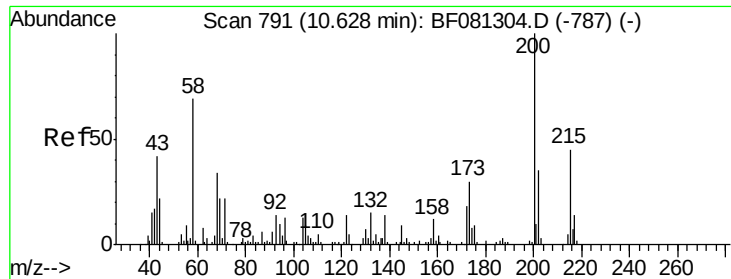


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 52.53 ng

RT: 18.39 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampled :

B-20MSD

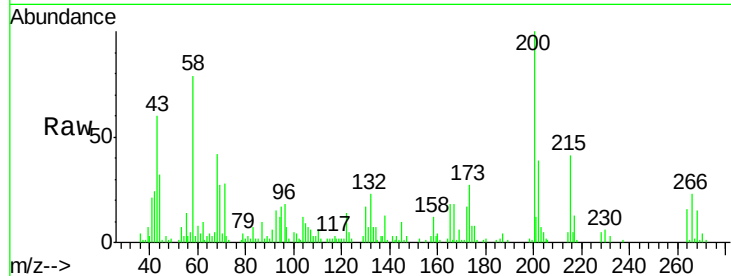
Tgt Ion:200 Resp: 94084

Ion Ratio Lower Upper

200 100

173 27.3 13.2 53.2

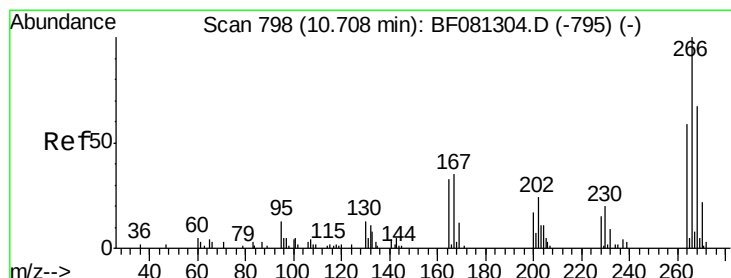
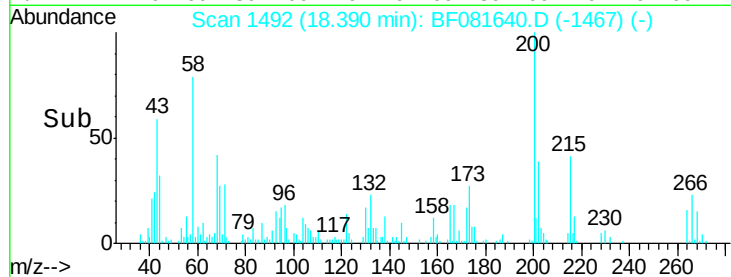
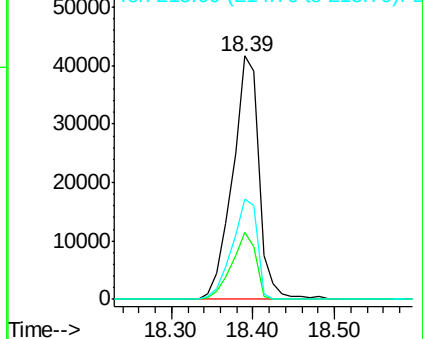
215 41.1 41.8 81.8#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 78.11 ng

RT: 18.41 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

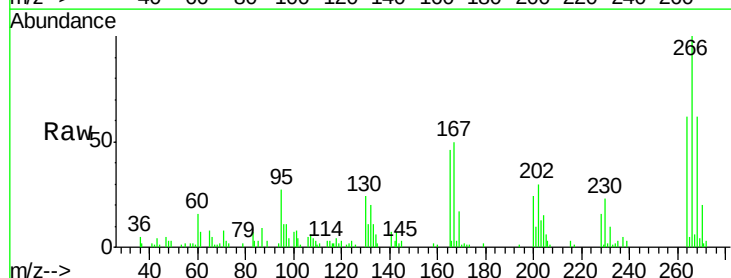
Tgt Ion:266 Resp: 68175

Ion Ratio Lower Upper

266 100

268 62.3 49.8 74.6

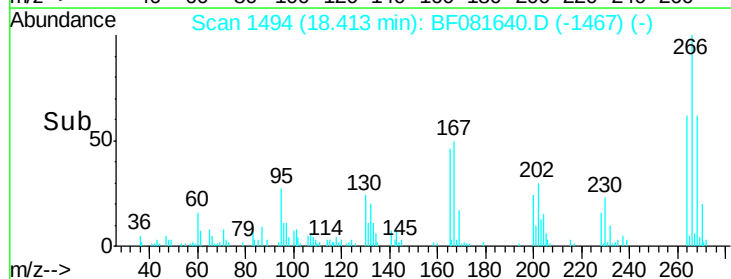
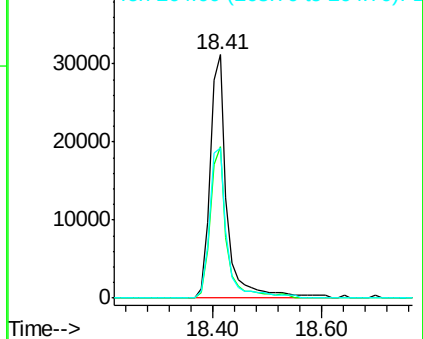
264 61.8 50.2 75.2

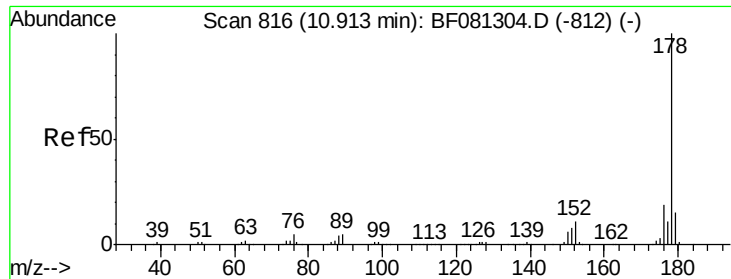


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

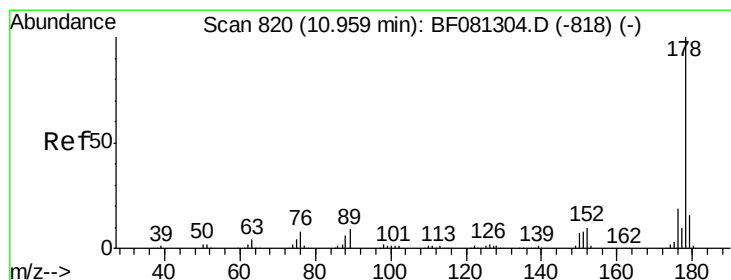
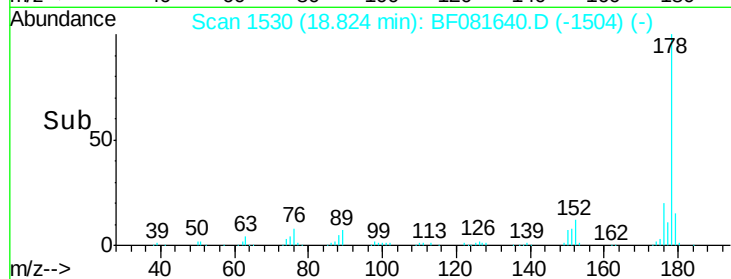
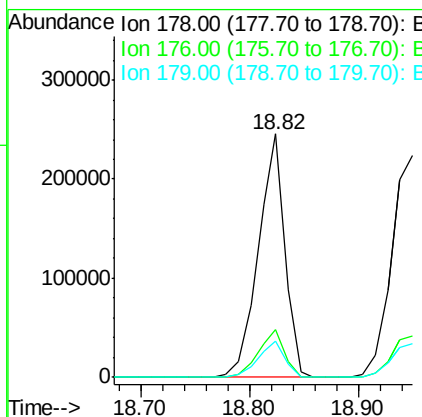
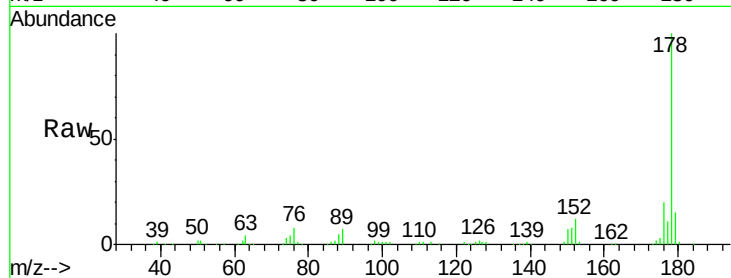




