

Data Path : Z:\HPCHEM1\BNA F\Data\BF122816\
 Data File : BF091993.D
 Acq On : 28 Dec 2016 14:41
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 15:36:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	281150	20.00	ng	-0.05
21) Naphthalene-d8	8.00	136	1038848	20.00	ng	-0.05
38) Acenaphthene-d10	9.76	164	562914	20.00	ng	-0.03
63) Phenanthrene-d10	11.23	188	908213	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	577845	20.00	ng	-0.03
86) Perylene-d12	15.25	264	521235	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1358889	80.70	ng	-0.02
7) Phenol-d6	6.38	99	1644347	79.99	ng	-0.02
23) Nitrobenzene-d5	7.29	82	1504590	80.54	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	399854	85.83	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	2512812	92.62	ng	-0.03
78) Terphenyl-d14	12.82	244	2160395	90.67	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.19	88	418593	50.50	ng	99
3) Pyridine	2.86	79	1121470	38.76	ng	95
4) n-Nitrosodimethylamine	2.83	42	414158	37.95	ng	98
6) Aniline	6.37	93	1031786	38.64	ng	# 49
8) 2-Chlorophenol	6.50	128	786965	41.09	ng	95
9) Benzaldehyde	6.25	77	442284	36.55	ng	91
10) Phenol	6.40	94	1058203	45.17	ng	# 72
11) bis(2-Chloroethyl)ether	6.45	93	807031	43.30	ng	99
12) 1,3-Dichlorobenzene	6.65	146	834674	40.82	ng	# 92
13) 1,4-Dichlorobenzene	6.73	146	891985	42.86	ng	98
14) 1,2-Dichlorobenzene	6.88	146	679182	37.61	ng	96
15) Benzyl Alcohol	6.86	79	491911	30.80	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1168363	42.09	ng	# 32
17) 2-Methylphenol	7.00	107	633436	41.12	ng	# 91
18) Hexachloroethane	7.22	117	296257	38.40	ng	90
19) n-Nitroso-di-n-propylamine	7.14	70	519391	37.98	ng	99
20) 3+4-Methylphenols	7.15	107	798208	43.45	ng	# 72
22) Acetophenone	7.13	105	1148602	44.83	ng	# 95
24) Nitrobenzene	7.30	77	745930	37.49	ng	98
25) Isophorone	7.55	82	1634627	47.42	ng	99
26) 2-Nitrophenol	7.62	139	413892	42.18	ng	99
27) 2,4-Dimethylphenol	7.68	122	689442	42.36	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	779942	37.32	ng	99
29) 2,4-Dichlorophenol	7.87	162	560932	40.70	ng	89
30) 1,2,4-Trichlorobenzene	7.94	180	605206	40.07	ng	# 94
31) Naphthalene	8.02	128	1898894	39.94	ng	99
32) Benzoic acid	7.84	122	435124	36.05	ng	97
33) 4-Chloroaniline	8.08	127	834026	38.90	ng	97
34) Hexachlorobutadiene	8.14	225	356387	44.71	ng	99
35) Caprolactam	8.48	113	196747	43.44	ng	# 78
36) 4-Chloro-3-methylphenol	8.58	107	580889	36.63	ng	97
37) 2-Methylnaphthalene	8.72	142	1324069	46.52	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	521165	36.64	ng	98
40) Hexachlorocyclopentadiene	8.86	237	255007	42.24	ng	96

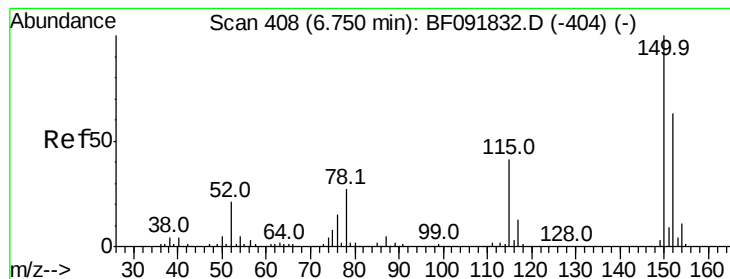
Data Path : Z:\HPCHEM1\BNA F\Data\BF122816\
 Data File : BF091993.D
 Acq On : 28 Dec 2016 14:41
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 15:36:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	409527	41.17	nq	98
43) 2,4,5-Trichlorophenol	9.05	196	407585	39.82	nq	96
45) 1,1'-Biphenyl	9.17	154	1522760	39.51	nq	96
46) 2-Chloronaphthalene	9.20	162	1175110	38.50	nq	93
47) 2-Nitroaniline	9.31	65	464977	42.78	nq	# 69
48) Acenaphthylene	9.61	152	1819049	38.75	nq	99
49) Dimethylphthalate	9.49	163	1520502	42.23	nq	99
50) 2,6-Dinitrotoluene	9.55	165	328088	41.63	nq	# 77
51) Acenaphthene	9.79	154	1252882	39.37	nq	98
52) 3-Nitroaniline	9.72	138	388034	39.79	nq	97
53) 2,4-Dinitrophenol	9.82	184	178650	40.74	nq	# 61
54) Dibenzofuran	9.96	168	1618255	37.65	nq	92
55) 4-Nitrophenol	9.90	139	248379	37.51	nq	98
56) 2,4-Dinitrotoluene	9.95	165	350853	35.47	nq	# 76
57) Fluorene	10.29	166	1204218	38.51	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	331285	40.92	nq	98
59) Diethylphthalate	10.18	149	1427656	40.83	nq	99
60) 4-Chlorophenyl-phenylether	10.29	204	562564	41.09	nq	95
61) 4-Nitroaniline	10.34	138	378992	37.50	nq	99
62) Azobenzene	10.45	77	1664376	43.23	nq	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	233398	42.50	nq	# 56
65) n-Nitrosodiphenylamine	10.42	169	1197014	44.42	nq	100
66) 4-Bromophenyl-phenylether	10.78	248	410267	43.43	nq	# 81
67) Hexachlorobenzene	10.84	284	386757	38.30	nq	# 81
68) Atrazine	10.94	200	316843	36.45	nq	98
69) Pentachlorophenol	11.05	266	211265	42.64	nq	99
70) Phenanthrene	11.25	178	1744963	35.43	nq	99
71) Anthracene	11.31	178	2077064	49.09	nq	99
72) Carbazole	11.47	167	1848675	46.07	nq	100
73) Di-n-butylphthalate	11.80	149	2079203	44.51	nq	100
74) Fluoranthene	12.44	202	2050886	47.70	nq	94
76) Benzidine	12.57	184	681080	46.71	nq	97
77) Pyrene	12.67	202	2089894	49.29	nq	99
79) Butylbenzylphthalate	13.30	149	913922	47.40	nq	# 78
80) Benzo(a)anthracene	13.85	228	1377387	42.23	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	535087	43.26	nq	# 97
82) Chrysene	13.89	228	1457597	44.55	nq	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	1103301	48.59	nq	# 98
84) Di-n-octyl phthalate	14.47	149	1732503	41.19	nq	98
85) Indeno(1,2,3-cd)pyrene	16.57	276	1302087	45.94	nq	99
87) Benzo(b)fluoranthene	14.87	252	2468001	76.05	nq	97
88) Benzo(k)fluoranthene	14.87	252	2468001	89.19	nq	98
89) Benzo(a)pyrene	15.20	252	1181337	41.01	nq	98
90) Dibenzo(a,h)anthracene	16.59	278	1094751	46.24	nq	# 95
91) Benzo(g,h,i)perylene	16.97	276	1298448	52.75	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.05 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

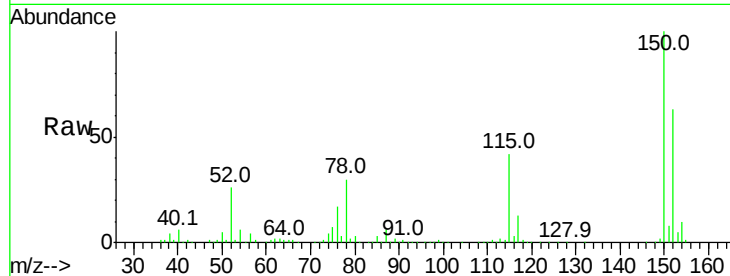
Tot Ion:152 Resp: 281150

Ion Ratio Lower Upper

152 100

150 159.6 124.9 187.3

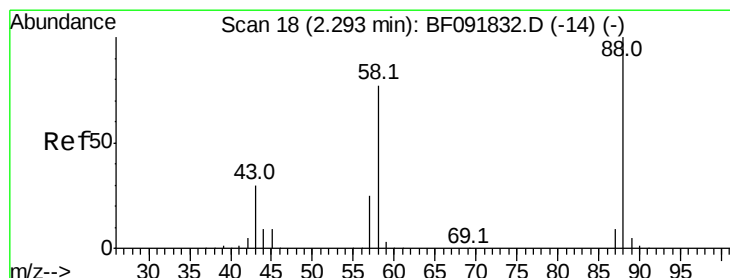
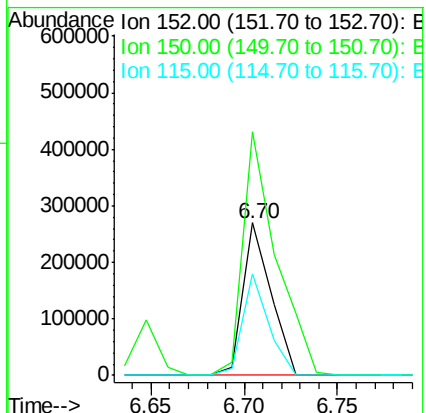
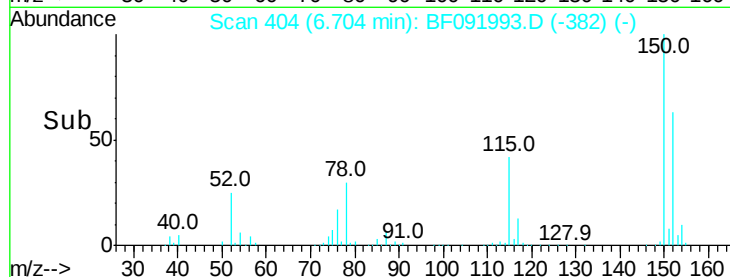
115 66.9 46.0 69.0



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: 50.50 ng

RT: 2.19 min Scan# 9

Delta R.T. -0.10 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

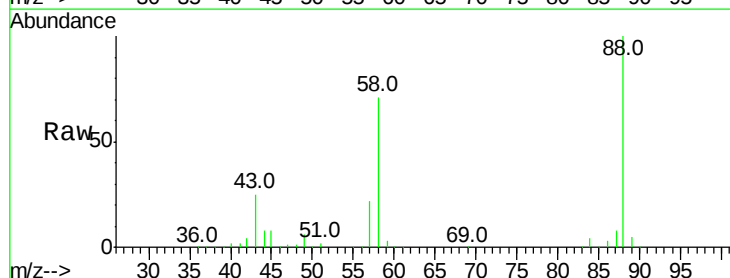
Tgt Ion: 88 Resp: 418593

Ion Ratio Lower Upper

88 100

58 71.7 57.8 86.8

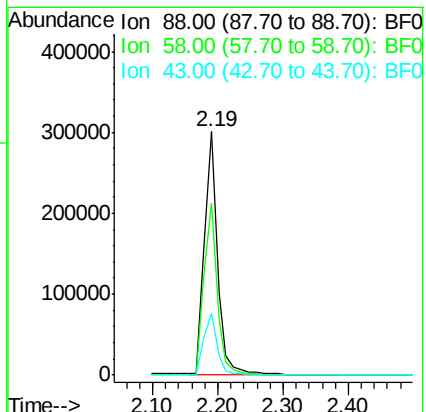
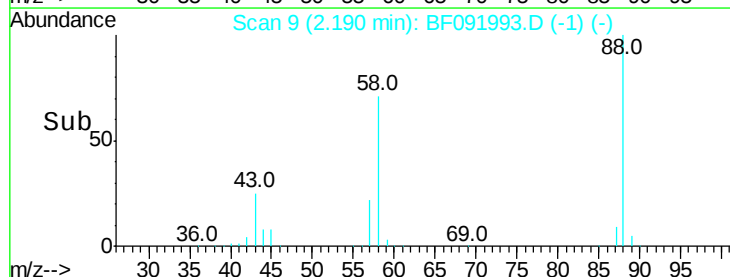
43 26.5 22.3 33.5

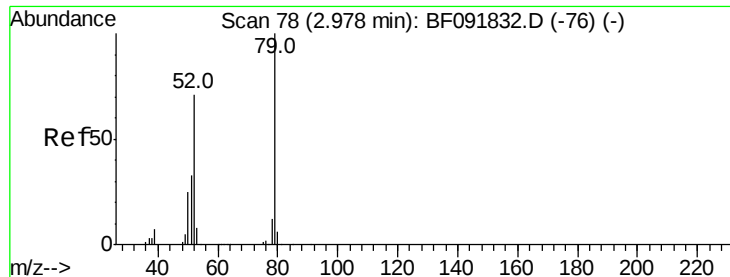


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.76 ng

RT: 2.86 min Scan# 68

Delta R.T. -0.11 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampled :

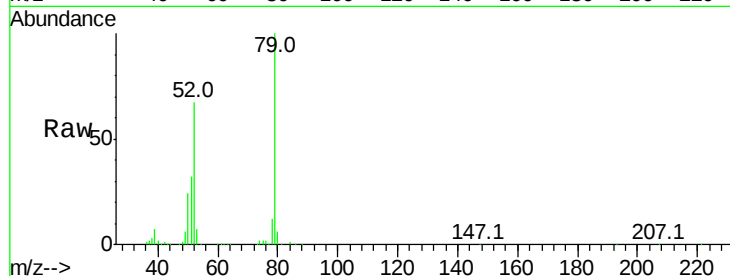
Tot Ion: 79 Resp: 1121470

Ion Ratio Lower Upper

79 100

52 67.0 57.1 85.7

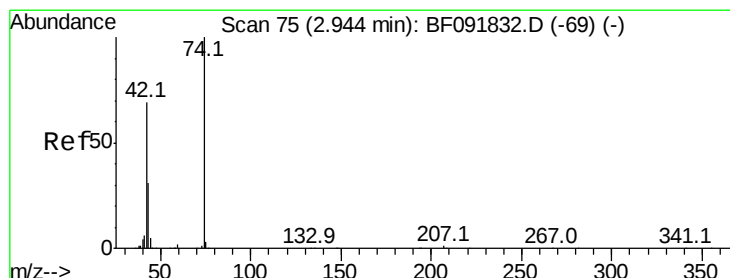
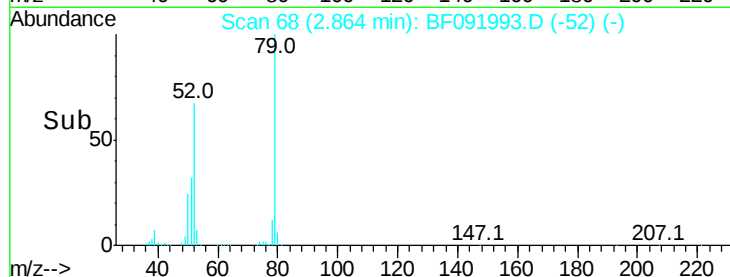
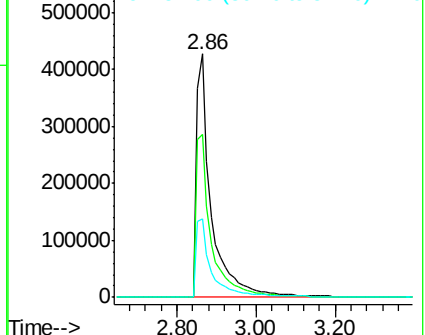
51 32.4 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.95 ng

RT: 2.83 min Scan# 65

Delta R.T. -0.11 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

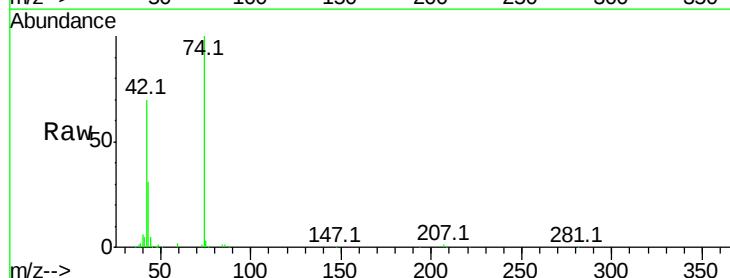
Tgt Ion: 42 Resp: 414158

Ion Ratio Lower Upper

42 100

74 143.1 117.0 175.4

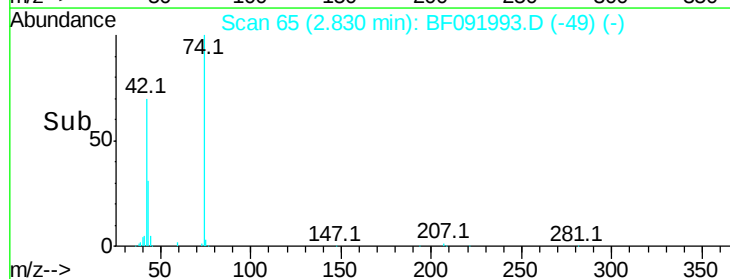
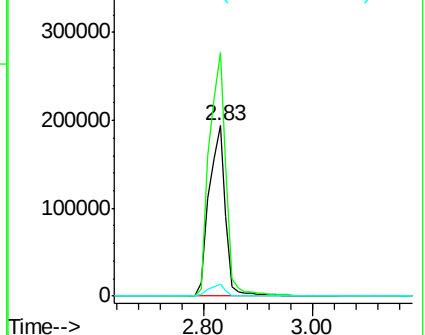
44 7.1 5.5 8.3

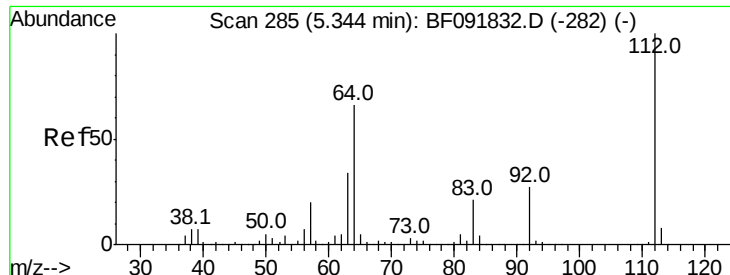


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.70 ng

RT: 5.32 min Scan# 283

Delta R.T. -0.02 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :
BNA_F
ClientSampleId :

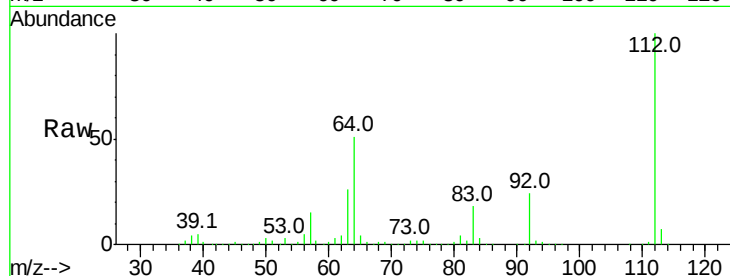
Tot Ion:112 Resp: 1358889

Ion Ratio Lower Upper

112 100

64 51.4 46.1 69.1

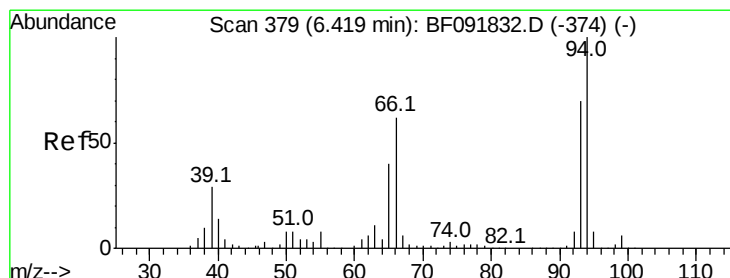
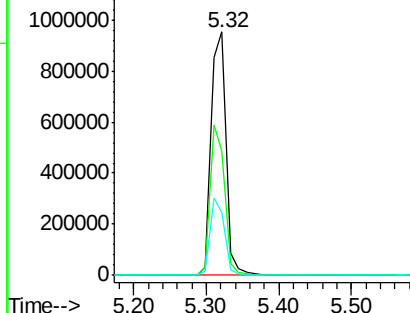
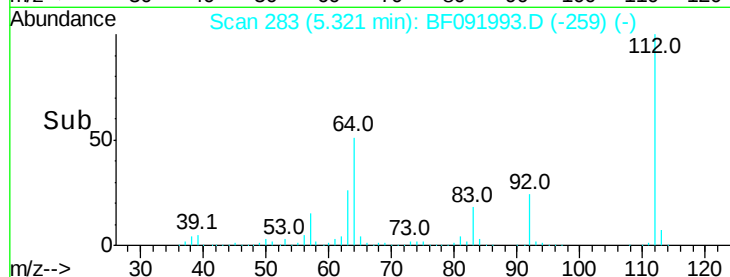
63 25.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.64 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

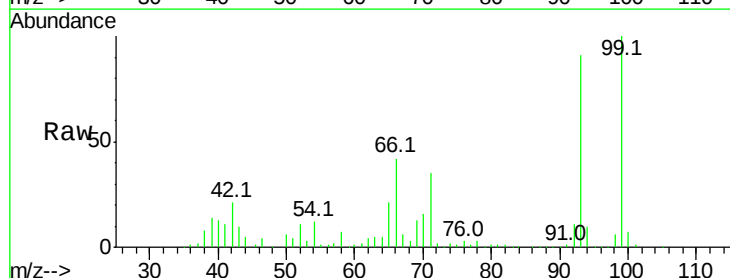
Tgt Ion: 93 Resp: 1031786

Ion Ratio Lower Upper

93 100

66 46.4 76.2 114.2#

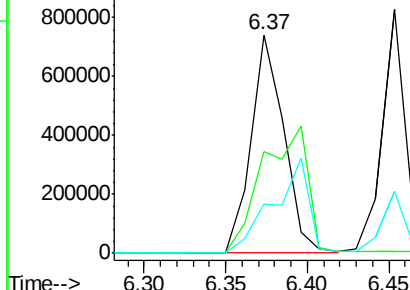
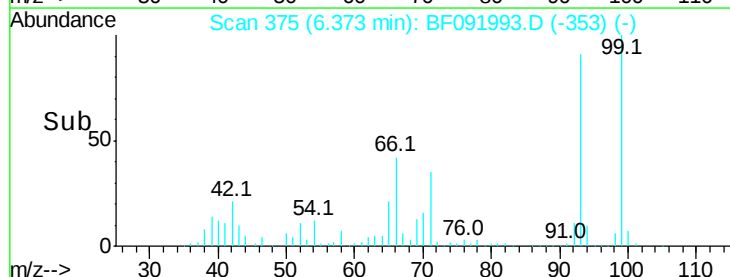
65 22.4 49.3 73.9#

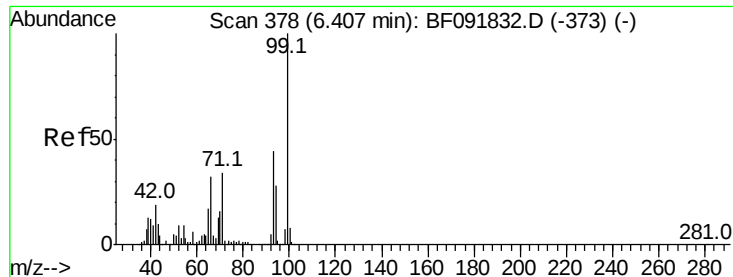


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 79.99 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

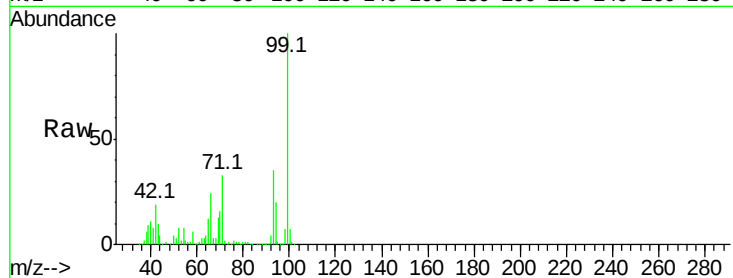
Tot Ion: 99 Resp: 1644347

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

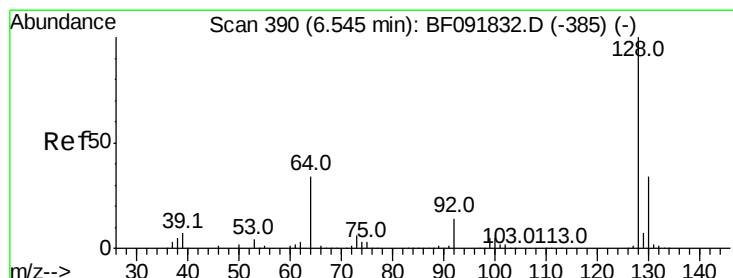
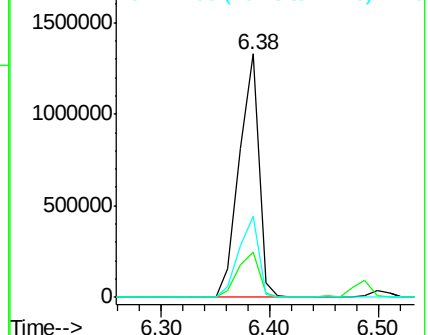
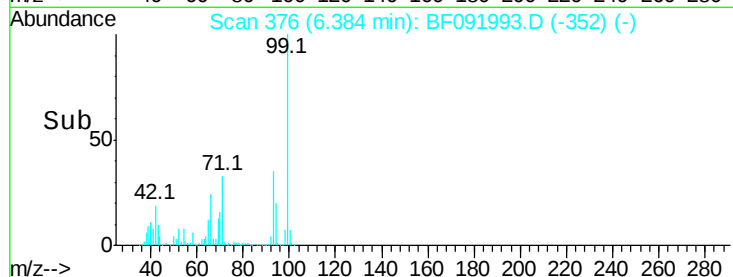
71 33.5 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.09 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.05 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

