

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
 Data File : BF091817.D
 Acq On : 20 Dec 2016 13:54
 Operator : UM/SJ
 Sample : PB95481BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95481BS

Quant Time: Dec 21 00:23:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	229174	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	910097	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	492356	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	783632	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	610741	20.00	ng	-0.01
86) Perylene-d12	15.31	264	515767	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1485147	108.57	ng	0.01
7) Phenol-d6	6.42	99	1969987	118.09	ng	0.00
23) Nitrobenzene-d5	7.33	82	1381295	87.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	448824	107.50	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2164001	88.30	ng	-0.01
78) Terphenyl-d14	12.86	244	1843985	76.23	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	235187	34.91	ng	# 95
3) Pyridine	3.08	79	816005	37.60	ng	98
4) n-Nitrosodimethylamine	3.04	42	349106	41.57	ng	98
6) Aniline	6.43	93	183526	8.55	ng	# 1
8) 2-Chlorophenol	6.56	128	617658	41.02	ng	85
9) Benzaldehyde	6.30	77	88842	6.62	ng	95
10) Phenol	6.43	94	737351	39.21	ng	80
11) bis(2-Chloroethyl)ether	6.50	93	565795	37.67	ng	97
12) 1,3-Dichlorobenzene	6.70	146	647049	39.13	ng	98
13) 1,4-Dichlorobenzene	6.77	146	628578	37.57	ng	100
14) 1,2-Dichlorobenzene	6.93	146	630265	43.00	ng	97
15) Benzyl Alcohol	6.91	79	463572	35.89	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	823196	35.87	ng	89
17) 2-Methylphenol	7.04	107	506434	40.25	ng	95
18) Hexachloroethane	7.28	117	246097	39.59	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	443394	39.96	ng	96
20) 3+4-Methylphenols	7.20	107	664423	47.34	ng	# 72
22) Acetophenone	7.17	105	858285	39.06	ng	96
24) Nitrobenzene	7.34	77	616269	36.36	ng	98
25) Isophorone	7.60	82	1253869	41.64	ng	98
26) 2-Nitrophenol	7.66	139	336935	41.21	ng	100
27) 2,4-Dimethylphenol	7.71	122	576994	43.26	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	732975	41.60	ng	99
29) 2,4-Dichlorophenol	7.92	162	535381	43.53	ng	95
30) 1,2,4-Trichlorobenzene	7.98	180	535638	40.18	ng	# 95
31) Naphthalene	8.06	128	1644638	37.83	ng	100
32) Benzoic acid	7.86	122	377592	39.73	ng	96
33) 4-Chloroaniline	8.12	127	100829	5.51	ng	95
34) Hexachlorobutadiene	8.19	225	298951	39.89	ng	99
35) Caprolactam	8.50	113	165796m	41.89	ng	
36) 4-Chloro-3-methylphenol	8.62	107	560096	41.28	ng	98
37) 2-Methylnaphthalene	8.76	142	1158151	42.25	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	493915	40.25	ng	98
40) Hexachlorocyclopentadiene	8.91	237	433284	83.30	ng	96

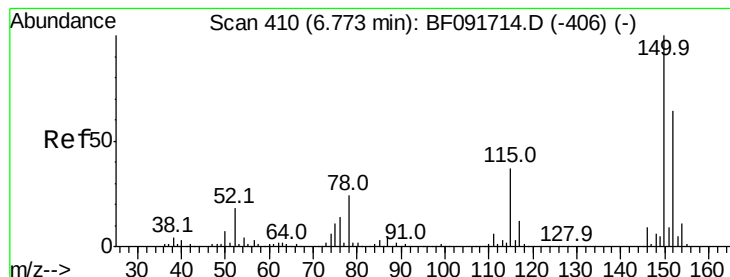
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	355373	40.53	nq	97
43) 2,4,5-Trichlorophenol	9.09	196	341300	39.62	nq	95
45) 1,1'-Biphenyl	9.23	154	1423234	40.33	nq	98
46) 2-Chloronaphthalene	9.25	162	1077227	40.85	nq	97
47) 2-Nitroaniline	9.34	65	328050	36.43	nq	96
48) Acenaphthylene	9.66	152	1686677	41.28	nq	99
49) Dimethylphthalate	9.54	163	1274693	39.63	nq	100
50) 2,6-Dinitrotoluene	9.60	165	301317	42.73	nq	98
51) Acenaphthene	9.84	154	1065920	38.01	nq	99
52) 3-Nitroaniline	9.76	138	63675	7.25	nq	95
53) 2,4-Dinitrophenol	9.87	184	180649	47.42	nq	# 78
54) Dibenzofuran	10.01	168	1497667	44.91	nq	98
55) 4-Nitrophenol	9.95	139	438367	71.90	nq	# 78
56) 2,4-Dinitrotoluene	10.00	165	359874	40.86	nq	92
57) Fluorene	10.35	166	1151008	44.44	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	295744	41.52	nq	96
59) Diethylphthalate	10.24	149	1222249	38.66	nq	94
60) 4-Chlorophenyl-phenylether	10.34	204	467456	39.62	nq	100
61) 4-Nitroaniline	10.37	138	250635	30.13	nq	99
62) Azobenzene	10.50	77	1378630	40.98	nq	99
64) 4,6-Dinitro-2-methylphenol	10.41	198	160769	31.11	nq	92
65) n-Nitrosodiphenylamine	10.46	169	1039487	42.72	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	336627	40.97	nq	95
67) Hexachlorobenzene	10.90	284	354181	41.13	nq	94
68) Atrazine	11.00	200	336921	45.82	nq	92
69) Pentachlorophenol	11.09	266	304029	65.43	nq	99
70) Phenanthrene	11.31	178	1751375	44.73	nq	98
71) Anthracene	11.36	178	1597012	38.51	nq	99
72) Carbazole	11.52	167	1505701	41.52	nq	100
73) Di-n-butylphthalate	11.85	149	1763587	37.93	nq	100
74) Fluoranthene	12.49	202	1607648	39.31	nq	99
76) Benzidine	12.61	184	273674	15.57	nq	97
77) Pyrene	12.72	202	1640544	37.20	nq	100
79) Butylbenzylphthalate	13.35	149	838890	40.64	nq	93
80) Benzo(a)anthracene	13.91	228	1407203	40.28	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	209589	14.99	nq	# 95
82) Chrysene	13.94	228	1140528	31.50	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	978234	37.36	nq	99
84) Di-n-octyl phthalate	14.51	149	1797335	37.25	nq	99
85) Indeno(1,2,3-cd)pyrene	16.66	276	1230847	34.57	nq	99
87) Benzo(b)fluoranthene	14.92	252	1299083	39.72	nq	98
88) Benzo(k)fluoranthene	14.95	252	1208139m	52.65	nq	
89) Benzo(a)pyrene	15.27	252	1203580	42.88	nq	# 94
90) Dibenzo(a,h)anthracene	16.68	278	1009669	41.27	nq	# 95
91) Benzo(g,h,i)perylene	17.07	276	1043774	41.97	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

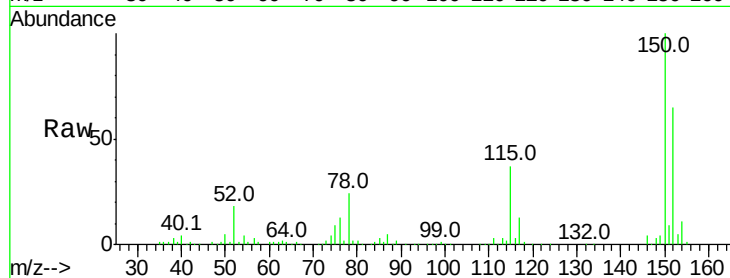
Tot Ion:152 Resp: 229174

Ion Ratio Lower Upper

152 100

150 152.9 124.9 187.3

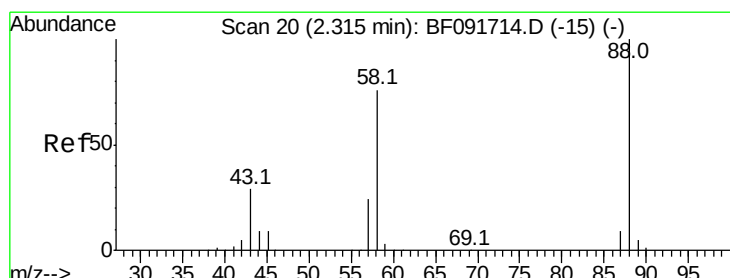
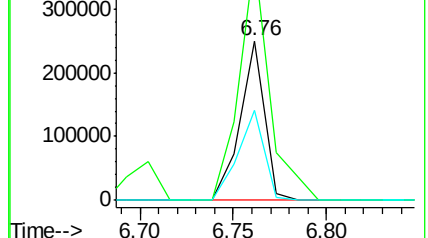
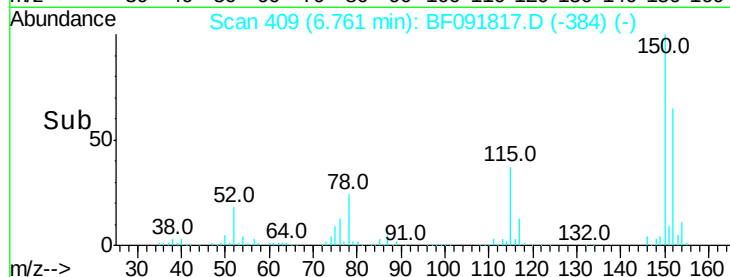
115 56.9 46.0 69.0



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: 34.91 ng

RT: 2.40 min Scan# 27

Delta R.T. 0.08 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

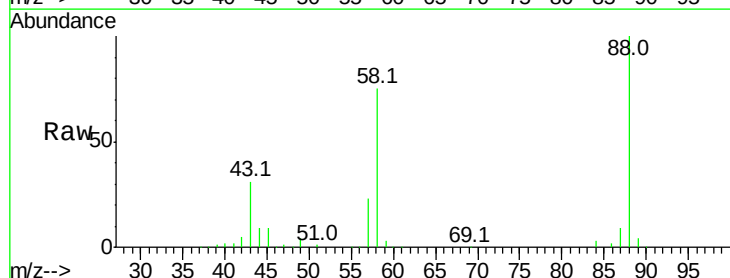
Tgt Ion: 88 Resp: 235187

Ion Ratio Lower Upper

88 100

58 73.9 57.8 86.8

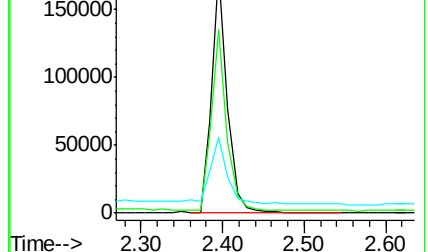
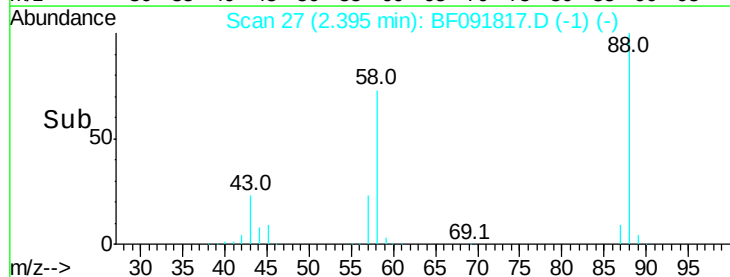
43 34.4 22.3 33.5#

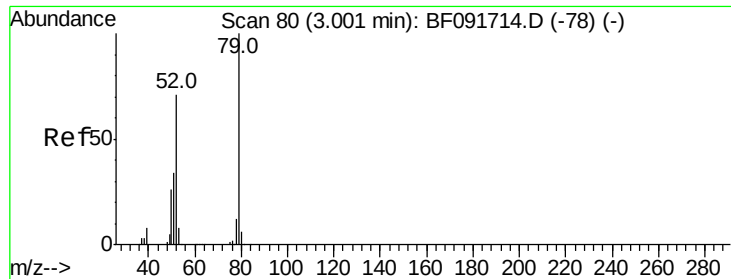


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.60 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.08 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

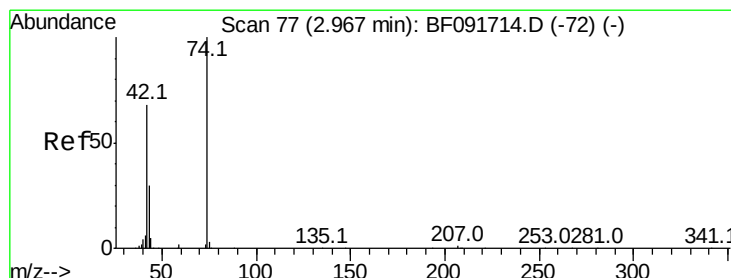
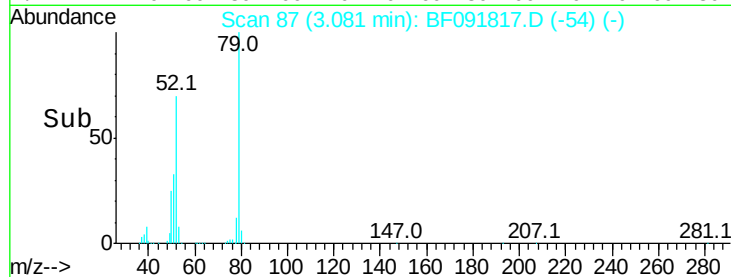
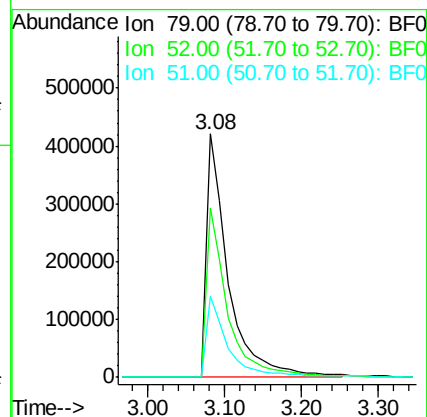
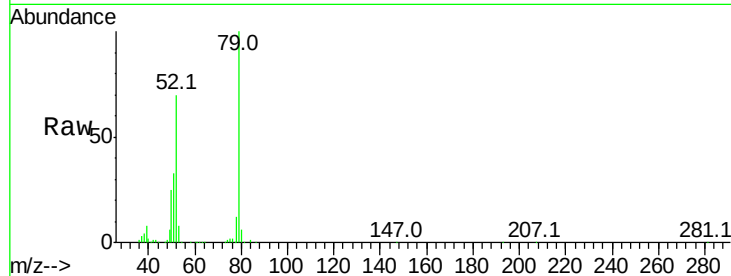
Tot Ion: 79 Resp: 816005

Ion Ratio Lower Upper

79 100

52 69.5 57.1 85.7

51 33.4 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 41.57 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.07 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

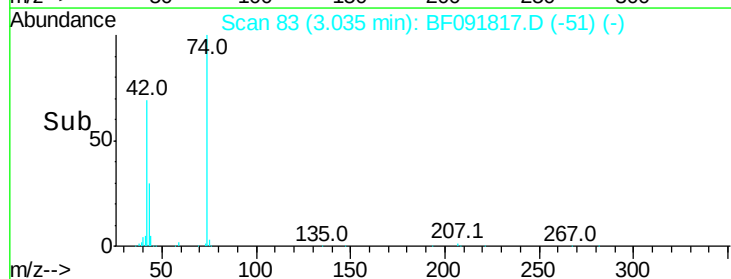
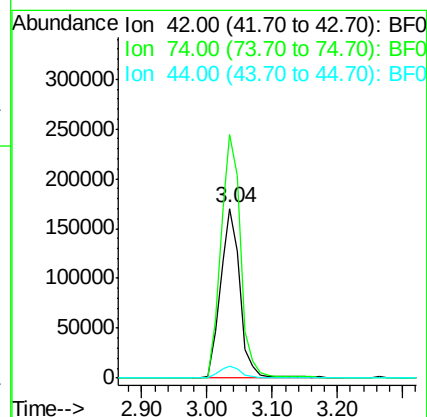
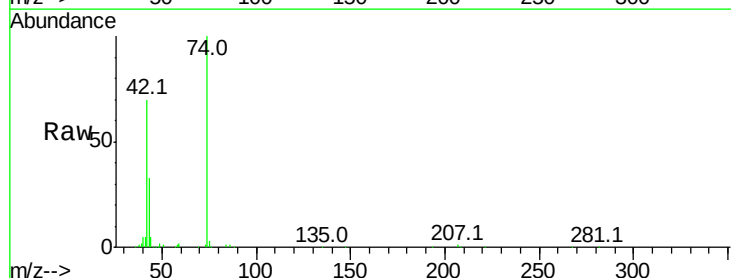
Tgt Ion: 42 Resp: 349106

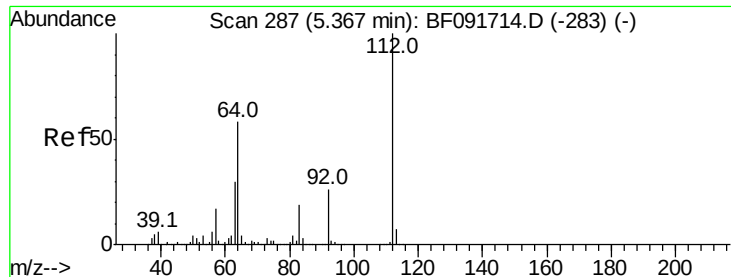
Ion Ratio Lower Upper

42 100

74 143.8 117.0 175.4

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 108.57 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

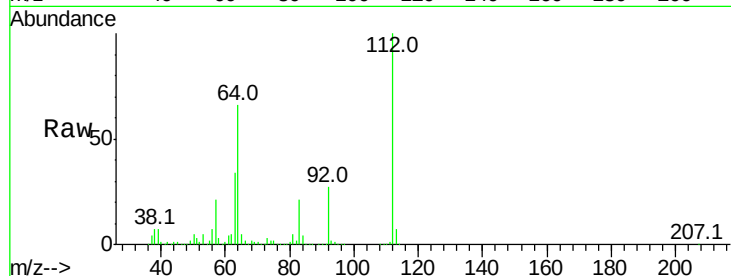
Tot Ion:112 Resp: 1485147

Ion Ratio Lower Upper

112 100

64 66.0 46.1 69.1

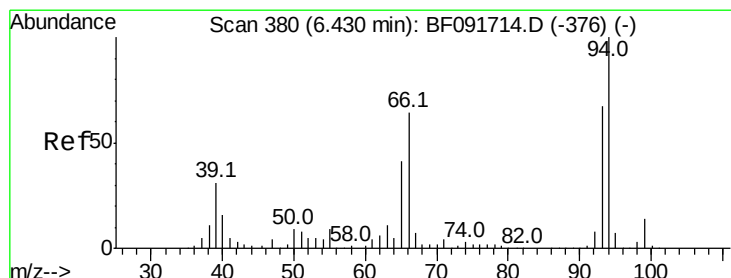
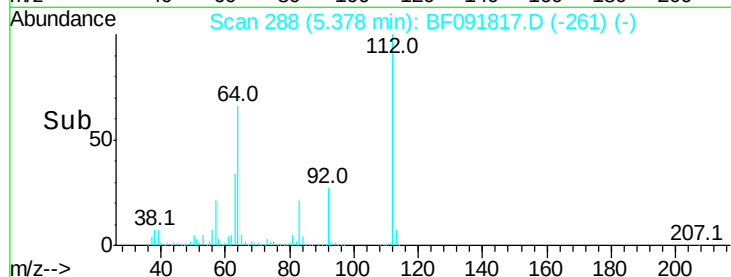
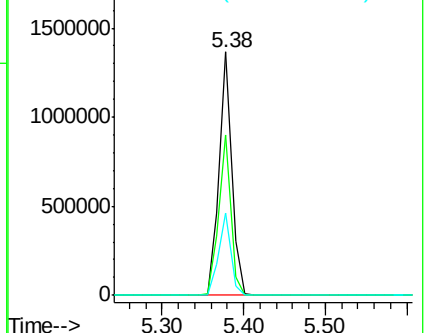
63 33.8 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.55 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

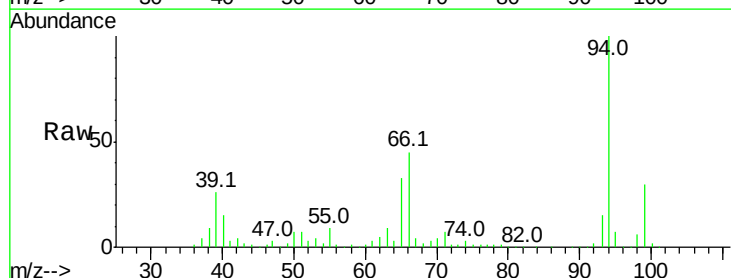
Tgt Ion: 93 Resp: 183526

Ion Ratio Lower Upper

93 100

66 300.3 76.2 114.2#

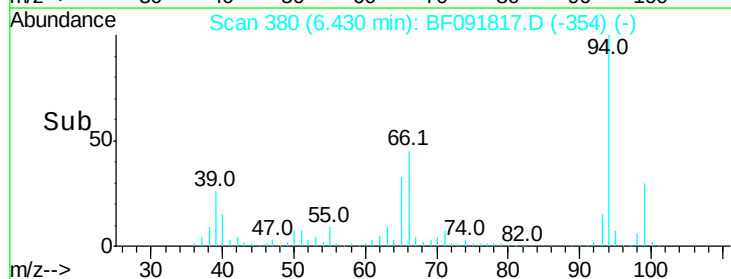
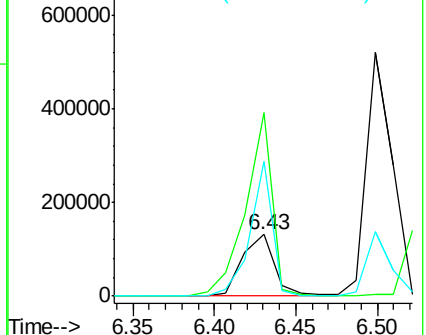
65 219.2 49.3 73.9#

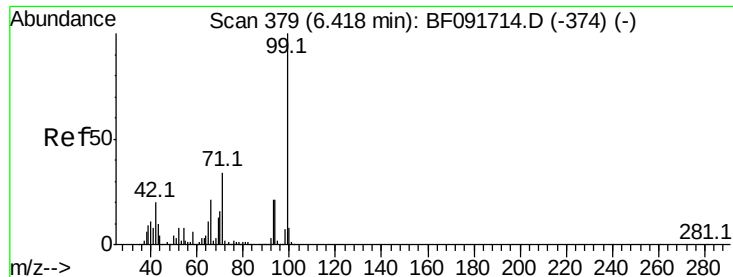


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.09 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

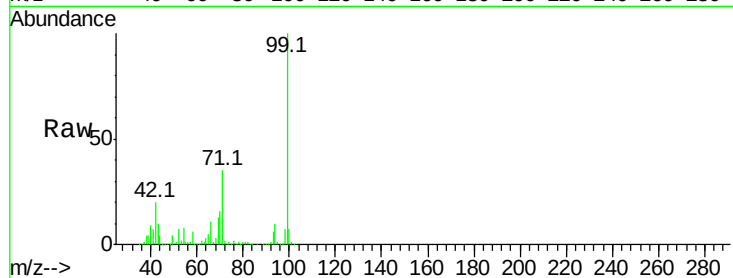
Tot Ion: 99 Resp: 1969987

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

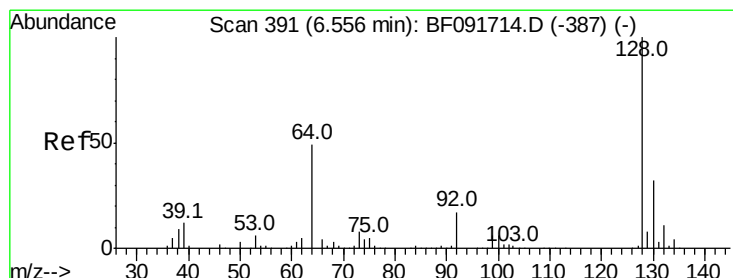
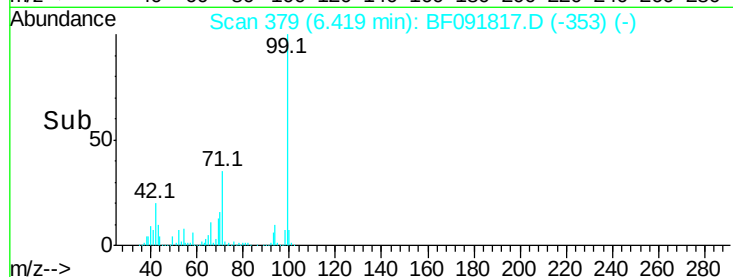
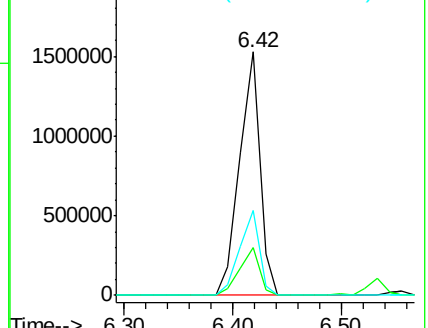
71 34.9 27.5 41.3



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: 41.02 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

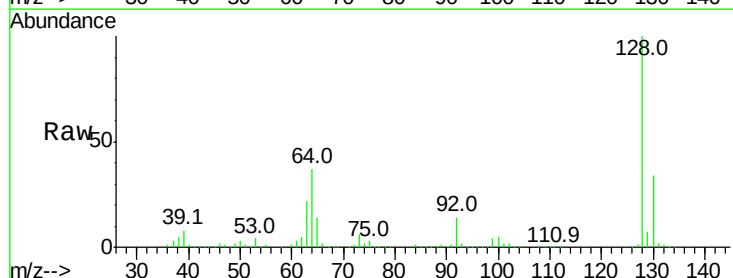
Tgt Ion:128 Resp: 617658

Ion Ratio Lower Upper

128 100

130 34.3 12.3 52.3

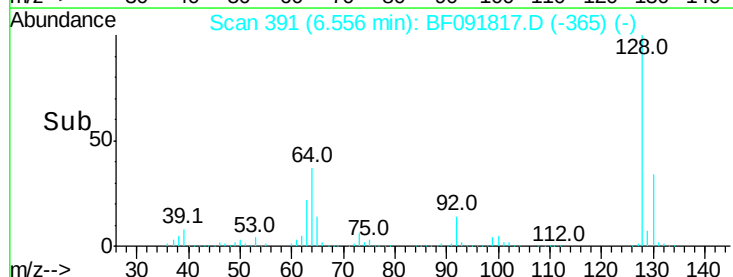
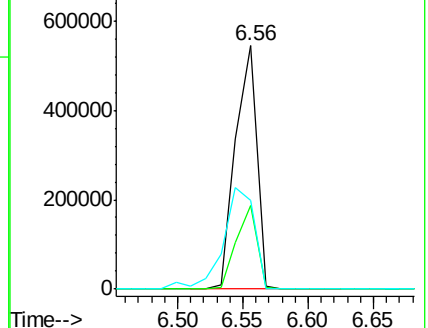
64 36.6 32.2 72.2

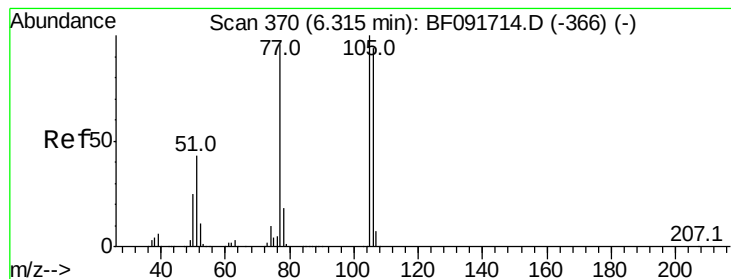


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.62 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampled :

PB95481BS

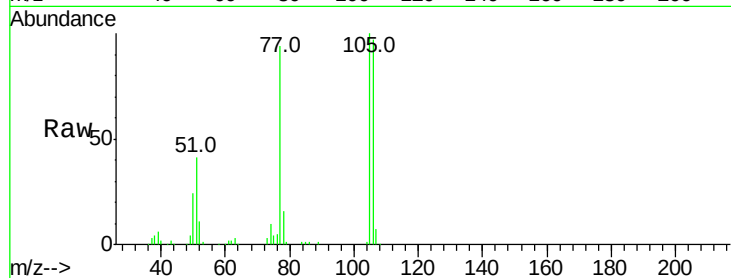
Tot Ion: 77 Resp: 88842

Ion Ratio Lower Upper

77 100

105 106.8 83.9 123.9

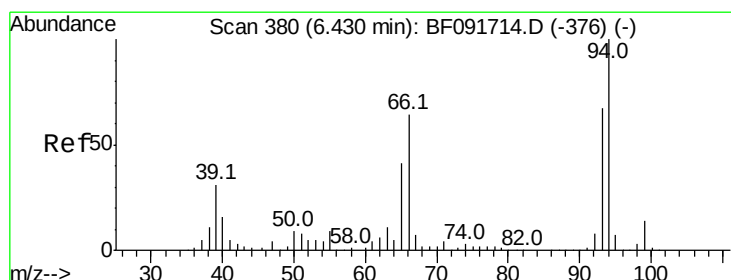
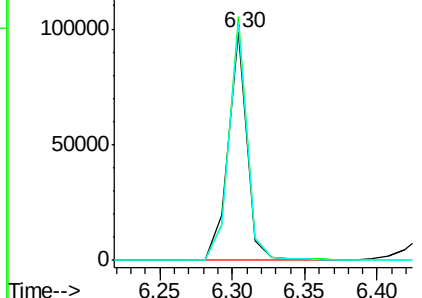
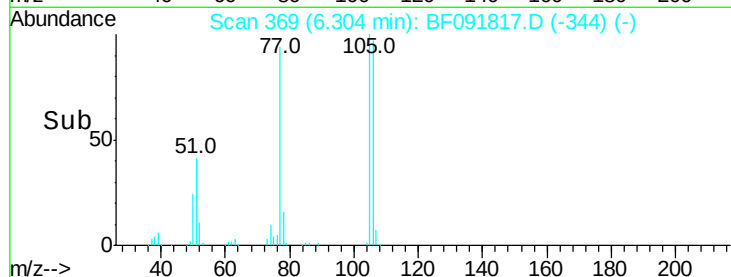
106 104.1 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.21 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

