

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
 Data File : BF092189.D
 Acq On : 10 Jan 2017 18:32
 Operator : UM/SJ
 Sample : PB95858BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95858BS

Quant Time: Jan 10 23:32:54 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	169940	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	642407	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	366221	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	607521	20.00	ng	0.00
75) Chrysene-d12	13.80	240	441812	20.00	ng	0.01
86) Perylene-d12	15.17	264	394040	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1221055	119.97	ng	0.01
7) Phenol-d6	6.31	99	1633835	131.49	ng	0.00
23) Nitrobenzene-d5	7.21	82	1180379	102.17	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	426242	140.64	ng	0.01
44) 2-Fluorobiphenyl	9.01	172	1716379	98.00	ng	0.00
78) Terphenyl-d14	12.75	244	1666101	91.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	163880	32.71	ng	# 94
3) Pyridine	2.79	79	601692	34.41	ng	98
4) n-Nitrosodimethylamine	2.74	42	260343	39.47	ng	96
6) Aniline	6.30	93	236785	14.67	ng	# 59
8) 2-Chlorophenol	6.42	128	489916	42.32	ng	94
9) Benzaldehyde	6.17	77	38059	3.89	ng	98
10) Phenol	6.32	94	634354	44.80	ng	# 75
11) bis(2-Chloroethyl)ether	6.38	93	510951	45.35	ng	95
12) 1,3-Dichlorobenzene	6.57	146	521407	42.19	ng	# 95
13) 1,4-Dichlorobenzene	6.65	146	531606	42.26	ng	95
14) 1,2-Dichlorobenzene	6.80	146	445671	40.83	ng	97
15) Benzyl Alcohol	6.79	79	395921	41.01	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.93	45	709774	42.30	ng	# 29
17) 2-Methylphenol	6.93	107	413590	44.42	ng	# 89
18) Hexachloroethane	7.14	117	196815	42.20	ng	98
19) n-Nitroso-di-n-propylamine	7.06	70	387497	46.87	ng	96
20) 3+4-Methylphenols	7.09	107	588817	53.02	ng	# 73
22) Acetophenone	7.05	105	741328	46.79	ng	# 92
24) Nitrobenzene	7.22	77	516744	42.00	ng	98
25) Isophorone	7.48	82	833137	39.09	ng	98
26) 2-Nitrophenol	7.54	139	266925	43.99	ng	97
27) 2,4-Dimethylphenol	7.60	122	394428	39.19	ng	99
28) bis(2-Chloroethoxy)methane	7.68	93	553843	42.85	ng	98
29) 2,4-Dichlorophenol	7.81	162	377690	44.32	ng	98
30) 1,2,4-Trichlorobenzene	7.86	180	387082	41.45	ng	# 95
31) Naphthalene	7.94	128	1265420	43.04	ng	99
32) Benzoic acid	7.77	122	254698	34.12	ng	99
33) 4-Chloroaniline	8.00	127	123273	9.30	ng	97
34) Hexachlorobutadiene	8.06	225	214322	43.48	ng	99
35) Caprolactam	8.39	113	86970	31.05	ng	# 65
36) 4-Chloro-3-methylphenol	8.52	107	416810	42.50	ng	96
37) 2-Methylnaphthalene	8.64	142	915625	56.65	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	392656	42.44	ng	99
40) Hexachlorocyclopentadiene	8.79	237	272273	66.77	ng	96

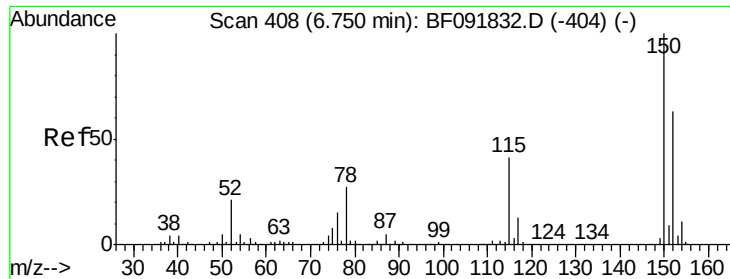
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011017\
 Data File : BF092189.D
 Acq On : 10 Jan 2017 18:32
 Operator : UM/SJ
 Sample : PB95858BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	265299	41.00	ng	100
43) 2,4,5-Trichlorophenol	8.98	196	265468	39.86	ng	97
45) 1,1'-Biphenyl	9.11	154	1125301	44.88	ng	97
46) 2-Chloronaphthalene	9.13	162	850978	42.85	ng	98
47) 2-Nitroaniline	9.24	65	299675	42.38	ng	# 83
48) Acenaphthylene	9.54	152	1328541	43.50	ng	98
49) Dimethylphthalate	9.42	163	1033814	44.14	ng	100
50) 2,6-Dinitrotoluene	9.48	165	202399	39.48	ng	# 66
51) Acenaphthene	9.72	154	851365	41.12	ng	99
52) 3-Nitroaniline	9.65	138	79434	12.52	ng	# 76
53) 2,4-Dinitrophenol	9.77	184	239374	83.91	ng	# 87
54) Dibenzofuran	9.89	168	1136914	40.66	ng	99
55) 4-Nitrophenol	9.85	139	331296	76.91	ng	# 85
56) 2,4-Dinitrotoluene	9.89	165	262862	40.85	ng	# 78
57) Fluorene	10.23	166	962474	47.31	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	220490	41.86	ng	97
59) Diethylphthalate	10.12	149	1030712	45.31	ng	97
60) 4-Chlorophenyl-phenylether	10.22	204	381220	42.80	ng	99
61) 4-Nitroaniline	10.26	138	244781	37.23	ng	95
62) Azobenzene	10.38	77	1078039	43.04	ng	99
64) 4,6-Dinitro-2-methylphenol	10.31	198	155124	42.23	ng	93
65) n-Nitrosodiphenylamine	10.34	169	777824	43.15	ng	100
66) 4-Bromophenyl-phenylether	10.71	248	285500	45.18	ng	# 90
67) Hexachlorobenzene	10.78	284	270815	40.09	ng	# 89
68) Atrazine	10.88	200	264044	45.41	ng	97
69) Pentachlorophenol	10.98	266	246615	74.40	ng	99
70) Phenanthrene	11.19	178	1461929	44.38	ng	98
71) Anthracene	11.24	178	1279456	43.21	ng	99
72) Carbazole	11.40	167	1170232	41.82	ng	98
73) Di-n-butylphthalate	11.73	149	1511837	48.78	ng	99
74) Fluoranthene	12.37	202	1307068	45.25	ng	98
76) Benzidine	12.49	184	107741	6.26	ng	96
77) Pyrene	12.60	202	1303660	40.22	ng	99
79) Butylbenzylphthalate	13.23	149	687693	46.65	ng	91
80) Benzo(a)anthracene	13.79	228	1065860	42.74	ng	100
81) 3,3'-Dichlorobenzidine	13.75	252	230571	24.38	ng	# 95
82) Chrysene	13.83	228	1116469	44.63	ng	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	777274	44.77	ng	99
84) Di-n-octyl phthalate	14.40	149	1516504	47.15	ng	99
85) Indeno(1,2,3-cd)pyrene	16.47	276	903951	41.71	ng	98
87) Benzo(b)fluoranthene	14.83	252	1970052	80.30	ng	99
88) Benzo(k)fluoranthene	14.83	252	1970052	94.17	ng	99
89) Benzo(a)pyrene	15.12	252	924441	42.46	ng	99
90) Dibenzo(a,h)anthracene	16.48	278	750804	41.95	ng	# 93
91) Benzo(g,h,i)perylene	16.85	276	743372	39.95	ng	96

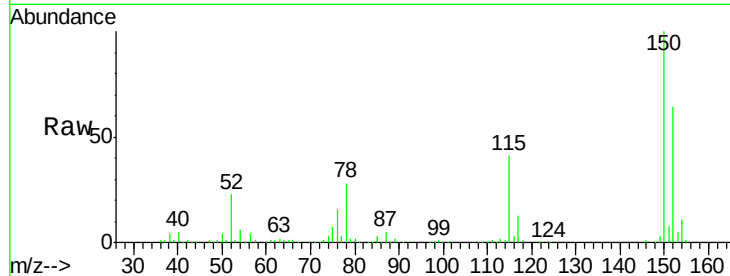
(#) = qualifier out of range (m) = manual integration (+) = signals summed



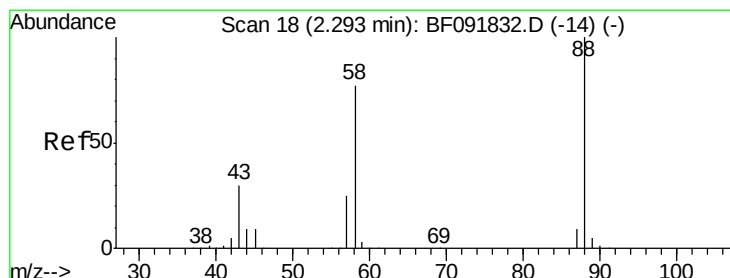
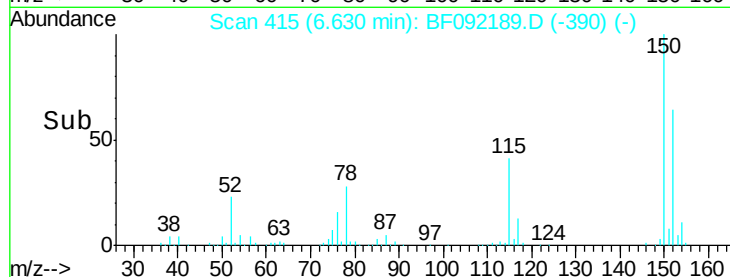
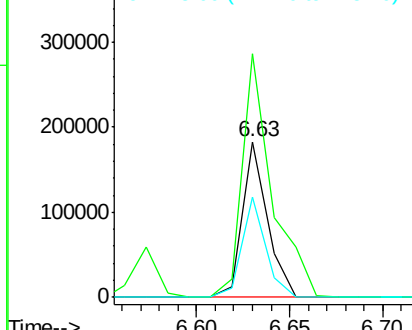
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: BF092189.D
 Acq: 10 Jan 2017 18:32

Instrument :
 BNA_F
 ClientSampleId :
 PB95858BS

Tgt Ion:152 Resp: 169940
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.9 187.3
 115 64.4 46.0 69.0

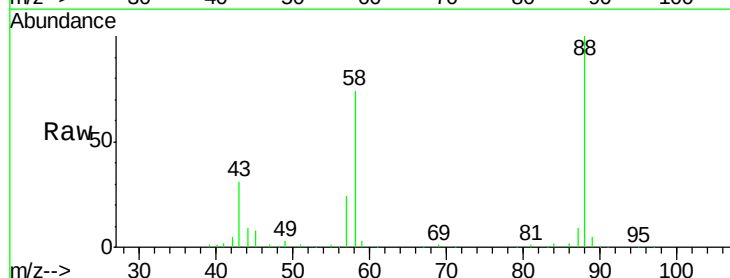


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

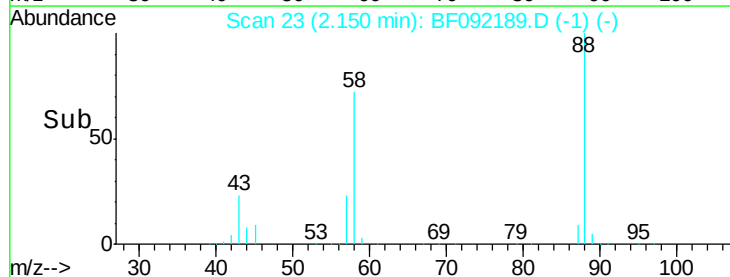
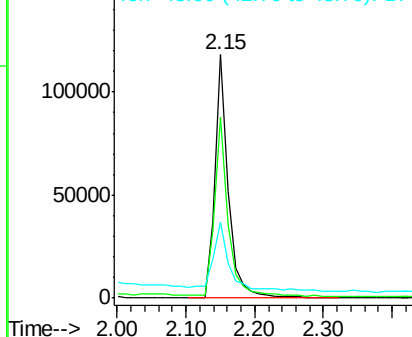


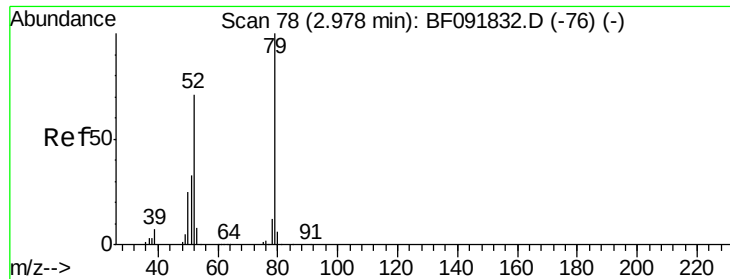
#2
 1,4-Dioxane
 Concen: 32.71 ng
 RT: 2.15 min Scan# 23
 Delta R.T. 0.07 min
 Lab File: BF092189.D
 Acq: 10 Jan 2017 18:32

Tgt Ion: 88 Resp: 163880
 Ion Ratio Lower Upper
 88 100
 58 74.7 57.8 86.8
 43 34.5 22.3 33.5#



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

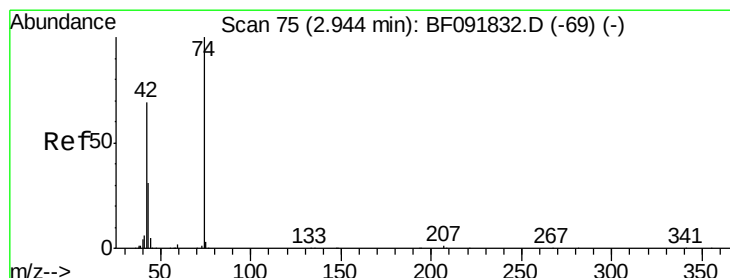
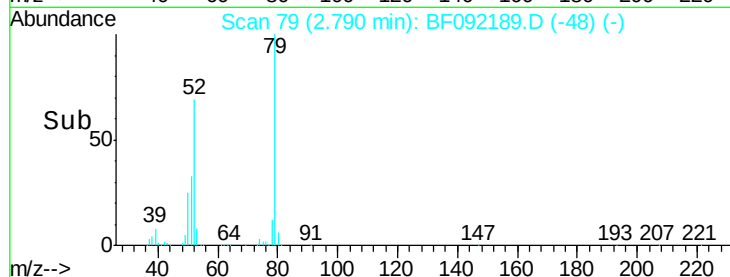
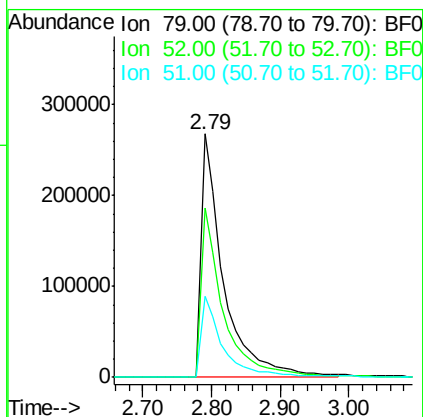
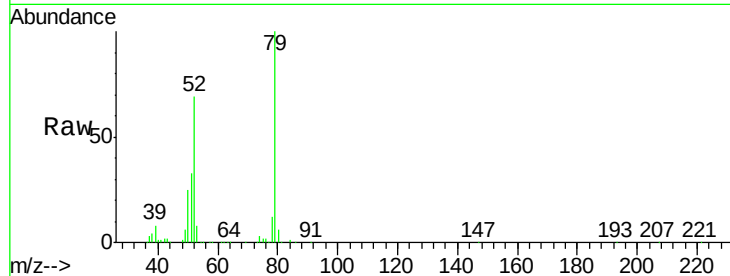