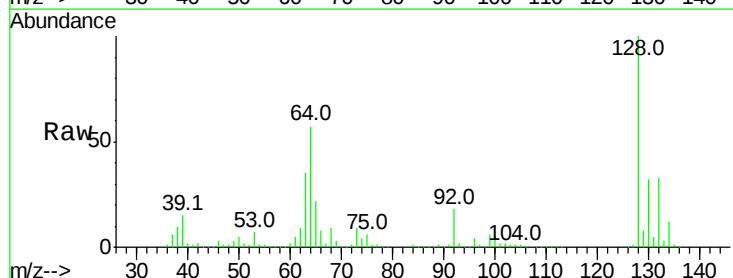
Tgt Ion: 128 Resp: 786965

Ion Ratio Lower Upper

128 100

130 32.0 12.3 52.3

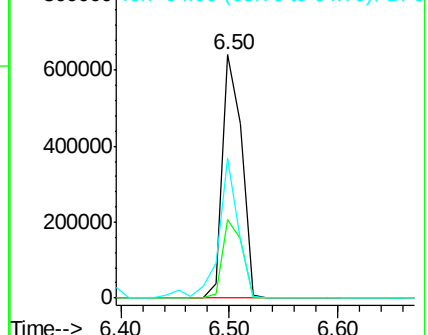
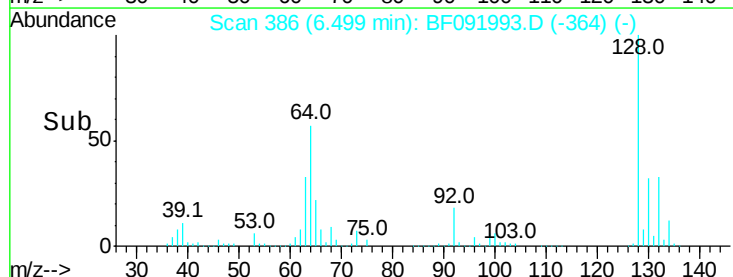
64 57.3 32.2 72.2

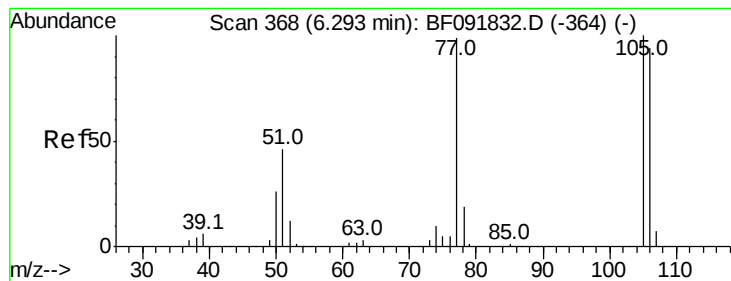


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.55 ng

RT: 6.25 min Scan# 364

Delta R.T. -0.05 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

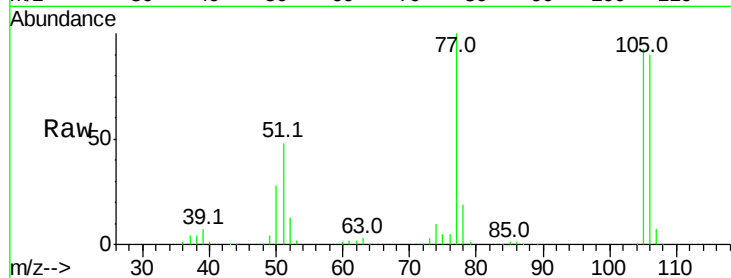
Tot Ion: 77 Resp: 442284

Ion Ratio Lower Upper

77 100

105 92.9 83.9 123.9

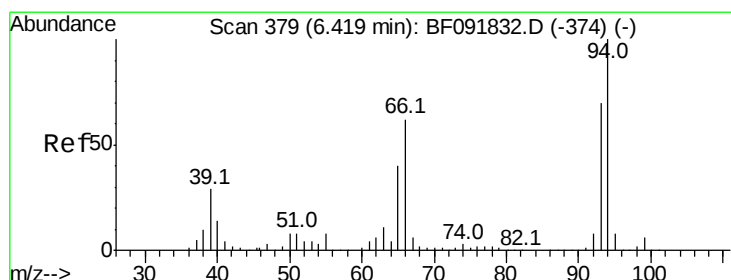
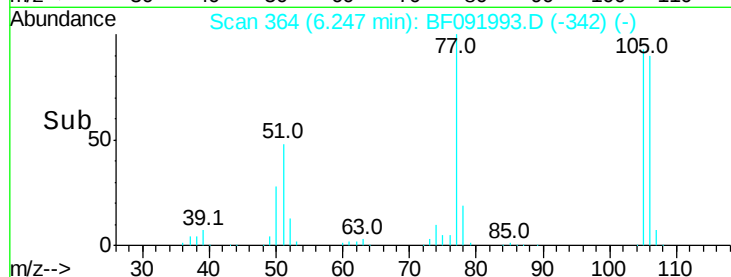
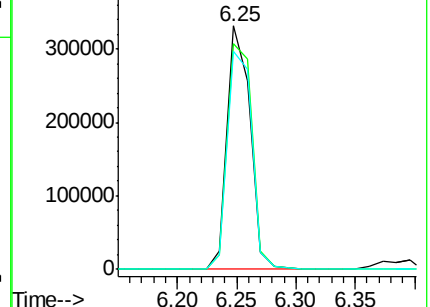
106 89.7 77.6 117.6



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: 45.17 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

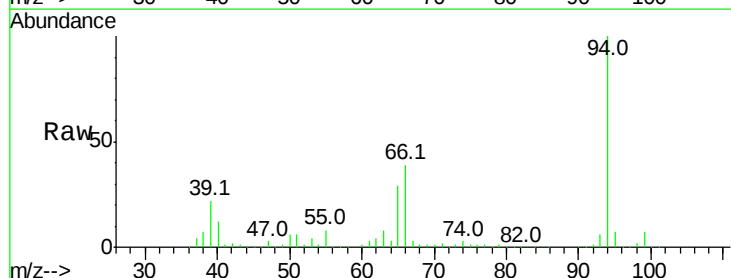
Tgt Ion: 94 Resp: 1058203

Ion Ratio Lower Upper

94 100

65 28.8 21.4 61.4

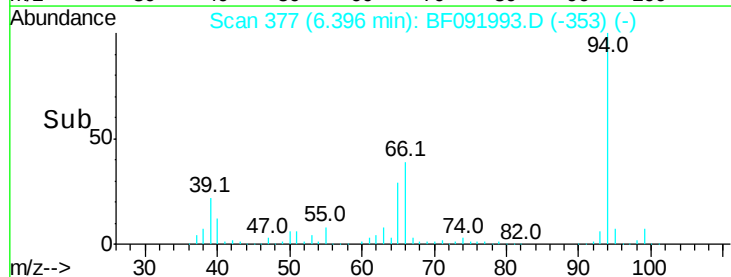
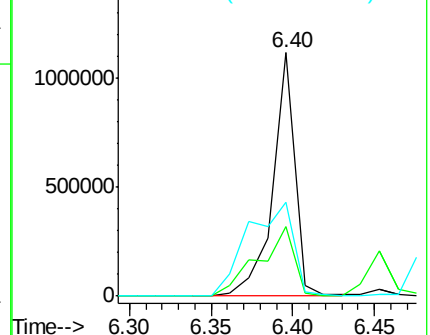
66 38.5 44.0 84.0#



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: 43.30 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.05 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

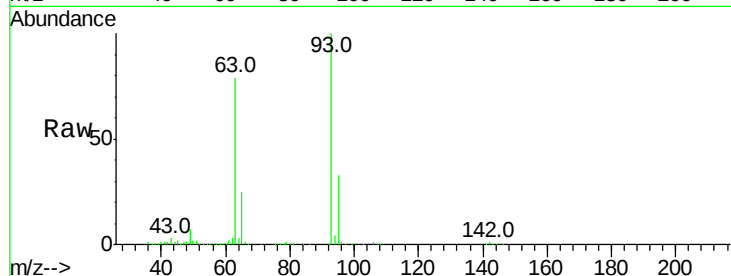
Tot Ion: 93 Resp: 807031

Ion Ratio Lower Upper

93 100

63 79.3 60.4 100.4

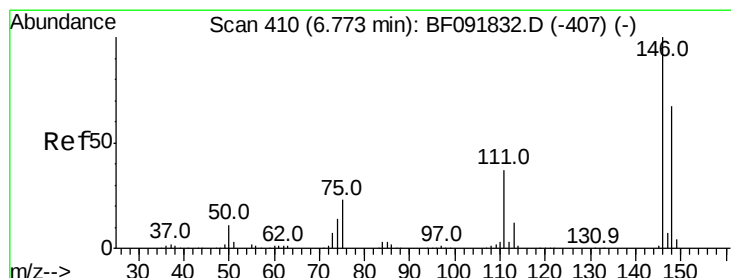
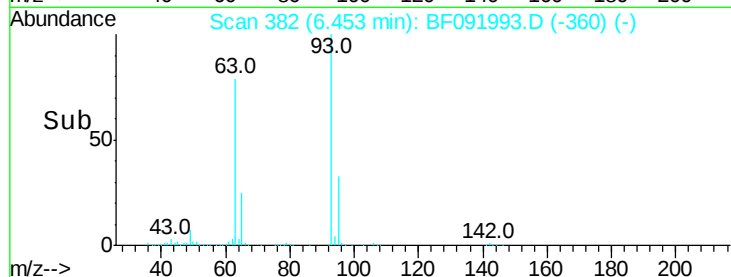
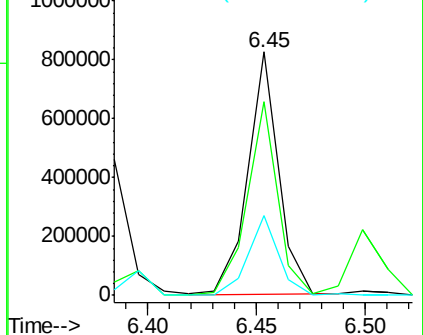
95 32.9 12.8 52.8



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: 40.82 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.05 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

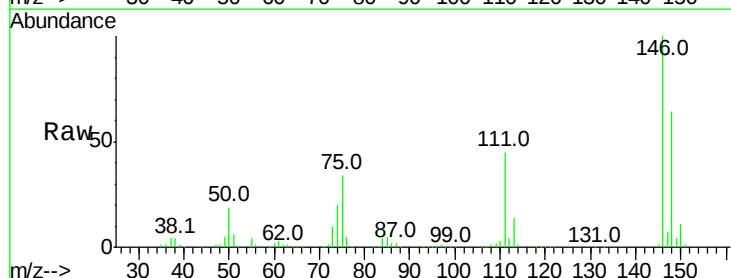
Tgt Ion: 146 Resp: 834674

Ion Ratio Lower Upper

146 100

148 64.2 53.4 80.0

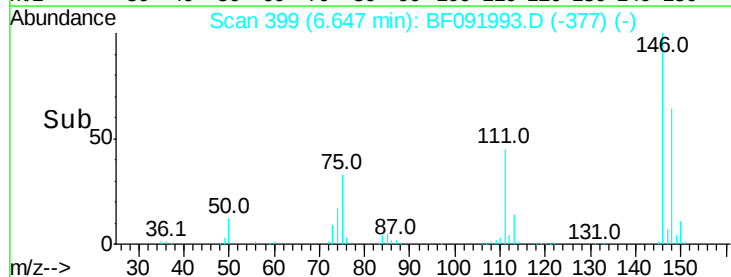
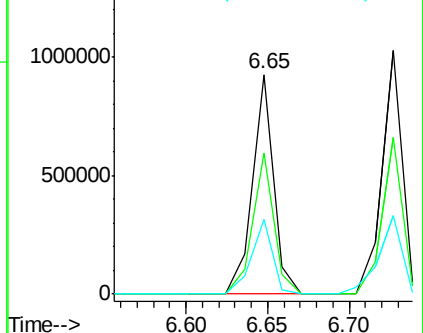
75 33.9 18.5 27.7#

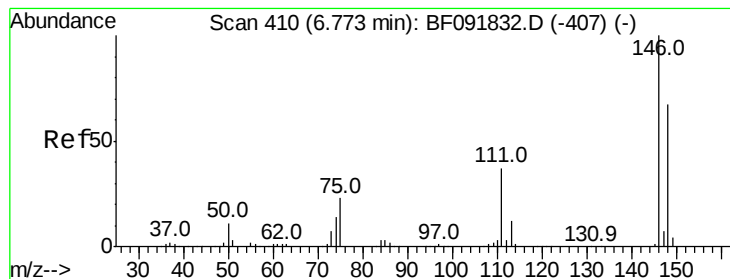


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.86 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

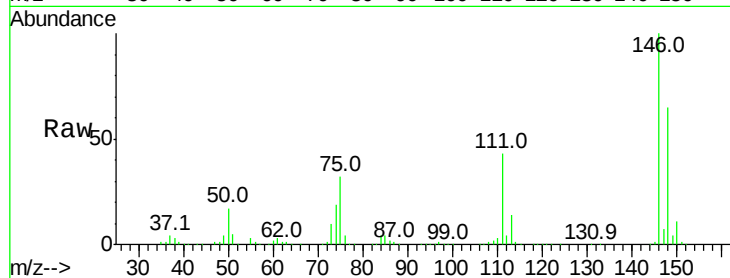
Tot Ion:146 Resp: 891985

Ion Ratio Lower Upper

146 100

148 64.5 50.6 76.0

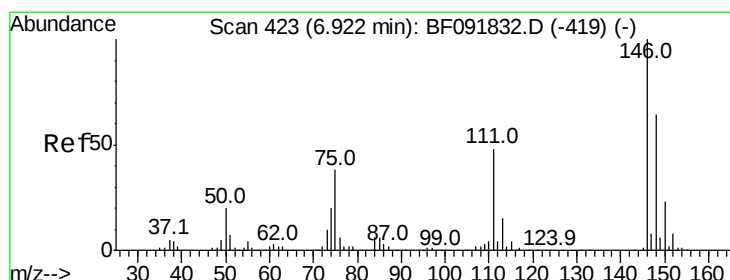
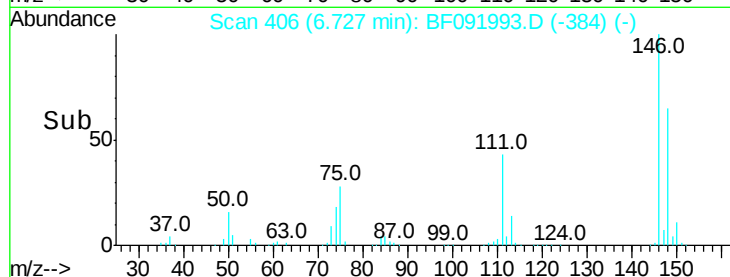
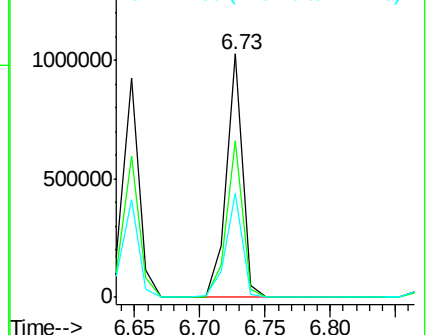
111 42.8 36.2 54.4



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: 37.61 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

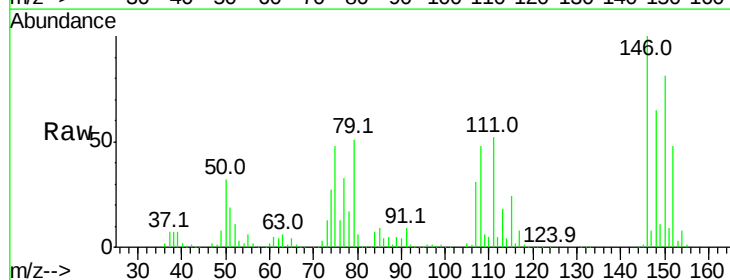
Tgt Ion:146 Resp: 679182

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

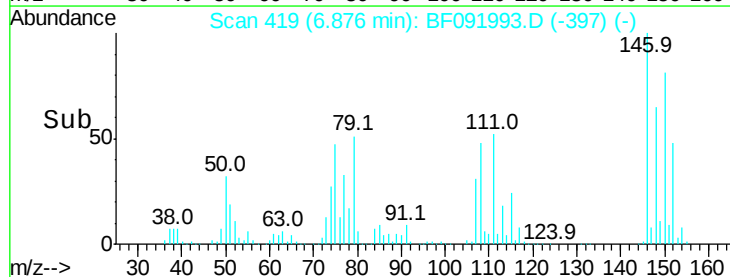
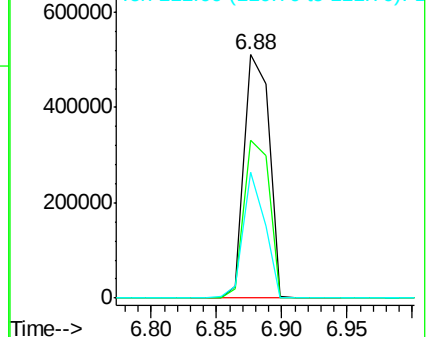
111 51.7 36.2 54.2

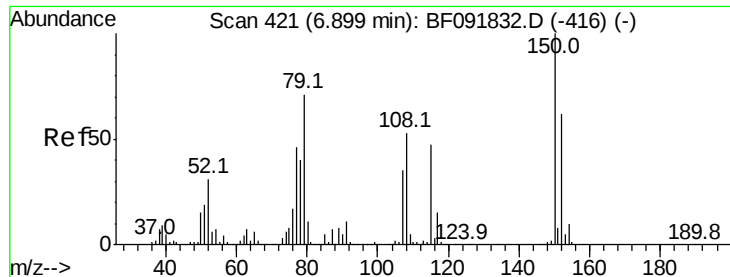


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

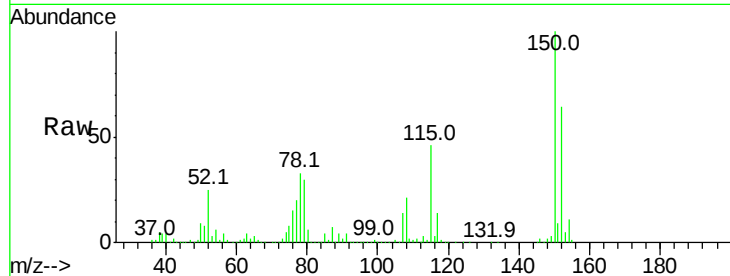




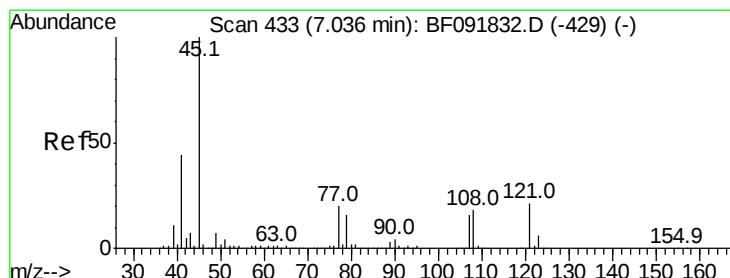
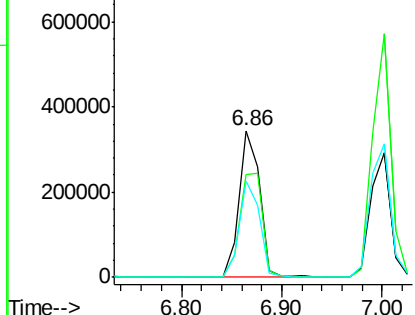
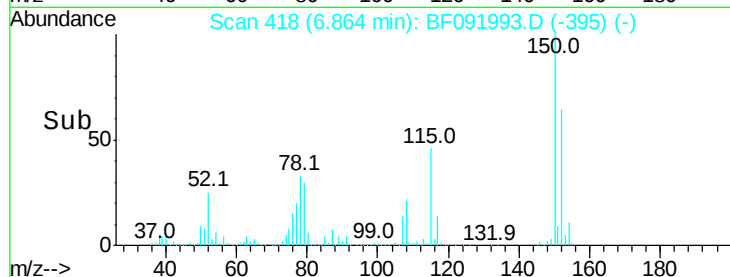
#15
Benzyl Alcohol
Concen: 30.80 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF091993.D
Acq: 28 Dec 2016 14:41

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 491911
Ion Ratio Lower Upper
79 100
108 69.9 61.4 92.0
77 66.0 50.9 76.3

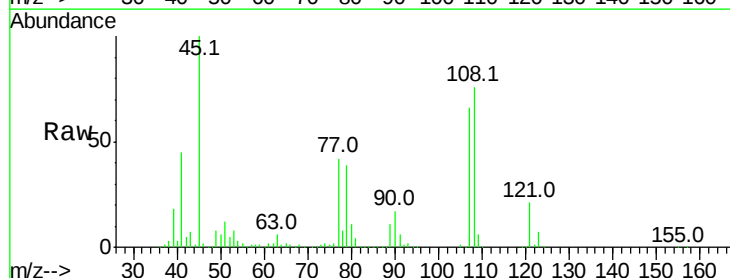


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

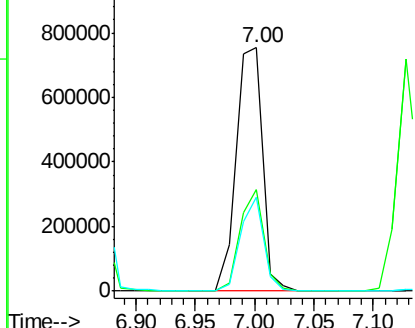
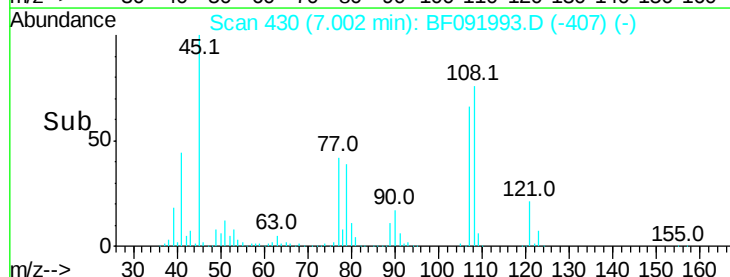


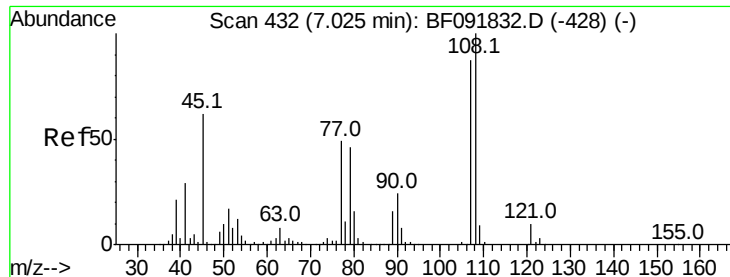
#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.09 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.03 min
Lab File: BF091993.D
Acq: 28 Dec 2016 14:41

Tgt Ion: 45 Resp: 1168363
Ion Ratio Lower Upper
45 100
77 41.7 0.0 34.6#
79 38.7 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

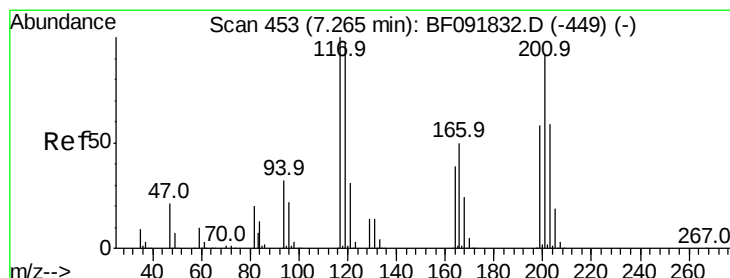
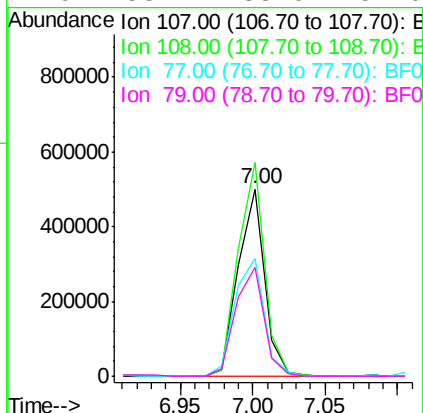
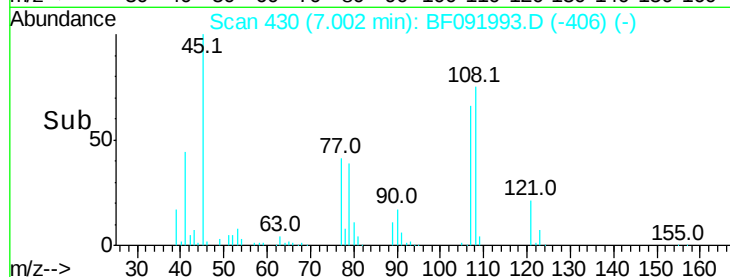
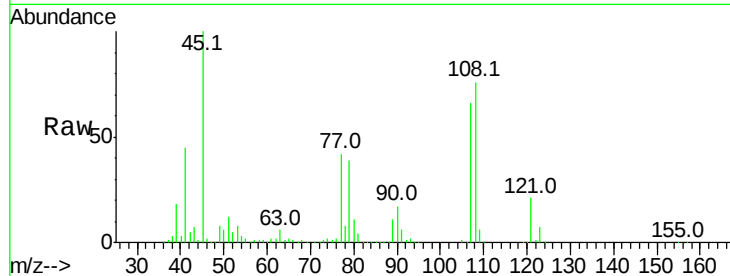




#17
2-Methylphenol
Concen: 41.12 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF091993.D
Acq: 28 Dec 2016 14:41

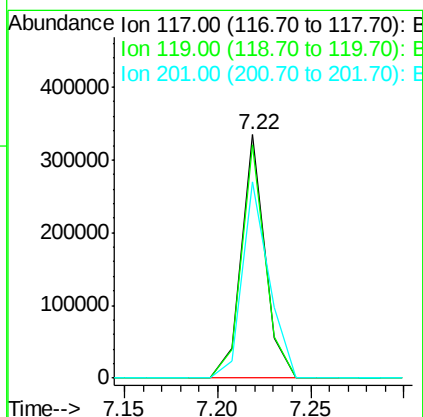
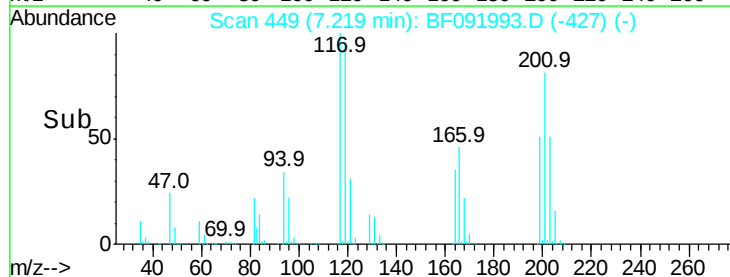
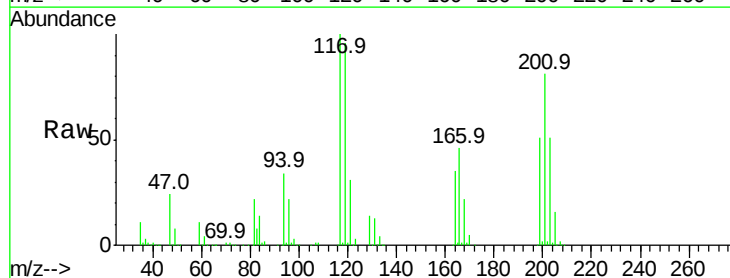
Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 633436
Ion Ratio Lower Upper
107 100
108 114.0 93.0 139.6
77 62.7 39.8 59.8#
79 58.2 38.0 57.0#



#18
Hexachloroethane
Concen: 38.40 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.05 min
Lab File: BF091993.D
Acq: 28 Dec 2016 14:41