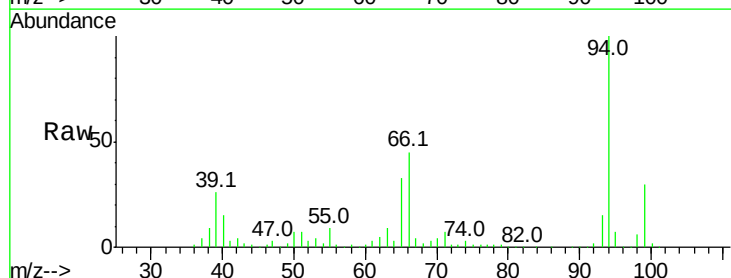
Tgt Ion: 94 Resp: 737351

Ion Ratio Lower Upper

94 100

65 33.2 21.4 61.4

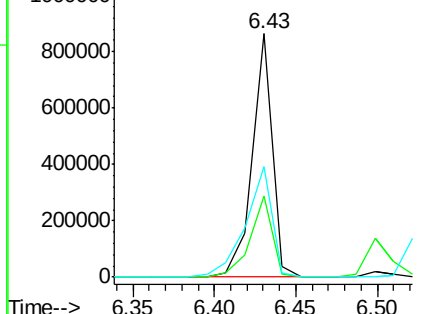
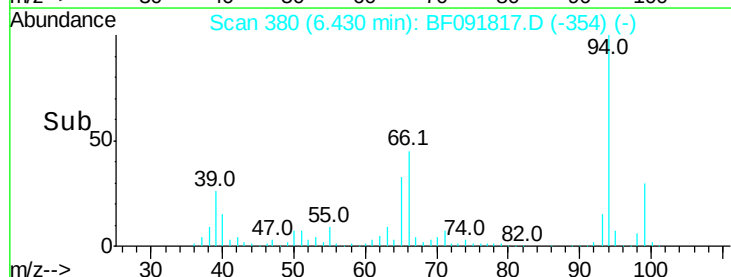
66 45.4 44.0 84.0

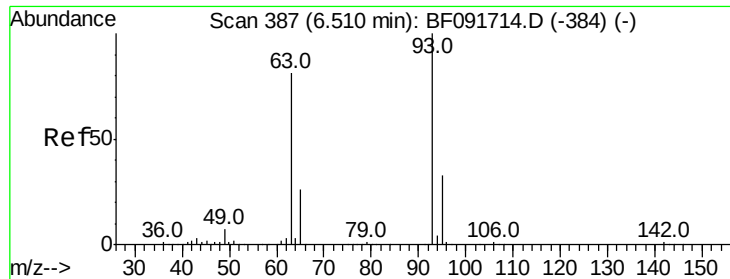


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.67 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

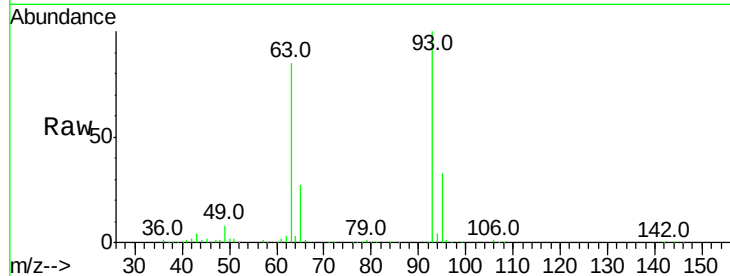
Tot Ion: 93 Resp: 565795

Ion Ratio Lower Upper

93 100

63 84.6 60.4 100.4

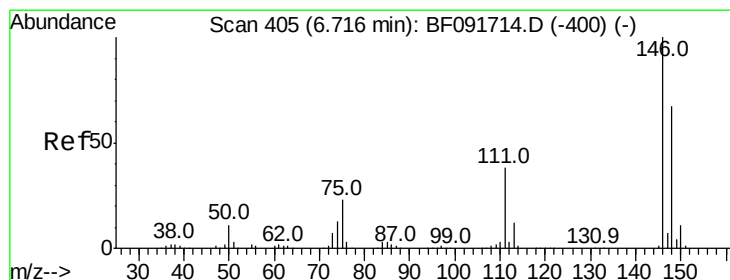
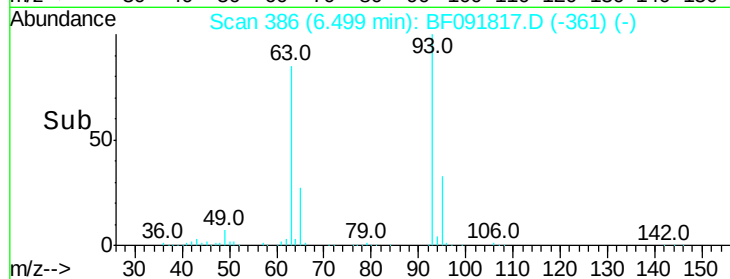
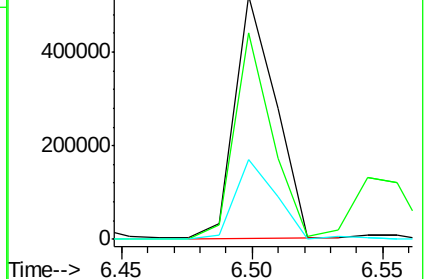
95 32.6 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 39.13 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

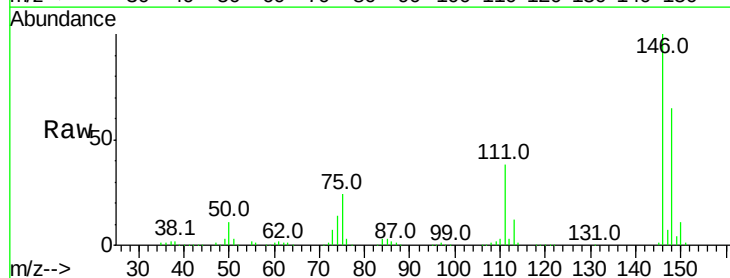
Tgt Ion: 146 Resp: 647049

Ion Ratio Lower Upper

146 100

148 65.3 53.4 80.0

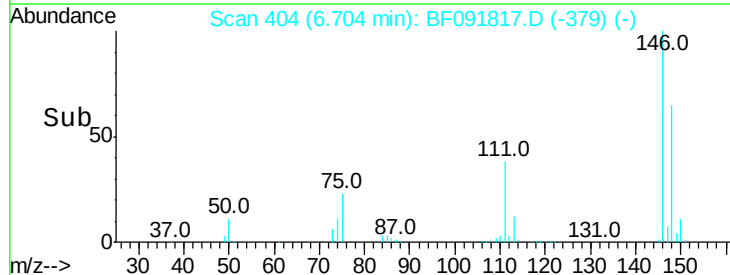
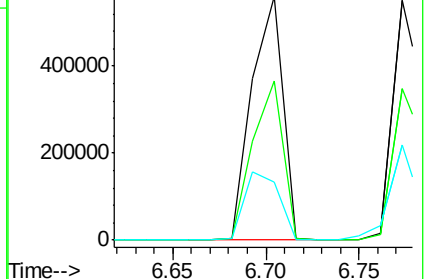
75 23.8 18.5 27.7

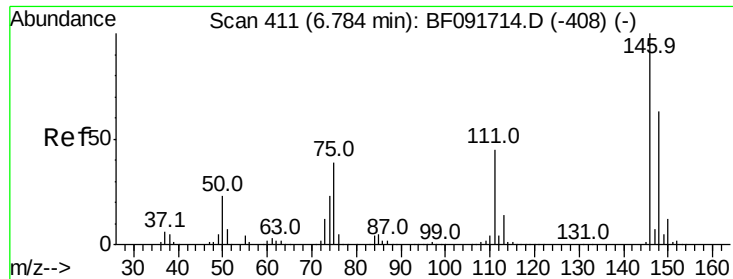


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 37.57 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

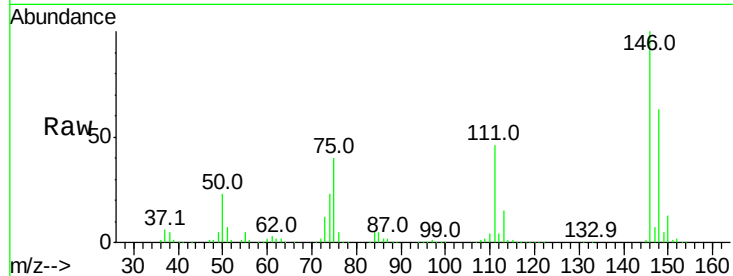
Tot Ion:146 Resp: 628578

Ion Ratio Lower Upper

146 100

148 63.1 50.6 76.0

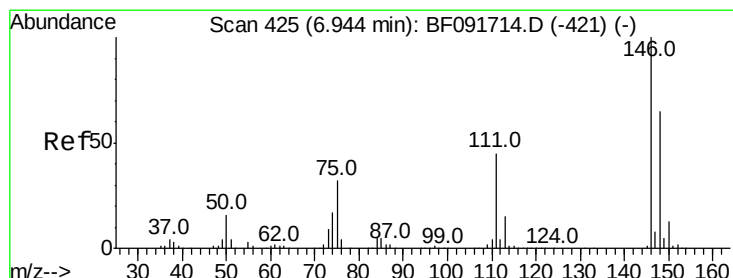
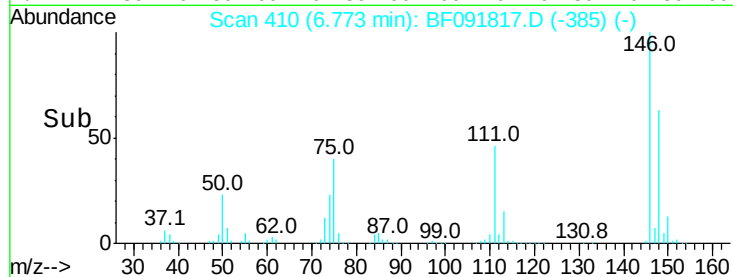
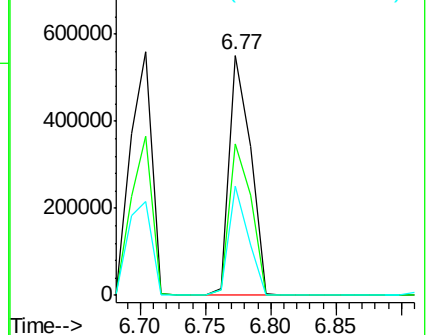
111 45.6 36.2 54.4



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: 43.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

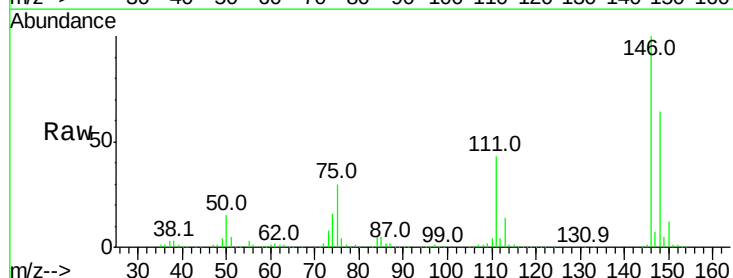
Tgt Ion:146 Resp: 630265

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

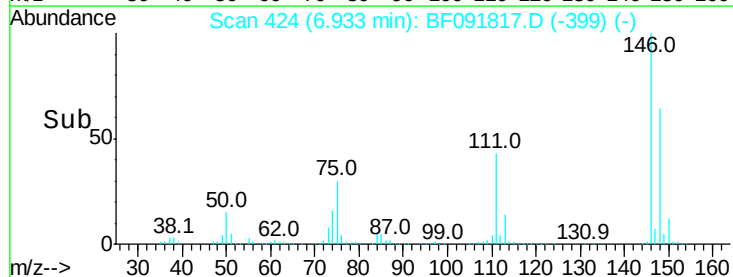
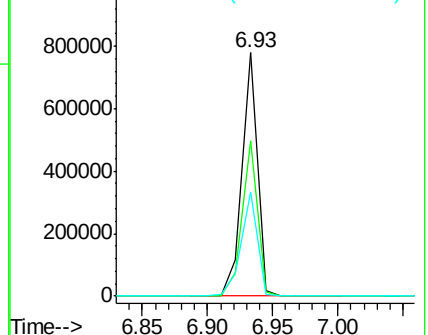
111 42.6 36.2 54.2

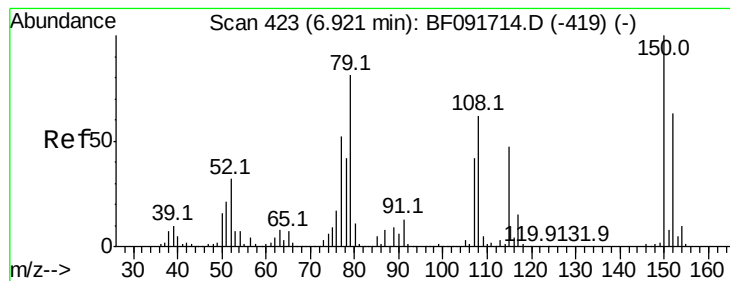


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.89 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

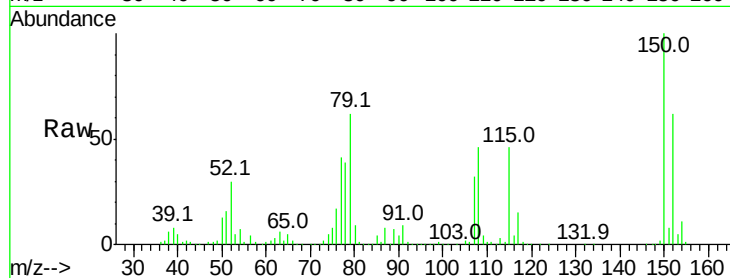
Tot Ion: 79 Resp: 463572

Ion Ratio Lower Upper

79 100

108 73.7 61.4 92.0

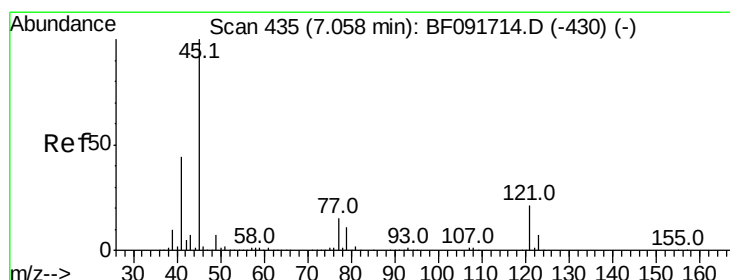
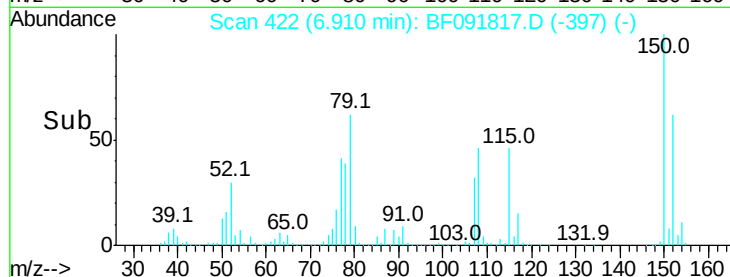
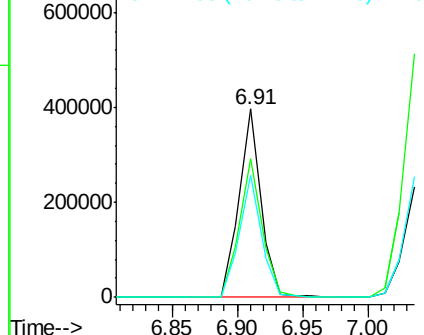
77 65.0 50.9 76.3



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: 35.87 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

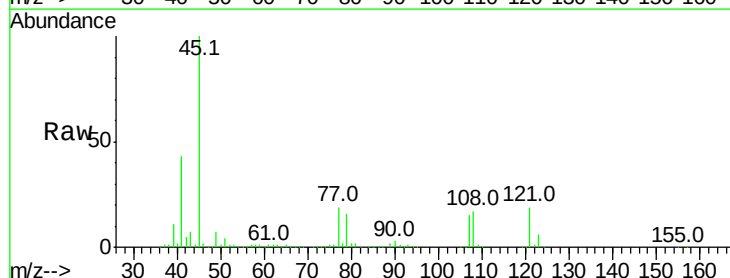
Tgt Ion: 45 Resp: 823196

Ion Ratio Lower Upper

45 100

77 19.1 0.0 34.6

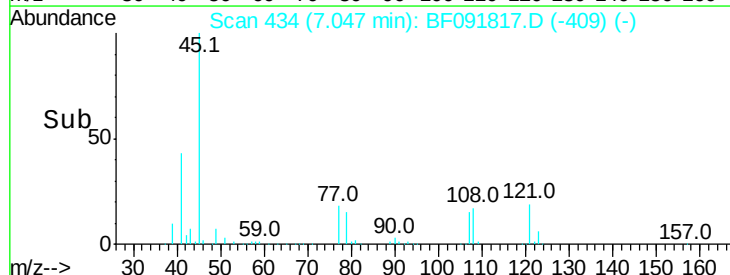
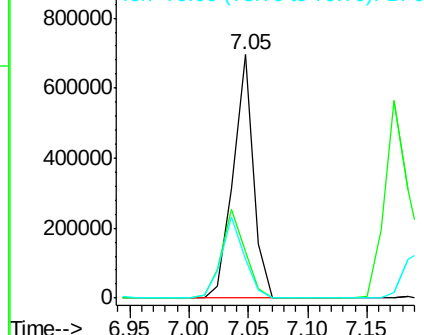
79 15.8 0.0 31.2

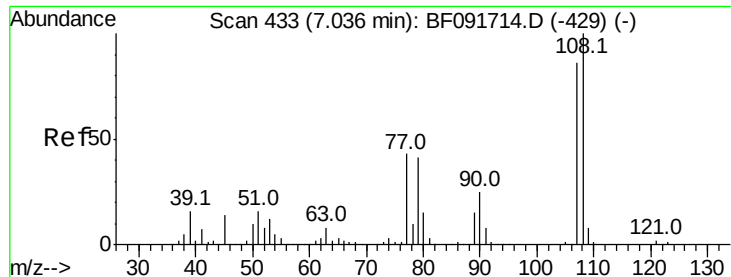


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

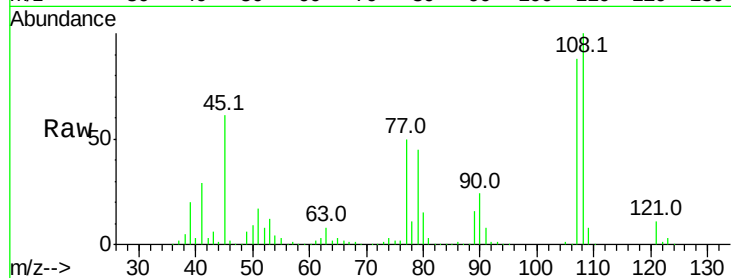




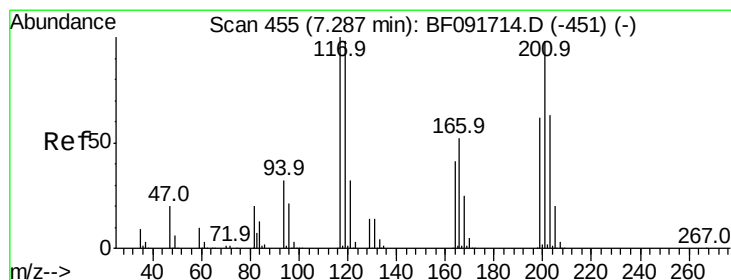
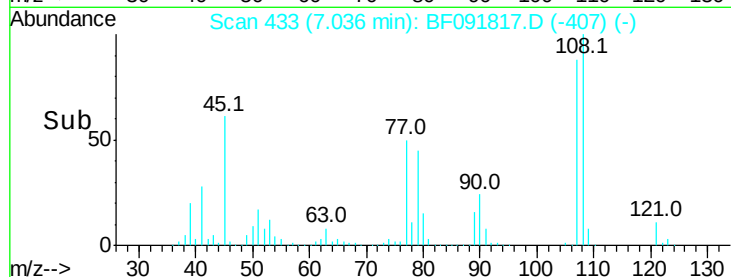
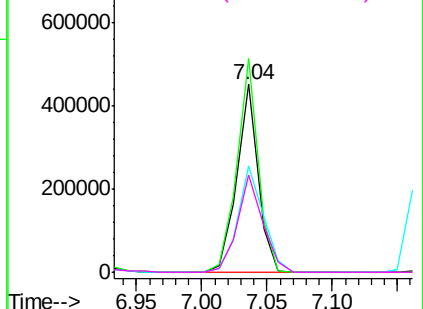
#17
2-Methylphenol
Concen: 40.25 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB95481BS

Tot Ion:	107	Resp:	506434
Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.0	139.6
77	56.4	39.8	59.8
79	51.6	38.0	57.0

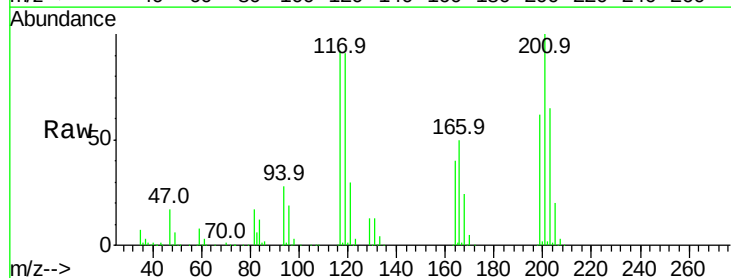


Abundance Ion 107.00 (106.70 to 107.70): E
800000 Ion 108.00 (107.70 to 108.70): E
600000 Ion 77.00 (76.70 to 77.70): BF0
400000 Ion 79.00 (78.70 to 79.70): BF0
200000
0

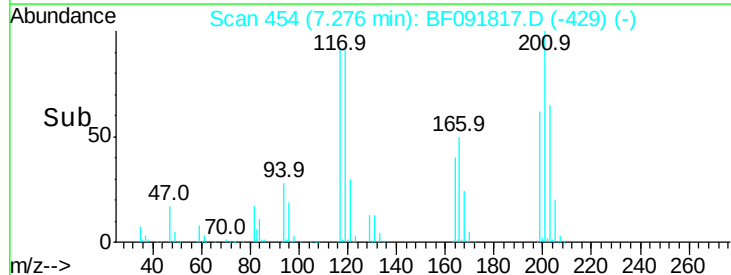
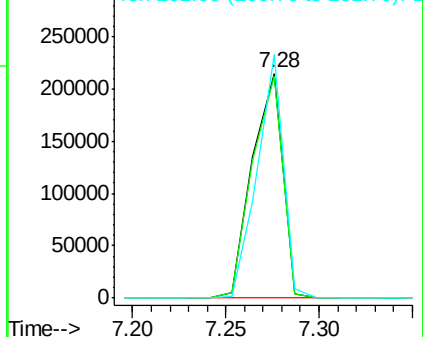


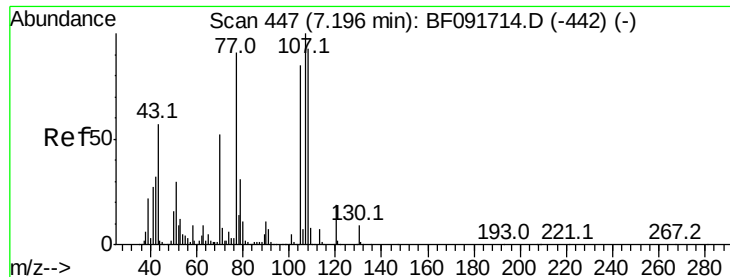
#18
Hexachloroethane
Concen: 39.59 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Tgt Ion:	117	Resp:	246097
Ion	Ratio	Lower	Upper
117	100		
119	98.5	78.1	117.1
201	108.3	78.6	117.8



Abundance Ion 117.00 (116.70 to 117.70): E
300000 Ion 119.00 (118.70 to 119.70): E
250000 Ion 201.00 (200.70 to 201.70): E
200000
150000
100000
50000
0





#19

n-Nitroso-di-n-propylamine

Concen: 39.96 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

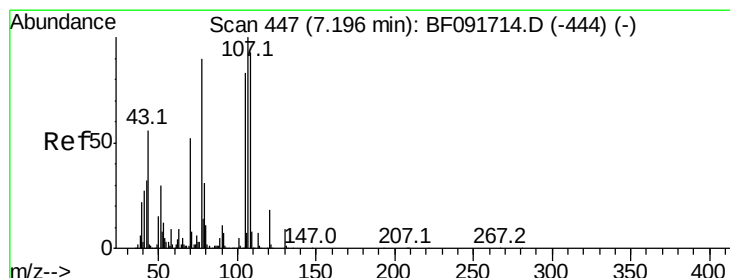
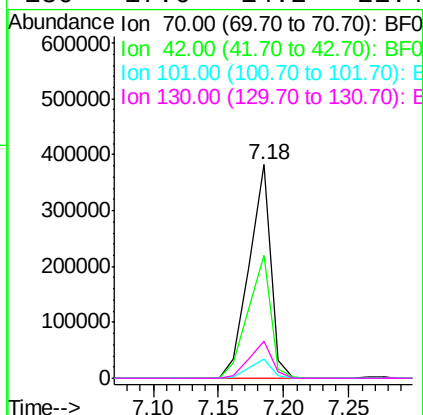
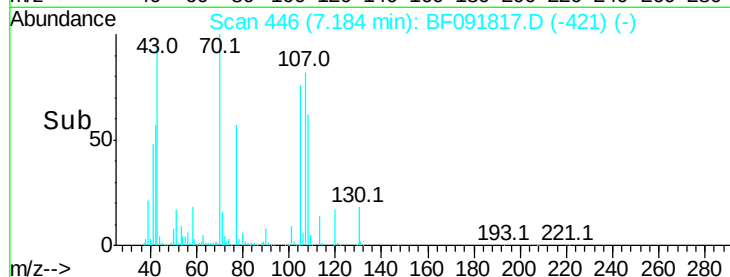
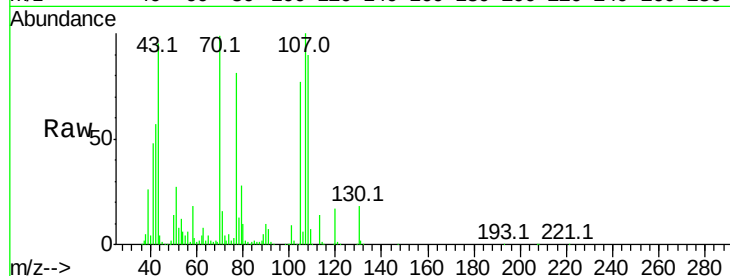
Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB95481BS

Tot Ion: 70 Resp: 443394

Ion	Ratio	Lower	Upper
70	100		
42	57.8	49.4	74.0
101	8.9	7.4	11.2
130	17.6	14.2	21.4



#20

3+4-Methylphenols

Concen: 47.34 ng

RT: 7.20 min Scan# 447

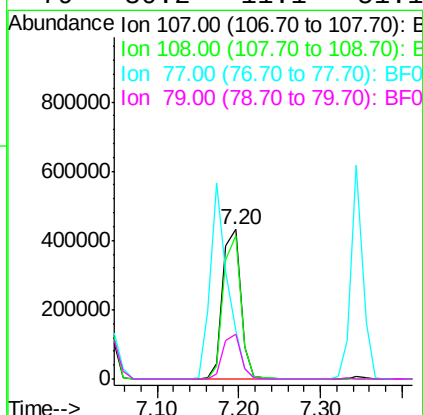
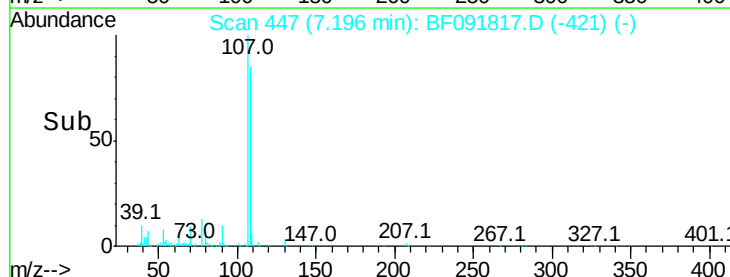
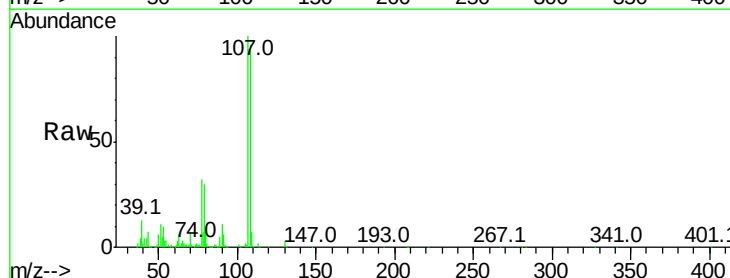
Delta R.T. 0.00 min

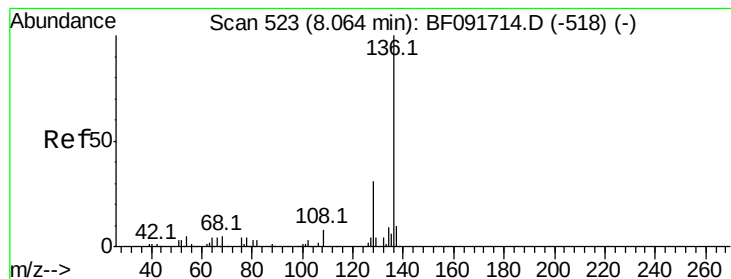
Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Tgt Ion:107 Resp: 664423

Ion	Ratio	Lower	Upper
107	100		
108	96.0	73.0	113.0
77	32.3	71.3	111.3#
79	30.2	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

Tot Ion:136 Resp: 910097

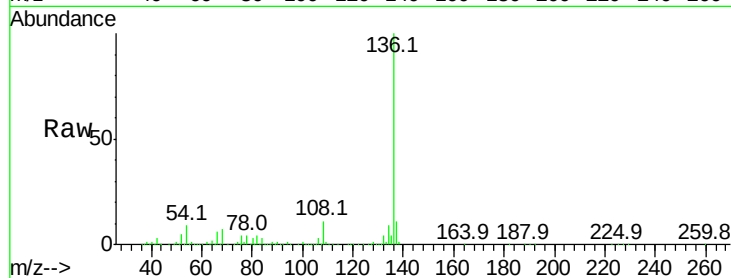
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.1 4.5 6.7#