#3
 Pyridine
 Concen: 34.41 ng
 RT: 2.79 min Scan# 79
 Delta R.T. 0.06 min
 Lab File: BF092189.D
 Acq: 10 Jan 2017 18:32

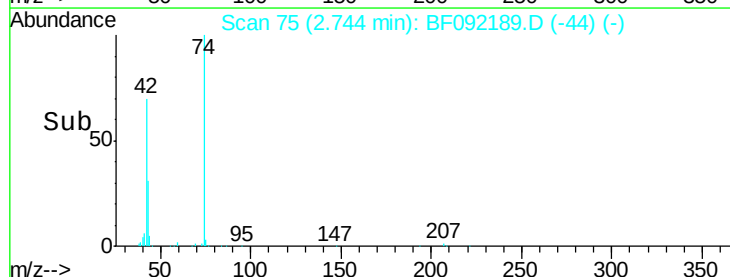
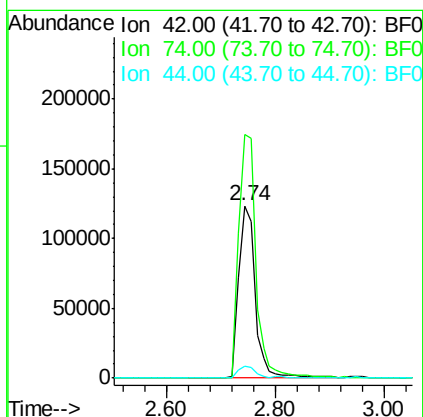
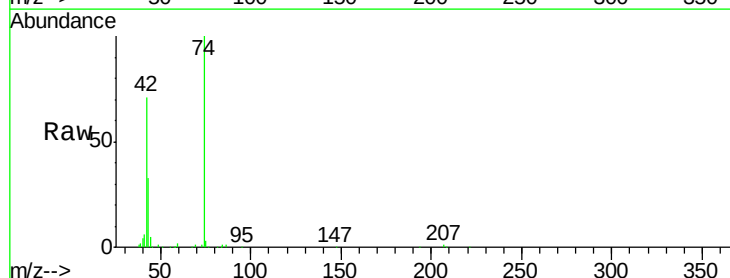
Instrument :
 BNA_F
 ClientSampleId :
 PB95858BS

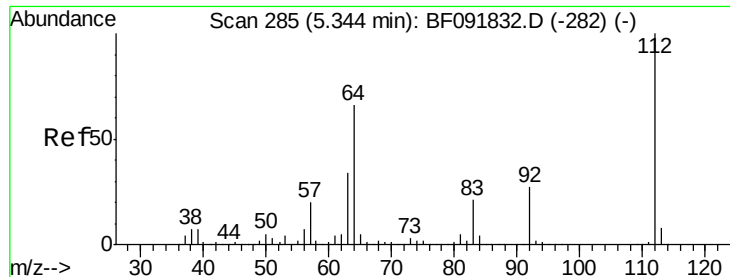
Tgt Ion: 79 Resp: 601692
 Ion Ratio Lower Upper
 79 100
 52 69.3 57.1 85.7
 51 33.1 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 39.47 ng
 RT: 2.74 min Scan# 75
 Delta R.T. 0.06 min
 Lab File: BF092189.D
 Acq: 10 Jan 2017 18:32

Tgt Ion: 42 Resp: 260343
 Ion Ratio Lower Upper
 42 100
 74 141.5 117.0 175.4
 44 6.9 5.5 8.3





#5

2-Fluorophenol

Concen: 119.97 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PB95858BS

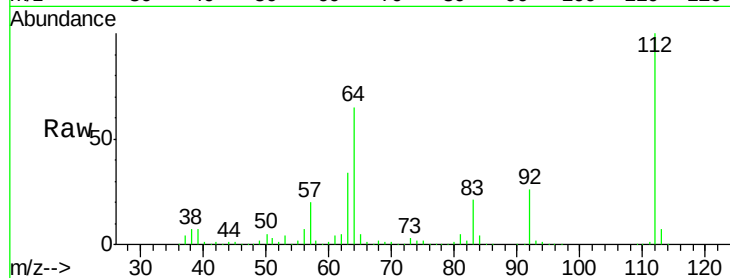
Tgt Ion: 112 Resp: 1221055

Ion Ratio Lower Upper

112 100

64 64.7 46.1 69.1

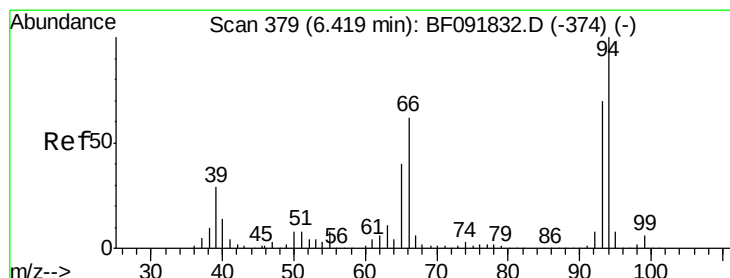
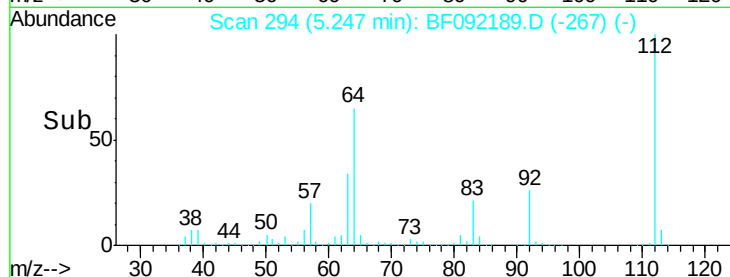
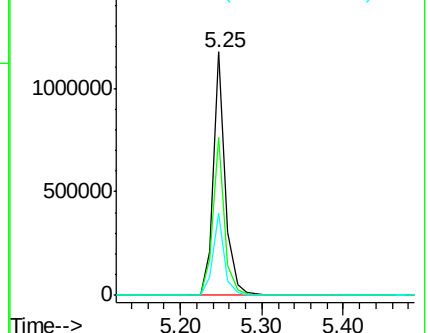
63 33.7 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.67 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

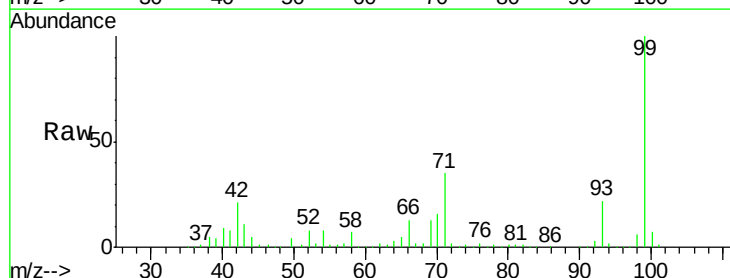
Tgt Ion: 93 Resp: 236785

Ion Ratio Lower Upper

93 100

66 61.0 76.2 114.2#

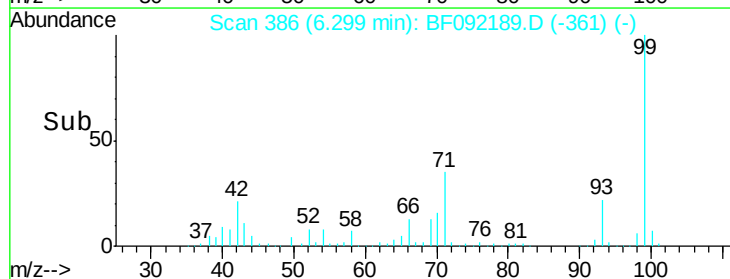
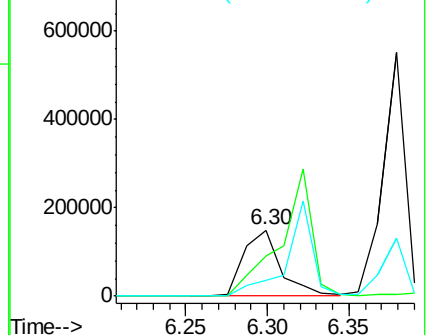
65 23.2 49.3 73.9#

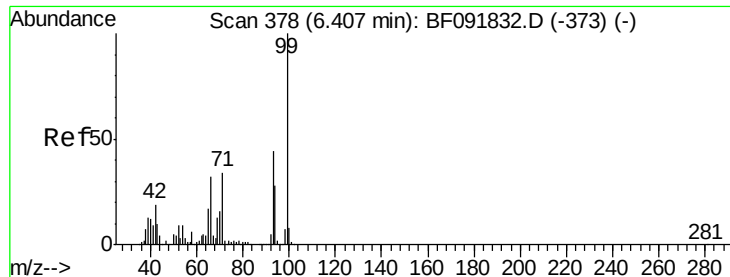


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.49 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PB95858BS

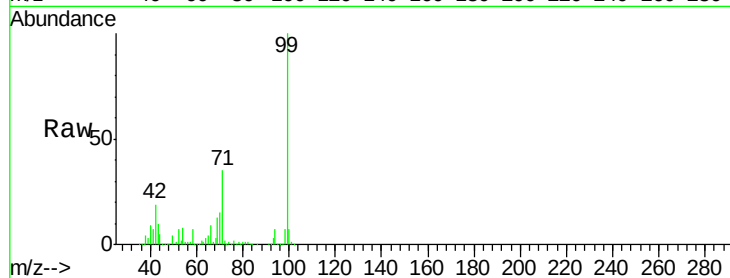
Tgt Ion: 99 Resp: 1633835

Ion Ratio Lower Upper

99 100

42 19.3 15.6 23.4

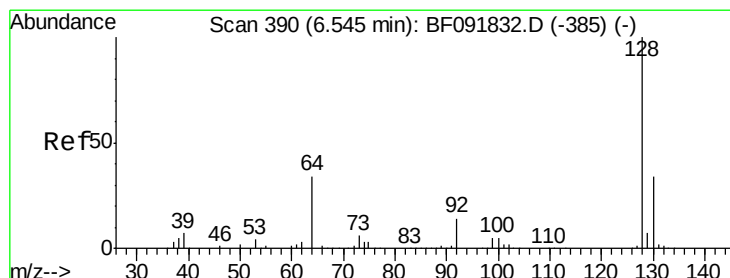
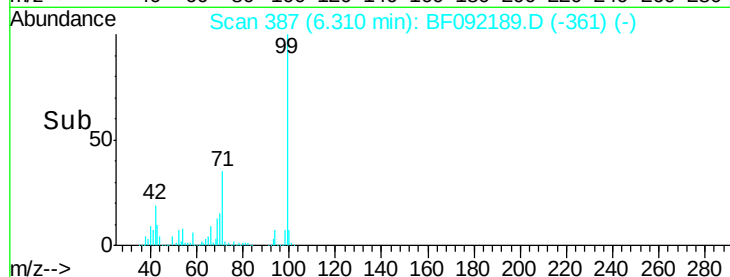
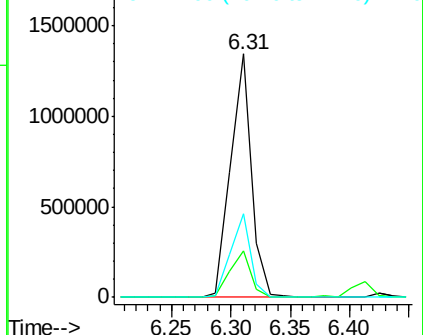
71 34.5 27.5 41.3



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: 42.32 ng

RT: 6.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

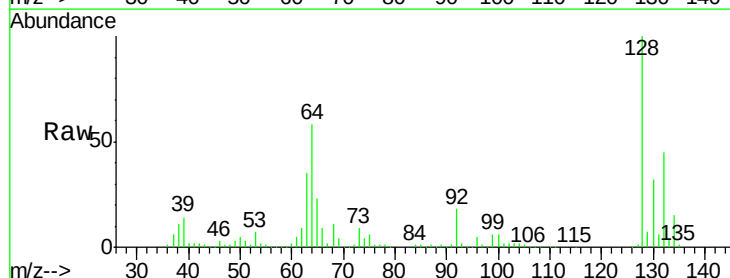
Tgt Ion: 128 Resp: 489916

Ion Ratio Lower Upper

128 100

130 31.7 12.3 52.3

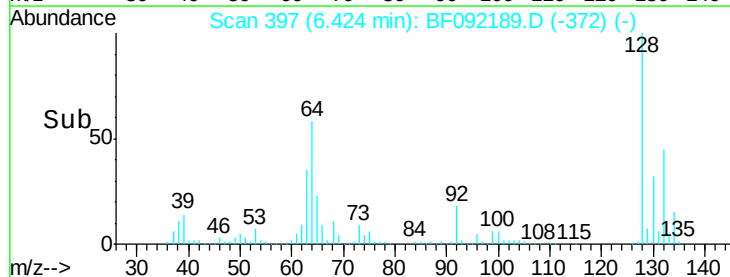
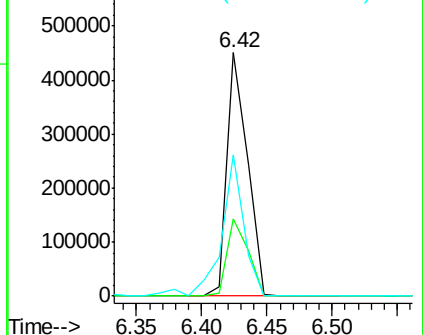
64 58.1 32.2 72.2

