

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
 Data File : BF081491.D
 Acq On : 6 Sep 2015 5:08
 Operator : UM/IZ
 Sample : G3419-06MSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HX2MSD

Quant Time: Sep 07 01:34:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 17:35:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	55098	20.00	ng	-0.03
21) Naphthalene-d8	7.64	136	190301	20.00	ng	-0.03
38) Acenaphthene-d10	9.39	164	95112	20.00	ng	-0.02
63) Phenanthrene-d10	10.86	188	175902	20.00	ng	-0.02
75) Chrysene-d12	13.46	240	135186	20.00	ng	-0.03
86) Perylene-d12	14.77	264	92458	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	173086	48.74	ng	-0.02
7) Phenol-d6	6.02	99	140848	29.96	ng	-0.03
23) Nitrobenzene-d5	6.94	82	395372	100.24	ng	-0.03
41) 2,4,6-Tribromophenol	10.18	330	99579	117.58	ng	-0.02
44) 2-Fluorobiphenyl	8.73	172	565873	76.24	ng	-0.03
78) Terphenyl-d14	12.43	244	529641	91.20	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	1.72	88	26131	16.38	ng	# 75
3) Pyridine	2.28	79	44699	10.16	ng	# 88
4) n-Nitrosodimethylamine	2.22	42	39106	16.01	ng	# 73
6) Aniline	6.02	93	126207	19.01	ng	# 79
8) 2-Chlorophenol	6.14	128	104849	26.79	ng	# 66
9) Benzaldehyde	5.90	77	20379	6.92	ng	# 82
10) Phenol	6.04	94	57822	10.61	ng	# 56
11) bis(2-Chloroethyl)ether	6.11	93	163164	41.49	ng	# 98
12) 1,3-Dichlorobenzene	6.30	146	156079	37.33	ng	# 94
13) 1,4-Dichlorobenzene	6.38	146	159877	37.55	ng	# 91
14) 1,2-Dichlorobenzene	6.30	146	156079	40.72	ng	# 95
15) Benzyl Alcohol	6.52	79	101525	26.33	ng	# 72
16) 2,2'-oxybis(1-Chloropropan	6.66	45	326435	43.30	ng	# 49
17) 2-Methylphenol	6.66	107	74581	23.89	ng	# 66
18) Hexachloroethane	6.87	117	63860	38.56	ng	# 94
19) n-Nitroso-di-n-propylamine	6.81	70	137106	42.86	ng	# 83
20) 3+4-Methylphenols	6.82	107	84940	20.18	ng	# 88
22) Acetophenone	6.79	105	245143	47.16	ng	# 76
24) Nitrobenzene	6.96	77	208711	50.95	ng	# 64
25) Isophorone	7.20	82	317198	43.24	ng	# 81
26) 2-Nitrophenol	7.28	139	66730	37.38	ng	# 53
27) 2,4-Dimethylphenol	7.35	122	100486	32.59	ng	# 83
28) bis(2-Chloroethoxy)methane	7.43	93	183863	43.39	ng	# 92
29) 2,4-Dichlorophenol	7.53	162	95259	35.63	ng	# 96
30) 1,2,4-Trichlorobenzene	7.60	180	129175	44.47	ng	# 98
31) Naphthalene	7.67	128	418499	41.24	ng	# 97
32) Benzoic acid	7.46	122	23620	12.70	ng	# 60
33) 4-Chloroaniline	7.74	127	114069	27.56	ng	# 81
34) Hexachlorobutadiene	7.79	225	75467	42.69	ng	# 97
35) Caprolactam	8.15	113	8299	10.12	ng	# 3
36) 4-Chloro-3-methylphenol	8.24	107	108996	36.42	ng	# 73
37) 2-Methylnaphthalene	8.36	142	311268	47.13	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	8.54	216	119717	39.80	ng	# 97
40) Hexachlorocyclopentadiene	8.51	237	113400	76.82	ng	# 95

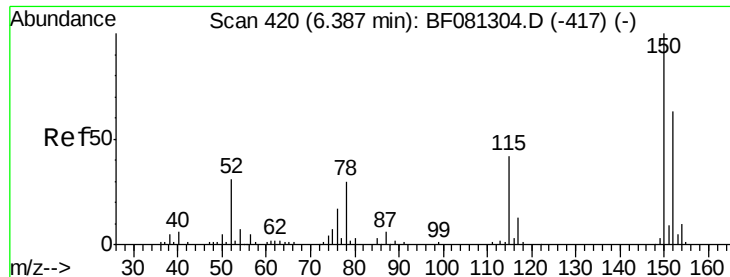
Data Path : Z:\HPCHEM1\BNA F\DATA\BF090515\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	64179	30.92	nq	99
43) 2,4,5-Trichlorophenol	8.71	196	69089	32.62	nq	# 92
45) 1,1'-Biphenyl	8.83	154	366567	41.89	nq	95
46) 2-Chloronaphthalene	8.84	162	245535	38.86	nq	# 87
47) 2-Nitroaniline	8.96	65	120394	46.75	nq	# 61
48) Acenaphthylene	9.26	152	449152	40.06	nq	96
49) Dimethylphthalate	9.15	163	339538	45.95	nq	# 97
50) 2,6-Dinitrotoluene	9.21	165	68625	40.92	nq	# 88
51) Acenaphthene	9.43	154	278667	43.69	nq	89
52) 3-Nitroaniline	9.37	138	63131	33.06	nq	# 58
53) 2,4-Dinitrophenol	9.48	184	54726	77.47	nq	# 63
54) Dibenzofuran	9.60	168	408177	43.83	nq	# 87
55) 4-Nitrophenol	9.60	139	198446	165.43	nq	# 32
56) 2,4-Dinitrotoluene	9.60	165	85647	40.10	nq	# 1
57) Fluorene	9.93	166	290716	41.14	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.68	232	53655	33.18	nq	96
59) Diethylphthalate	9.84	149	307743	39.59	nq	95
60) 4-Chlorophenyl-phenylether	9.94	204	147048	44.64	nq	96
61) 4-Nitroaniline	9.98	138	67996	35.25	nq	# 24
62) Azobenzene	10.09	77	340712	39.42	nq	80
64) 4,6-Dinitro-2-methylphenol	10.01	198	38537	39.17	nq	95
65) n-Nitrosodiphenylamine	10.07	169	262124	40.95	nq	92
66) 4-Bromophenyl-phenylether	10.42	248	81384	45.76	nq	96
67) Hexachlorobenzene	10.48	284	85668	46.07	nq	# 79
68) Atrazine	10.60	200	76321	41.20	nq	81
69) Pentachlorophenol	10.68	266	71989	79.57	nq	97
70) Phenanthrene	10.88	178	389140	39.79	nq	96
71) Anthracene	10.94	178	416488	41.45	nq	98
72) Carbazole	11.10	167	378029	40.10	nq	# 95
73) Di-n-butylphthalate	11.45	149	519407	46.65	nq	# 98
74) Fluoranthene	12.06	202	451900	42.69	nq	84
77) Pyrene	12.27	202	453389	45.28	nq	99
79) Butylbenzylphthalate	12.93	149	222215	51.02	nq	90
80) Benzo(a)anthracene	13.45	228	349183	40.56	nq	97
81) 3,3'-Dichlorobenzidine	13.43	252	65480	22.55	nq	# 96
82) Chrysene	13.49	228	283178	36.69	nq	95
83) Bis(2-ethylhexyl)phthalate	13.49	149	261872	45.56	nq	# 88
84) Di-n-octyl phthalate	14.09	149	397370	41.99	nq	96
85) Indeno(1,2,3-cd)pyrene	15.84	276	266687	47.10	nq	# 84
87) Benzo(b)fluoranthene	14.47	252	524017	79.39	nq	# 85
88) Benzo(k)fluoranthene	14.47	252	524017	95.67	nq	# 85
89) Benzo(a)pyrene	14.72	252	233799	41.80	nq	# 87
90) Dibenzo(a,h)anthracene	15.85	278	217267	50.27	nq	# 81
91) Benzo(g,h,i)perylene	16.16	276	220458	53.44	nq	# 76

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

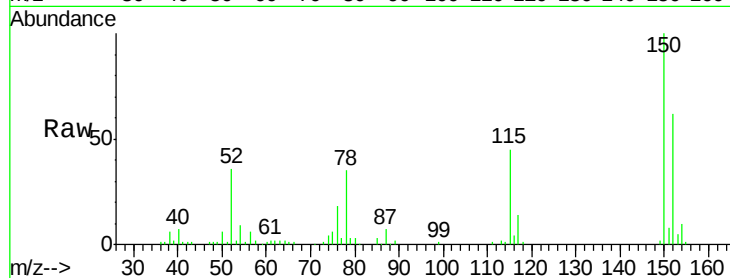
Tot Ion:152 Resp: 55098

Ion Ratio Lower Upper

152 100

150 160.8 124.7 187.1

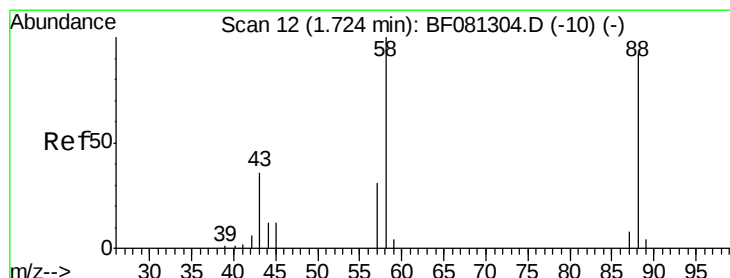
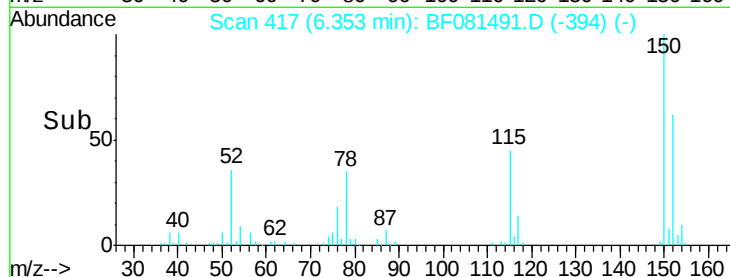
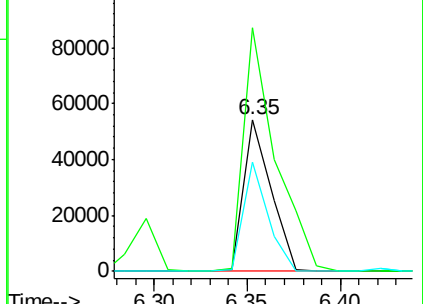
115 72.2 39.0 58.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 16.38 ng

RT: 1.72 min Scan# 12

Delta R.T. 0.00 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

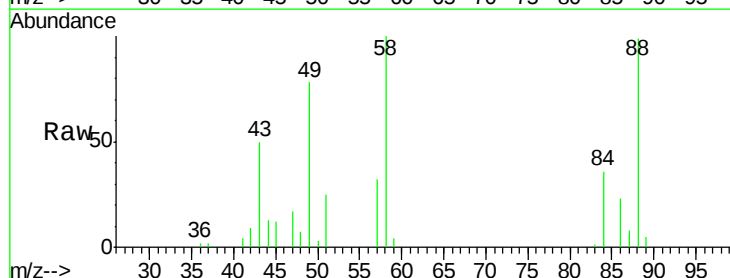
Tgt Ion: 88 Resp: 26131

Ion Ratio Lower Upper

88 100

58 103.5 77.7 116.5

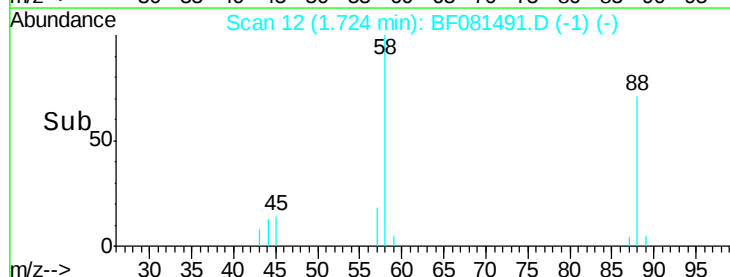
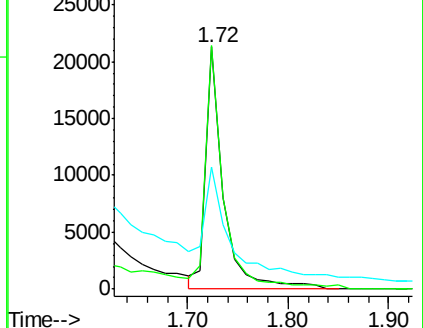
43 78.5 26.6 40.0#

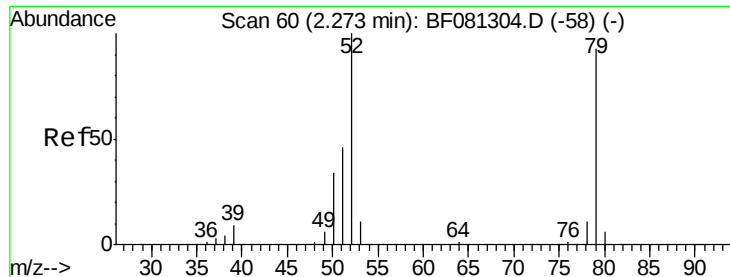


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 10.16 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.01 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

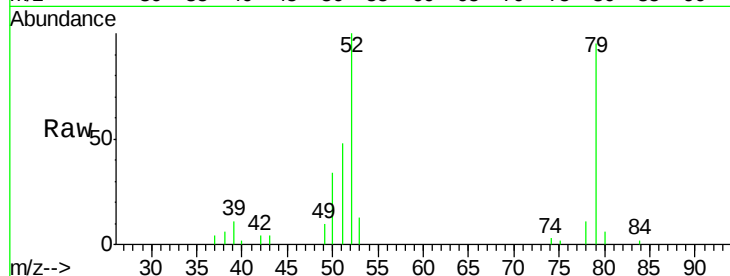
Tot Ion: 79 Resp: 44699

Ion Ratio Lower Upper

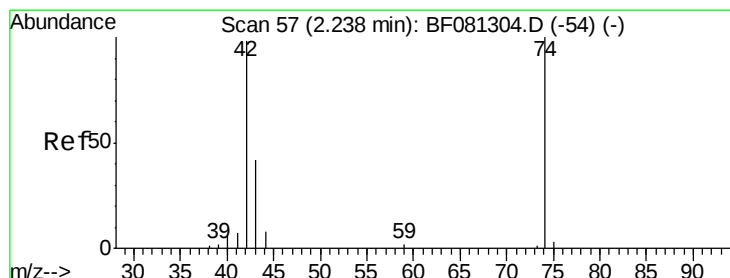
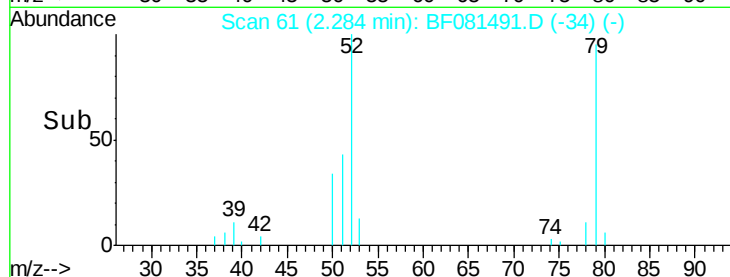
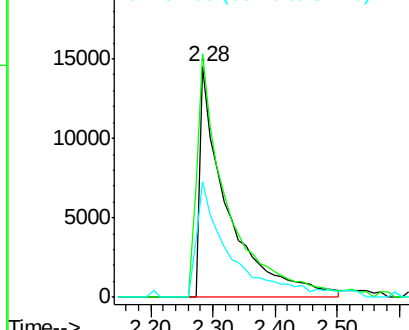
79 100

52 105.8 76.8 115.2

51 50.5 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: 16.01 ng

RT: 2.22 min Scan# 55

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

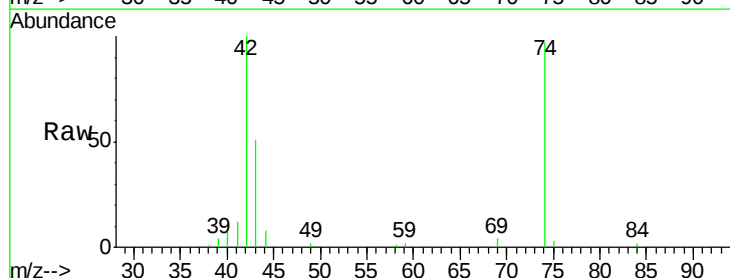
Tgt Ion: 42 Resp: 39106

Ion Ratio Lower Upper

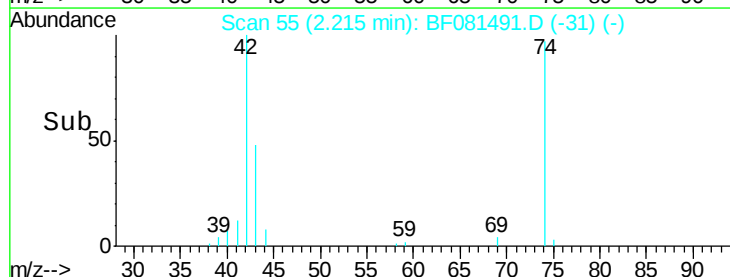
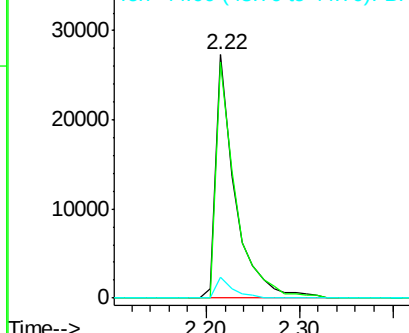
42 100

74 97.2 105.0 157.6#

44 8.4 6.6 10.0



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





#5

2-Fluorophenol

Concen: 48.74 ng

RT: 4.90 min Scan# 290

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

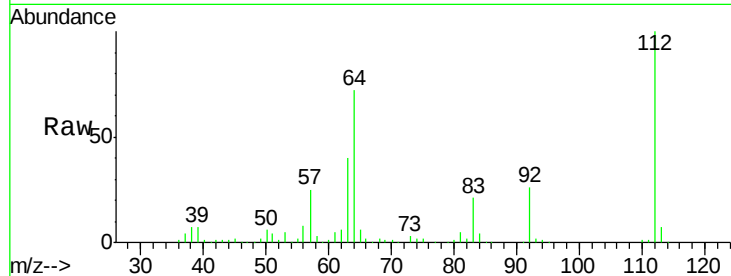
Tot Ion:112 Resp: 173086

Ion Ratio Lower Upper

112 100

64 72.1 39.7 59.5#

63 39.8 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

4.90

200000

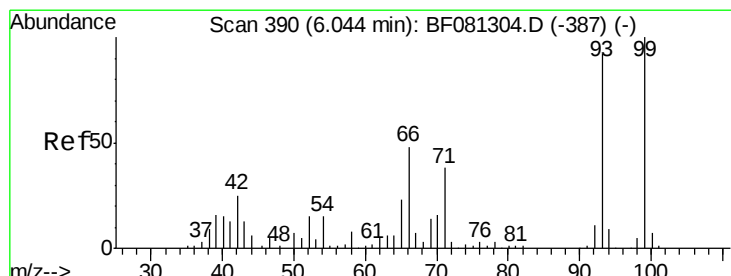
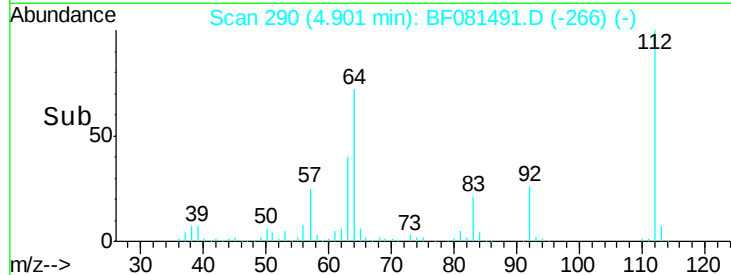
150000

100000

50000

0

Time-->



#6

Aniline

Concen: 19.01 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

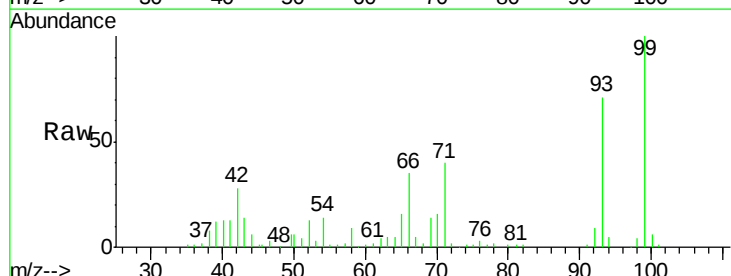
Tgt Ion: 93 Resp: 126207

Ion Ratio Lower Upper

93 100

66 49.7 27.2 40.8#

65 22.0 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

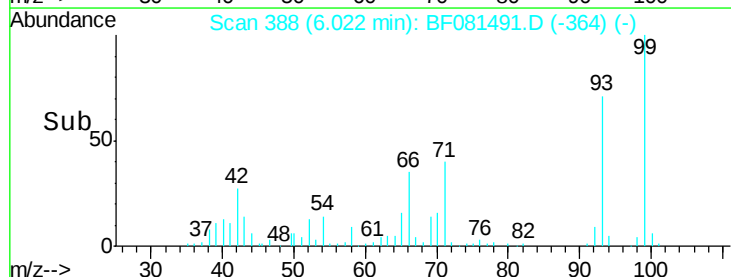
150000

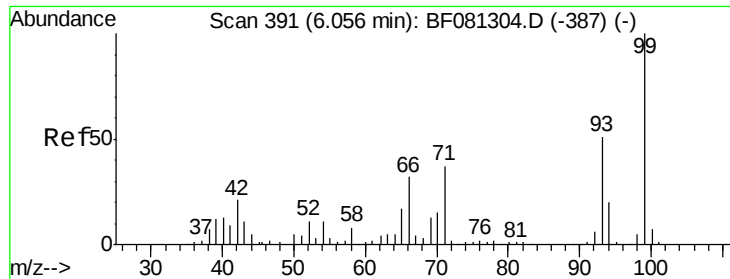
100000

50000

0

Time-->





#7

Phenol-d6

Concen: 29.96 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

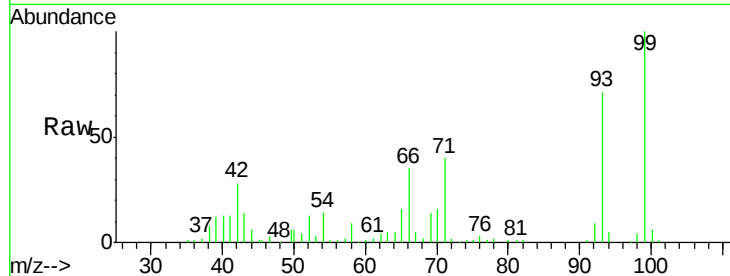
Tot Ion: 99 Resp: 140848

Ion Ratio Lower Upper

99 100

42 27.8 13.7 20.5#

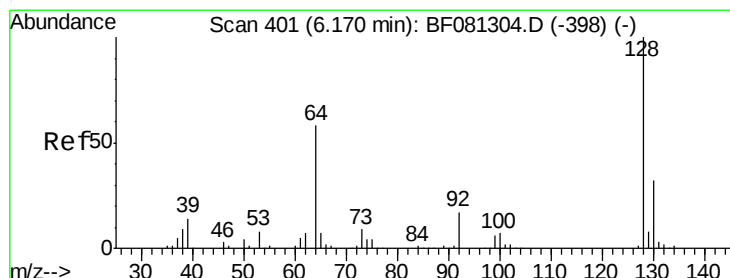
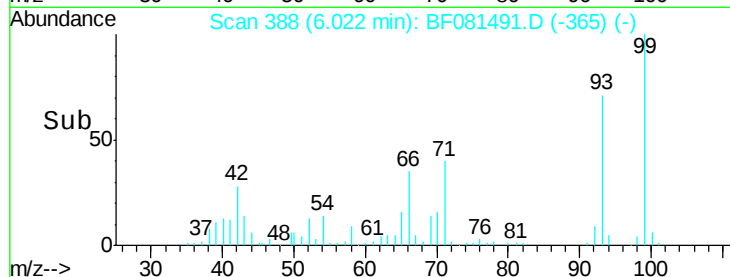
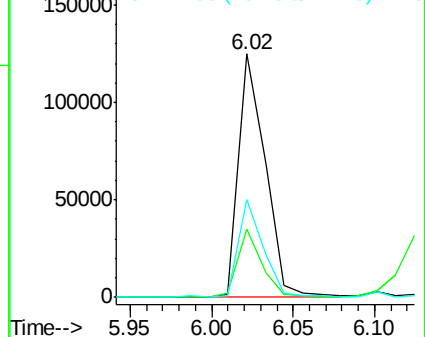
71 40.4 14.2 21.2#



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: 26.79 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

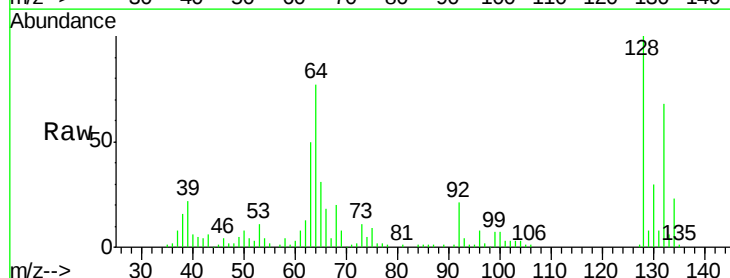
Tgt Ion: 128 Resp: 104849

Ion Ratio Lower Upper

128 100

130 30.2 12.2 52.2

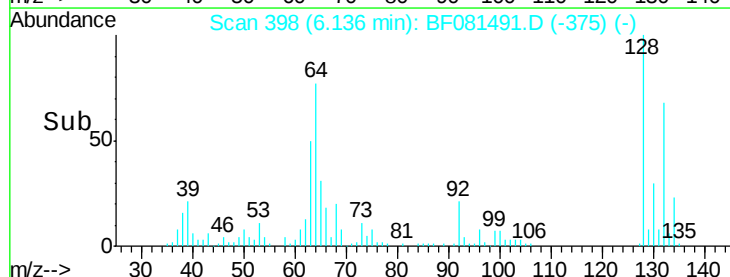
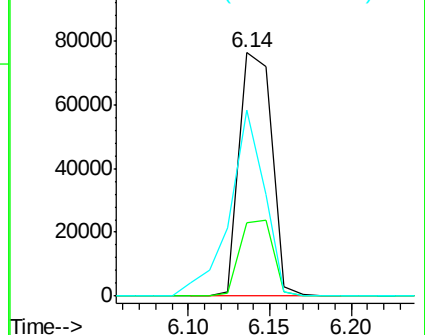
64 76.6 20.5 60.5#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

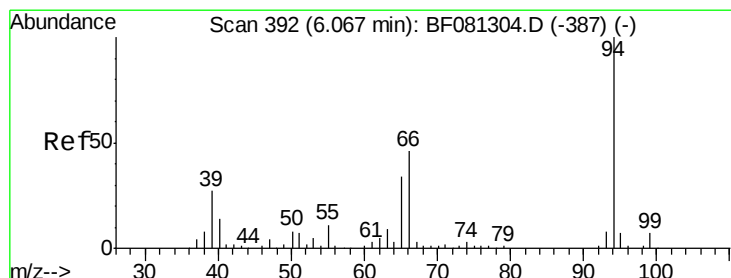
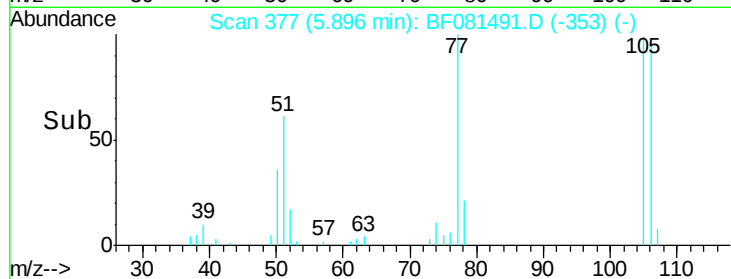
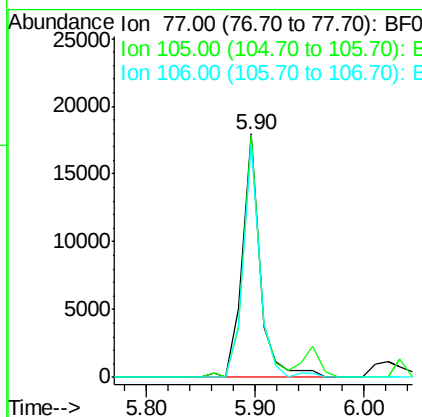
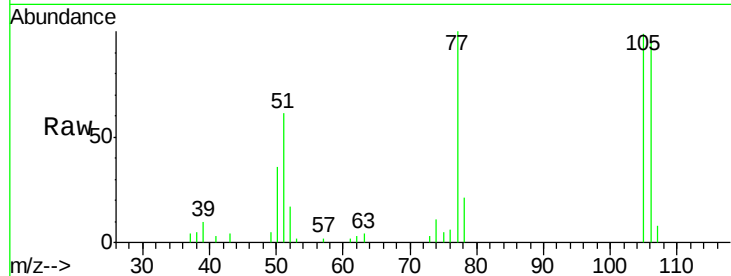




#9
Benzaldehyde
Concen: 6.92 ng
RT: 5.90 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