68 7.0 3.6 5.4#

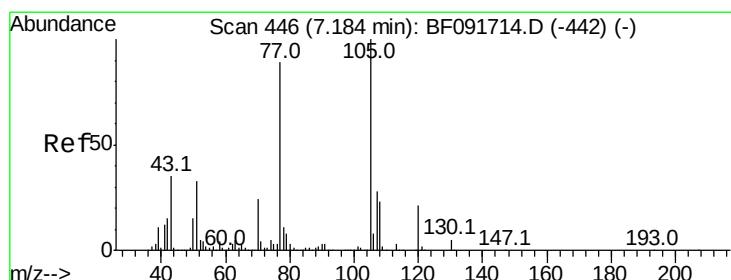
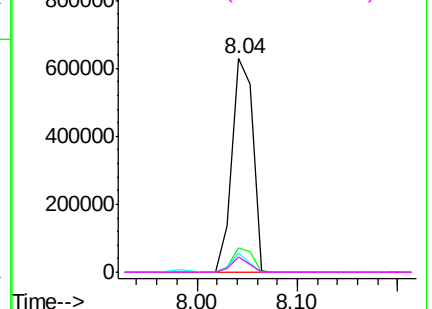
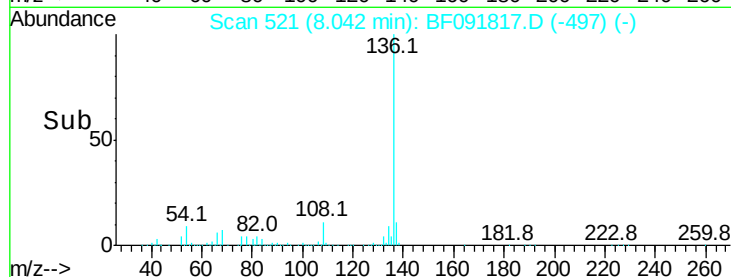


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.06 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Tgt Ion:105 Resp: 858285

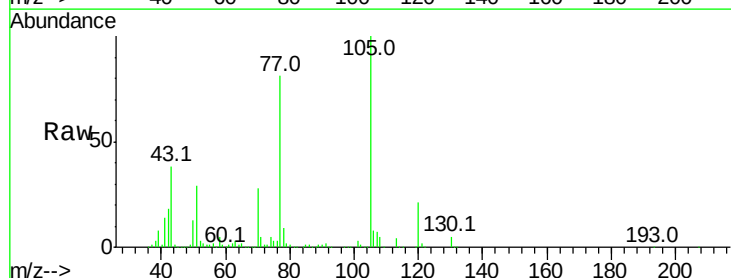
Ion Ratio Lower Upper

105 100

71 4.7 3.2 4.8

51 29.5 26.2 39.4

120 20.8 16.6 24.8

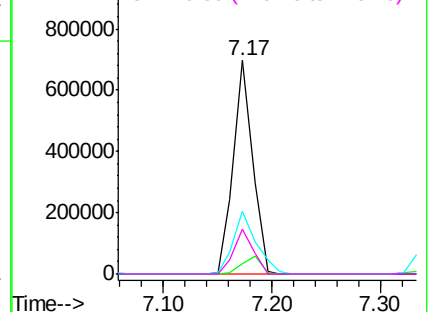
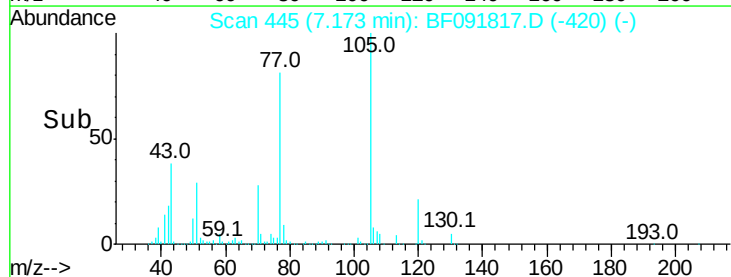


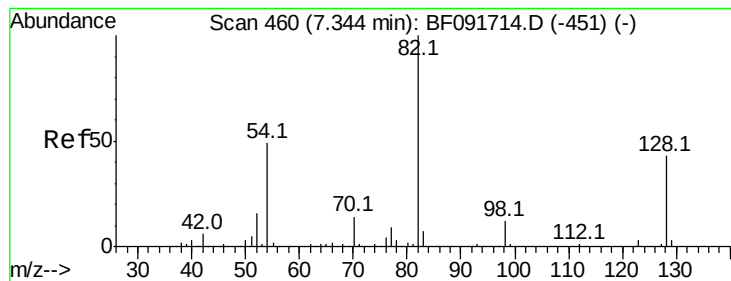
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 87.53 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

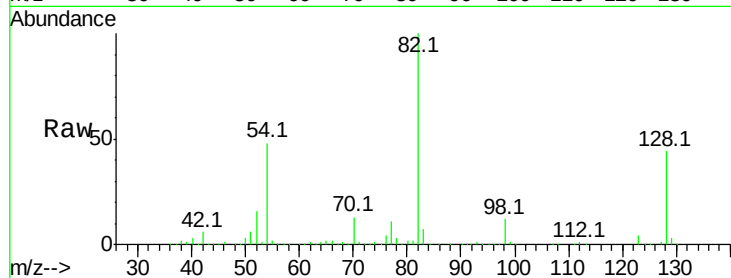
Tot Ion: 82 Resp: 1381295

Ion Ratio Lower Upper

82 100

128 44.2 34.6 52.0

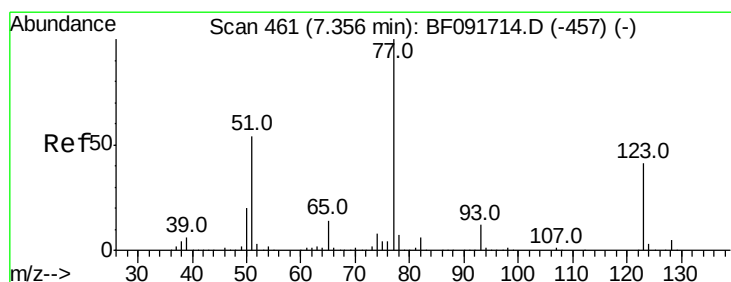
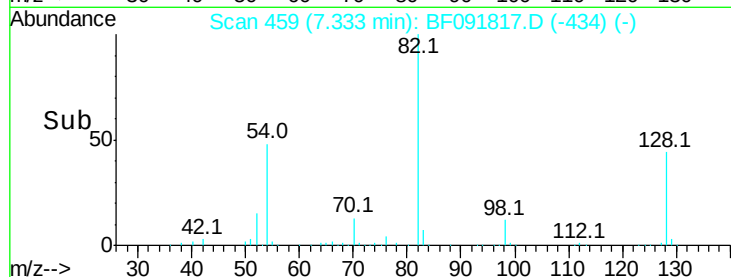
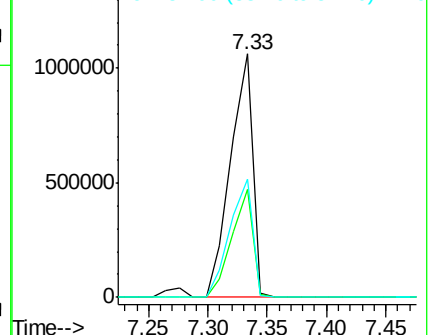
54 48.3 39.5 59.3



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: 36.36 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

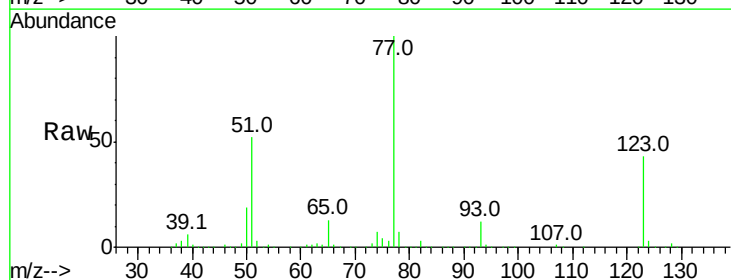
Tgt Ion: 77 Resp: 616269

Ion Ratio Lower Upper

77 100

123 42.8 33.0 49.4

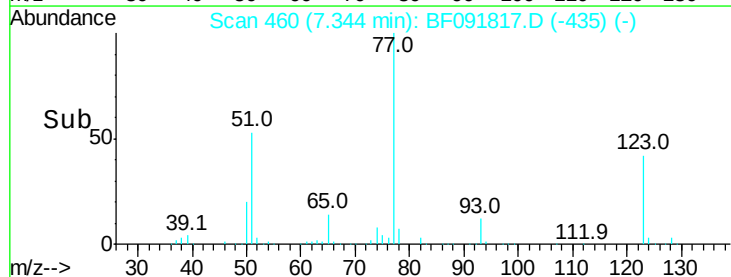
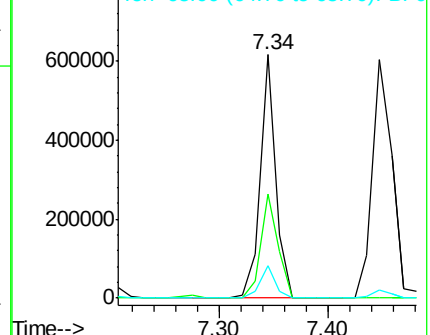
65 13.3 11.2 16.8

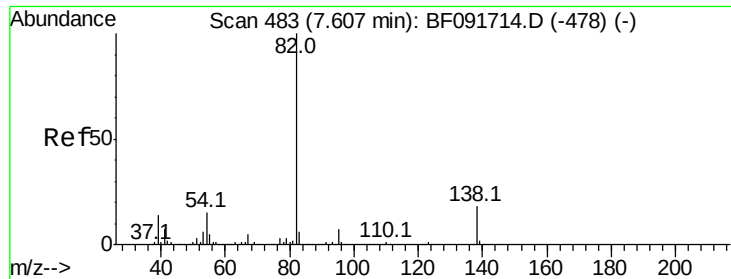


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 41.64 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

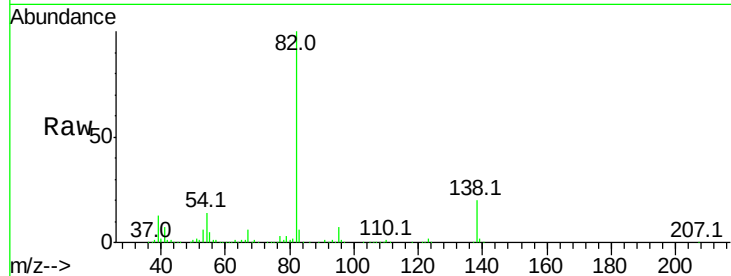
Tot Ion: 82 Resp: 1253869

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

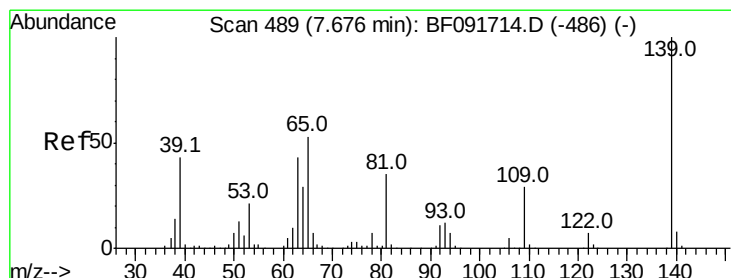
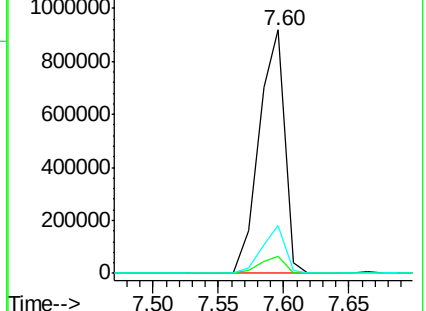
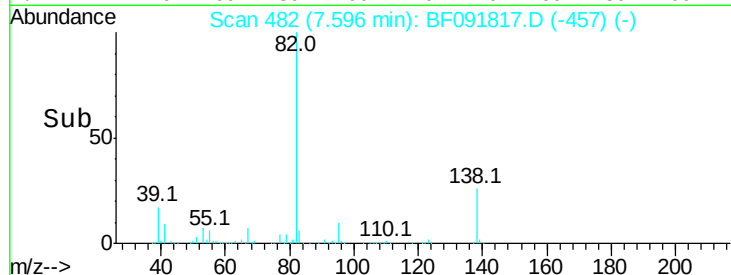
138 19.5 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.21 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

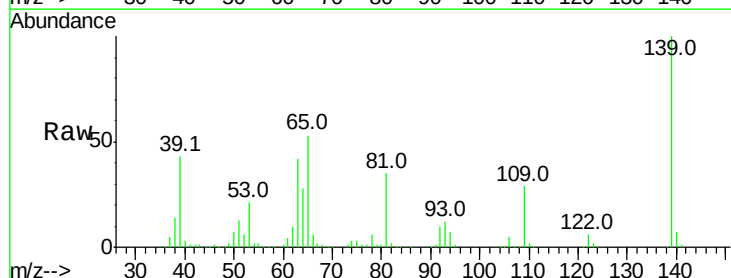
Tgt Ion:139 Resp: 336935

Ion Ratio Lower Upper

139 100

109 29.4 23.3 34.9

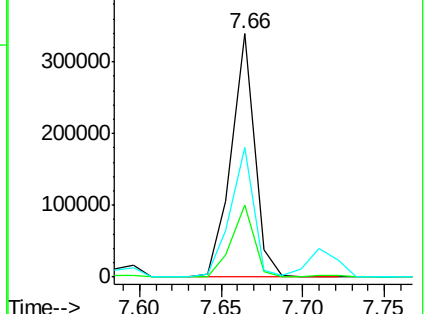
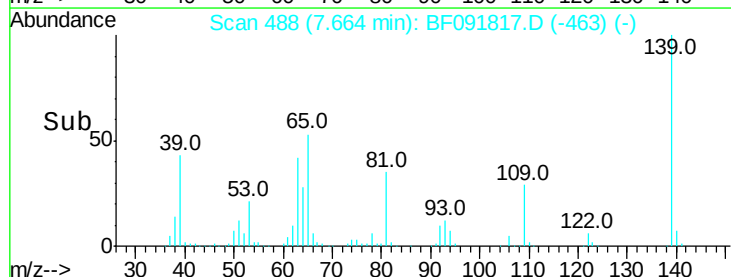
65 53.3 42.7 64.1

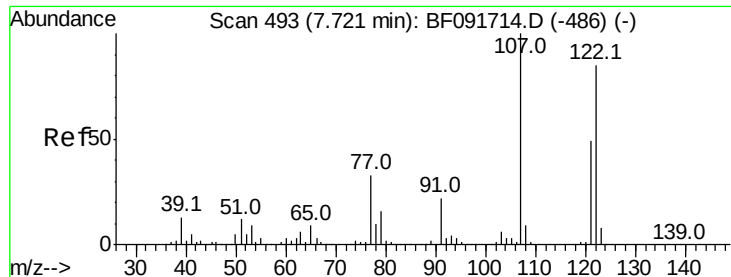


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.26 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

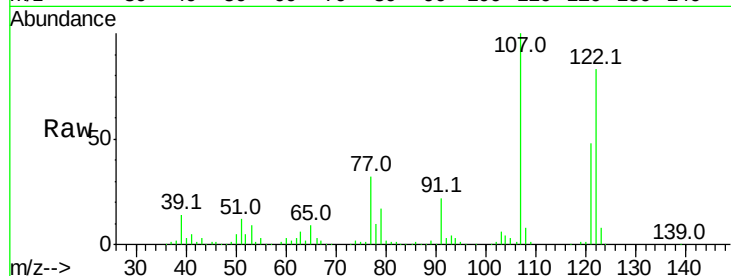
Tot Ion:122 Resp: 576994

Ion Ratio Lower Upper

122 100

107 120.2 94.1 141.1

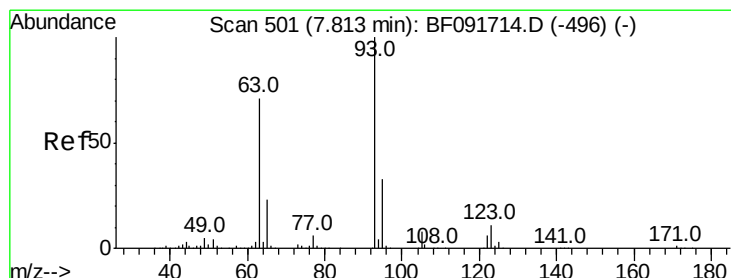
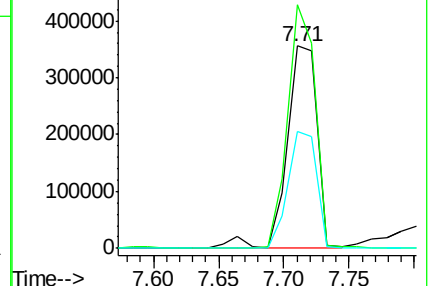
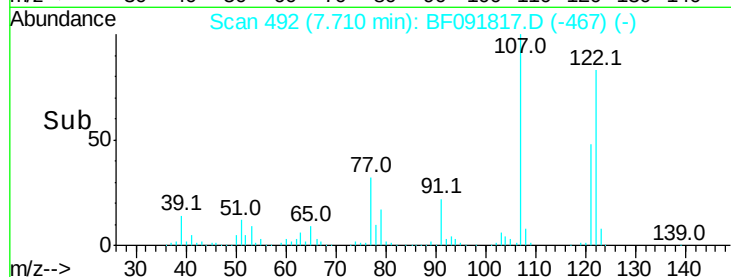
121 57.8 46.0 69.0



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: 41.60 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

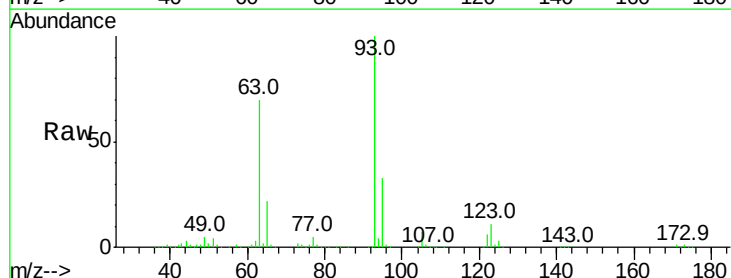
Tgt Ion: 93 Resp: 732975

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

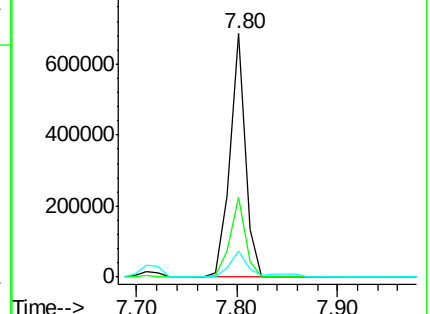
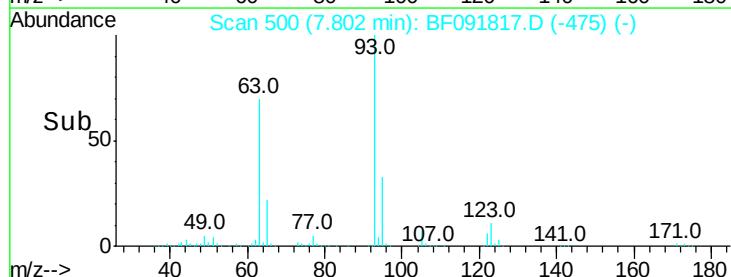
123 10.6 8.6 13.0

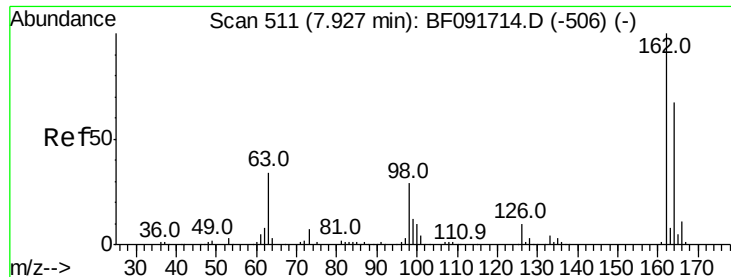


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

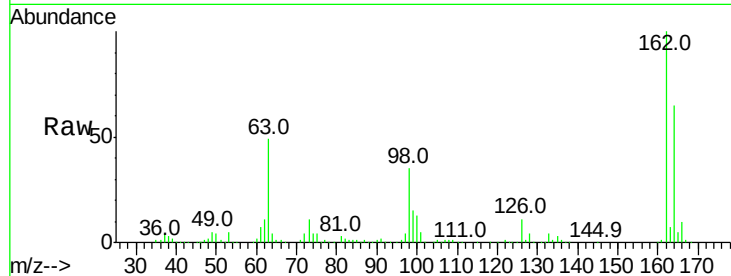




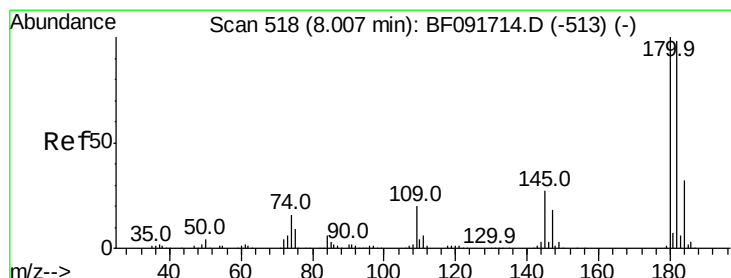
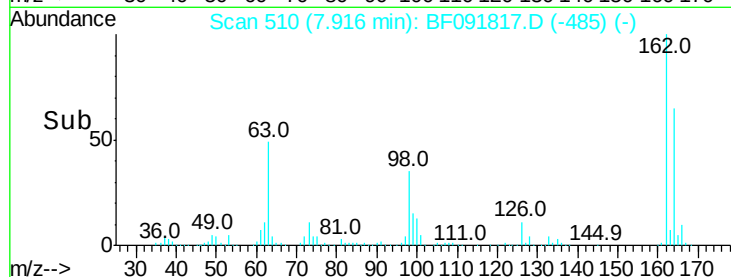
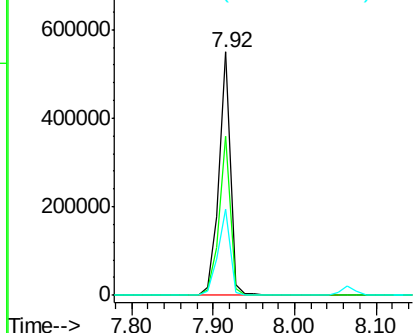
#29
 2,4-Dichlorophenol
 Concen: 43.53 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95481BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	46.8	86.8
98	35.3	9.1	49.1

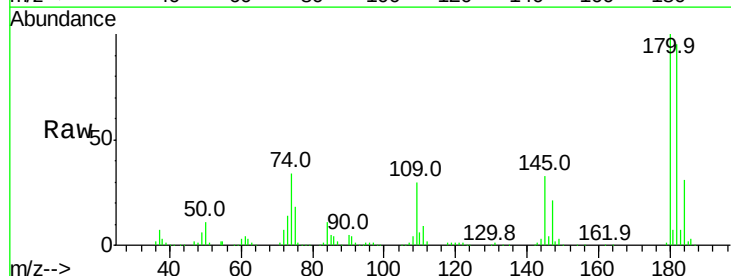


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

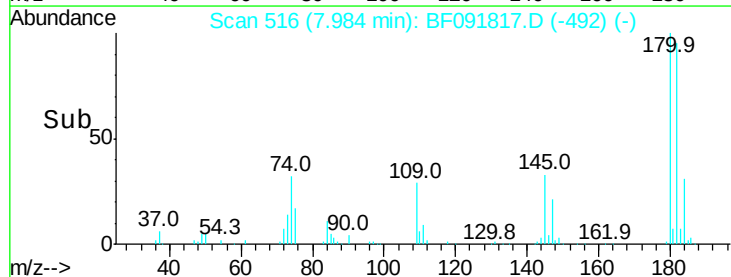
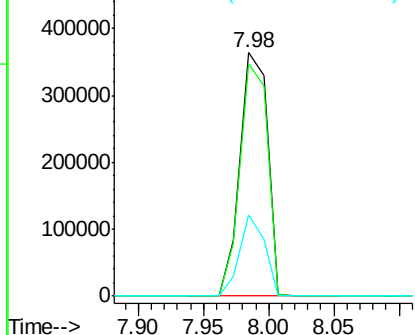


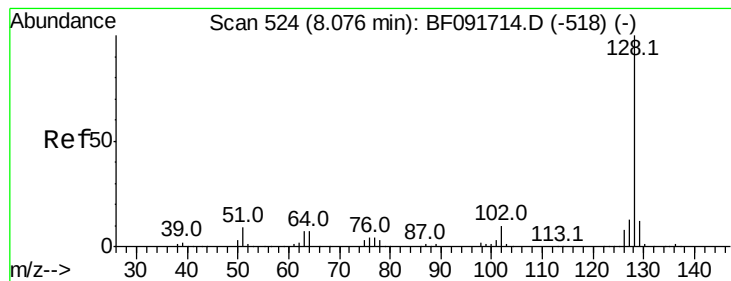
#30
 1,2,4-Trichlorobenzene
 Concen: 40.18 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.2	117.4
145	33.4	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: 37.83 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

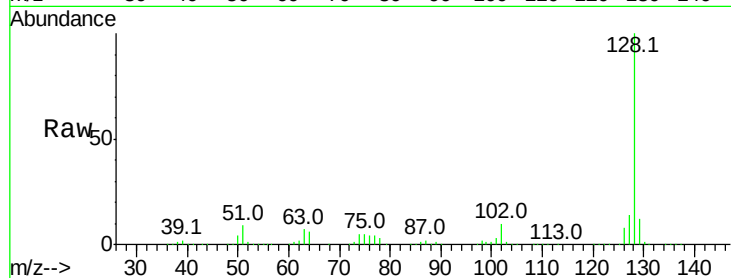
Tot Ion:128 Resp: 1644638

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

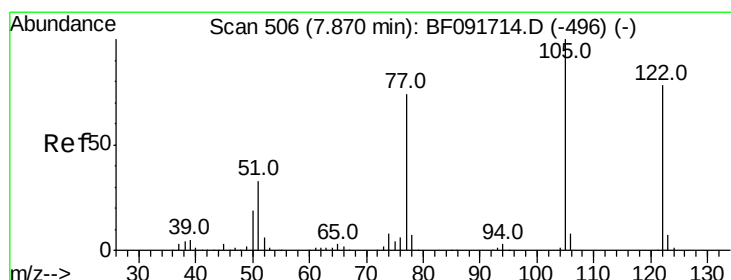
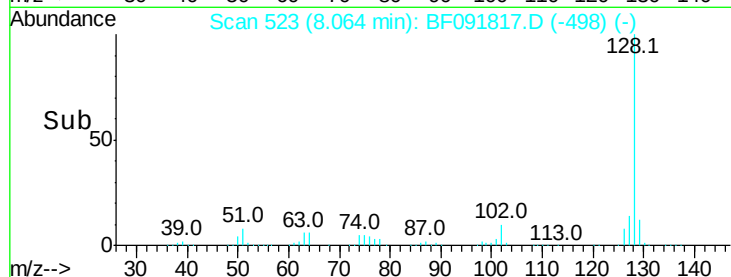
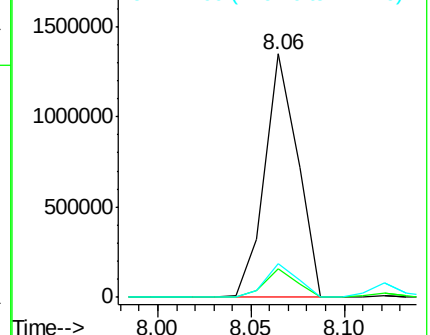
127 13.6 10.8 16.2



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: 39.73 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

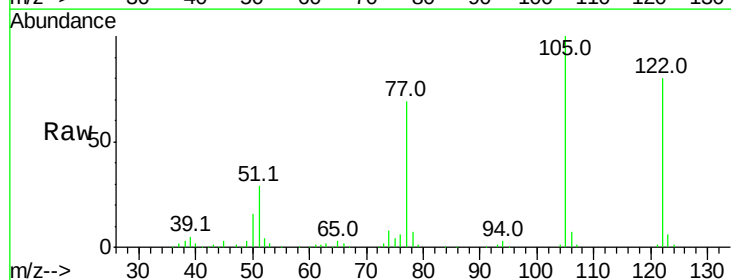
Tgt Ion:122 Resp: 377592

Ion Ratio Lower Upper

122 100

105 125.1 107.2 147.2

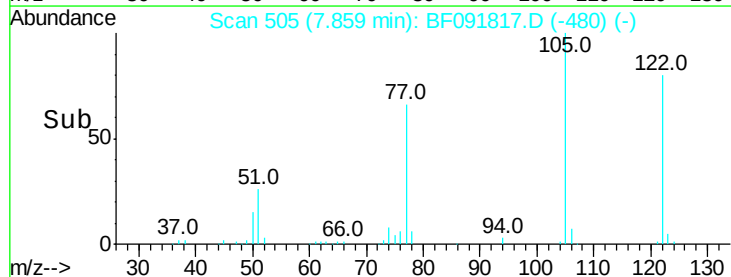
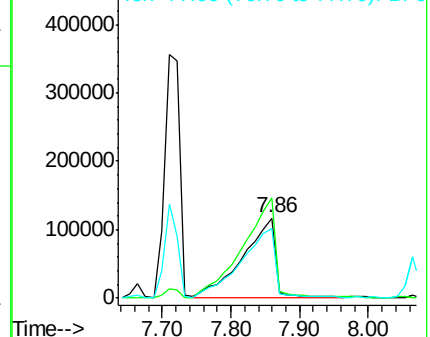
77 86.8 74.5 114.5