Tgt Ion:117 Resp: 296257
Ion Ratio Lower Upper
117 100
119 96.1 78.1 117.1
201 80.8 78.6 117.8

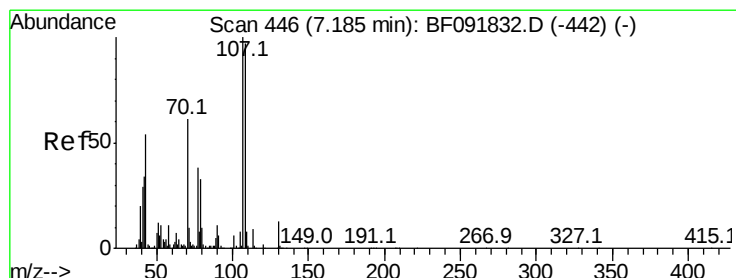
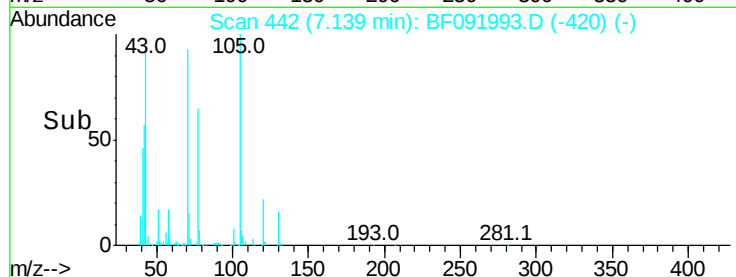
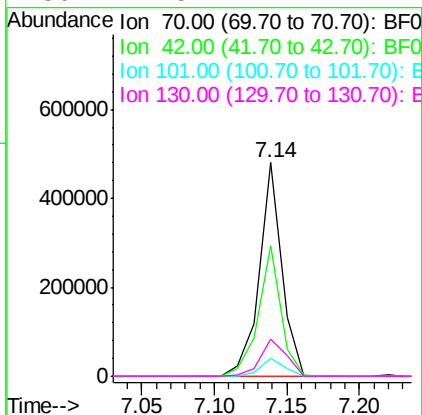
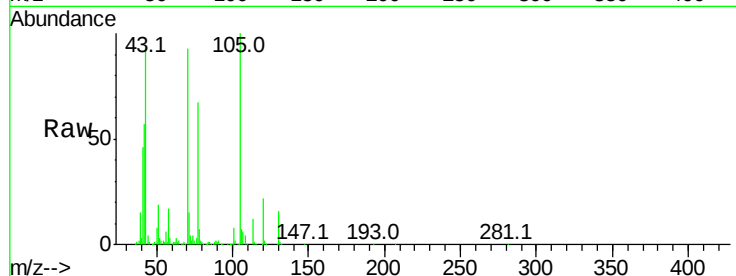




#19
n-Nitroso-di-n-propylamine
Concen: 37.98 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.05 min
Lab File: BF091993.D
Acq: 28 Dec 2016 14:41

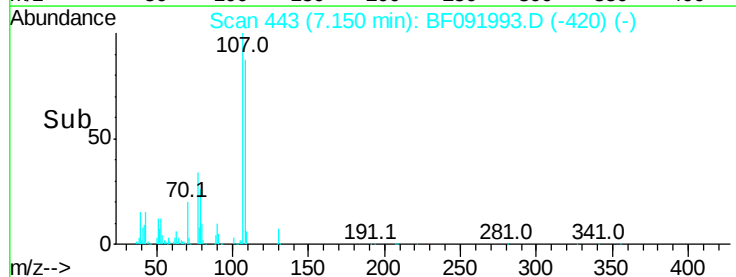
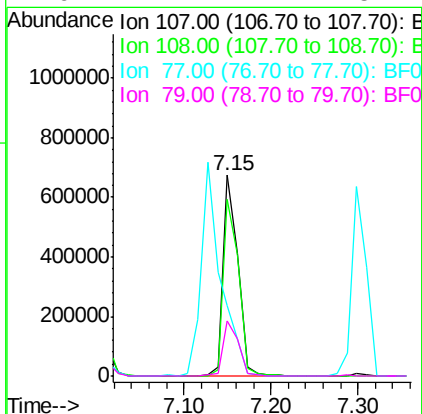
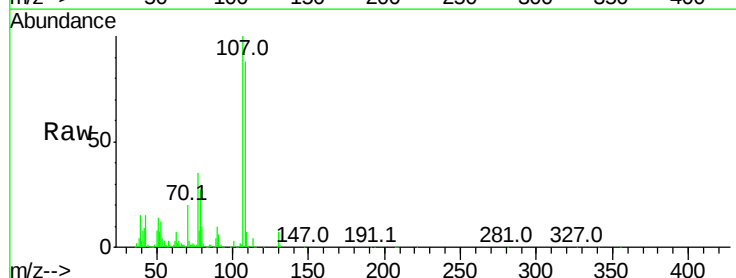
Instrument :
BNA_F
ClientSampleId :

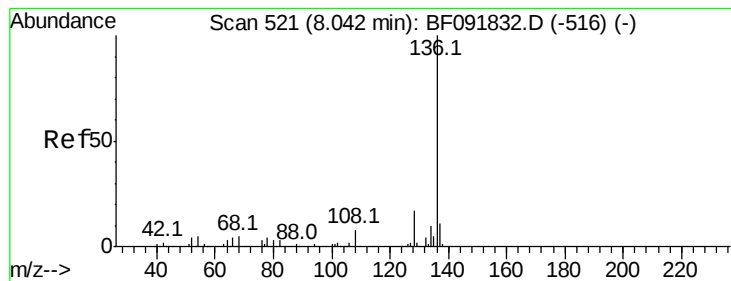
Tot Ion:	70	Resp:	519391
Ion	Ratio	Lower	Upper
70	100		
42	60.9	49.4	74.0
101	8.3	7.4	11.2
130	17.5	14.2	21.4



#20
3+4-Methylphenols
Concen: 43.45 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF091993.D
Acq: 28 Dec 2016 14:41

Tgt Ion:	107	Resp:	798208
Ion	Ratio	Lower	Upper
107	100		
108	87.8	73.0	113.0
77	34.9	71.3	111.3#
79	27.4	11.1	51.1



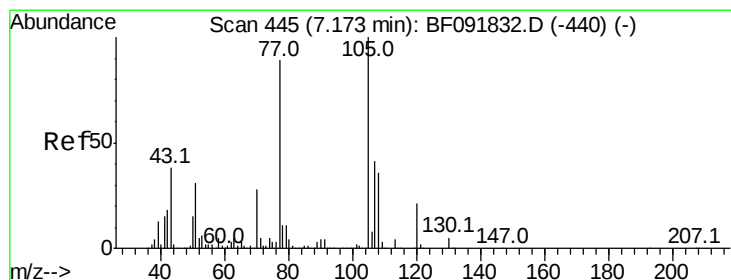
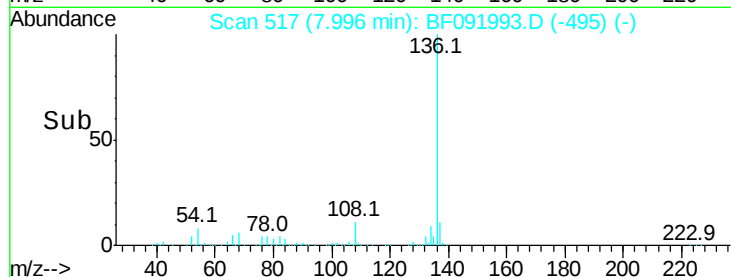
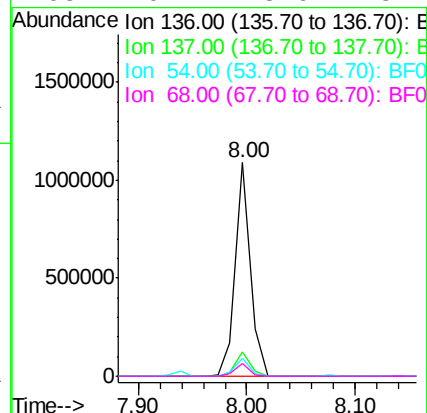
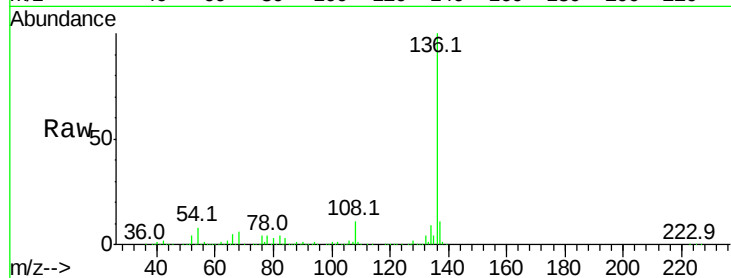


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.05 min
Lab File: BF091993.D
Acq: 28 Dec 2016 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1038848

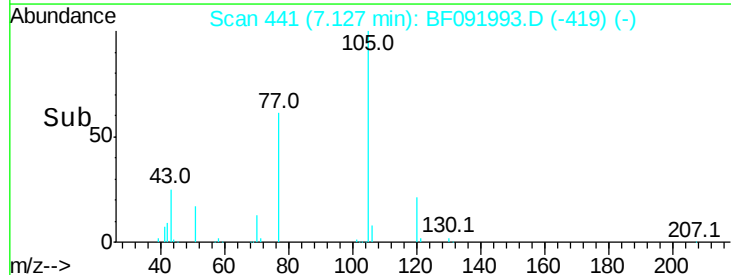
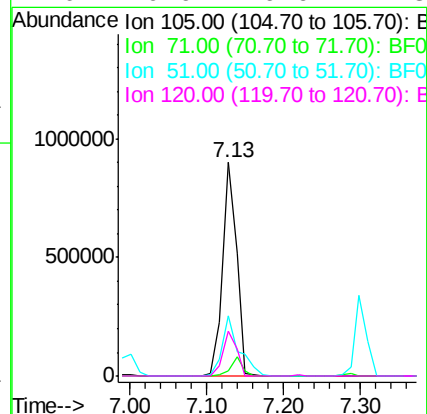
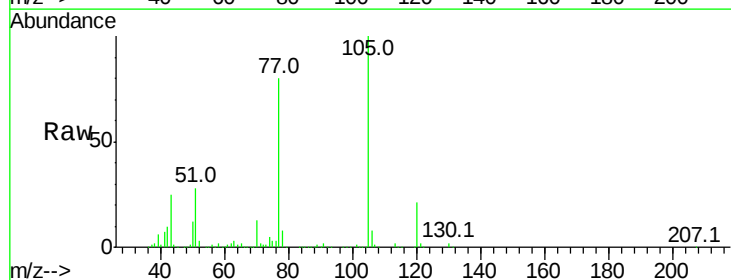
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	8.3	4.5	6.7#
68	6.1	3.6	5.4#



#22
Acetophenone
Concen: 44.83 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.05 min
Lab File: BF091993.D
Acq: 28 Dec 2016 14:41

Tgt Ion:105 Resp: 1148602

Ion	Ratio	Lower	Upper
105	100		
71	2.2	3.2	4.8#
51	28.2	26.2	39.4
120	20.9	16.6	24.8

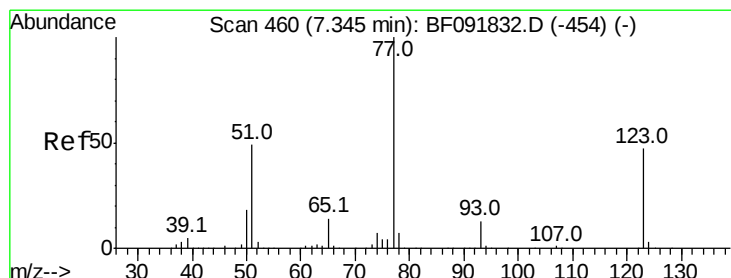
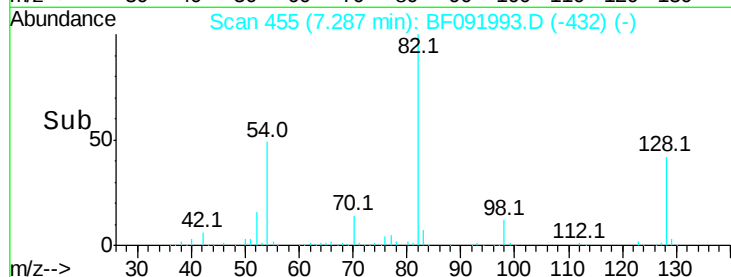
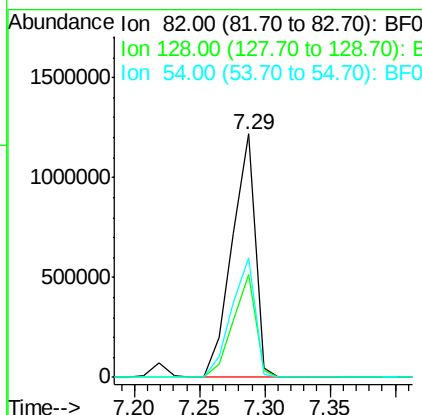
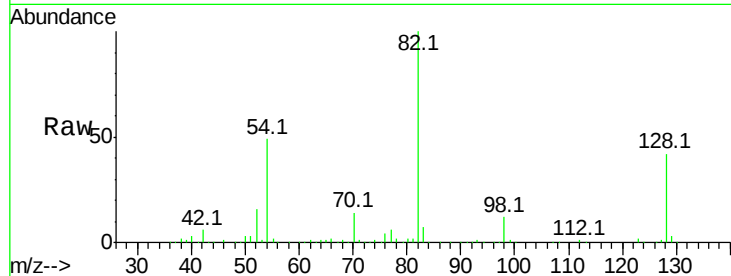




#23
 Nitrobenzene-d5
 Concen: 80.54 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.03 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

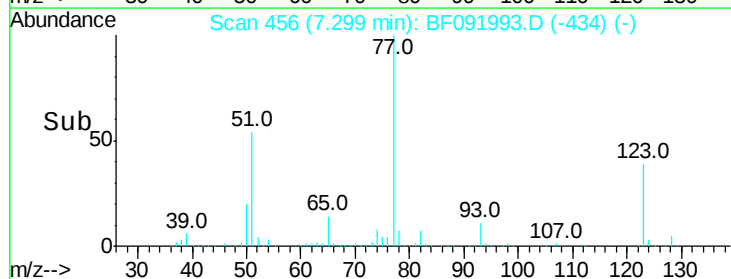
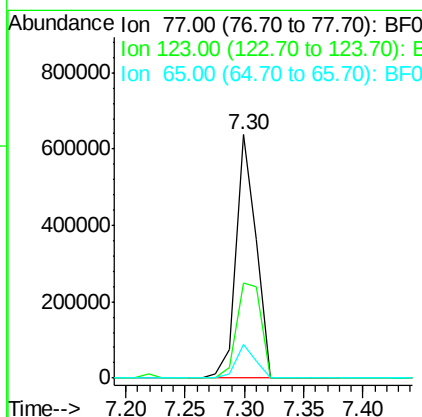
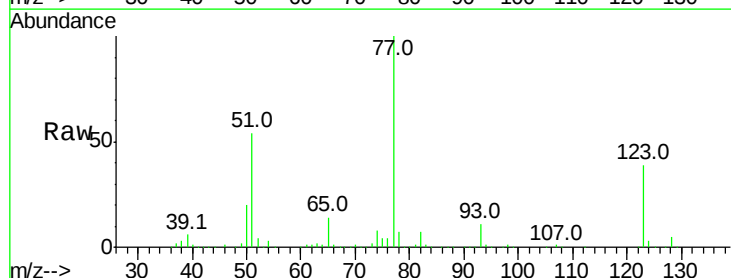
Instrument :
 BNA_F
 ClientSampleId :

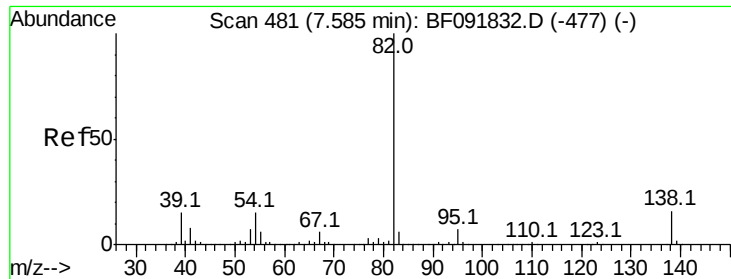
Tot Ion: 82 Resp: 1504590
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 52.0
 54 49.2 39.5 59.3



#24
 Nitrobenzene
 Concen: 37.49 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Tgt Ion: 77 Resp: 745930
 Ion Ratio Lower Upper
 77 100
 123 39.3 33.0 49.4
 65 14.0 11.2 16.8





#25

Isophorone

Concen: 47.42 ng

RT: 7.55 min Scan# 478

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

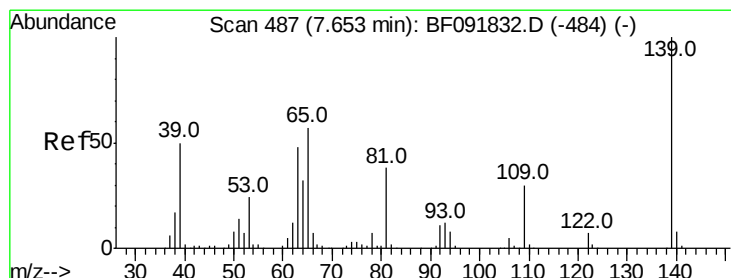
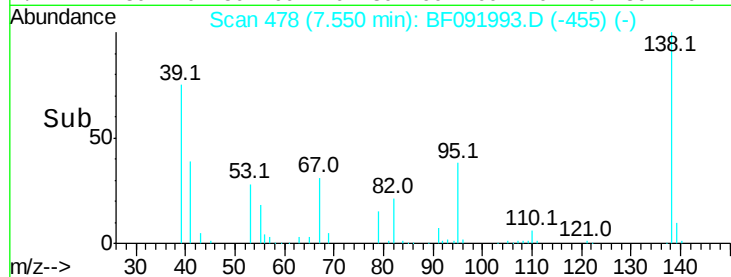
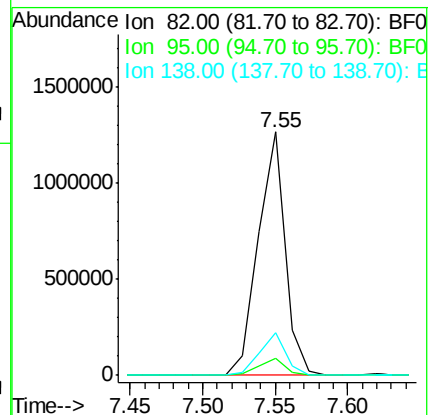
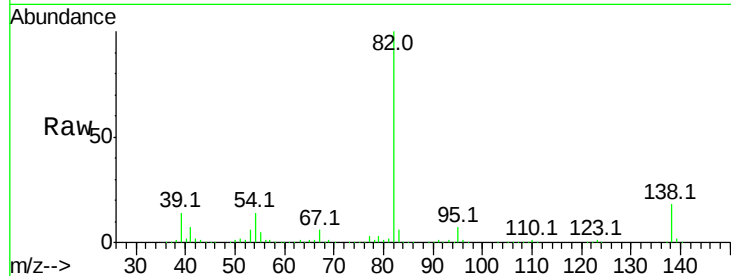
Tot Ion: 82 Resp: 1634627

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 17.8 14.6 22.0



#26

2-Nitrophenol

Concen: 42.18 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

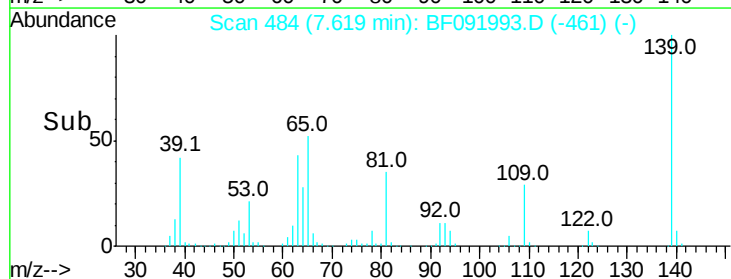
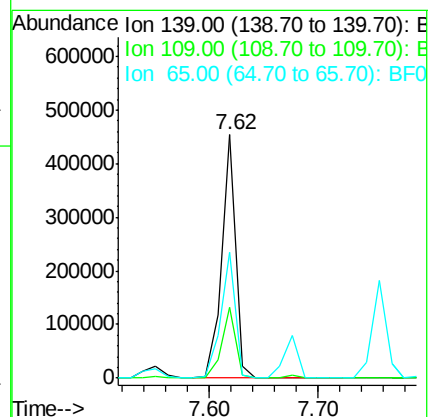
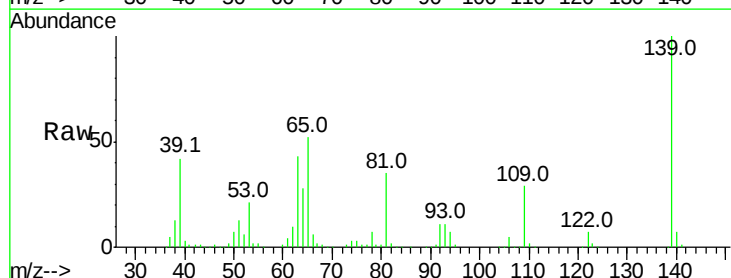
Tgt Ion:139 Resp: 413892

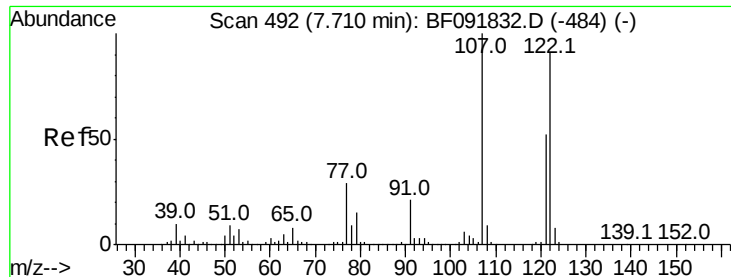
Ion Ratio Lower Upper

139 100

109 29.2 23.3 34.9

65 51.9 42.7 64.1

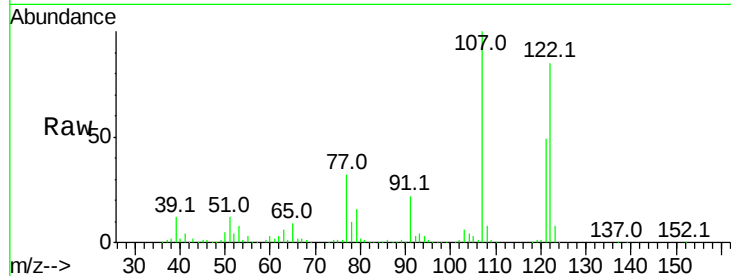




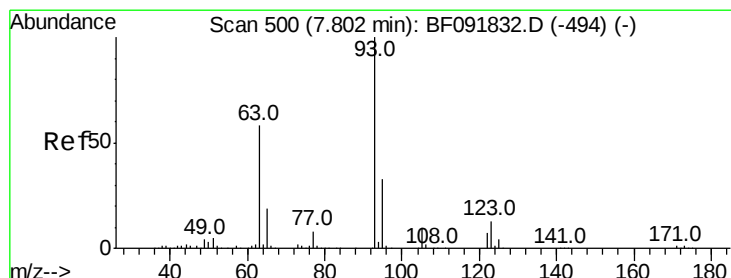
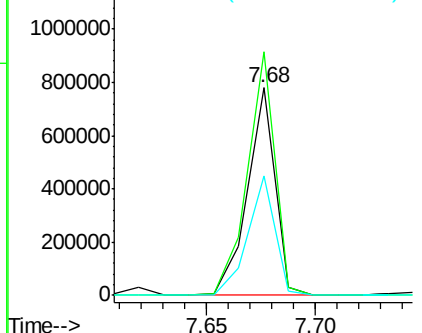
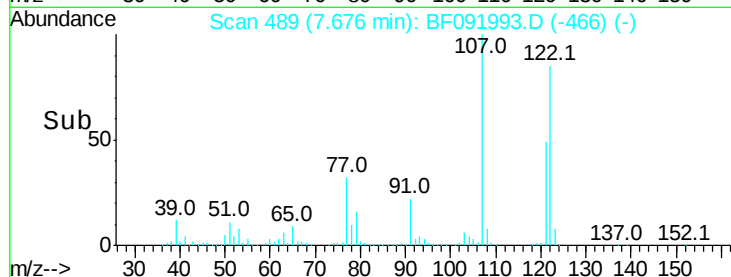
#27
 2,4-Dimethylphenol
 Concen: 42.36 ng
 RT: 7.68 min Scan# 489
 Delta R.T. -0.03 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 689442
 Ion Ratio Lower Upper
 122 100
 107 117.4 94.1 141.1
 121 57.3 46.0 69.0

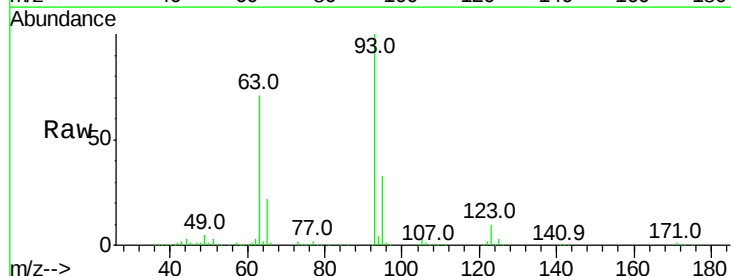


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

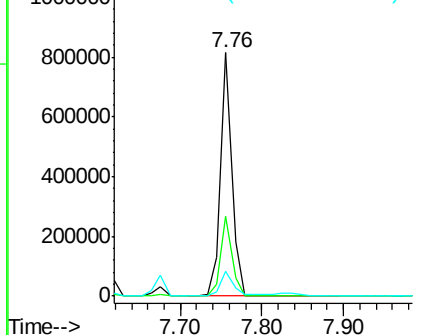
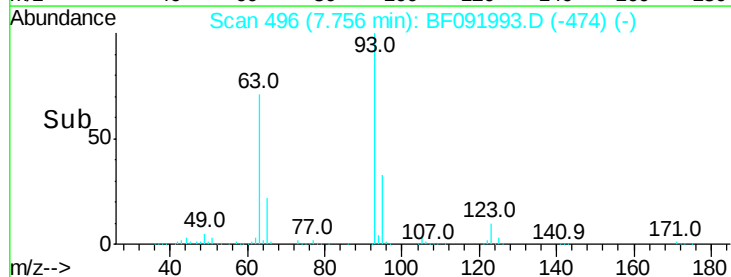