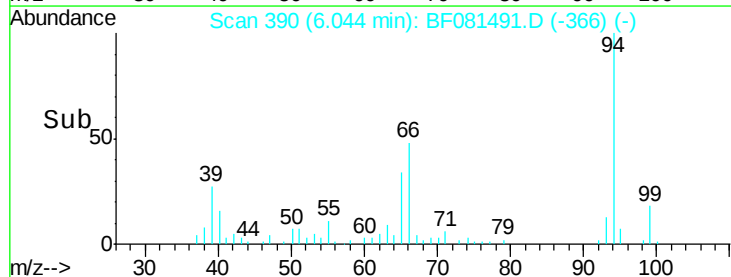
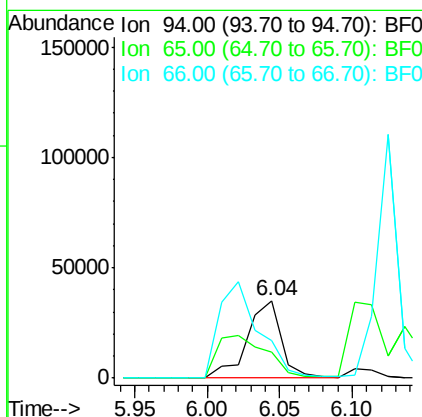
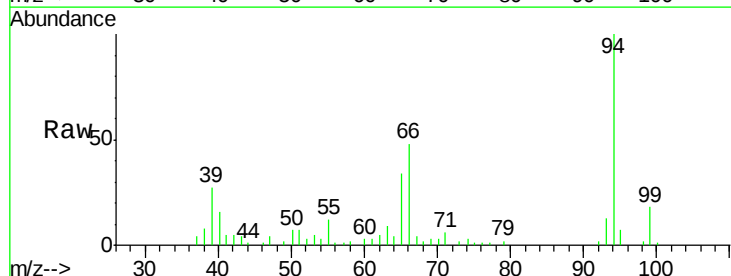
Instrument :
BNA_F
ClientSampleId :
HX2MSD

Tot Ion: 77 Resp: 20379
Ion Ratio Lower Upper
77 100
105 99.4 91.6 131.6
106 95.8 102.6 142.6#



#10
Phenol
Concen: 10.61 ng
RT: 6.04 min Scan# 390
Delta R.T. -0.02 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 94 Resp: 57822
Ion Ratio Lower Upper
94 100
65 34.4 0.7 40.7
66 48.0 0.8 40.8#

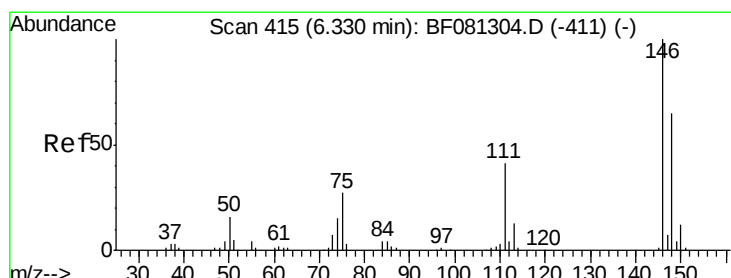
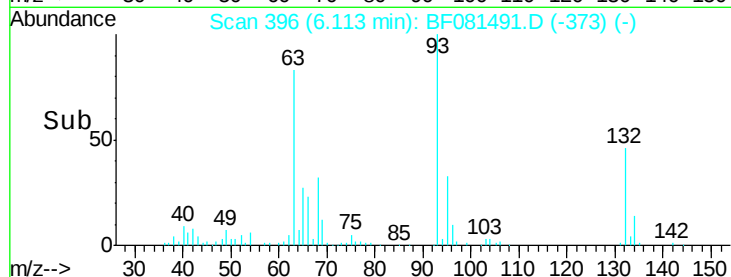
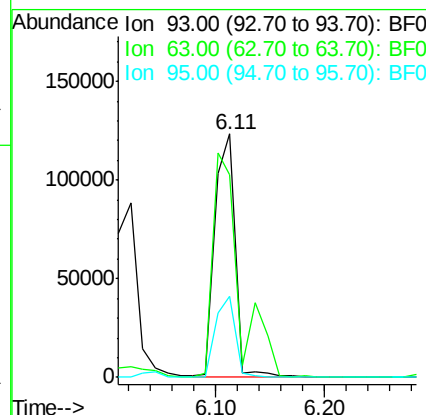
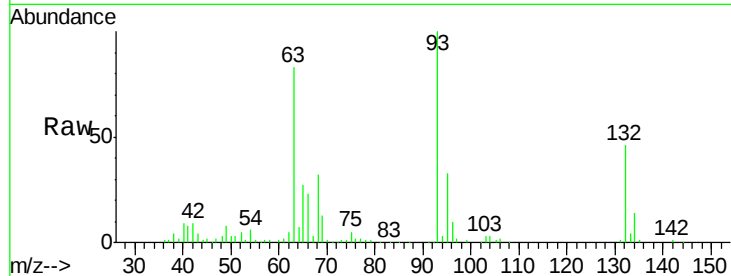




#11
bis(2-Chloroethyl)ether
Concen: 41.49 ng
RT: 6.11 min Scan# 396
Delta R.T. -0.03 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

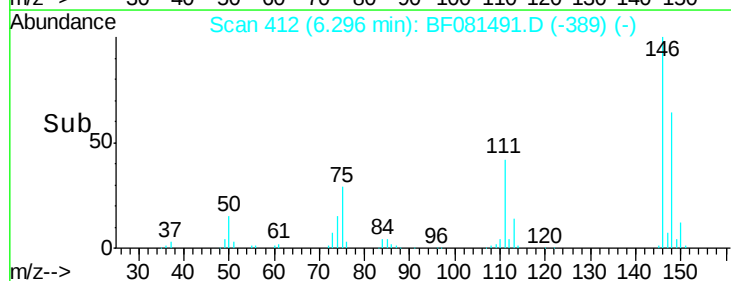
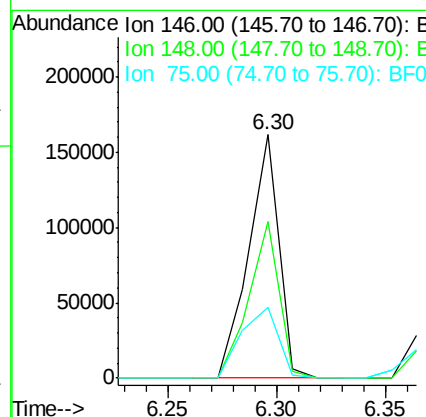
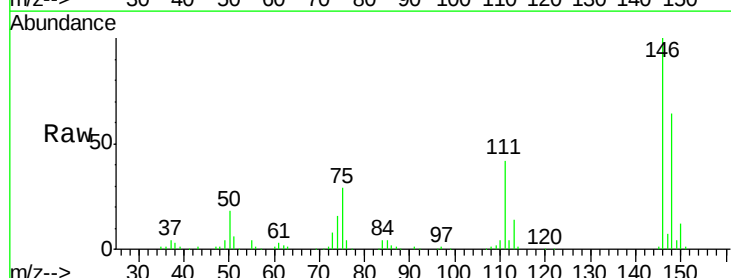
Instrument :
BNA_F
ClientSampleId :
HX2MSD

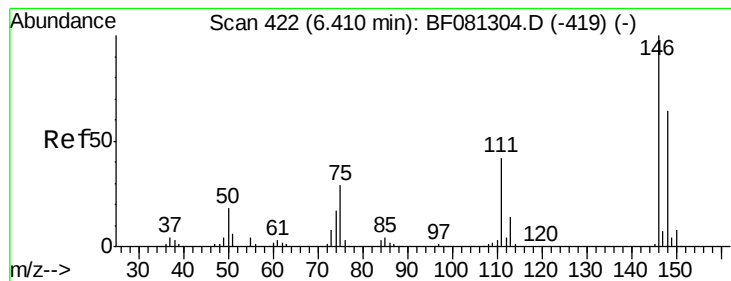
Tot Ion: 93 Resp: 163164
Ion Ratio Lower Upper
93 100
63 83.2 65.6 105.6
95 33.1 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 37.33 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 146 Resp: 156079
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.4
75 29.0 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 37.55 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

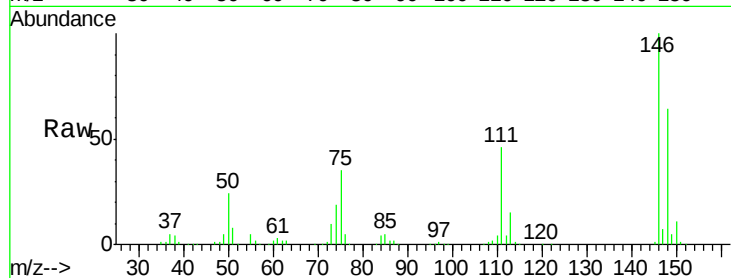
Tot Ion:146 Resp: 159877

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

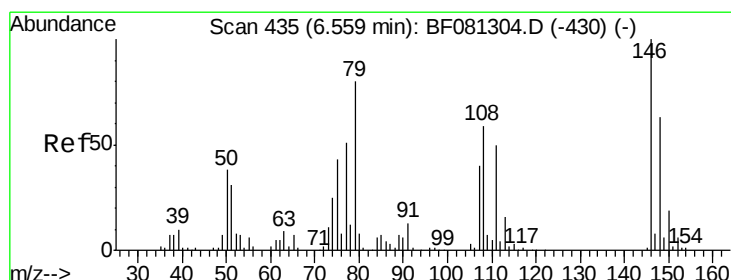
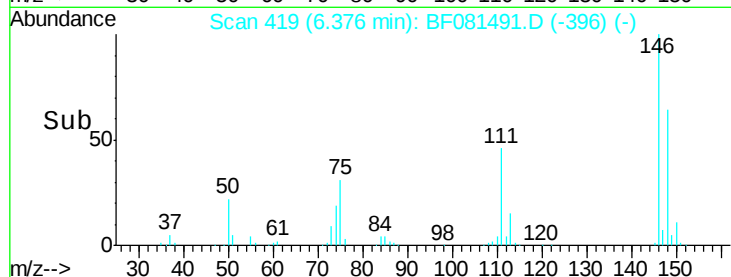
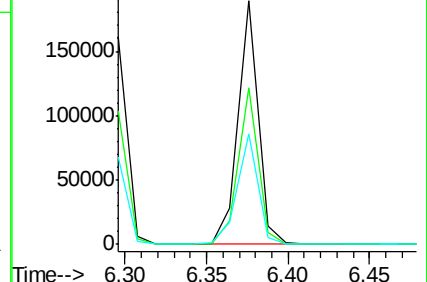
111 45.6 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.72 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.26 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

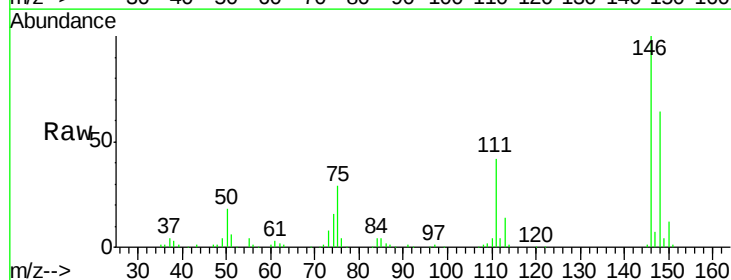
Tgt Ion:146 Resp: 156079

Ion Ratio Lower Upper

146 100

148 64.4 52.7 79.1

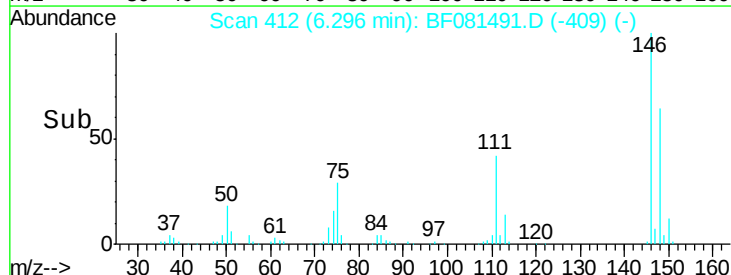
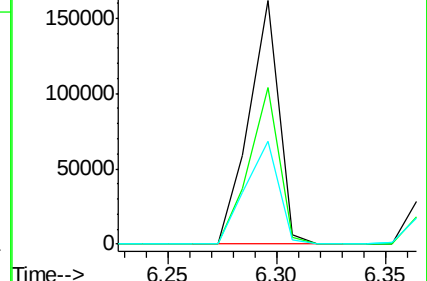
111 42.0 28.8 43.2

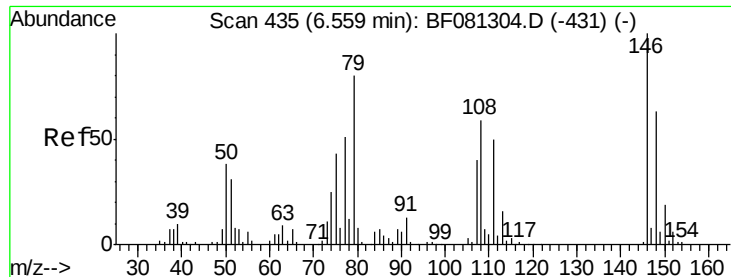


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 26.33 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleID :

HX2MSD

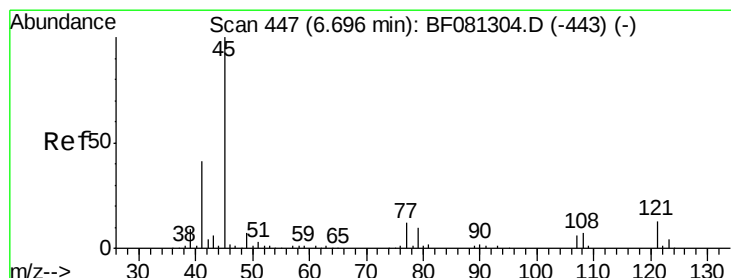
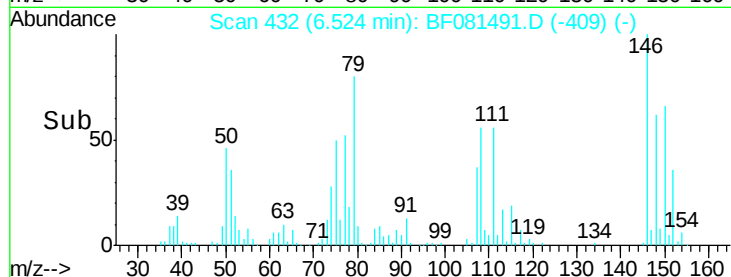
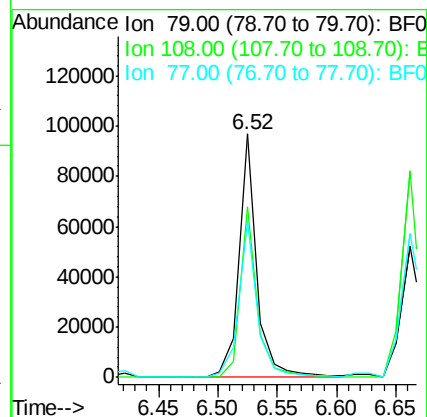
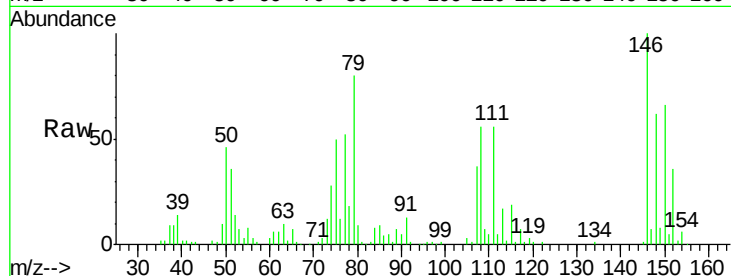
Tot Ion: 79 Resp: 101525

Ion Ratio Lower Upper

79 100

108 70.1 88.6 132.8#

77 64.4 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.30 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

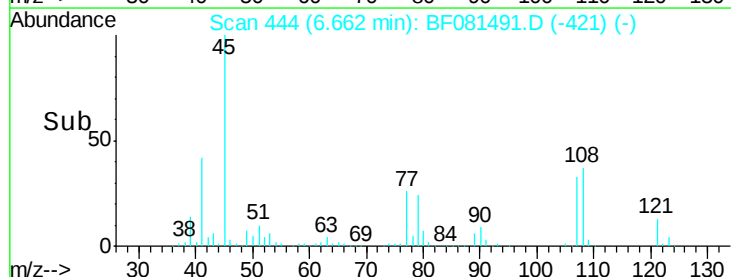
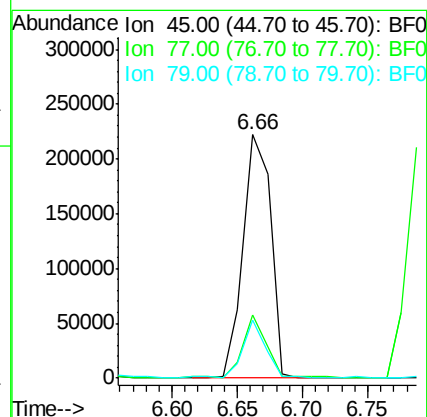
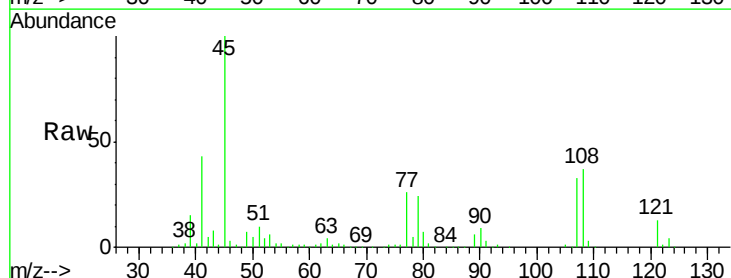
Tgt Ion: 45 Resp: 326435

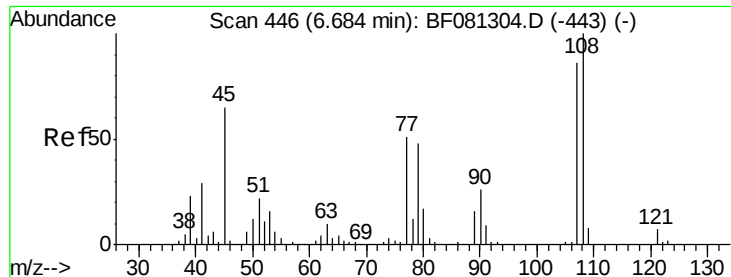
Ion Ratio Lower Upper

45 100

77 25.9 0.0 28.1

79 23.6 0.0 26.0

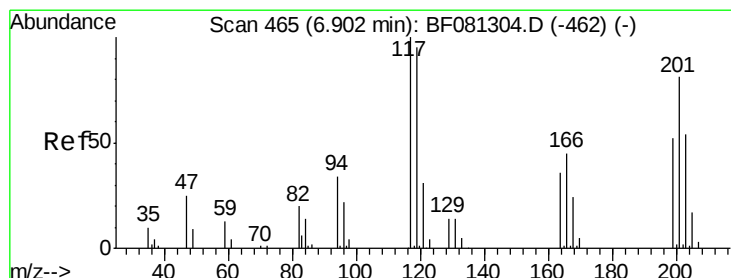
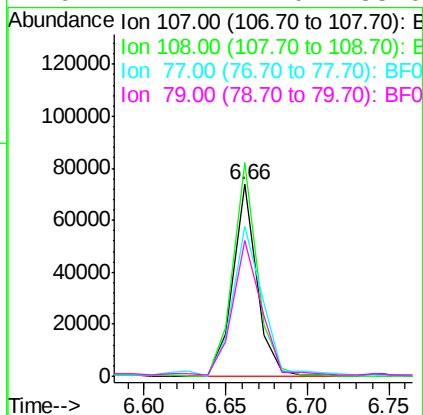
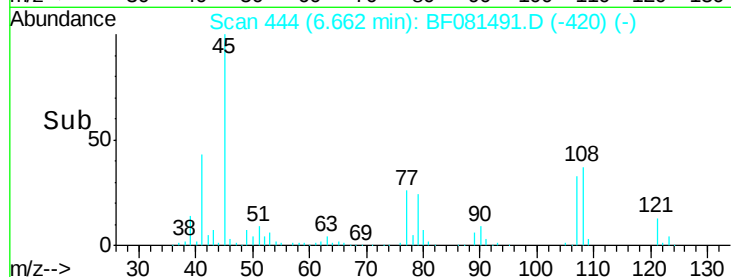
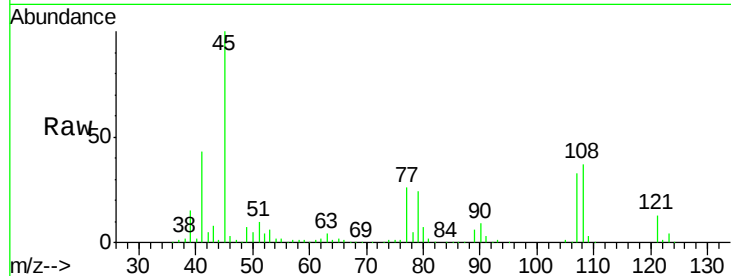




#17
2-Methylphenol
Concen: 23.89 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

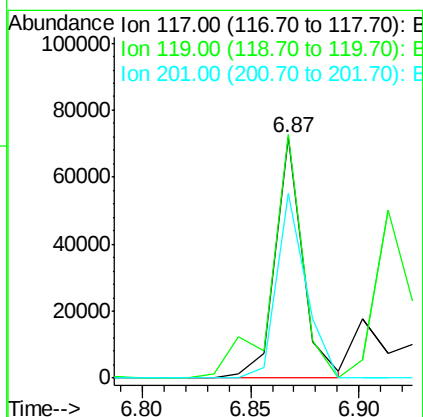
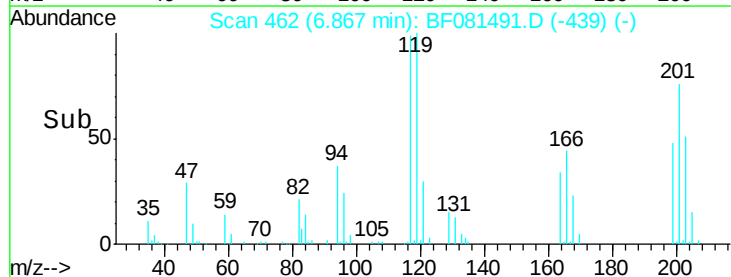
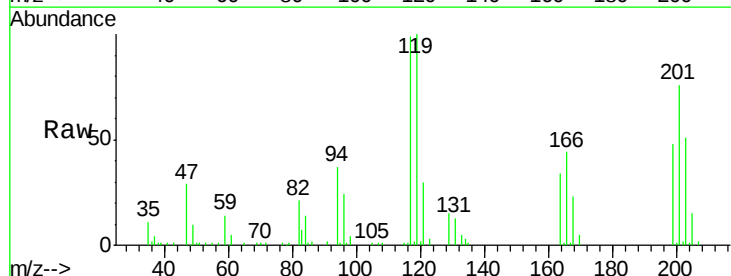
Instrument :
BNA_F
ClientSampleId :
HX2MSD

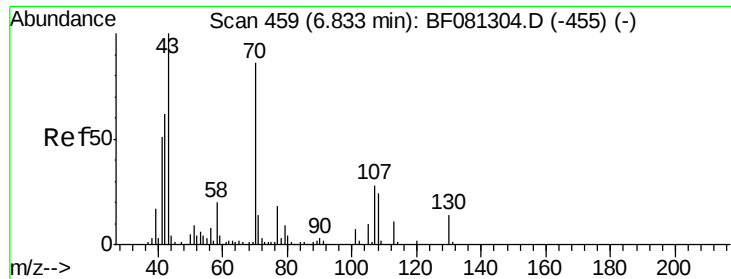
Tot Ion:107 Resp: 74581
Ion Ratio Lower Upper
107 100
108 111.6 96.6 145.0
77 78.1 23.3 34.9#
79 71.1 22.0 33.0#



#18
Hexachloroethane
Concen: 38.56 ng
RT: 6.87 min Scan# 462
Delta R.T. -0.03 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:117 Resp: 63860
Ion Ratio Lower Upper
117 100
119 101.1 83.8 125.6
201 76.4 55.1 82.7

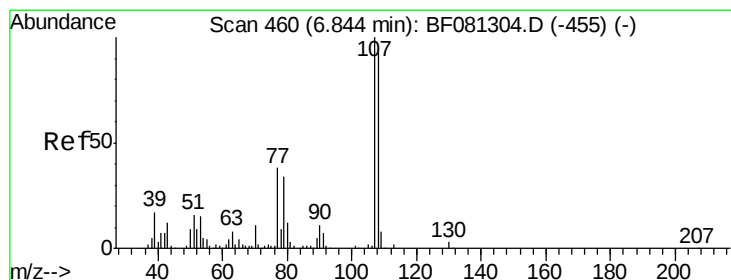
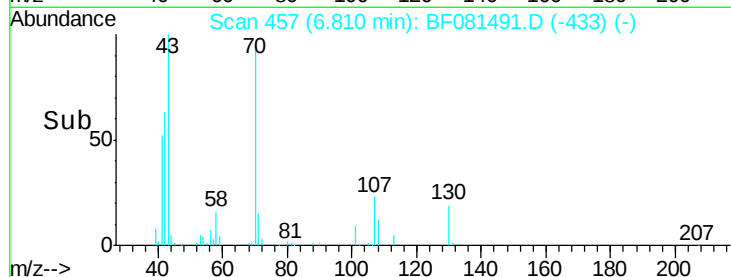
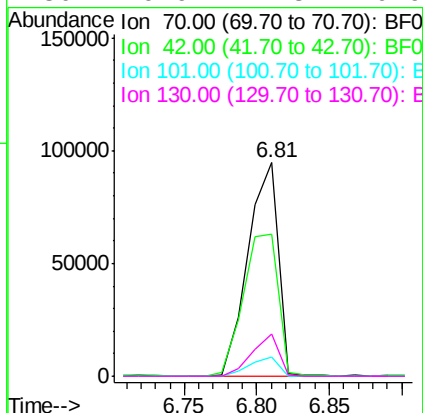
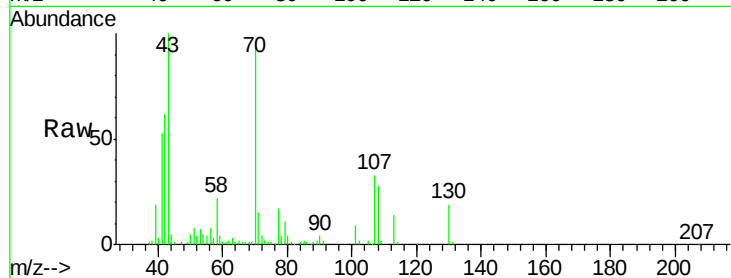




#19
n-Nitroso-di-n-propylamine
Concen: 42.86 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

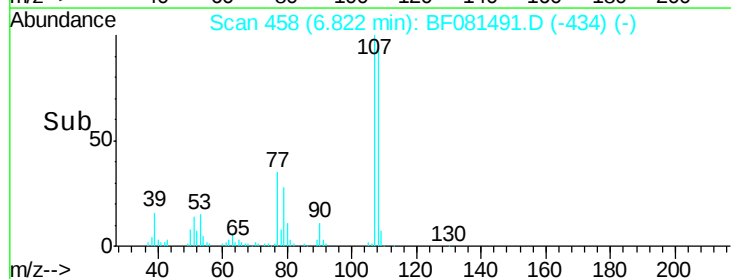
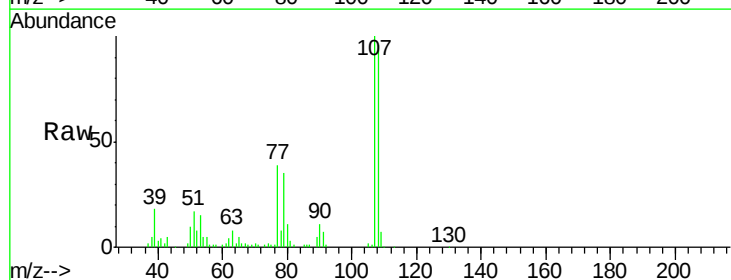
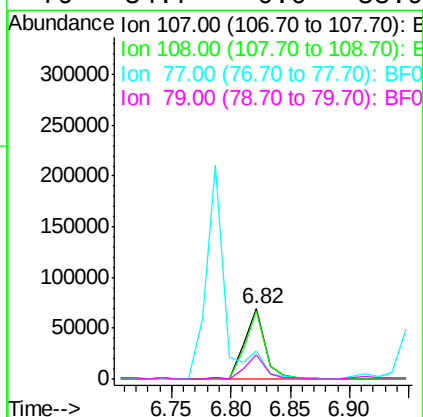
Instrument :
BNA_F
ClientSampled :
HX2MSD

Tot Ion: 70 Resp: 137106
Ion Ratio Lower Upper
70 100
42 66.7 63.8 95.6
101 9.3 9.2 13.8
130 19.9 27.3 40.9#



#20
3+4-Methylphenols
Concen: 20.18 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:107 Resp: 84940
Ion Ratio Lower Upper
107 100
108 96.3 74.6 114.6
77 39.4 0.7 40.7
79 34.7 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

Tot Ion:136 Resp: 190301

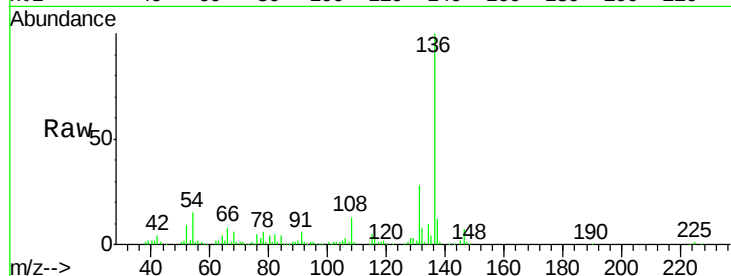
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 14.9 8.2 12.2#