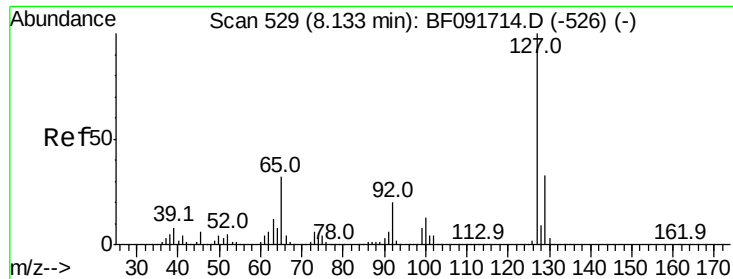


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

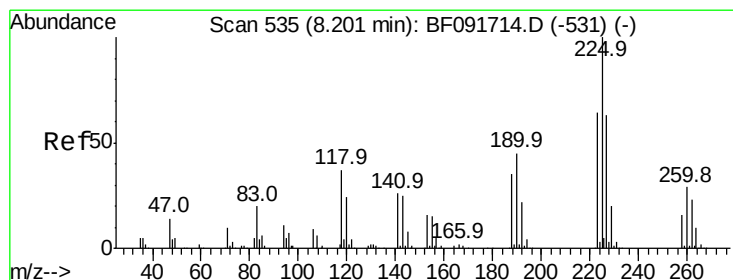
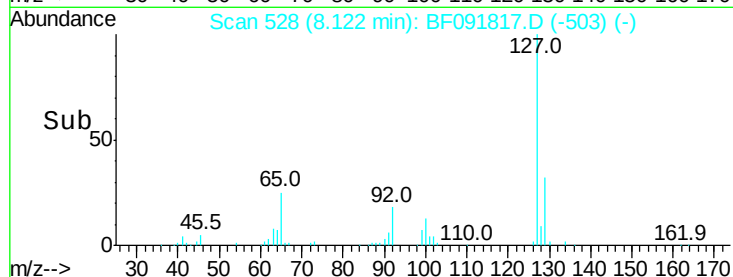
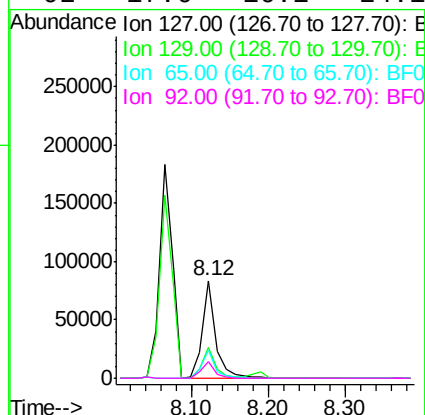
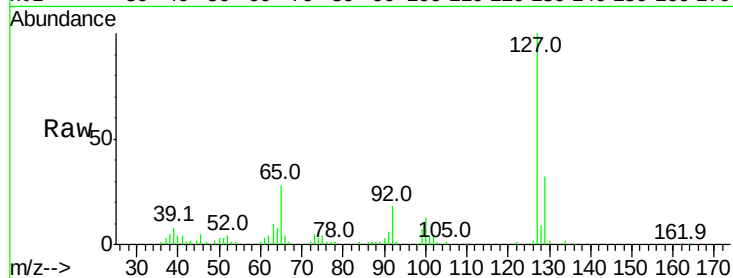




#33
4-Chloroaniline
Concen: 5.51 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

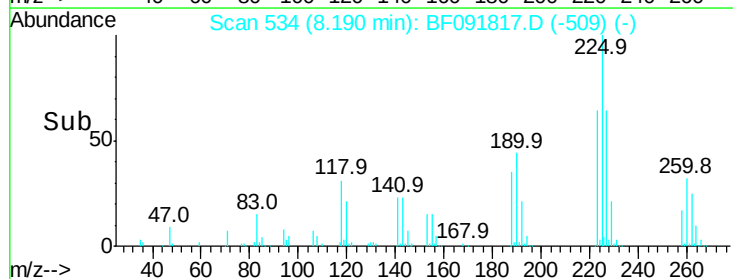
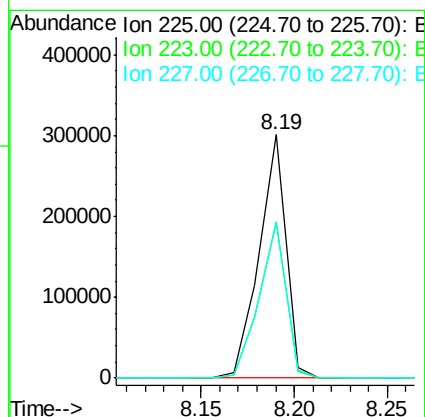
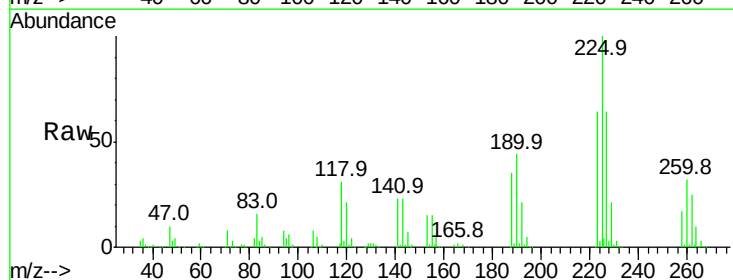
Instrument :
BNA_F
ClientSampleId :
PB95481BS

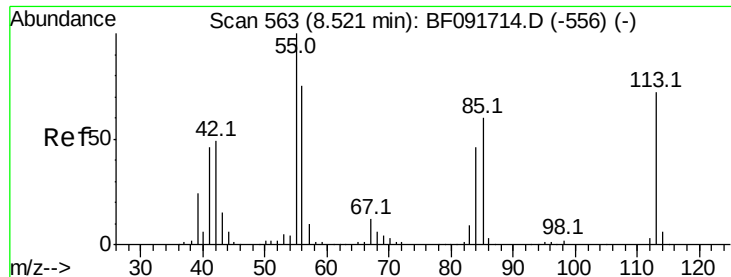
Tot Ion:	127	Resp:	100829
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	28.4	25.8	38.8
92	17.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 39.89 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Tgt Ion:	225	Resp:	298951
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	64.3	50.6	76.0

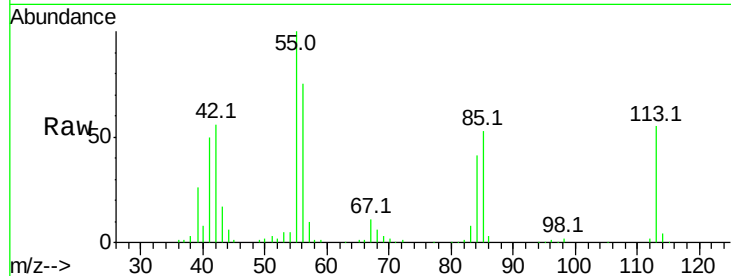




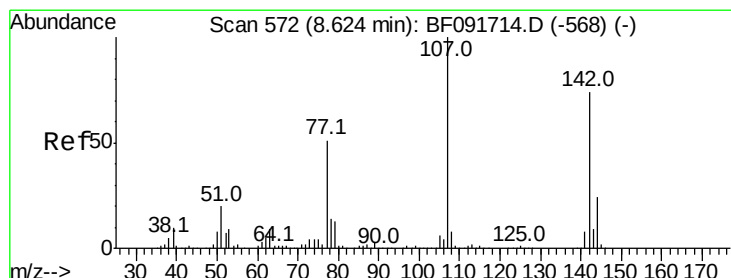
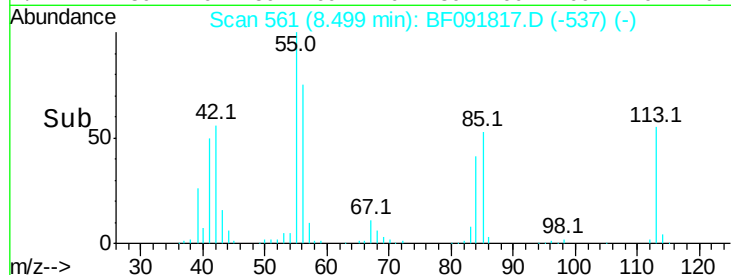
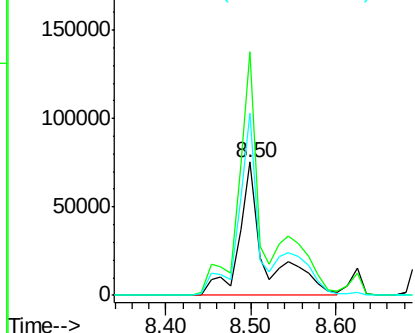
#35
Caprolactam
Concen: 41.89 ng/ml
RT: 8.50 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB95481BS

Tot Ion:113 Resp: 165796
Ion Ratio Lower Upper
113 100
55 182.7 119.2 159.2#
56 137.0 83.8 123.8#

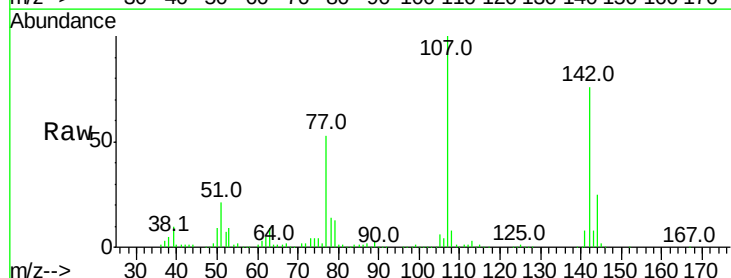


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

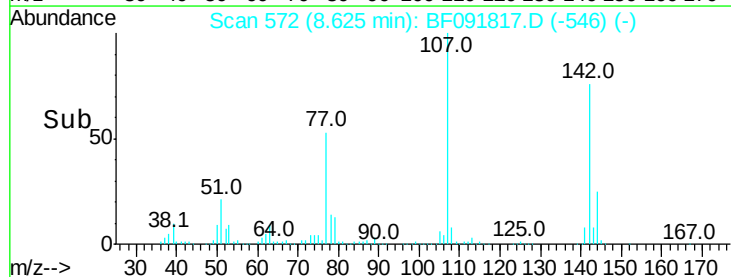
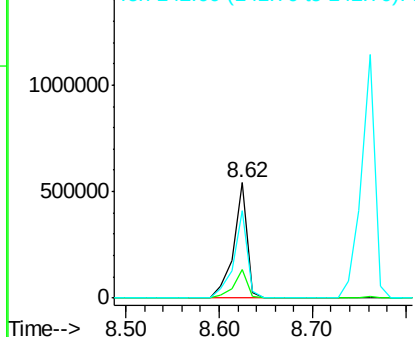


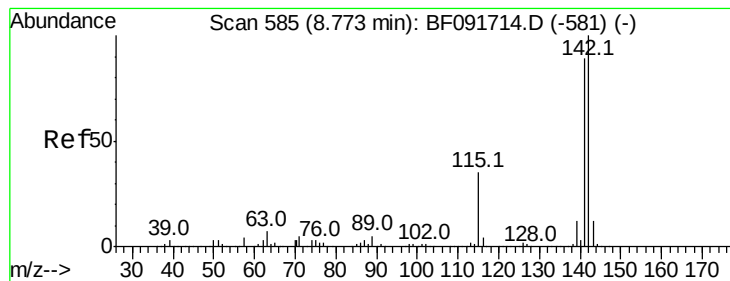
#36
4-Chloro-3-methylphenol
Concen: 41.28 ng/ml
RT: 8.62 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Tgt Ion:107 Resp: 560096
Ion Ratio Lower Upper
107 100
144 25.3 19.3 28.9
142 75.6 59.0 88.6



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: 42.25 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

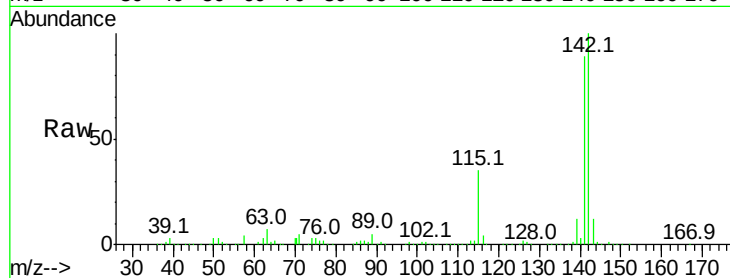
Tot Ion:142 Resp: 1158151

Ion Ratio Lower Upper

142 100

141 89.4 71.0 106.6

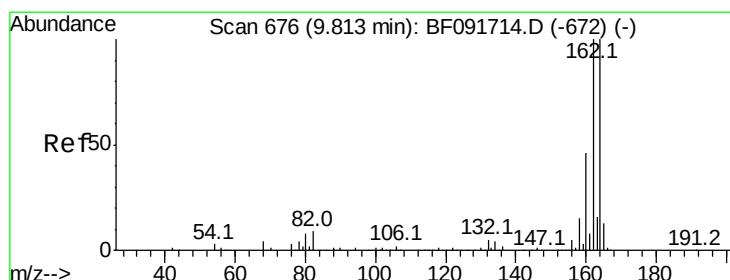
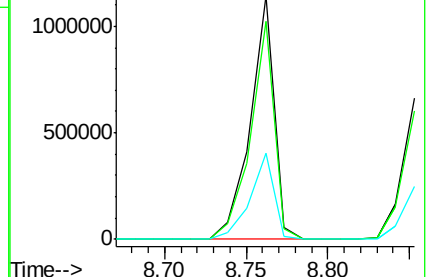
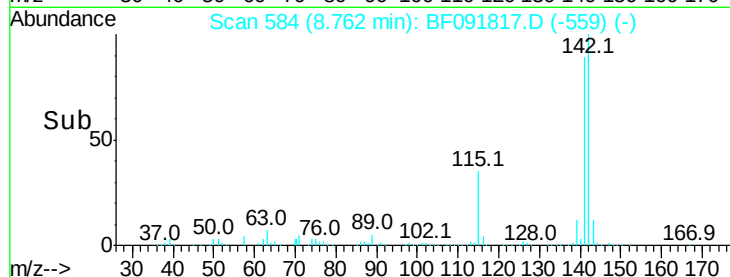
115 35.5 28.3 42.5



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: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

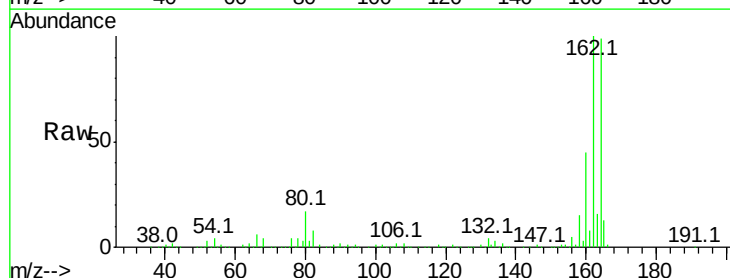
Tgt Ion:164 Resp: 492356

Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

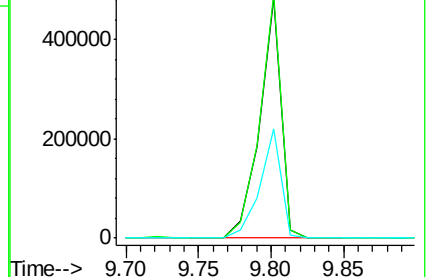
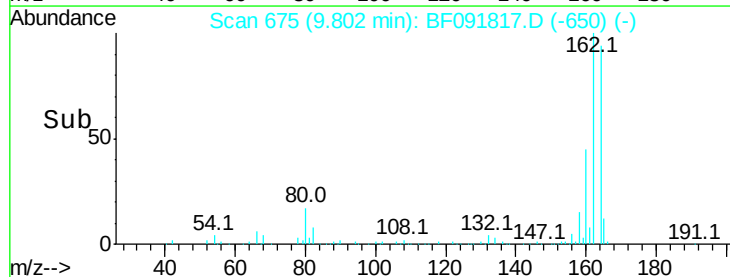
160 45.2 36.9 55.3

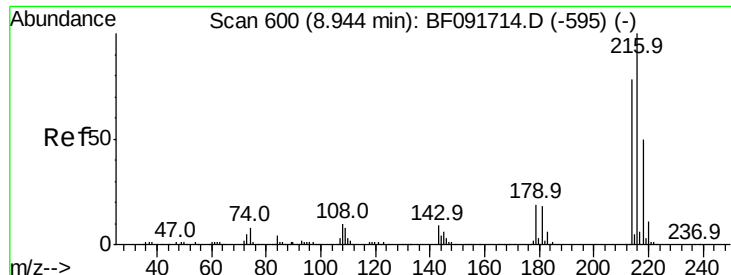


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

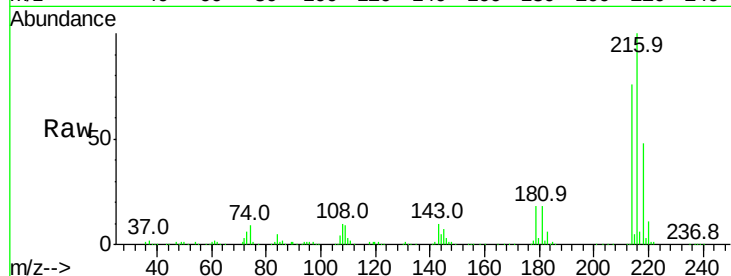




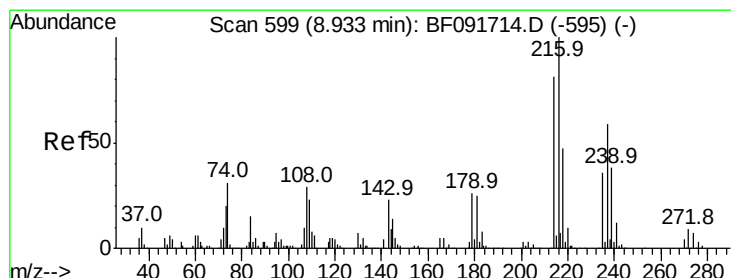
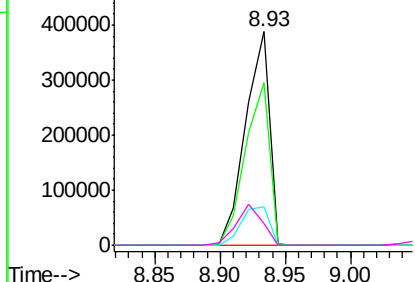
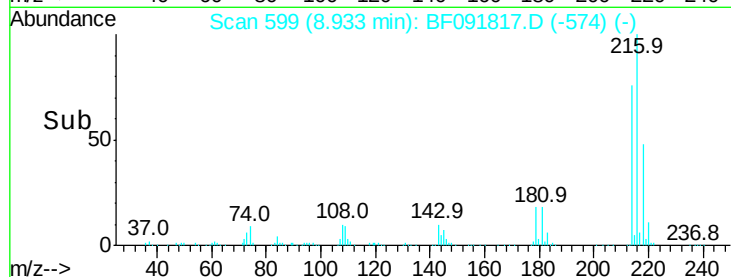
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.25 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95481BS

Tot Ion:	216	Resp:	493915
Ion	Ratio	Lower	Upper
216	100		
214	77.2	63.4	95.0
179	21.1	17.4	26.2
108	21.2	15.6	23.4

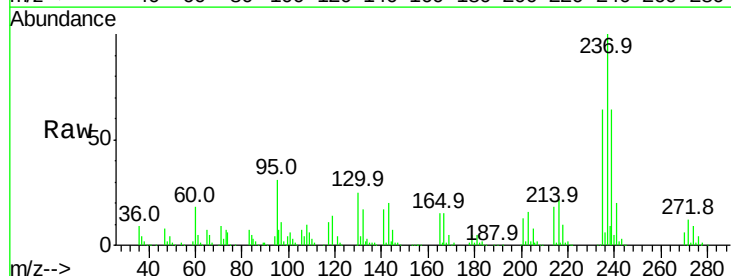


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

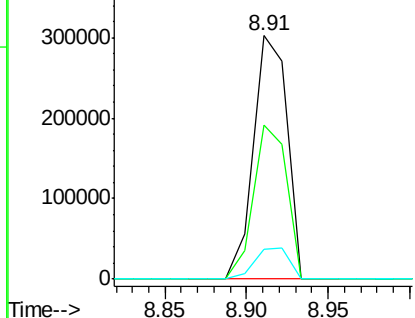
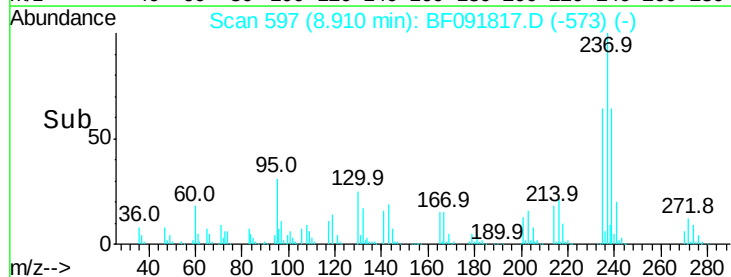


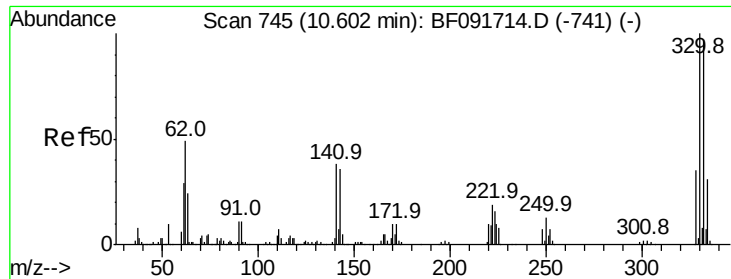
#40
 Hexachlorocyclopentadiene
 Concen: 83.30 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Tgt Ion:	237	Resp:	433284
Ion	Ratio	Lower	Upper
237	100		
235	63.5	41.2	81.2
272	12.3	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

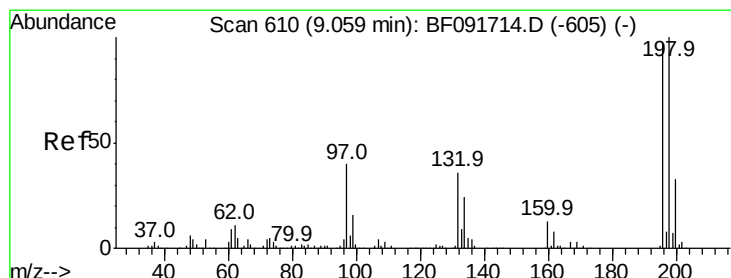
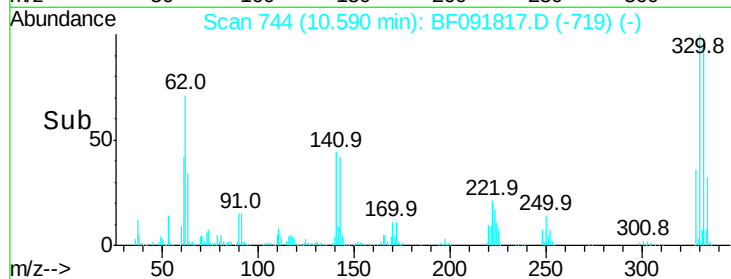
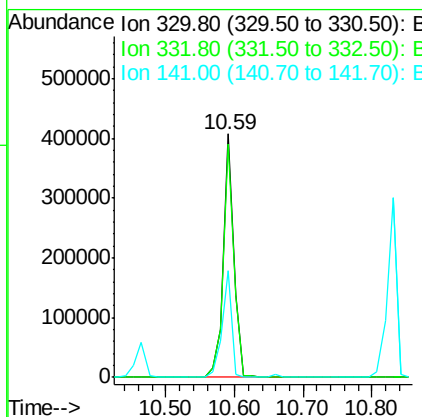
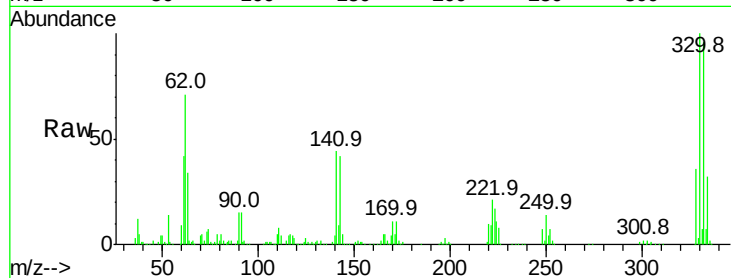




#41
 2,4,6-Tribromophenol
 Concen: 107.50 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

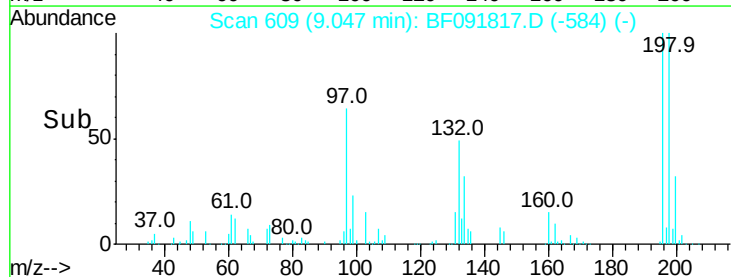
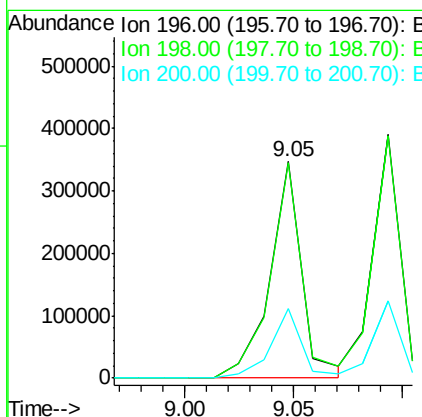
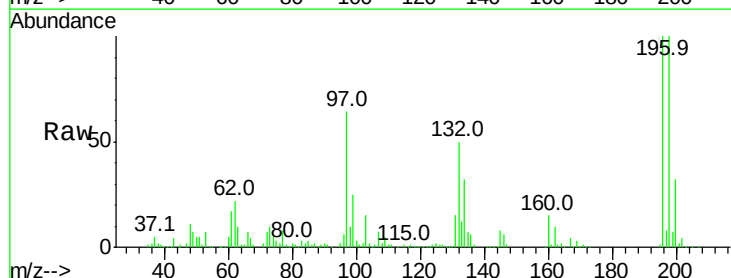
Instrument :
 BNA_F
 ClientSampleId :
 PB95481BS

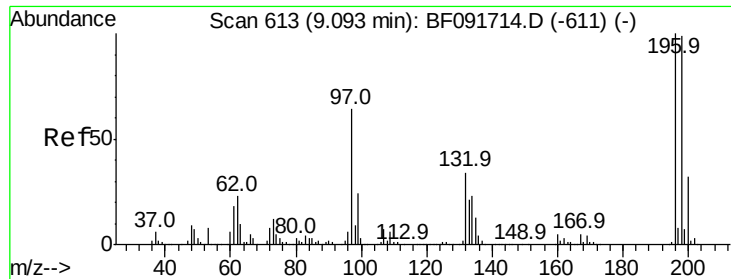
Tot Ion:330 Resp: 448824
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 39.8 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 40.53 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Tgt Ion:196 Resp: 355373
 Ion Ratio Lower Upper
 196 100
 198 99.5 82.1 123.1
 200 32.3 27.0 40.4

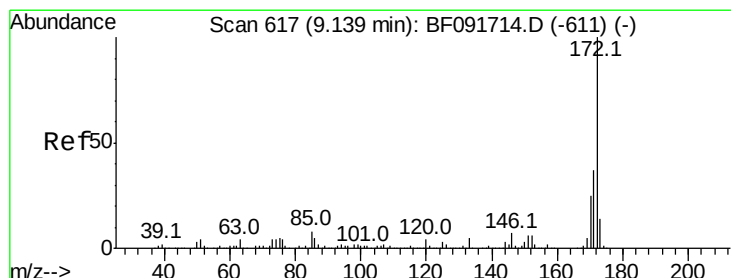
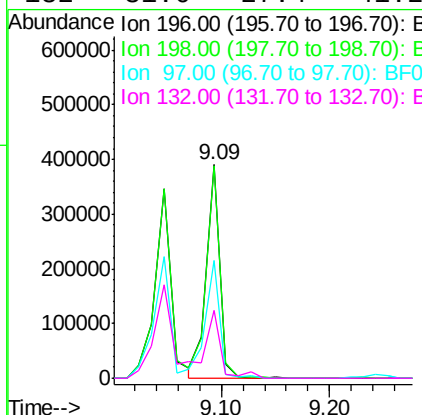
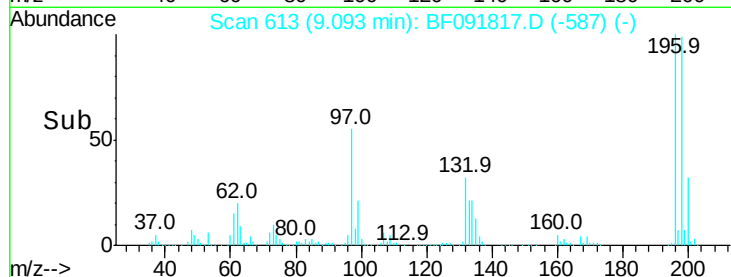
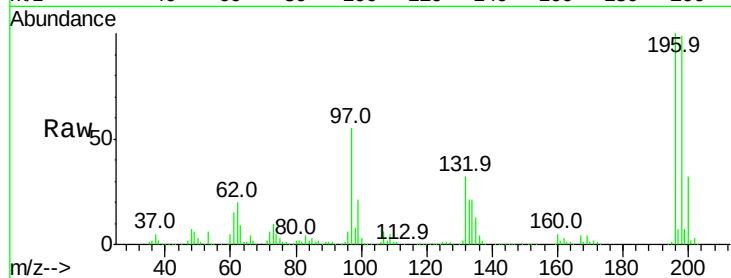




#43
 2,4,5-Trichlorophenol
 Concen: 39.62 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

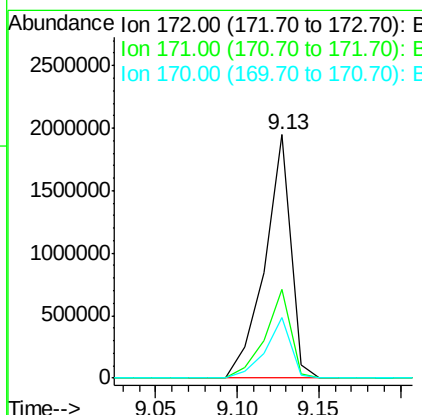
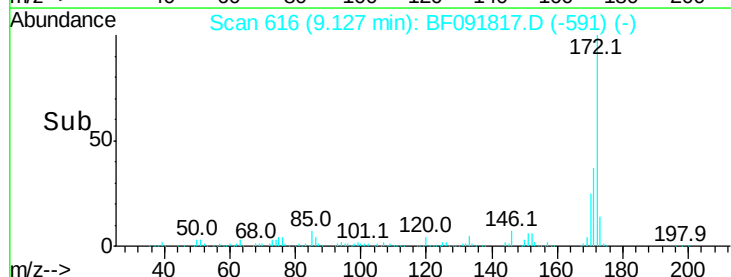
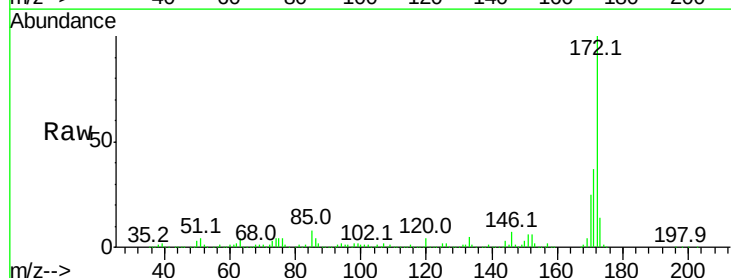
Instrument :
 BNA_F
 ClientSampleId :
 PB95481BS