#70
 Phenanthrene
 Concen: 43.95 ng
 RT: 18.82 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

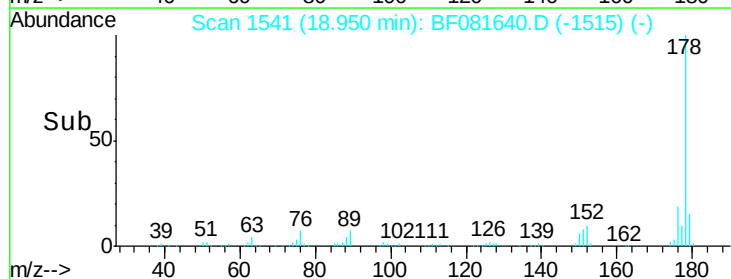
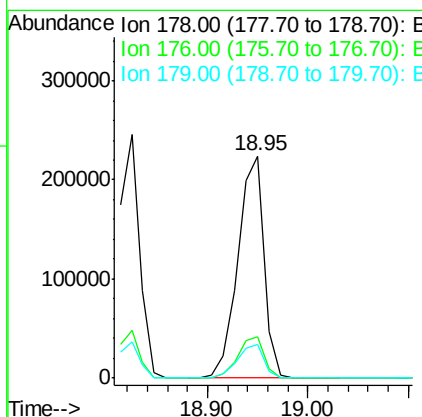
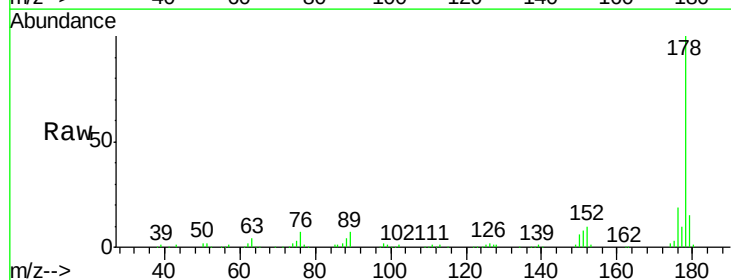
Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

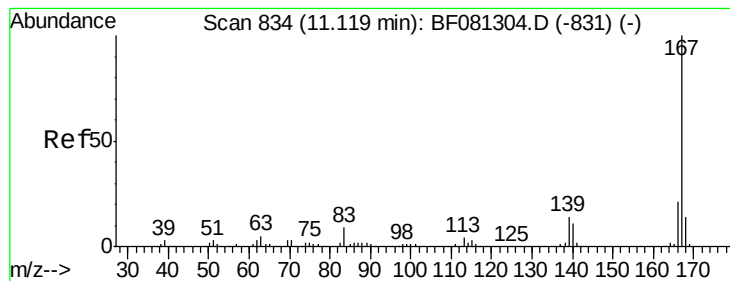
Tgt Ion:178 Resp: 415547
 Ion Ratio Lower Upper
 178 100
 176 19.6 13.8 20.8
 179 15.0 12.2 18.2



#71
 Anthracene
 Concen: 41.52 ng
 RT: 18.95 min Scan# 1541
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion:178 Resp: 403325
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.1 21.1
 179 15.1 12.2 18.2





#72

Carbazole

Concen: 40.21 ng

RT: 19.42 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampled :

B-20MSD

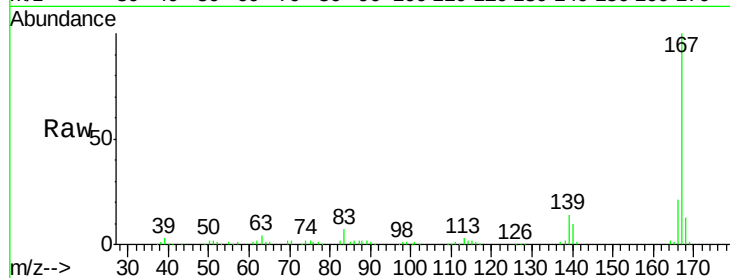
Tgt Ion:167 Resp: 366550

Ion Ratio Lower Upper

167 100

166 21.1 15.7 23.5

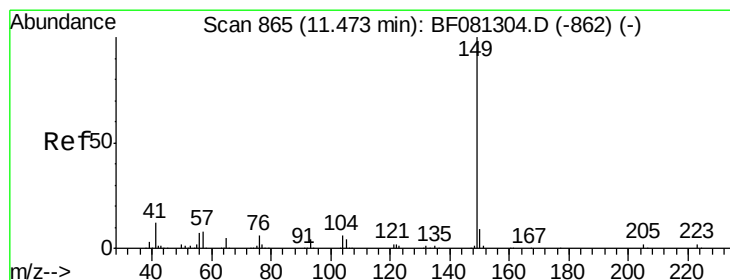
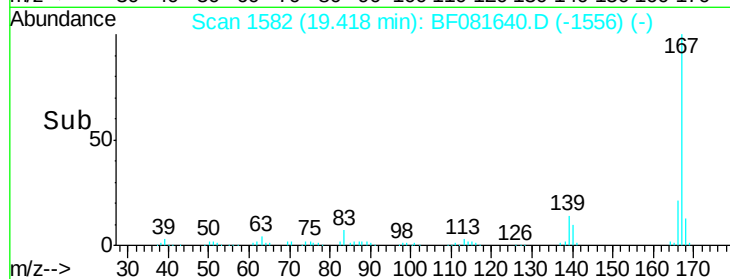
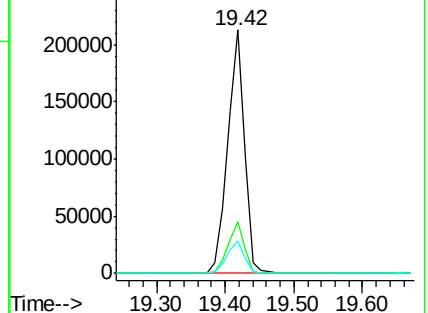
139 13.5 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 49.51 ng

RT: 20.47 min Scan# 1674

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

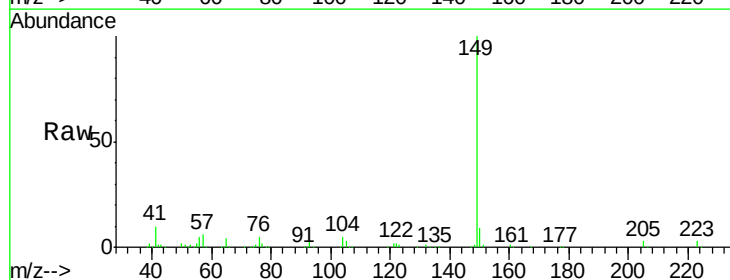
Tgt Ion:149 Resp: 532895

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

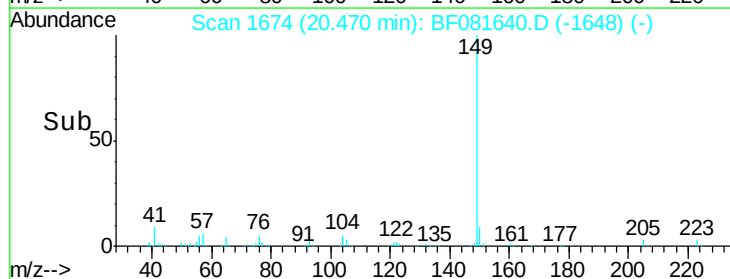
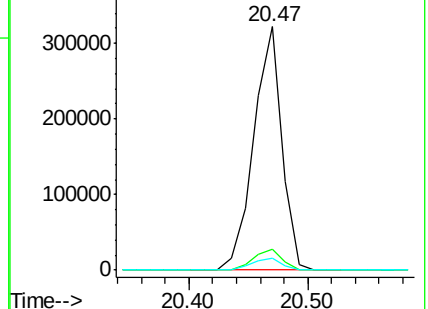
104 5.0 2.4 3.6#