68 6.5 5.8 8.6

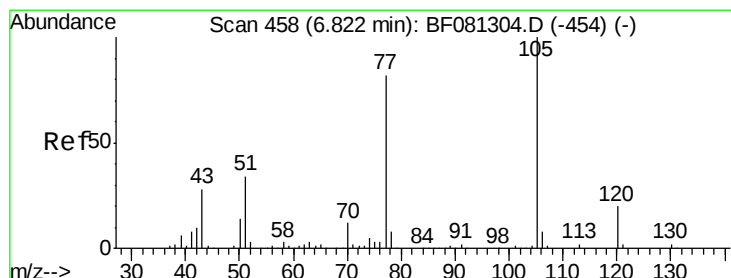
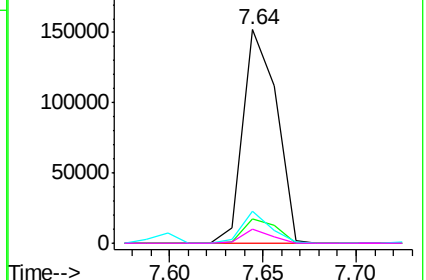
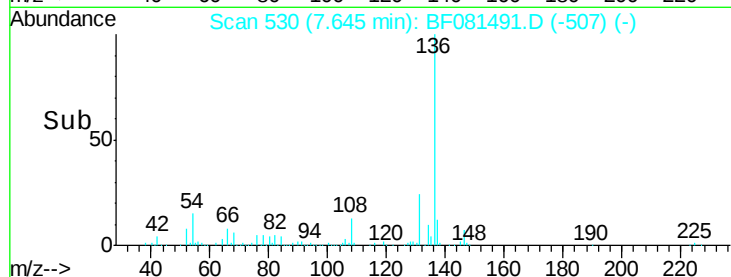


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.16 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Tgt Ion:105 Resp: 245143

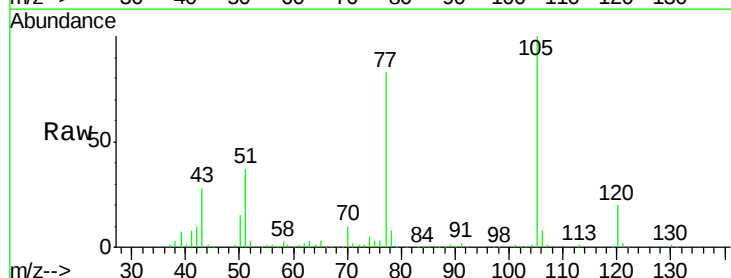
Ion Ratio Lower Upper

105 100

71 1.9 4.7 7.1#

51 36.9 22.0 33.0#

120 19.8 30.1 45.1#

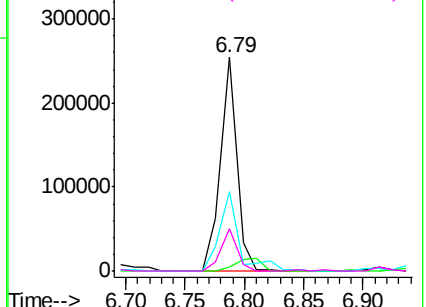
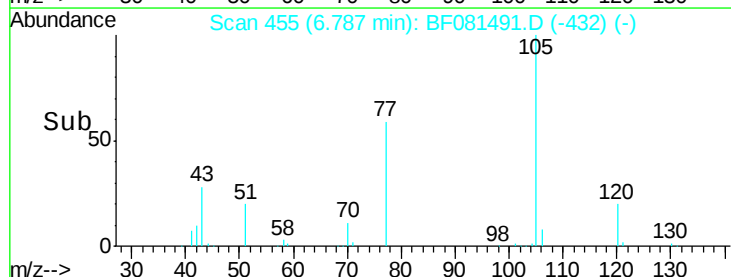


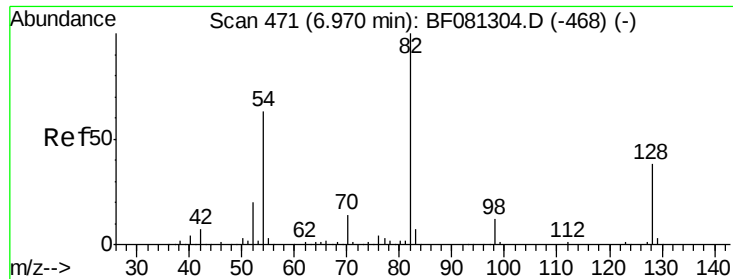
Abundance Ion 105.00 (104.70 to 105.70): E

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

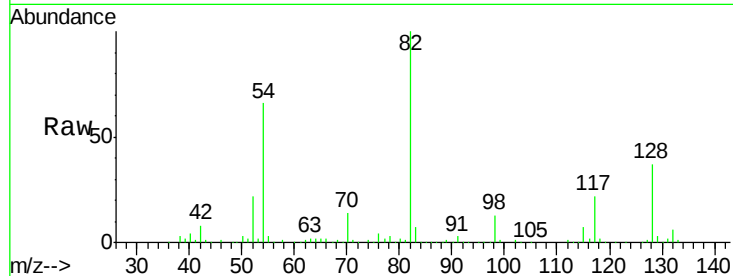




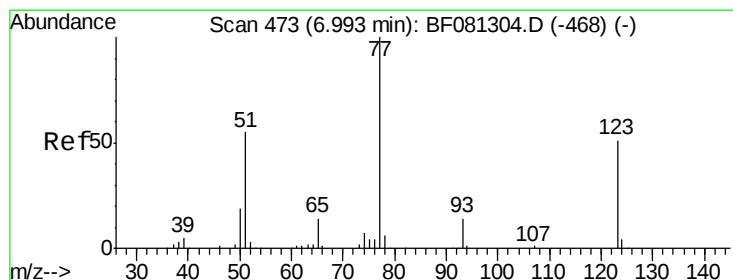
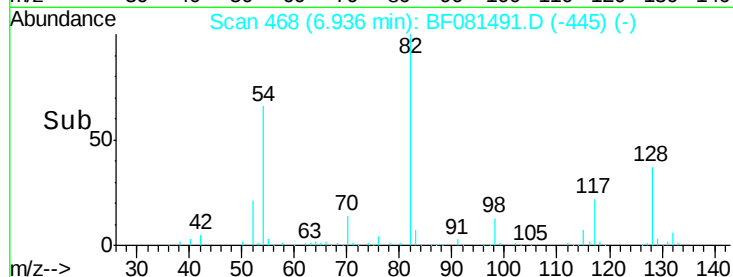
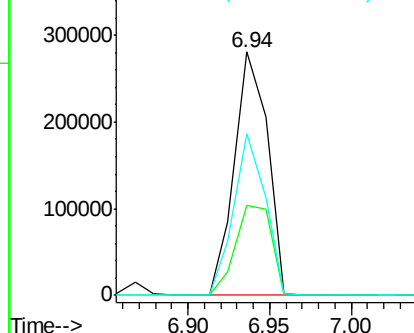
#23
 Nitrobenzene-d5
 Concen: 100.24 ng
 RT: 6.94 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF081491.D
 Acq: 6 Sep 2015 5:08

Instrument :
 BNA_F
 ClientSampleId :
 HX2MSD

Tot Ion: 82 Resp: 395372
 Ion Ratio Lower Upper
 82 100
 128 36.8 51.0 76.6#
 54 66.3 47.5 71.3

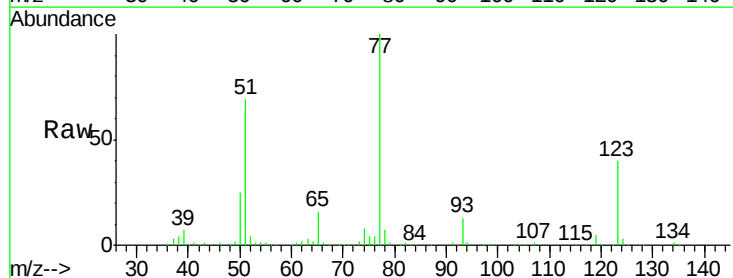


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

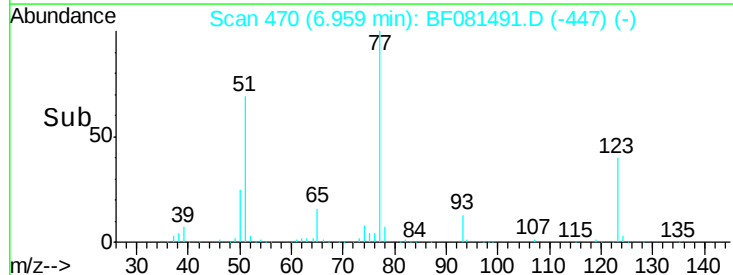
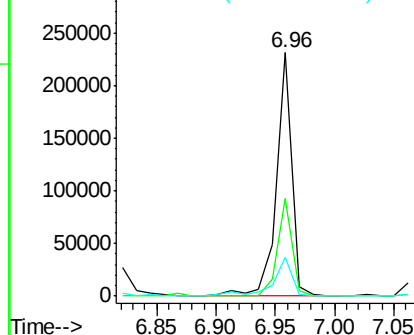


#24
 Nitrobenzene
 Concen: 50.95 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF081491.D
 Acq: 6 Sep 2015 5:08

Tgt Ion: 77 Resp: 208711
 Ion Ratio Lower Upper
 77 100
 123 40.1 59.8 89.8#
 65 16.2 10.2 15.4#



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





#25

Isophorone

Concen: 43.24 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

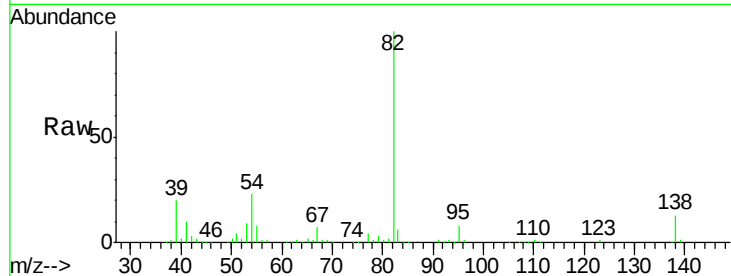
Tot Ion: 82 Resp: 317198

Ion Ratio Lower Upper

82 100

95 7.5 4.0 6.0#

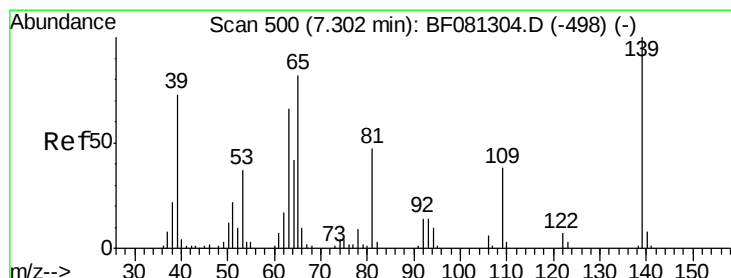
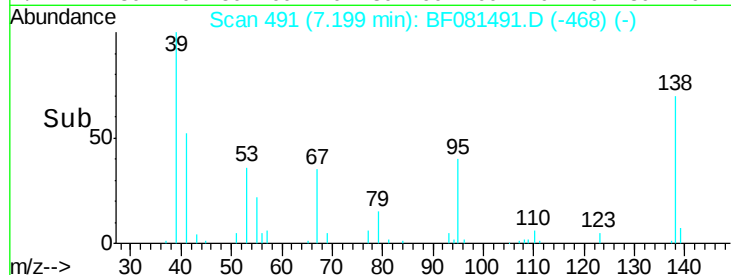
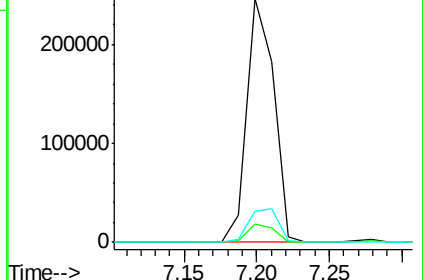
138 12.8 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.38 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

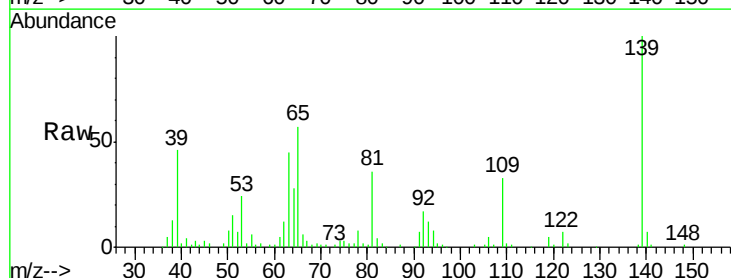
Tgt Ion: 139 Resp: 66730

Ion Ratio Lower Upper

139 100

109 32.6 11.0 16.4#

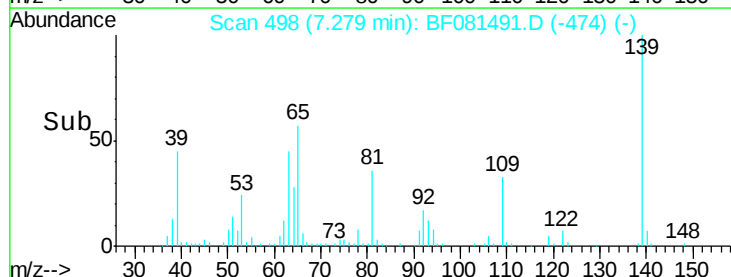
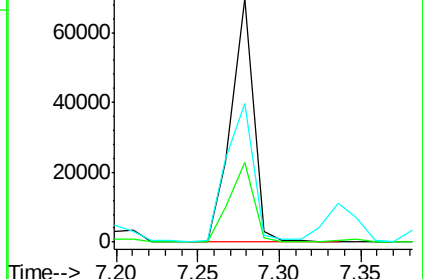
65 56.9 24.7 37.1#

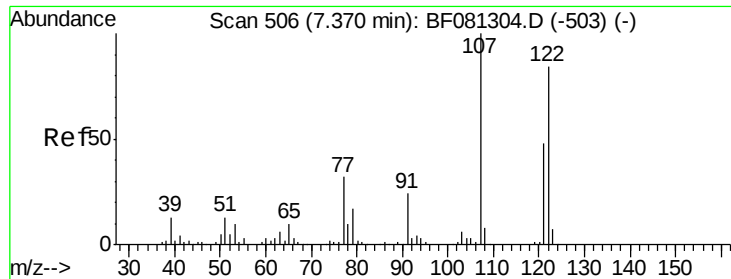


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 32.59 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

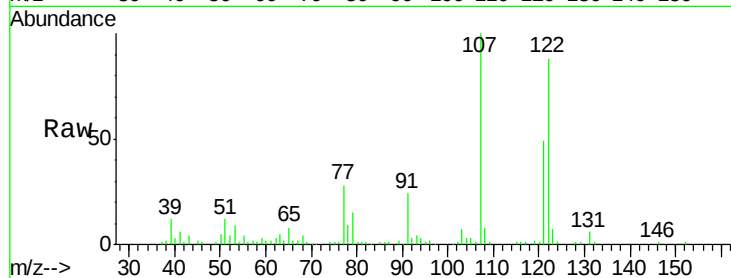
Tot Ion:122 Resp: 100486

Ion Ratio Lower Upper

122 100

107 113.2 71.8 107.6#

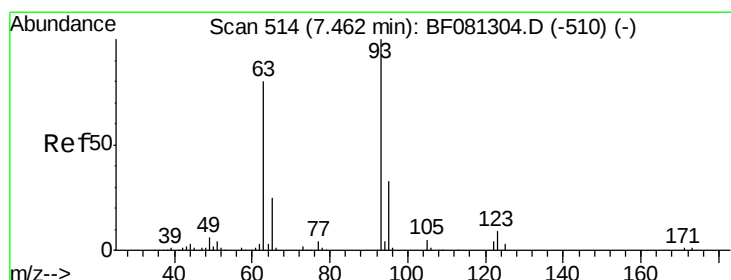
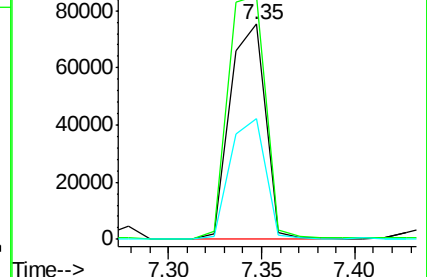
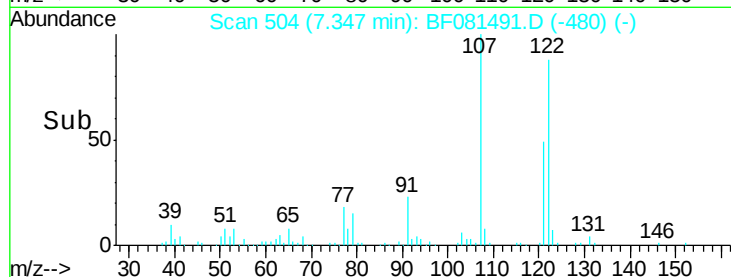
121 56.0 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.39 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

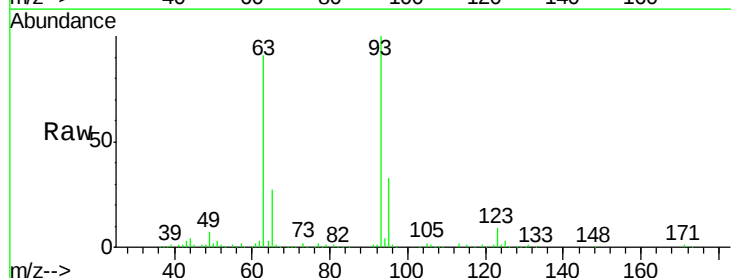
Tgt Ion: 93 Resp: 183863

Ion Ratio Lower Upper

93 100

95 33.2 27.5 41.3

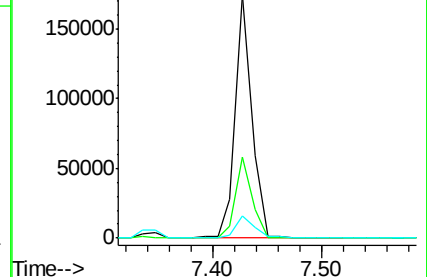
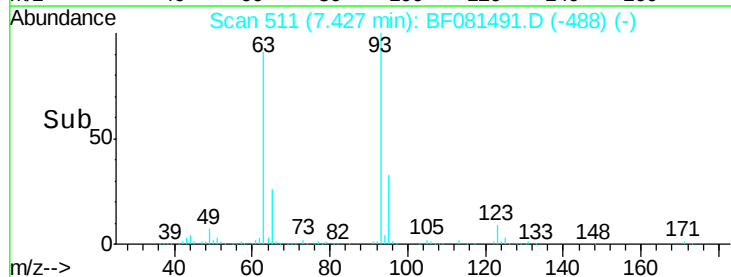
123 8.9 13.7 20.5#

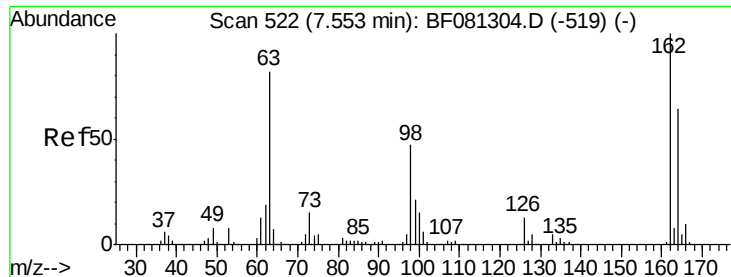


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

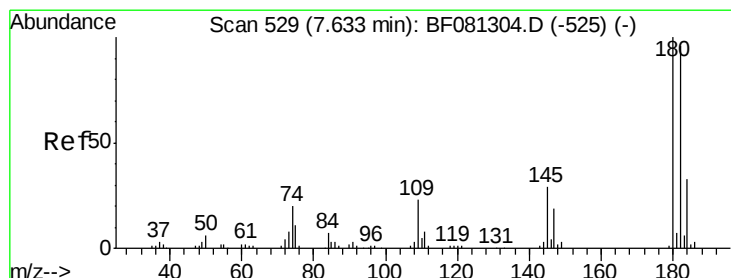
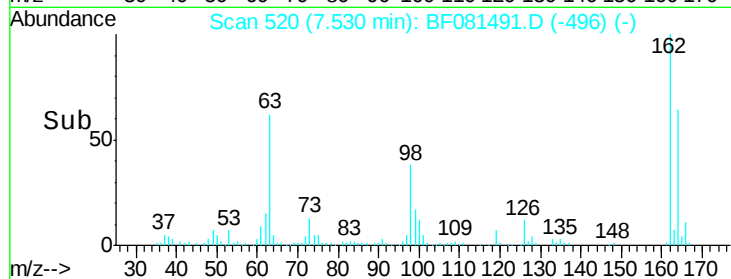
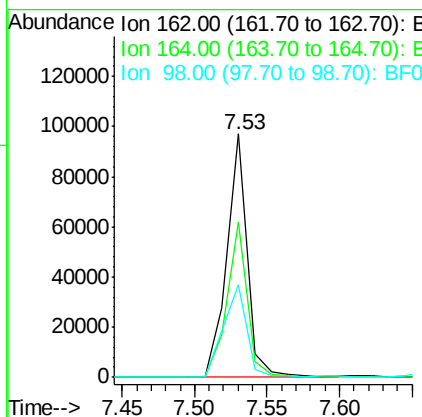
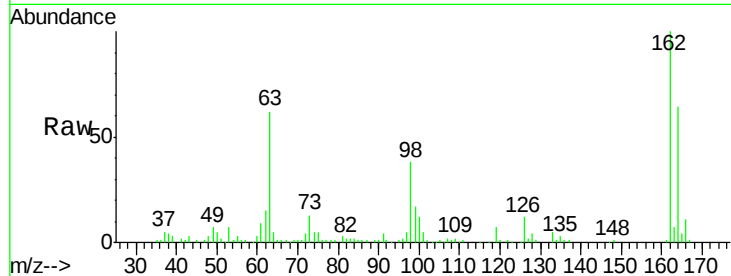




#29
 2,4-Dichlorophenol
 Concen: 35.63 ng
 RT: 7.53 min Scan# 520
 Delta R.T. -0.02 min
 Lab File: BF081491.D
 Acq: 6 Sep 2015 5:08

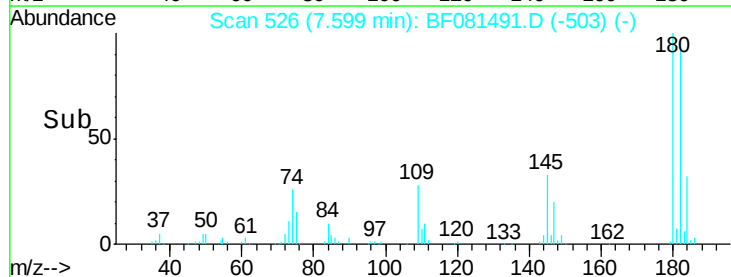
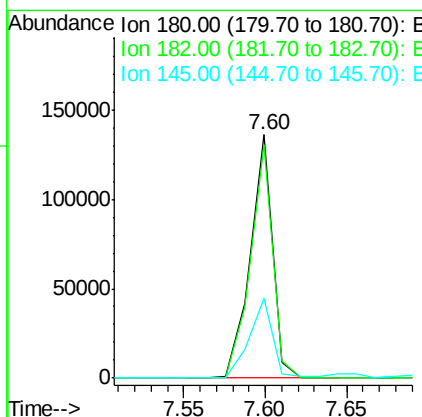
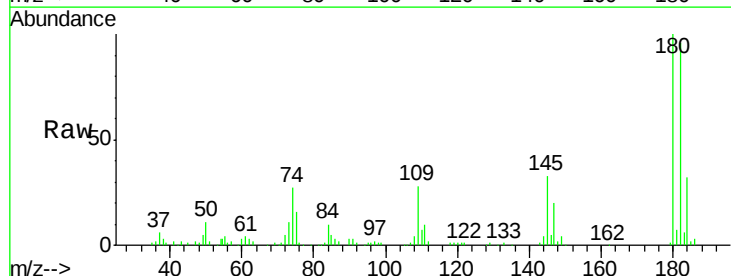
Instrument :
 BNA_F
 ClientSampleId :
 HX2MSD

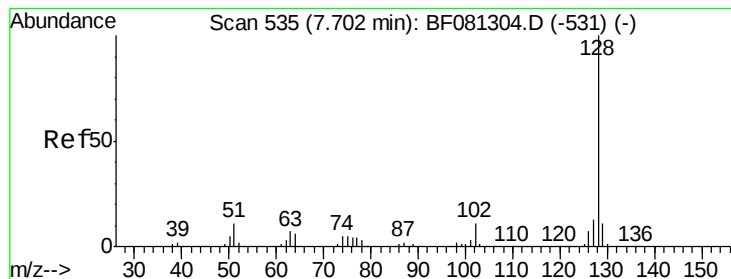
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.9	84.9
98	38.2	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 44.47 ng
 RT: 7.60 min Scan# 526
 Delta R.T. -0.03 min
 Lab File: BF081491.D
 Acq: 6 Sep 2015 5:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.1	115.7
145	32.5	23.3	34.9





#31

Naphthalene

Concen: 41.24 ng

RT: 7.67 min Scan# 532

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

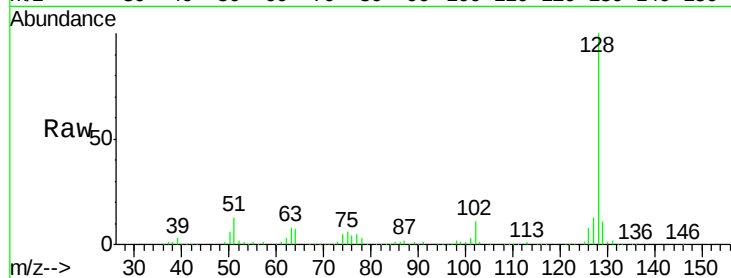
Tot Ion:128 Resp: 418499

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

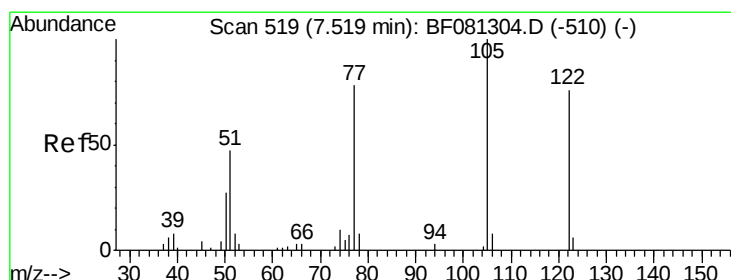
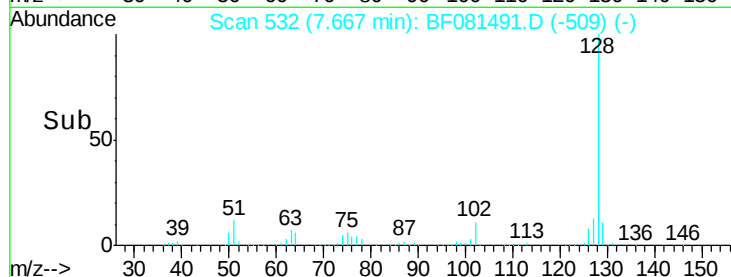
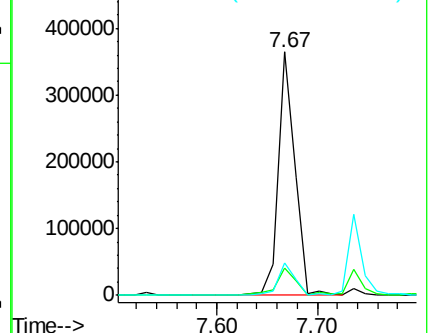
127 13.4 9.9 14.9



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: 12.70 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.06 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

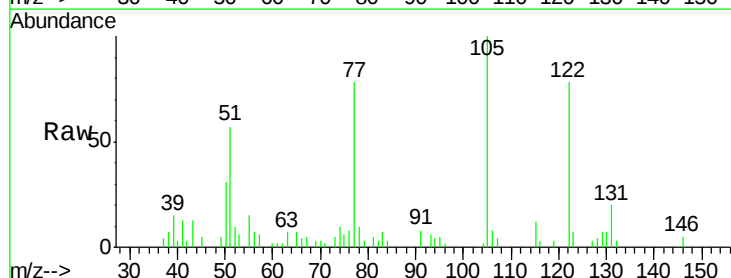
Tgt Ion:122 Resp: 23620

Ion Ratio Lower Upper

122 100

105 128.2 76.1 116.1#

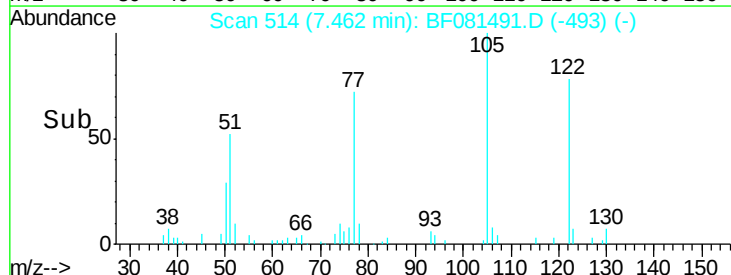
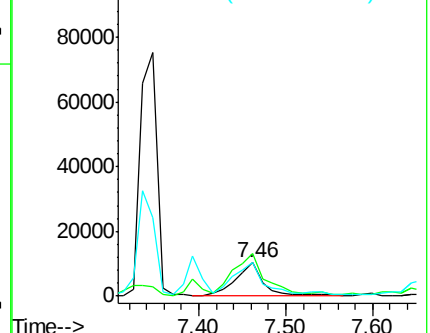
77 100.1 40.5 80.5#