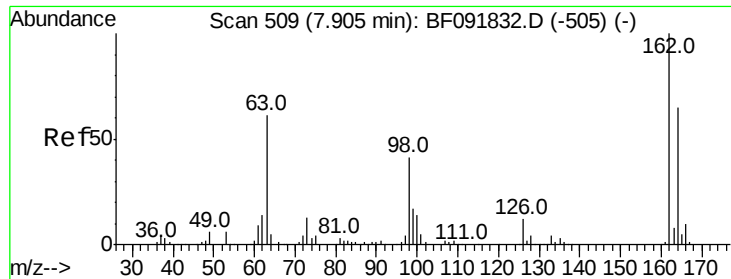
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.32 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.05 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Tgt Ion: 93 Resp: 779942
 Ion Ratio Lower Upper
 93 100
 95 32.9 26.5 39.7
 123 10.1 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

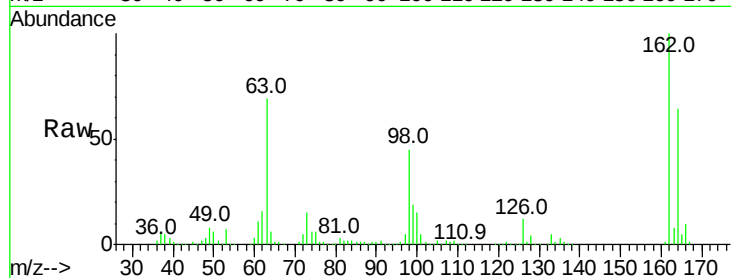




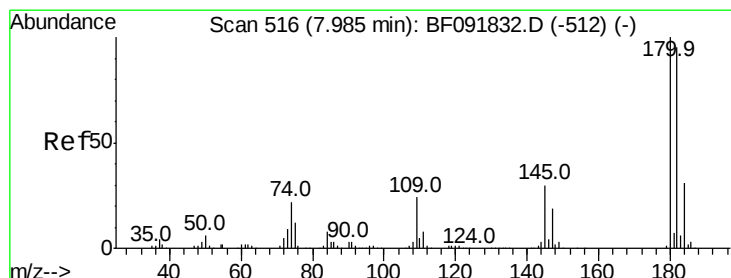
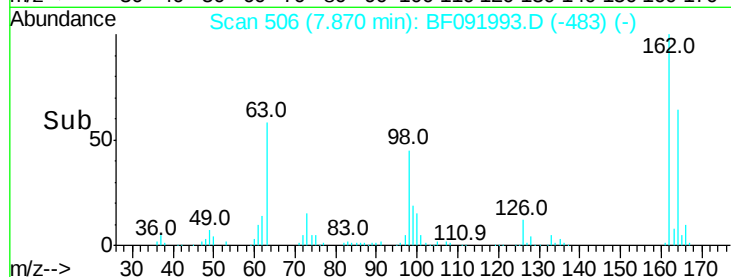
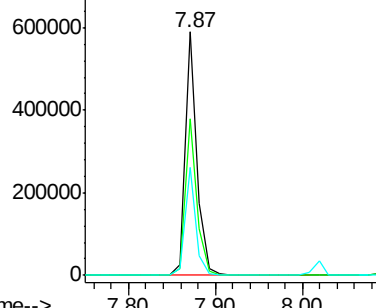
#29
 2,4-Dichlorophenol
 Concen: 40.70 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.03 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	46.8	86.8
98	44.5	9.1	49.1

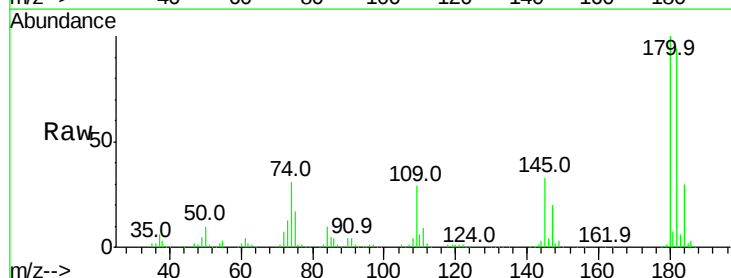


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

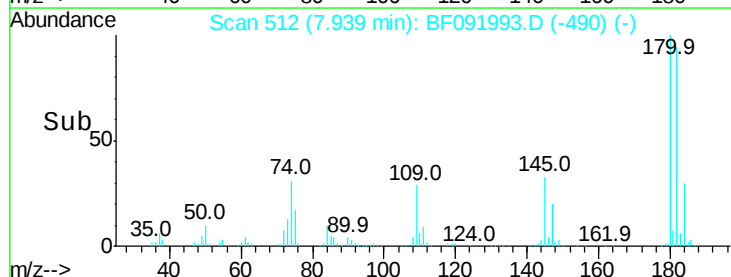
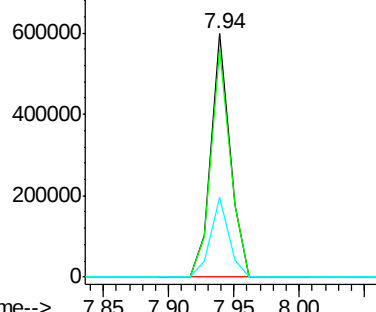


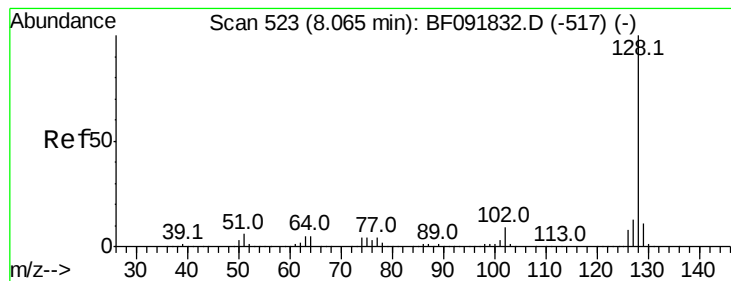
#30
 1,2,4-Trichlorobenzene
 Concen: 40.07 ng
 RT: 7.94 min Scan# 512
 Delta R.T. -0.05 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	78.2	117.4
145	32.6	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: 39.94 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

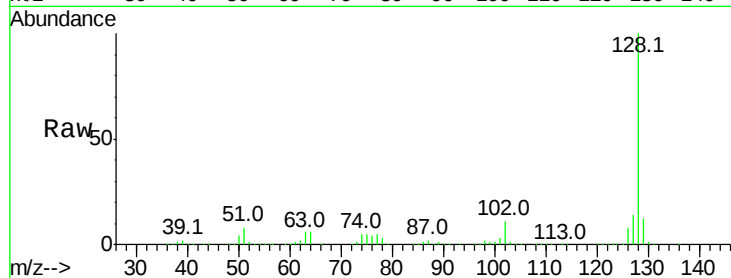
Tot Ion:128 Resp: 1898894

Ion Ratio Lower Upper

128 100

129 11.8 9.5 14.3

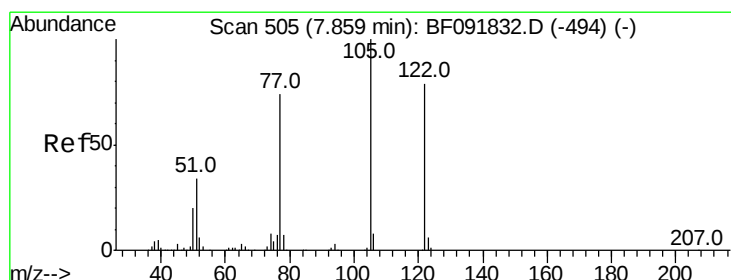
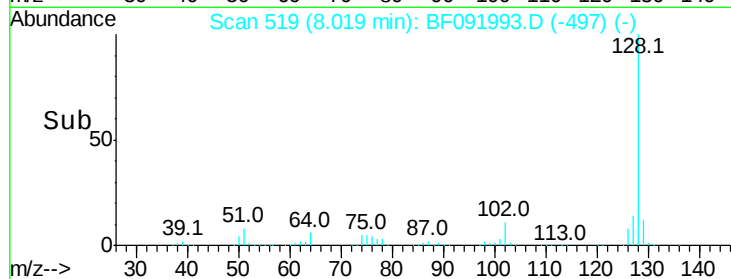
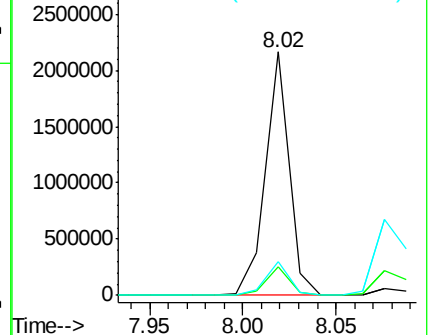
127 13.9 10.8 16.2



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: 36.05 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

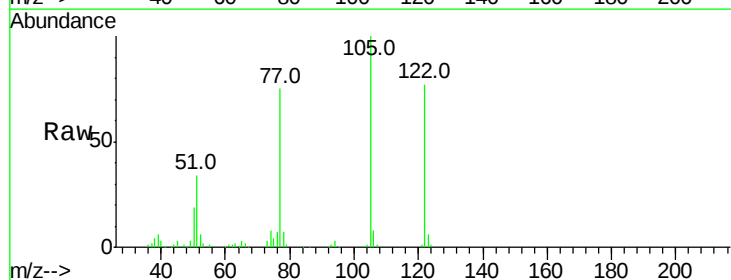
Tgt Ion:122 Resp: 435124

Ion Ratio Lower Upper

122 100

105 130.1 107.2 147.2

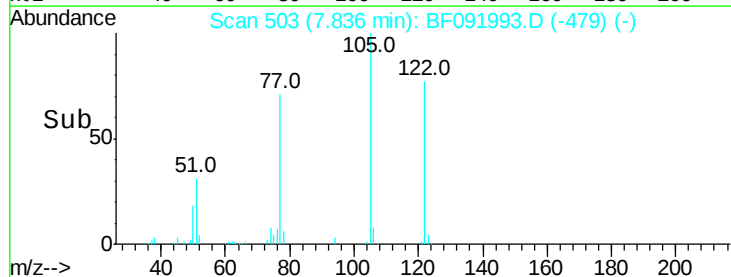
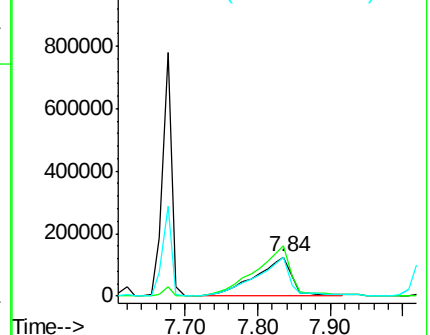
77 97.9 74.5 114.5

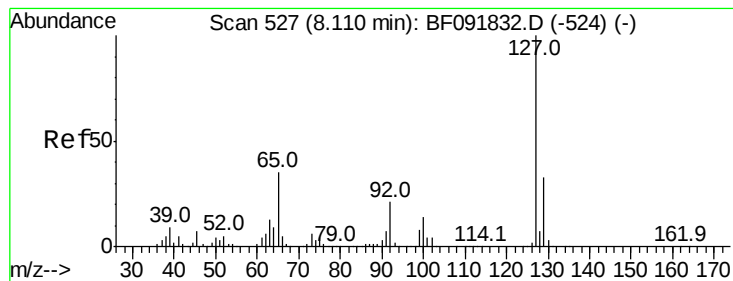


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.90 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 834026

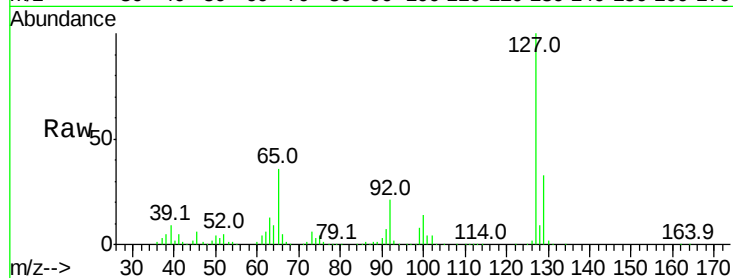
Ion Ratio Lower Upper

127 100

129 33.1 26.3 39.5

65 35.7 25.8 38.8

92 20.9 16.1 24.1

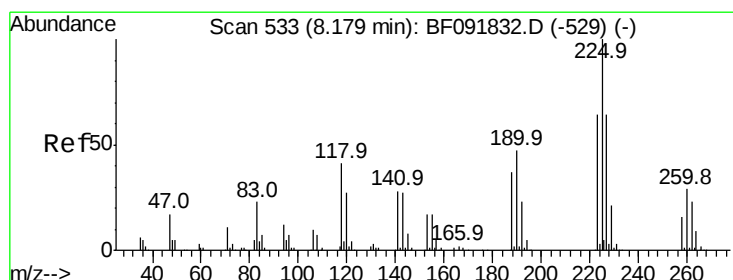
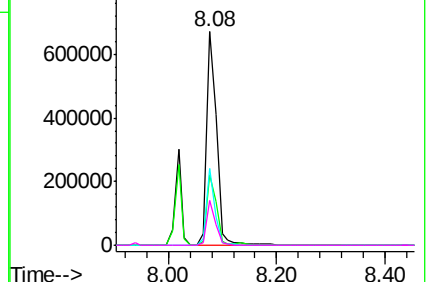
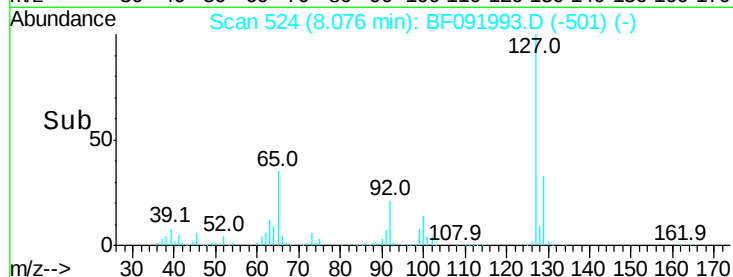


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 44.71 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

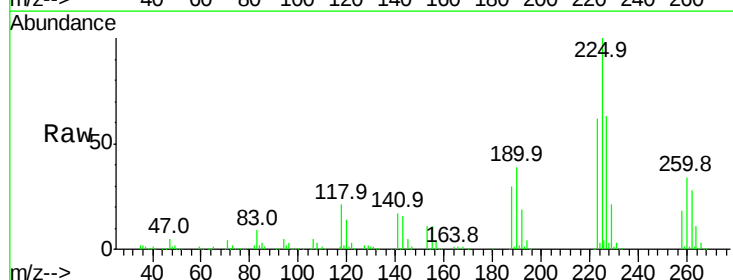
Tgt Ion:225 Resp: 356387

Ion Ratio Lower Upper

225 100

223 62.0 51.0 76.6

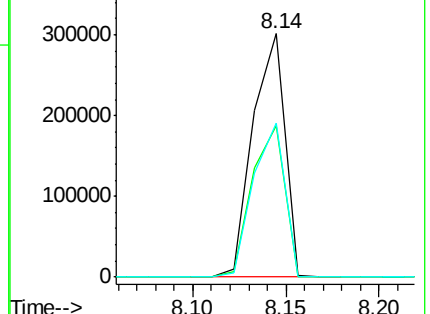
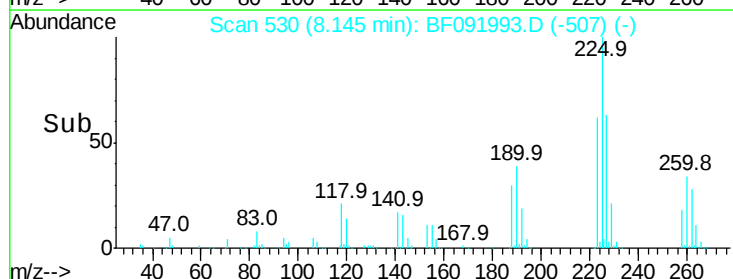
227 63.4 50.6 76.0

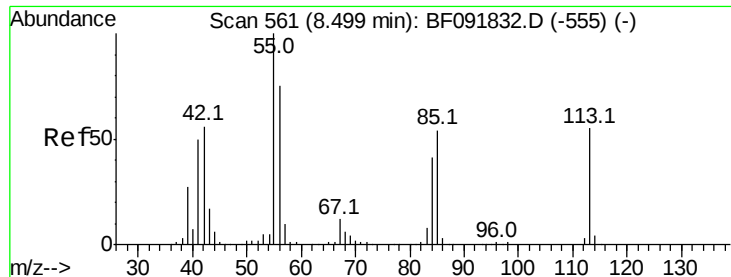


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.44 ng

RT: 8.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

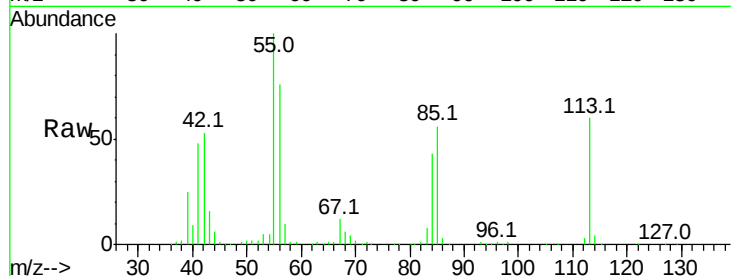
Tot Ion:113 Resp: 196747

Ion Ratio Lower Upper

113 100

55 165.5 119.2 159.2#

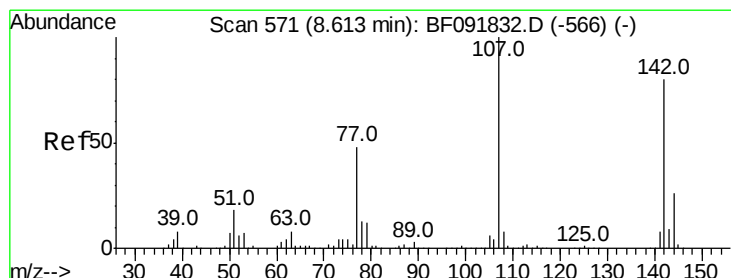
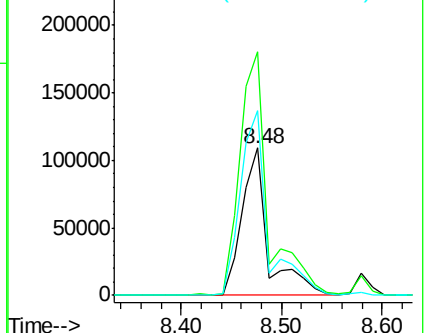
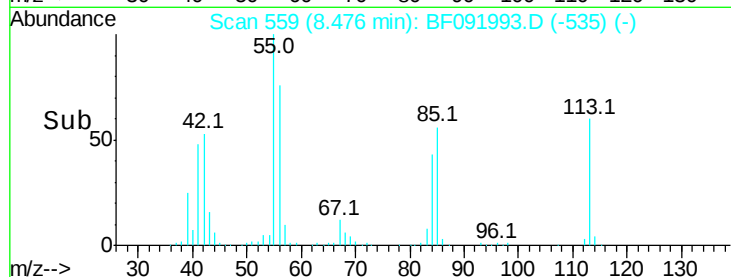
56 125.7 83.8 123.8#



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: 36.63 ng

RT: 8.58 min Scan# 568

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

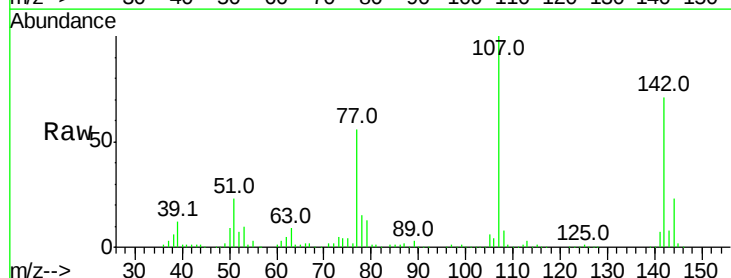
Tgt Ion:107 Resp: 580889

Ion Ratio Lower Upper

107 100

144 22.7 19.3 28.9

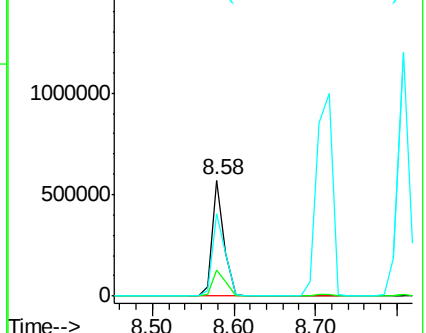
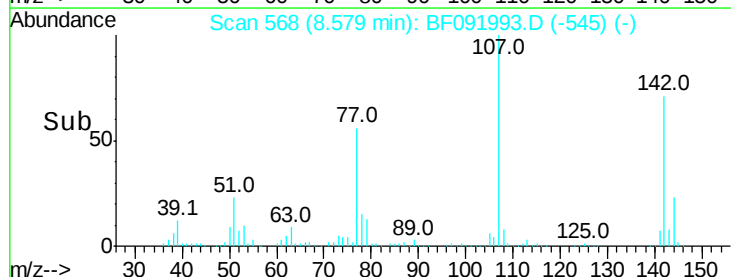
142 71.2 59.0 88.6

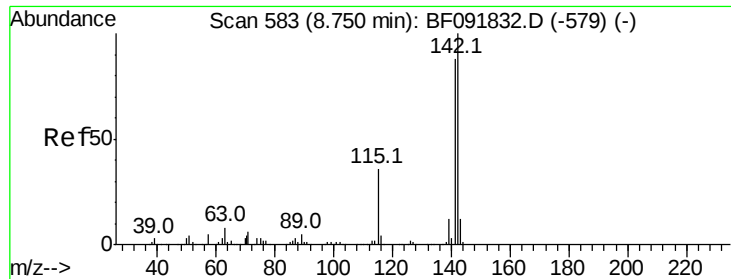


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.52 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

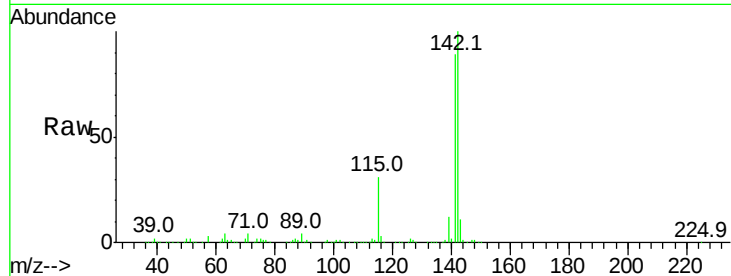
Tot Ion:142 Resp: 1324069

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6

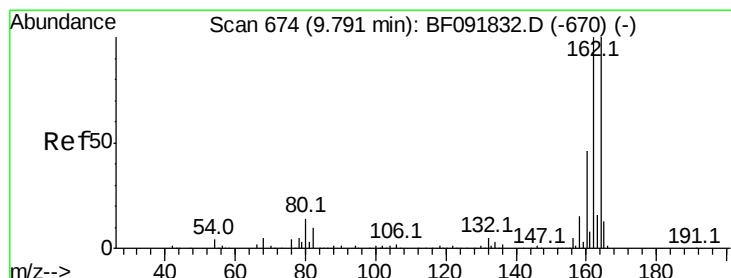
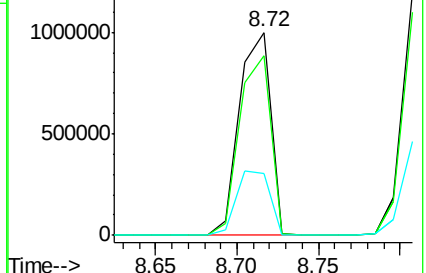
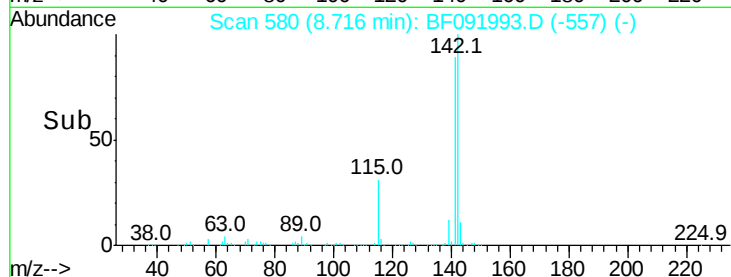
115 30.7 28.3 42.5



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: 9.76 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

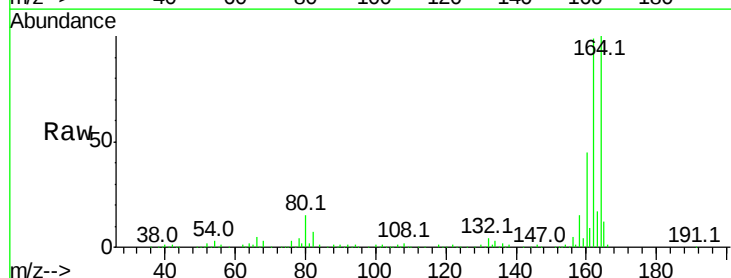
Tgt Ion:164 Resp: 562914

Ion Ratio Lower Upper

164 100

162 99.0 80.2 120.2

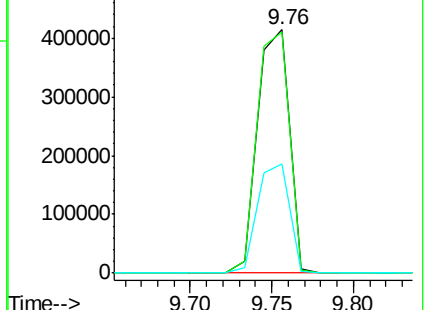
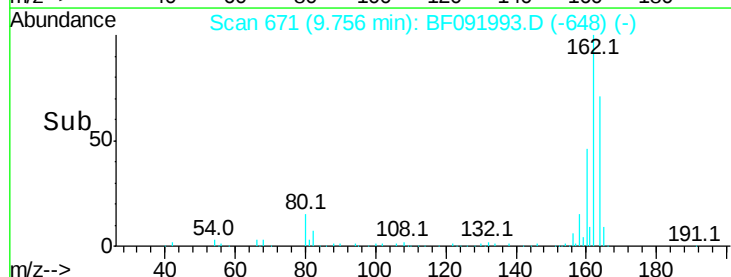
160 44.7 36.9 55.3