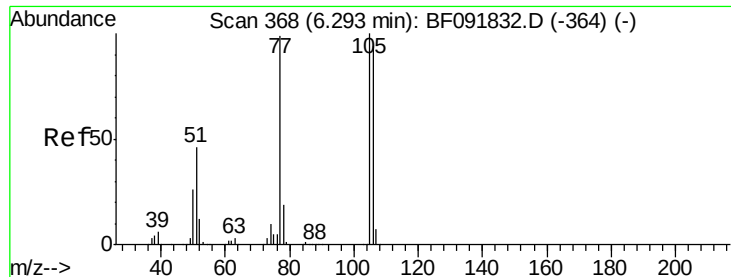


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.89 ng

RT: 6.17 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PB95858BS

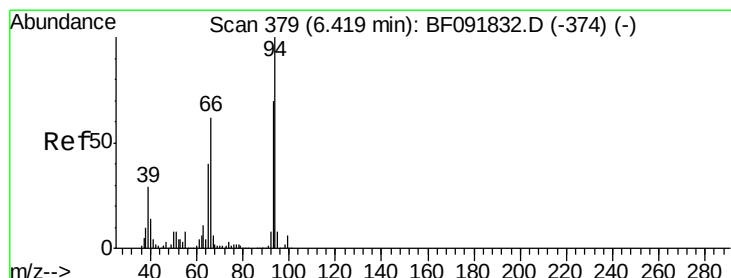
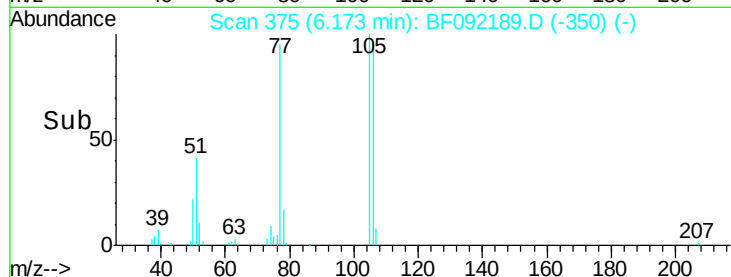
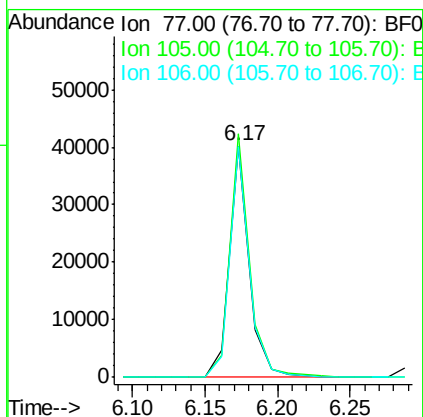
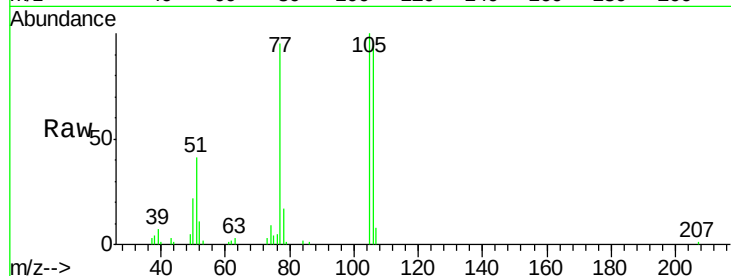
Tgt Ion: 77 Resp: 38059

Ion Ratio Lower Upper

77 100

105 105.4 83.9 123.9

106 100.1 77.6 117.6



#10

Phenol

Concen: 44.80 ng

RT: 6.32 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

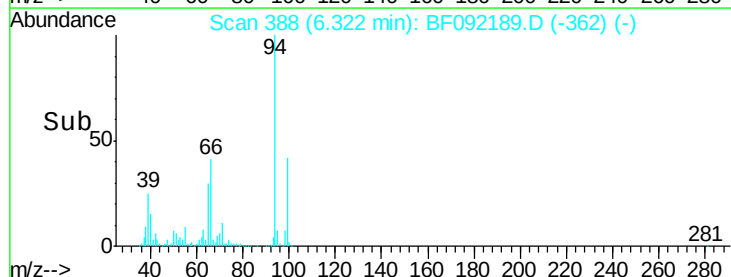
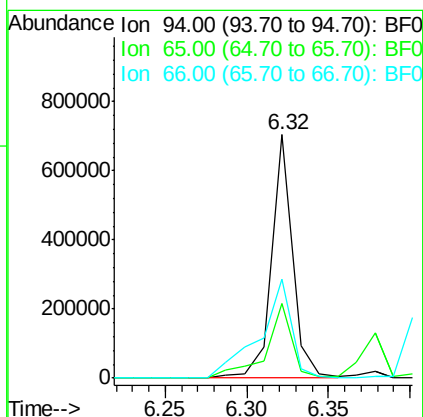
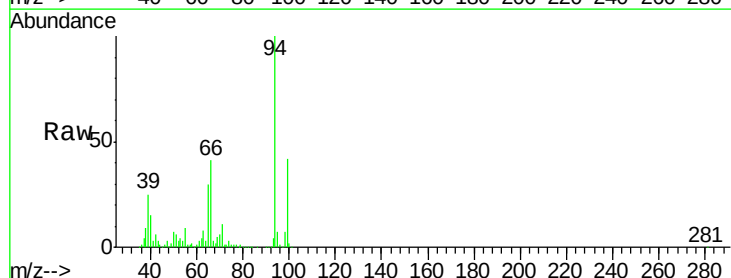
Tgt Ion: 94 Resp: 634354

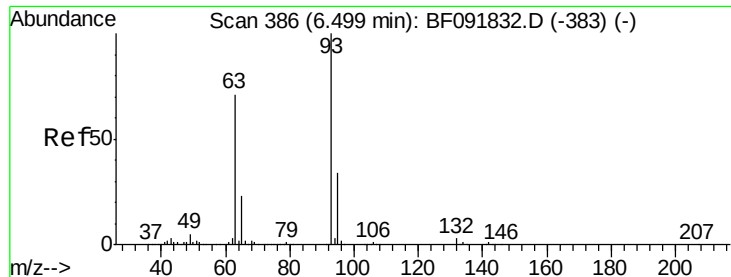
Ion Ratio Lower Upper

94 100

65 30.4 21.4 61.4

66 40.7 44.0 84.0#

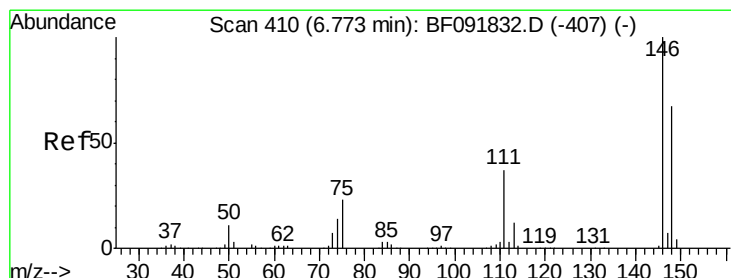
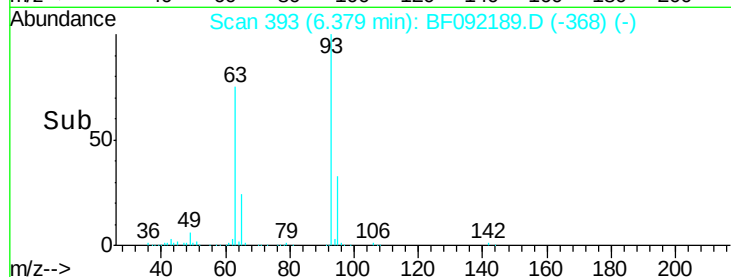
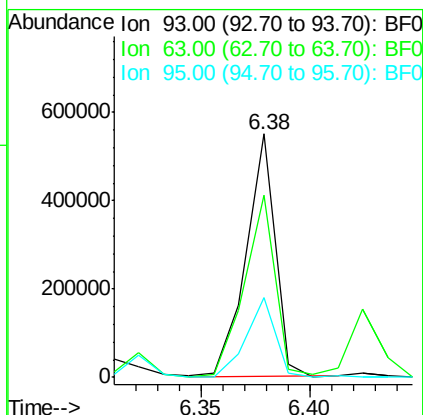
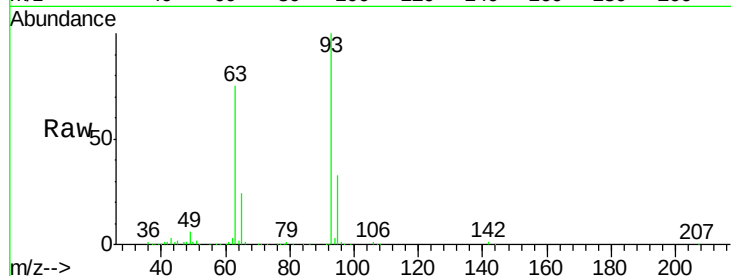




#11
bis(2-Chloroethyl)ether
Concen: 45.35 ng
RT: 6.38 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF092189.D
Acq: 10 Jan 2017 18:32

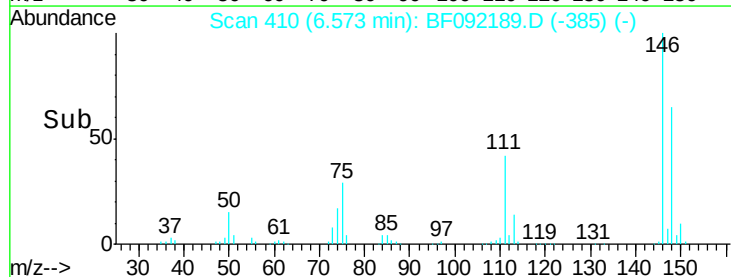
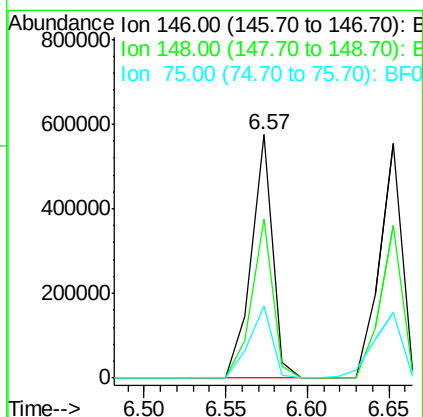
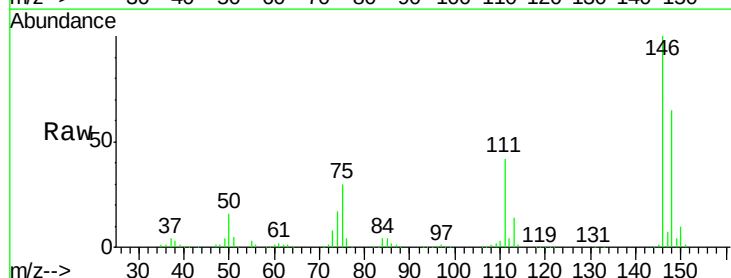
Instrument :
BNA_F
ClientSampleId :
PB95858BS

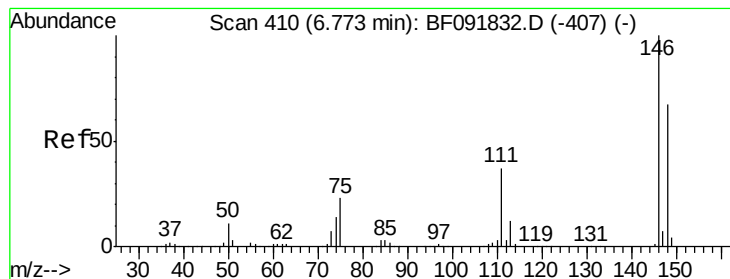
Tgt Ion: 93 Resp: 510951
Ion Ratio Lower Upper
93 100
63 74.6 60.4 100.4
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.19 ng
RT: 6.57 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF092189.D
Acq: 10 Jan 2017 18:32

Tgt Ion: 146 Resp: 521407
Ion Ratio Lower Upper
146 100
148 65.3 53.4 80.0
75 29.5 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 42.26 ng

RT: 6.65 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PB95858BS

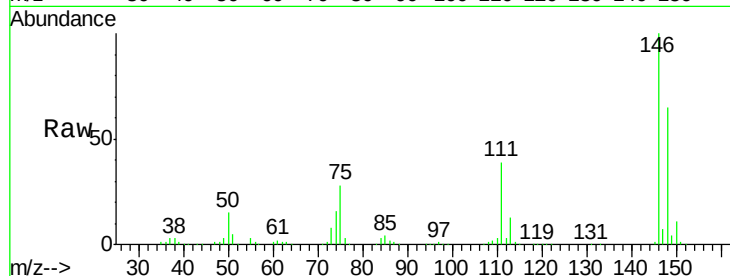
Tgt Ion:146 Resp: 531606

Ion Ratio Lower Upper

146 100

148 64.8 50.6 76.0

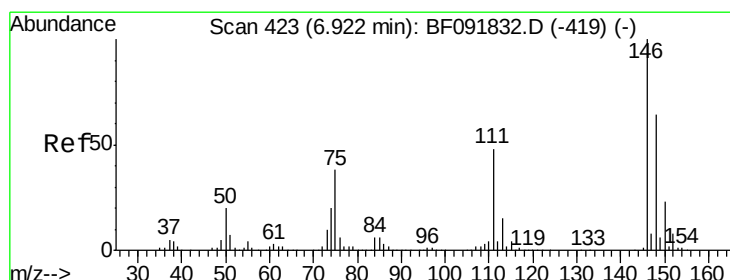
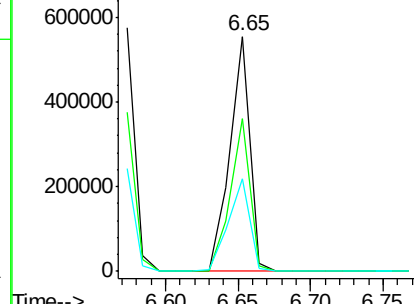
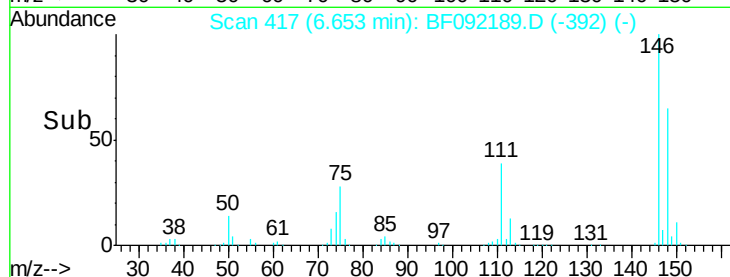
111 39.5 36.2 54.4