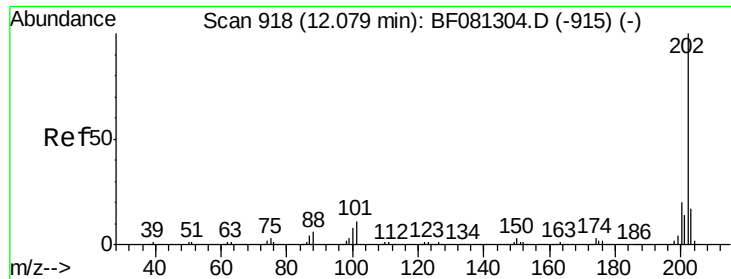


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

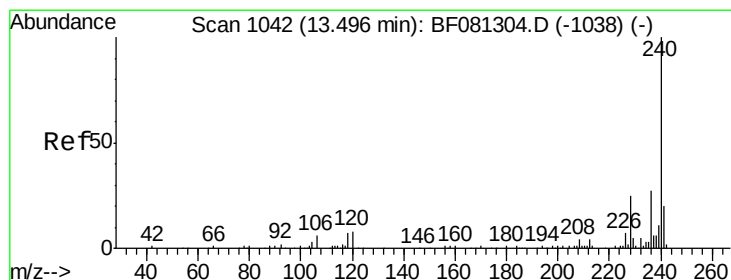
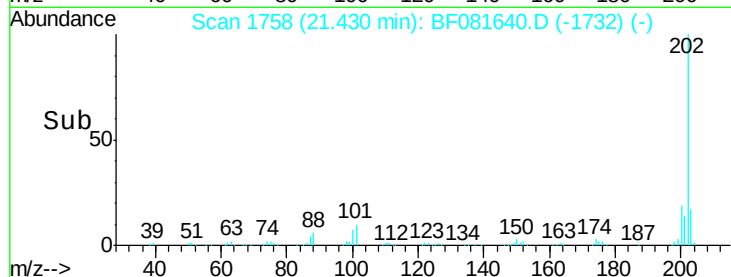
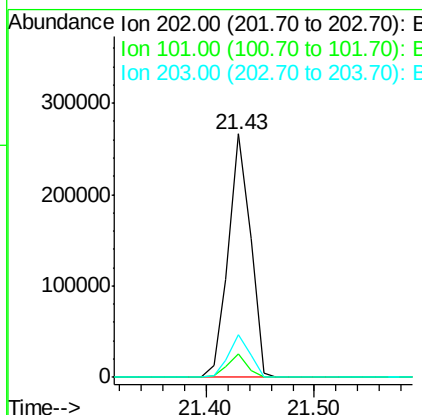
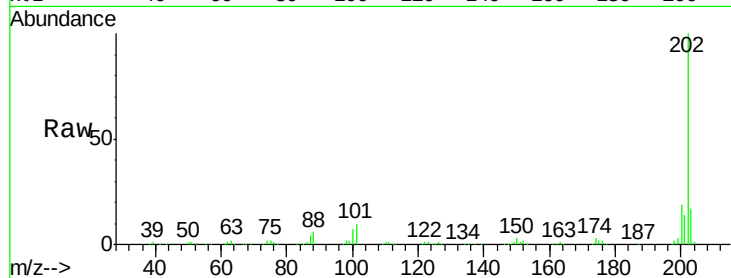




#74
 Fluoranthene
 Concen: 36.61 ng
 RT: 21.43 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

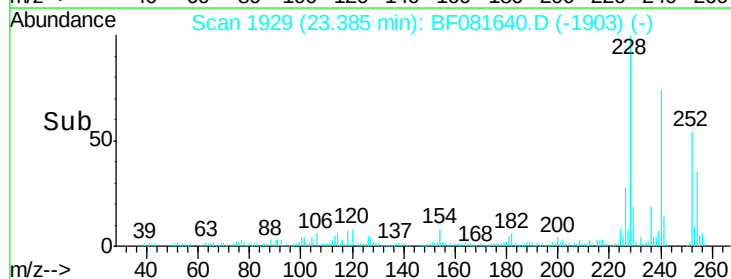
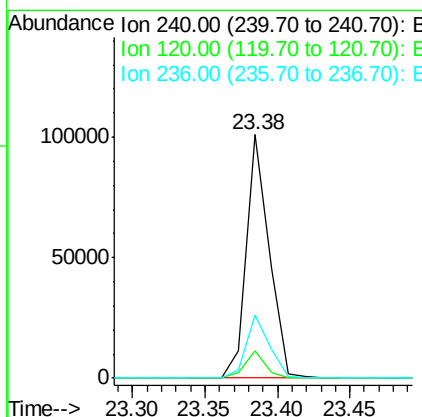
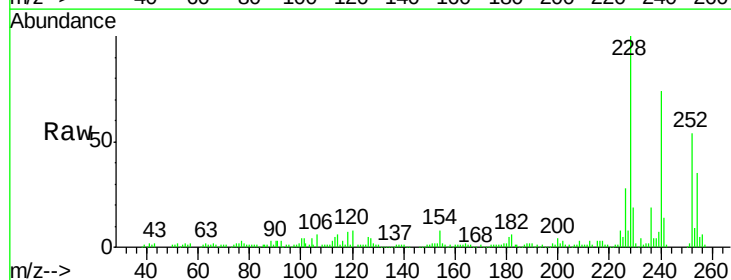
Instrument :
 BNA_F
 ClientSampleId :
 B-20MSD

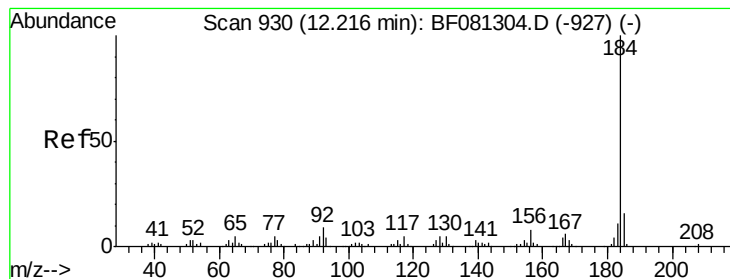
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	374694		
101	9.6	0.0	38.3	
203	17.3	0.0	37.3	



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.38 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: BF081640.D
 Acq: 15 Sep 2015 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	109955		
120	11.1	16.2	24.2#	
236	26.1	18.4	27.6	





#76

Benzidine

Concen: 25.69 ng

RT: 21.75 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampled :

B-20MSD

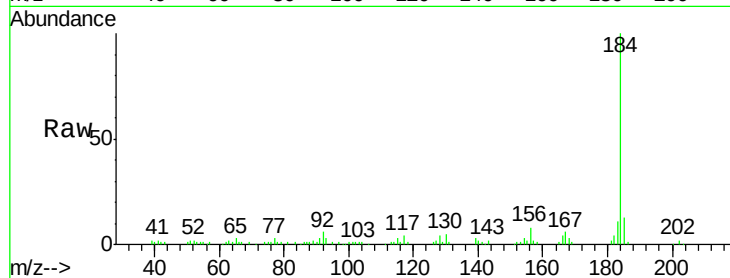
Tgt Ion:184 Resp: 121245

Ion Ratio Lower Upper

184 100

185 13.5 11.8 17.6

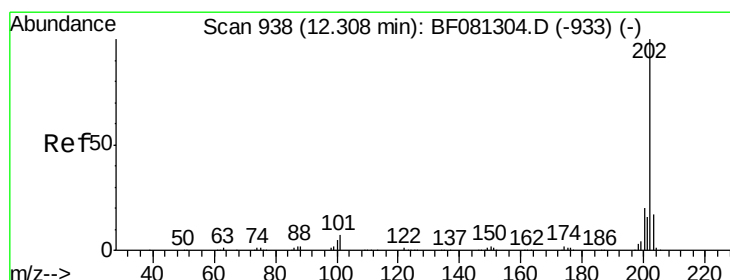
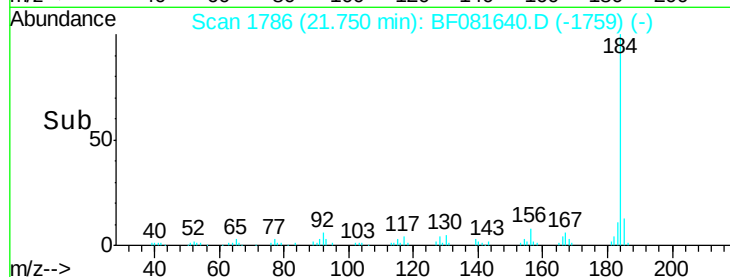
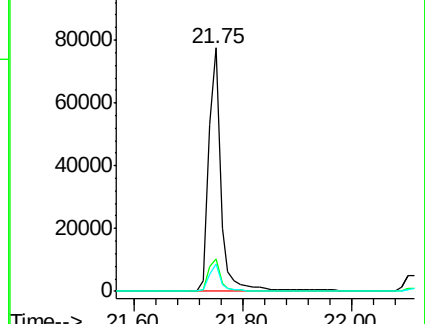
183 11.0 7.6 11.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 46.52 ng