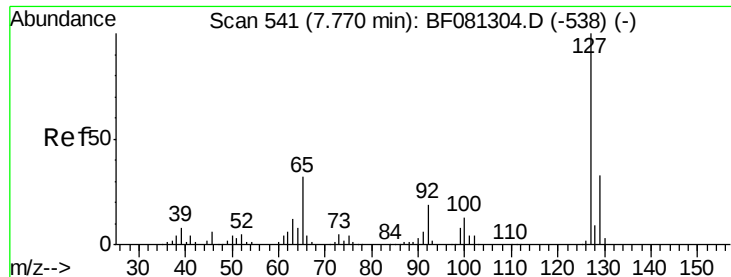


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

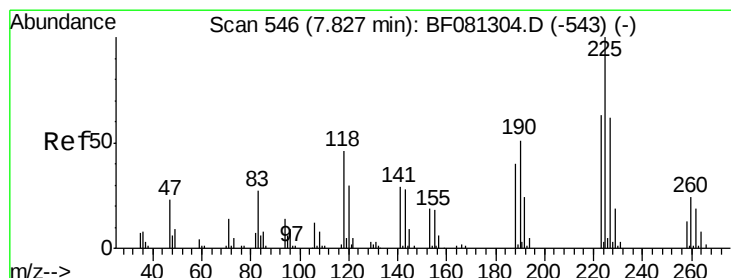
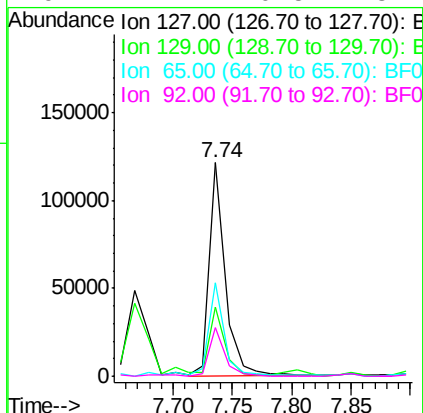
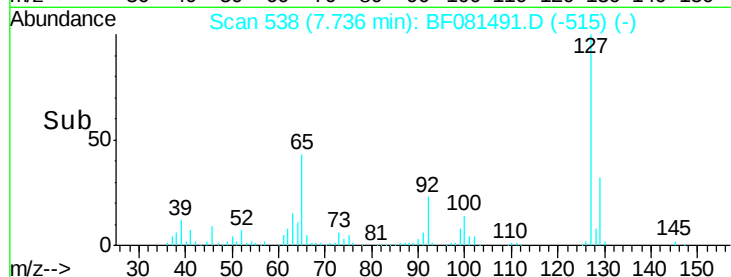
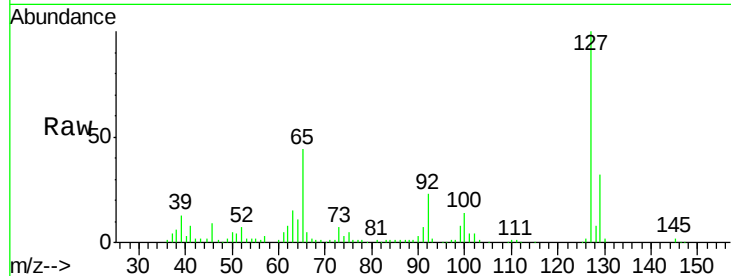




#33
4-Chloroaniline
Concen: 27.56 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.03 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

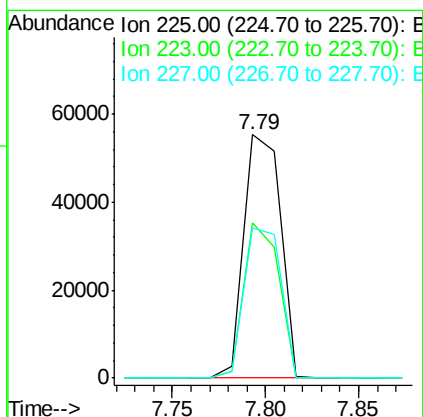
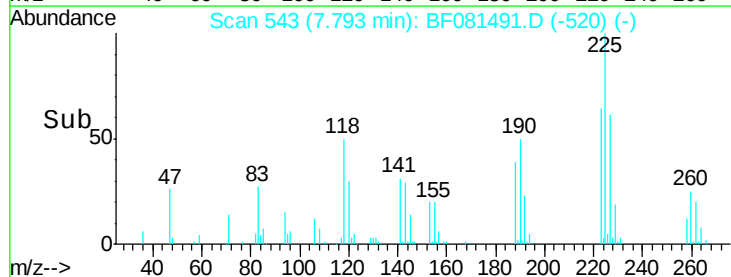
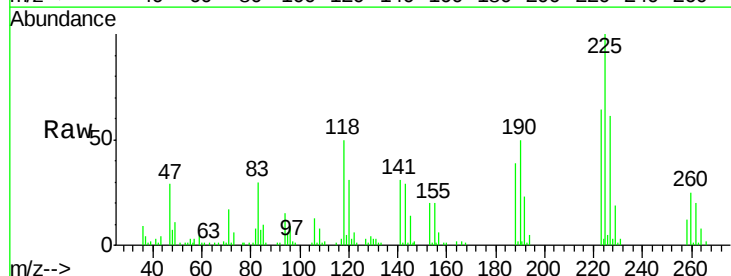
Instrument :
BNA_F
ClientSampleId :
HX2MSD

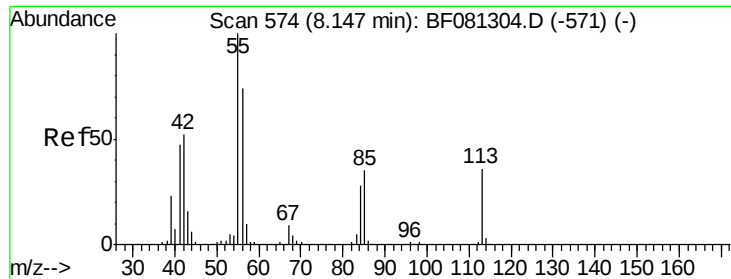
Tot Ion:	127	Resp:	114069
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	43.8	17.9	26.9#
92	22.7	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 42.69 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:	225	Resp:	75467
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.2	75.2
227	61.4	52.2	78.2





#35

Caprolactam

Concen: 10.12 ng

RT: 8.15 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

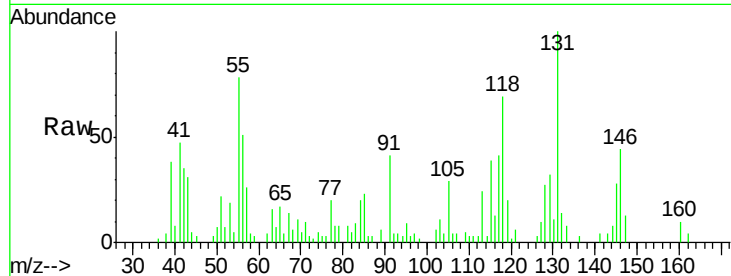
Tot Ion:113 Resp: 8299

Ion Ratio Lower Upper

113 100

55 326.9 152.4 192.4#

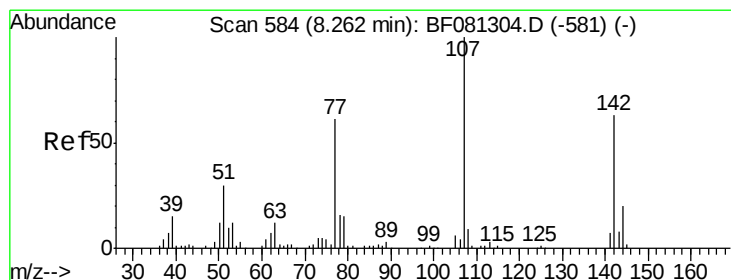
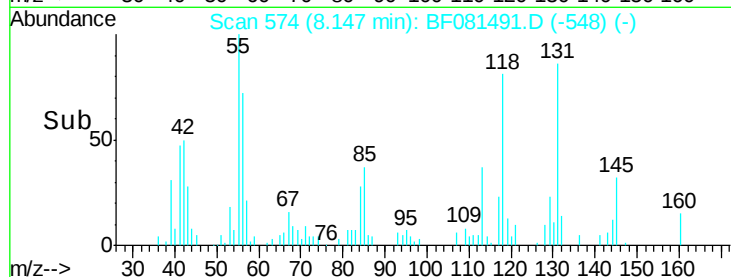
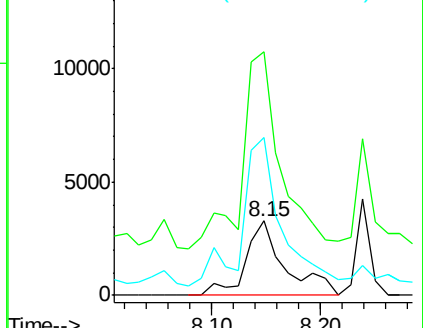
56 212.5 104.6 144.6#



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: 36.42 ng

RT: 8.24 min Scan# 582

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

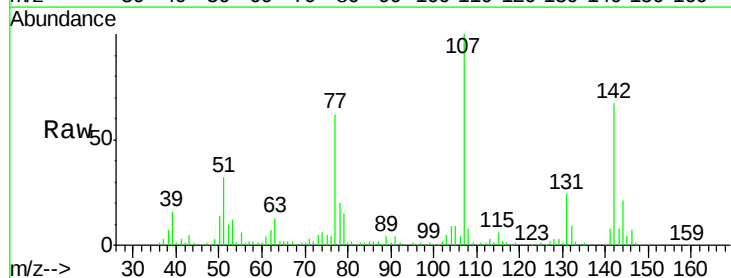
Tgt Ion:107 Resp: 108996

Ion Ratio Lower Upper

107 100

144 21.2 25.4 38.0#

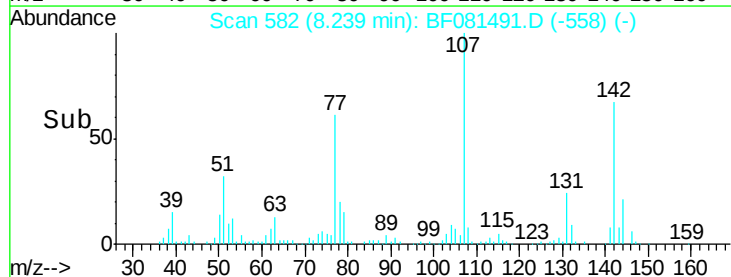
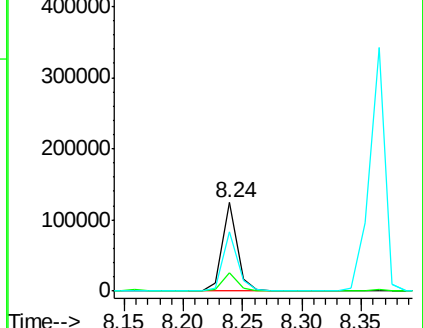
142 67.3 77.3 115.9#

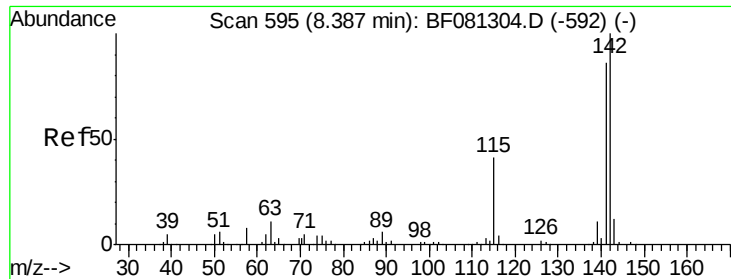


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

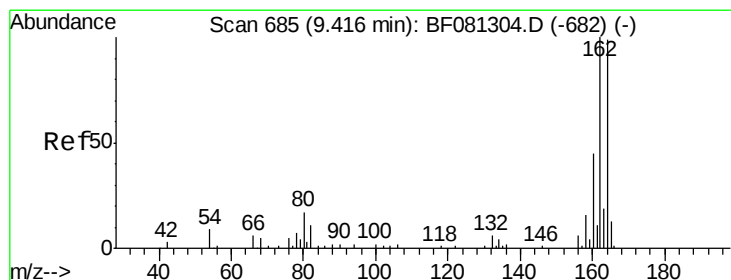
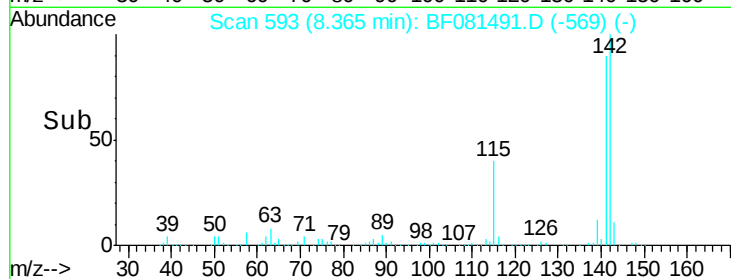
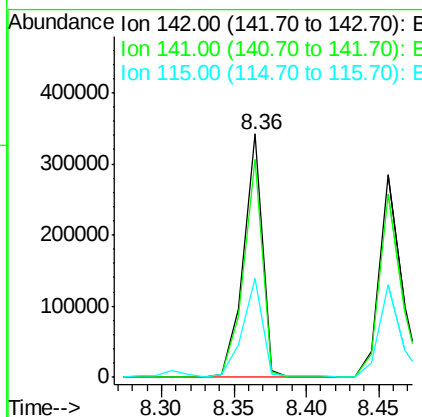
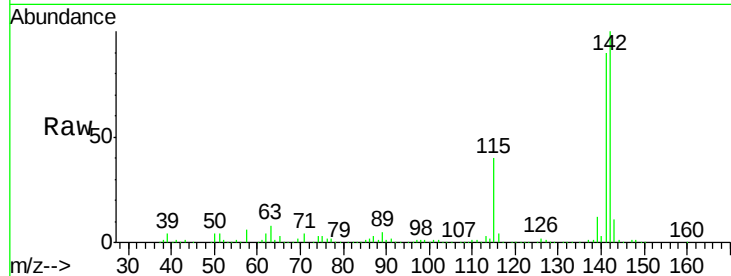




#37
2-Methylnaphthalene
Concen: 47.13 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

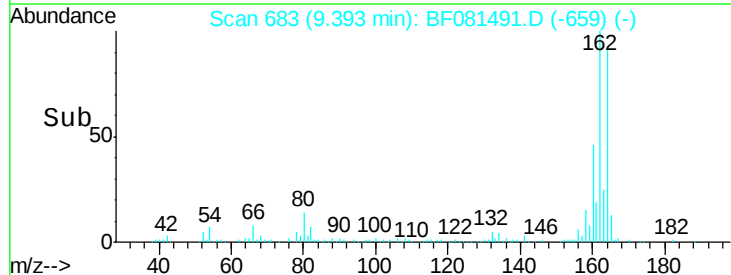
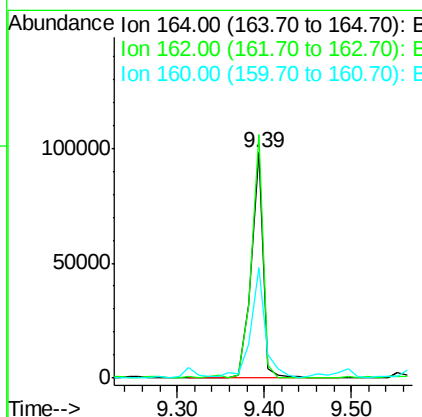
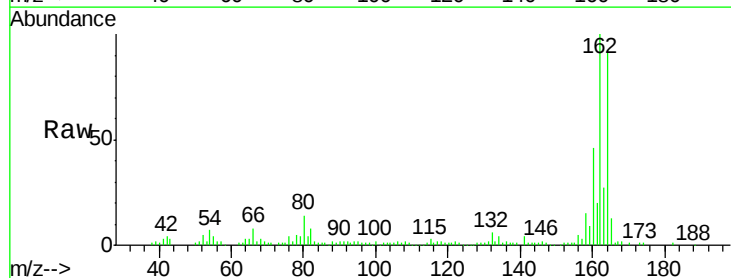
Instrument :
BNA_F
ClientSampled :
HX2MSD

Tot Ion:142 Resp: 311268
Ion Ratio Lower Upper
142 100
141 89.6 67.5 101.3
115 40.4 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:164 Resp: 95112
Ion Ratio Lower Upper
164 100
162 108.2 75.2 112.8
160 49.3 31.5 47.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.80 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampled :

HX2MSD

Tot Ion:216 Resp: 119717

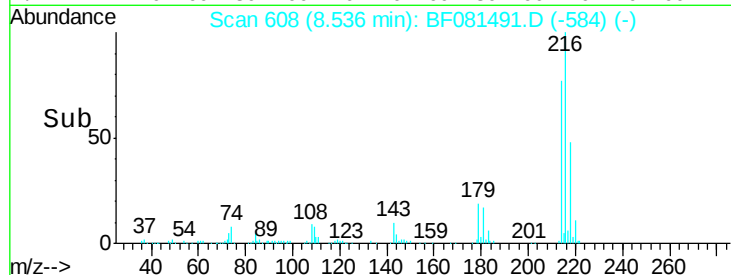
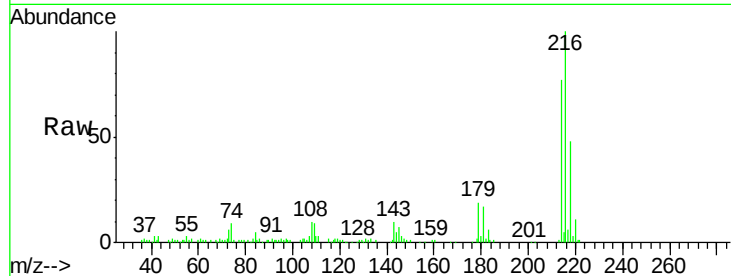
Ion Ratio Lower Upper

216 100

214 76.6 63.5 95.3

179 21.6 16.6 24.8

108 22.6 16.3 24.5

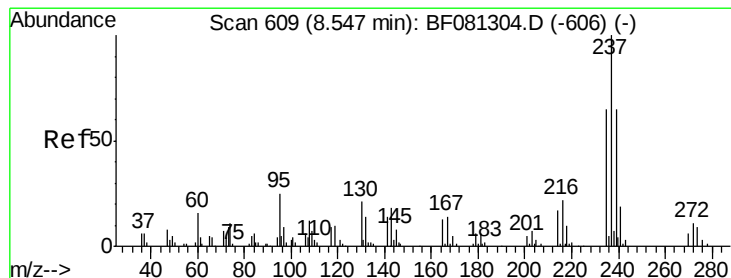
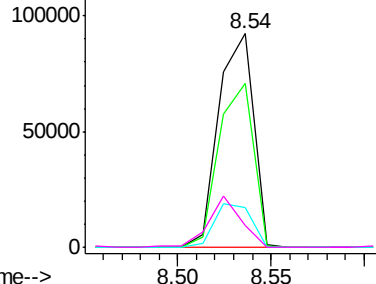


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.82 ng

RT: 8.51 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

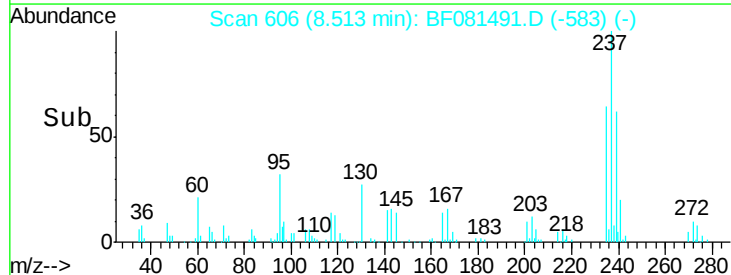
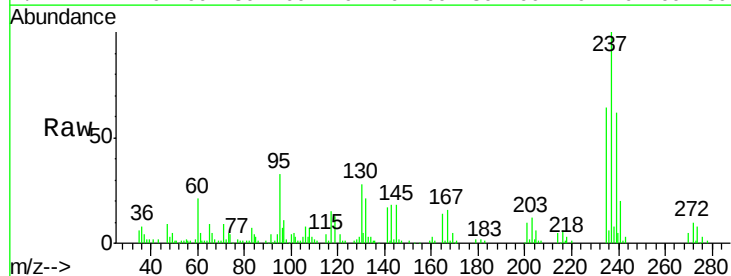
Tgt Ion:237 Resp: 113400

Ion Ratio Lower Upper

237 100

235 64.2 42.0 82.0

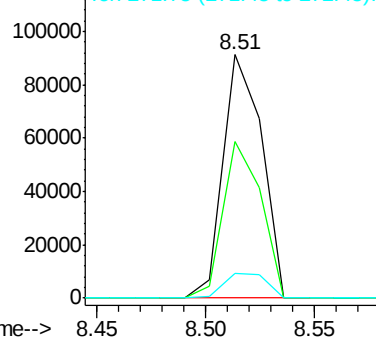
272 9.9 0.0 36.1



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

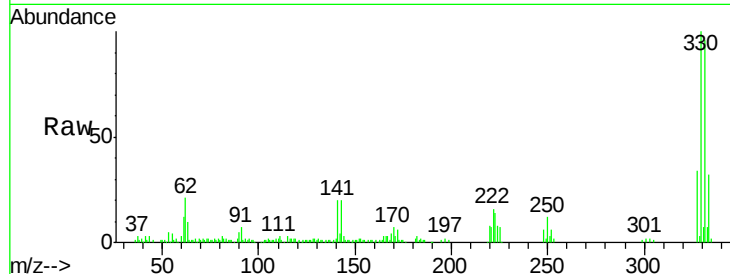




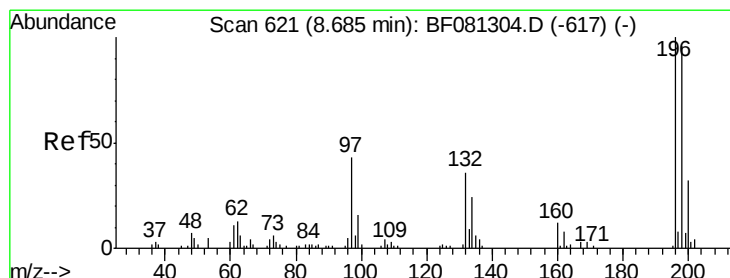
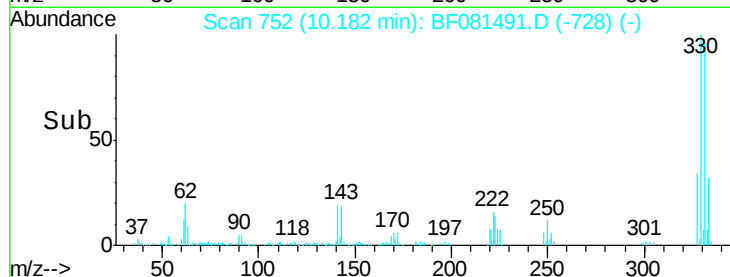
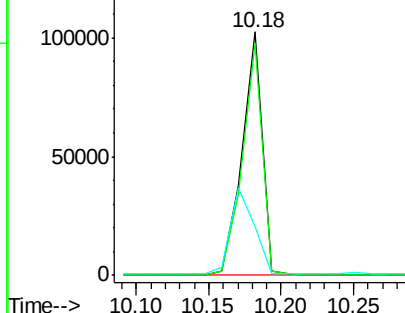
#41
 2,4,6-Tribromophenol
 Concen: 117.58 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: BF081491.D
 Acq: 6 Sep 2015 5:08

Instrument :
 BNA_F
 ClientSampleId :
 HX2MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.6	114.8
141	41.0	29.7	44.5

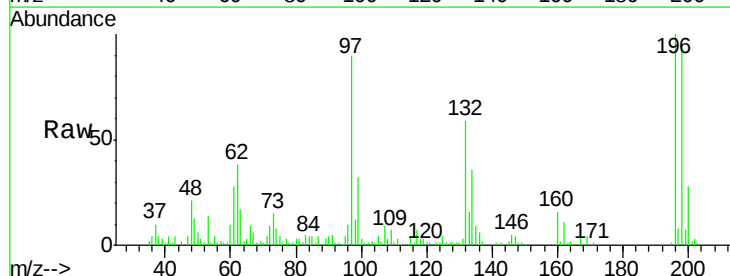


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

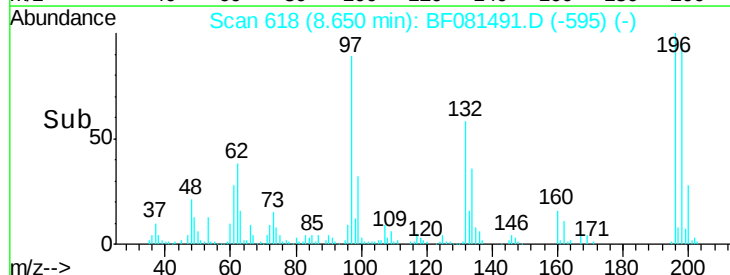
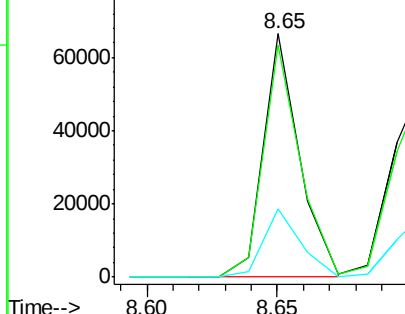


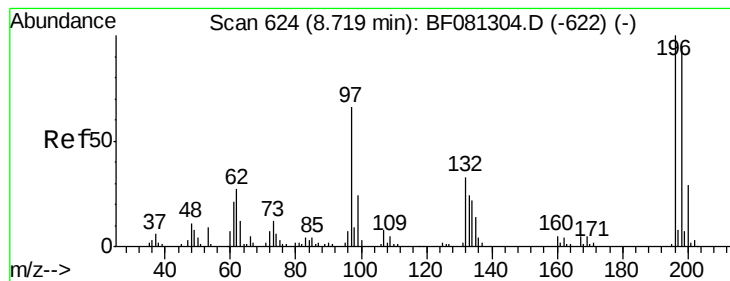
#42
 2,4,6-Trichlorophenol
 Concen: 30.92 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF081491.D
 Acq: 6 Sep 2015 5:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.7	113.5
200	28.1	23.9	35.9



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





#43

2,4,5-Trichlorophenol

Concen: 32.62 ng

RT: 8.71 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

Tot Ion:196 Resp: 69089

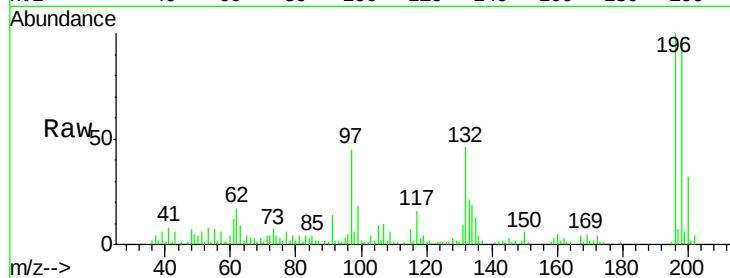
Ion Ratio Lower Upper

196 100

198 97.1 75.4 113.0

97 44.9 33.3 49.9

132 46.0 24.6 37.0#

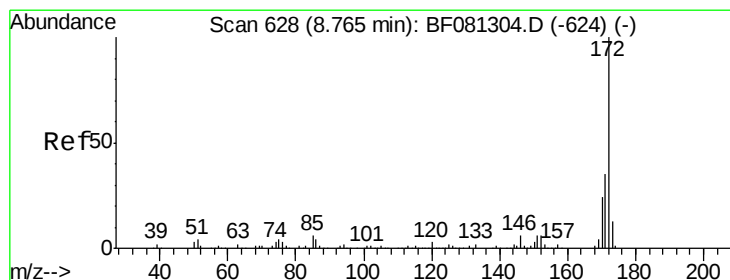
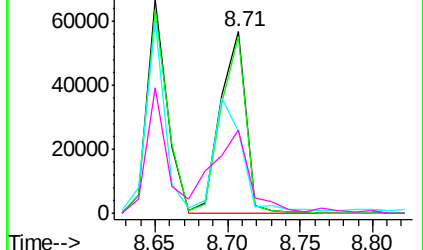
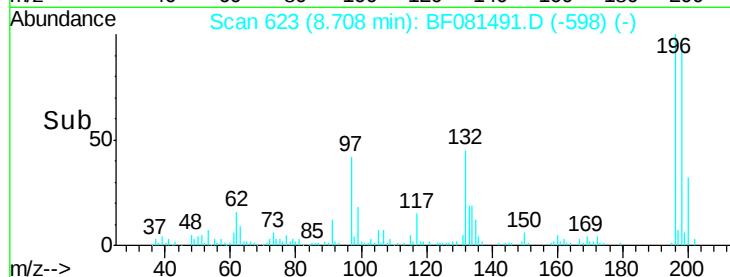


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 76.24 ng

RT: 8.73 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

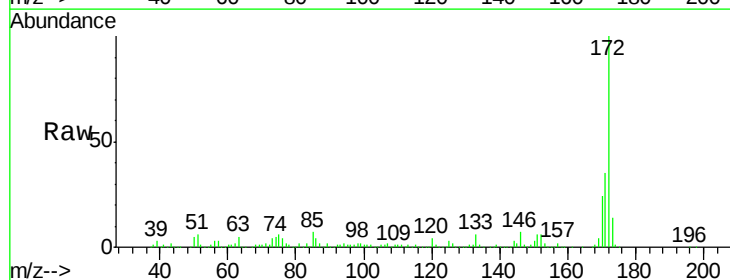
Tgt Ion:172 Resp: 565873

Ion Ratio Lower Upper

172 100

171 34.8 26.1 39.1

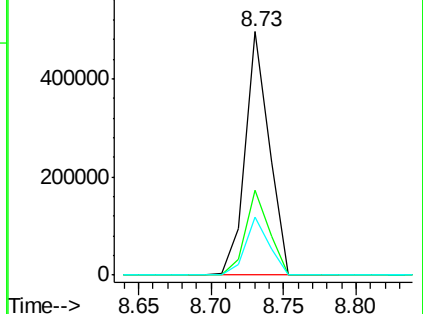
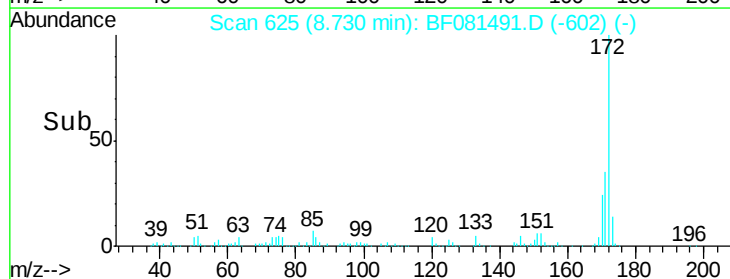
170 24.0 17.4 26.2

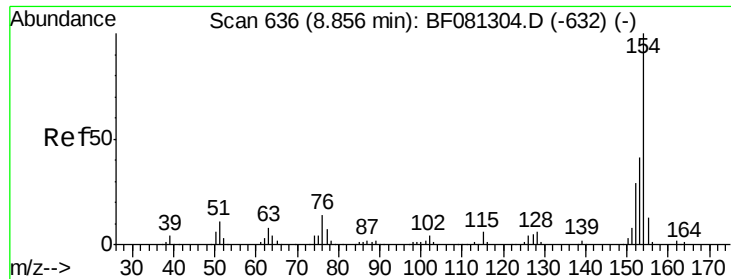


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.89 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