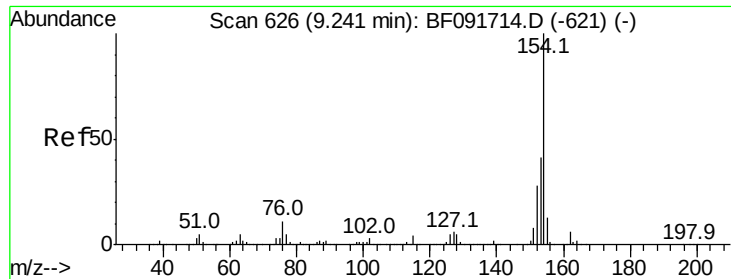
Tot Ion:	196	Resp:	341300
Ion	Ratio	Lower	Upper
196	100		
198	99.4	79.4	119.2
97	55.4	51.5	77.3
132	31.6	27.4	41.2



#44
 2-Fluorobiphenyl
 Concen: 88.30 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Tgt Ion:	172	Resp:	2164001
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.9	20.2	30.4



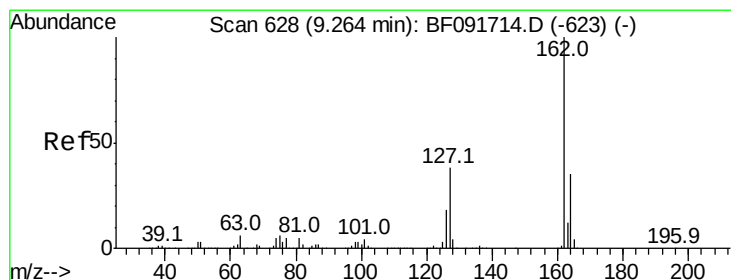
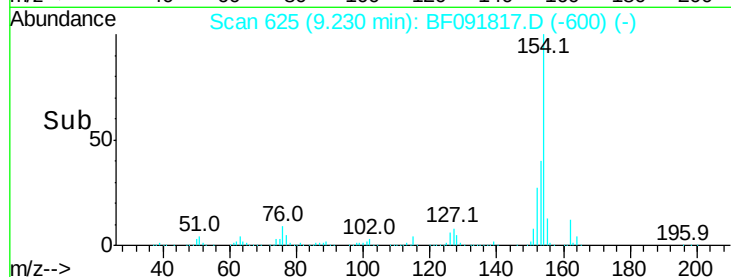
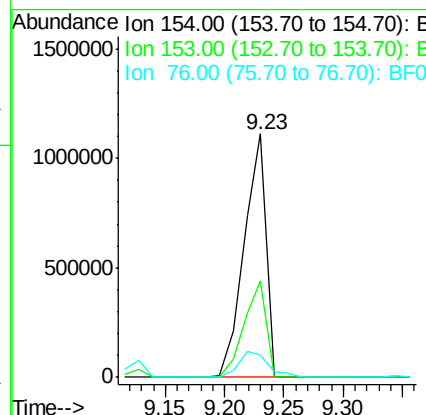
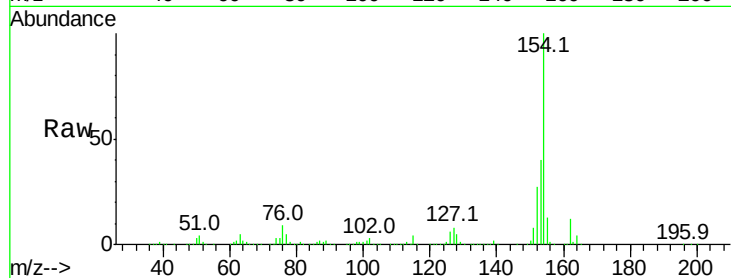


#45
 1,1'-Biphenyl
 Concen: 40.33 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95481BS

Tot Ion:154 Resp: 1423234

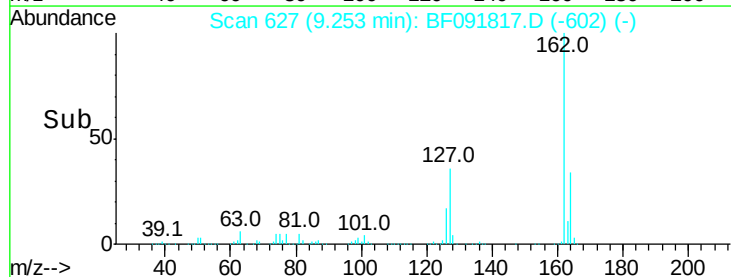
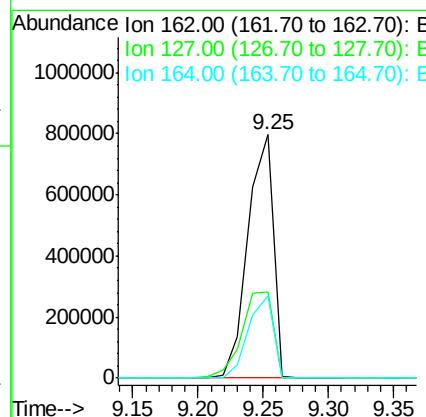
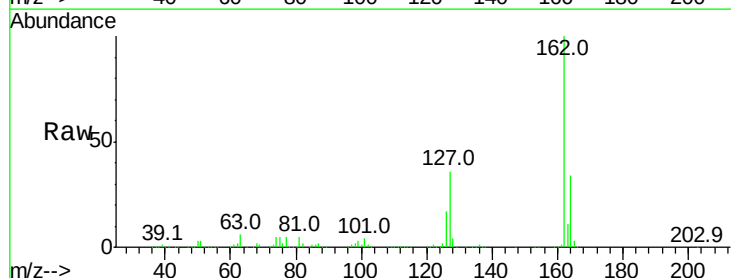
Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.9	60.9
76	8.9	0.0	30.5

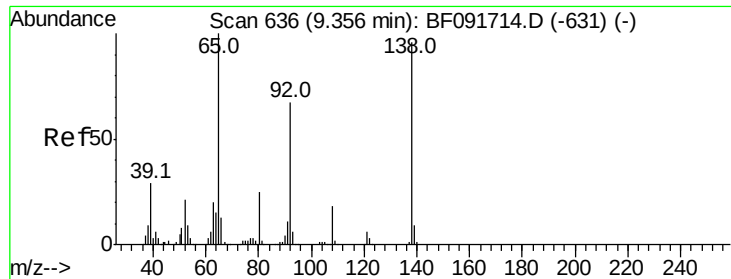


#46
 2-Chloronaphthalene
 Concen: 40.85 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Tgt Ion:162 Resp: 1077227

Ion	Ratio	Lower	Upper
162	100		
127	35.6	30.7	46.1
164	33.6	27.6	41.4

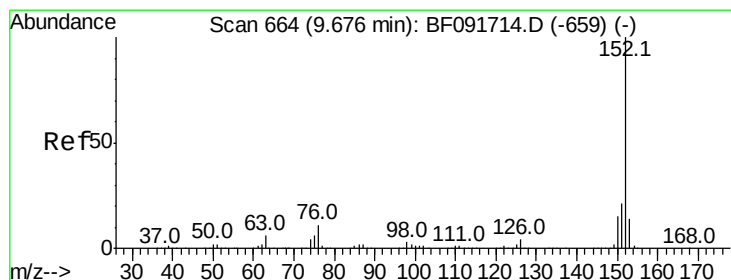
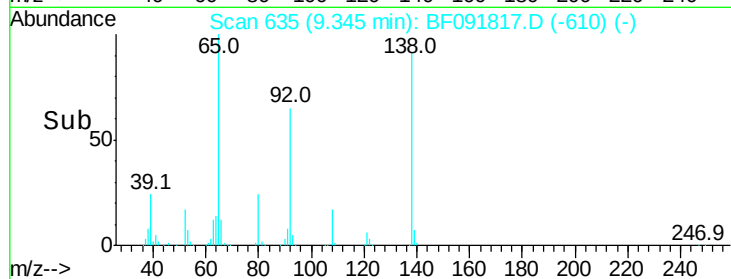
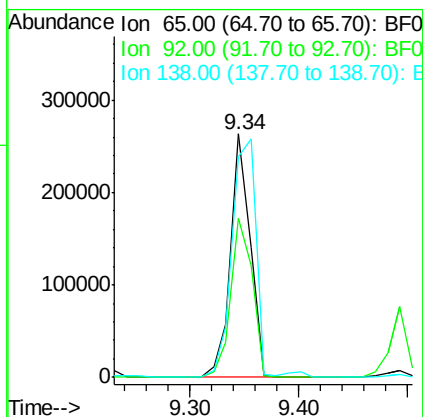
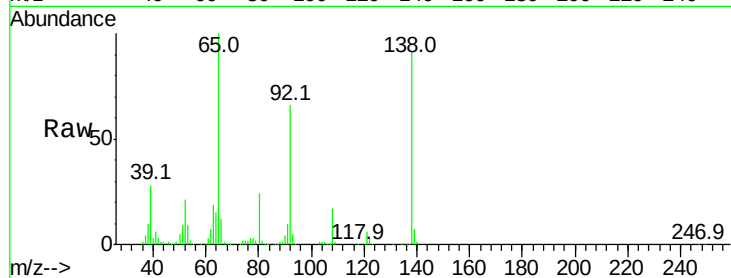




#47
2-Nitroaniline
Concen: 36.43 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

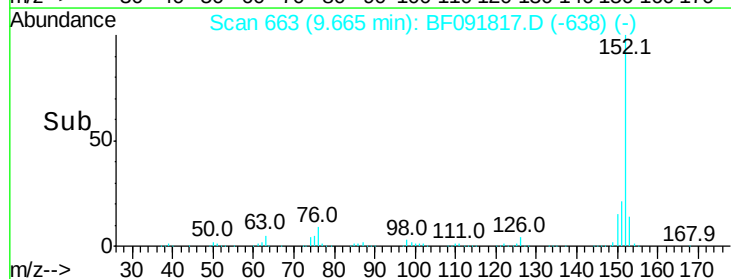
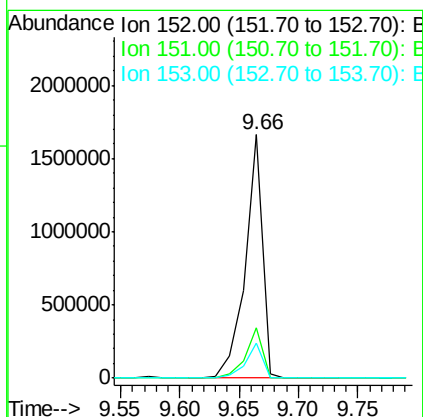
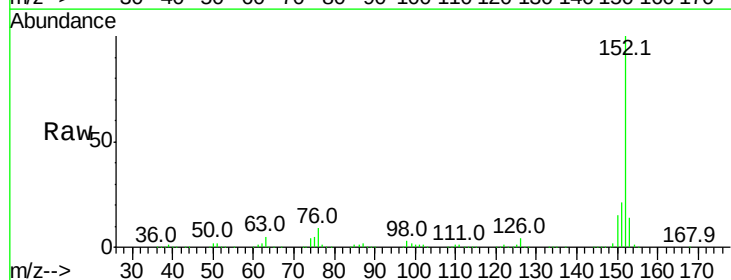
Instrument :
BNA_F
ClientSampleId :
PB95481BS

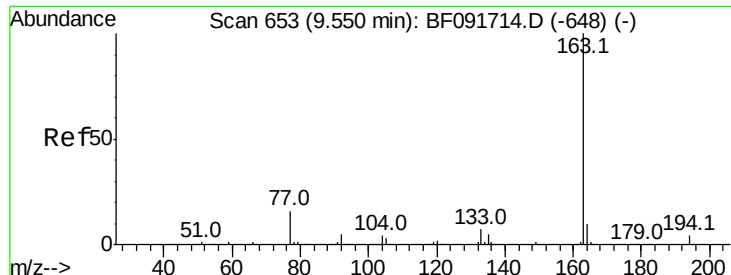
Tot Ion: 65 Resp: 328050
Ion Ratio Lower Upper
65 100
92 65.6 53.9 80.9
138 90.8 76.8 115.2



#48
Acenaphthylene
Concen: 41.28 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Tgt Ion: 152 Resp: 1686677
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 14.2 11.4 17.2





#49

Dimethylphthalate

Concen: 39.63 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

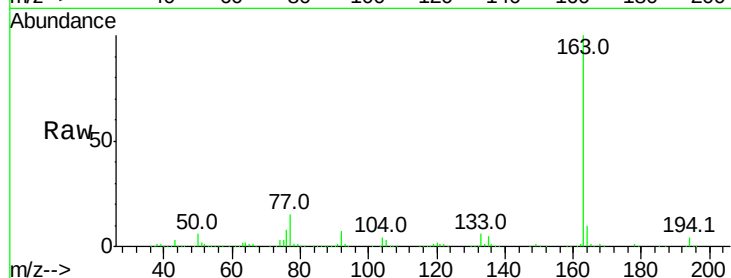
Tot Ion:163 Resp: 1274693

Ion Ratio Lower Upper

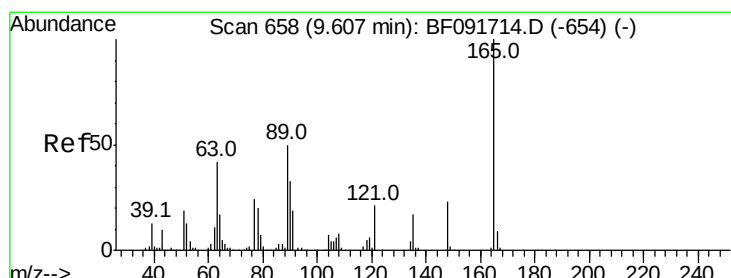
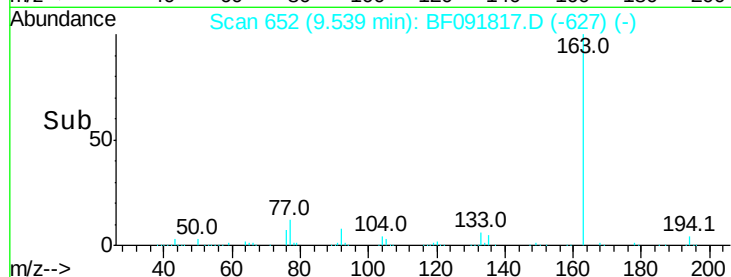
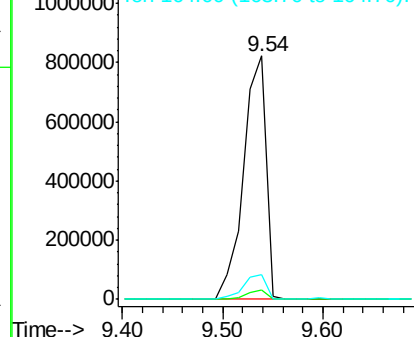
163 100

194 3.8 3.0 4.4

164 10.0 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 42.73 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

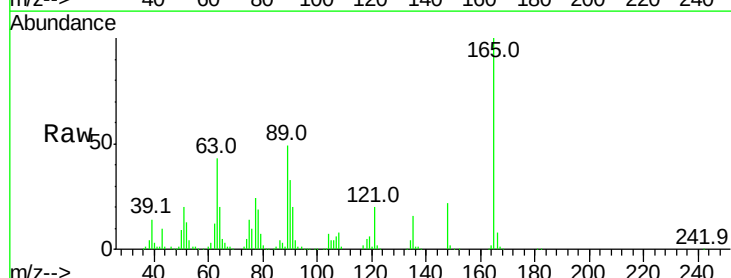
Tgt Ion:165 Resp: 301317

Ion Ratio Lower Upper

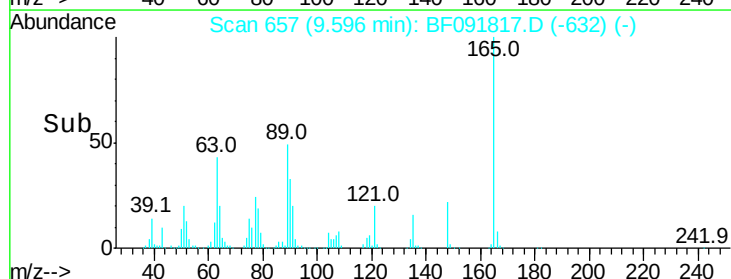
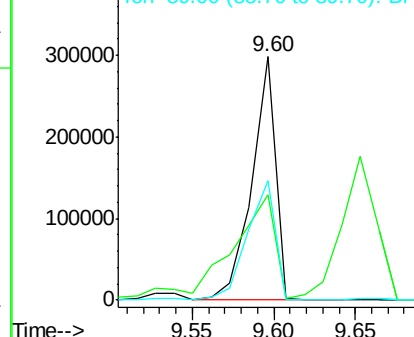
165 100

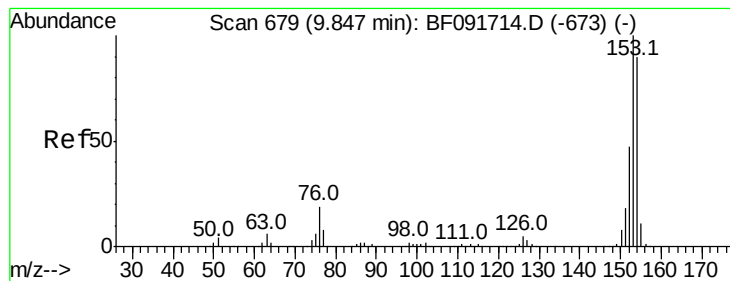
63 43.4 36.2 54.4

89 49.2 40.2 60.4



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





#51

Acenaphthene

Concen: 38.01 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

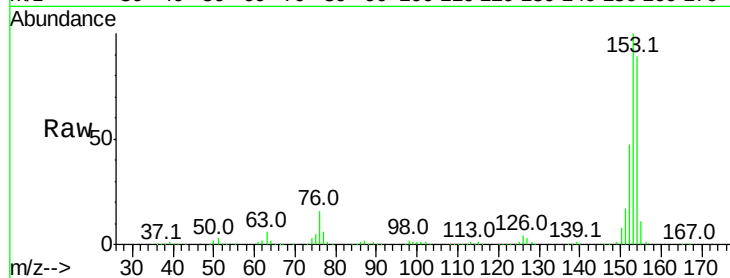
Tot Ion:154 Resp: 1065920

Ion Ratio Lower Upper

154 100

153 112.3 88.6 133.0

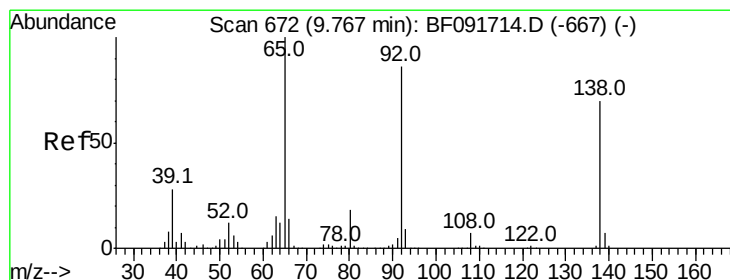
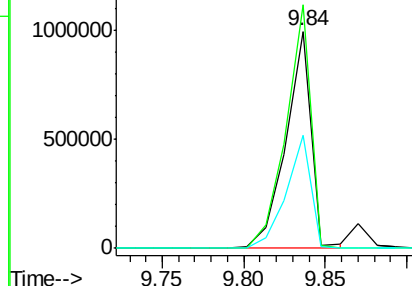
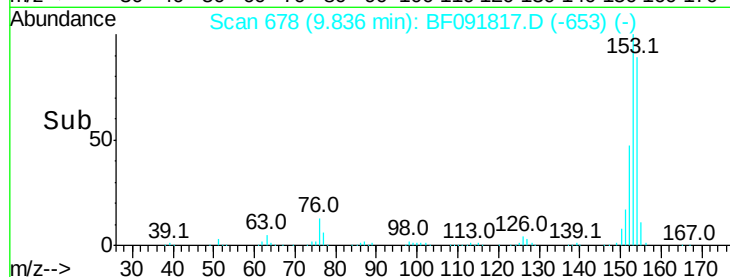
152 52.4 41.6 62.4



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: 7.25 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

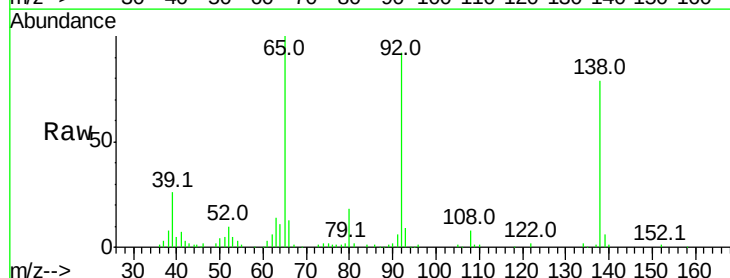
Tgt Ion:138 Resp: 63675

Ion Ratio Lower Upper

138 100

108 9.5 8.5 12.7

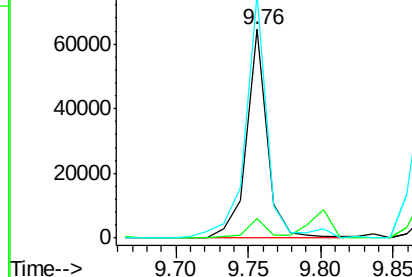
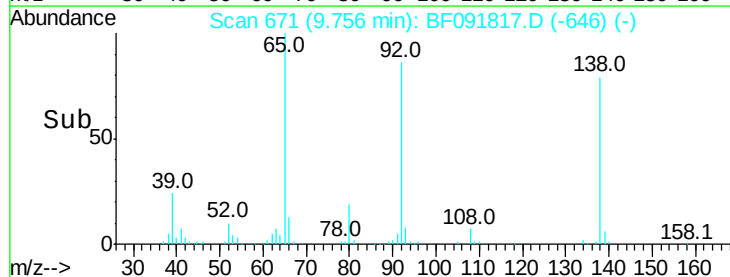
92 116.7 97.8 146.8

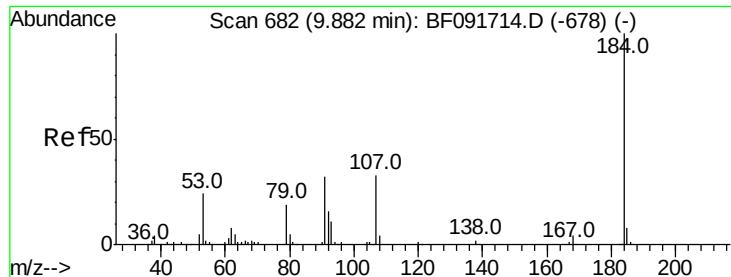


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

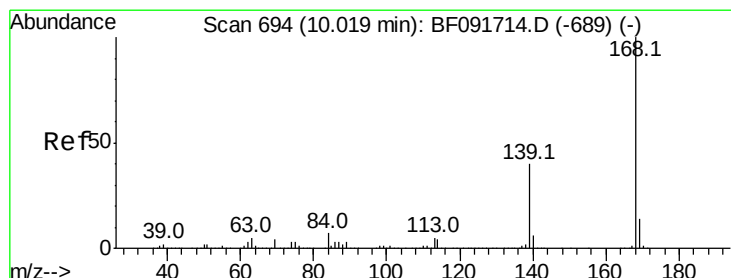
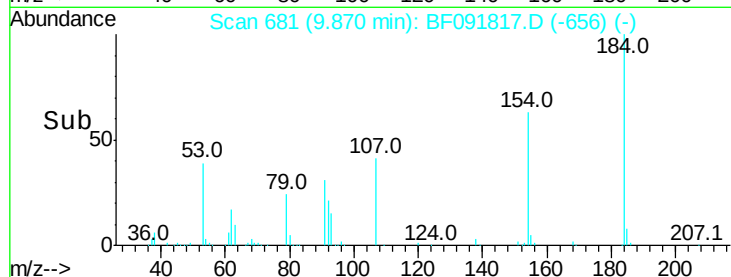
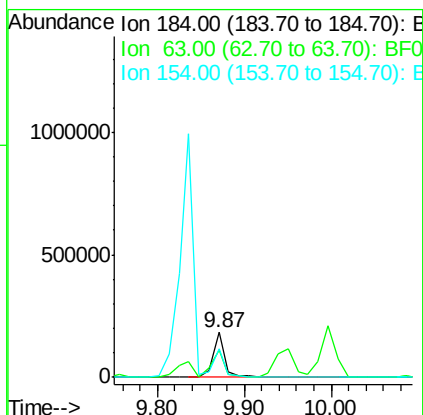
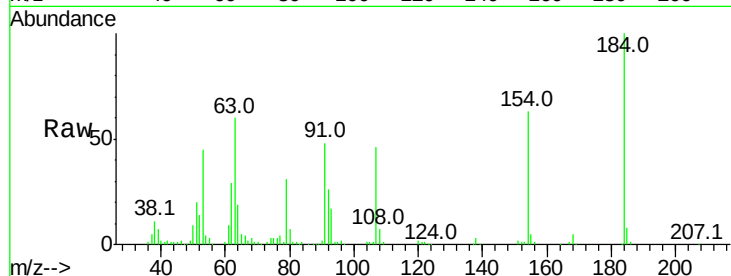




#53
 2,4-Dinitrophenol
 Concen: 47.42 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

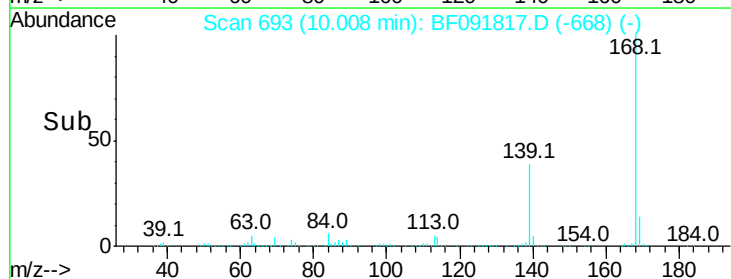
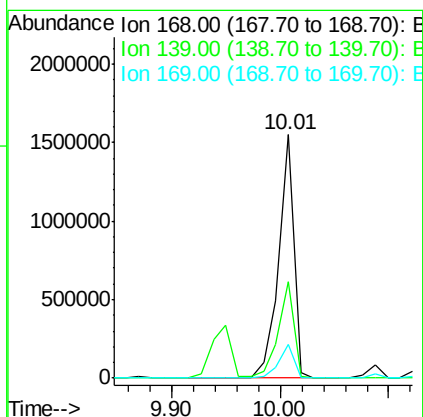
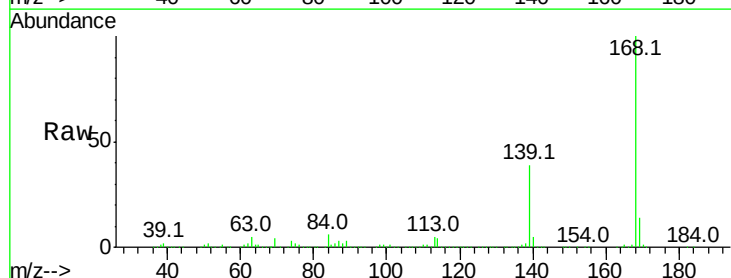
Instrument :
 BNA_F
 ClientSampleId :
 PB95481BS

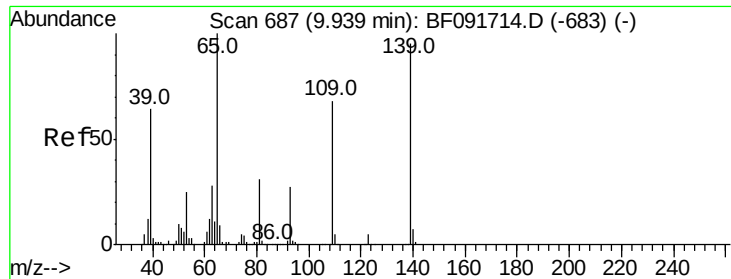
Tot Ion:184 Resp: 180649
 Ion Ratio Lower Upper
 184 100
 63 59.6 28.4 42.6#
 154 62.8 44.3 66.5



#54
 Dibenzofuran
 Concen: 44.91 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Tgt Ion:168 Resp: 1497667
 Ion Ratio Lower Upper
 168 100
 139 39.4 32.6 49.0
 169 13.9 11.3 16.9





#55

4-Nitrophenol

Concen: 71.90 ng

RT: 9.95 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

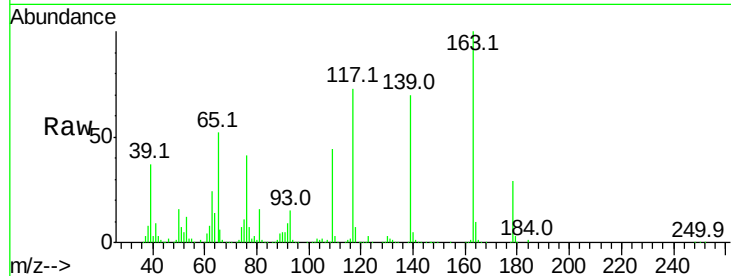
Tot Ion:139 Resp: 438367

Ion Ratio Lower Upper

139 100

109 63.0 52.2 92.2

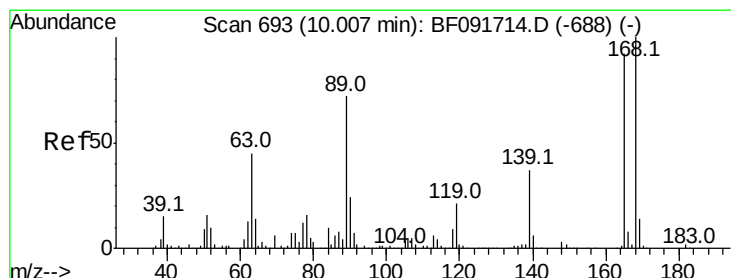
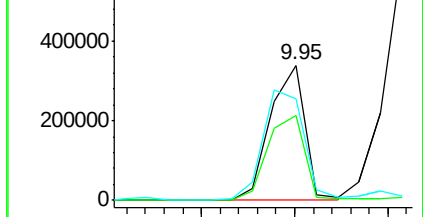
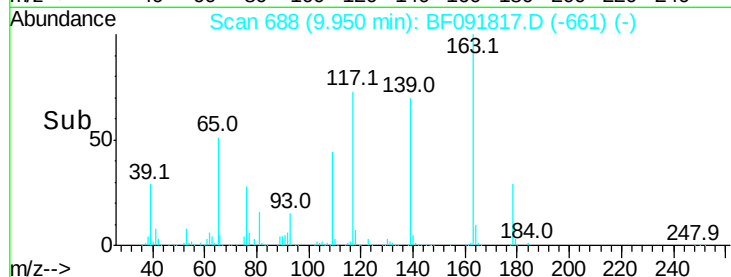
65 74.8 85.8 125.8#