RT: 21.78 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

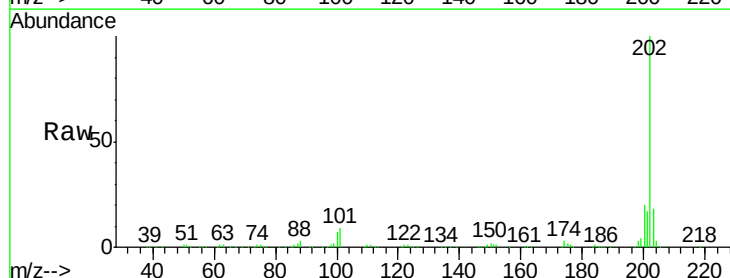
Tgt Ion:202 Resp: 378886

Ion Ratio Lower Upper

202 100

200 19.7 15.0 22.4

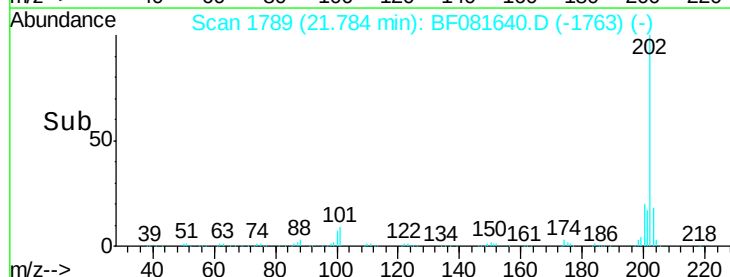
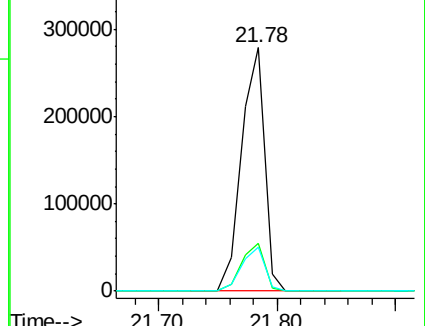
203 18.2 14.1 21.1

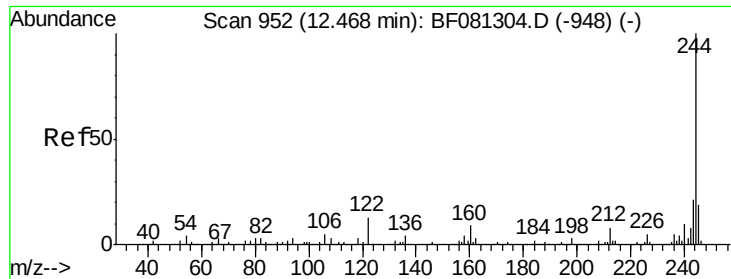


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 95.27 ng

RT: 22.12 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

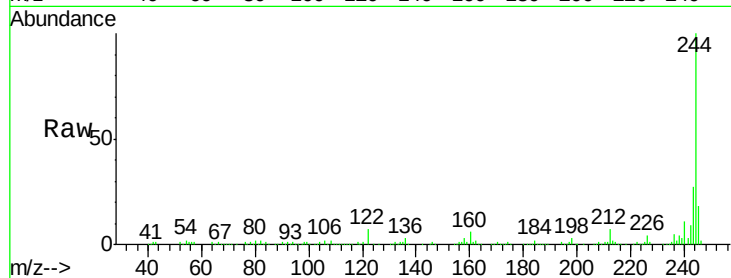
Tgt Ion:244 Resp: 449996

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

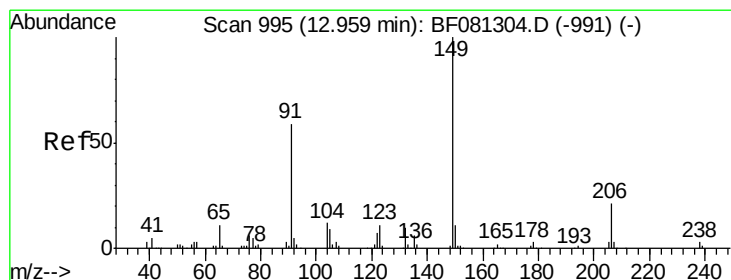
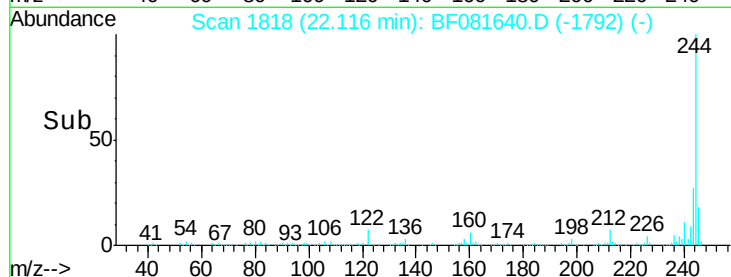
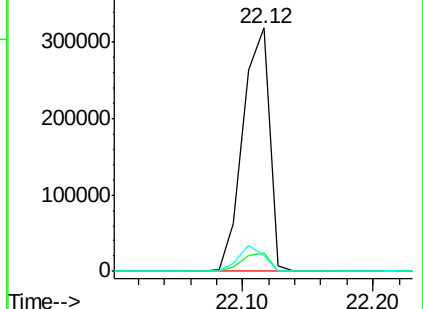
122 6.7 17.4 26.2#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 49.65 ng

RT: 22.80 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

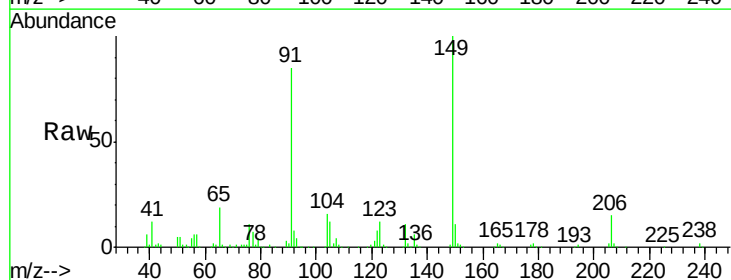
Tgt Ion:149 Resp: 175889

Ion Ratio Lower Upper

149 100

91 85.3 48.6 72.8#

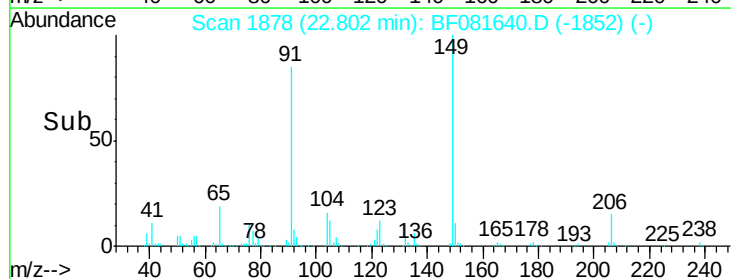
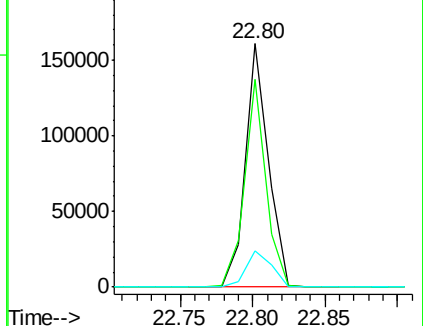
206 15.0 14.9 22.3