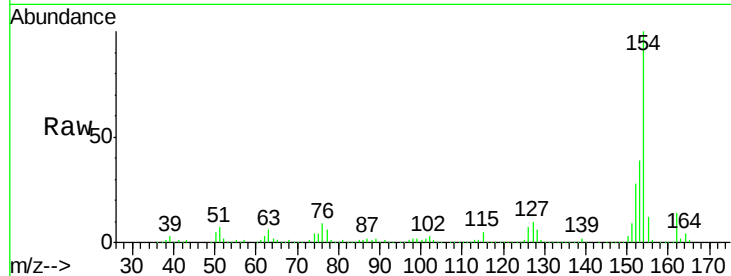
Tot Ion:154 Resp: 366567

Ion Ratio Lower Upper

154 100

153 39.2 17.1 57.1

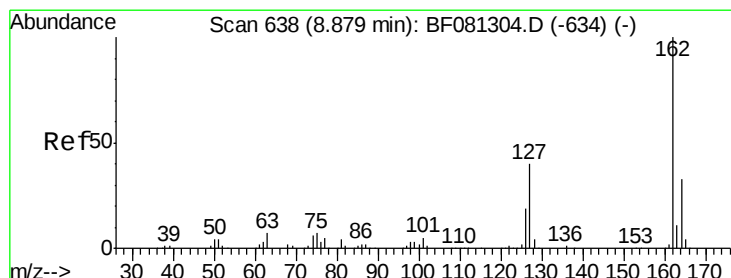
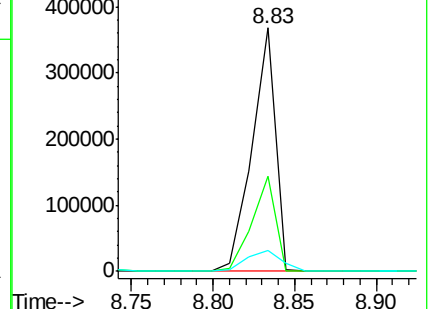
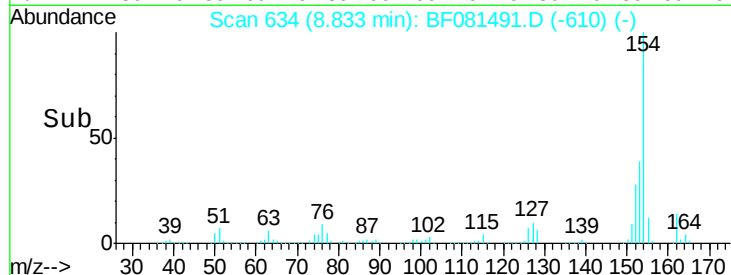
76 8.6 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.86 ng

RT: 8.84 min Scan# 635

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

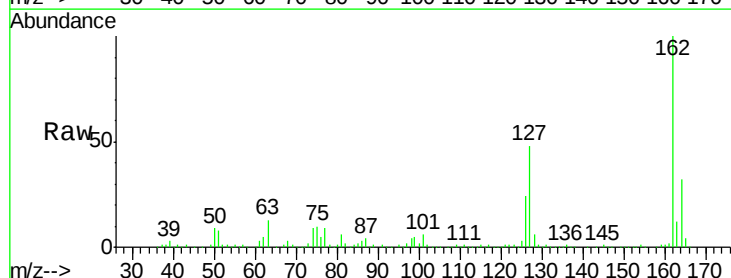
Tgt Ion:162 Resp: 245535

Ion Ratio Lower Upper

162 100

127 48.4 27.6 41.4#

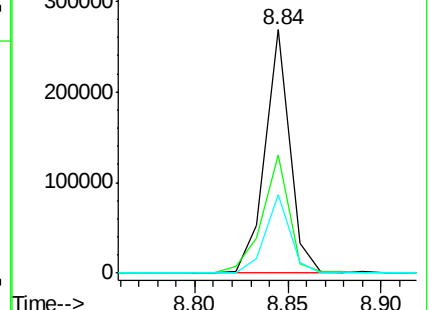
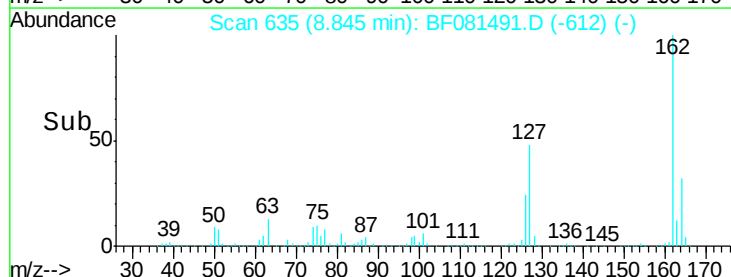
164 32.4 25.4 38.2

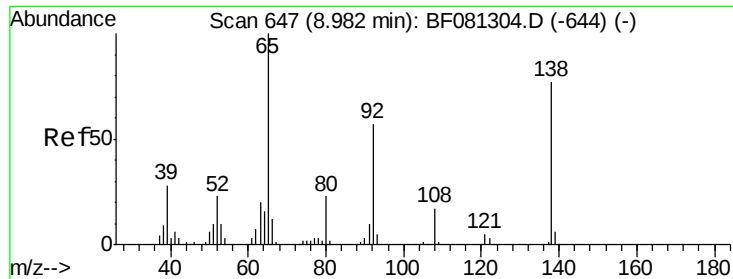


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

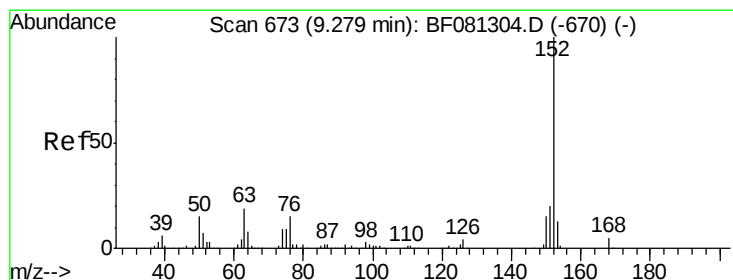
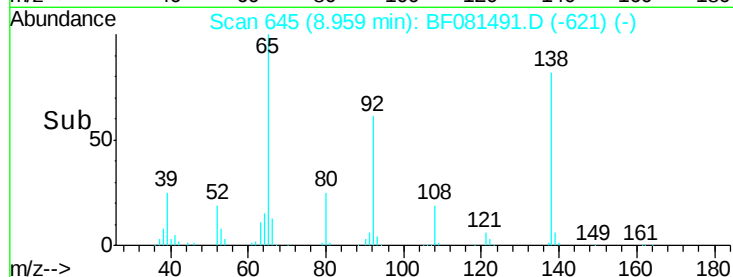
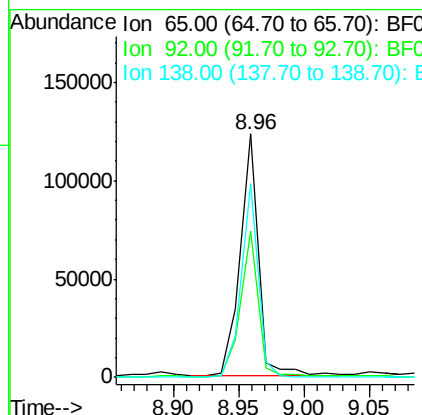
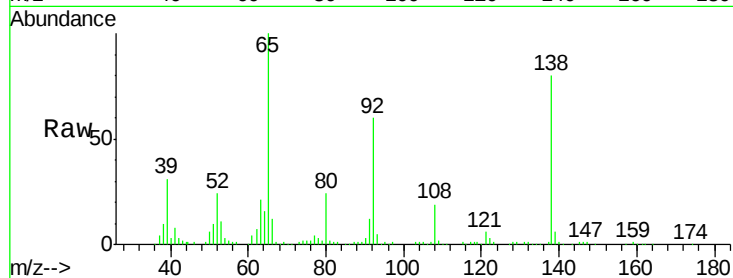




#47
2-Nitroaniline
Concen: 46.75 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

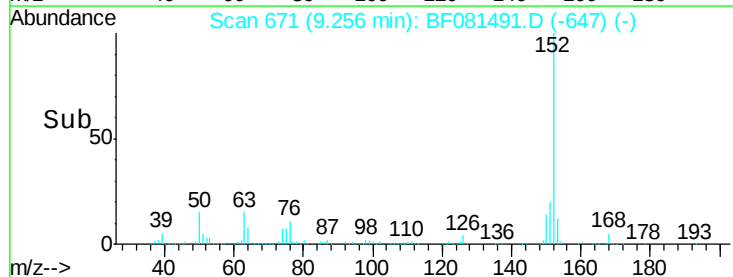
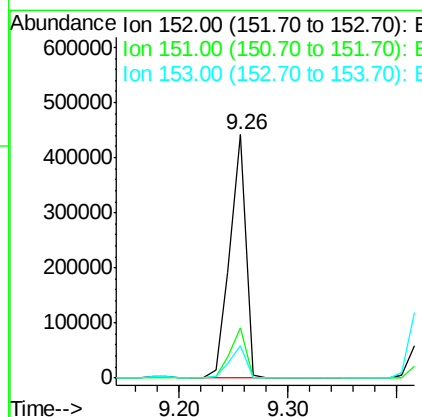
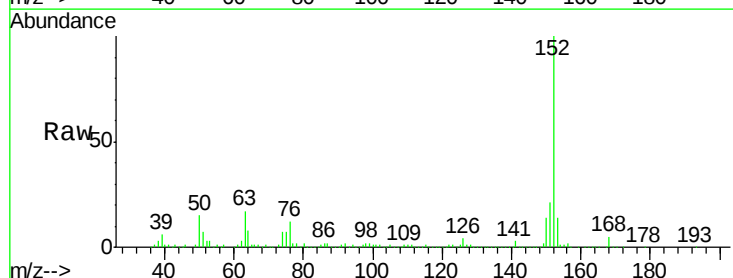
Instrument :
BNA_F
ClientSampleId :
HX2MSD

Tot Ion: 65 Resp: 120394
Ion Ratio Lower Upper
65 100
92 60.1 55.4 83.0
138 79.5 115.5 173.3#



#48
Acenaphthylene
Concen: 40.06 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 152 Resp: 449152
Ion Ratio Lower Upper
152 100
151 20.7 14.6 22.0
153 13.5 10.3 15.5

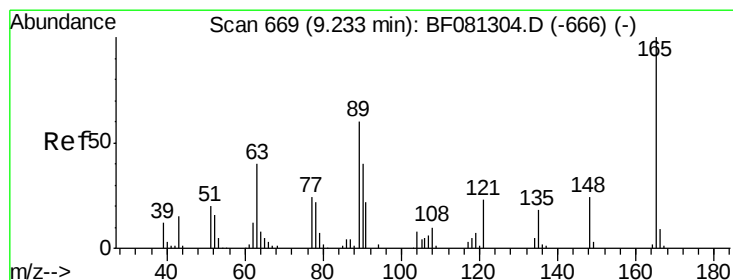
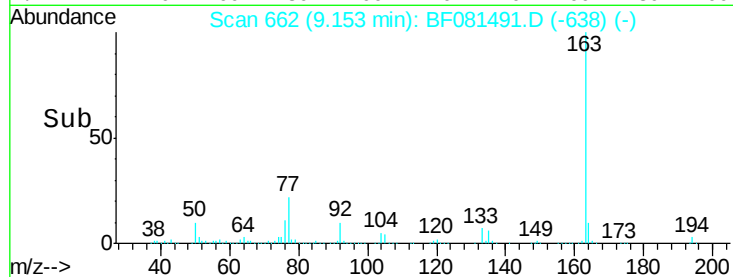
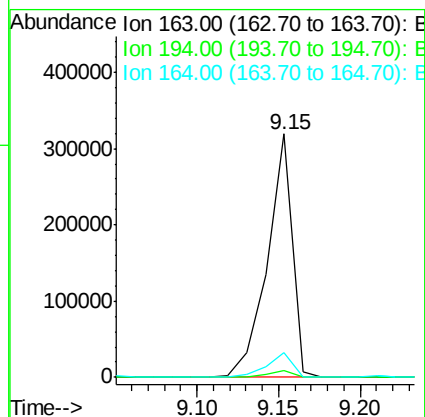
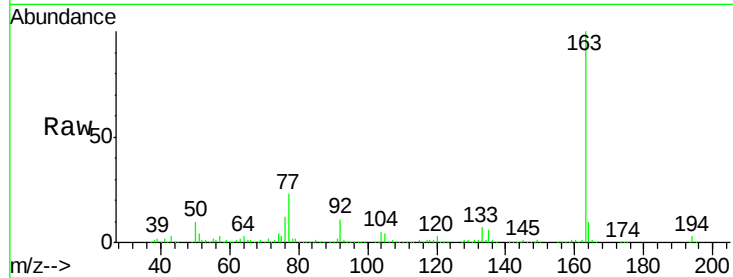




#49
Dimethylphthalate
Concen: 45.95 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

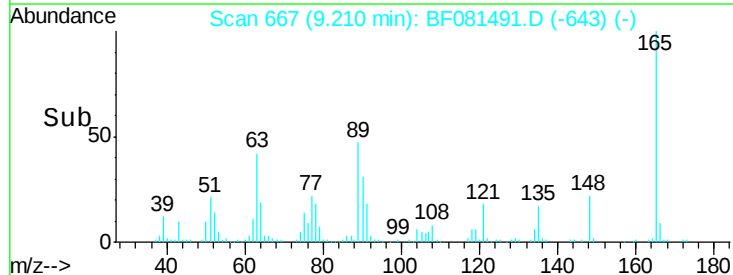
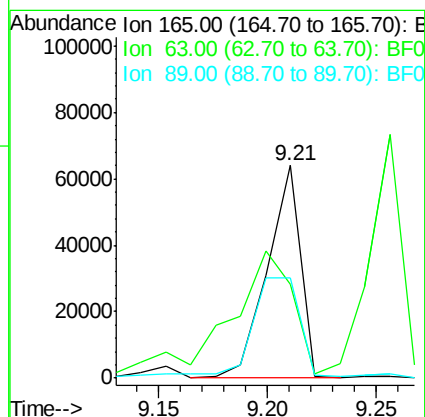
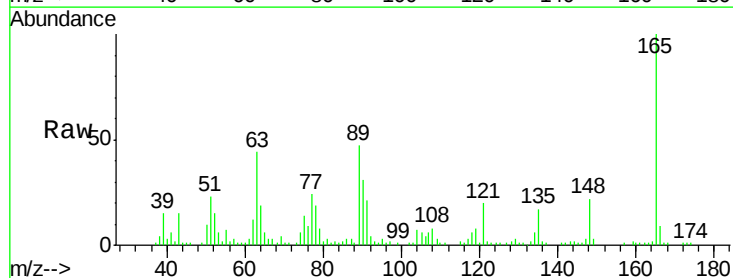
Instrument :
BNA_F
ClientSampleId :
HX2MSD

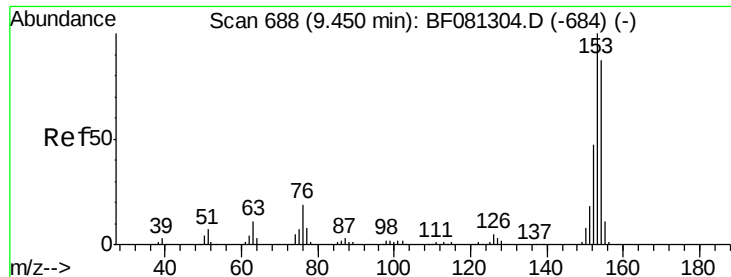
Tot Ion:163 Resp: 339538
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 9.9 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 40.92 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:165 Resp: 68625
Ion Ratio Lower Upper
165 100
63 44.0 32.3 48.5
89 47.4 28.6 43.0#





#51

Acenaphthene

Concen: 43.69 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

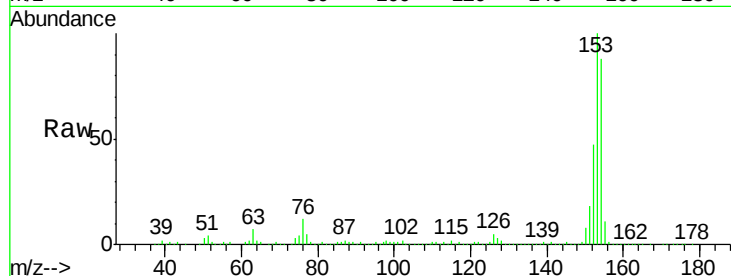
Tot Ion:154 Resp: 278667

Ion Ratio Lower Upper

154 100

153 114.2 82.1 123.1

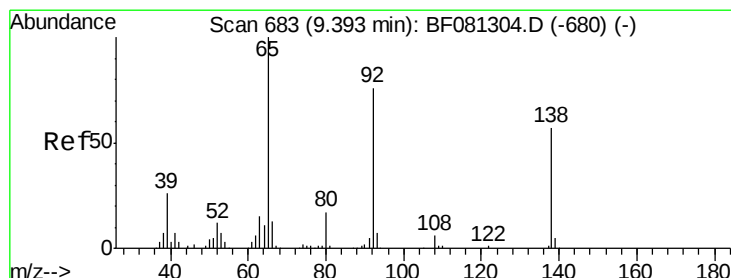
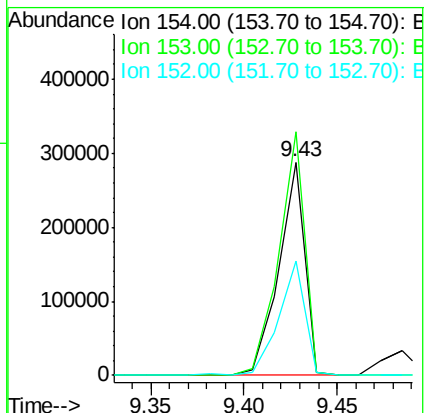
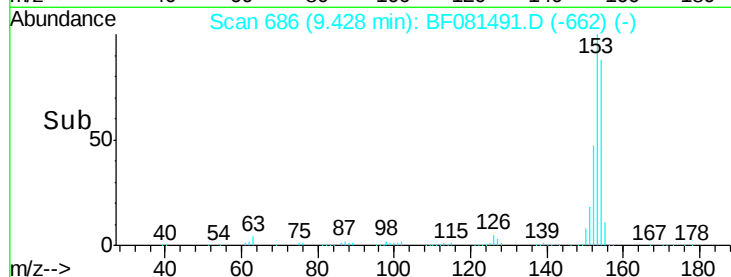
152 53.9 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.06 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

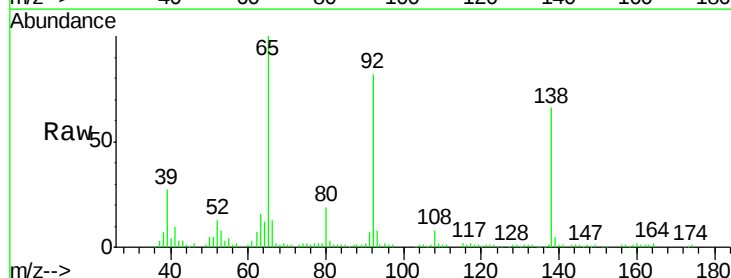
Tgt Ion:138 Resp: 63131

Ion Ratio Lower Upper

138 100

108 11.6 5.7 8.5#

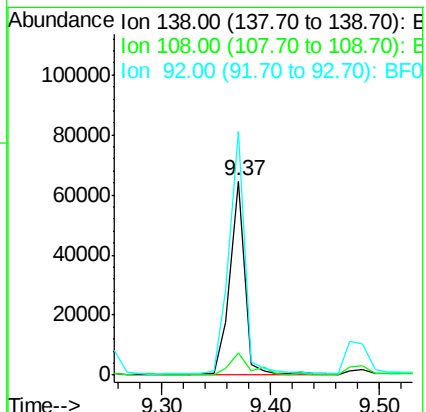
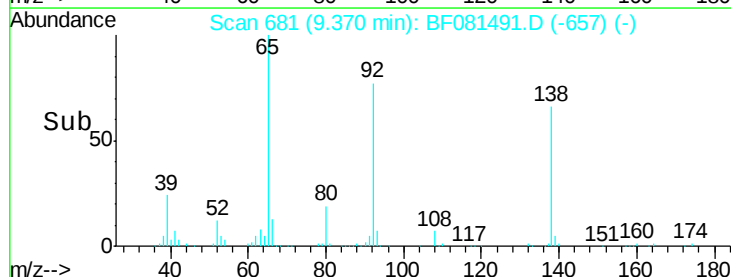
92 125.4 67.7 101.5#

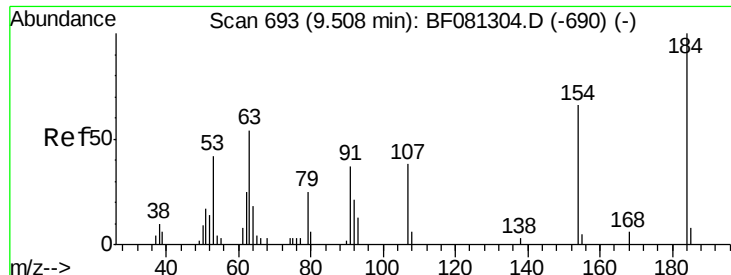


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

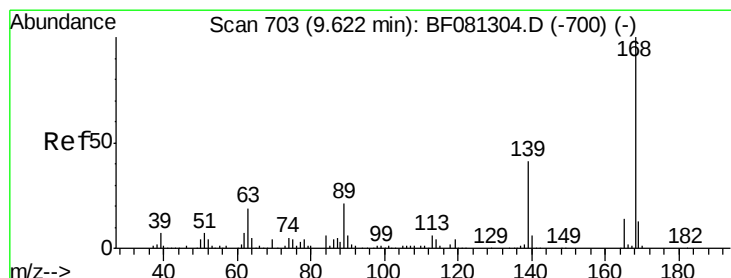
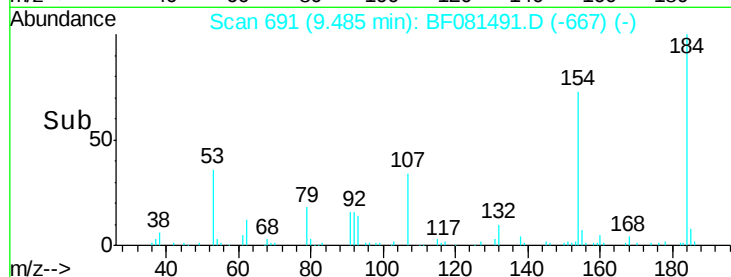
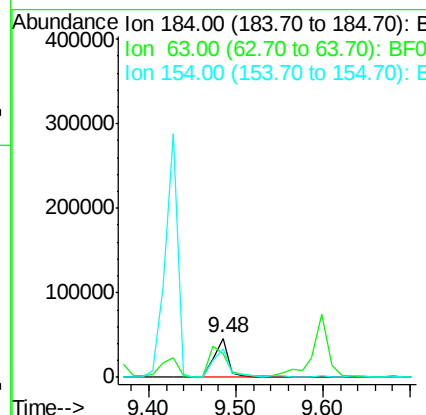
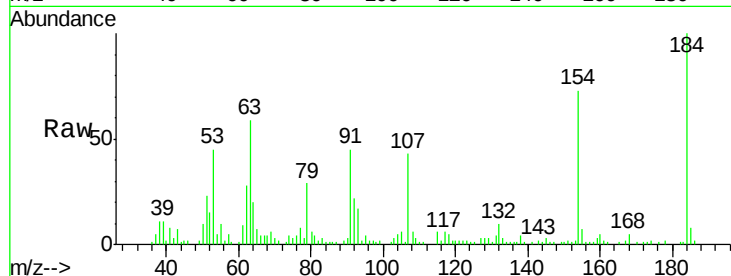




#53
2,4-Dinitrophenol
Concen: 77.47 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

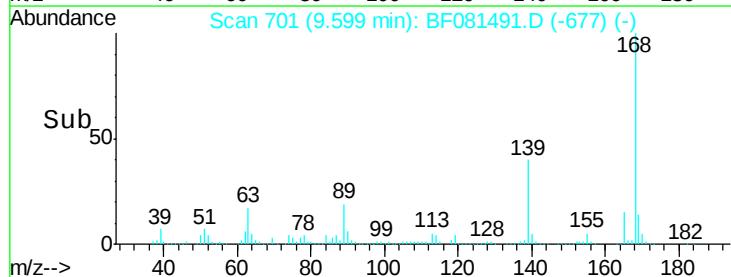
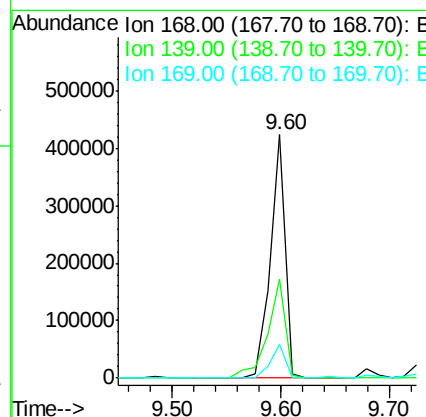
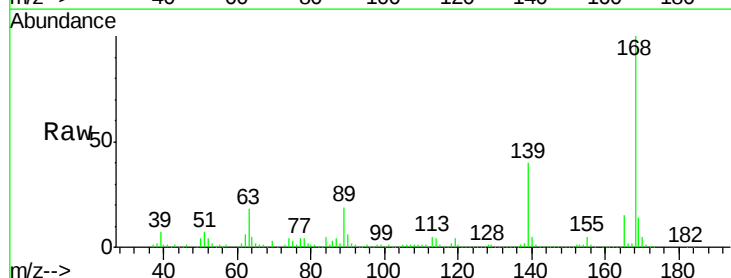
Instrument :
BNA_F
ClientSampleId :
HX2MSD

Tot Ion:184 Resp: 54726
Ion Ratio Lower Upper
184 100
63 59.3 35.4 53.2#
154 72.8 32.2 48.4#



#54
Dibenzofuran
Concen: 43.83 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:168 Resp: 408177
Ion Ratio Lower Upper
168 100
139 40.4 24.2 36.2#
169 13.7 10.6 15.8





#55

4-Nitrophenol

Concen: 165.43 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

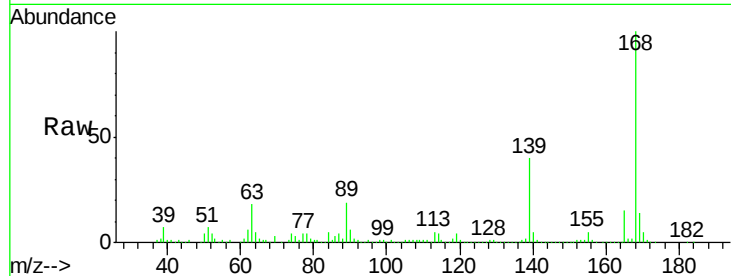
Tot Ion:139 Resp: 198446

Ion Ratio Lower Upper

139 100

109 2.6 12.7 52.7#

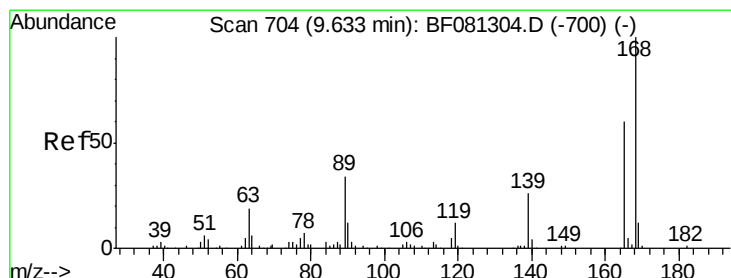
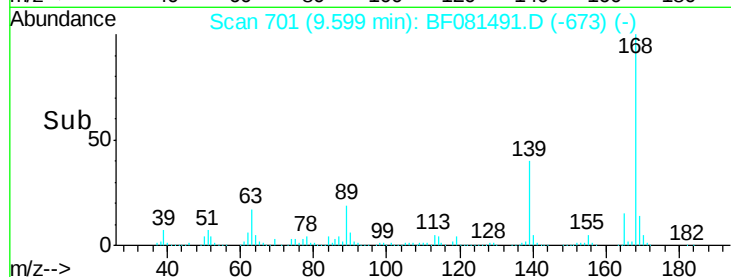
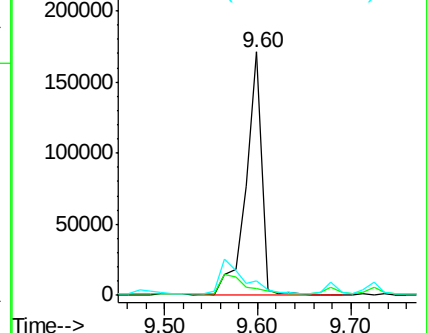
65 6.2 45.9 85.9#



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: 40.10 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Tgt Ion:165 Resp: 85647

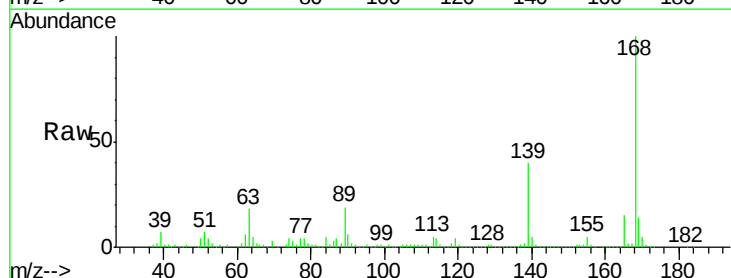
Ion Ratio Lower Upper

165 100

63 115.3 29.8 44.6#

89 126.5 44.5 66.7#

182 2.1 3.0 4.4#

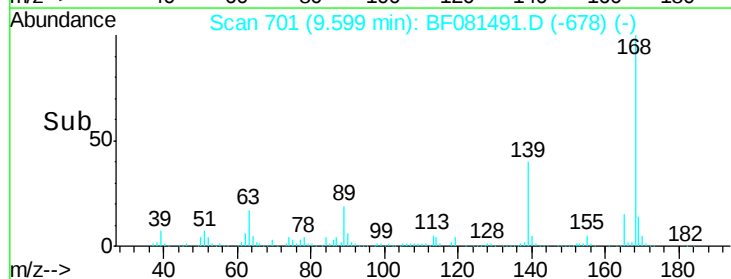
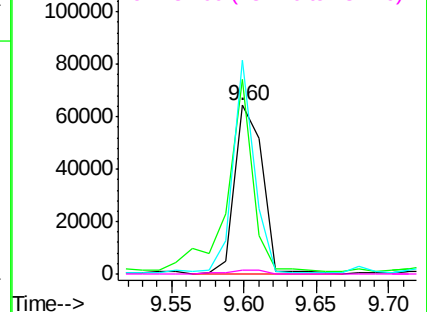