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: 40.83 ng

RT: 6.80 min Scan# 430

Delta R.T. -0.01 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

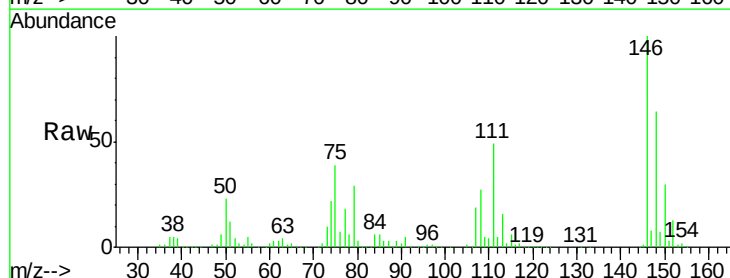
Tgt Ion:146 Resp: 445671

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

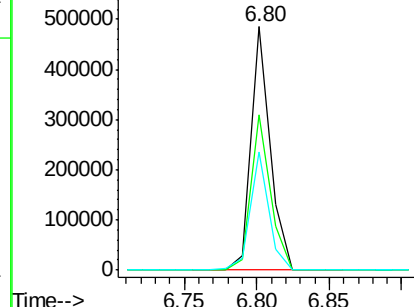
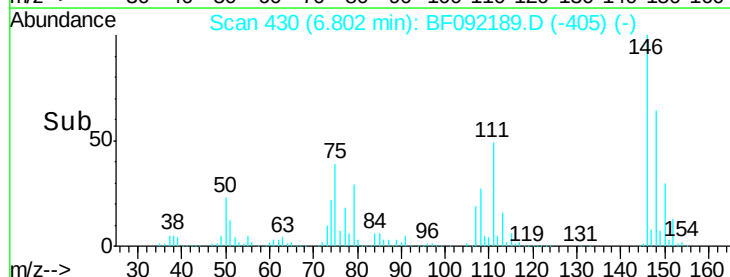
111 48.5 36.2 54.2

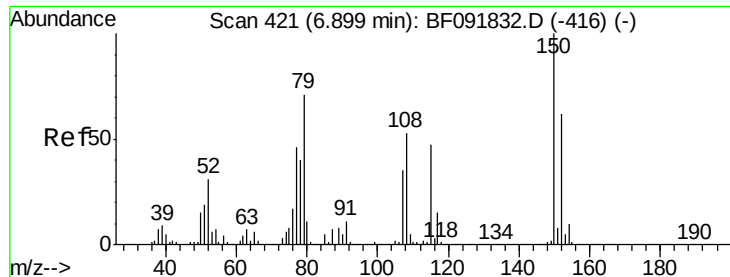


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.01 ng

RT: 6.79 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PB95858BS

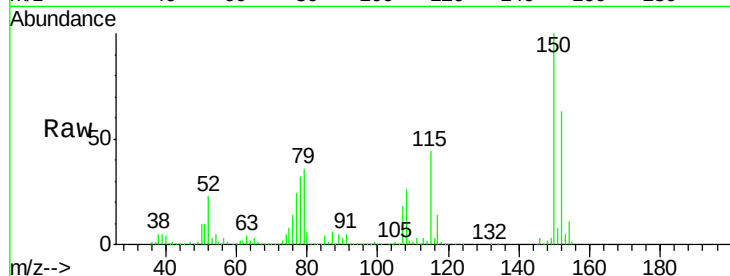
Tgt Ion: 79 Resp: 395921

Ion Ratio Lower Upper

79 100

108 71.7 61.4 92.0

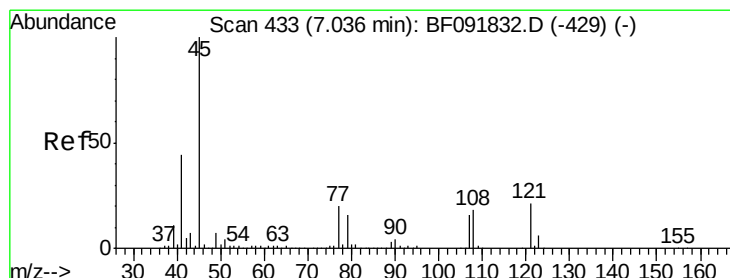
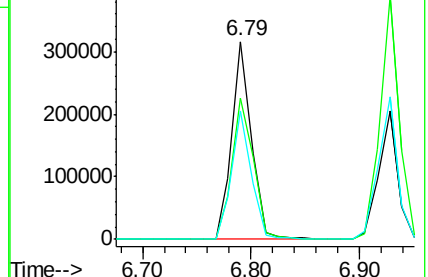
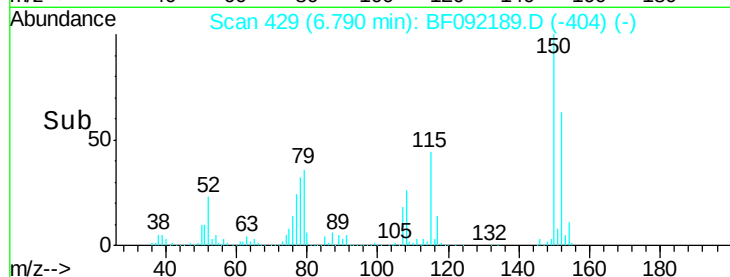
77 65.0 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.30 ng

RT: 6.93 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

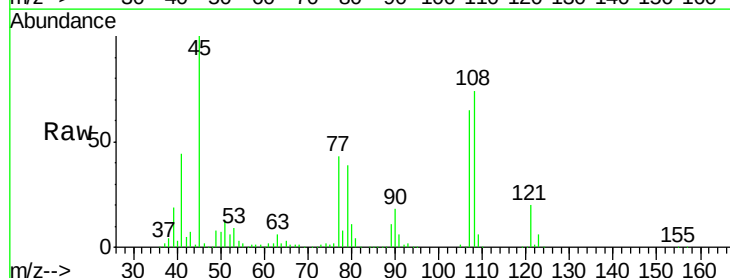
Tgt Ion: 45 Resp: 709774

Ion Ratio Lower Upper

45 100

77 43.2 0.0 34.6#

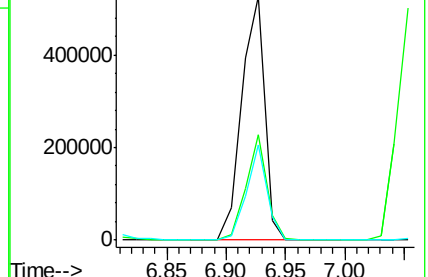
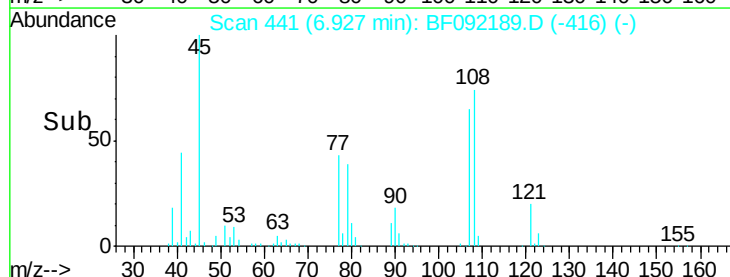
79 38.9 0.0 31.2#

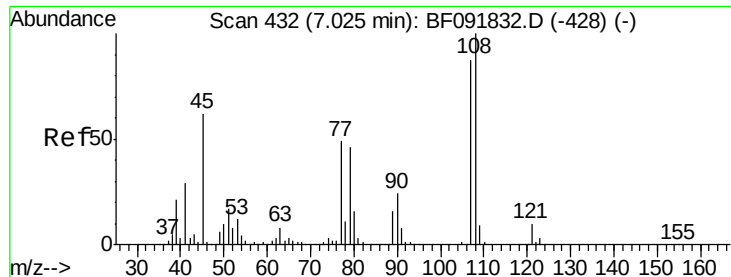


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

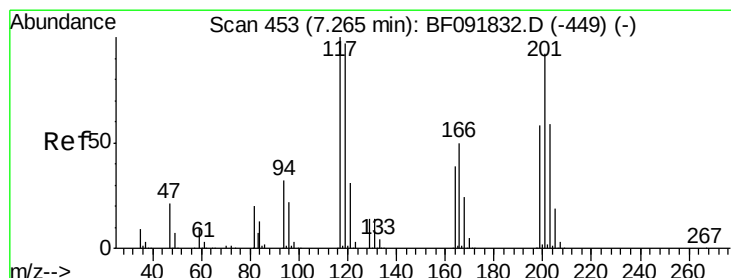
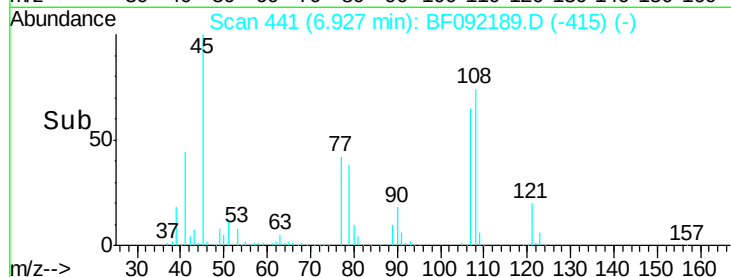
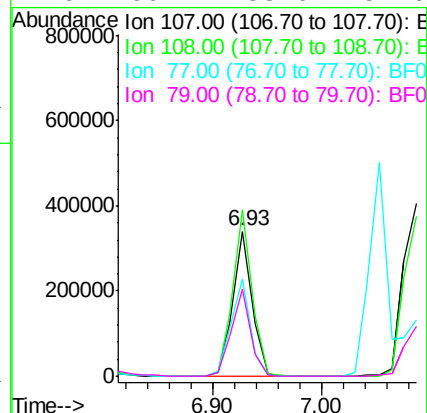
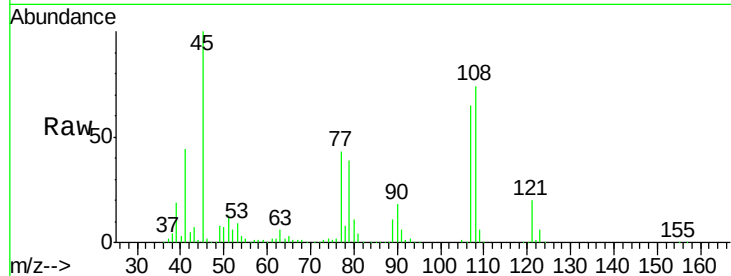




#17
2-Methylphenol
Concen: 44.42 ng
RT: 6.93 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF092189.D
Acq: 10 Jan 2017 18:32

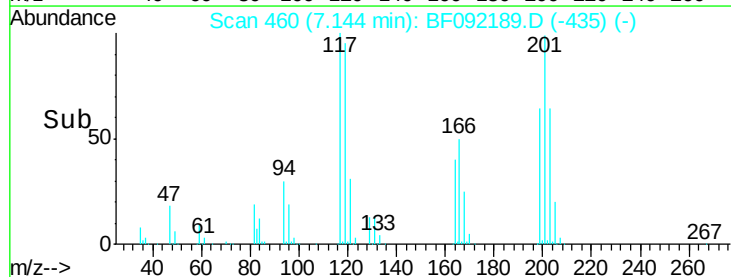
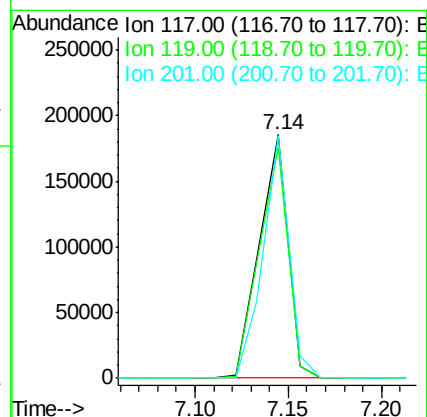
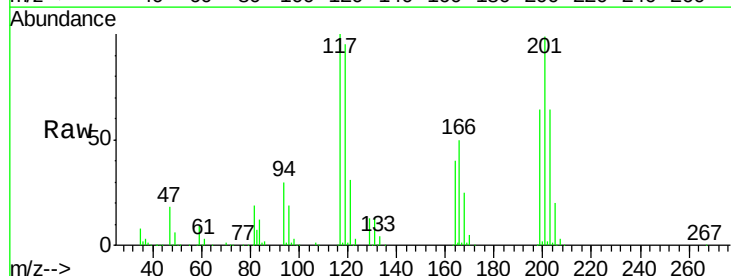
Instrument :
BNA_F
ClientSampleId :
PB95858BS

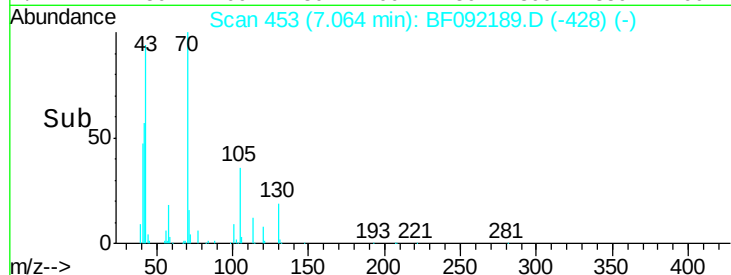
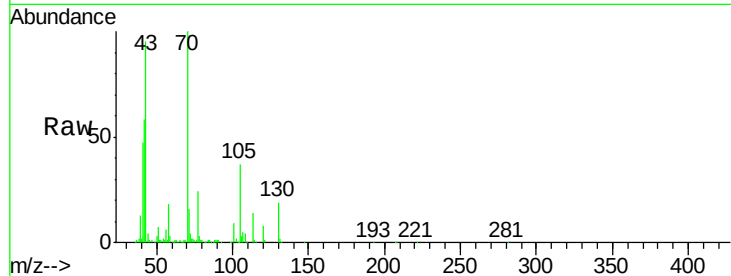
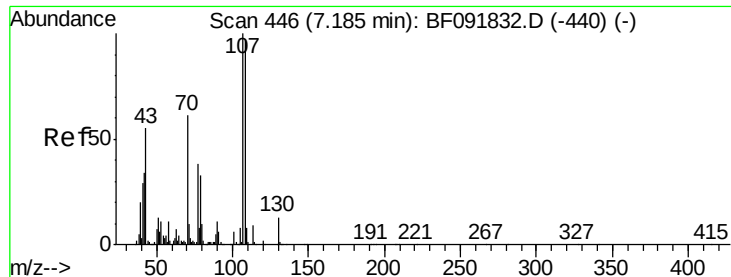
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.3	93.0	139.6
77	66.6	39.8	59.8#
79	60.1	38.0	57.0#