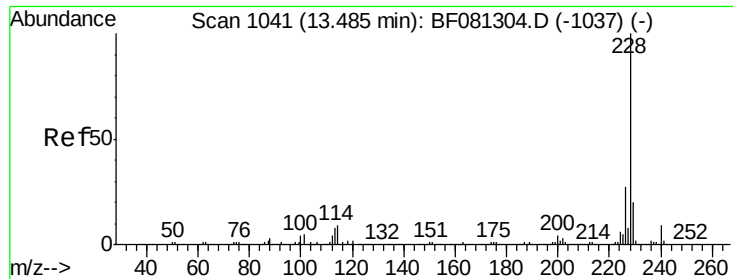


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 43.65 ng

RT: 23.37 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

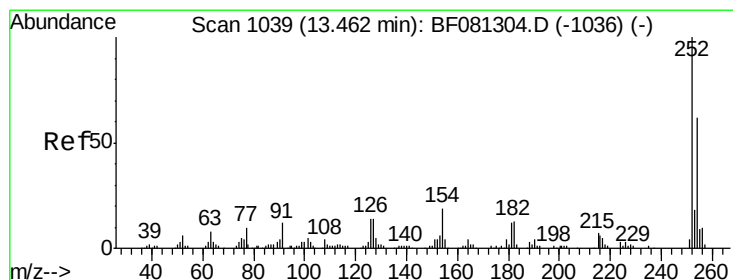
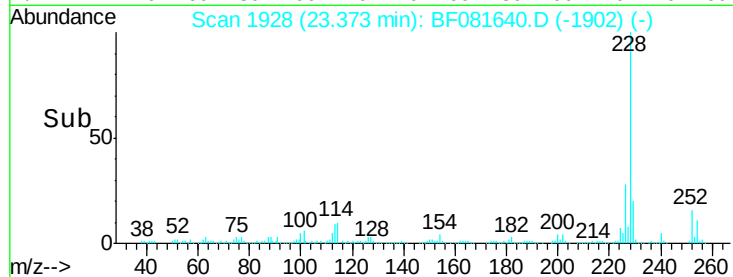
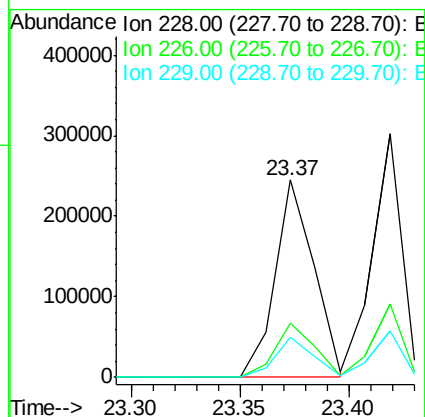
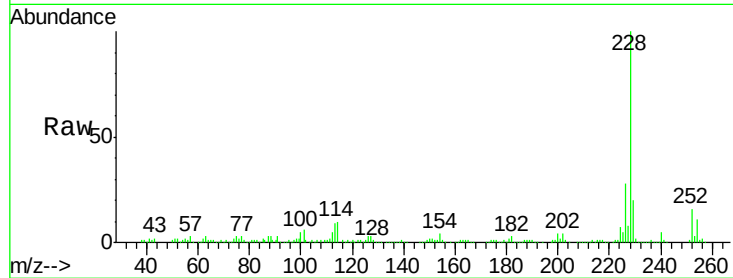
Tgt Ion:228 Resp: 305656

Ion Ratio Lower Upper

228 100

226 27.6 20.0 30.0

229 20.5 15.4 23.2



#81

3,3'-Dichlorobenzidine

Concen: 34.91 ng

RT: 23.38 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

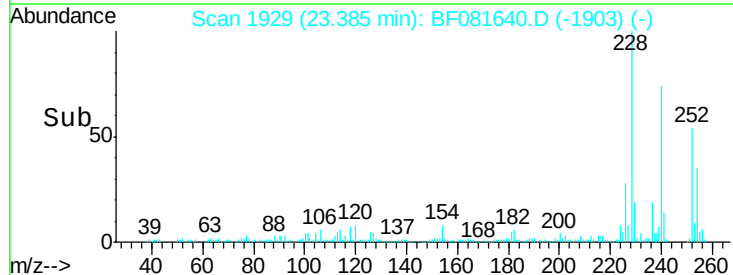
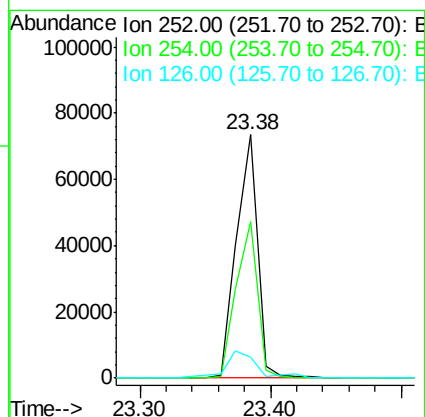
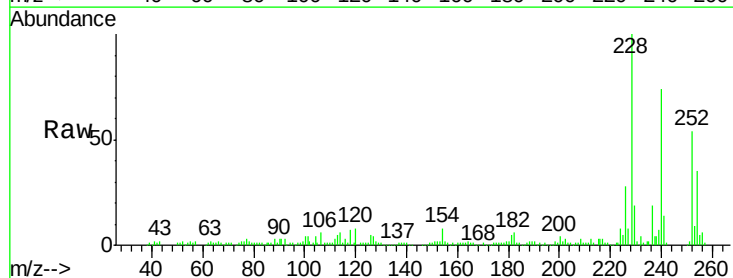
Tgt Ion:252 Resp: 82455

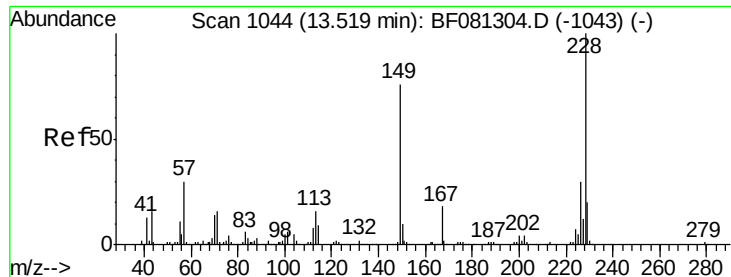
Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.2

126 8.5 16.4 24.6#





#82

Chrysene

Concen: 45.38 ng

RT: 23.42 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

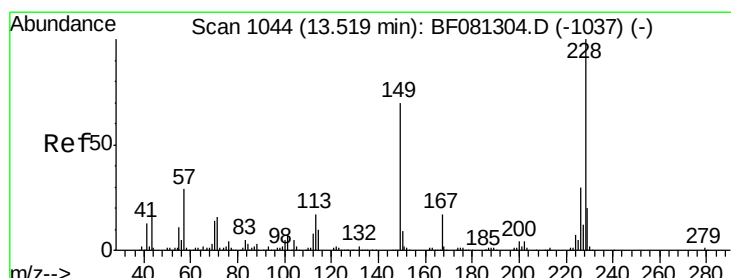
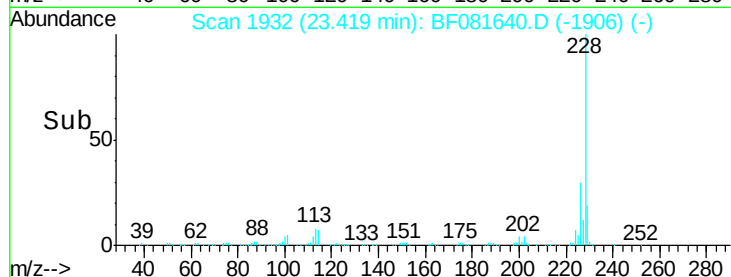
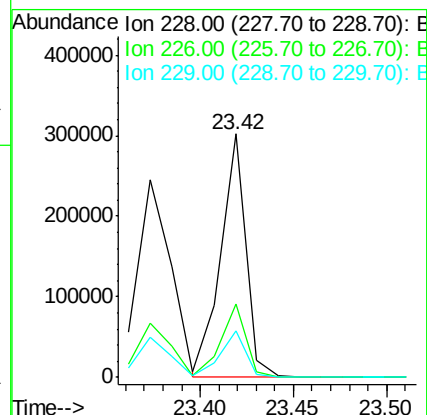
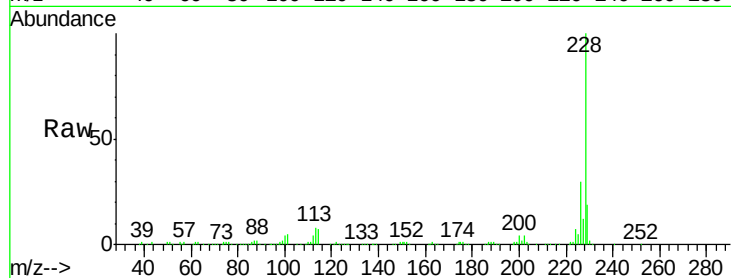
Tgt Ion: 228 Resp: 284871