Abundance Ion 165.00 (164.70 to 165.70): E

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

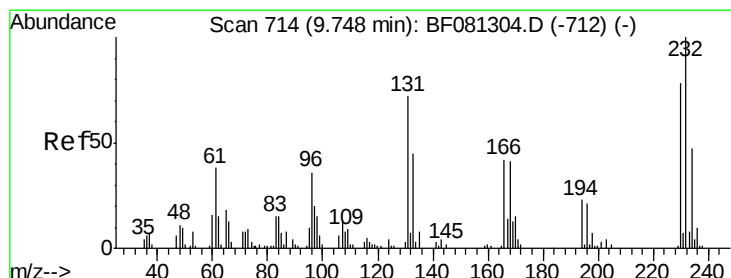
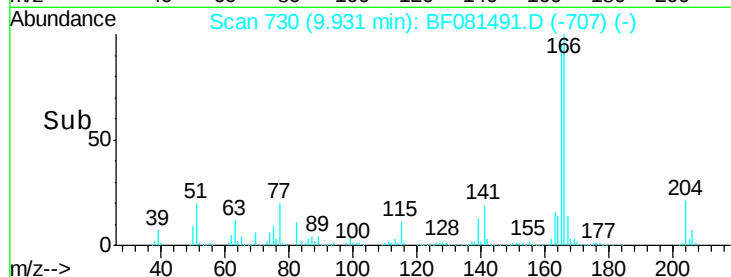
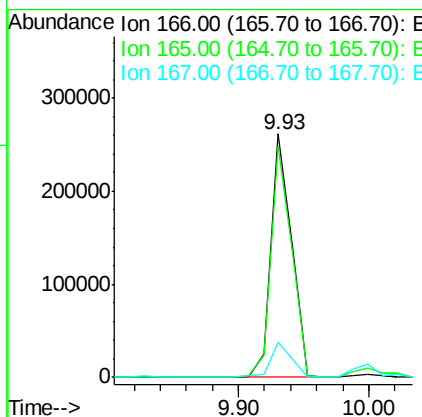
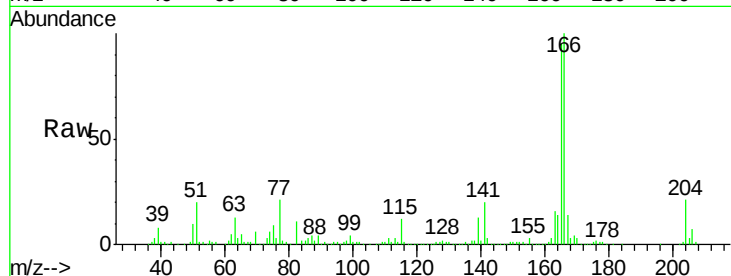




#57
Fluorene
 Concen: 41.14 ng
 RT: 9.93 min Scan# 730
 Delta R.T. -0.03 min
 Lab File: BF081491.D
 Acq: 6 Sep 2015 5:08

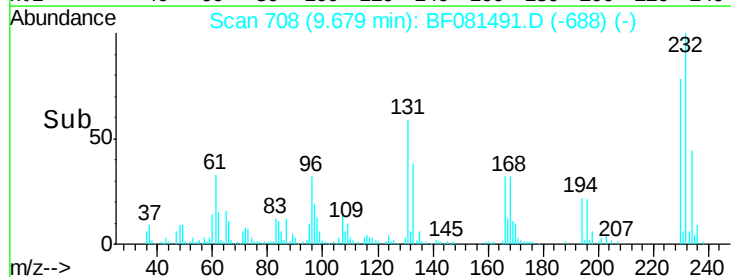
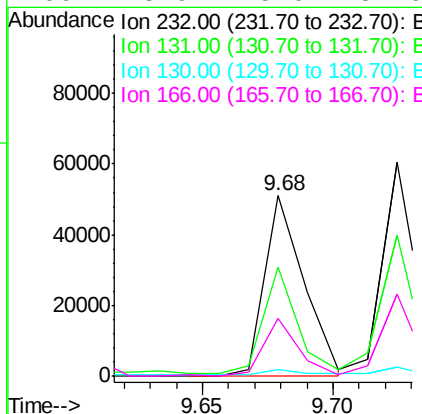
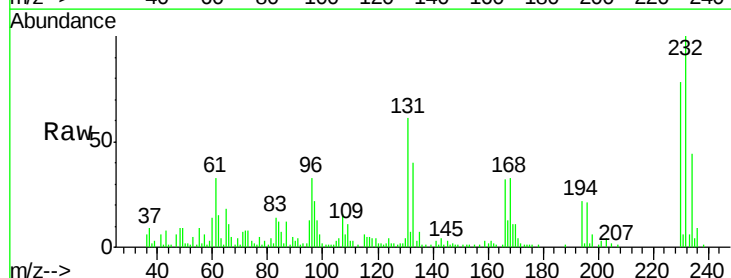
Instrument :
 BNA_F
 ClientSampleId :
 HX2MSD

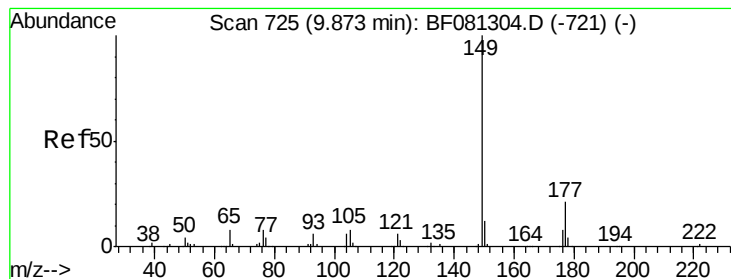
Tot Ion:166 Resp: 290716
 Ion Ratio Lower Upper
 166 100
 165 94.9 72.6 109.0
 167 14.4 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.18 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.07 min
 Lab File: BF081491.D
 Acq: 6 Sep 2015 5:08

Tgt Ion:232 Resp: 53655
 Ion Ratio Lower Upper
 232 100
 131 51.0 38.5 57.7
 130 2.4 1.8 2.6
 166 28.9 25.0 37.6





#59

Diethylphthalate

Concen: 39.59 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

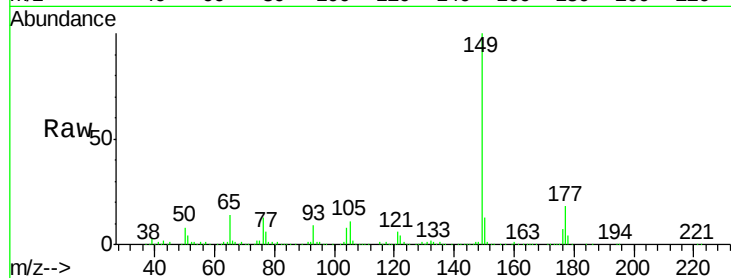
Tot Ion:149 Resp: 307743

Ion Ratio Lower Upper

149 100

177 18.5 17.5 26.3

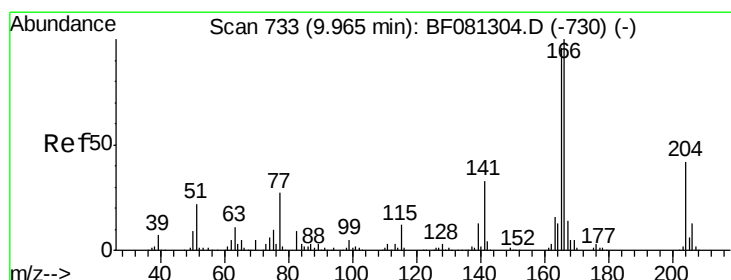
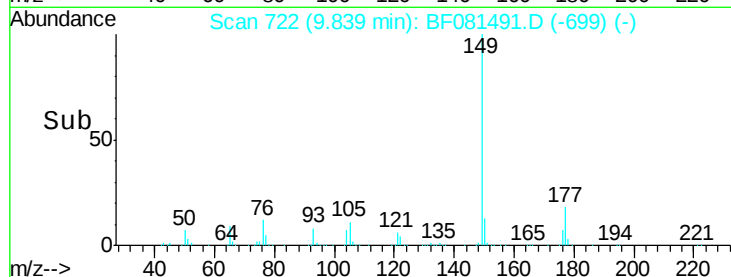
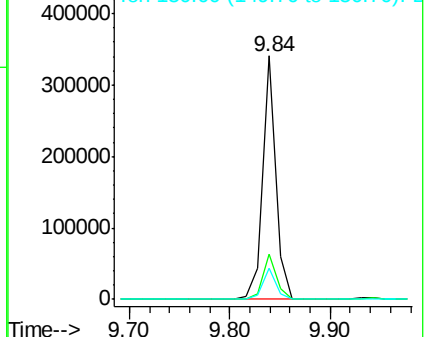
150 12.5 9.4 14.2



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: 44.64 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

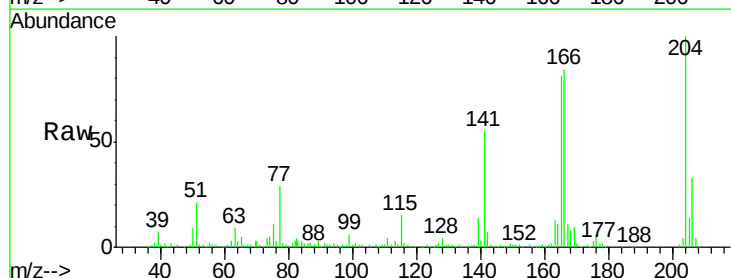
Tgt Ion:204 Resp: 147048

Ion Ratio Lower Upper

204 100

206 33.4 24.8 37.2

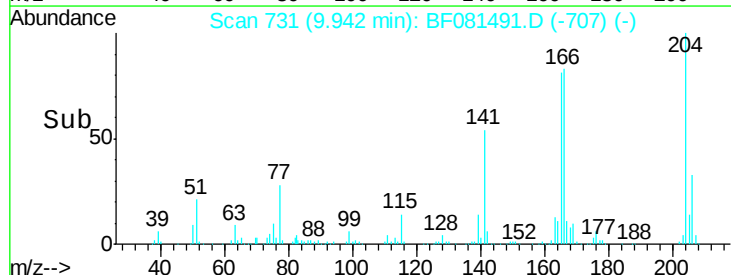
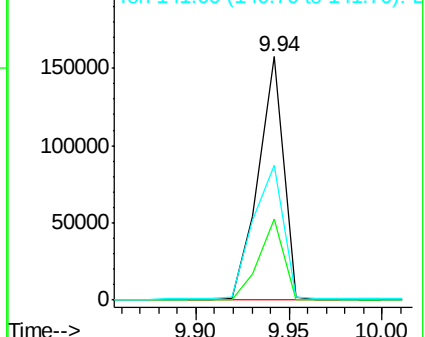
141 55.1 42.2 63.4

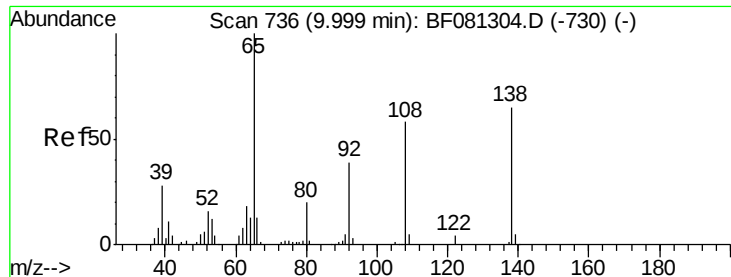


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

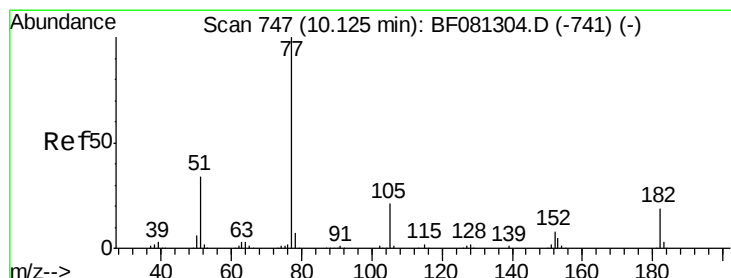
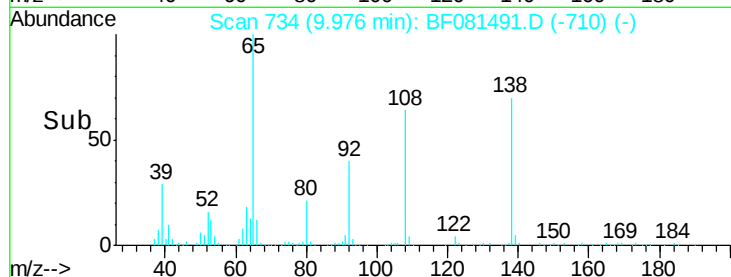
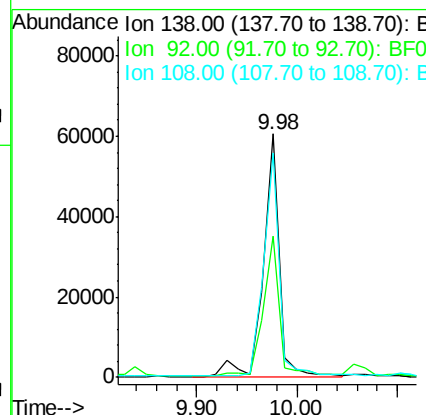
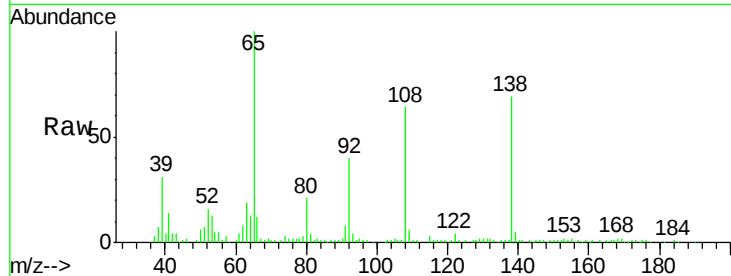




#61
4-Nitroaniline
Concen: 35.25 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.02 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

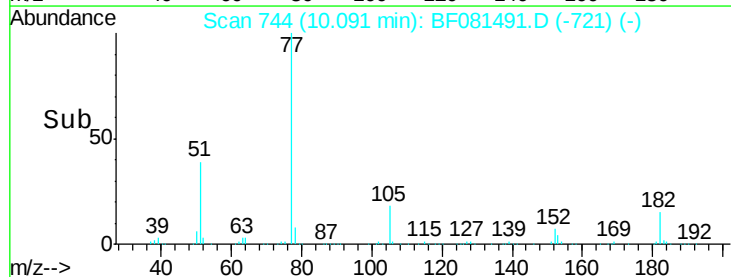
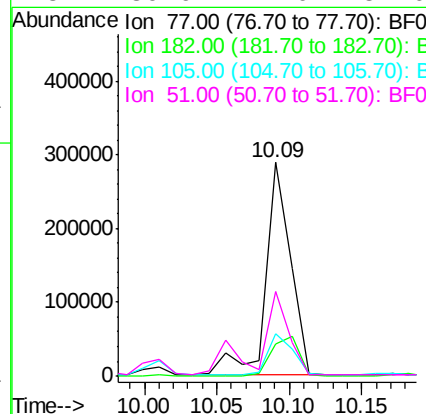
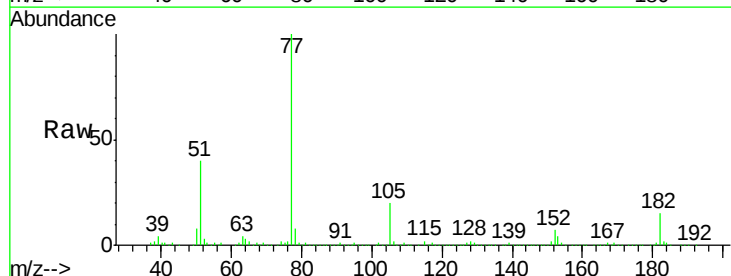
Instrument :
BNA_F
ClientSampleId :
HX2MSD

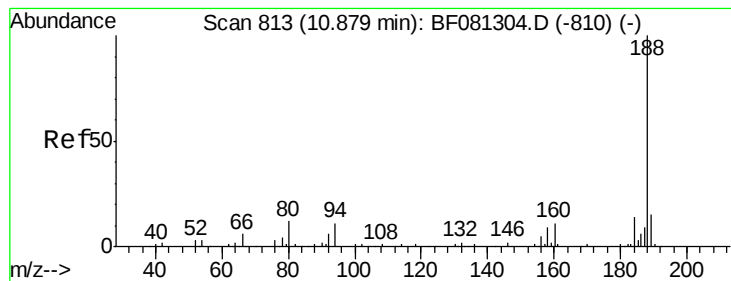
Tot Ion:138 Resp: 67996
Ion Ratio Lower Upper
138 100
92 58.1 12.6 52.6#
108 92.2 12.4 52.4#



#62
Azobenzene
Concen: 39.42 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion: 77 Resp: 340712
Ion Ratio Lower Upper
77 100
182 15.2 15.1 55.1
105 19.9 3.4 43.4
51 39.9 12.0 52.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.86 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

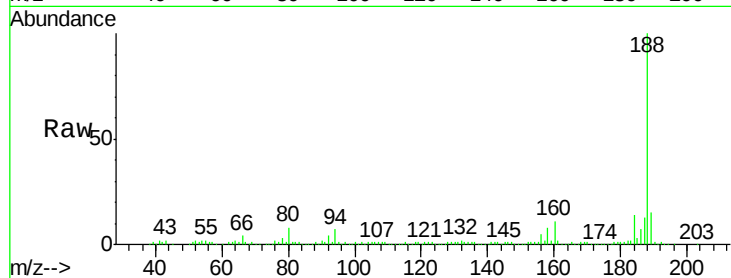
Tot Ion:188 Resp: 175902

Ion Ratio Lower Upper

188 100

94 7.3 11.1 16.7#

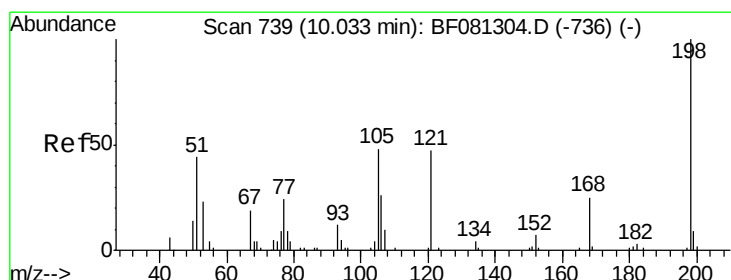
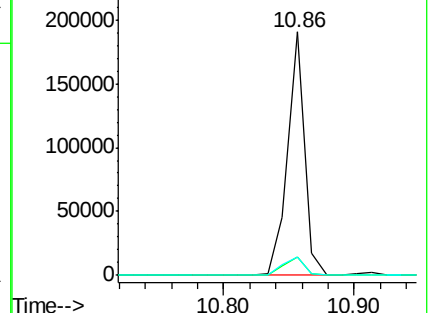
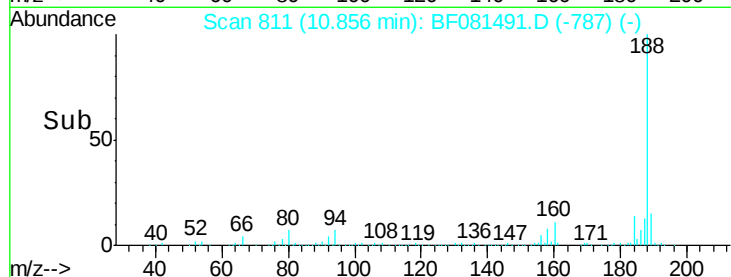
80 7.6 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.17 ng

RT: 10.01 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

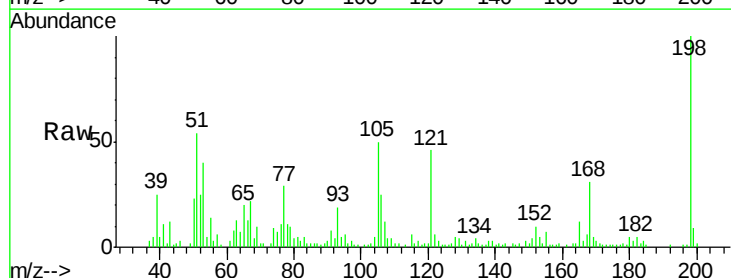
Tgt Ion:198 Resp: 38537

Ion Ratio Lower Upper

198 100

51 53.9 39.6 79.6

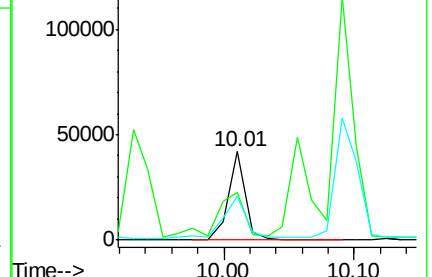
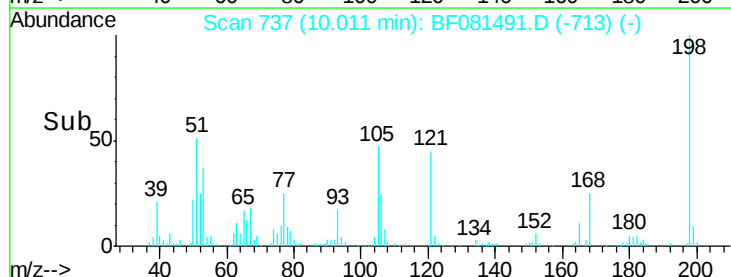
105 50.2 28.5 68.5

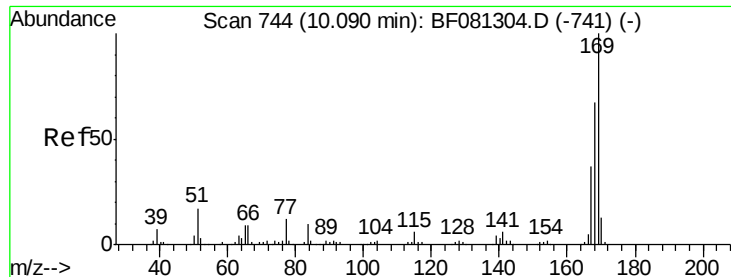


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.95 ng

RT: 10.07 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleID :

HX2MSD

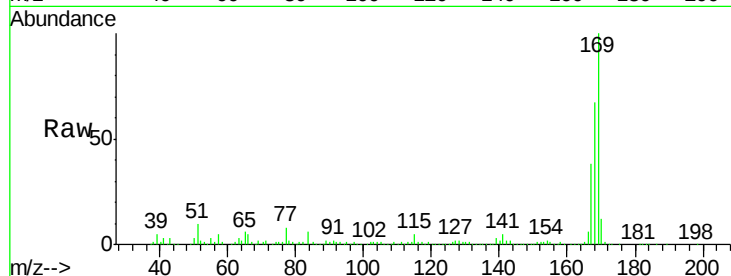
Tot Ion:169 Resp: 262124

Ion Ratio Lower Upper

169 100

168 67.2 48.9 73.3

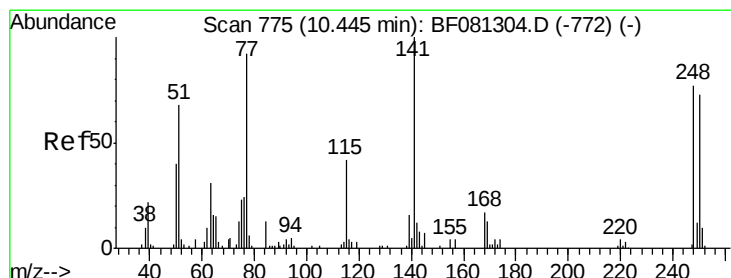
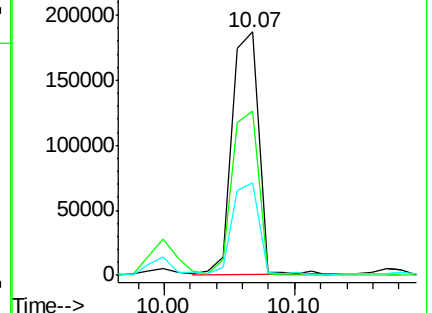
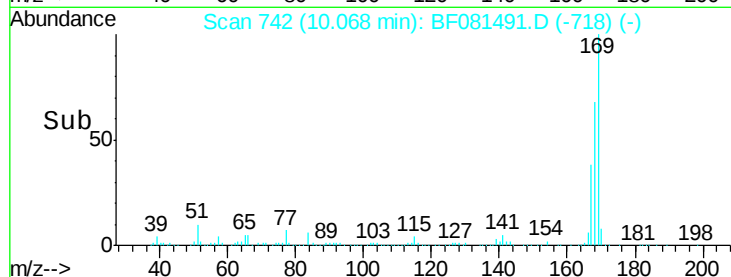
167 37.9 26.2 39.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.76 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

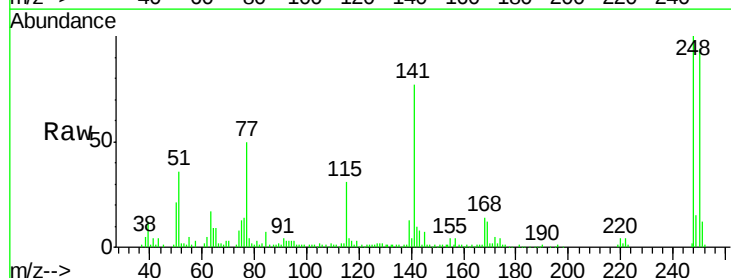
Tgt Ion:248 Resp: 81384

Ion Ratio Lower Upper

248 100

250 93.9 78.5 117.7

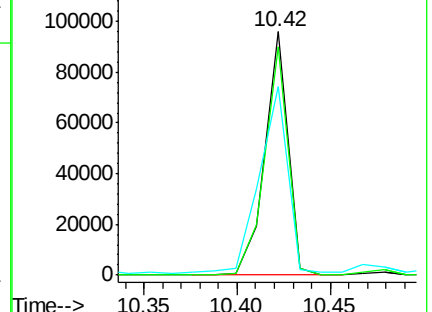
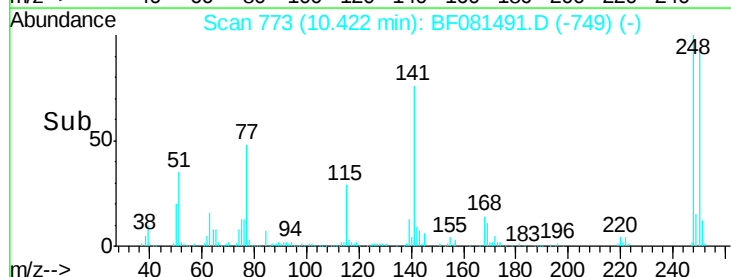
141 77.2 59.0 88.6



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

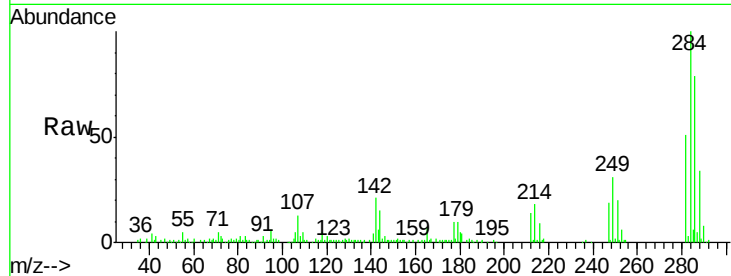




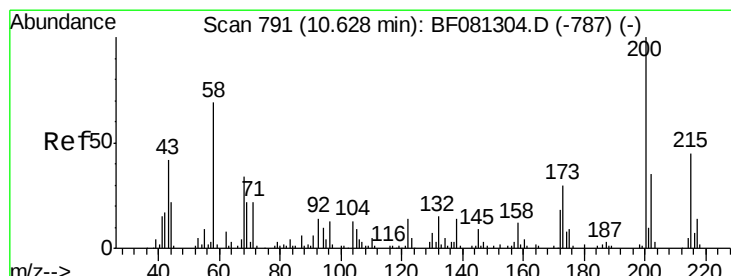
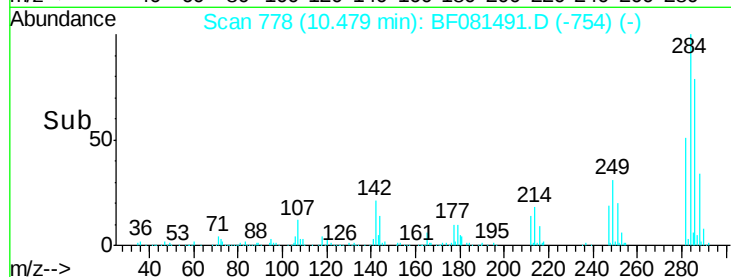
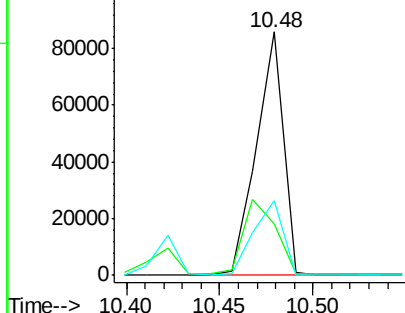
#67
Hexachlorobenzene
Concen: 46.07 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.02 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Instrument :
BNA_F
ClientSampleId :
HX2MSD

Tot Ion:284 Resp: 85668
Ion Ratio Lower Upper
284 100
142 21.1 29.5 44.3#
249 30.6 19.5 29.3#