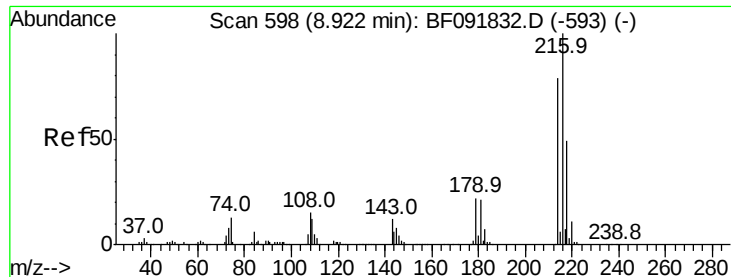


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

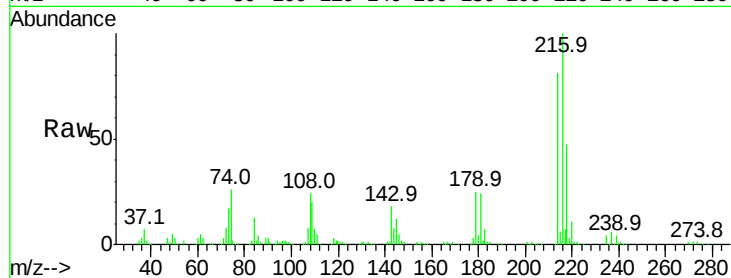




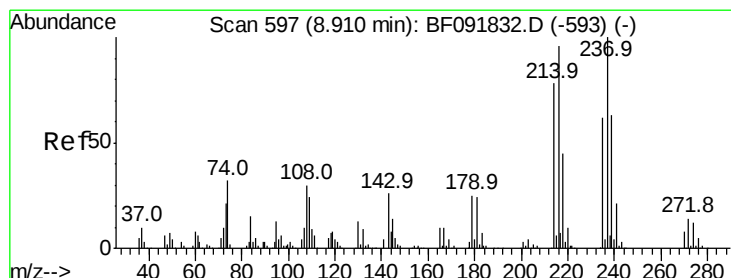
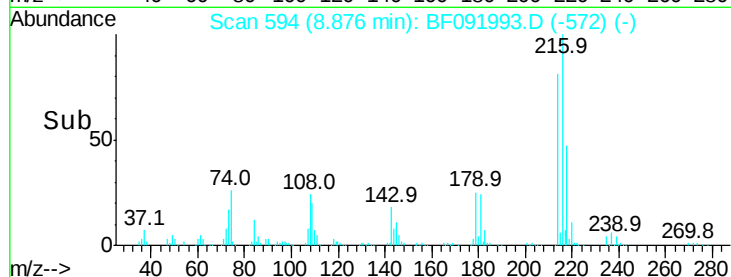
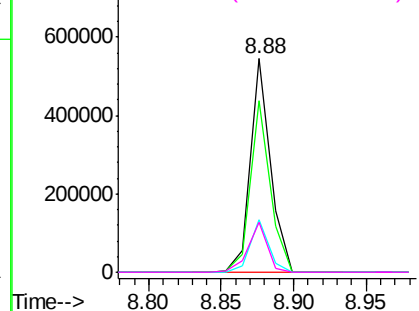
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.64 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.05 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	521165
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.0
179	22.6	17.4	26.2
108	22.6	15.6	23.4

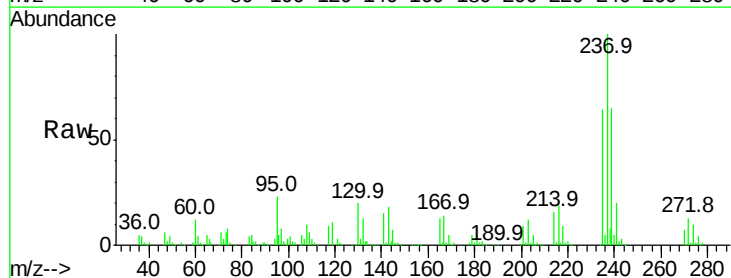


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

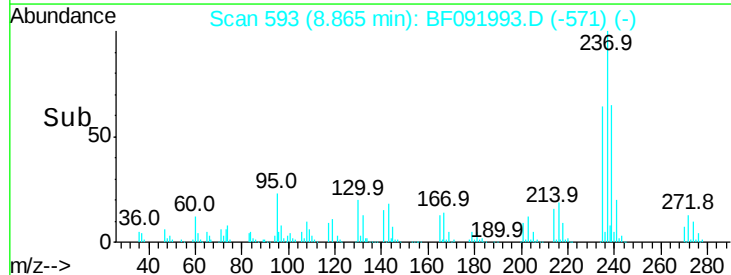
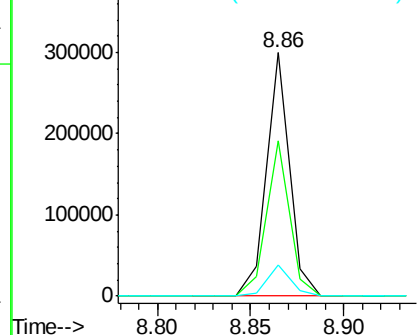


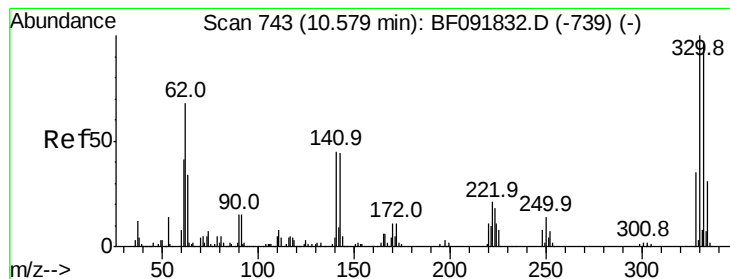
#40
 Hexachlorocyclopentadiene
 Concen: 42.24 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.05 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Tgt Ion:	237	Resp:	255007
Ion	Ratio	Lower	Upper
237	100		
235	63.9	41.2	81.2
272	12.7	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: 85.83 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :
BNA_F
ClientSampleId :

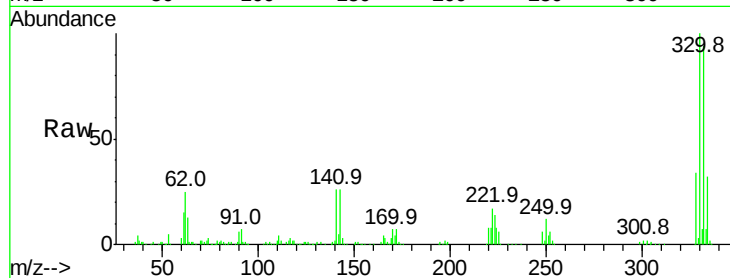
Tot Ion:330 Resp: 399854

Ion Ratio Lower Upper

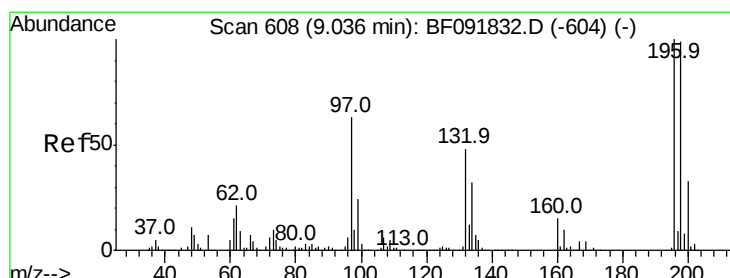
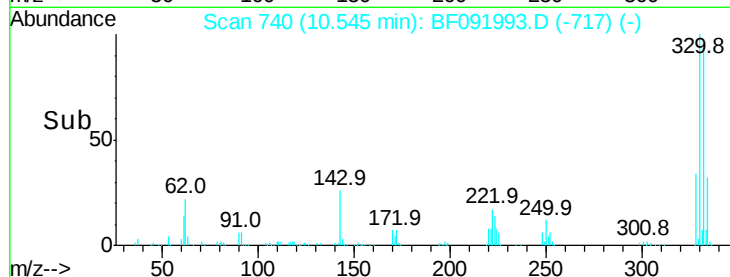
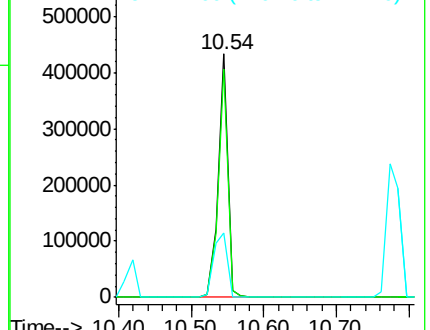
330 100

332 93.7 77.4 116.2

141 37.6 34.1 51.1



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



#42

2,4,6-Trichlorophenol

Concen: 41.17 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

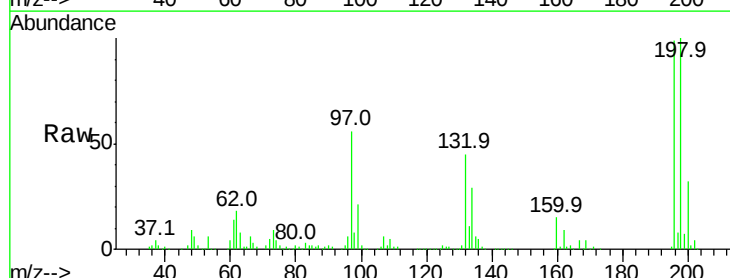
Tgt Ion:196 Resp: 409527

Ion Ratio Lower Upper

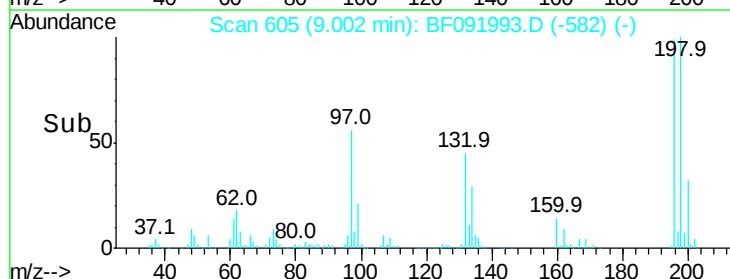
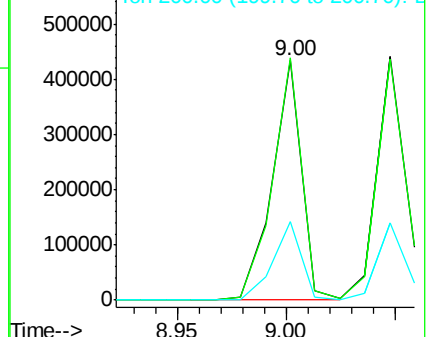
196 100

198 101.1 82.1 123.1

200 32.6 27.0 40.4



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

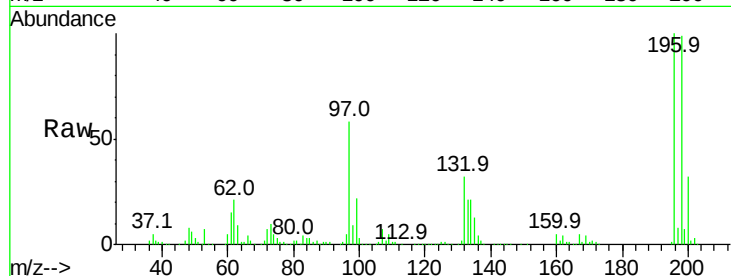




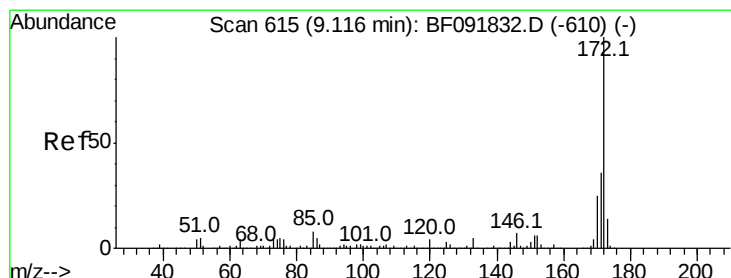
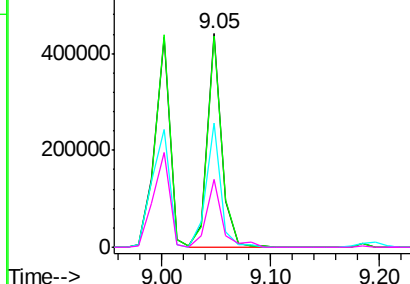
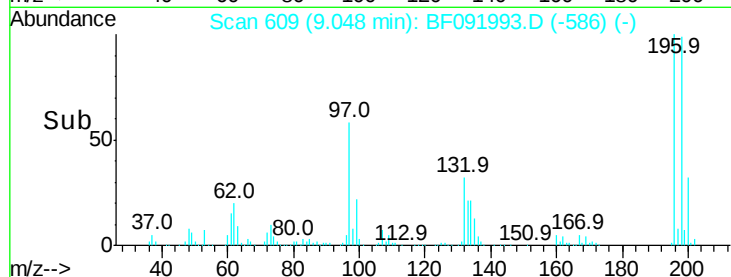
#43
 2,4,5-Trichlorophenol
 Concen: 39.82 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	407585
Ion	Ratio	Lower	Upper
196	100		
198	98.8	79.4	119.2
97	58.0	51.5	77.3
132	31.8	27.4	41.2

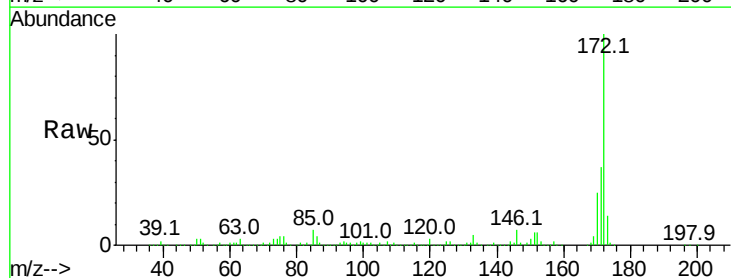


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

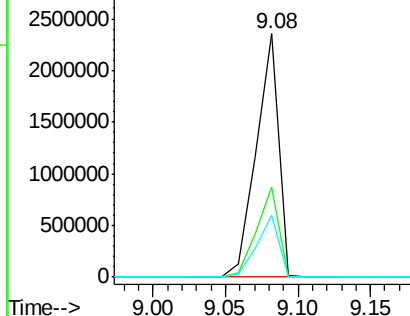
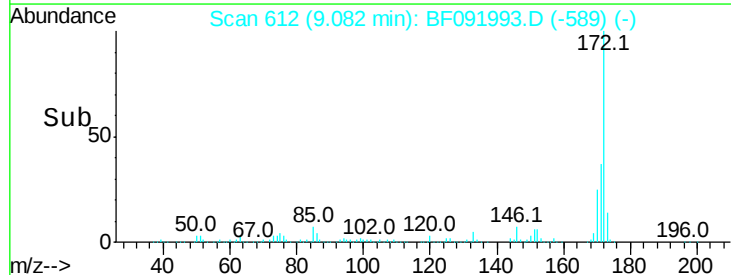


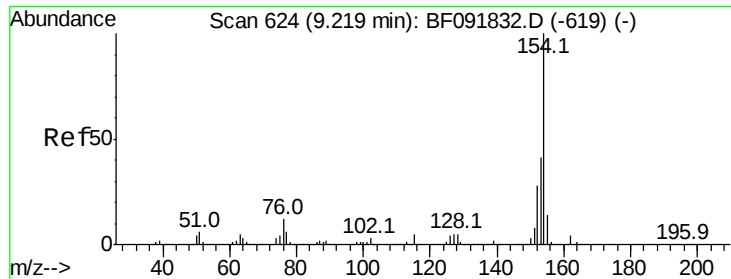
#44
 2-Fluorobiphenyl
 Concen: 92.62 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Tgt Ion:	172	Resp:	2512812
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.2	20.2	30.4



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

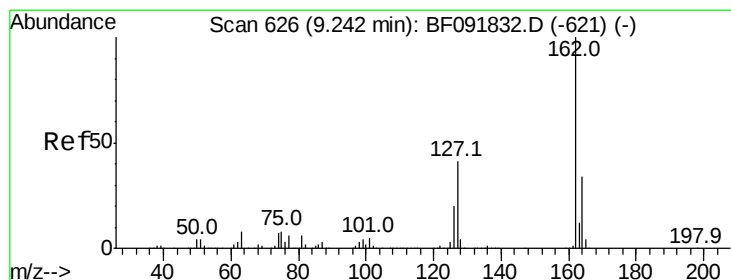
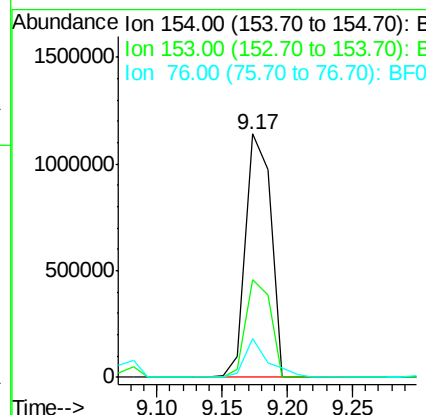
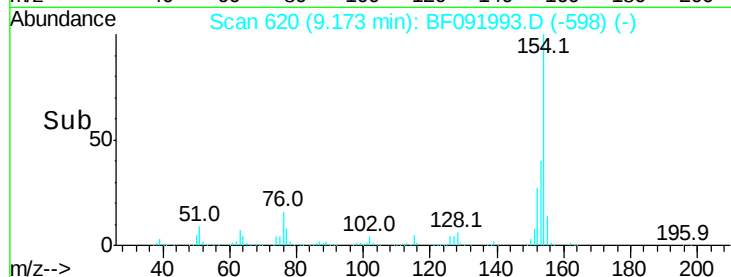
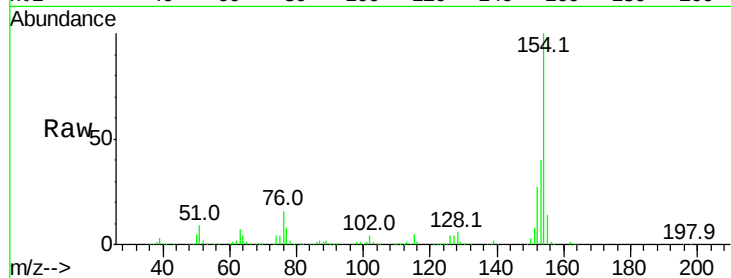




#45
 1,1'-Biphenyl
 Concen: 39.51 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

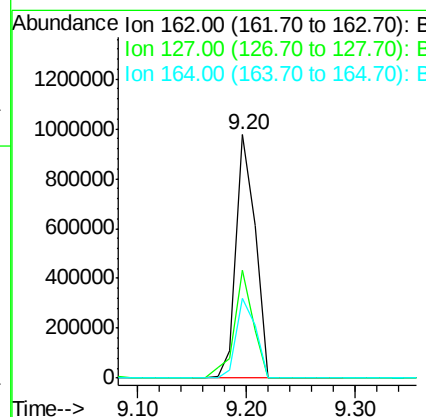
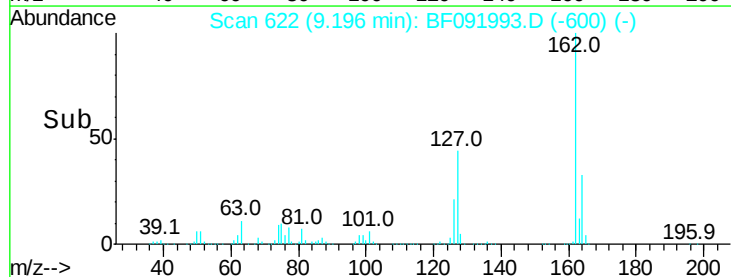
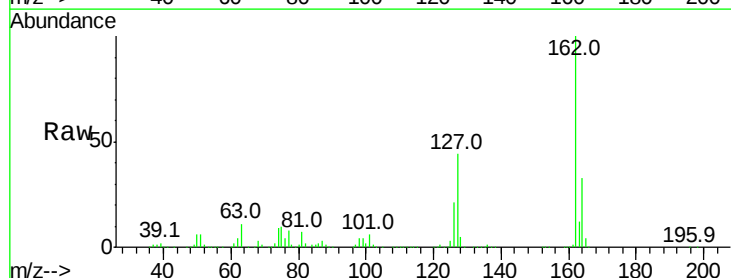
Instrument :
 BNA_F
 ClientSampleId :

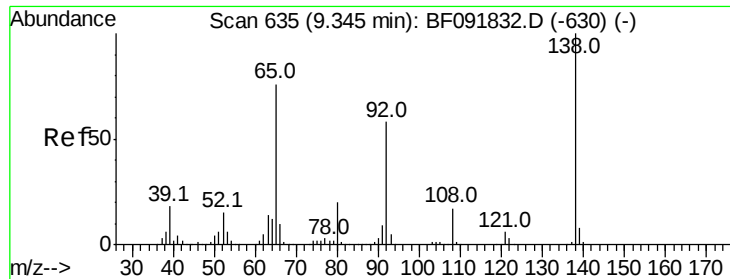
Tot Ion:154 Resp: 1522760
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.9 60.9
 76 15.7 0.0 30.5



#46
 2-Chloronaphthalene
 Concen: 38.50 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.05 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Tgt Ion:162 Resp: 1175110
 Ion Ratio Lower Upper
 162 100
 127 44.3 30.7 46.1
 164 32.6 27.6 41.4

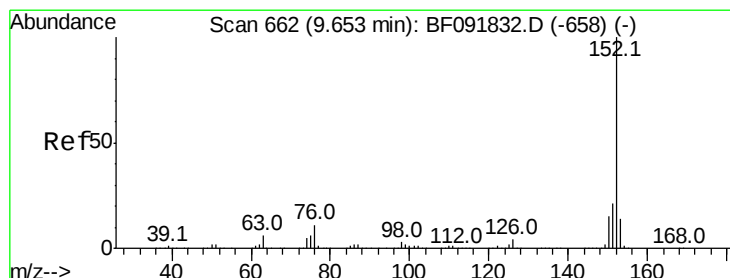
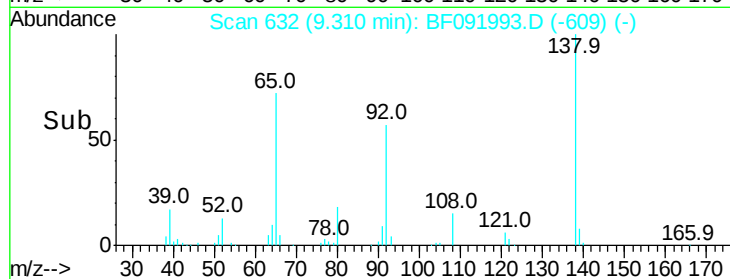
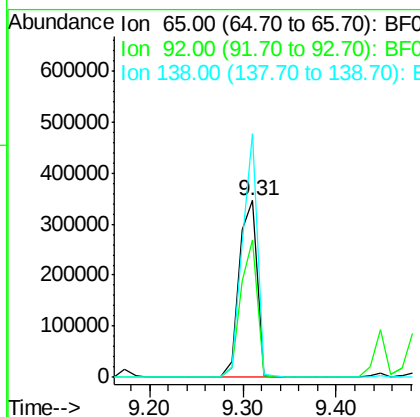
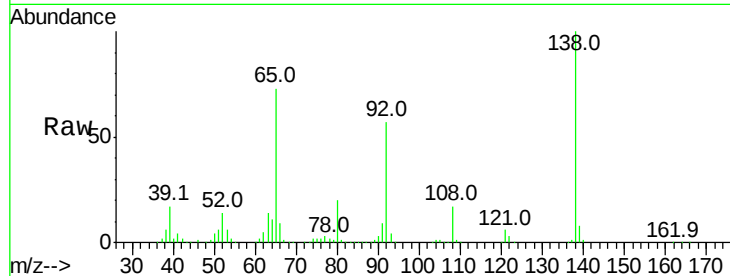




#47
 2-Nitroaniline
 Concen: 42.78 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.03 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

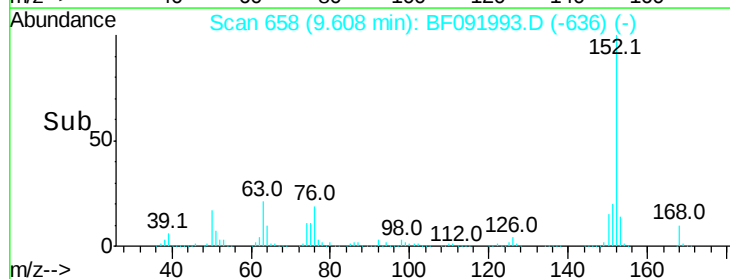
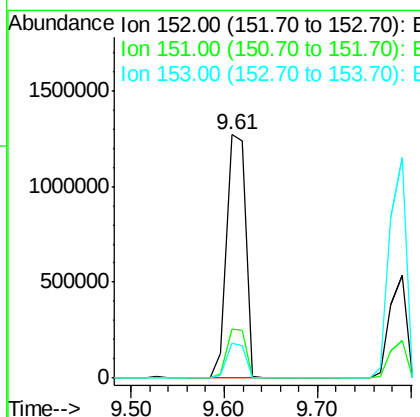
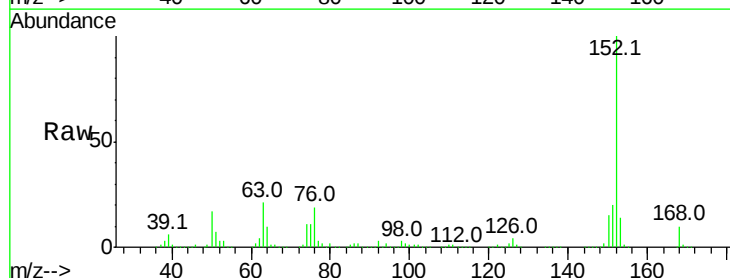
Instrument :
 BNA_F
 ClientSampleId :

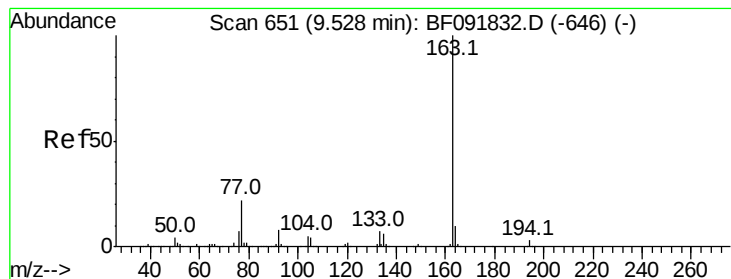
Tot Ion: 65 Resp: 464977
 Ion Ratio Lower Upper
 65 100
 92 78.1 53.9 80.9
 138 137.9 76.8 115.2#



#48
 Acenaphthylene
 Concen: 38.75 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.05 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Tgt Ion:152 Resp: 1819049
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.9 25.3
 153 14.4 11.4 17.2