#18
Hexachloroethane
Concen: 42.20 ng
RT: 7.14 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF092189.D
Acq: 10 Jan 2017 18:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.1	117.1
201	99.4	78.6	117.8

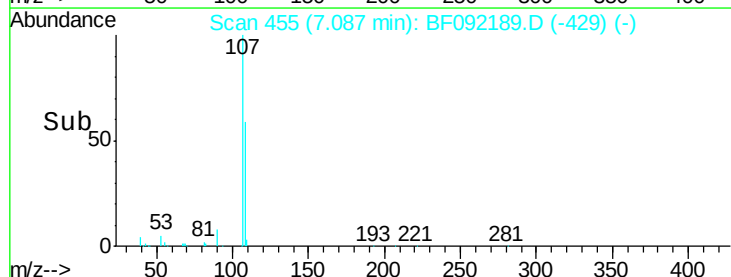
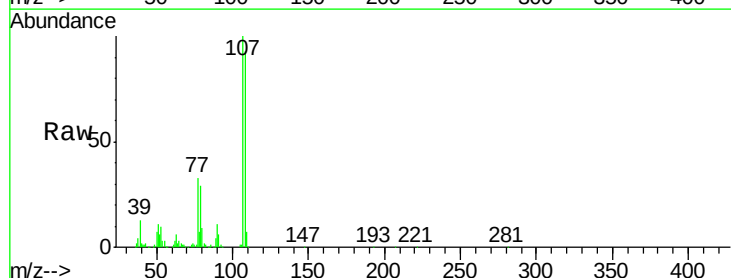
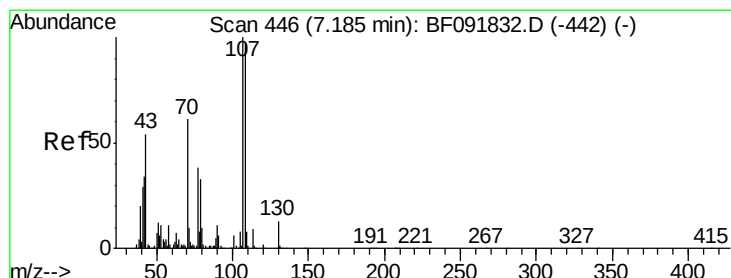
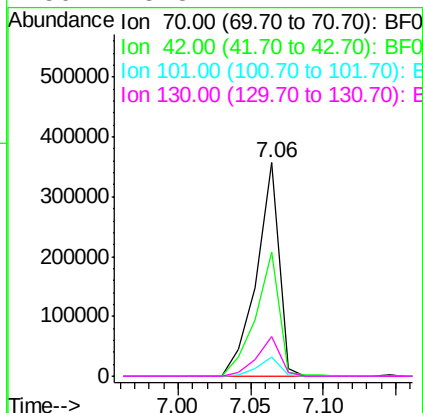




#19
n-Nitroso-di-n-propylamine
Concen: 46.87 ng
RT: 7.06 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF092189.D
Acq: 10 Jan 2017 18:32

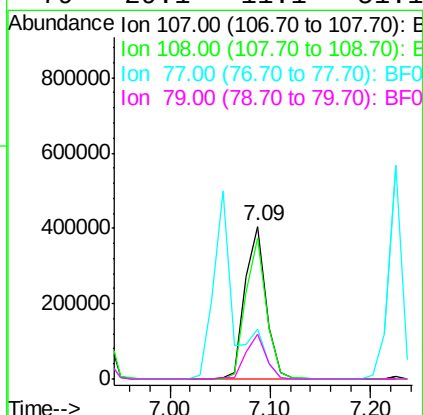
Instrument :
BNA_F
ClientSampleId :
PB95858BS

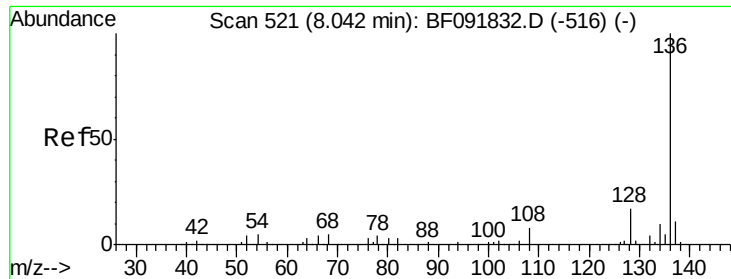
Tgt Ion:	70	Resp:	387497
Ion	Ratio	Lower	Upper
70	100		
42	58.3	49.4	74.0
101	9.1	7.4	11.2
130	18.8	14.2	21.4



#20
3+4-Methylphenols
Concen: 53.02 ng
RT: 7.09 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF092189.D
Acq: 10 Jan 2017 18:32

Tgt Ion:	107	Resp:	588817
Ion	Ratio	Lower	Upper
107	100		
108	92.6	73.0	113.0
77	32.5	71.3	111.3
79	29.1	11.1	51.1

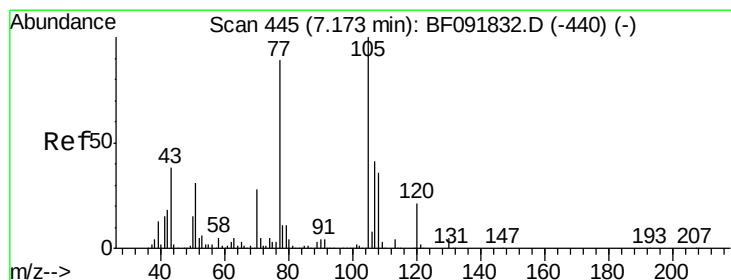
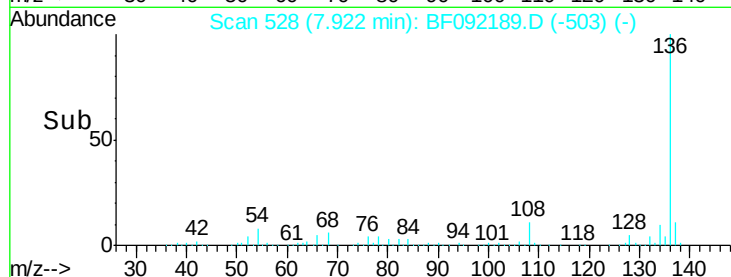
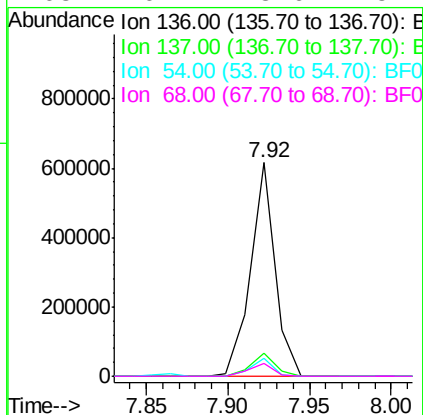
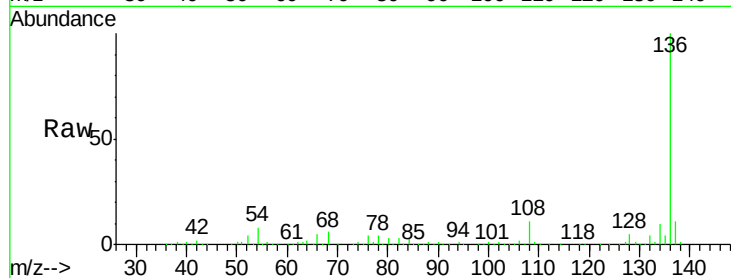




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092189.D
Acq: 10 Jan 2017 18:32

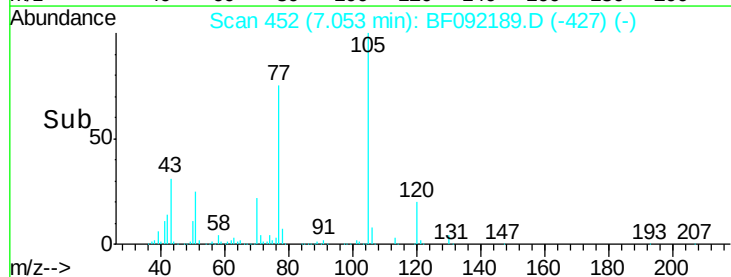
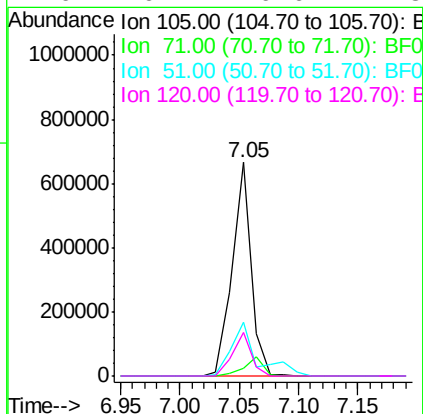
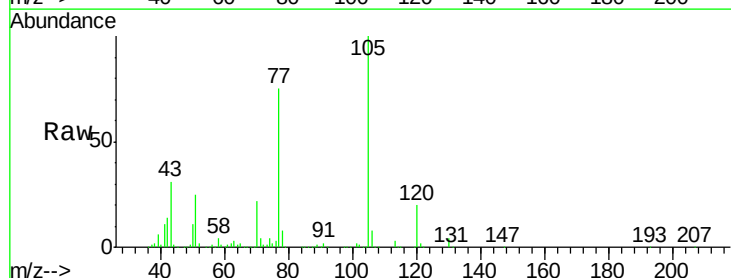
Instrument :
BNA_F
ClientSampleId :
PB95858BS

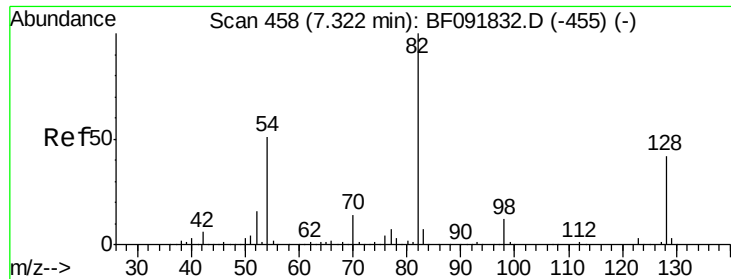
Tgt Ion:	136	Resp:	642407
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.2	4.5	6.7#
68	6.1	3.6	5.4#



#22
Acetophenone
Concen: 46.79 ng
RT: 7.05 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF092189.D
Acq: 10 Jan 2017 18:32

Tgt Ion:	105	Resp:	741328
Ion	Ratio	Lower	Upper
105	100		
71	3.7	3.2	4.8
51	25.1	26.2	39.4#
120	20.4	16.6	24.8

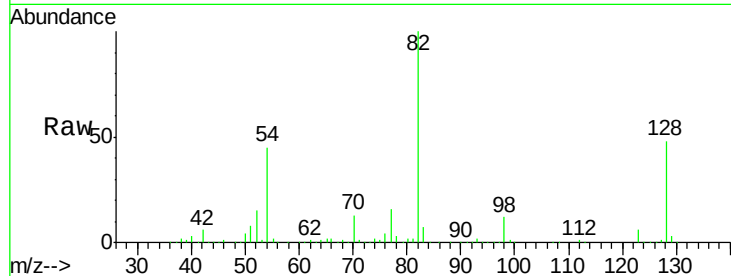




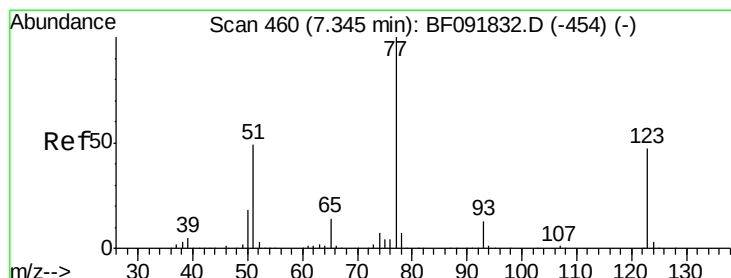
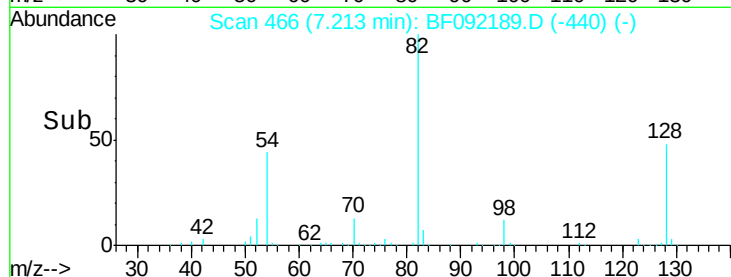
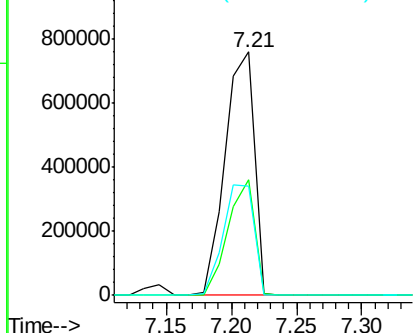
#23
 Nitrobenzene-d5
 Concen: 102.17 ng
 RT: 7.21 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF092189.D
 Acq: 10 Jan 2017 18:32

Instrument :
 BNA_F
 ClientSampleId :
 PB95858BS

Tgt Ion: 82 Resp: 1180379
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.6 52.0
 54 45.0 39.5 59.3

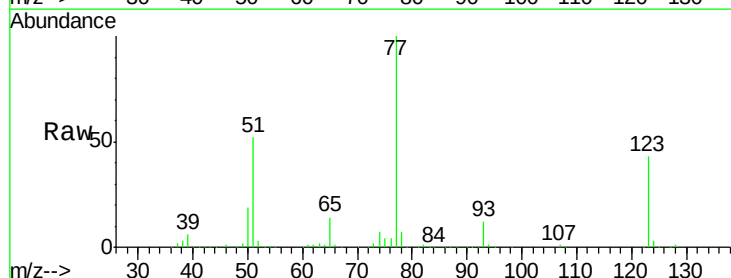


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

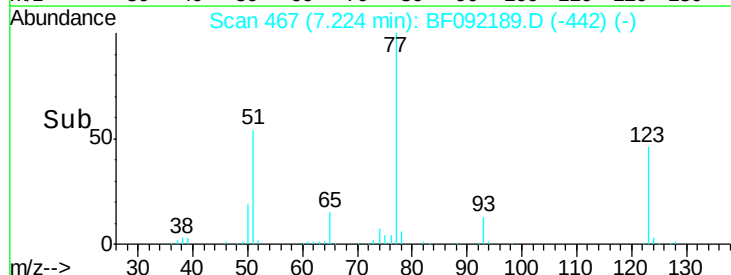
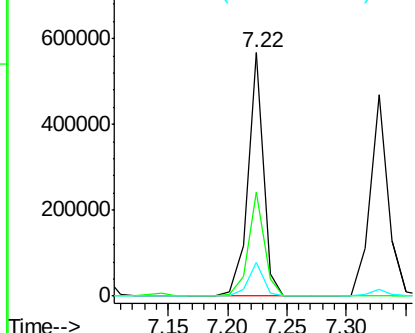