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: 40.86 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Tgt Ion:165 Resp: 359874

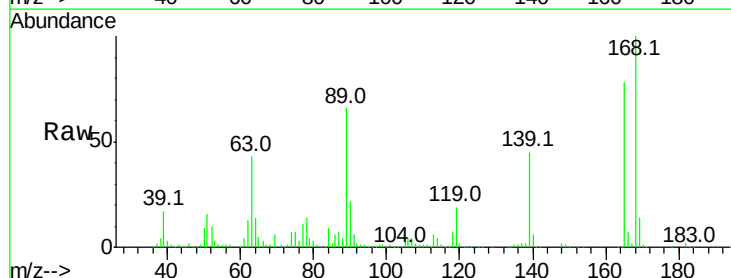
Ion Ratio Lower Upper

165 100

63 55.7 40.2 60.4

89 85.2 62.5 93.7

182 2.2 1.8 2.8

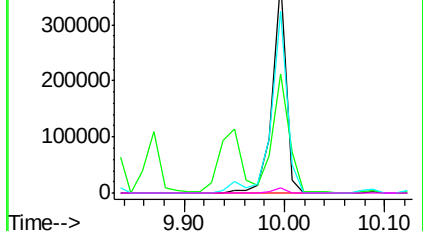
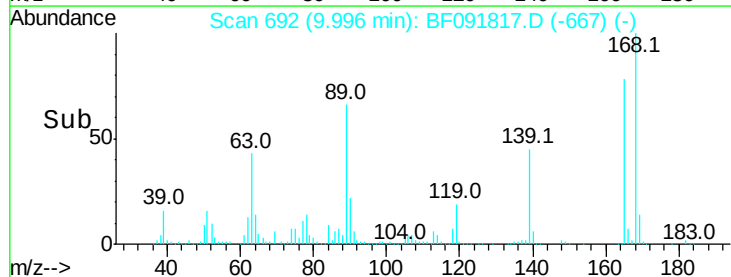


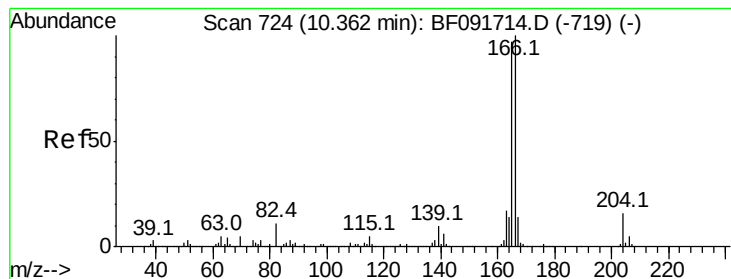
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.44 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

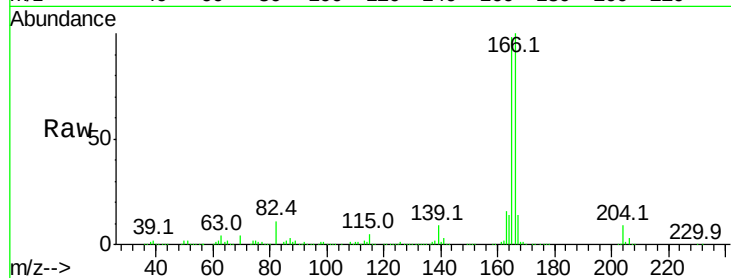
Tot Ion:166 Resp: 1151008

Ion Ratio Lower Upper

166 100

165 98.1 77.8 116.8

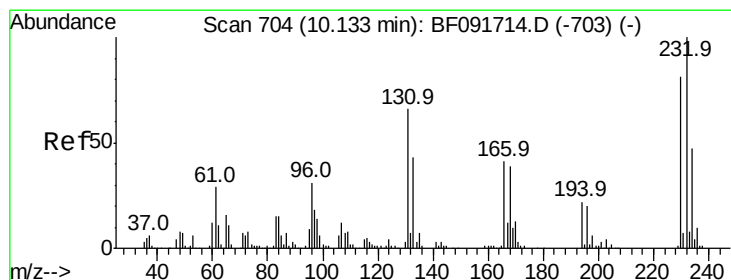
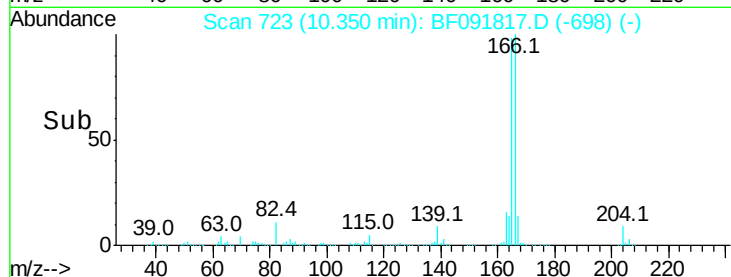
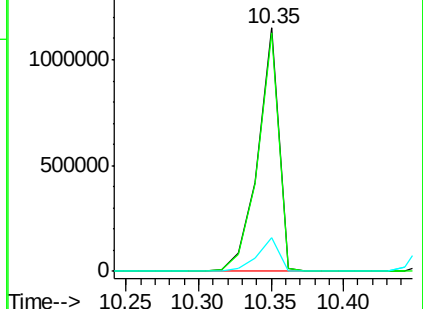
167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.52 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Tgt Ion:232 Resp: 295744

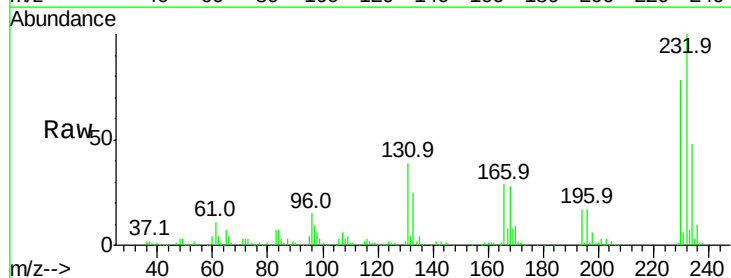
Ion Ratio Lower Upper

232 100

131 46.7 40.1 60.1

130 2.2 1.8 2.8

166 31.1 26.6 39.8

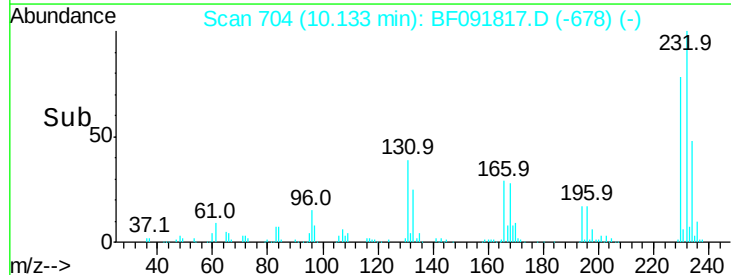
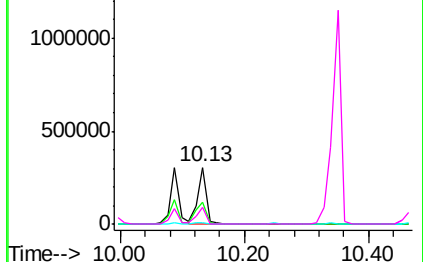


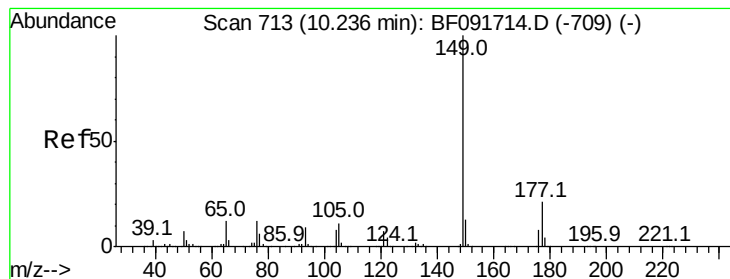
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.66 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampled :

PB95481BS

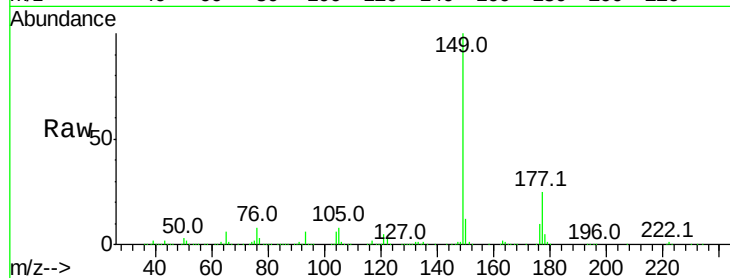
Tot Ion:149 Resp: 1222249

Ion Ratio Lower Upper

149 100

177 24.7 16.6 25.0

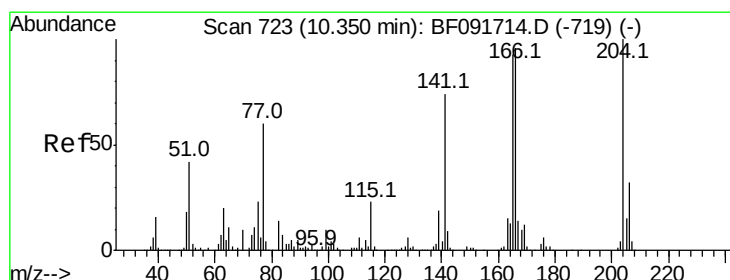
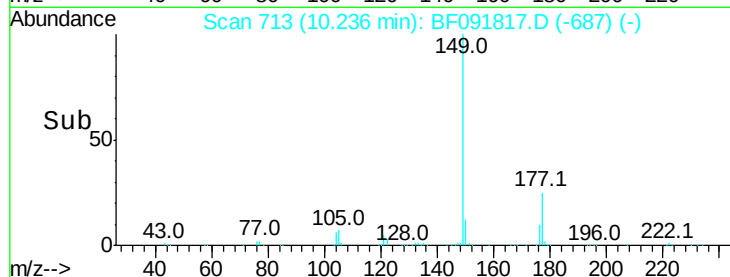
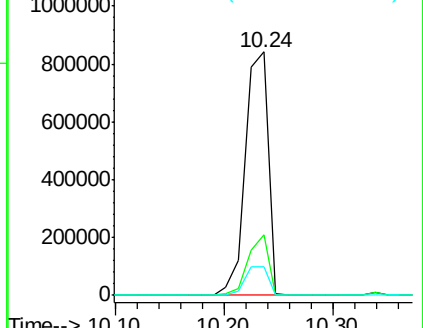
150 11.9 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.62 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

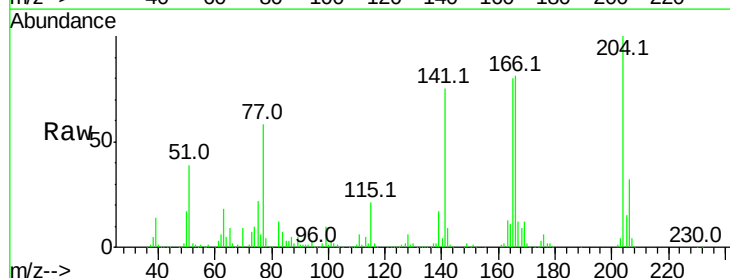
Tgt Ion:204 Resp: 467456

Ion Ratio Lower Upper

204 100

206 32.5 25.8 38.6

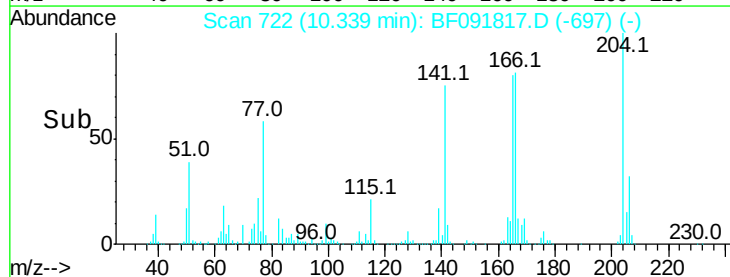
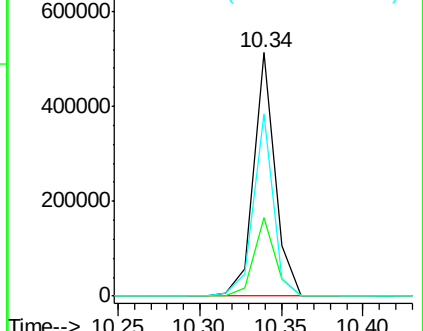
141 74.6 59.4 89.0

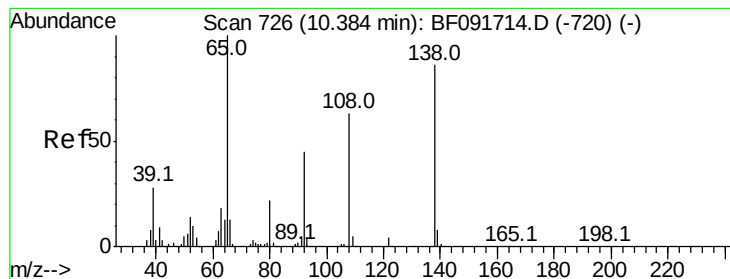


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 30.13 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

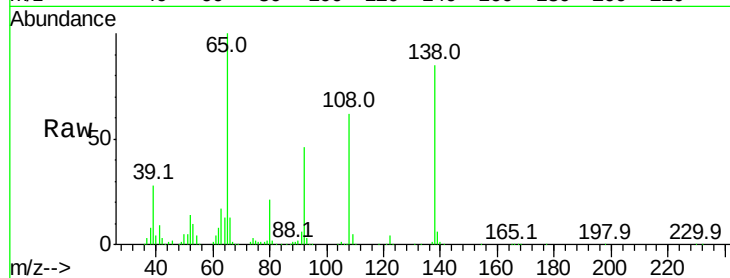
Tot Ion:138 Resp: 250635

Ion Ratio Lower Upper

138 100

92 53.6 31.7 71.7

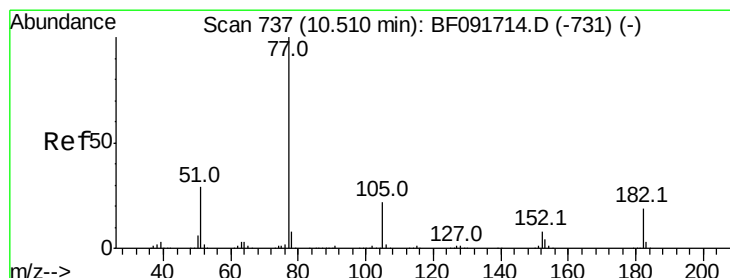
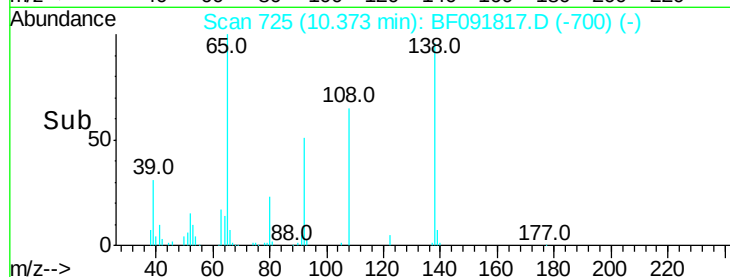
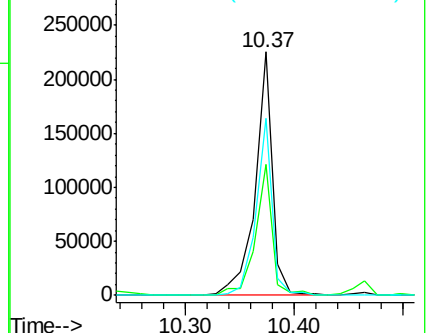
108 72.6 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.98 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Tgt Ion: 77 Resp: 1378630

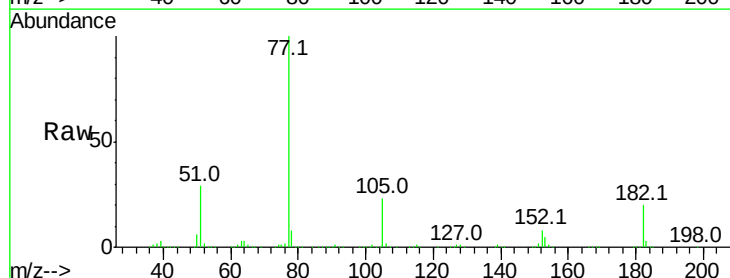
Ion Ratio Lower Upper

77 100

182 19.8 0.0 39.3

105 23.1 2.3 42.3

51 28.7 8.9 48.9

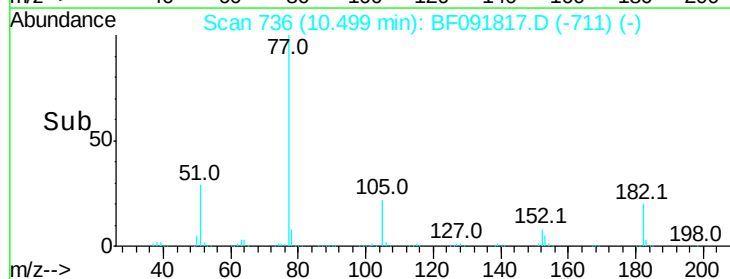
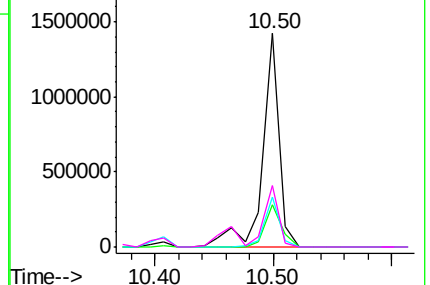


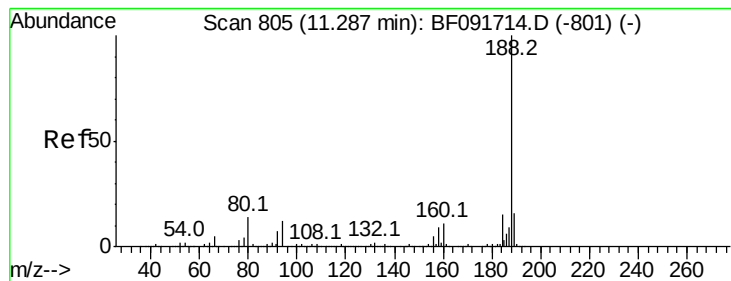
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.28 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

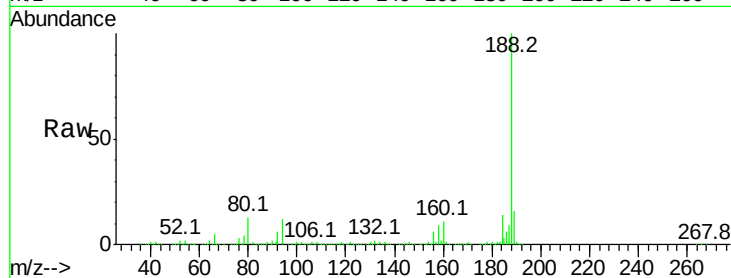
Tot Ion:188 Resp: 783632

Ion Ratio Lower Upper

188 100

94 12.0 10.0 15.0

80 13.4 11.2 16.8

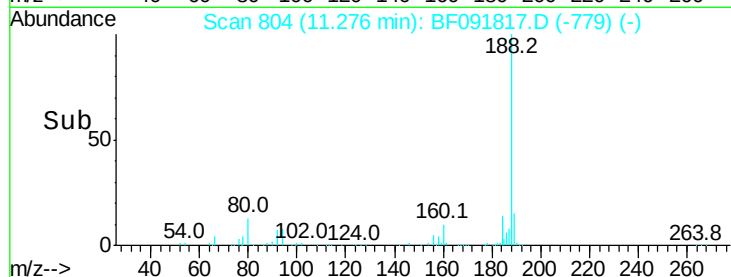


Abundance Ion 188.00 (187.70 to 188.70): E

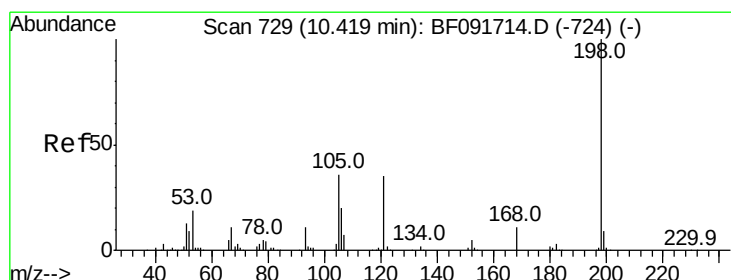
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 31.11 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

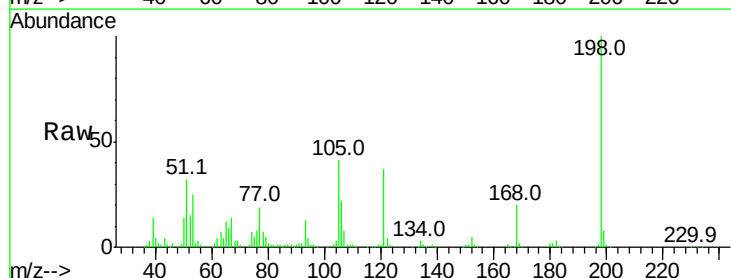
Tgt Ion:198 Resp: 160769

Ion Ratio Lower Upper

198 100

51 32.2 6.7 46.7

105 40.7 16.6 56.6

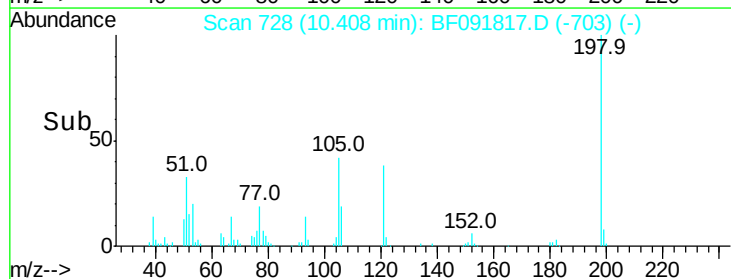


Abundance Ion 198.00 (197.70 to 198.70): E

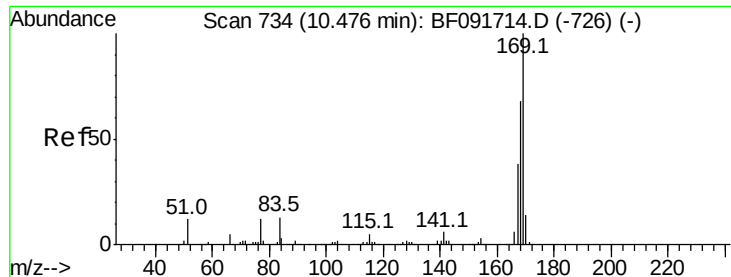
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#65

n-Nitrosodiphenylamine

Concen: 42.72 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

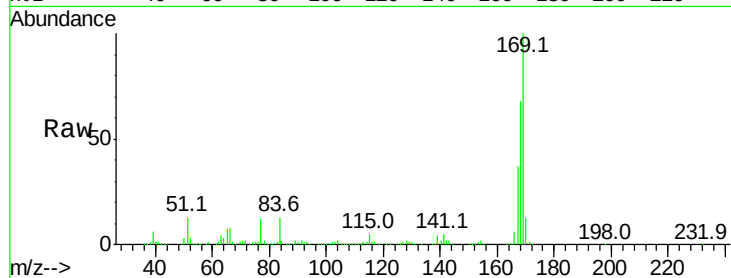
BNA_F

ClientSampleId :

PB95481BS

Tot Ion:169 Resp: 1039487

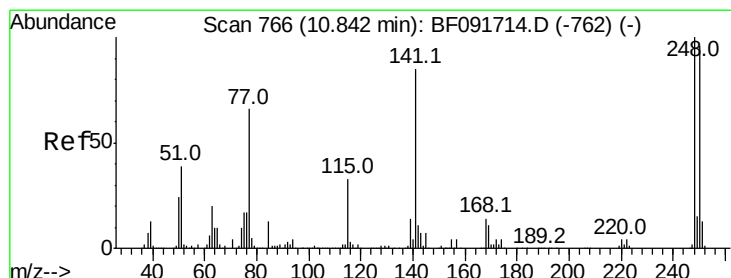
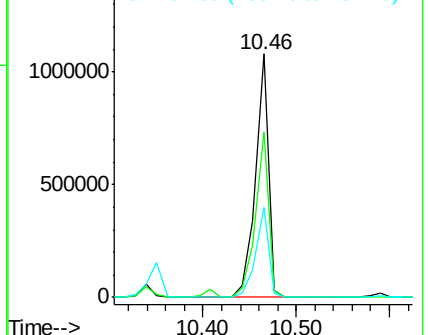
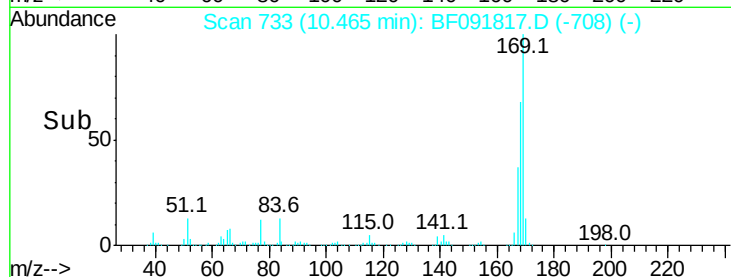
Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.2	81.2
167	37.1	30.2	45.4



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: 40.97 ng

RT: 10.83 min Scan# 765

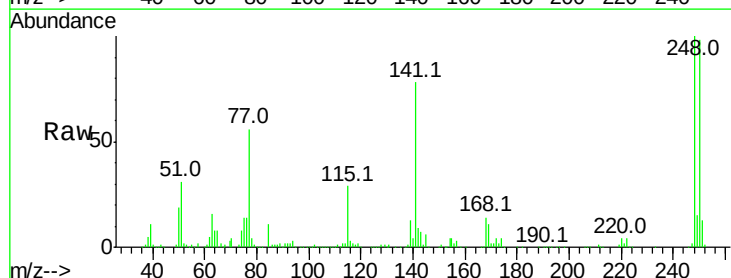
Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Tgt Ion:248 Resp: 336627

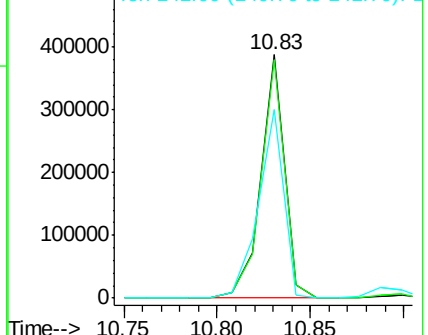
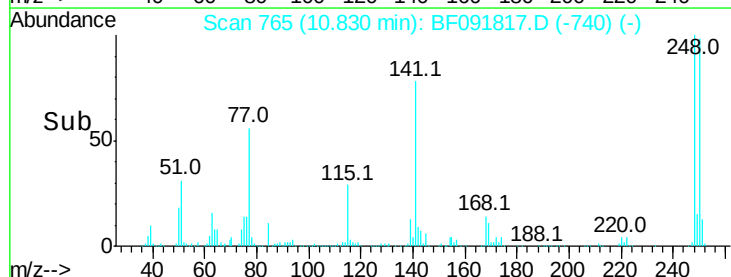
Ion	Ratio	Lower	Upper
248	100		
250	97.8	76.9	115.3
141	77.6	68.2	102.4

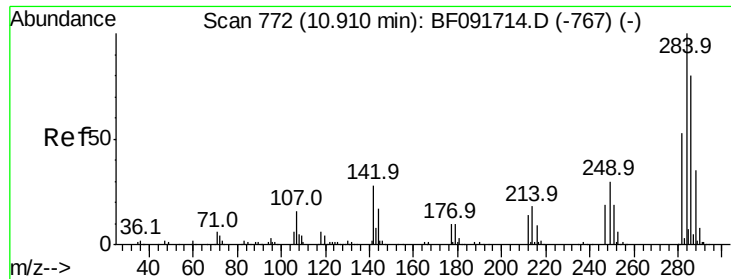


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.13 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

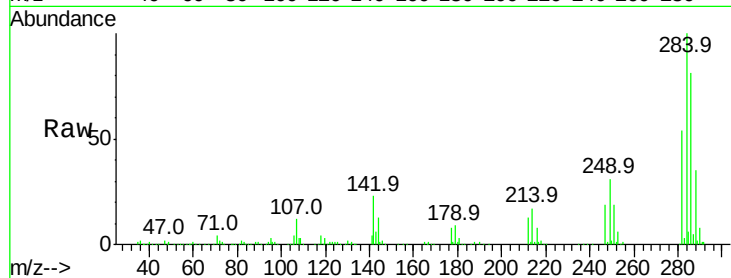
Tot Ion:284 Resp: 354181

Ion Ratio Lower Upper

284 100

142 22.8 22.6 33.8

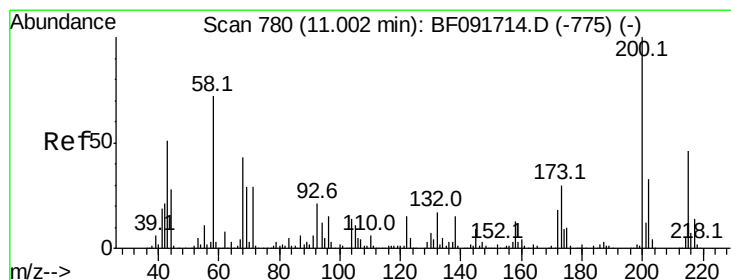
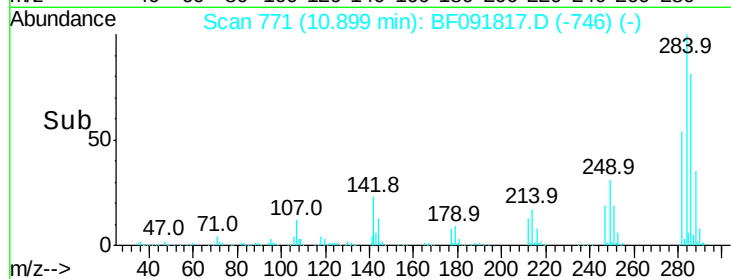
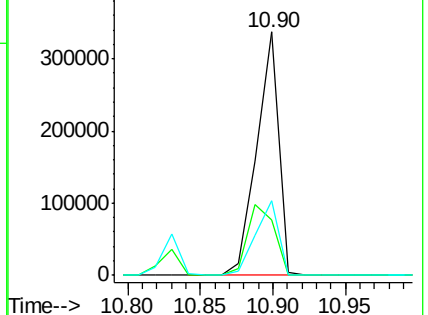
249 30.7 25.4 38.0