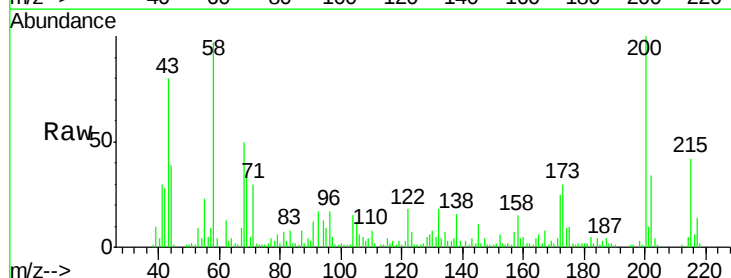


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

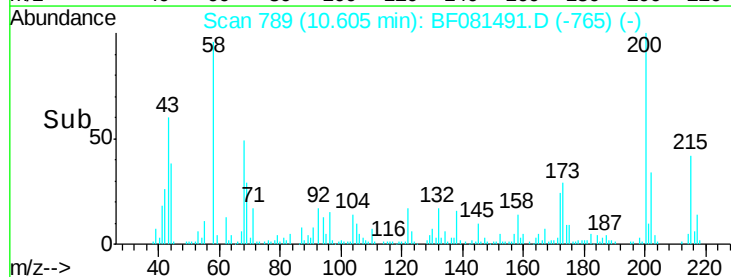
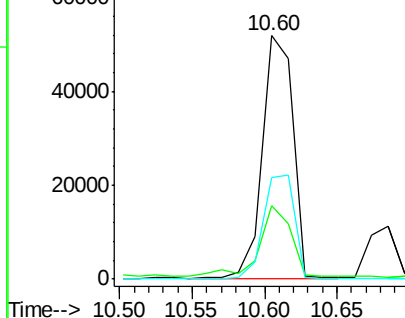


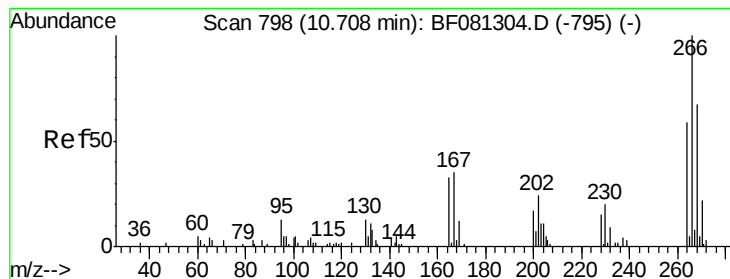
#68
Atrazine
Concen: 41.20 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.02 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:200 Resp: 76321
Ion Ratio Lower Upper
200 100
173 30.0 13.2 53.2
215 41.8 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: 79.57 ng

RT: 10.68 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

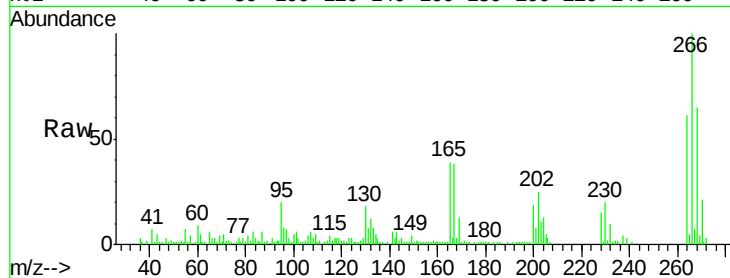
Tot Ion:266 Resp: 71989

Ion Ratio Lower Upper

266 100

268 64.6 49.8 74.6

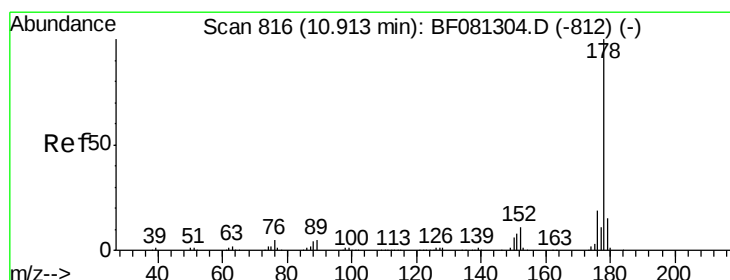
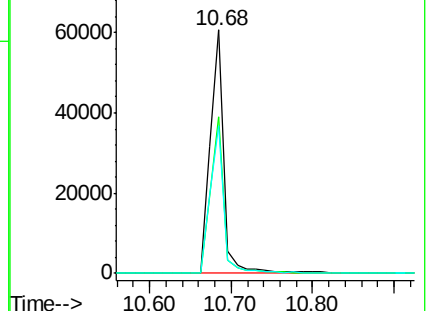
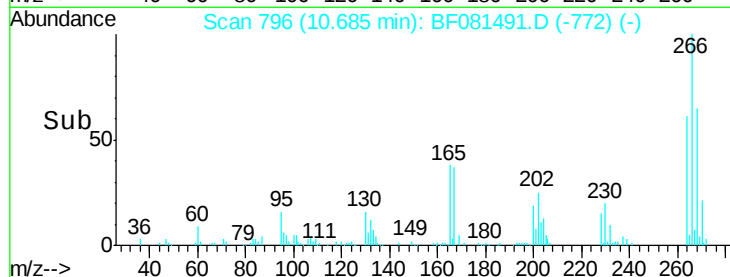
264 60.7 50.2 75.2



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: 39.79 ng

RT: 10.88 min Scan# 813

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

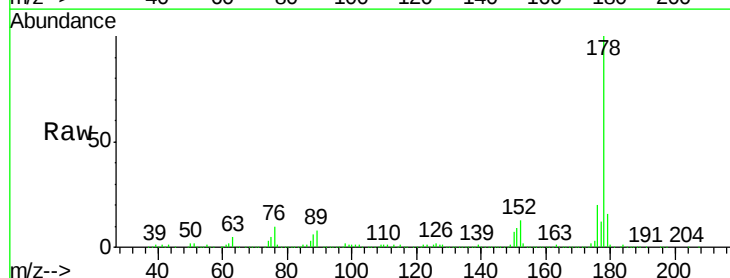
Tgt Ion:178 Resp: 389140

Ion Ratio Lower Upper

178 100

176 20.2 13.8 20.8

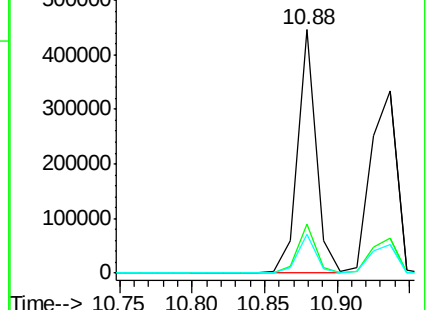
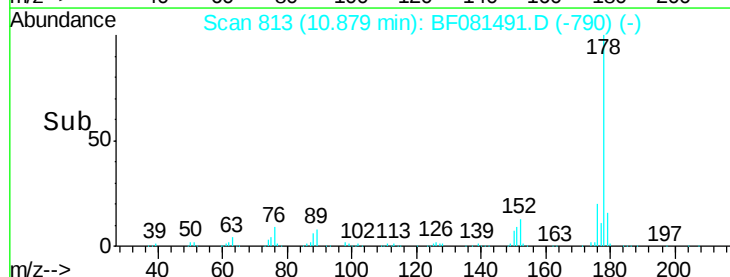
179 16.0 12.2 18.2

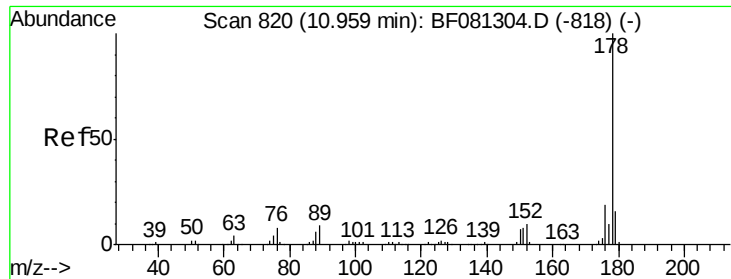


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

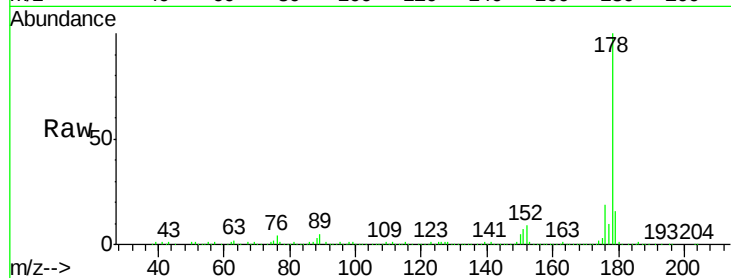




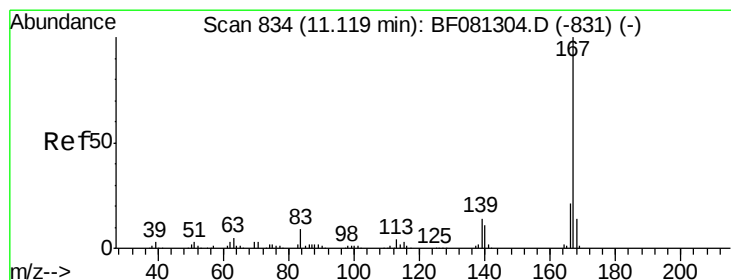
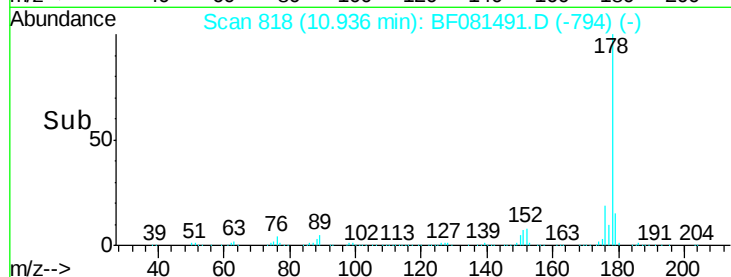
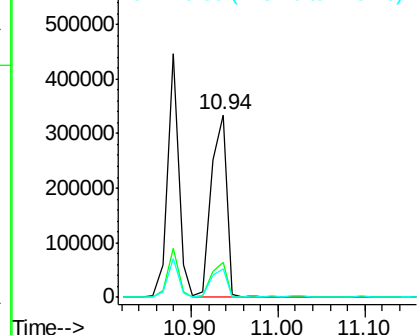
#71
 Anthracene
 Concen: 41.45 ng
 RT: 10.94 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF081491.D
 Acq: 6 Sep 2015 5:08

Instrument :
 BNA_F
 ClientSampleId :
 HX2MSD

Tot Ion:178 Resp: 416488
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.1 21.1
 179 15.6 12.2 18.2

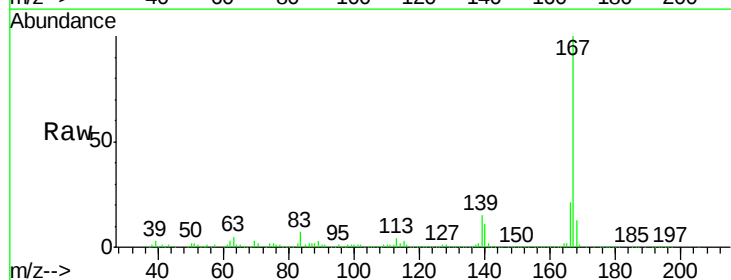


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

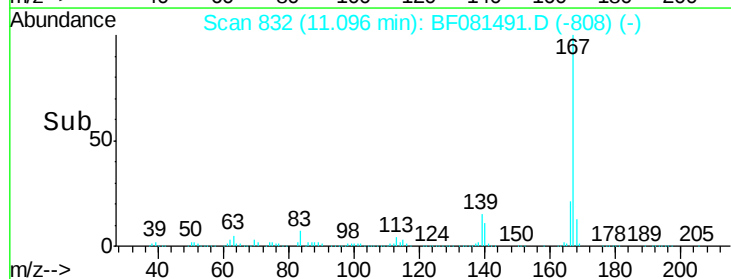
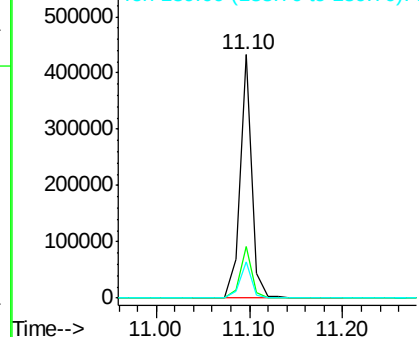


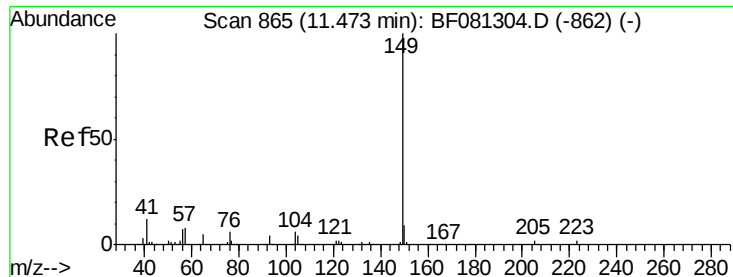
#72
 Carbazole
 Concen: 40.10 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BF081491.D
 Acq: 6 Sep 2015 5:08

Tgt Ion:167 Resp: 378029
 Ion Ratio Lower Upper
 167 100
 166 21.3 15.7 23.5
 139 14.7 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: 46.65 ng

RT: 11.45 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

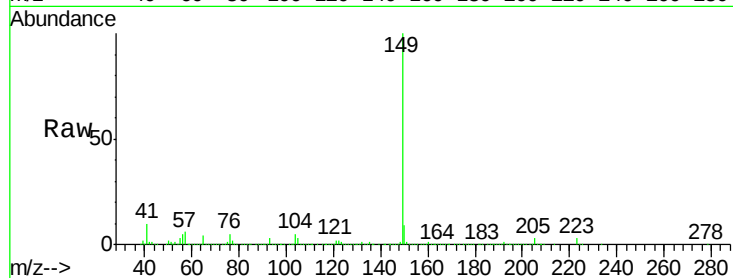
Tot Ion:149 Resp: 519407

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

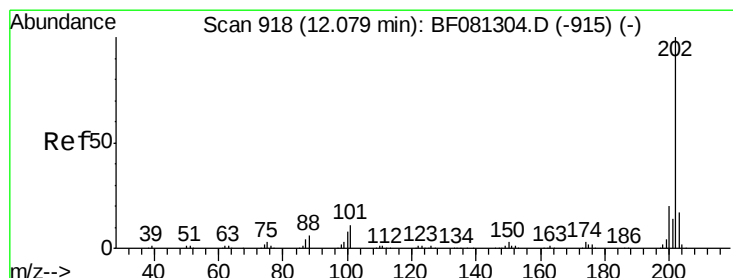
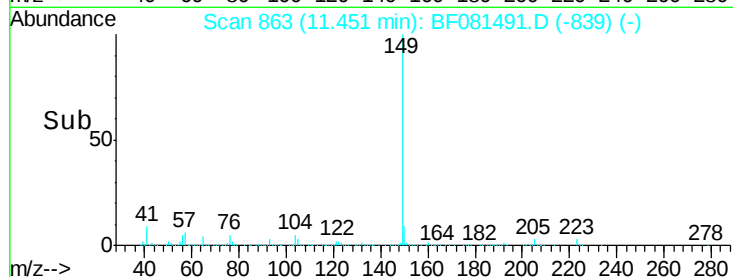
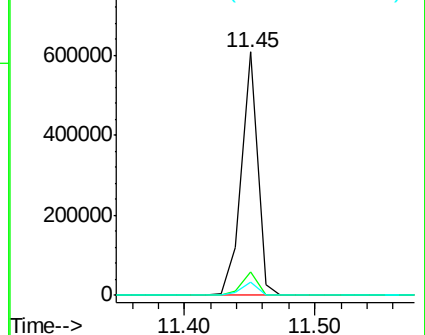
104 5.2 2.4 3.6#



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: 42.69 ng

RT: 12.06 min Scan# 916

Delta R.T. -0.02 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

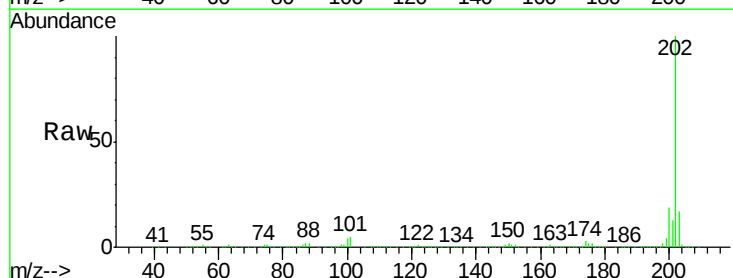
Tgt Ion:202 Resp: 451900

Ion Ratio Lower Upper

202 100

101 4.8 0.0 38.3

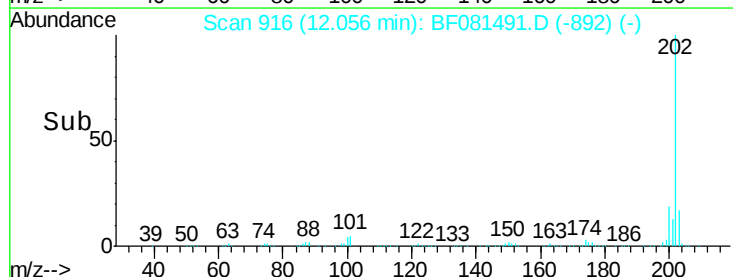
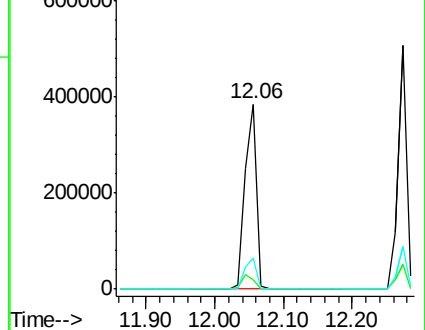
203 17.2 0.0 37.3

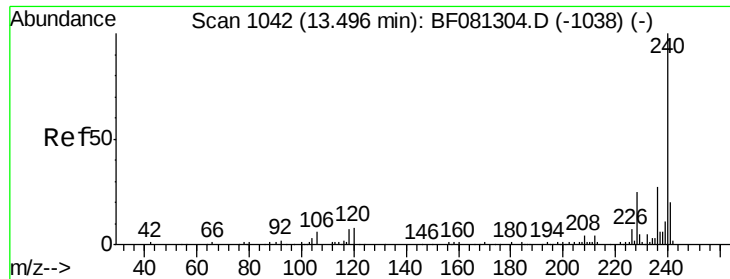


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

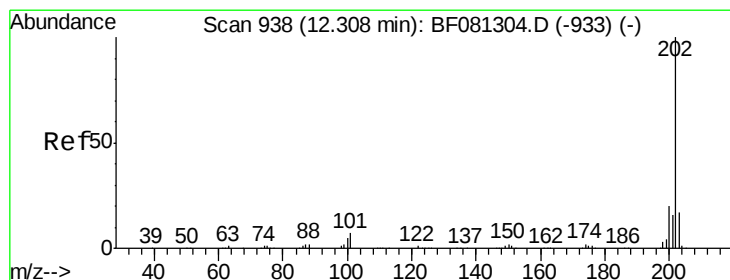
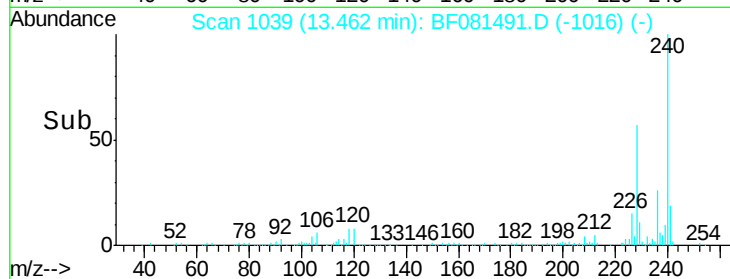
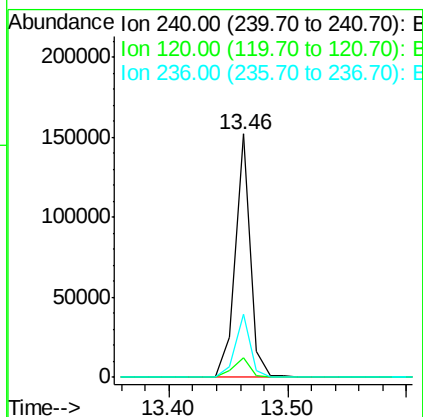
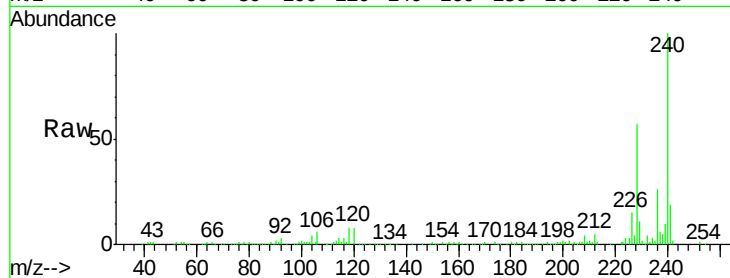




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

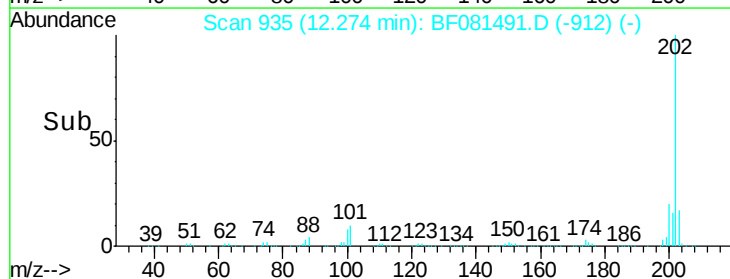
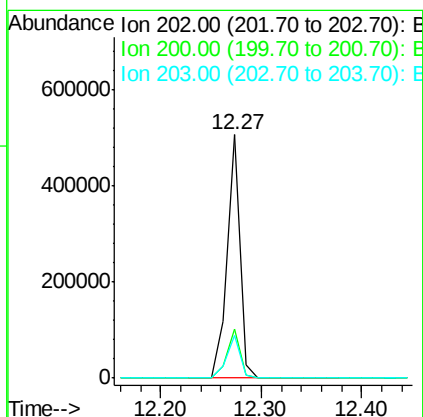
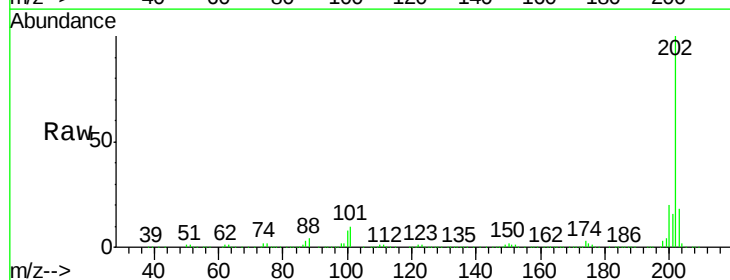
Instrument :
BNA_F
ClientSampleId :
HX2MSD

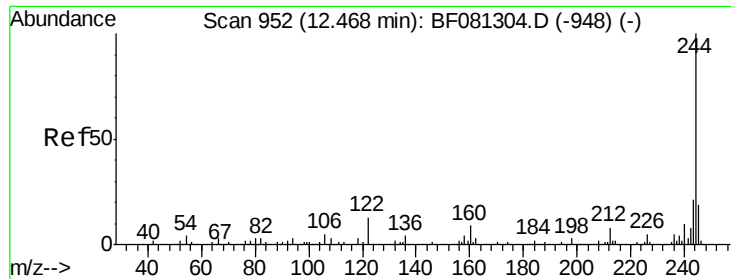
Tot Ion:240 Resp: 135186
Ion Ratio Lower Upper
240 100
120 8.2 16.2 24.2#
236 25.7 18.4 27.6



#77
Pyrene
Concen: 45.28 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:202 Resp: 453389
Ion Ratio Lower Upper
202 100
200 19.9 15.0 22.4
203 17.7 14.1 21.1

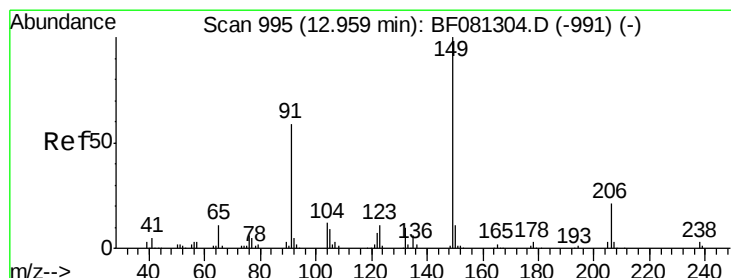
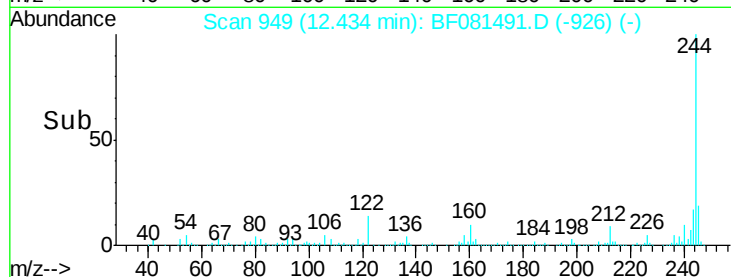
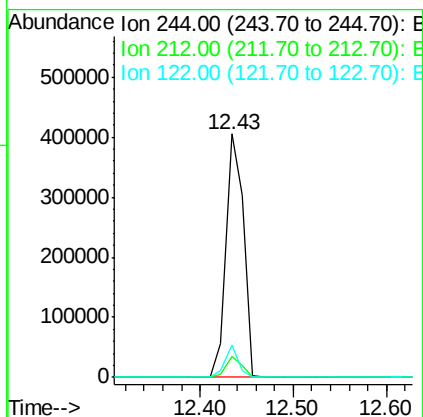
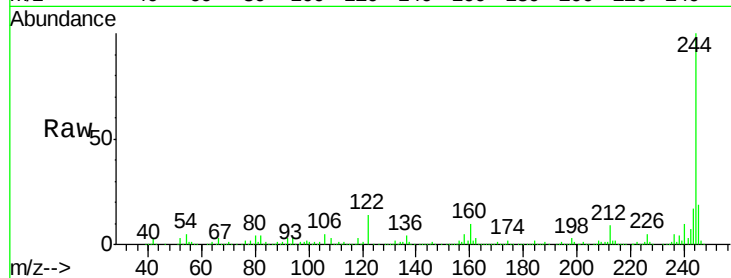




#78
 Terphenyl-d14
 Concen: 91.20 ng
 RT: 12.43 min Scan# 949
 Delta R.T. -0.03 min
 Lab File: BF081491.D
 Acq: 6 Sep 2015 5:08

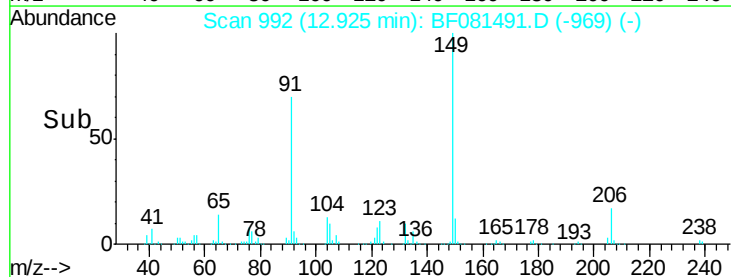
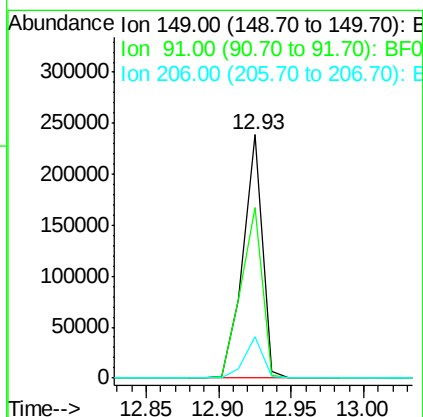
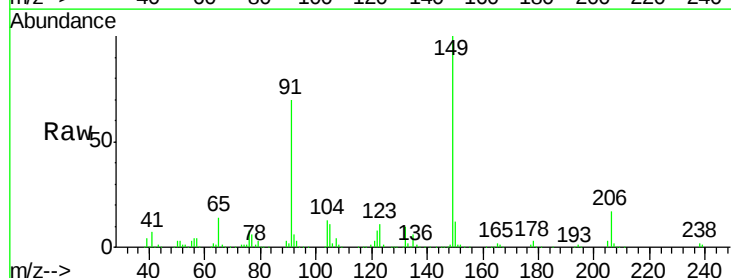
Instrument :
 BNA_F
 ClientSampleId :
 HX2MSD

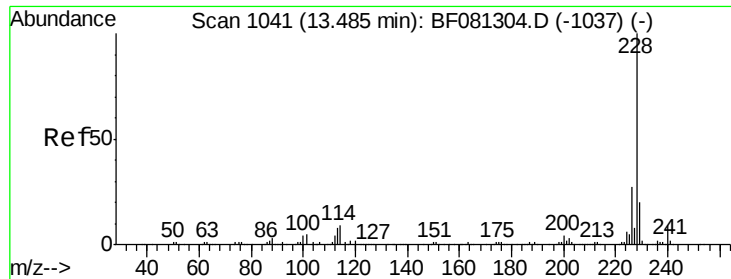
Tot Ion:244 Resp: 529641
 Ion Ratio Lower Upper
 244 100
 212 8.6 4.3 6.5#
 122 13.5 17.4 26.2#



#79
 Butylbenzylphthalate
 Concen: 51.02 ng
 RT: 12.93 min Scan# 992
 Delta R.T. -0.03 min
 Lab File: BF081491.D
 Acq: 6 Sep 2015 5:08

Tgt Ion:149 Resp: 222215
 Ion Ratio Lower Upper
 149 100
 91 70.1 48.6 72.8
 206 16.9 14.9 22.3