#49

Dimethylphthalate

Concen: 42.23 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

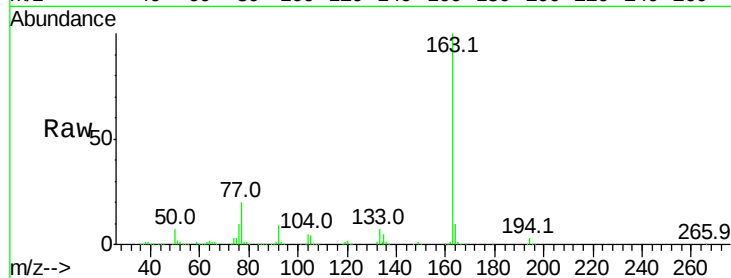
Tot Ion:163 Resp: 1520502

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

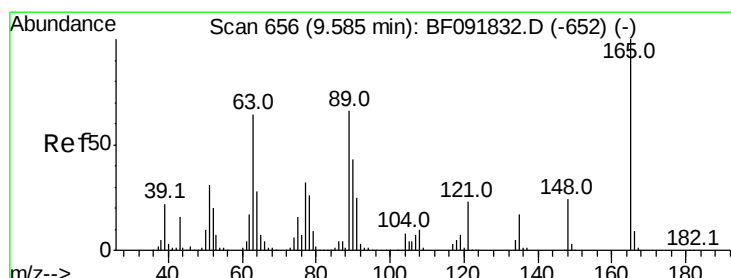
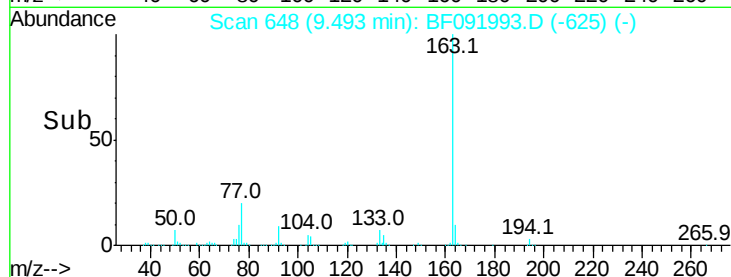
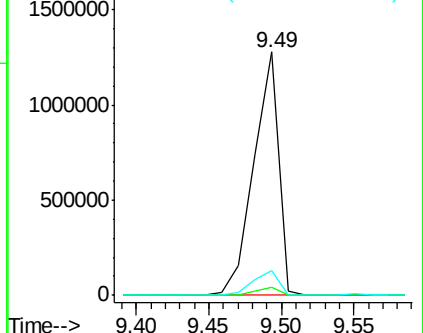
164 10.2 8.0 12.0



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: 41.63 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

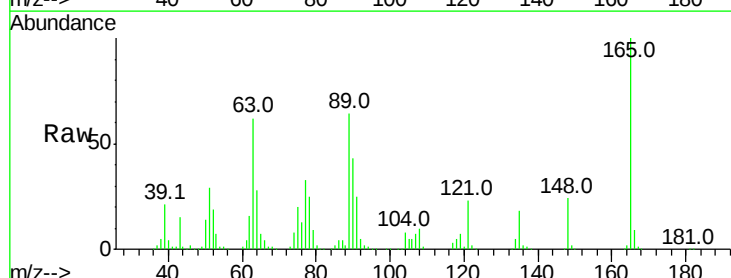
Tgt Ion:165 Resp: 328088

Ion Ratio Lower Upper

165 100

63 62.0 36.2 54.4#

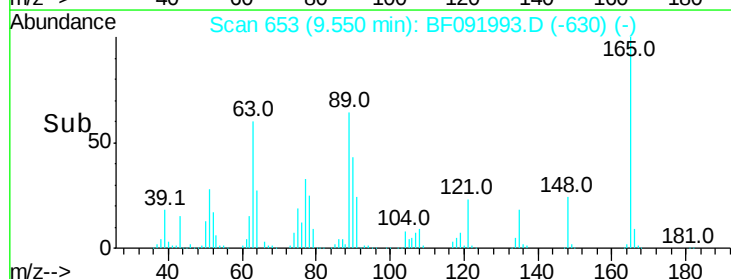
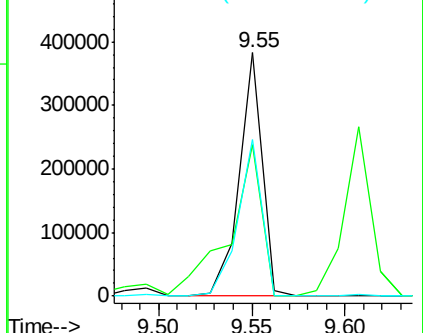
89 64.3 40.2 60.4#

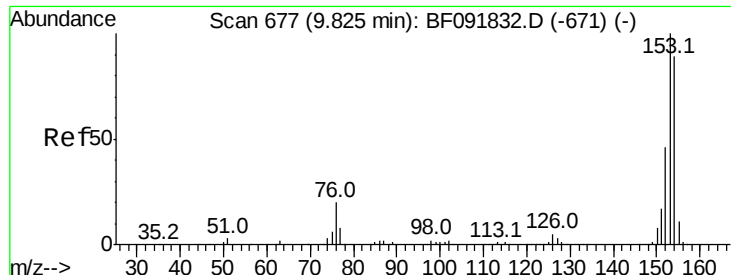


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.37 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampled :

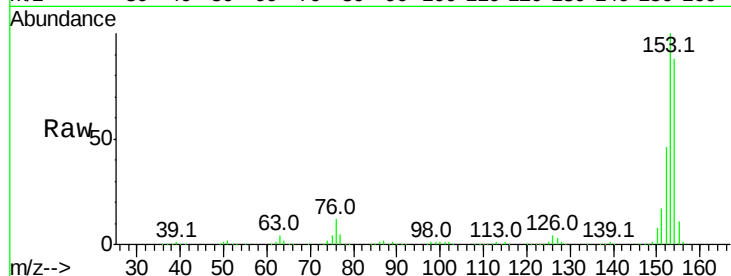
Tot Ion:154 Resp: 1252882

Ion Ratio Lower Upper

154 100

153 113.3 88.6 133.0

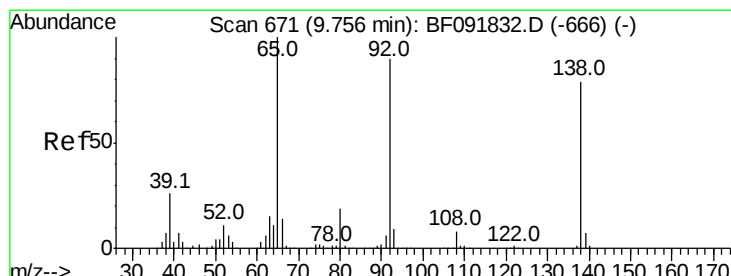
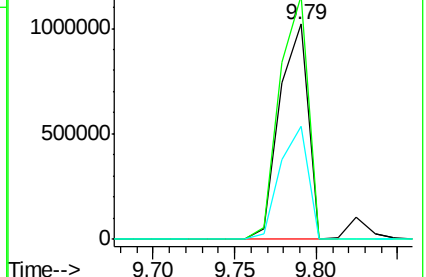
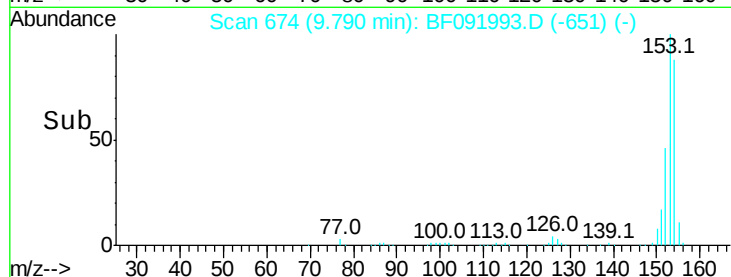
152 52.5 41.6 62.4



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: 39.79 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

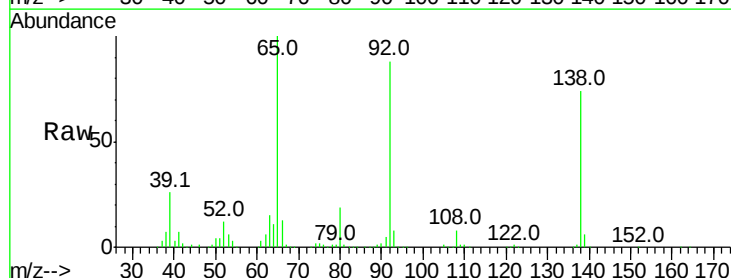
Tgt Ion:138 Resp: 388034

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

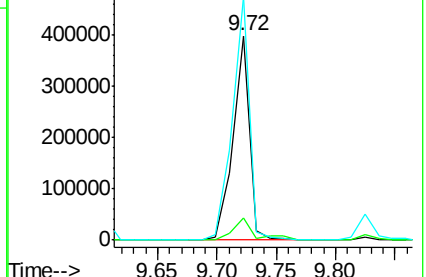
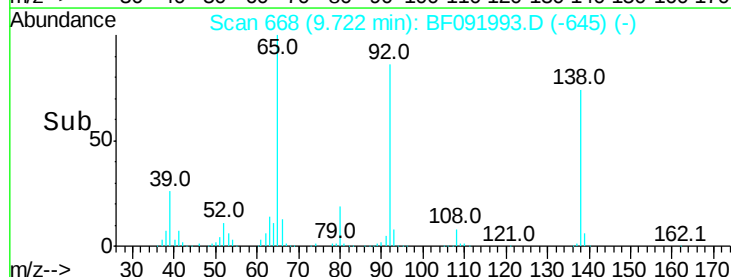
92 119.1 97.8 146.8

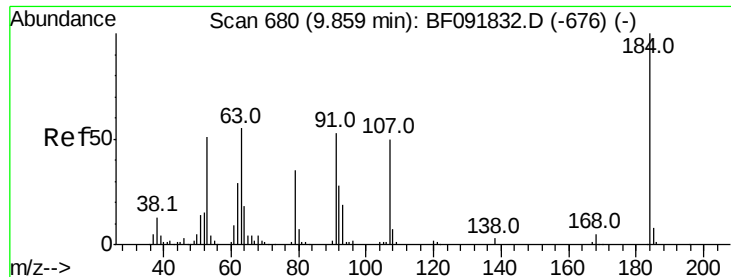


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

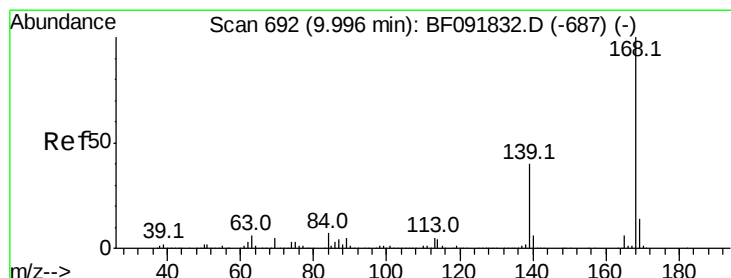
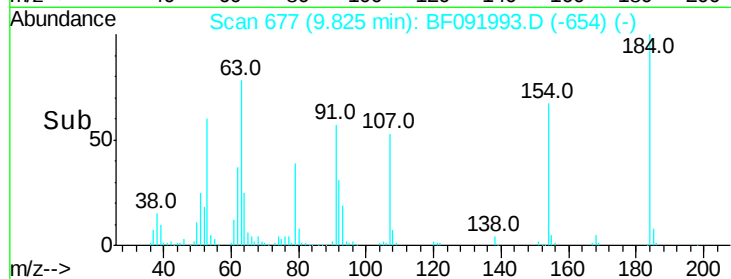
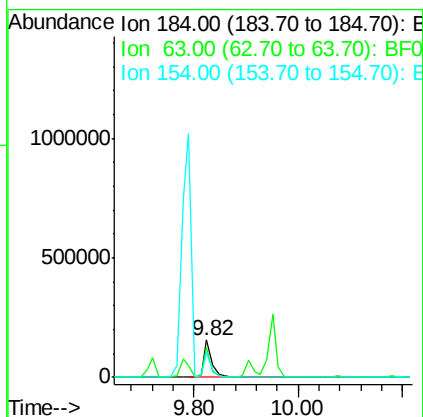
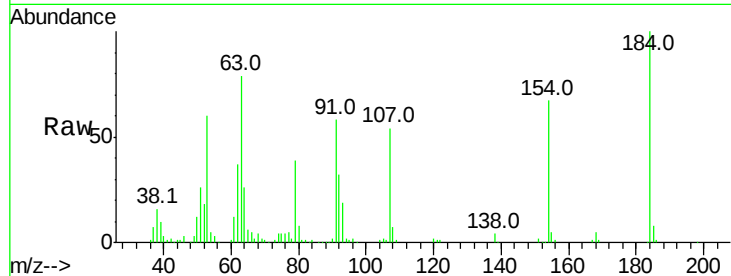




#53
 2,4-Dinitrophenol
 Concen: 40.74 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

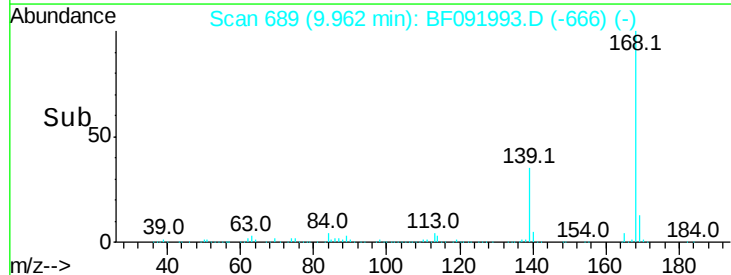
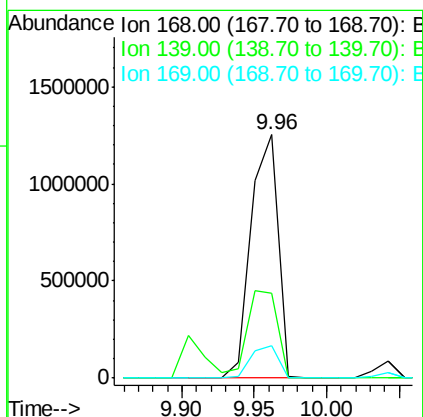
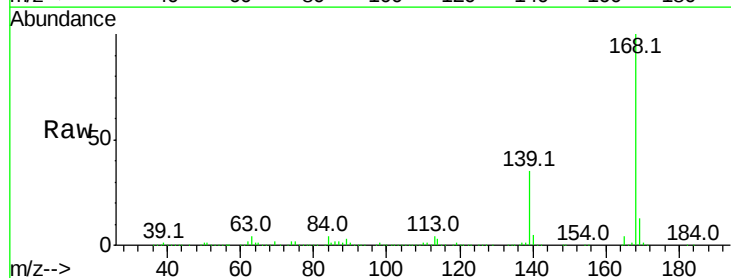
Instrument :
 BNA_F
 ClientSampleId :

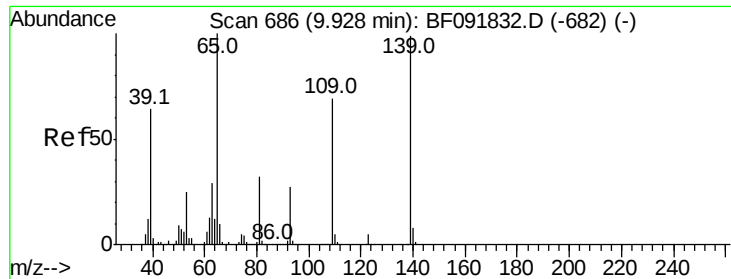
Tot Ion:184 Resp: 178650
 Ion Ratio Lower Upper
 184 100
 63 79.3 28.4 42.6#
 154 66.7 44.3 66.5#



#54
 Dibenzofuran
 Concen: 37.65 ng
 RT: 9.96 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Tgt Ion:168 Resp: 1618255
 Ion Ratio Lower Upper
 168 100
 139 34.9 32.6 49.0
 169 13.2 11.3 16.9

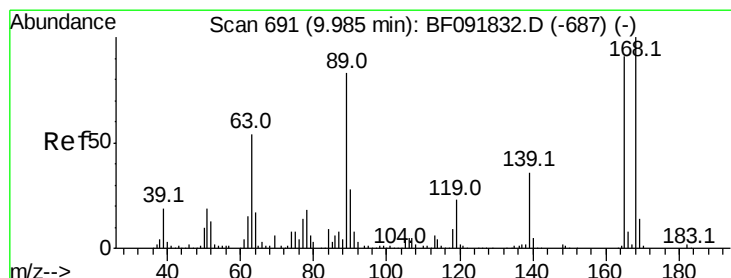
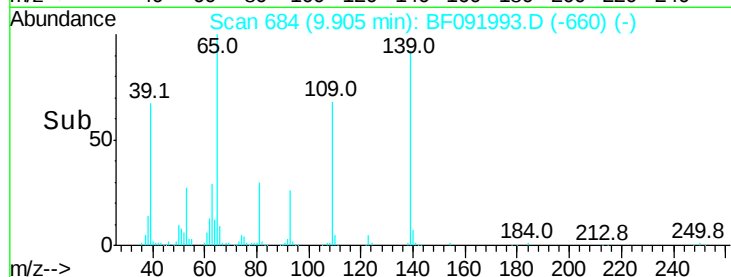
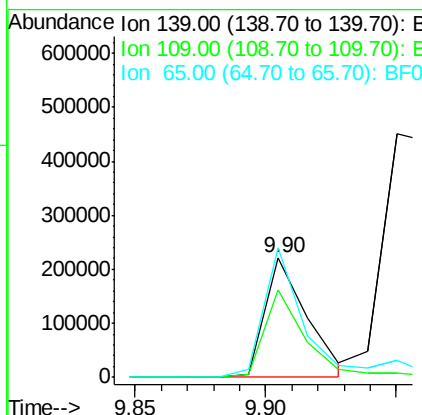
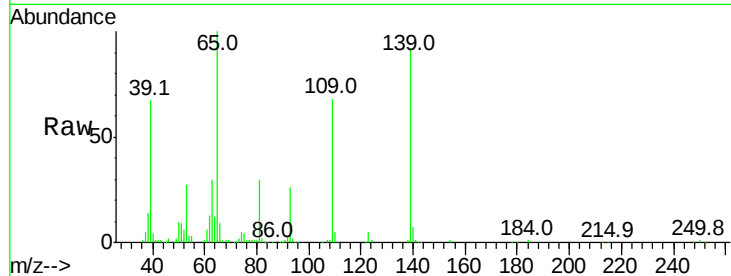




#55
4-Nitrophenol
Concen: 37.51 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF091993.D
Acq: 28 Dec 2016 14:41

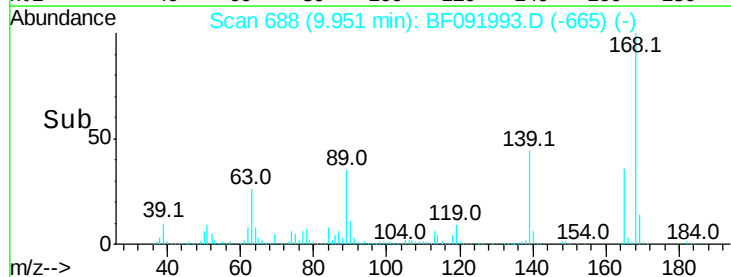
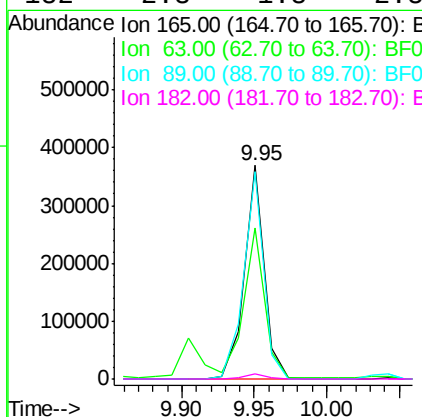
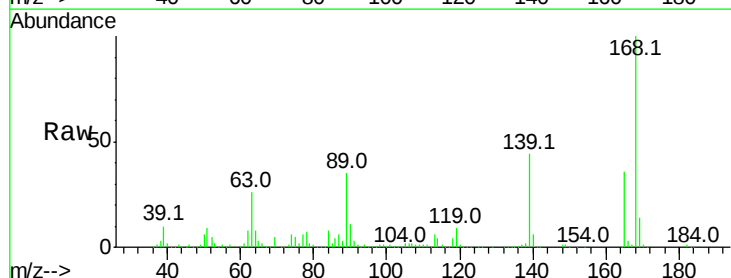
Instrument :
BNA_F
ClientSampleId :

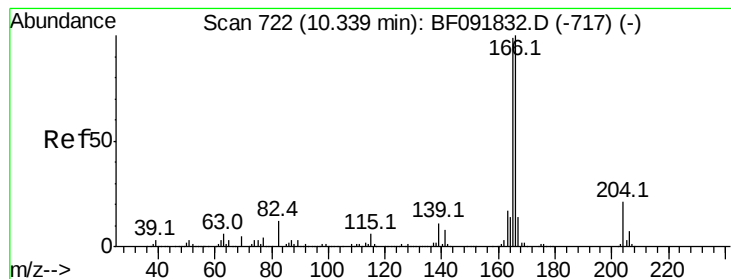
Tot Ion:139 Resp: 248379
Ion Ratio Lower Upper
139 100
109 73.6 52.2 92.2
65 108.7 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 35.47 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF091993.D
Acq: 28 Dec 2016 14:41

Tgt Ion:165 Resp: 350853
Ion Ratio Lower Upper
165 100
63 70.8 40.2 60.4#
89 97.1 62.5 93.7#
182 2.3 1.8 2.8





#57

Fluorene

Concen: 38.51 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.05 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

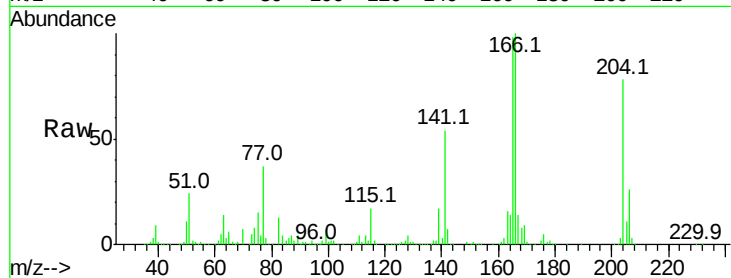
Tot Ion:166 Resp: 1204218

Ion Ratio Lower Upper

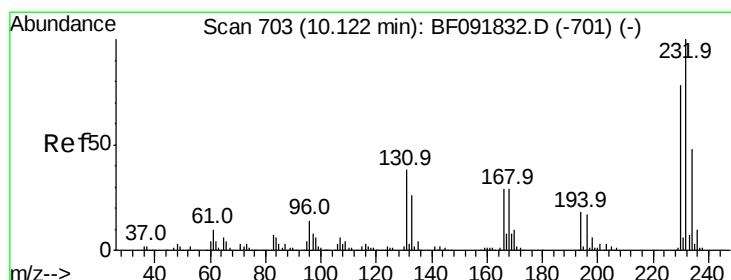
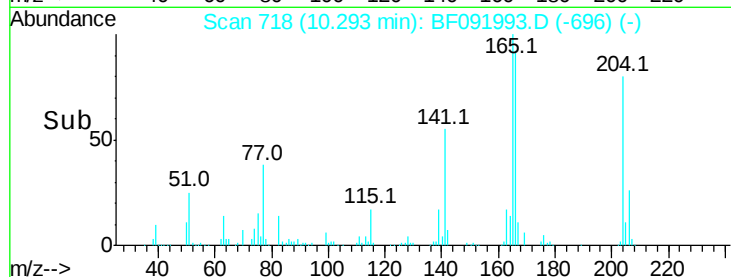
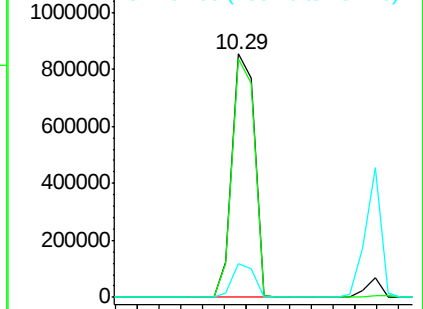
166 100

165 98.0 77.8 116.8

167 14.0 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: 40.92 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Tgt Ion:232 Resp: 331285

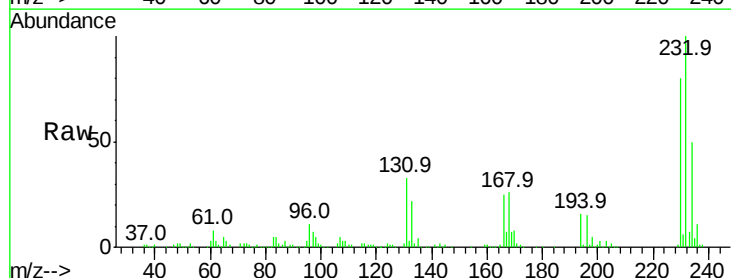
Ion Ratio Lower Upper

232 100

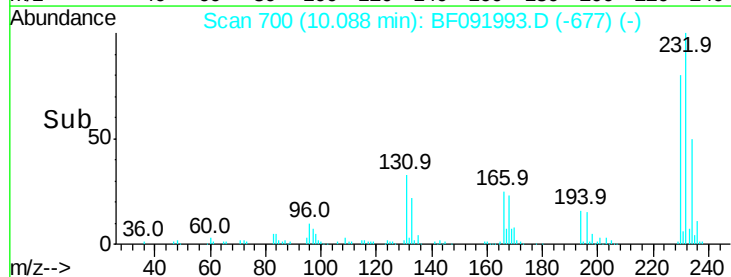
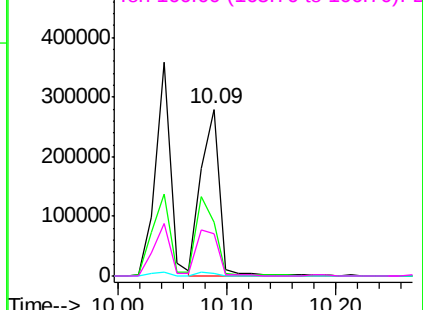
131 48.8 40.1 60.1

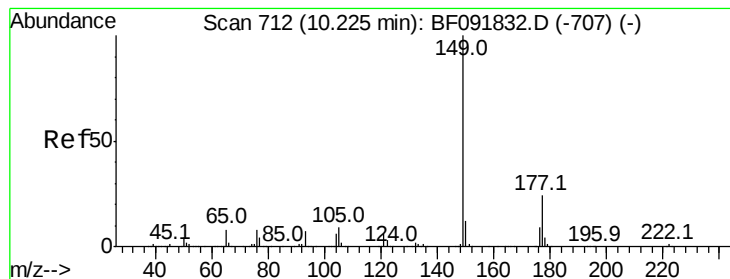
130 2.2 1.8 2.8

166 31.4 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: 40.83 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.05 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampled :