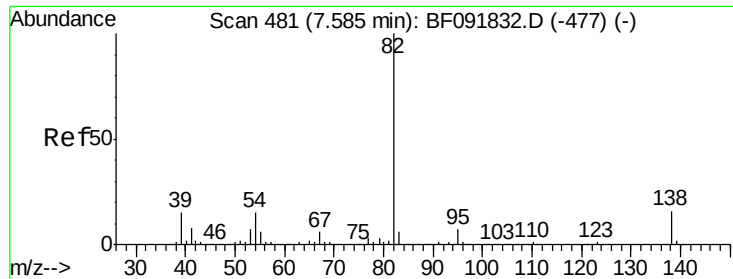
#24
 Nitrobenzene
 Concen: 42.00 ng
 RT: 7.22 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF092189.D
 Acq: 10 Jan 2017 18:32

Tgt Ion: 77 Resp: 516744
 Ion Ratio Lower Upper
 77 100
 123 42.8 33.0 49.4
 65 13.9 11.2 16.8



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

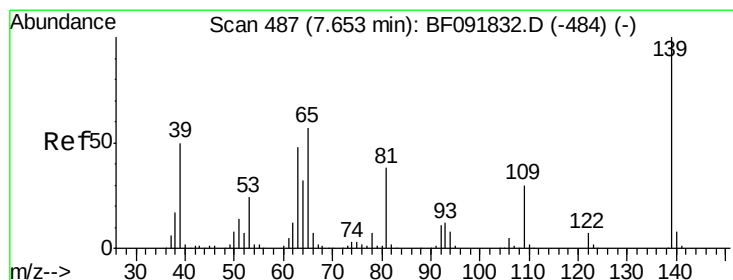
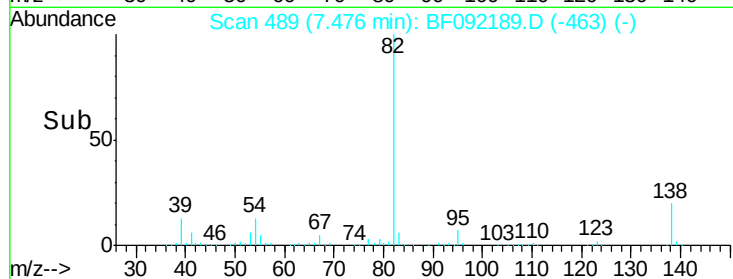
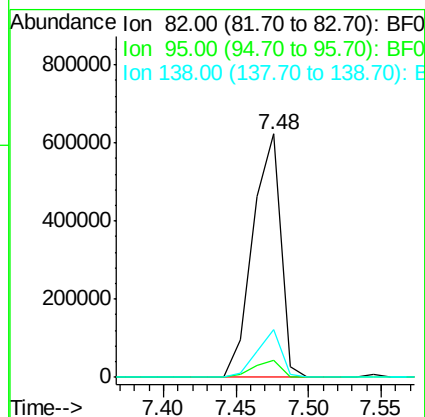
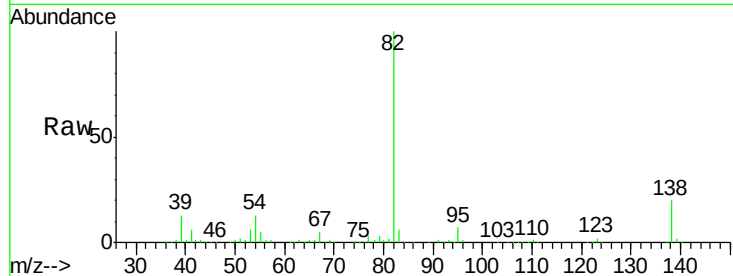




#25
Isophorone
Concen: 39.09 ng
RT: 7.48 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF092189.D
Acq: 10 Jan 2017 18:32

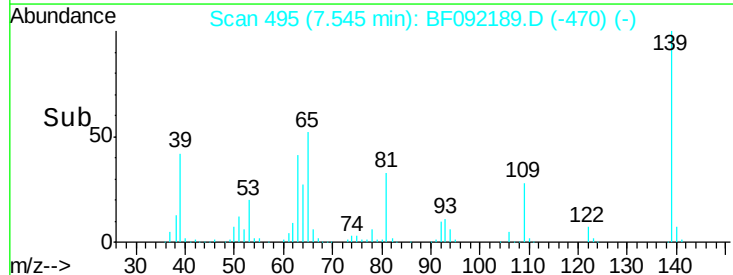
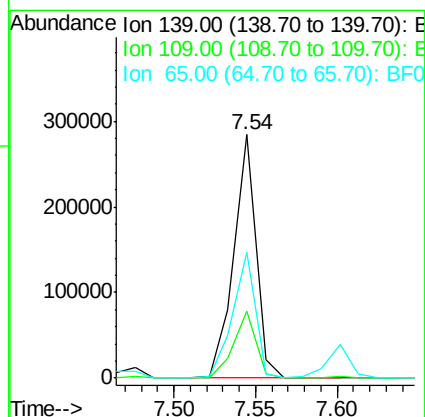
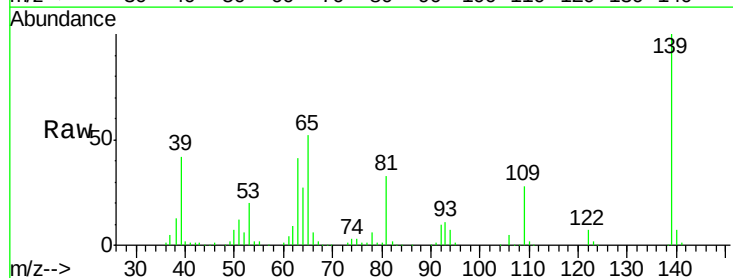
Instrument :
BNA_F
ClientSampleId :
PB95858BS

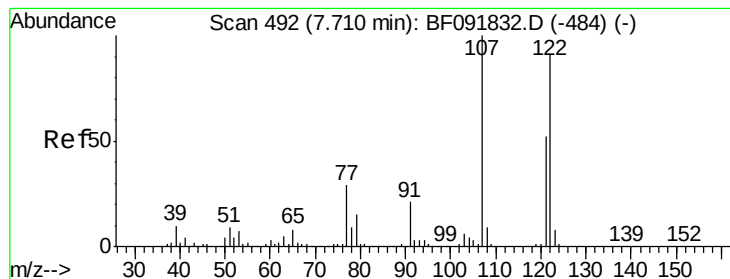
Tgt Ion: 82 Resp: 833137
Ion Ratio Lower Upper
82 100
95 6.9 5.6 8.4
138 19.5 14.6 22.0



#26
2-Nitrophenol
Concen: 43.99 ng
RT: 7.54 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF092189.D
Acq: 10 Jan 2017 18:32

Tgt Ion: 139 Resp: 266925
Ion Ratio Lower Upper
139 100
109 27.7 23.3 34.9
65 51.6 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 39.19 ng

RT: 7.60 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PB95858BS

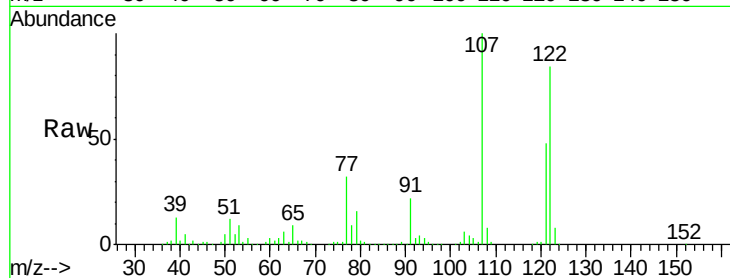
Tgt Ion:122 Resp: 394428

Ion Ratio Lower Upper

122 100

107 118.5 94.1 141.1

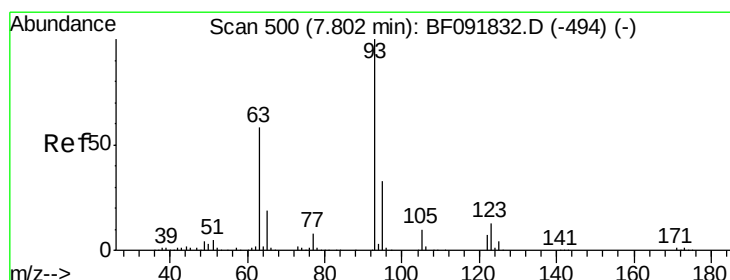
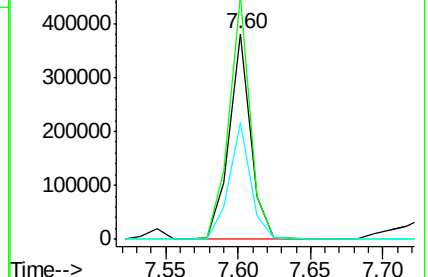
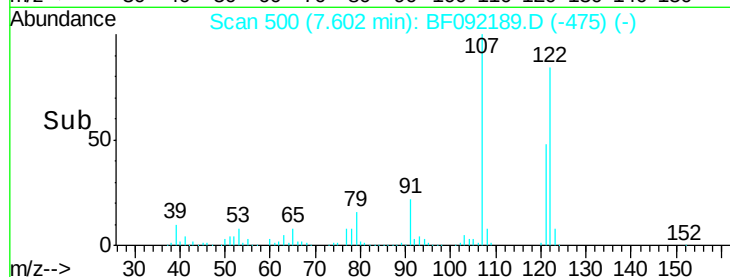
121 56.8 46.0 69.0



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: 42.85 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

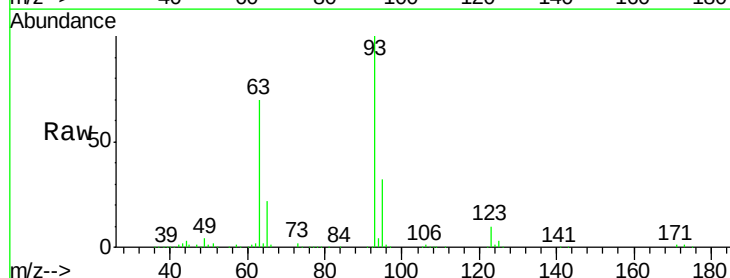
Tgt Ion: 93 Resp: 553843

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

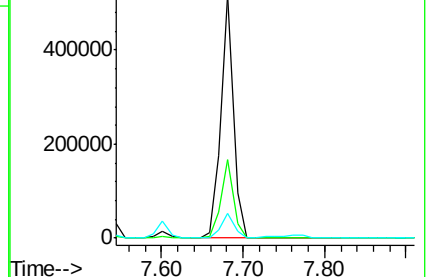
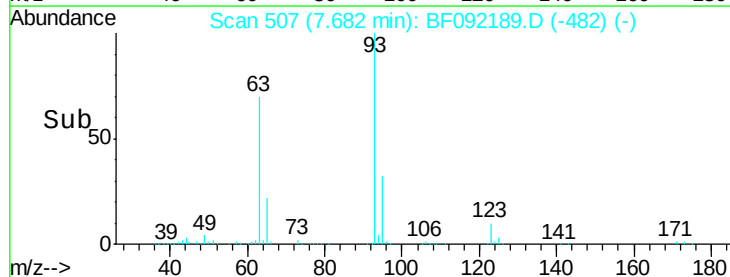
123 9.9 8.6 13.0

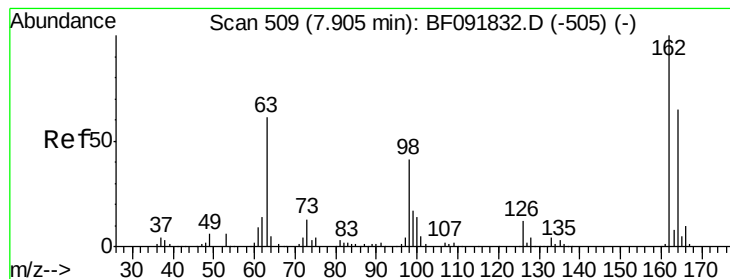


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 44.32 ng

RT: 7.81 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PB95858BS

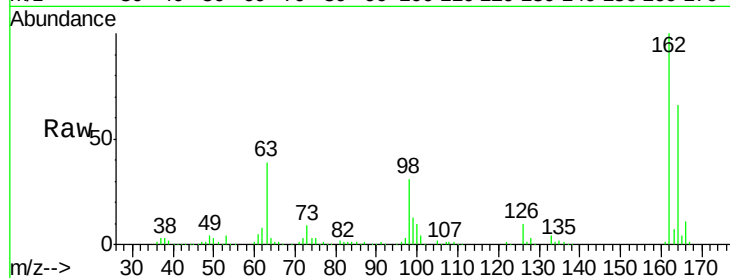
Tgt Ion:162 Resp: 377690

Ion Ratio Lower Upper

162 100

164 65.9 46.8 86.8

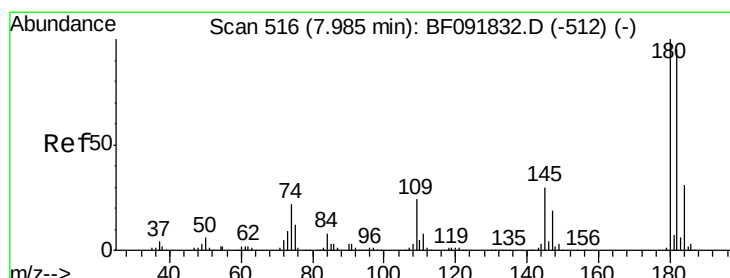
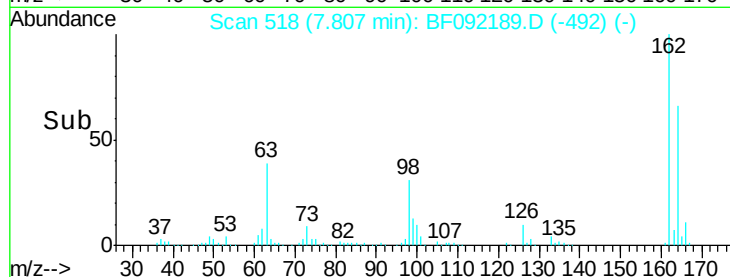
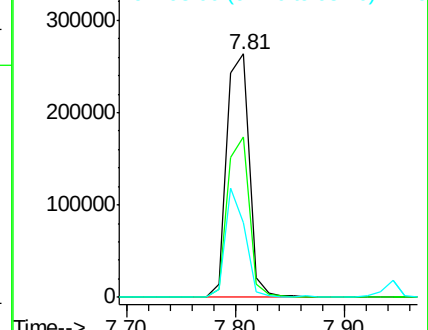
98 30.6 9.1 49.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.45 ng