Ion Ratio Lower Upper

228 100

226 30.0 21.0 31.4

229 19.2 15.6 23.4



#83

Bis(2-ethylhexyl)phthalate

Concen: 57.07 ng

RT: 23.50 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

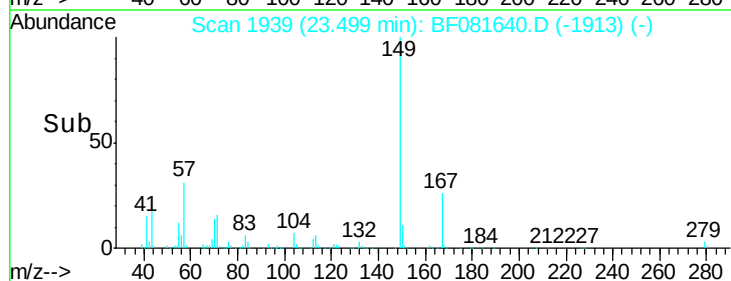
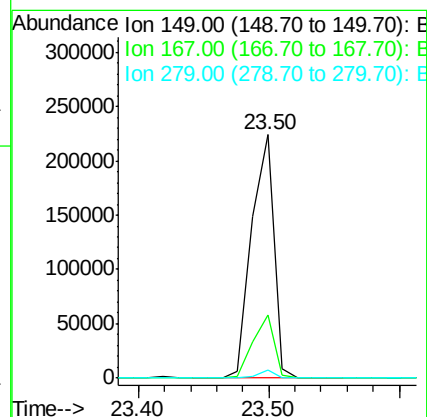
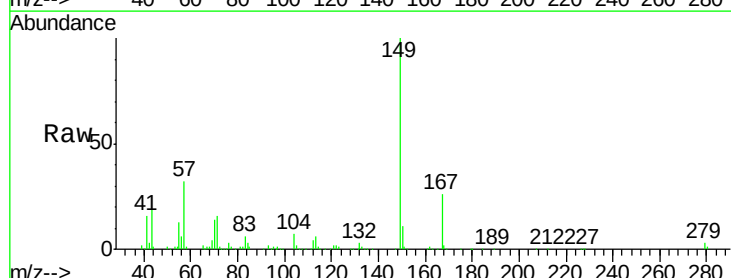
Tgt Ion: 149 Resp: 266782

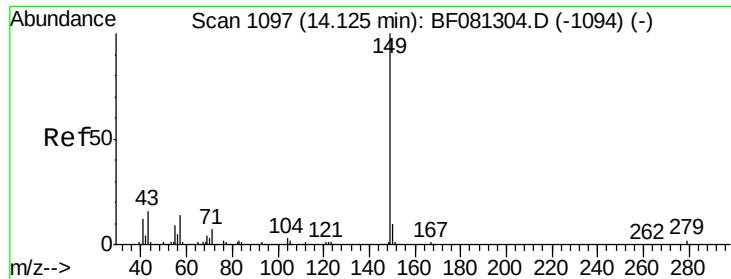
Ion Ratio Lower Upper

149 100

167 25.9 24.2 36.2

279 3.1 3.8 5.6#

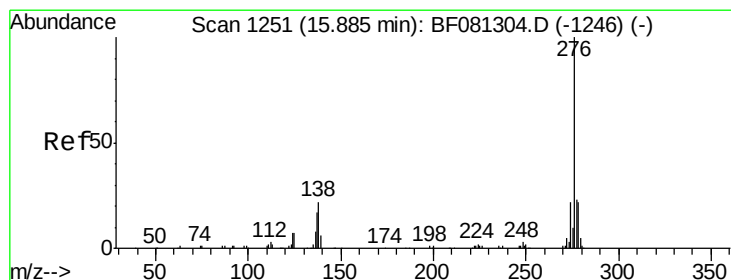
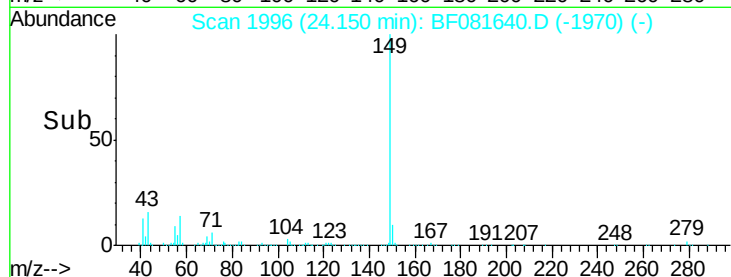
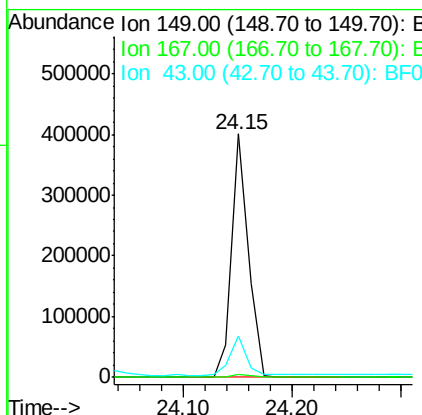
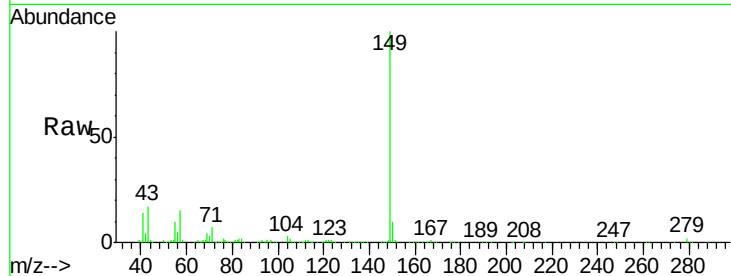




#84
Di-n-octyl phthalate
Concen: 54.34 ng
RT: 24.15 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

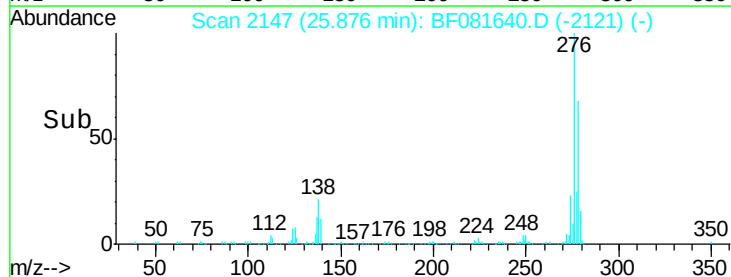
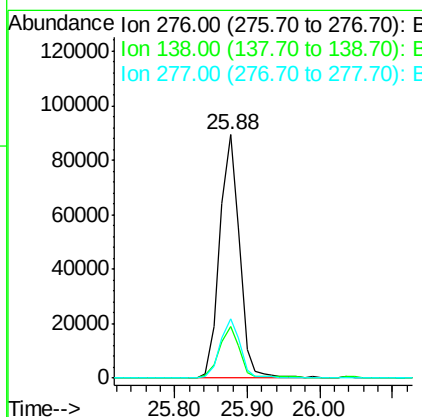
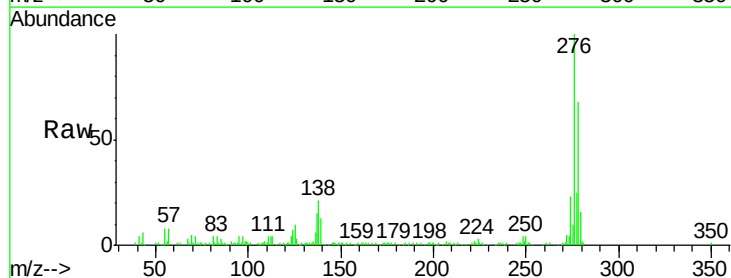
Instrument :
BNA_F
ClientSampleId :
B-20MSD