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: 45.82 ng

RT: 11.00 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

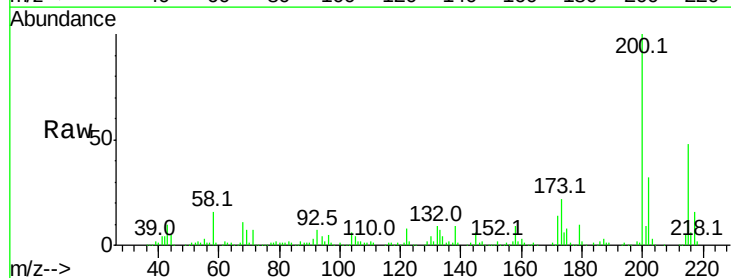
Tgt Ion:200 Resp: 336921

Ion Ratio Lower Upper

200 100

173 22.4 9.6 49.6

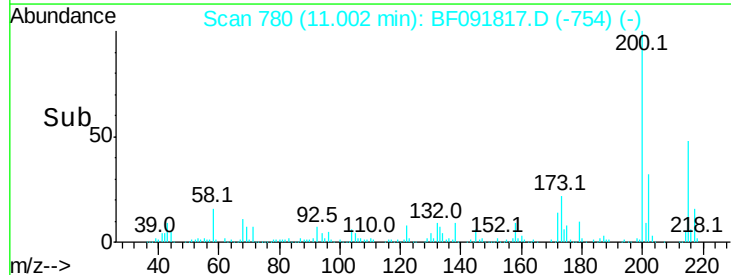
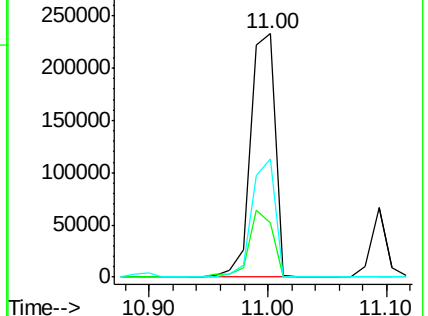
215 48.3 25.7 65.7

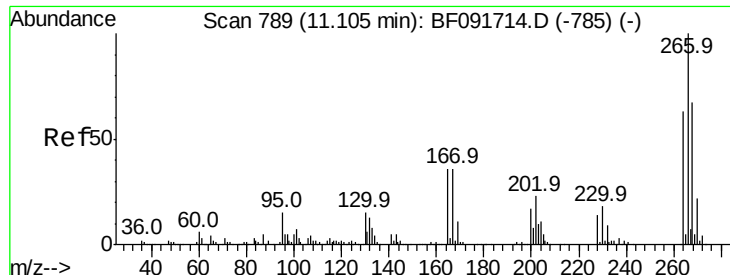


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

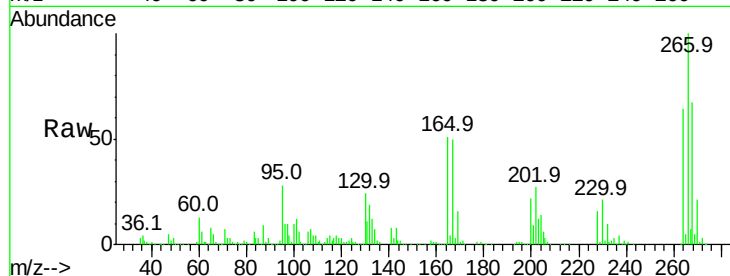




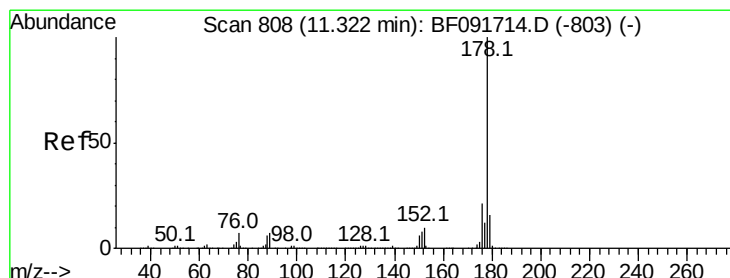
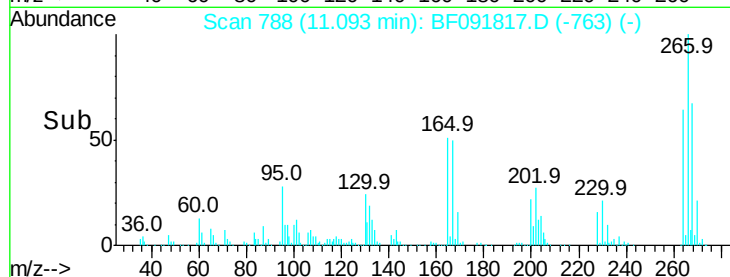
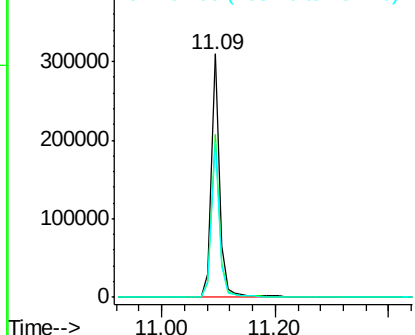
#69
 Pentachlorophenol
 Concen: 65.43 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95481BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.0	53.3	79.9
264	63.8	50.3	75.5

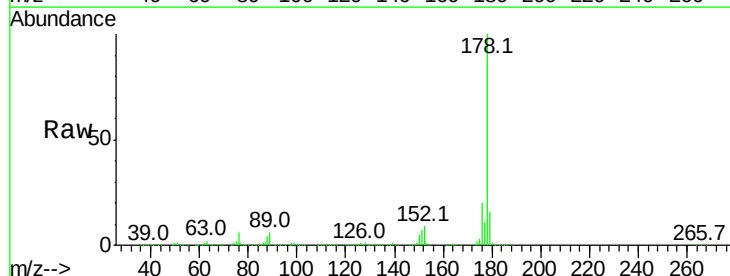


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

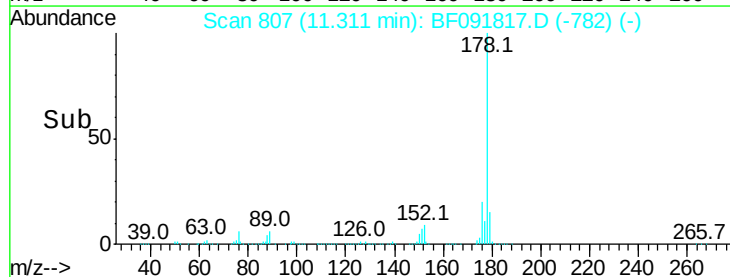
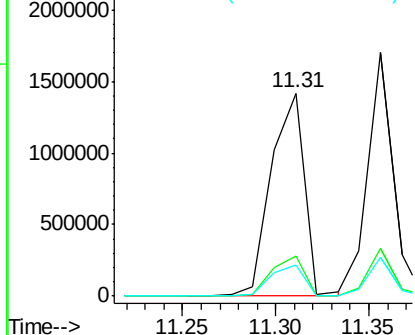


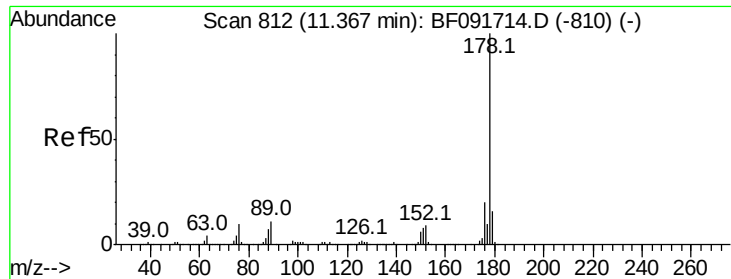
#70
 Phenanthrene
 Concen: 44.73 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	15.5	12.8	19.2



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

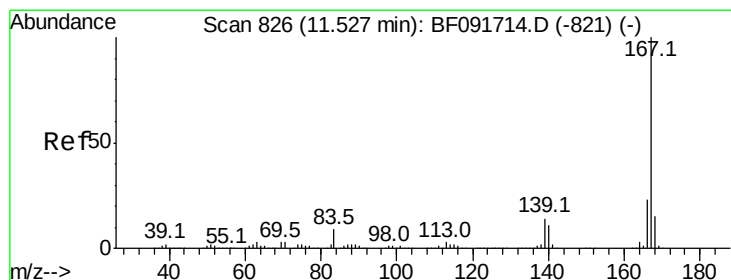
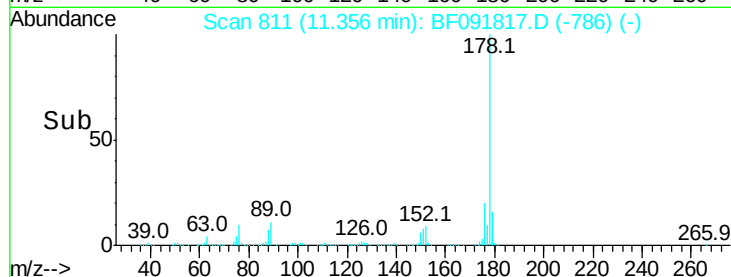
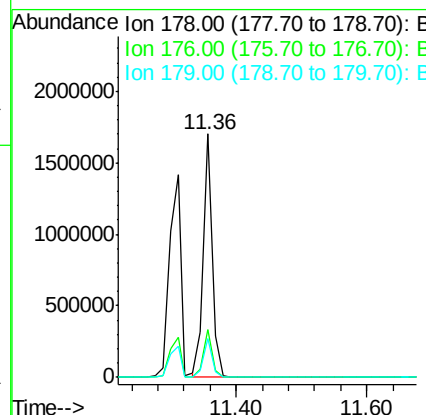
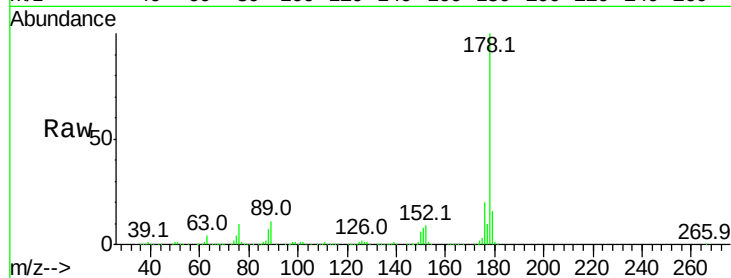




#71
 Anthracene
 Concen: 38.51 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

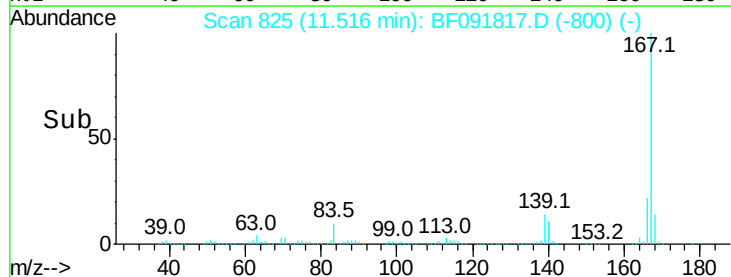
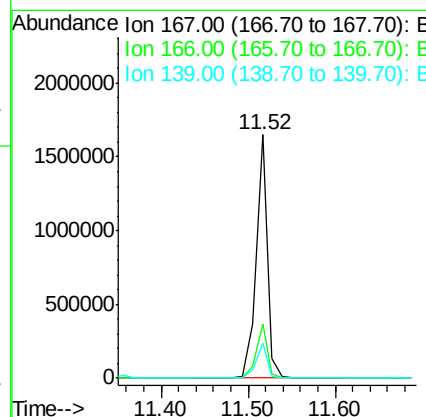
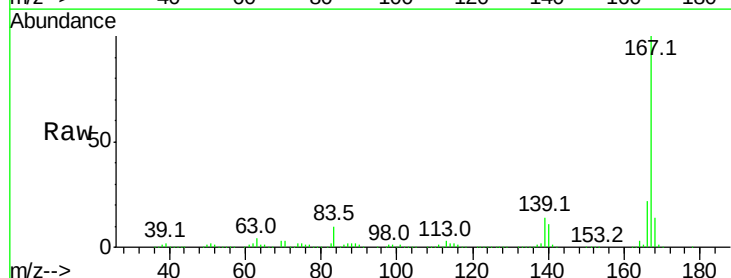
Instrument :
 BNA_F
 ClientSampleId :
 PB95481BS

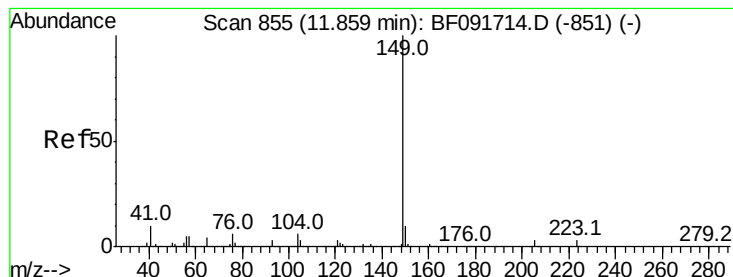
Tot Ion:178 Resp: 1597012
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 16.2 13.2 19.8



#72
 Carbazole
 Concen: 41.52 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Tgt Ion:167 Resp: 1505701
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 14.4 11.4 17.2





#73

Di-n-butylphthalate

Concen: 37.93 ng

RT: 11.85 min Scan# 854

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

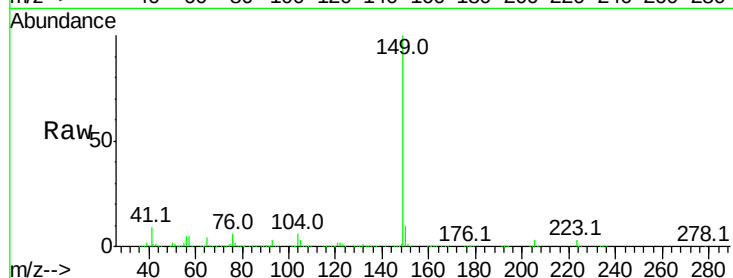
Tot Ion:149 Resp: 1763587

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

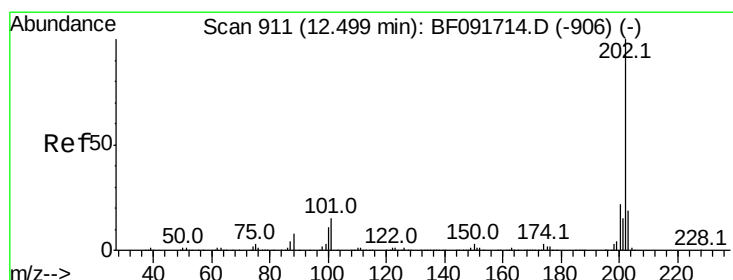
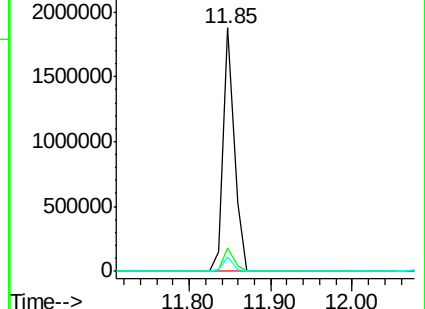
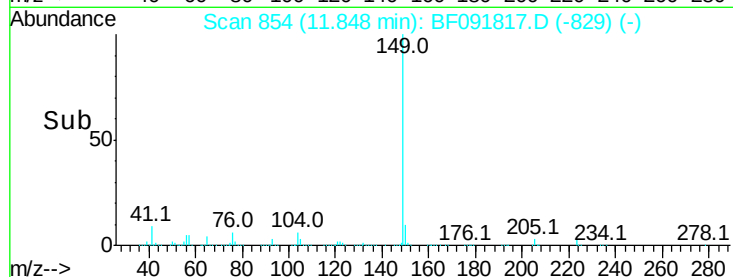
104 5.7 4.6 7.0



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: 39.31 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

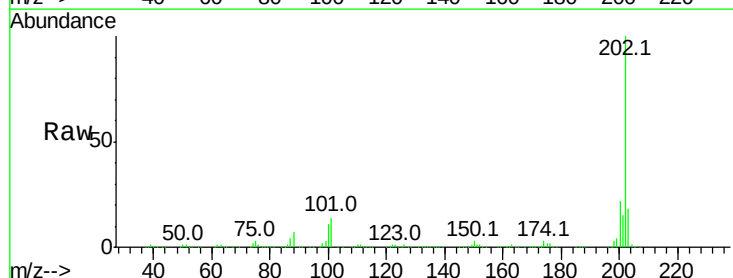
Tgt Ion:202 Resp: 1607648

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.6

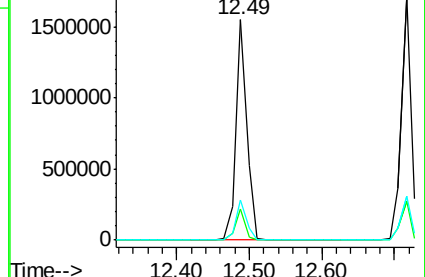
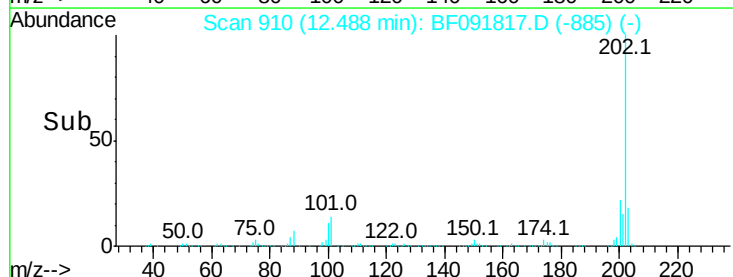
203 18.0 0.0 38.7

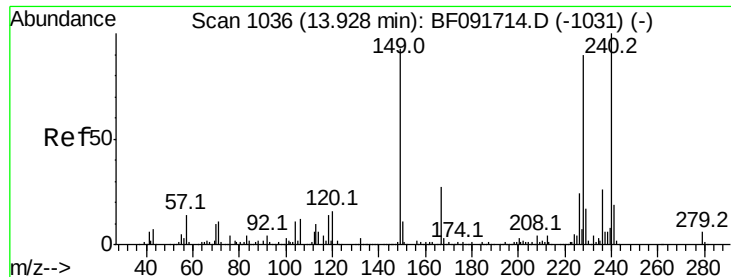


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

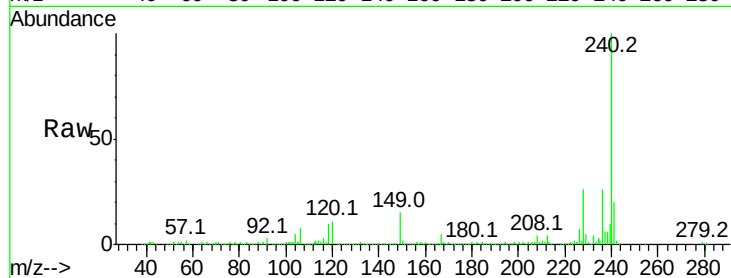
Tot Ion:240 Resp: 610741

Ion Ratio Lower Upper

240 100

120 11.3 12.9 19.3#

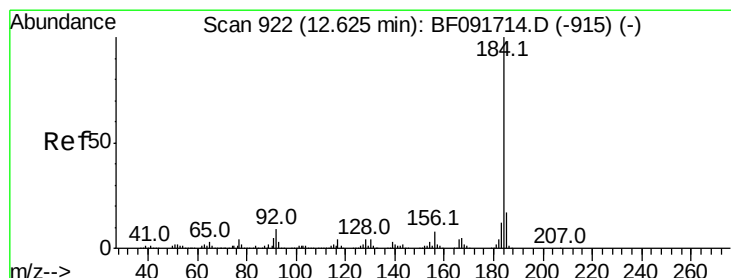
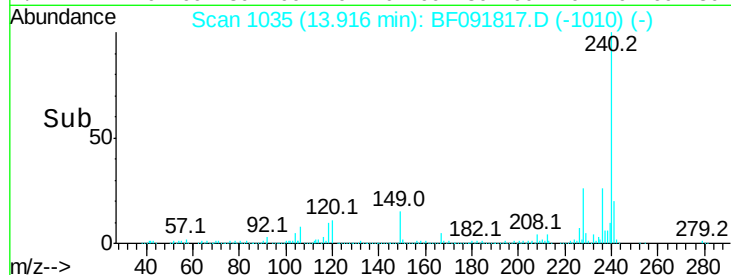
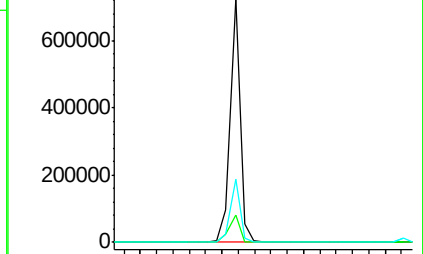
236 25.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.57 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

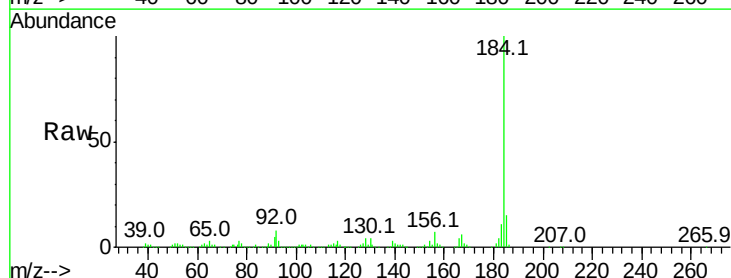
Tgt Ion:184 Resp: 273674

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

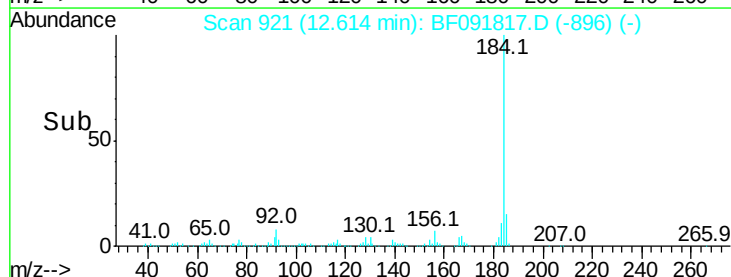
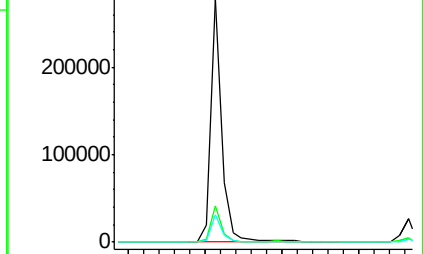
183 11.0 9.2 13.8

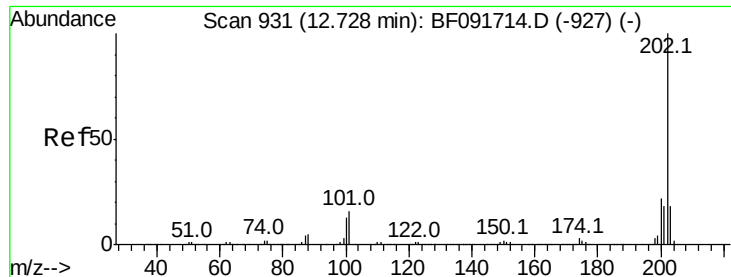


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

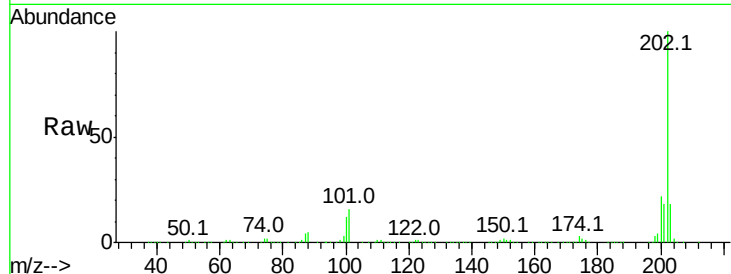




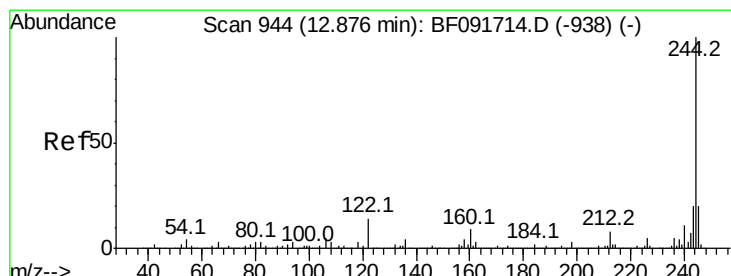
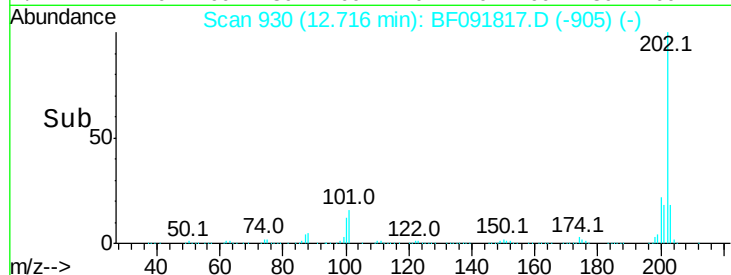
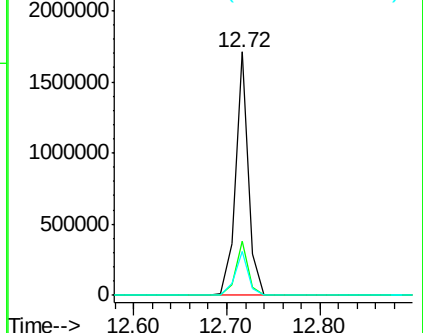
#77
Pvrene
Concen: 37.20 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB95481BS

Tot Ion:202 Resp: 1640544
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 18.3 14.7 22.1

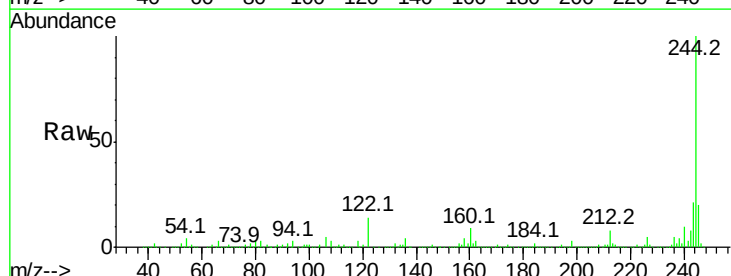


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

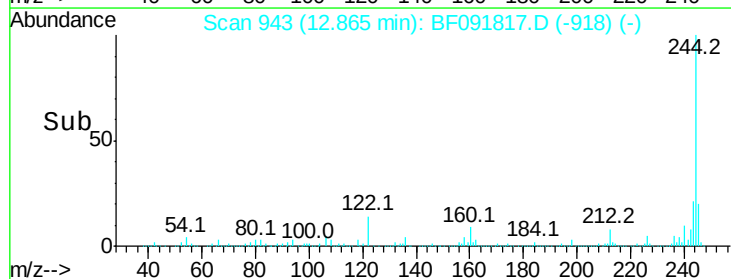
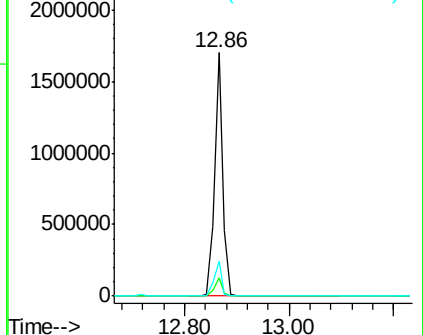


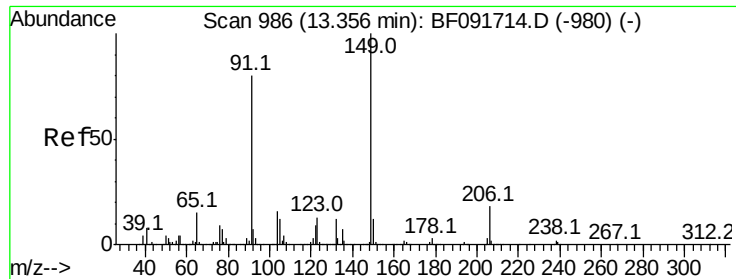
#78
Terphenyl-d14
Concen: 76.23 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Tgt Ion:244 Resp: 1843985
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 14.3 11.4 17.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

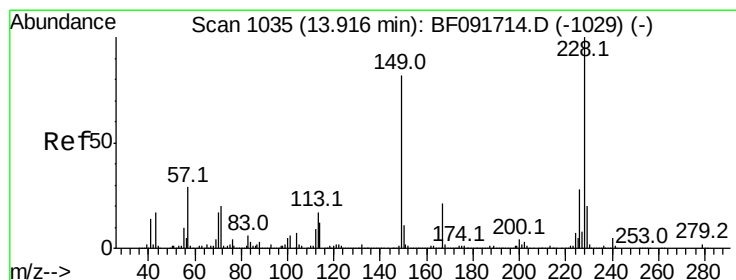
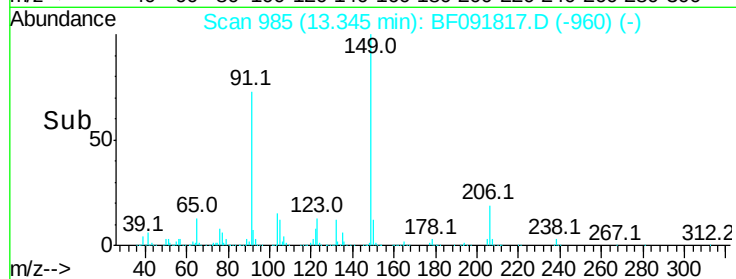
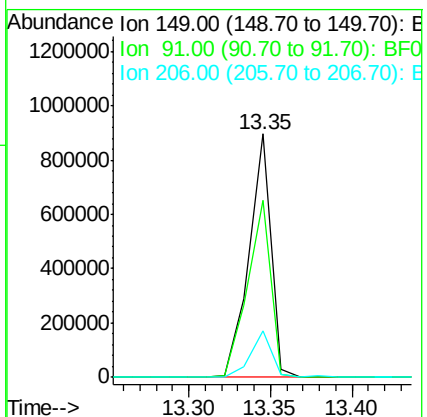
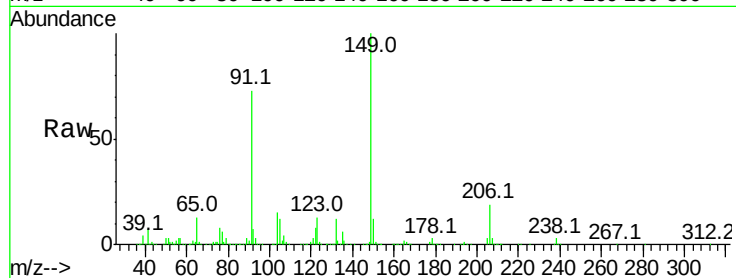