#80

Benzo(a)anthracene

Concen: 40.56 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

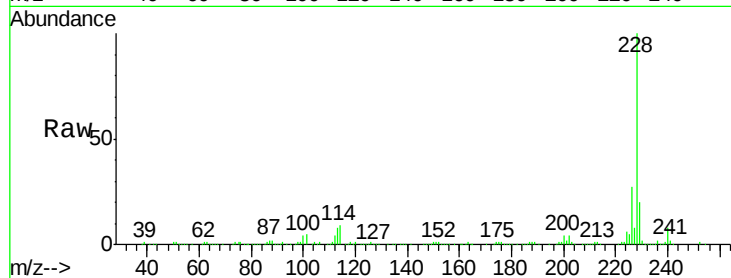
Tot Ion:228 Resp: 349183

Ion Ratio Lower Upper

228 100

226 26.8 20.0 30.0

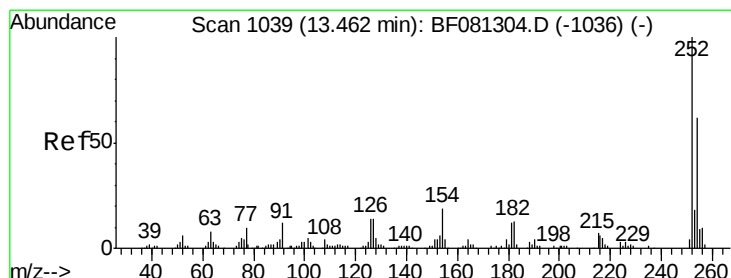
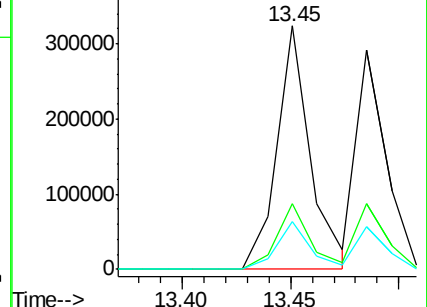
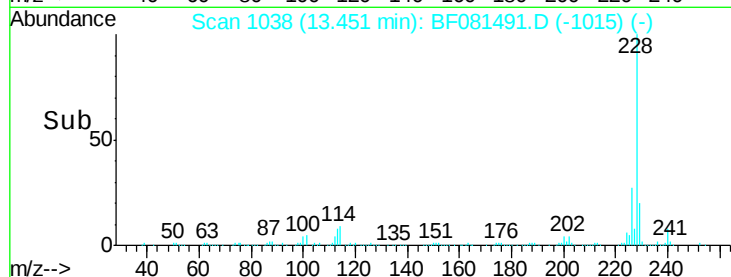
229 19.8 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 22.55 ng

RT: 13.43 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

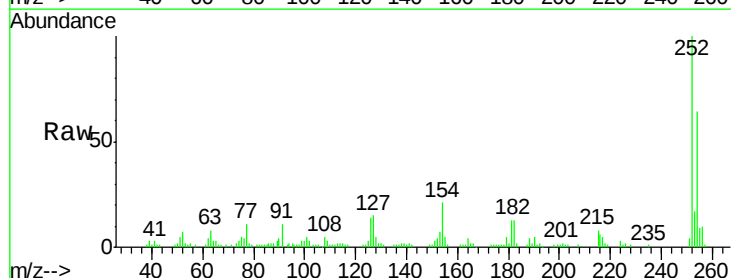
Tgt Ion:252 Resp: 65480

Ion Ratio Lower Upper

252 100

254 64.0 51.4 77.2

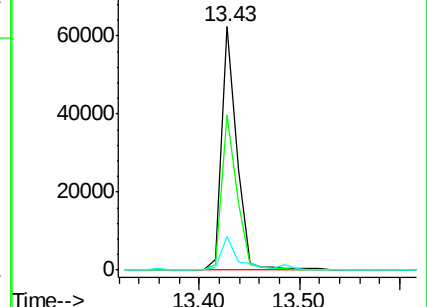
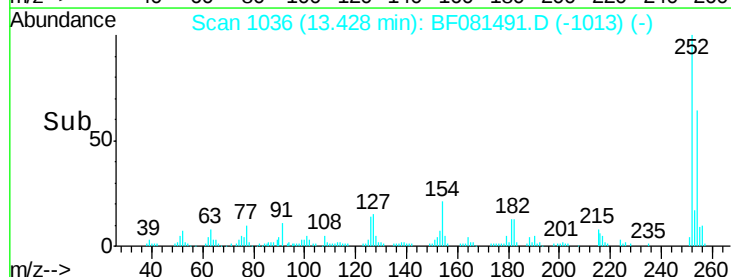
126 13.7 16.4 24.6#

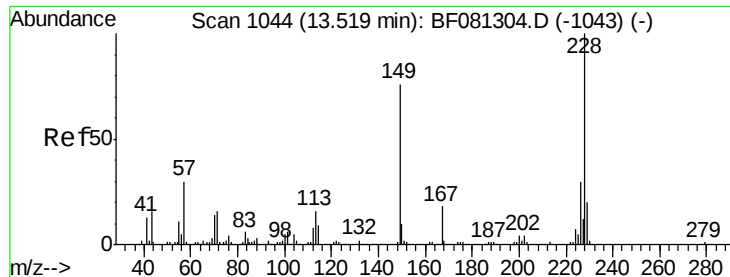


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 36.69 ng

RT: 13.49 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

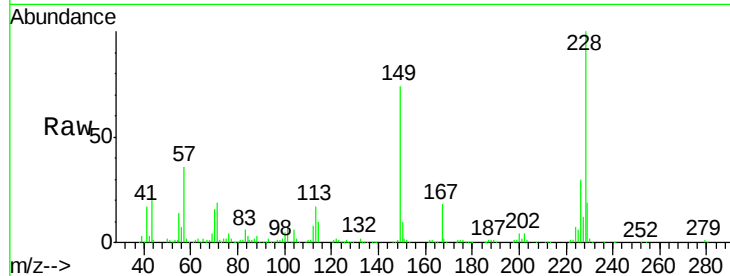
Tot Ion:228 Resp: 283178

Ion Ratio Lower Upper

228 100

226 30.1 21.0 31.4

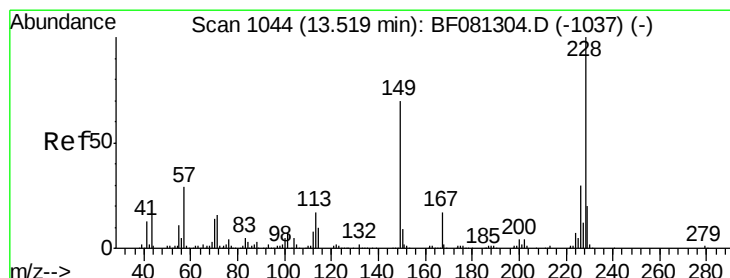
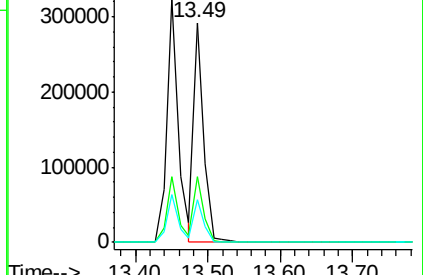
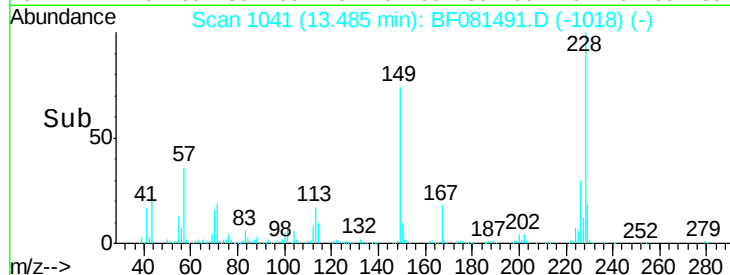
229 19.3 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.56 ng

RT: 13.49 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

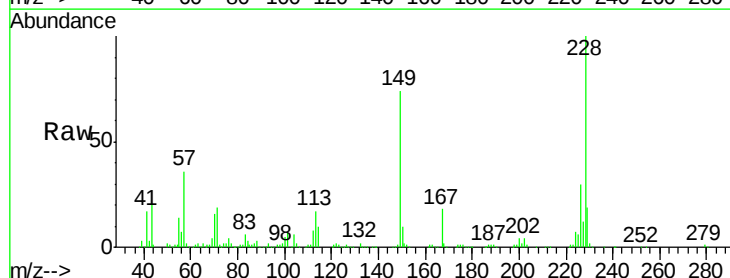
Tgt Ion:149 Resp: 261872

Ion Ratio Lower Upper

149 100

167 23.8 24.2 36.2#

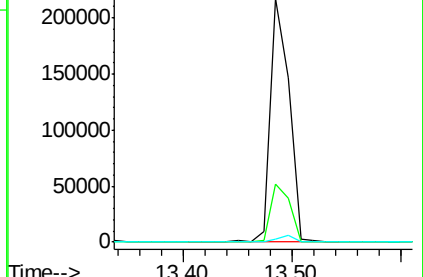
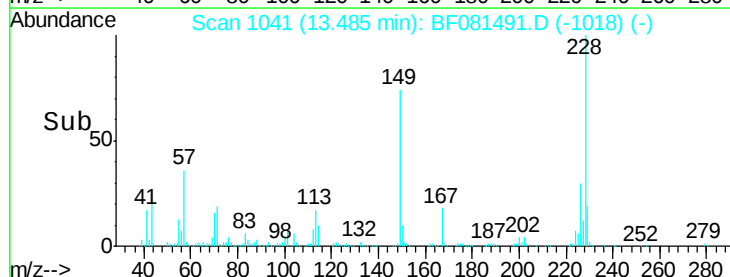
279 1.5 3.8 5.6#

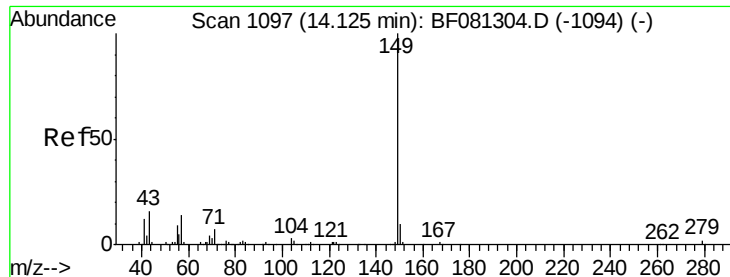


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 41.99 ng

RT: 14.09 min Scan# 1094

Delta R.T. -0.03 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

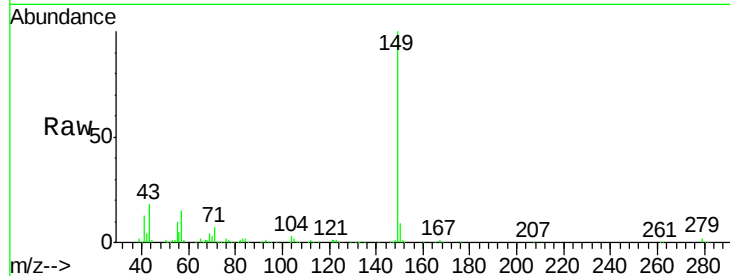
Tot Ion:149 Resp: 397370

Ion Ratio Lower Upper

149 100

167 1.3 1.0 1.6

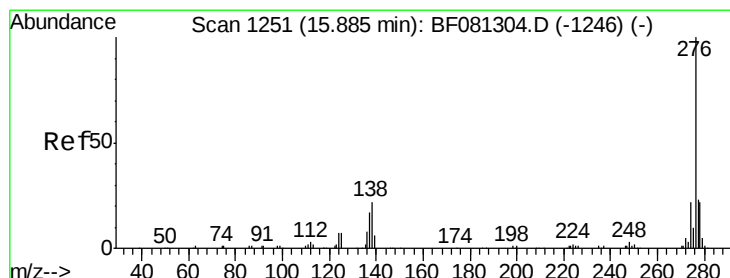
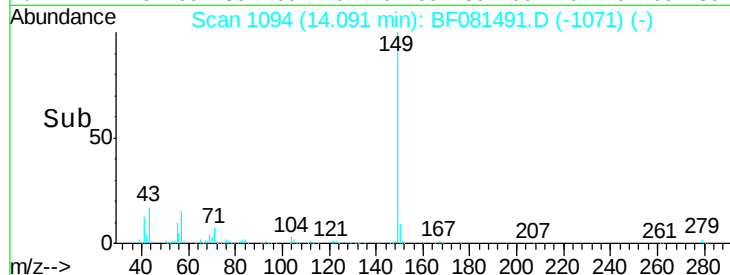
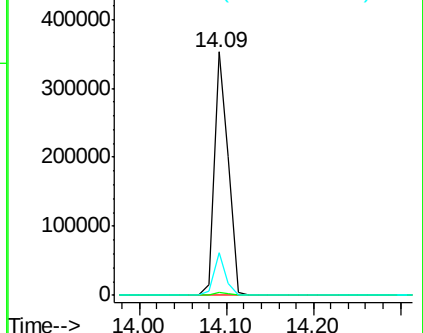
43 14.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 47.10 ng

RT: 15.84 min Scan# 1247

Delta R.T. -0.05 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

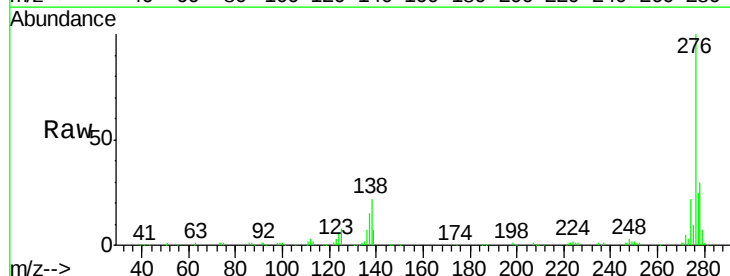
Tgt Ion:276 Resp: 266687

Ion Ratio Lower Upper

276 100

138 21.7 25.7 38.5#

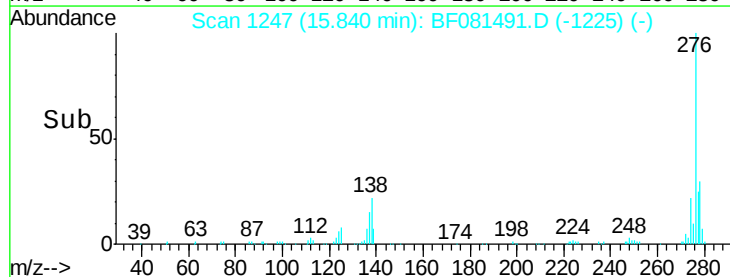
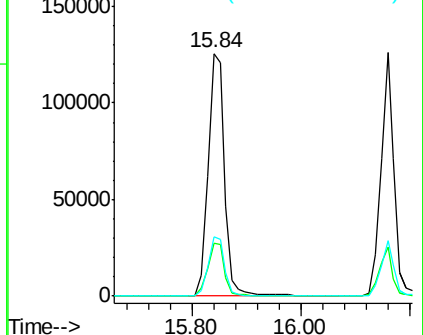
277 24.3 15.6 23.4#

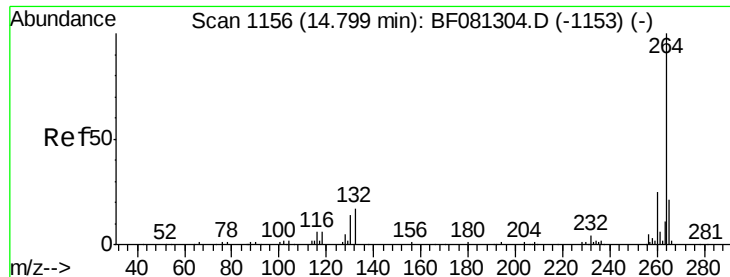


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

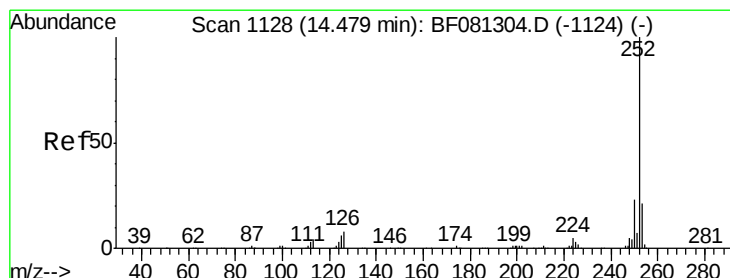
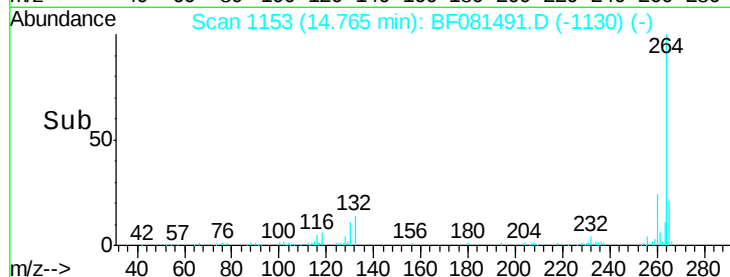
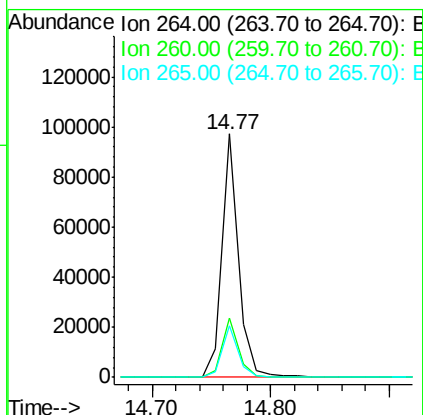
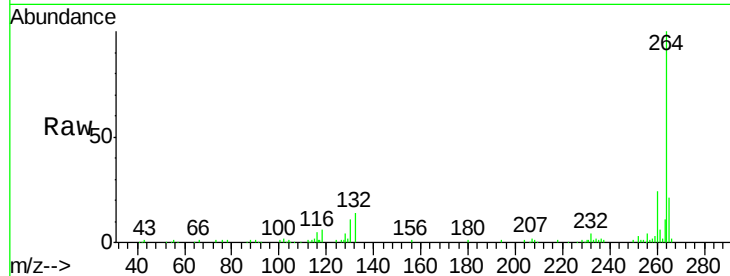




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.03 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

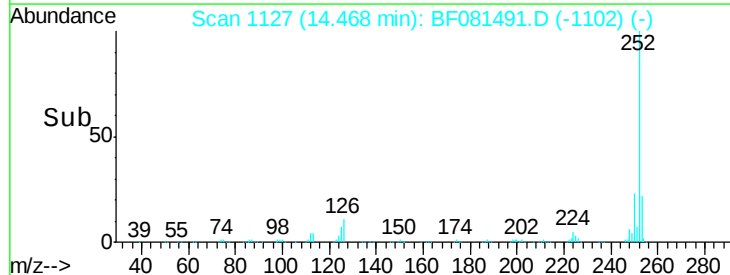
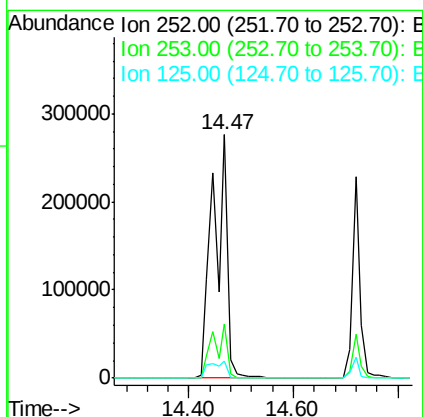
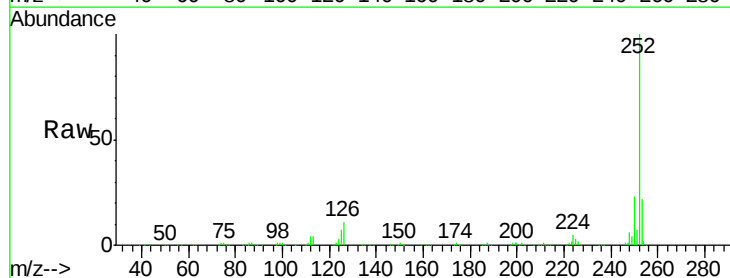
Instrument :
BNA_F
ClientSampleId :
HX2MSD

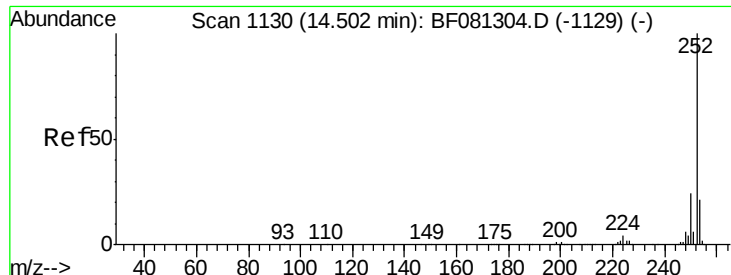
Tot Ion:264 Resp: 92458
Ion Ratio Lower Upper
264 100
260 24.1 16.7 25.1
265 21.3 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 79.39 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:252 Resp: 524017
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 7.1 17.1 25.7#

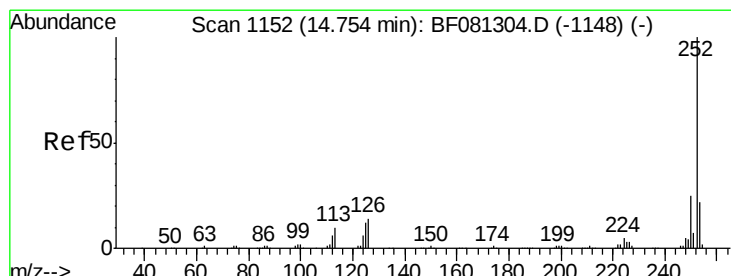
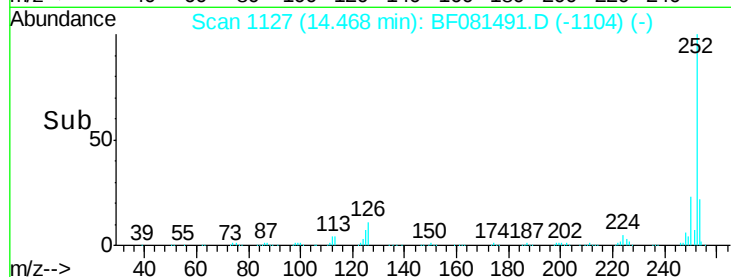
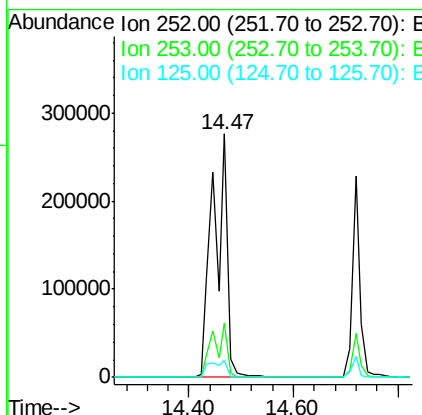
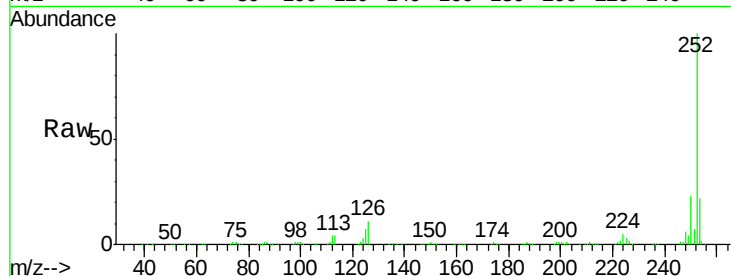




#88
Benzo(k)fluoranthene
Concen: 95.67 ng
RT: 14.47 min Scan# 1127
Delta R.T. -0.03 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

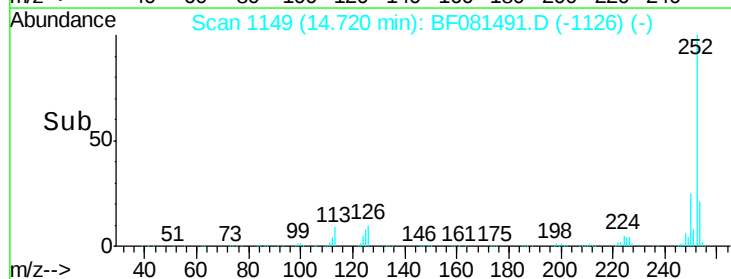
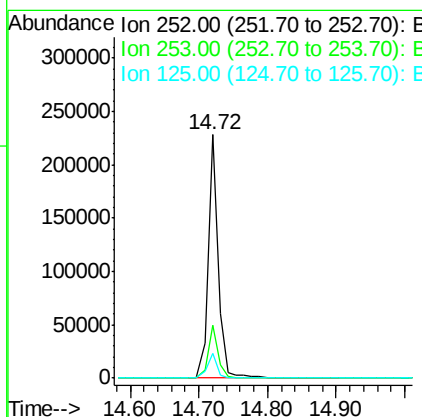
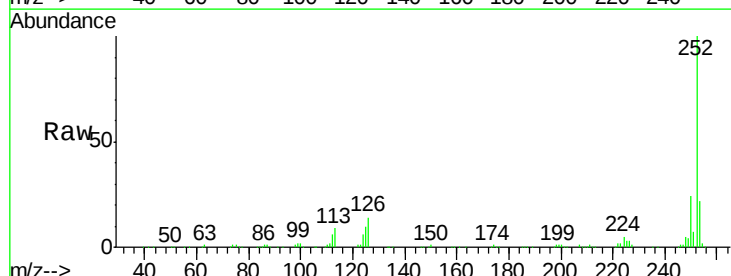
Instrument :
BNA_F
ClientSampleId :
HX2MSD

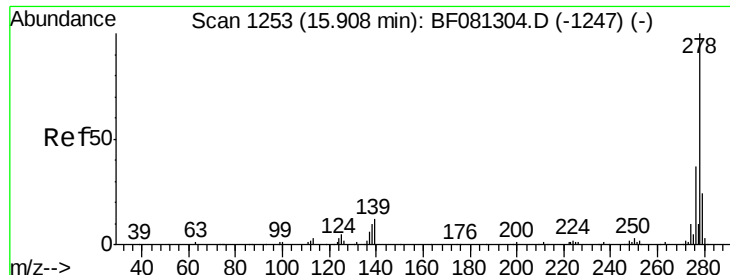
Tot Ion:252 Resp: 524017
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 7.1 16.0 24.0#



#89
Benzo(a)pyrene
Concen: 41.80 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.03 min
Lab File: BF081491.D
Acq: 6 Sep 2015 5:08

Tgt Ion:252 Resp: 233799
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 10.4 18.0 27.0#





#90

Dibenzo(a,h)anthracene

Concen: 50.27 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.06 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

Instrument :

BNA_F

ClientSampleId :

HX2MSD

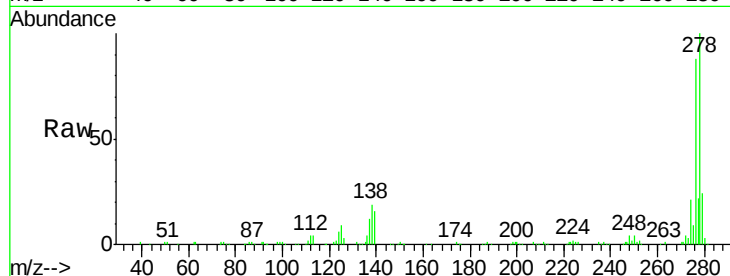
Tot Ion:278 Resp: 217267

Ion Ratio Lower Upper

278 100

139 15.7 26.3 39.5#

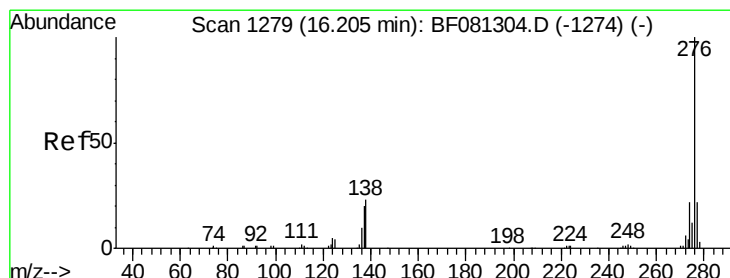
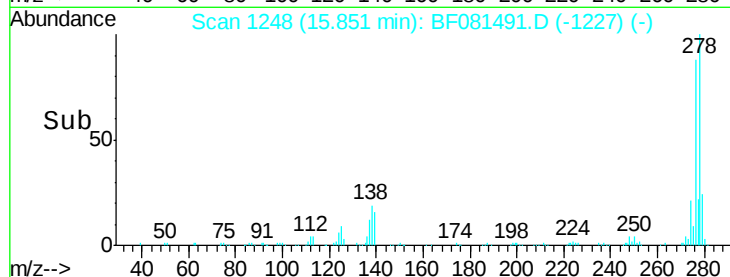
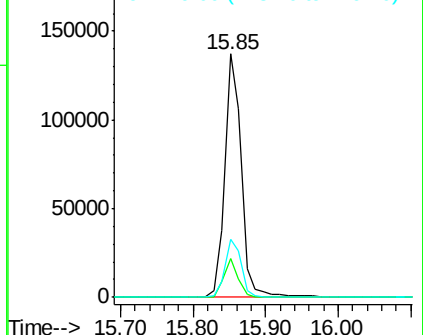
279 24.0 18.2 27.4



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: 53.44 ng

RT: 16.16 min Scan# 1275

Delta R.T. -0.05 min

Lab File: BF081491.D

Acq: 6 Sep 2015 5:08

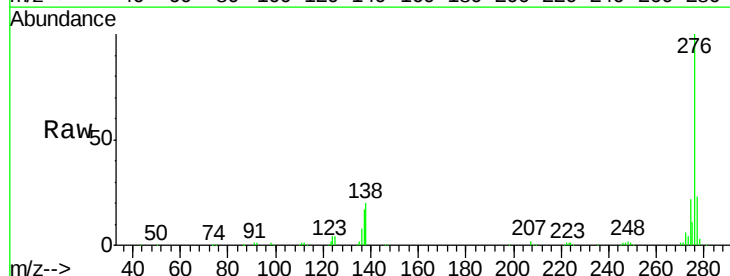
Tgt Ion:276 Resp: 220458

Ion Ratio Lower Upper

276 100

277 22.7 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