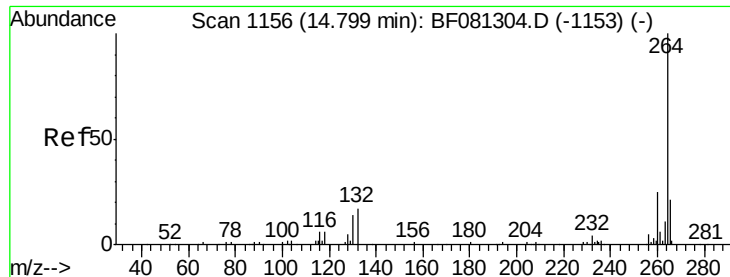
Tgt Ion:149 Resp: 418238
Ion Ratio Lower Upper
149 100
167 1.5 1.0 1.6
43 15.7 10.2 15.2#



#85
Indeno(1,2,3-cd)pyrene
Concen: 37.03 ng
RT: 25.88 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion:276 Resp: 170531
Ion Ratio Lower Upper
276 100
138 22.7 25.7 38.5#
277 24.8 15.6 23.4#



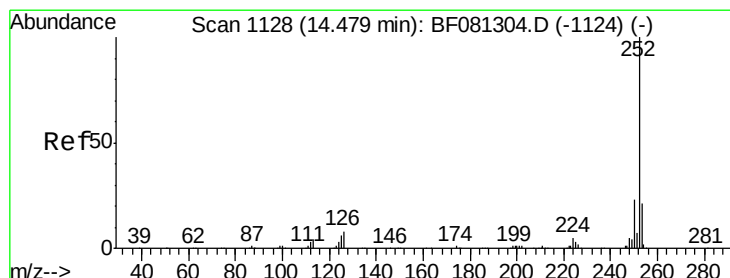
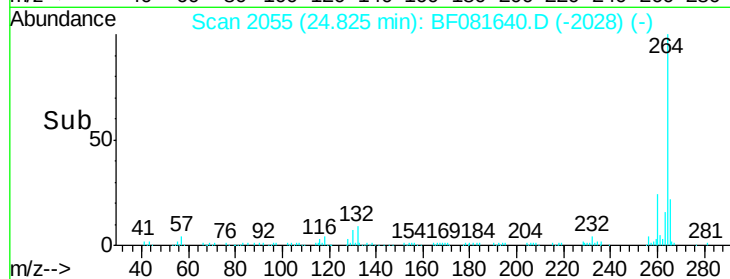
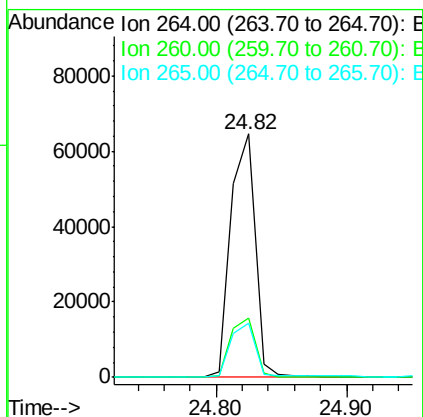
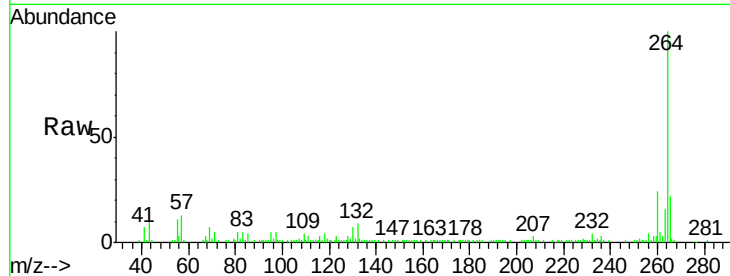


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 2055
Delta R.T. 0.01 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Instrument :
BNA_F
ClientSampleId :
B-20MSD

Tgt Ion: 264 Resp: 84003

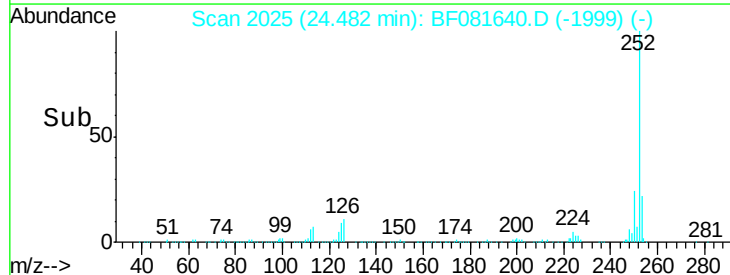
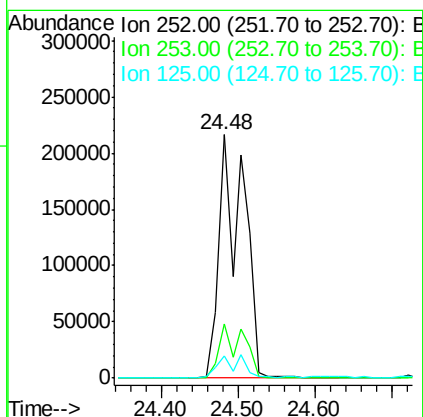
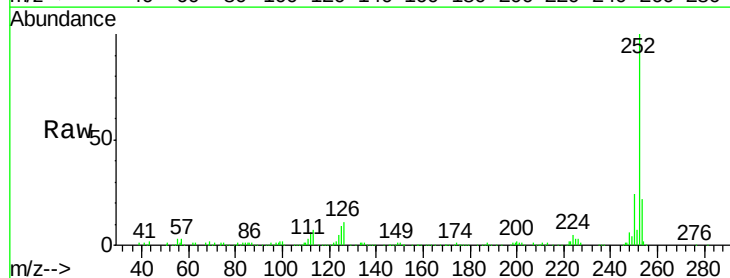
Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	22.3	17.2	25.8

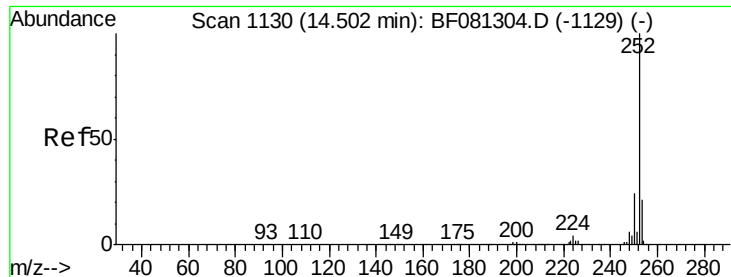


#87
Benzo(b)fluoranthene
Concen: 81.00 ng
RT: 24.48 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion: 252 Resp: 485768