RT: 7.86 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

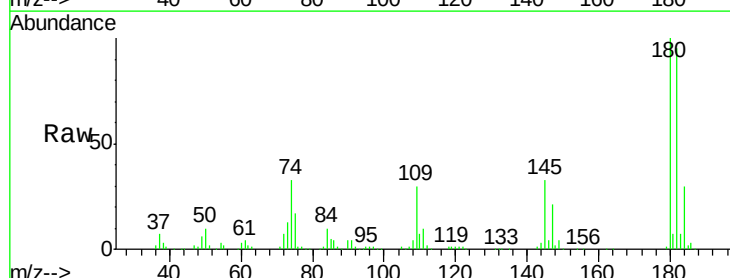
Tgt Ion:180 Resp: 387082

Ion Ratio Lower Upper

180 100

182 94.9 78.2 117.4

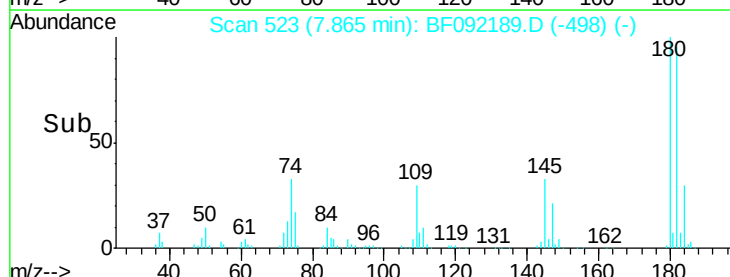
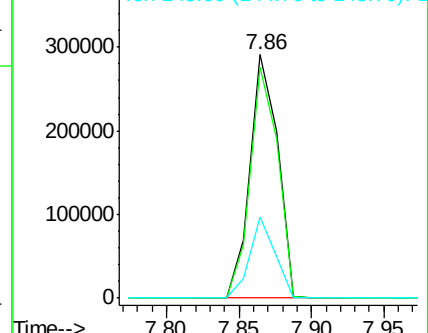
145 33.3 21.6 32.4#

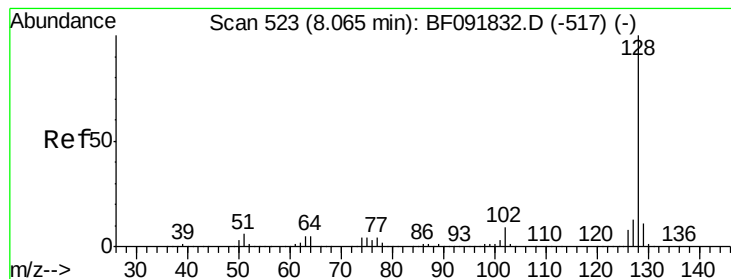


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.04 ng

RT: 7.94 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PB95858BS

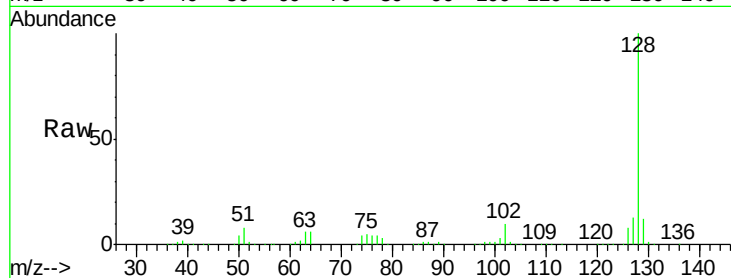
Tgt Ion:128 Resp: 1265420

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

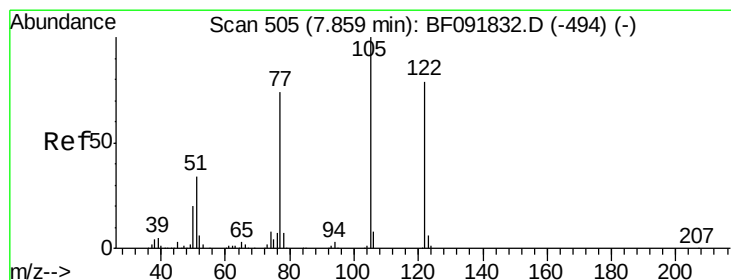
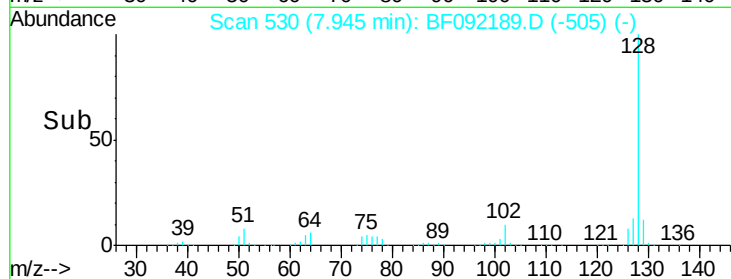
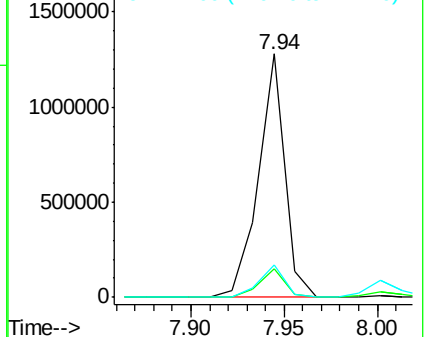
127 13.3 10.8 16.2



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: 34.12 ng

RT: 7.77 min Scan# 515

Delta R.T. 0.02 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

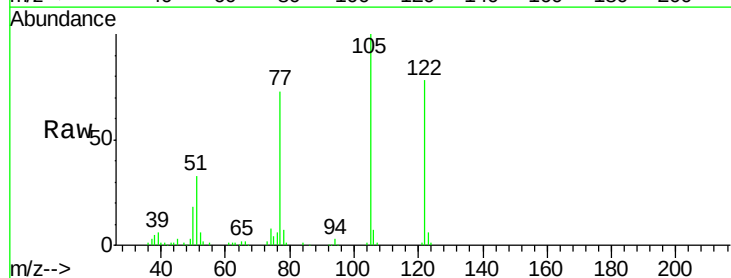
Tgt Ion:122 Resp: 254698

Ion Ratio Lower Upper

122 100

105 127.6 107.2 147.2

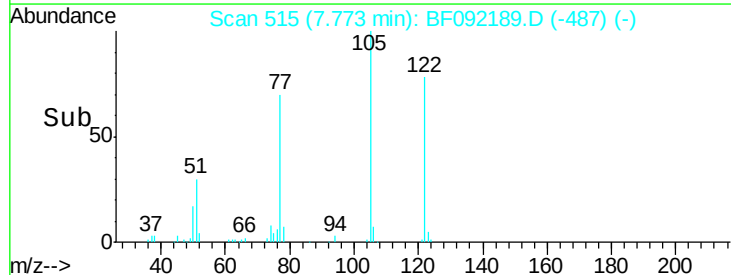
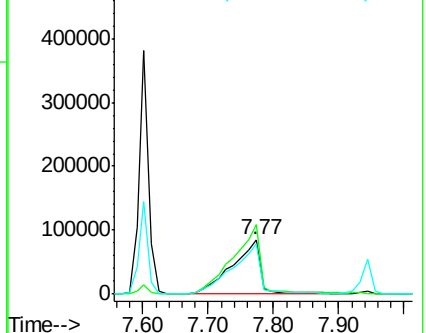
77 93.5 74.5 114.5

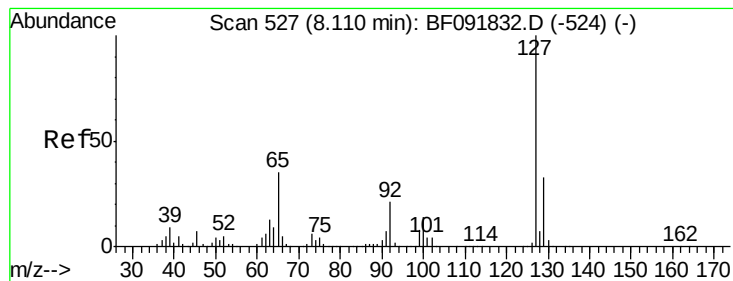


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.30 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

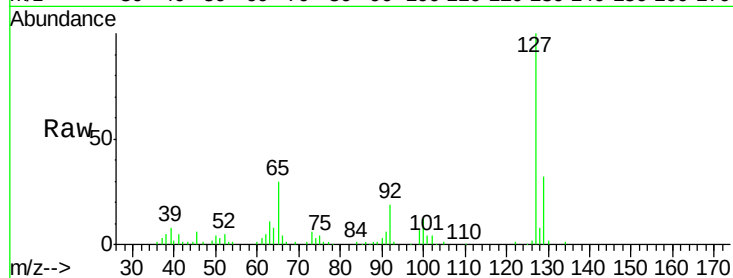
Instrument :

BNA_F

ClientSampleId :

PB95858BS

Tgt Ion:	127	Resp:	123273
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	30.0	25.8	38.8
92	19.1	16.1	24.1

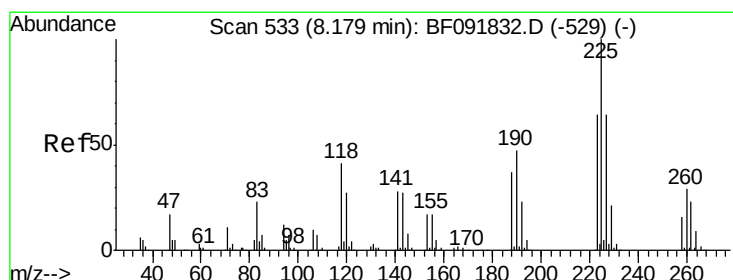
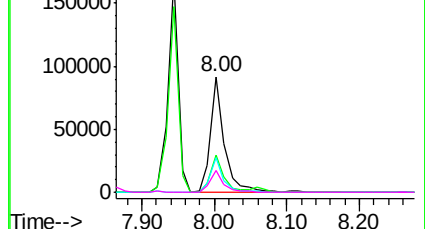
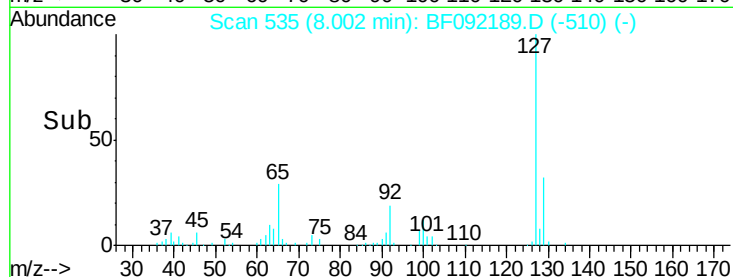


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 43.48 ng

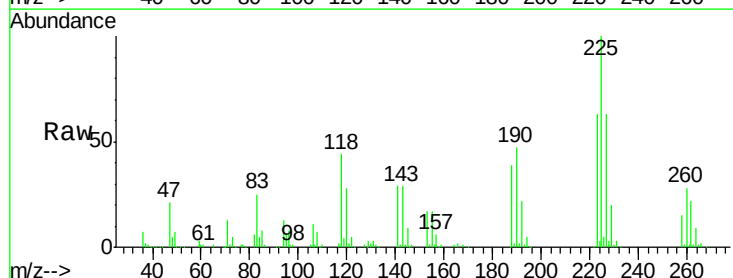
RT: 8.06 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

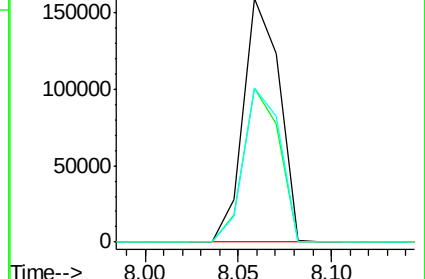
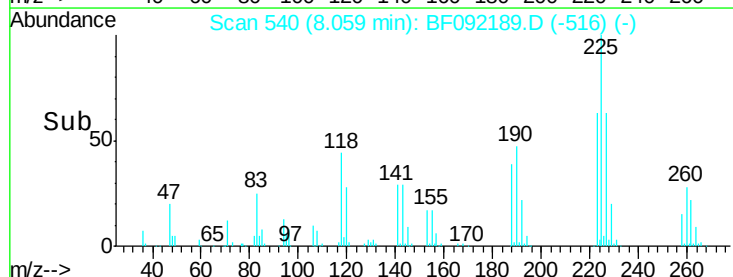
Tgt Ion:	225	Resp:	214322
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.0	76.6
227	63.1	50.6	76.0