#79
Butylbenzylphthalate
Concen: 40.64 ng
RT: 13.35 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

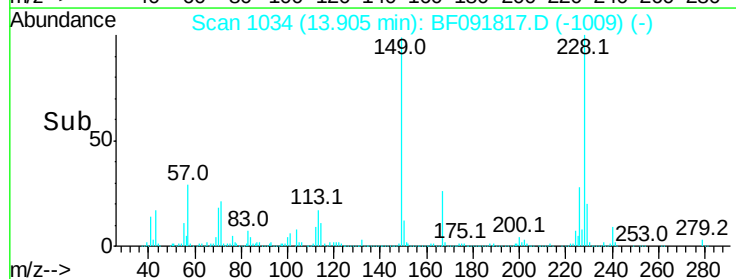
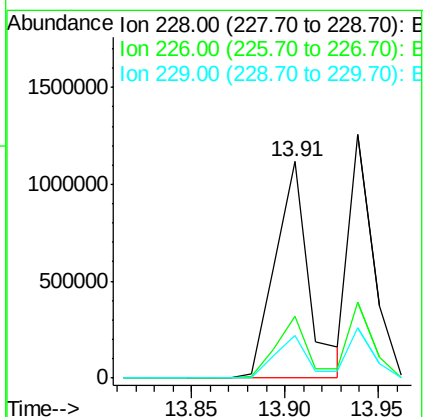
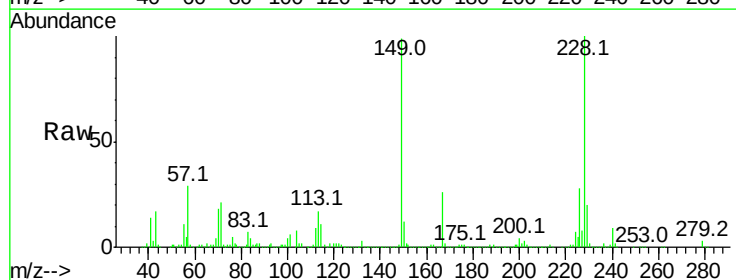
Instrument :
BNA_F
ClientSampleId :
PB95481BS

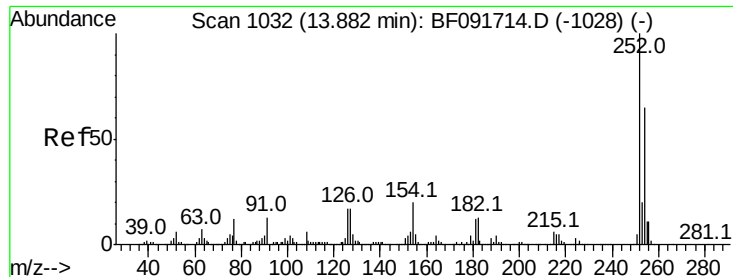
Tot Ion:149 Resp: 838890
Ion Ratio Lower Upper
149 100
91 73.0 63.9 95.9
206 19.1 14.6 21.8



#80
Benzo(a)anthracene
Concen: 40.28 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Tgt Ion:228 Resp: 1407203
Ion Ratio Lower Upper
228 100
226 28.4 22.4 33.6
229 19.8 16.2 24.4

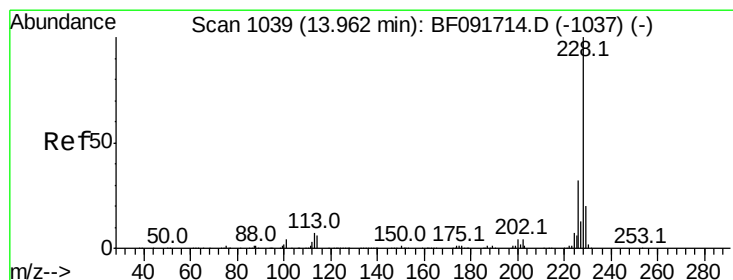
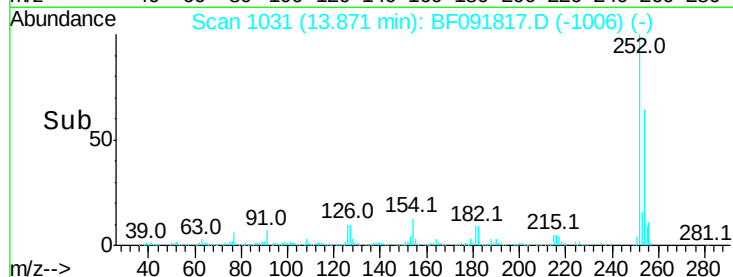
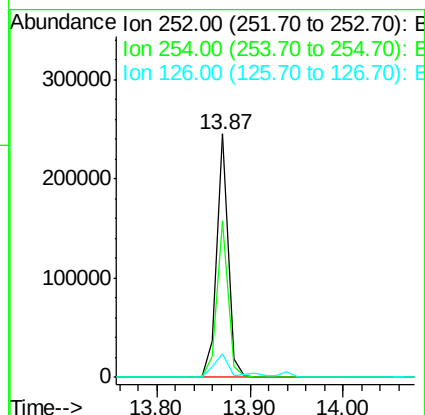
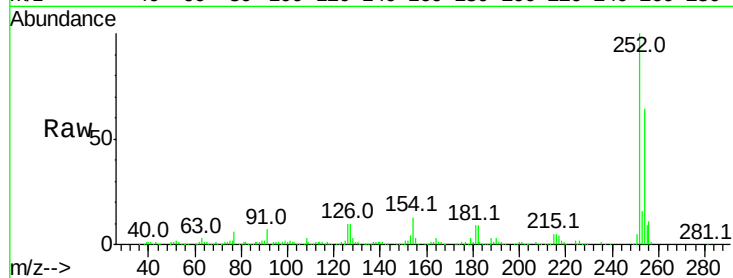




#81
 3,3'-Dichlorobenzidine
 Concen: 14.99 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

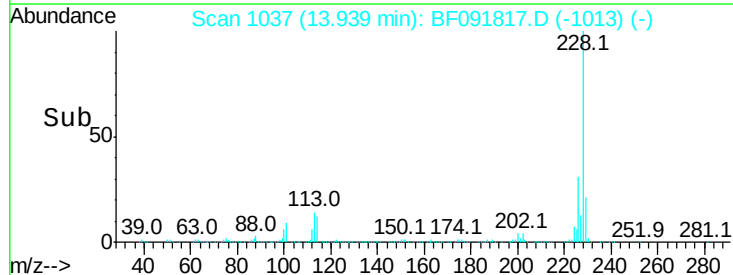
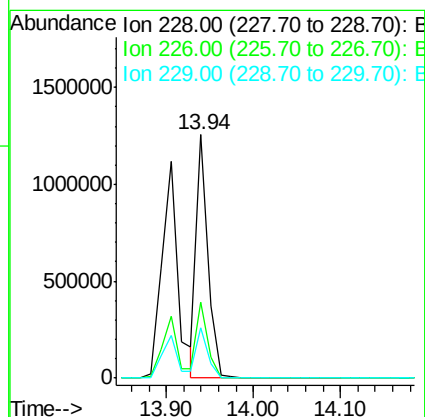
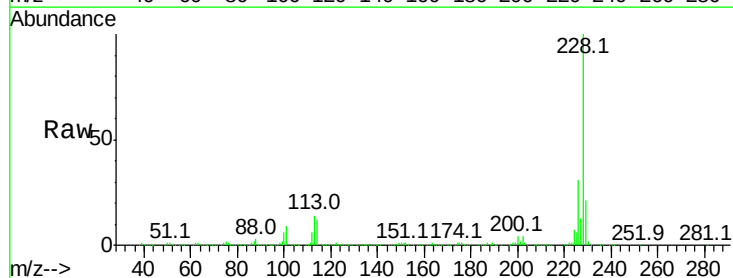
Instrument :
 BNA_F
 ClientSampleId :
 PB95481BS

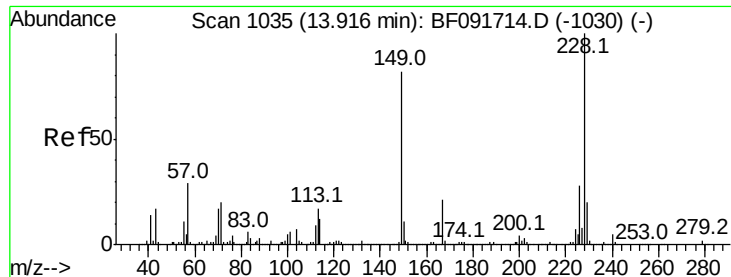
Tot Ion:252 Resp: 209589
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.3 78.5
 126 9.7 13.6 20.4#



#82
 Chrysene
 Concen: 31.50 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Tgt Ion:228 Resp: 1140528
 Ion Ratio Lower Upper
 228 100
 226 31.0 25.4 38.0
 229 20.5 16.2 24.2

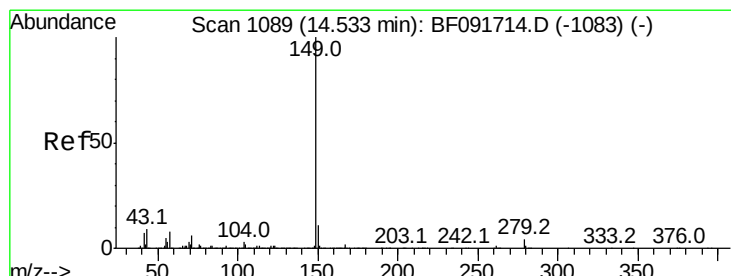
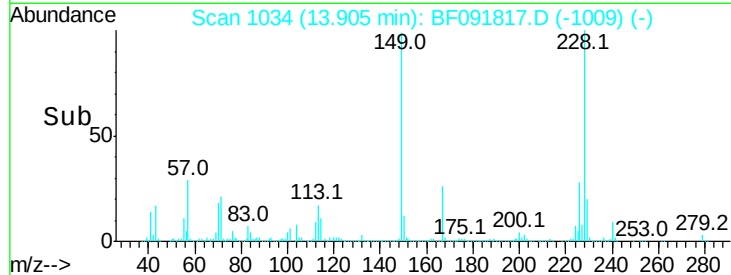
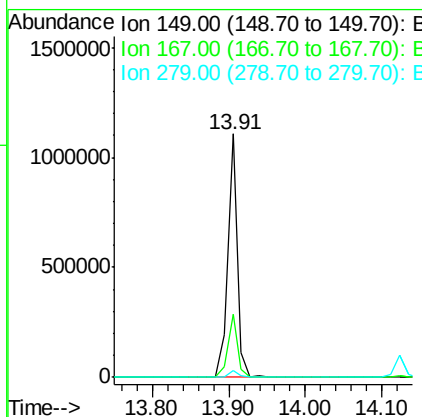
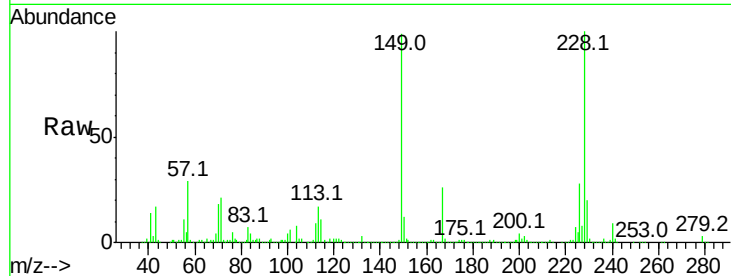




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.36 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

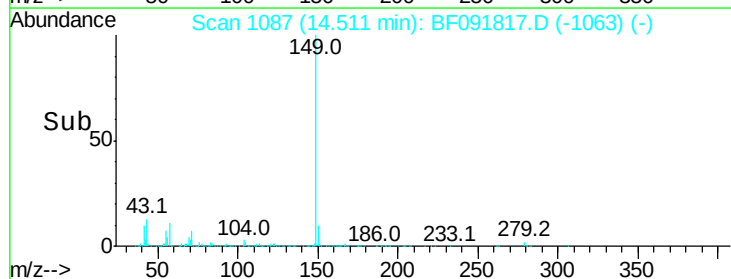
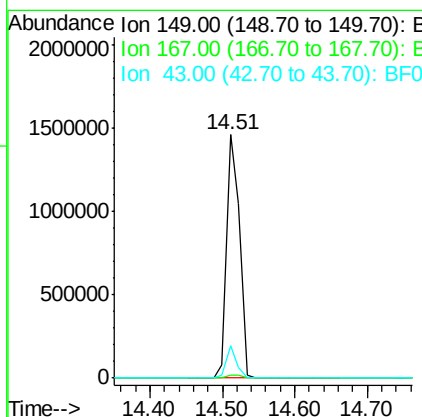
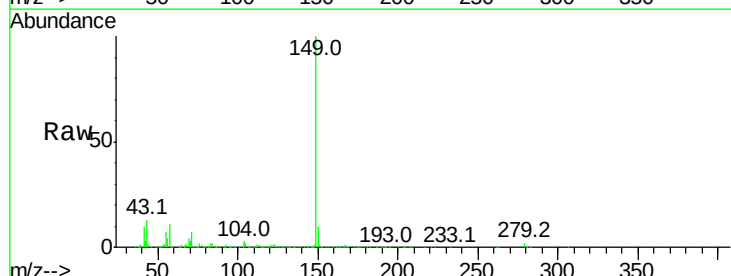
Instrument :
 BNA_F
 ClientSampleID :
 PB95481BS

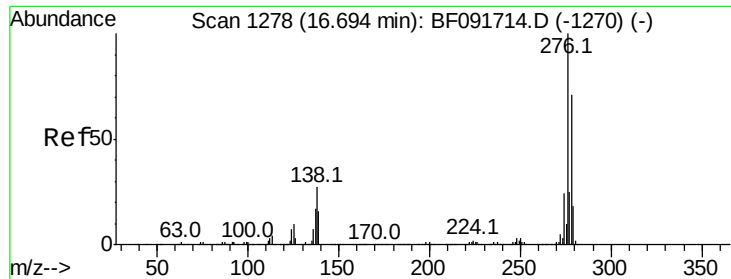
Tot Ion:149	Resp:	978234	
Ion Ratio	Lower	Upper	
149	100		
167	26.0	20.2	30.4
279	2.7	1.8	2.8



#84
 Di-n-octyl phthalate
 Concen: 37.25 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.02 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Tgt	Ion:149	Resp:	1797335
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.6	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.57 ng

RT: 16.66 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

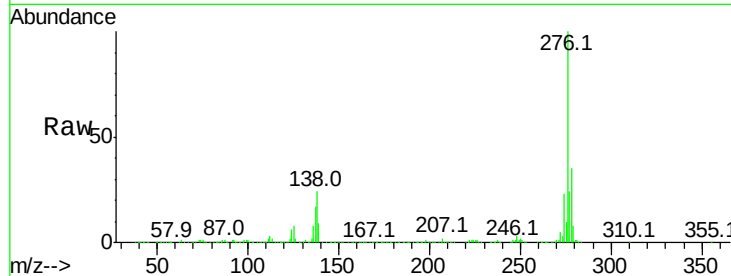
BNA_F

ClientSampleId :

PB95481BS

Tot Ion:276 Resp: 1230847

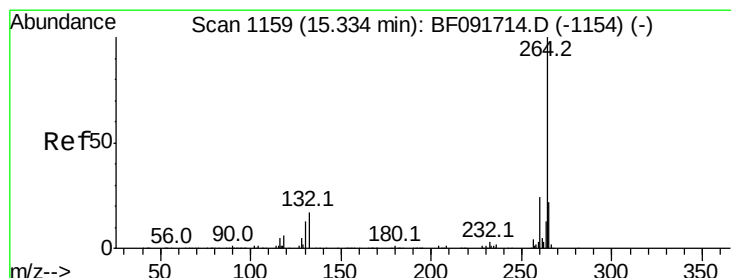
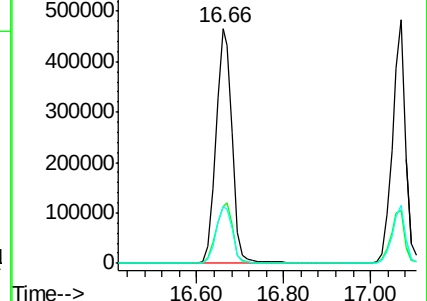
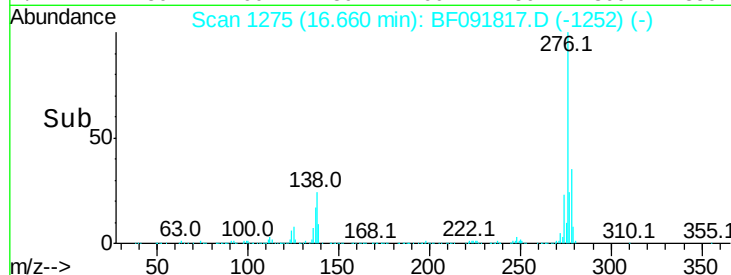
Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.8	32.6
277	25.0	20.2	30.4



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

Perylene-d12

Concen: 20.00 ng

RT: 15.31 min Scan# 1157

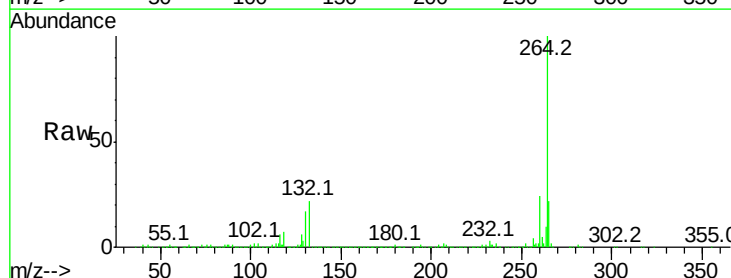
Delta R.T. -0.02 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Tgt Ion:264 Resp: 515767

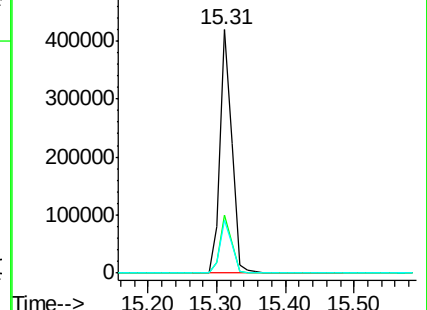
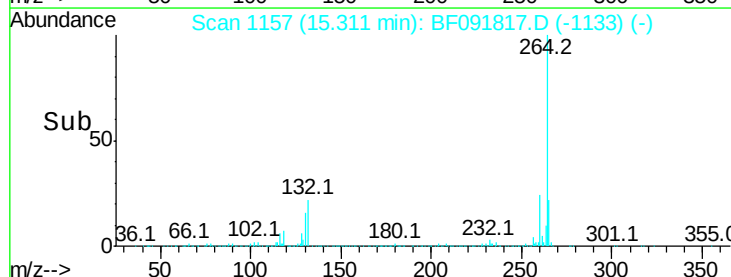
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.4	26.0

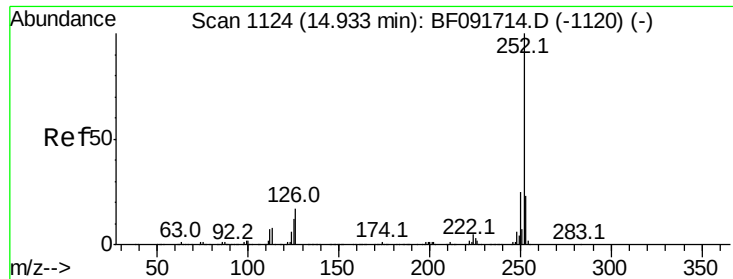


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

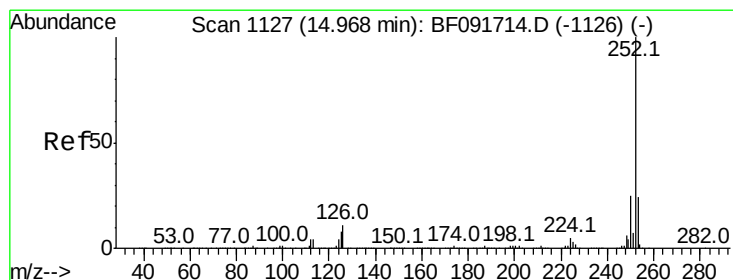
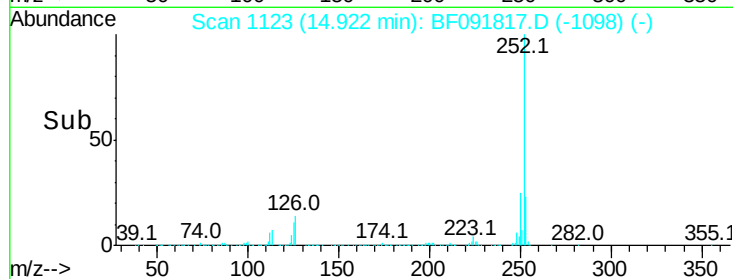
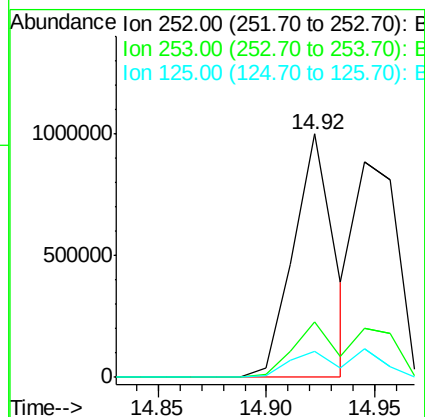
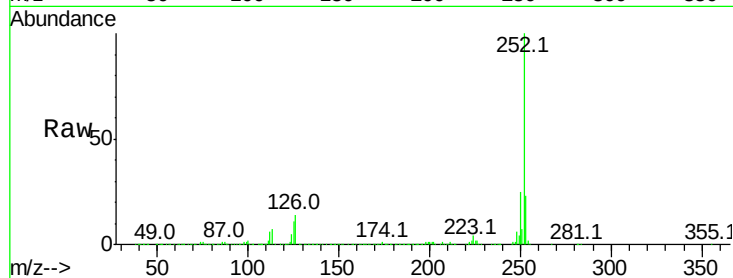




#87
Benzo(b)fluoranthene
Concen: 39.72 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

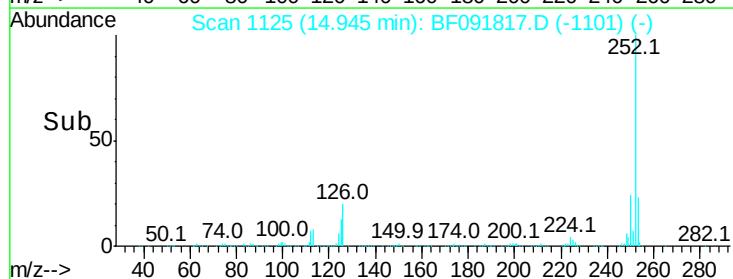
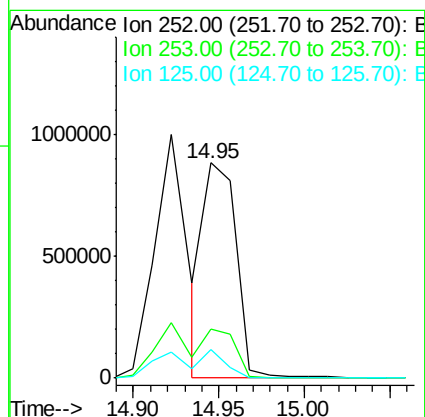
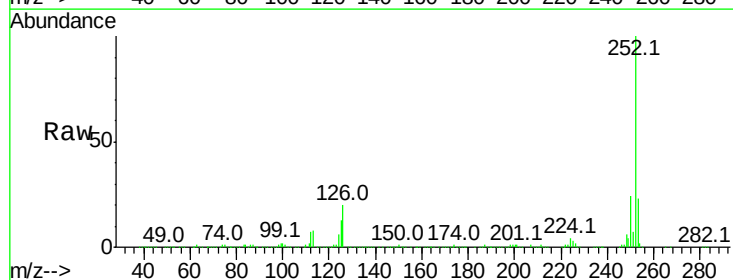
Instrument :
BNA_F
ClientSampleId :
PB95481BS

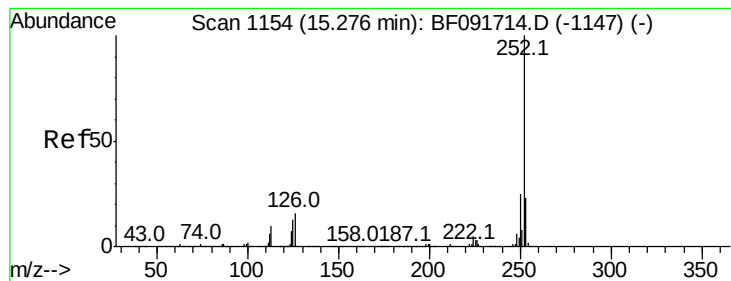
Tot Ion:252 Resp: 1299083
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 10.7 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 52.65 ng m
RT: 14.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Tgt Ion:252 Resp: 1208139
Ion Ratio Lower Upper
252 100
253 22.8 18.5 27.7
125 13.2 8.9 13.3





#89

Benzo(a)pyrene

Concen: 42.88 ng

RT: 15.27 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

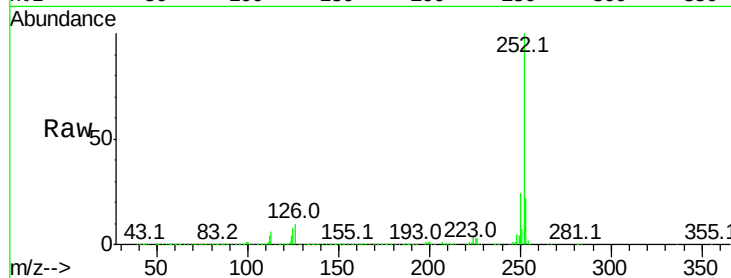
Tot Ion:252 Resp: 1203580

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

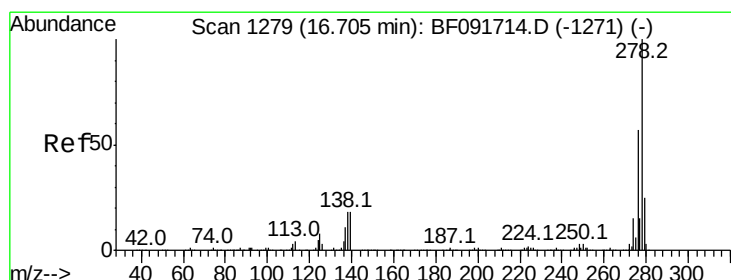
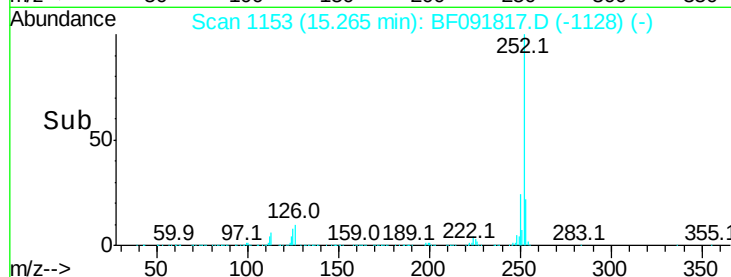
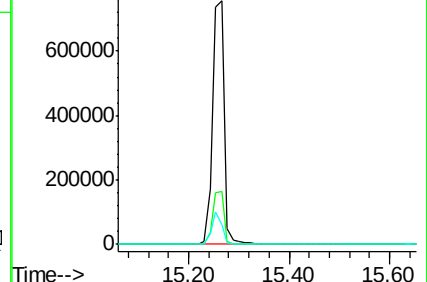
125 7.8 10.0 15.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.27 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

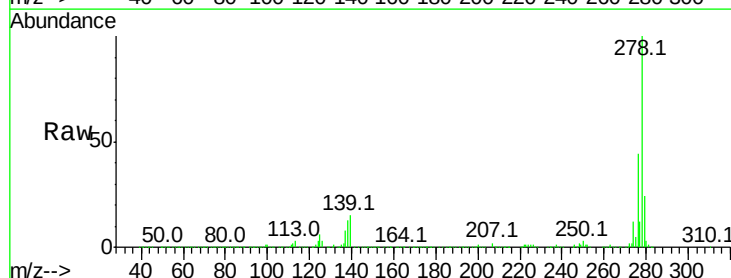
Tgt Ion:278 Resp: 1009669

Ion Ratio Lower Upper

278 100

139 14.8 14.8 22.2#

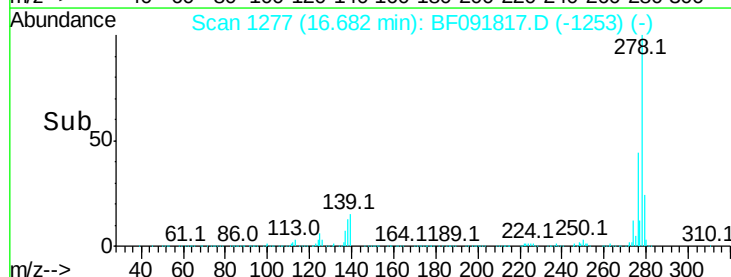
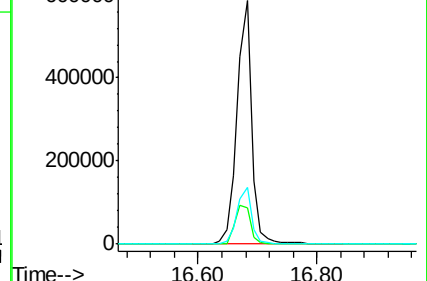
279 23.6 19.8 29.6

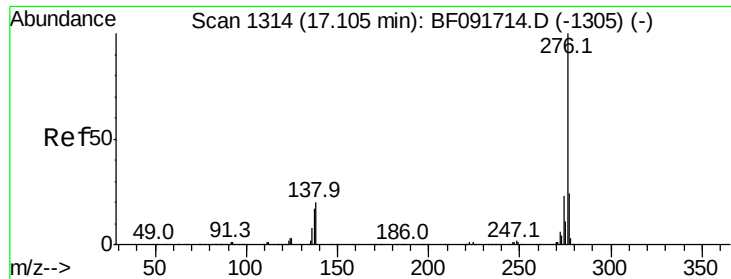


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 41.97 ng
 RT: 17.07 min Scan# 1311
 Delta R.T. -0.03 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95481BS

Tot Ion:276 Resp: 1043774

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	22.0	16.0	24.0