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.0	17.1	25.7

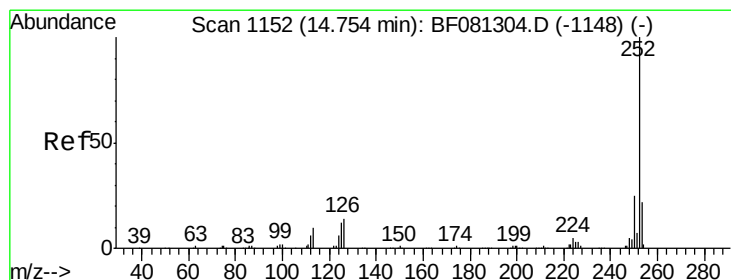
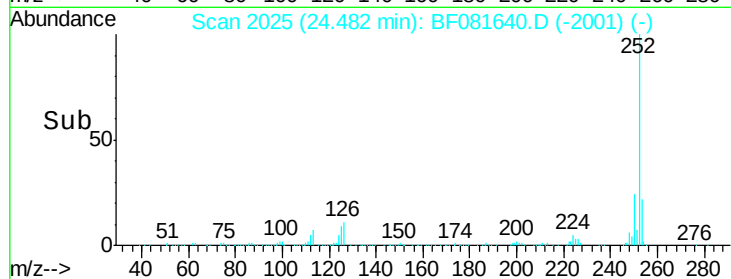
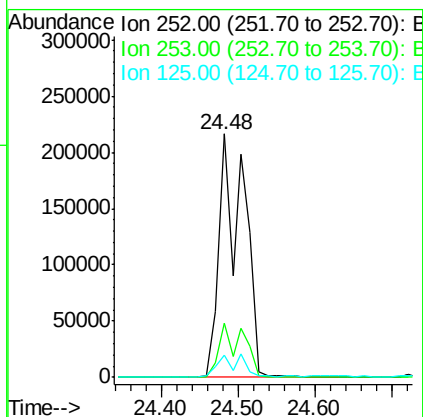
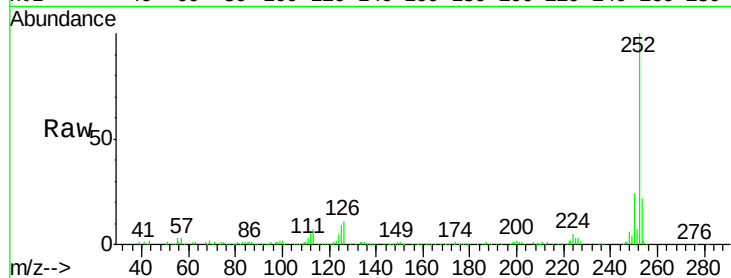




#88
Benzo(k)fluoranthene
Concen: 97.62 ng
RT: 24.48 min Scan# 2025
Delta R.T. -0.02 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

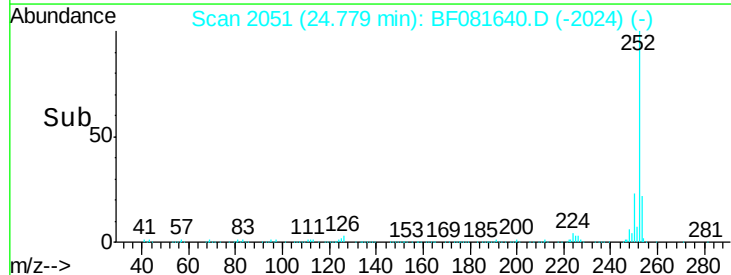
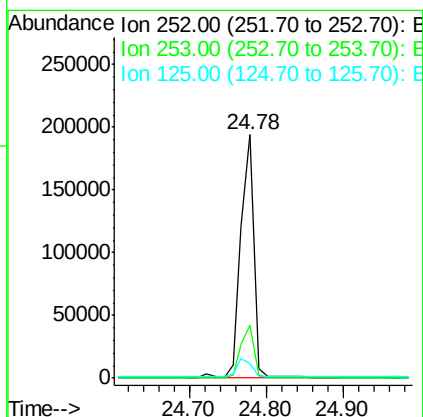
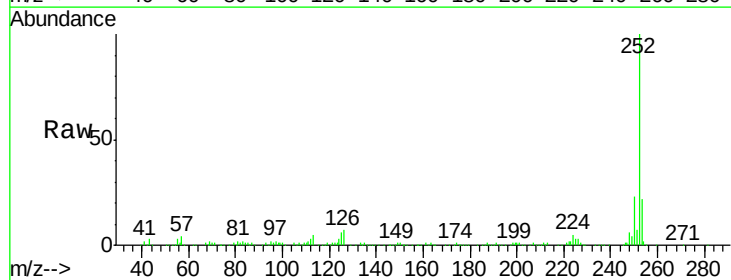
Instrument :
BNA_F
ClientSampleId :
B-20MSD

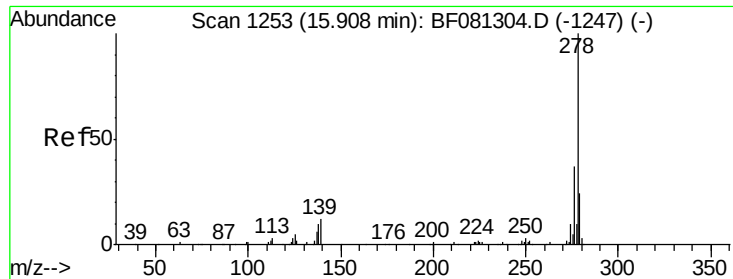
Tgt Ion: 252 Resp: 485768
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.4
125 9.0 16.0 24.0#



#89
Benzo(a)pyrene
Concen: 46.86 ng
RT: 24.78 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF081640.D
Acq: 15 Sep 2015 21:38

Tgt Ion: 252 Resp: 238156
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 5.9 18.0 27.0#





#90

Dibenzo(a,h)anthracene

Concen: 37.45 ng

RT: 25.89 min Scan# 2148

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

Instrument :

BNA_F

ClientSampleId :

B-20MSD

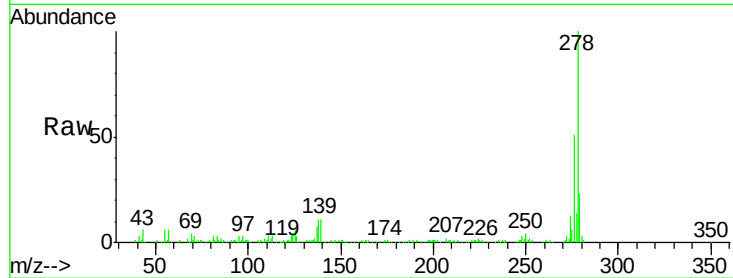
Tgt Ion:278 Resp: 147048

Ion Ratio Lower Upper

278 100

139 11.1 26.3 39.5#

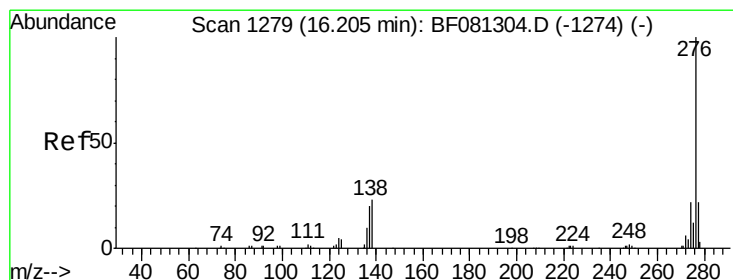
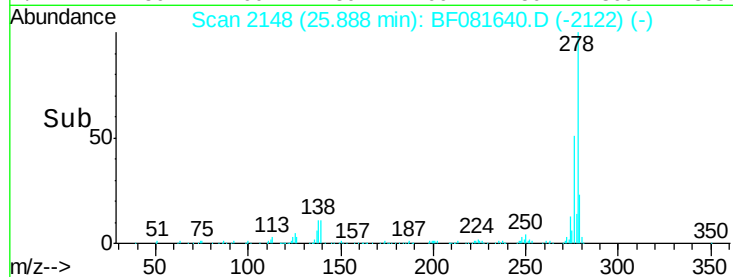
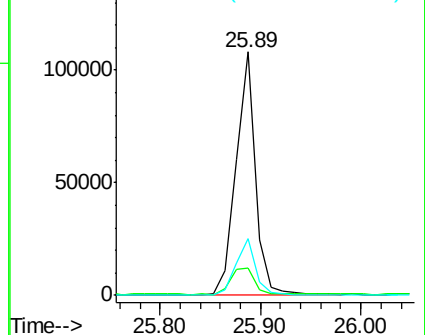
279 23.2 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 34.15 ng

RT: 26.17 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BF081640.D

Acq: 15 Sep 2015 21:38

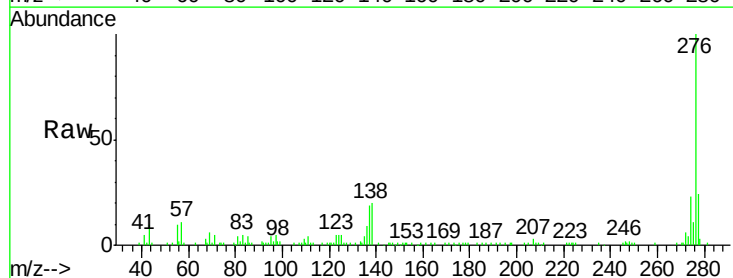
Tgt Ion:276 Resp: 128001

Ion Ratio Lower Upper

276 100

277 24.1 17.8 26.6

138 20.3 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