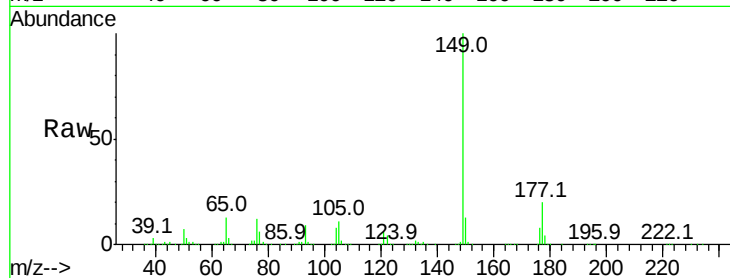
Tot Ion:149 Resp: 1427656

Ion Ratio Lower Upper

149 100

177 20.2 16.6 25.0

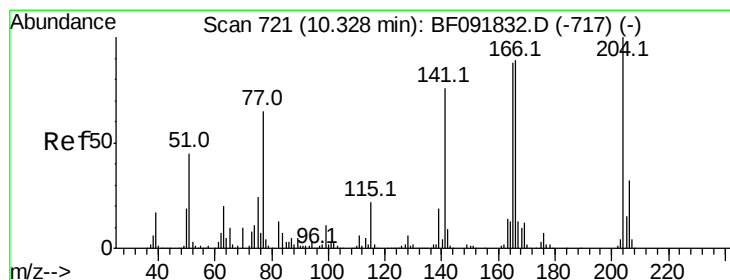
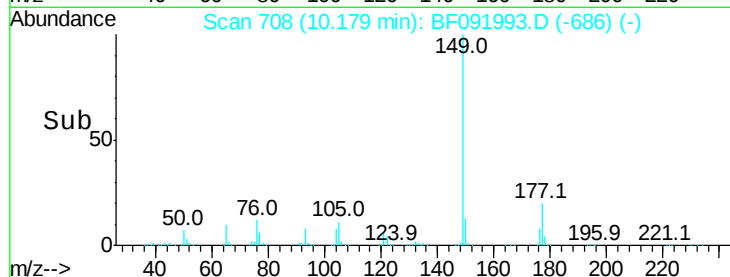
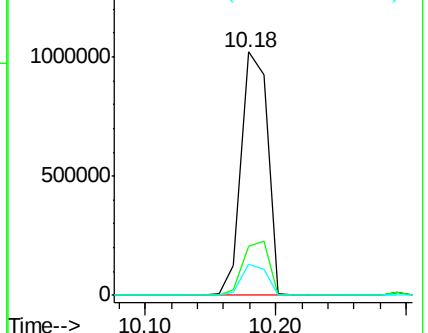
150 13.0 10.4 15.6



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: 41.09 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

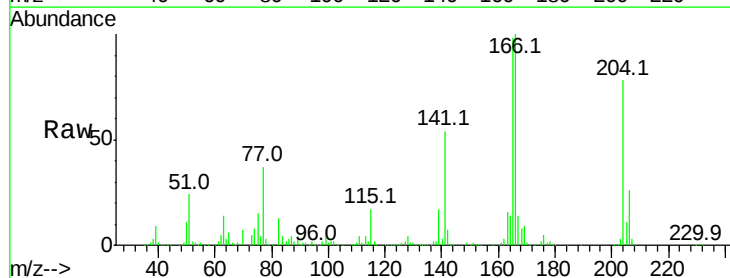
Tgt Ion:204 Resp: 562564

Ion Ratio Lower Upper

204 100

206 33.0 25.8 38.6

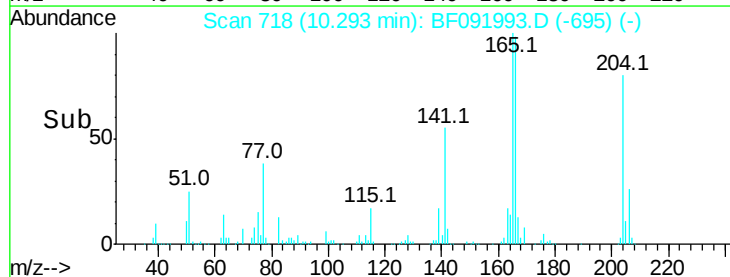
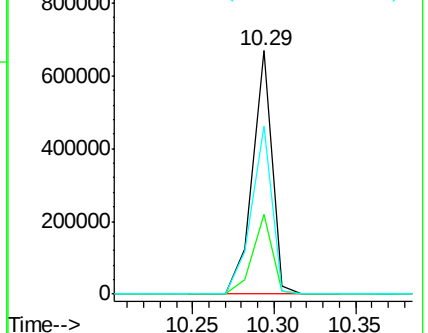
141 69.0 59.4 89.0

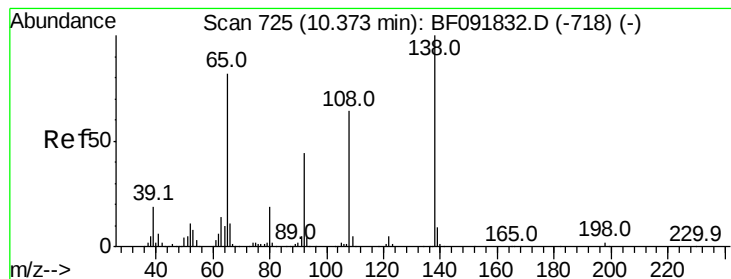


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.50 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

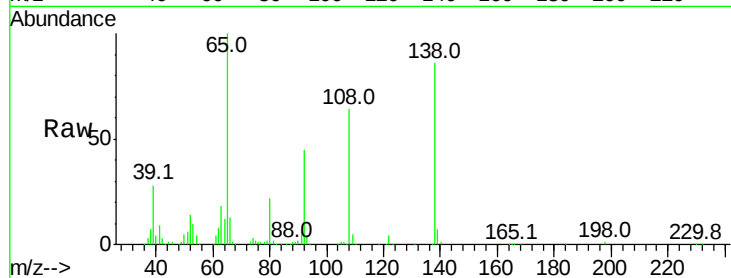
Tot Ion:138 Resp: 378992

Ion Ratio Lower Upper

138 100

92 52.1 31.7 71.7

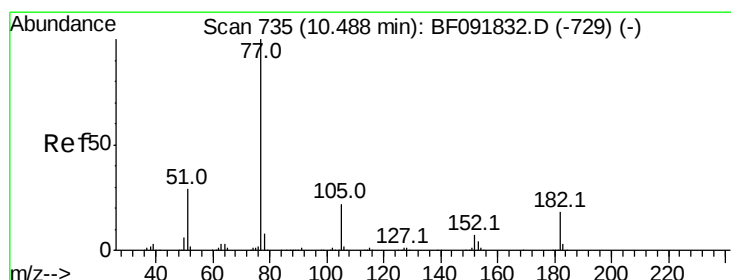
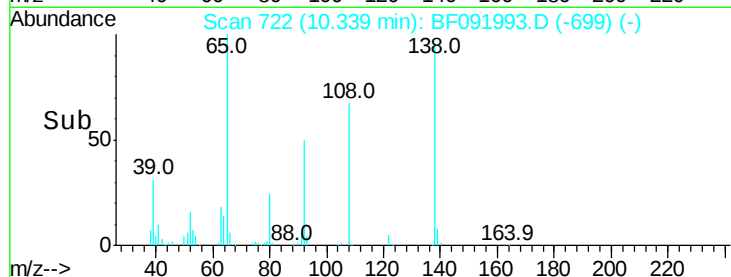
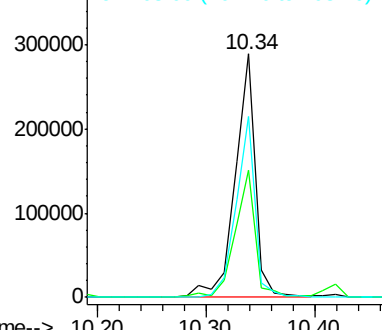
108 74.3 52.6 92.6



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: 43.23 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Tgt Ion: 77 Resp: 1664376

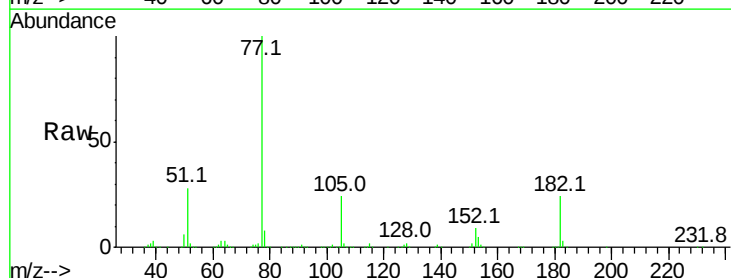
Ion Ratio Lower Upper

77 100

182 23.6 0.0 39.3

105 23.5 2.3 42.3

51 27.8 8.9 48.9

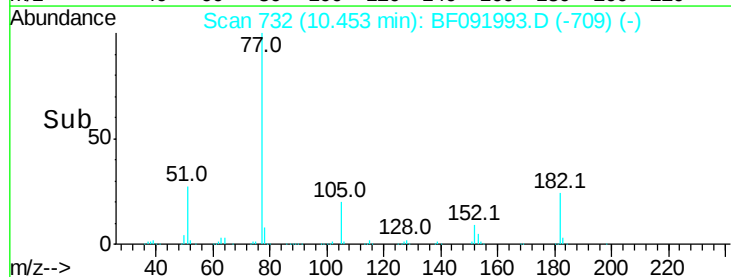
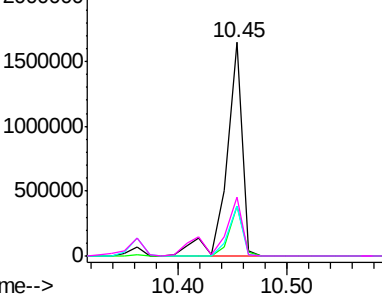


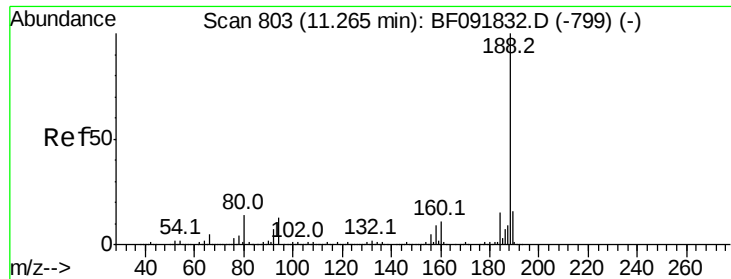
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.23 min Scan# 800

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

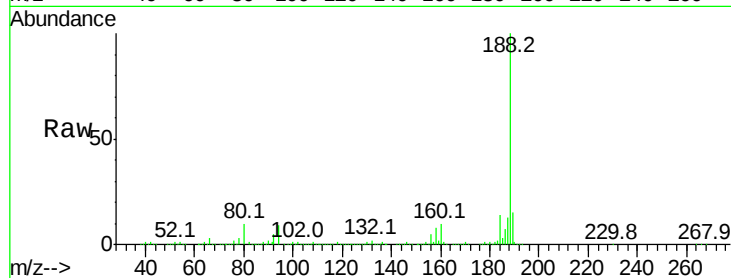
Tot Ion:188 Resp: 908213

Ion Ratio Lower Upper

188 100

94 9.3 10.0 15.0#

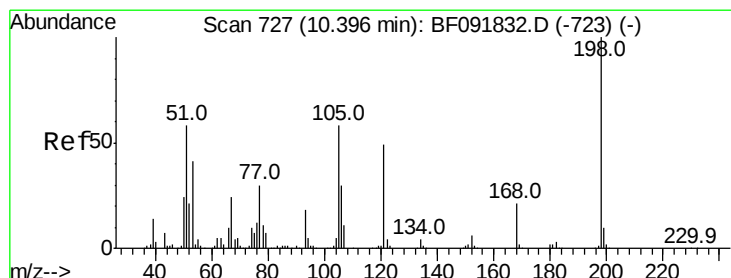
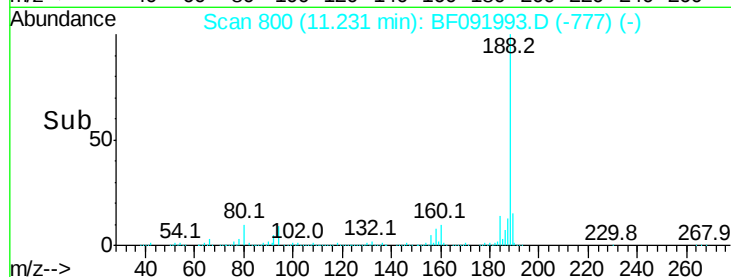
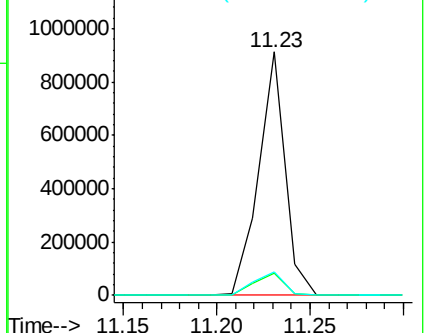
80 9.9 11.2 16.8#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 42.50 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

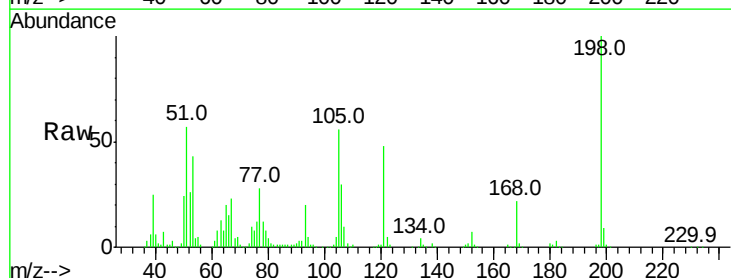
Tgt Ion:198 Resp: 233398

Ion Ratio Lower Upper

198 100

51 57.0 6.7 46.7#

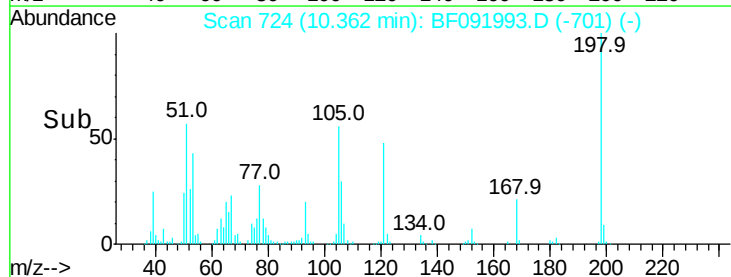
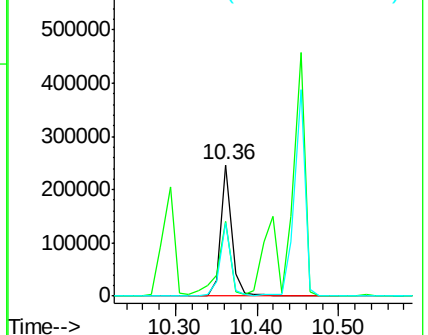
105 56.4 16.6 56.6

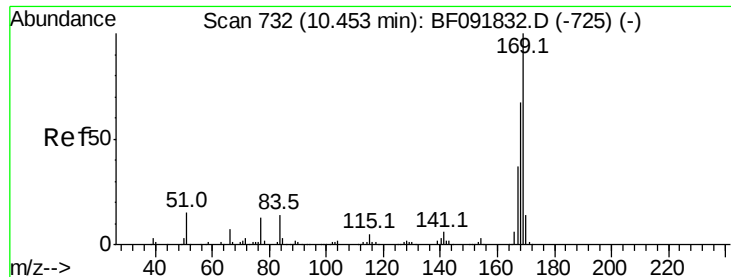


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.42 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

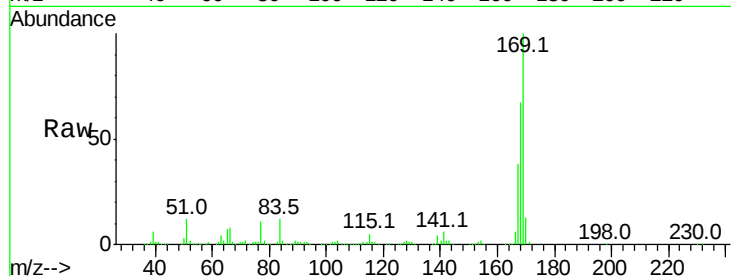
Tot Ion:169 Resp: 1197014

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.2

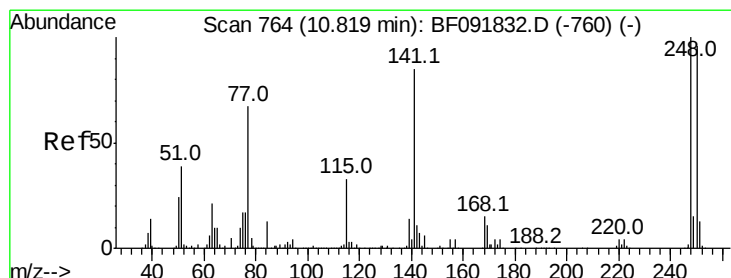
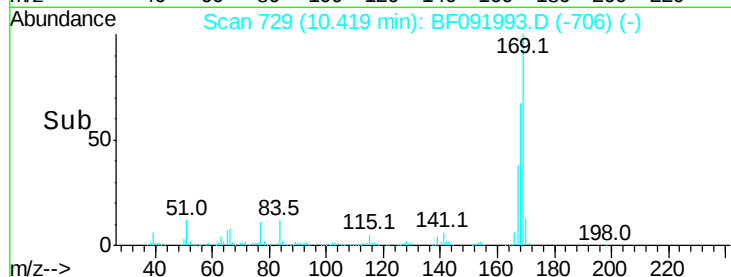
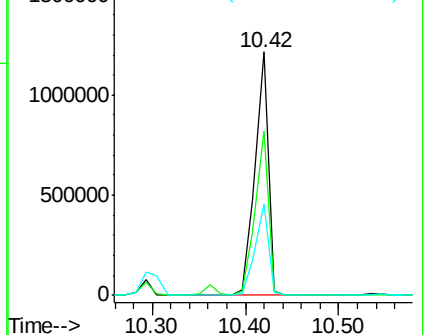
167 37.5 30.2 45.4



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: 43.43 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

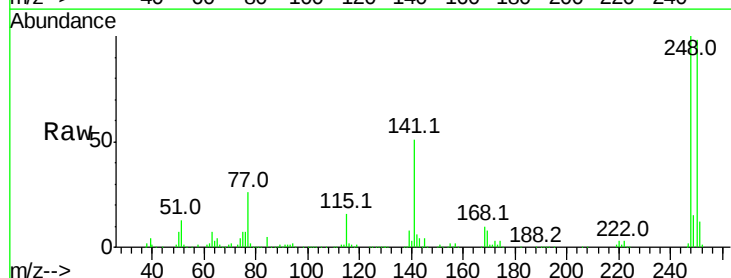
Tgt Ion:248 Resp: 410267

Ion Ratio Lower Upper

248 100

250 97.9 76.9 115.3

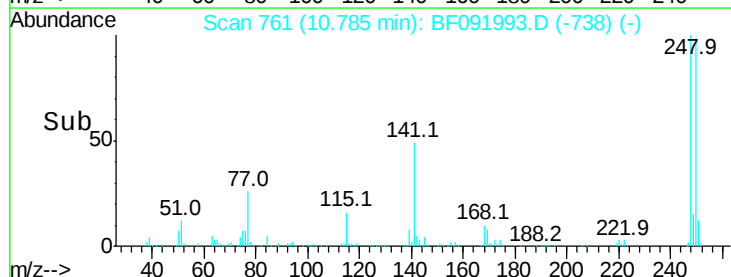
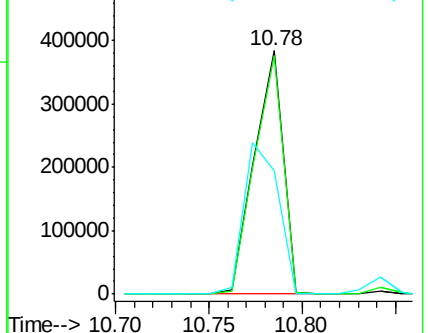
141 50.7 68.2 102.4#



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: 38.30 ng

RT: 10.84 min Scan# 766

Delta R.T. -0.05 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampled :

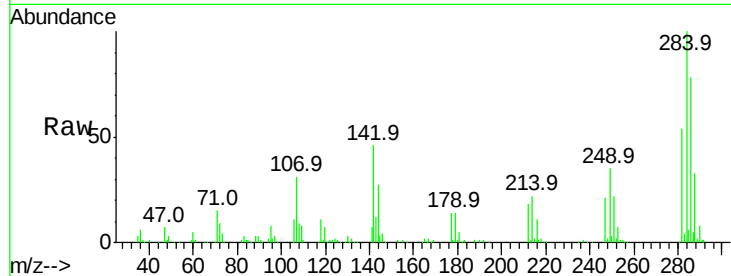
Tot Ion:284 Resp: 386757

Ion Ratio Lower Upper

284 100

142 46.0 22.6 33.8#

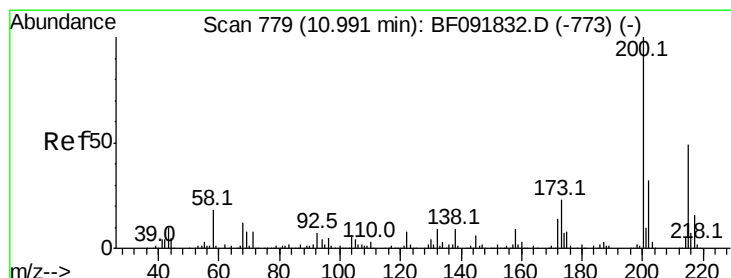
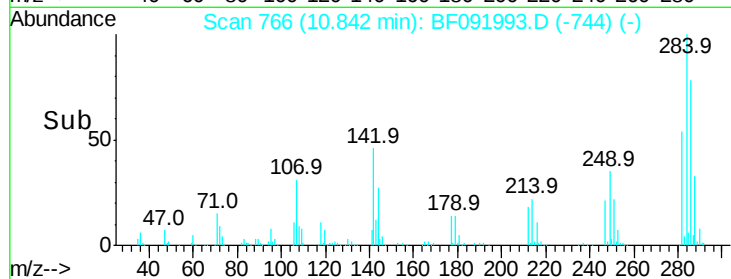
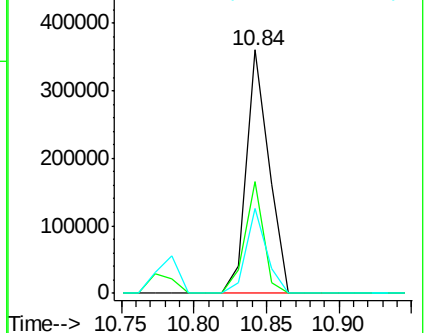
249 34.9 25.4 38.0



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: 36.45 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.05 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

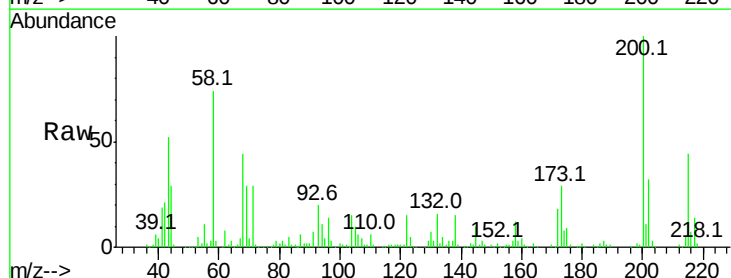
Tgt Ion:200 Resp: 316843

Ion Ratio Lower Upper

200 100

173 29.2 9.6 49.6

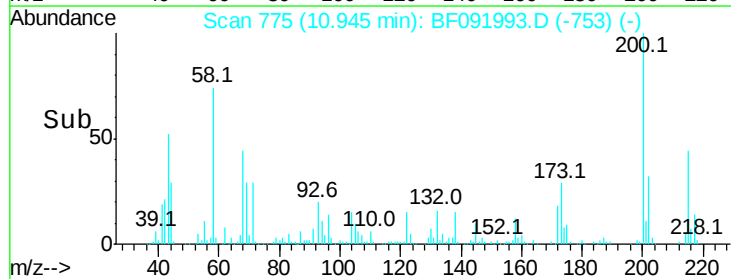
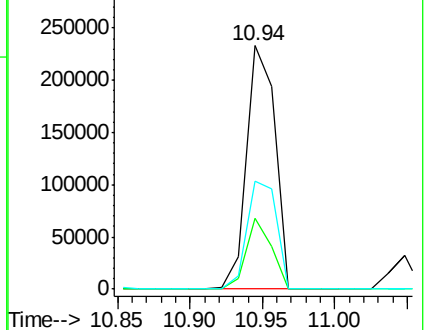
215 44.2 25.7 65.7



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

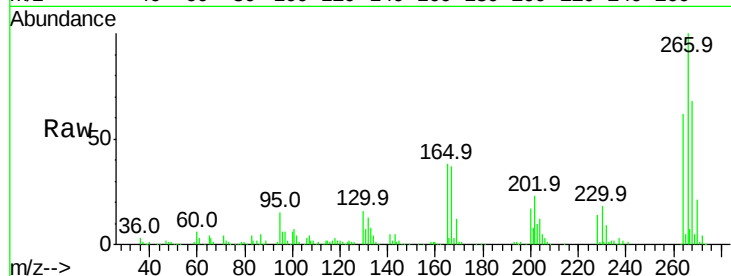




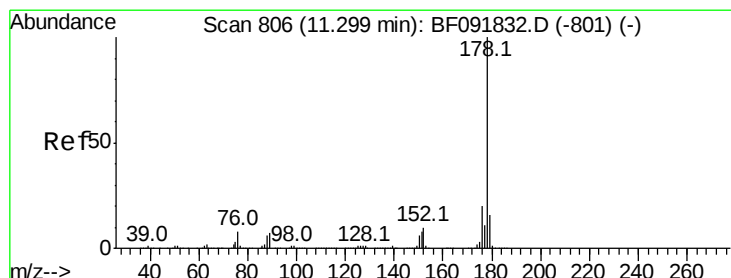
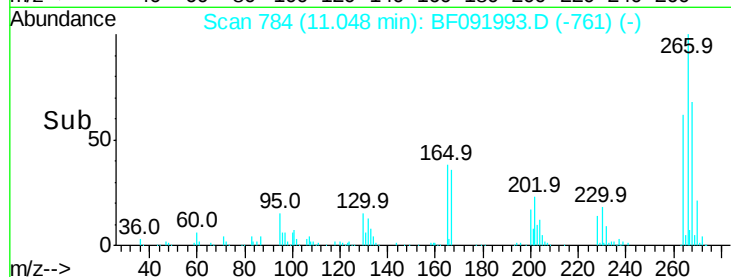
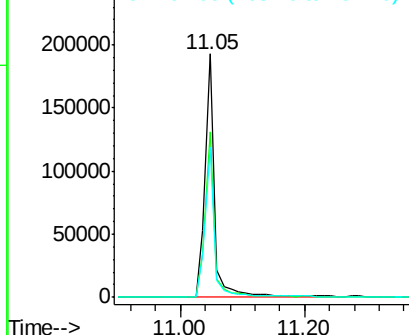
#69
 Pentachlorophenol
 Concen: 42.64 ng
 RT: 11.05 min Scan# 784
 Delta R.T. -0.03 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 211265
 Ion Ratio Lower Upper
 266 100
 268 67.7 53.3 79.9
 264 61.7 50.3 75.5