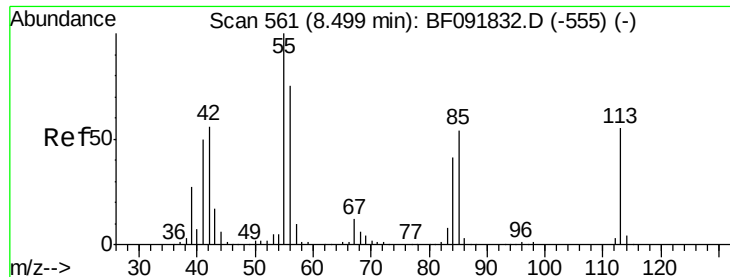


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

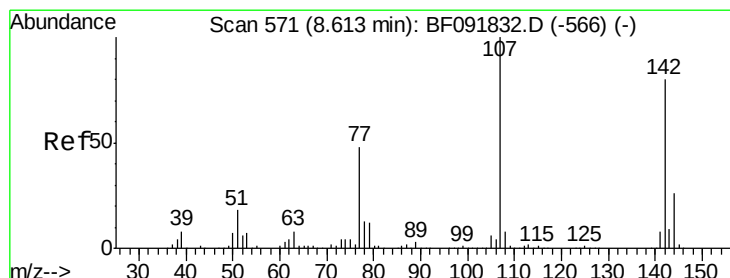
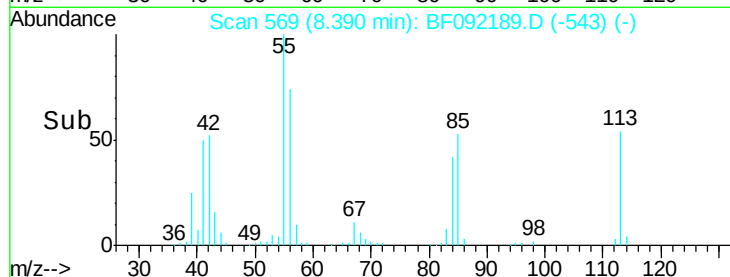
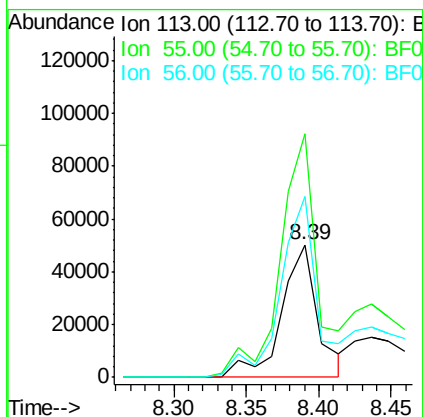
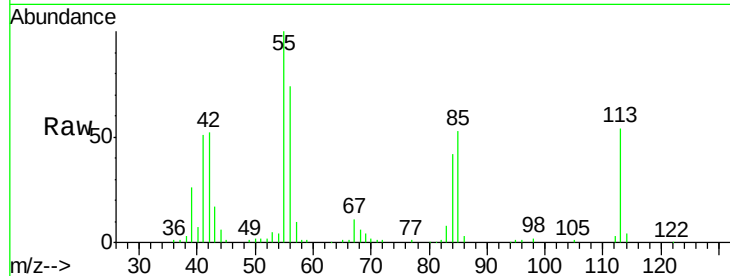




#35
 Caprolactam
 Concen: 31.05 ng
 RT: 8.39 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF092189.D
 Acq: 10 Jan 2017 18:32

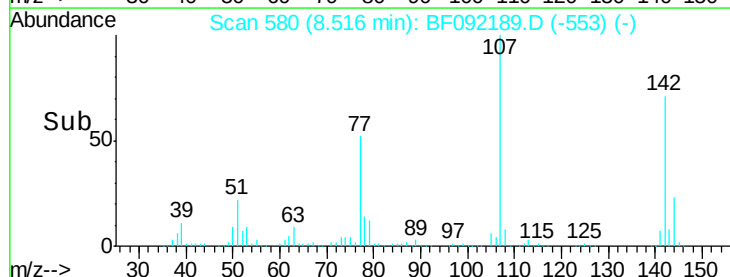
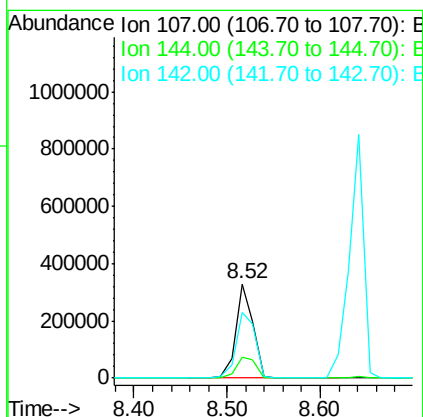
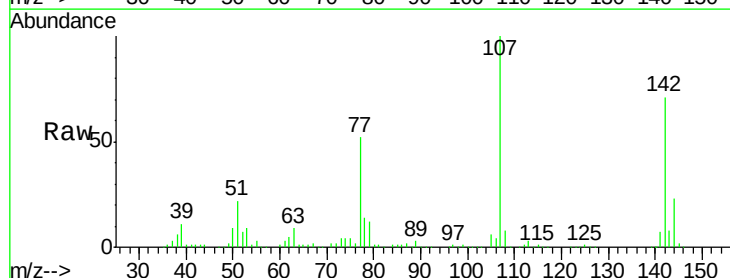
Instrument :
 BNA_F
 ClientSampleId :
 PB95858BS

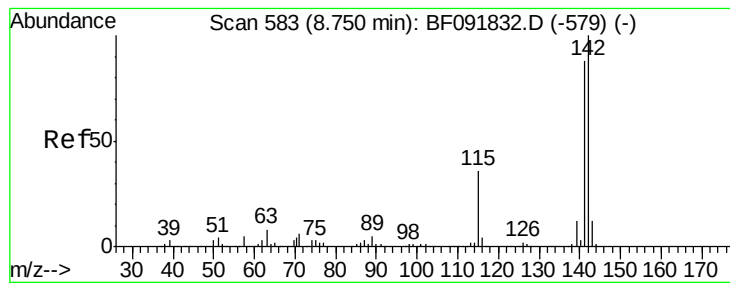
Tgt Ion:113 Resp: 86970
 Ion Ratio Lower Upper
 113 100
 55 183.5 119.2 159.2#
 56 136.5 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 42.50 ng
 RT: 8.52 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF092189.D
 Acq: 10 Jan 2017 18:32

Tgt Ion:107 Resp: 416810
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.3 28.9
 142 70.6 59.0 88.6





#37

2-Methylnaphthalene

Concen: 56.65 ng

RT: 8.64 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

Instrument :

BNA_F

ClientSampleId :

PB95858BS

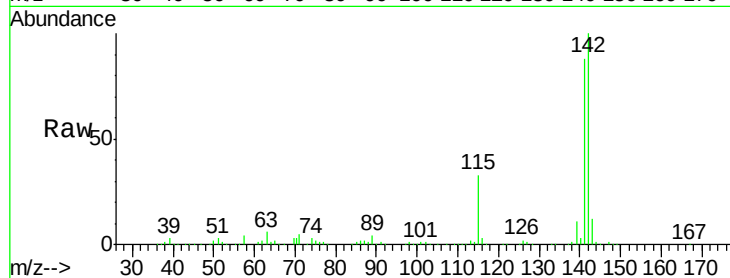
Tgt Ion:142 Resp: 915625

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.6

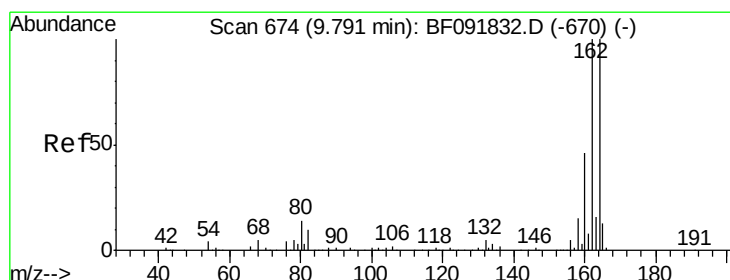
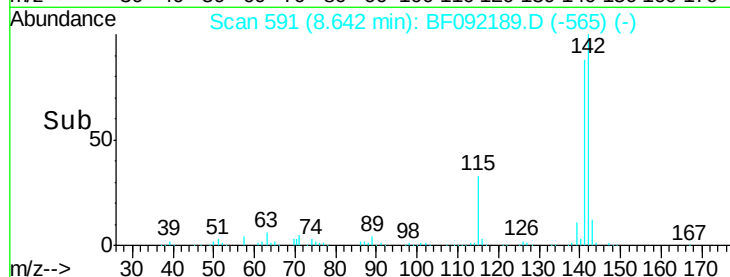
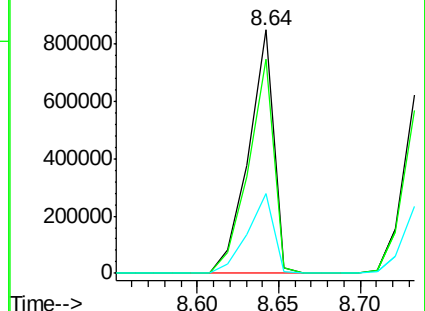
115 32.9 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF092189.D

Acq: 10 Jan 2017 18:32

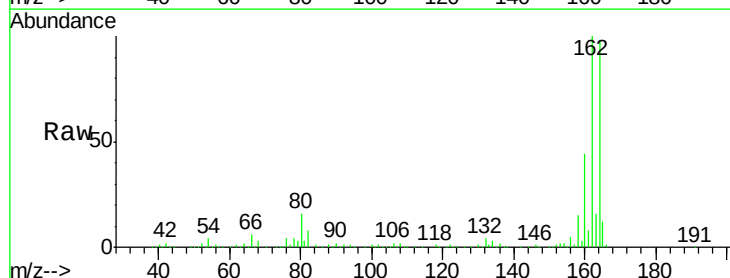
Tgt Ion:164 Resp: 366221

Ion Ratio Lower Upper

164 100

162 102.3 80.2 120.2

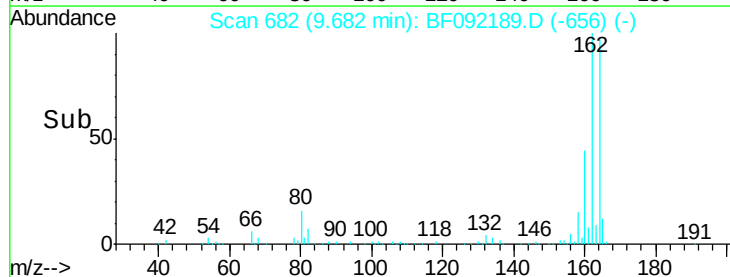
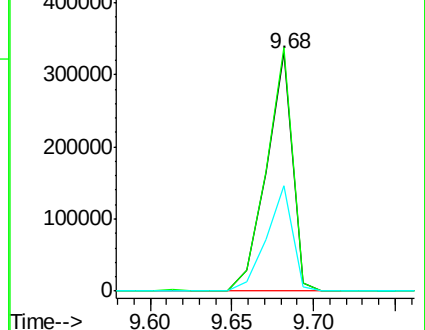
160 44.5 36.9 55.3

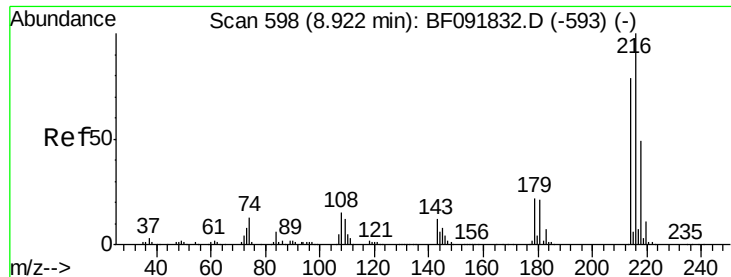


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

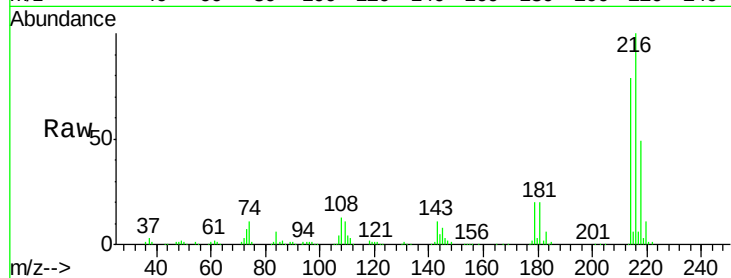




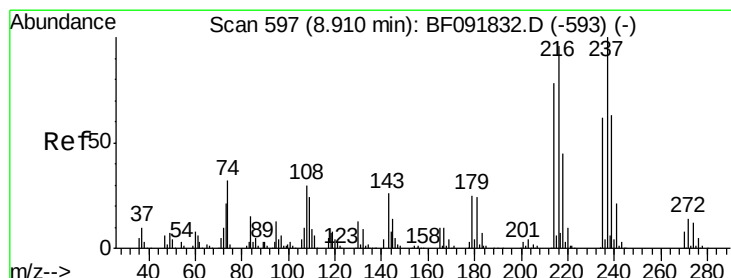
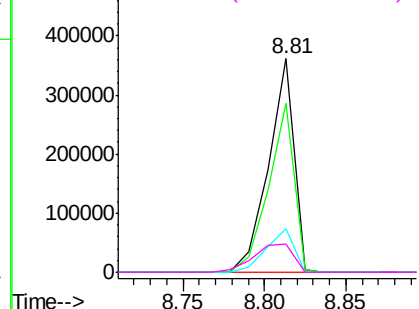
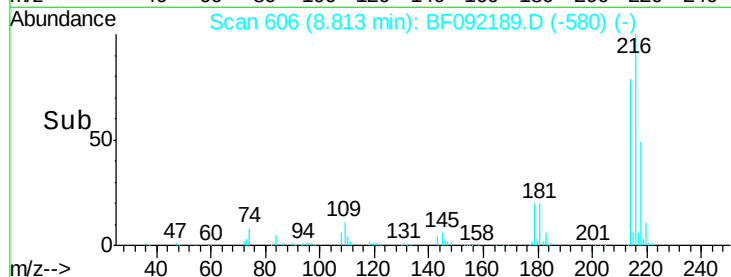
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.44 ng
 RT: 8.81 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF092189.D
 Acq: 10 Jan 2017 18:32

Instrument :
 BNA_F
 ClientSampleId :
 PB95858BS

Tgt Ion:	216	Resp:	392656
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.0
179	22.1	17.4	26.2
108	20.8	15.6	23.4

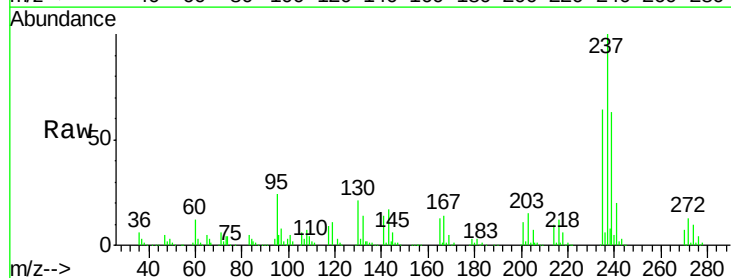


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 66.77 ng
 RT: 8.79 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF092189.D
 Acq: 10 Jan 2017 18:32

Tgt Ion:	237	Resp:	272273
Ion	Ratio	Lower	Upper
237	100		
235	63.5	41.2	81.2
272	12.5	0.0	35.4



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