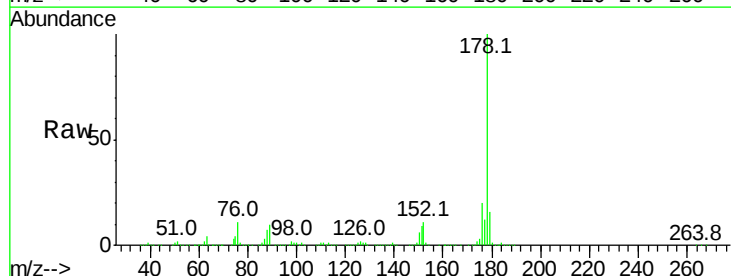


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

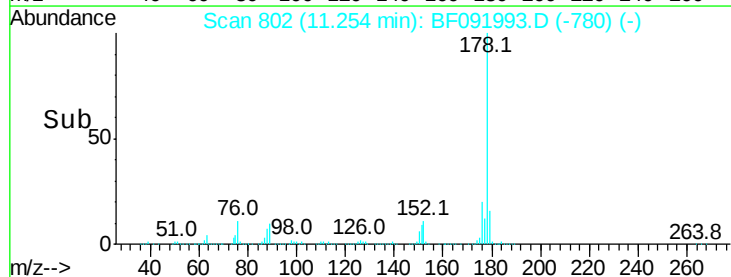
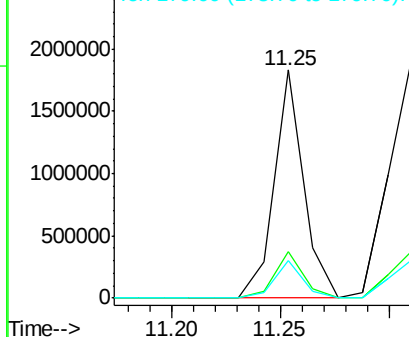


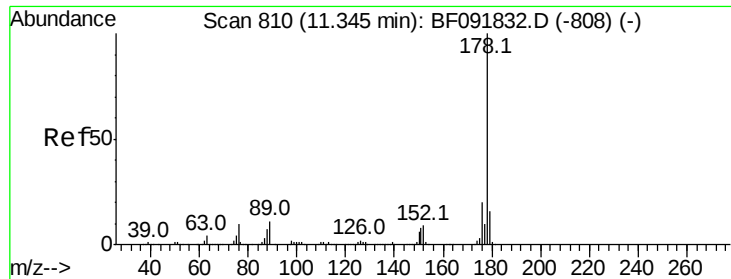
#70
 Phenanthrene
 Concen: 35.43 ng
 RT: 11.25 min Scan# 802
 Delta R.T. -0.05 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Tgt Ion:178 Resp: 1744963
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.6 25.0
 179 16.4 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

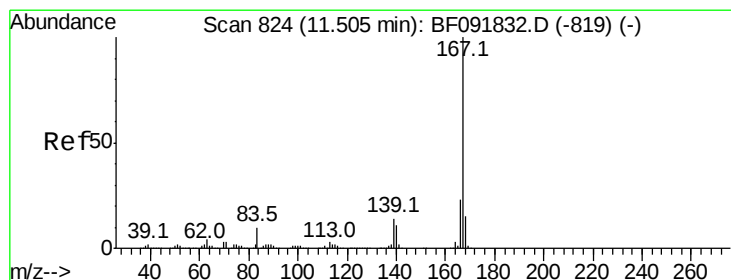
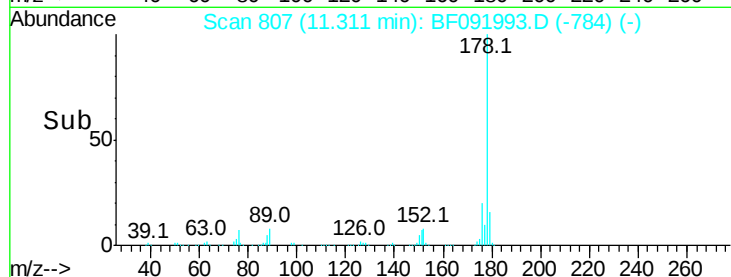
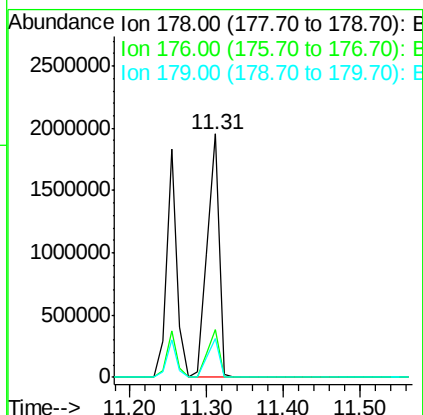
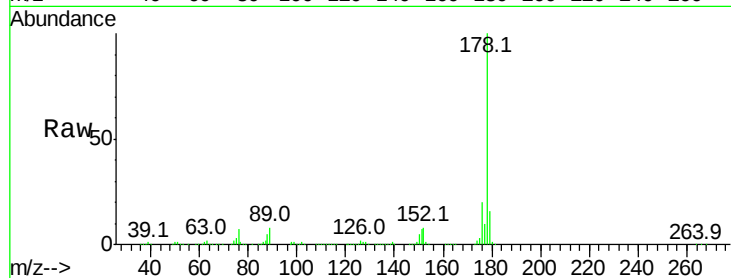




#71
 Anthracene
 Concen: 49.09 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

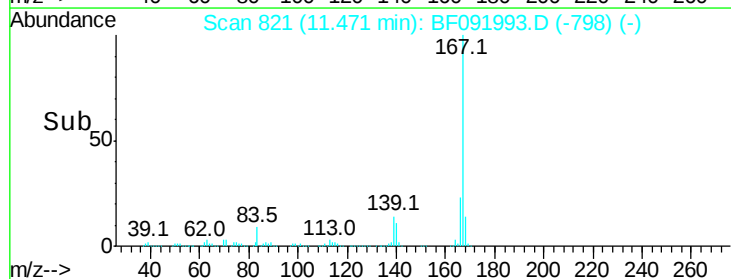
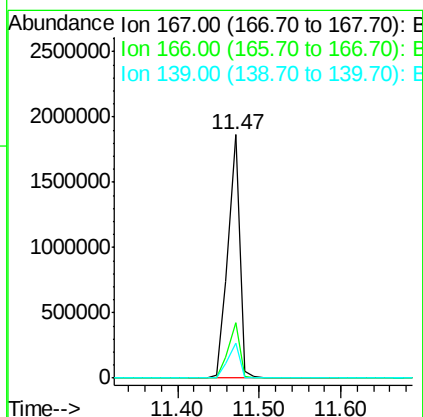
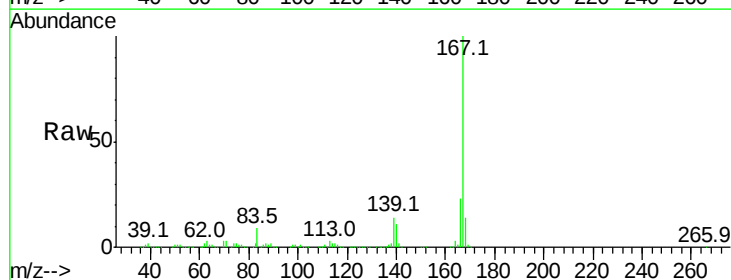
Instrument :
 BNA_F
 ClientSampleId :

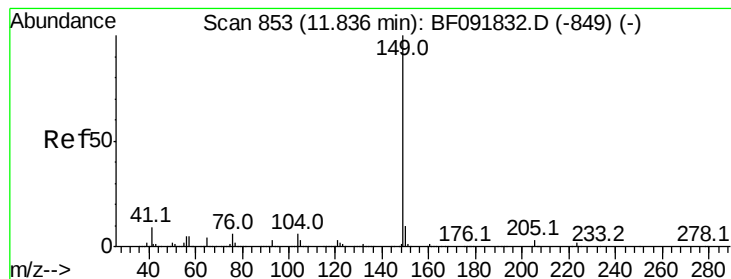
Tot Ion:178 Resp: 2077064
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 16.0 13.2 19.8



#72
 Carbazole
 Concen: 46.07 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.03 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Tgt Ion:167 Resp: 1848675
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 14.2 11.4 17.2





#73

Di-n-butylphthalate

Concen: 44.51 ng

RT: 11.80 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

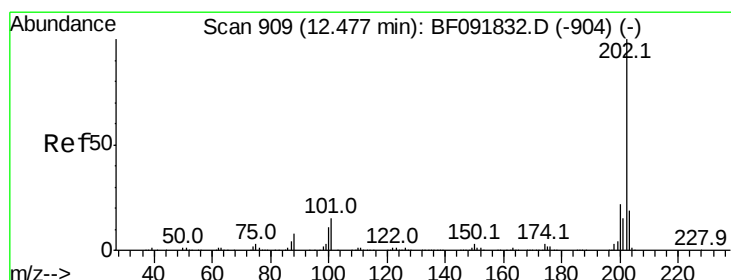
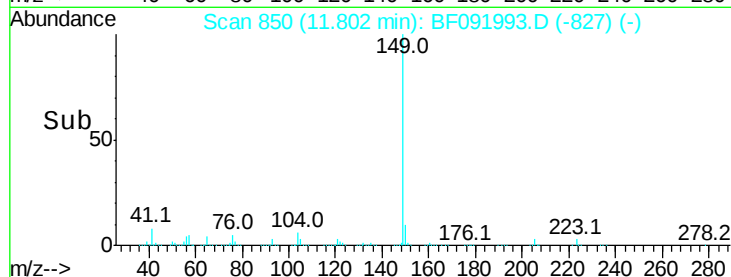
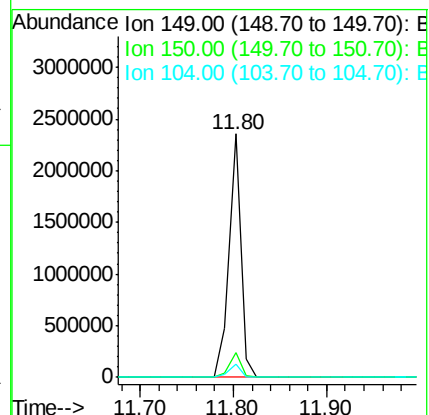
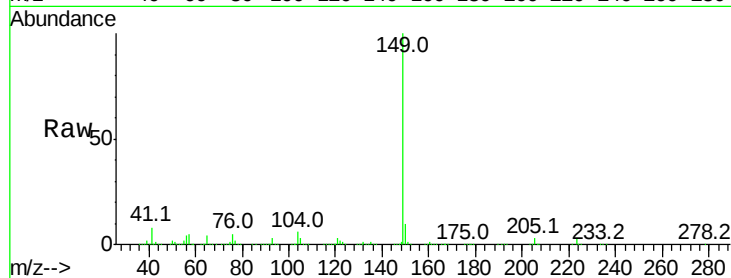
Tot Ion:149 Resp: 2079203

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

104 5.7 4.6 7.0



#74

Fluoranthene

Concen: 47.70 ng

RT: 12.44 min Scan# 906

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

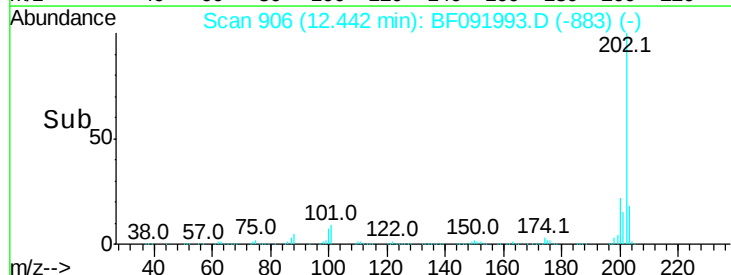
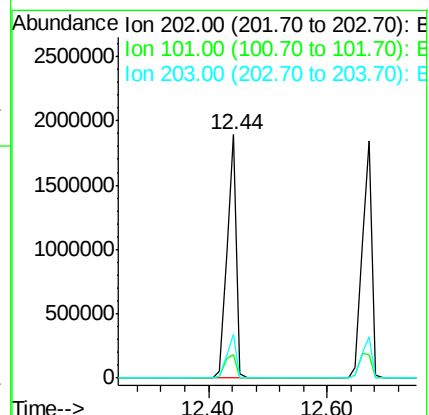
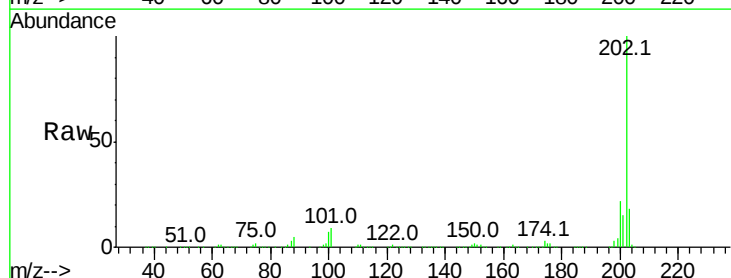
Tgt Ion:202 Resp: 2050886

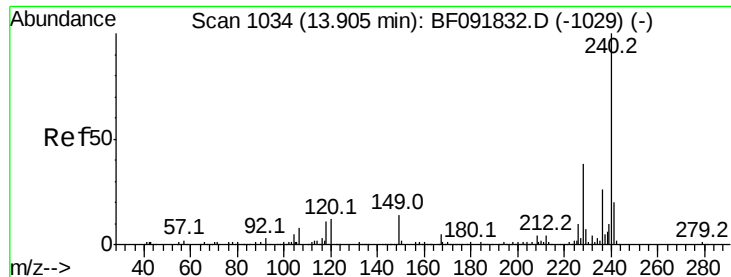
Ion Ratio Lower Upper

202 100

101 9.5 0.0 34.6

203 18.0 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

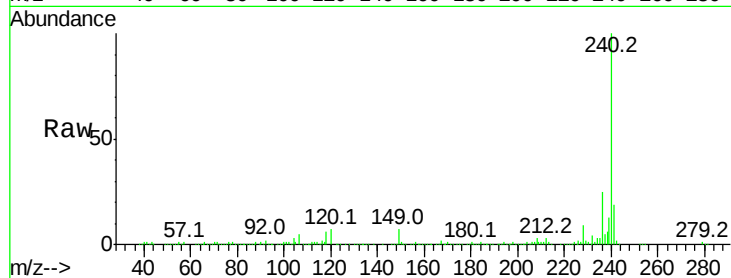
Tot Ion:240 Resp: 577845

Ion Ratio Lower Upper

240 100

120 7.1 12.9 19.3#

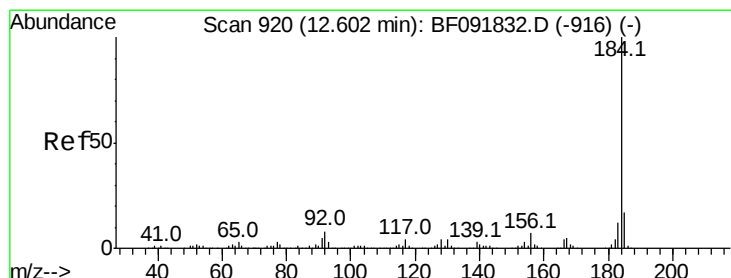
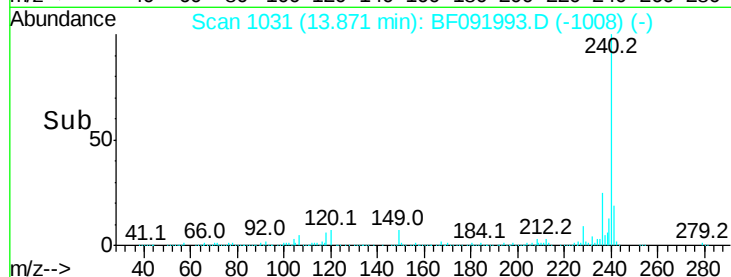
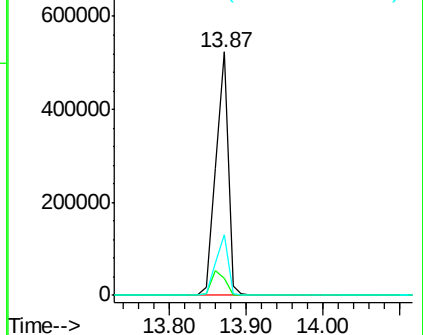
236 25.0 20.9 31.3



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: 46.71 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

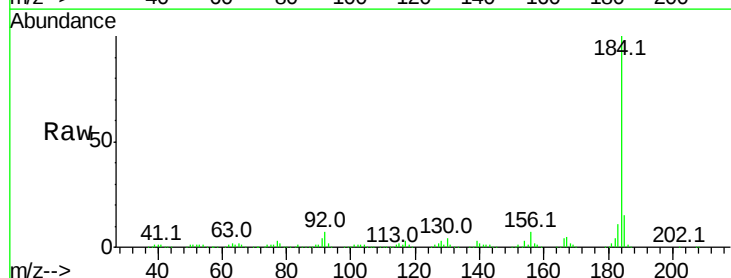
Tgt Ion:184 Resp: 681080

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.0

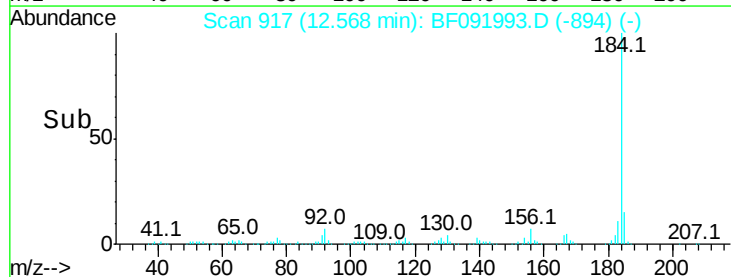
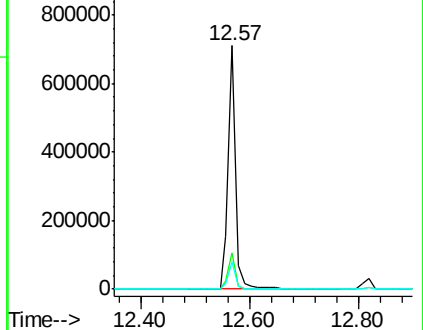
183 11.2 9.2 13.8

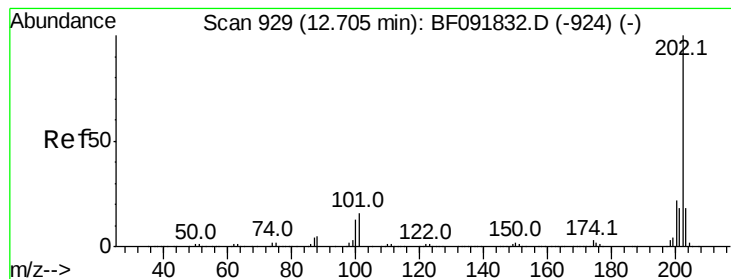


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.29 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

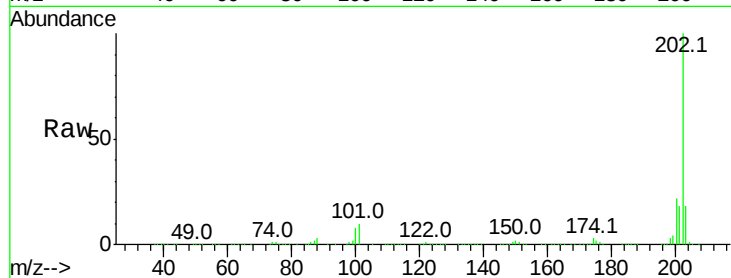
Tot Ion:202 Resp: 2089894

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

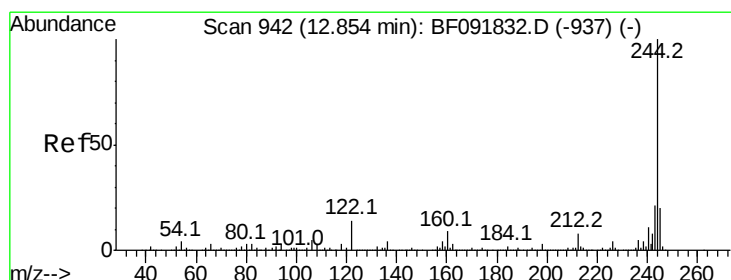
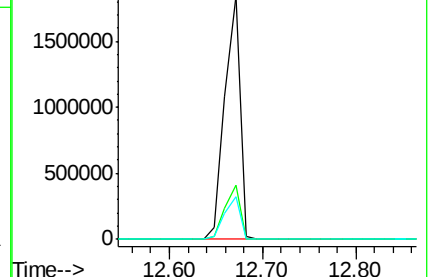
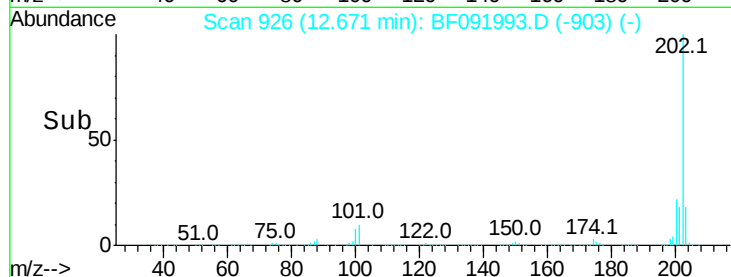
203 17.7 14.7 22.1



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: 90.67 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.03 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

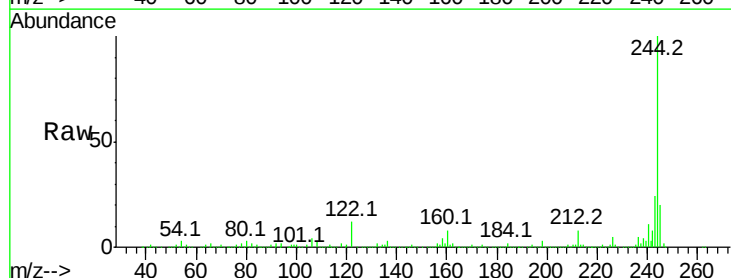
Tgt Ion:244 Resp: 2160395

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

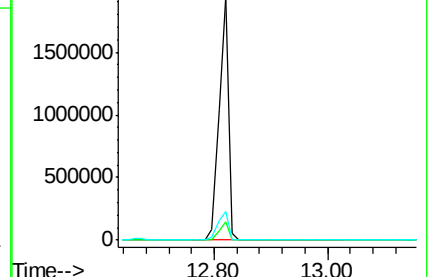
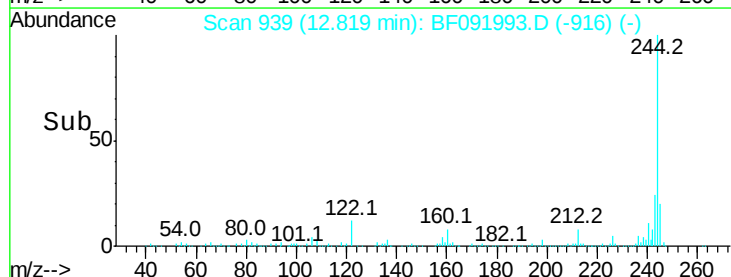
122 11.9 11.4 17.2

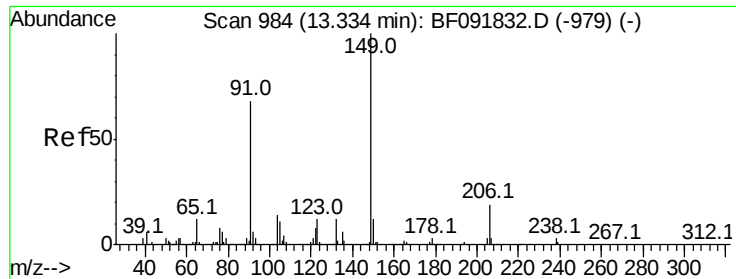


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

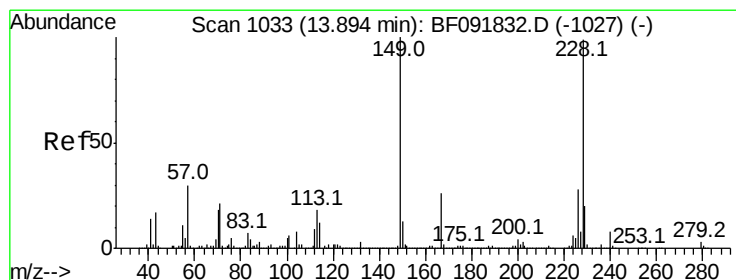
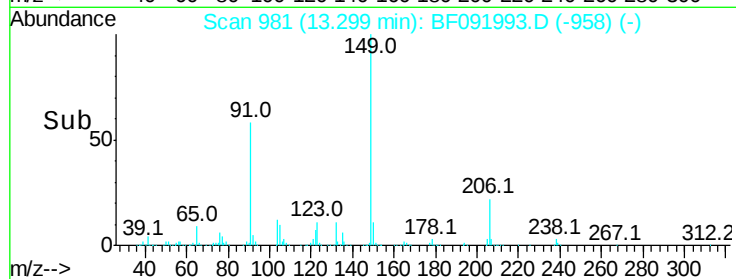
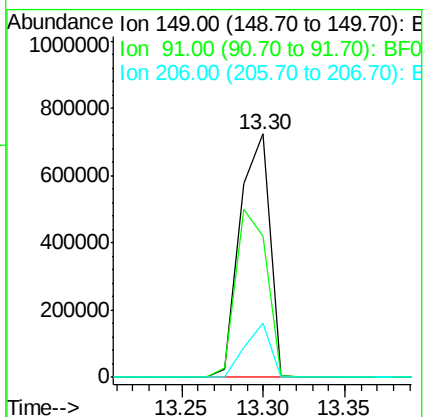
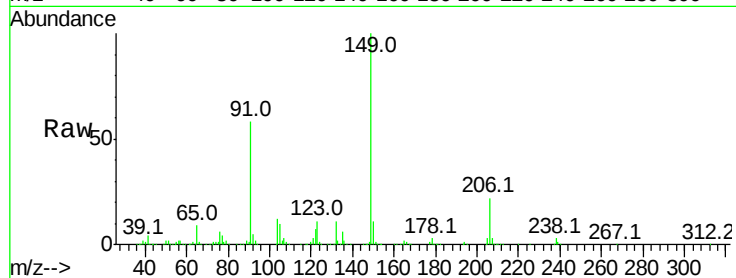




#79
 Butylbenzylphthalate
 Concen: 47.40 ng
 RT: 13.30 min Scan# 981
 Delta R.T. -0.03 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

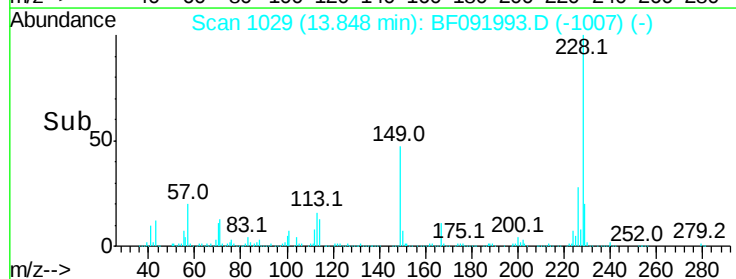
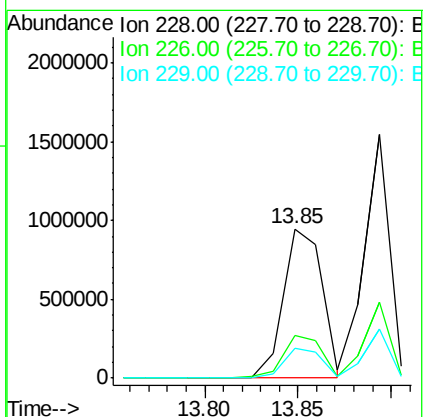
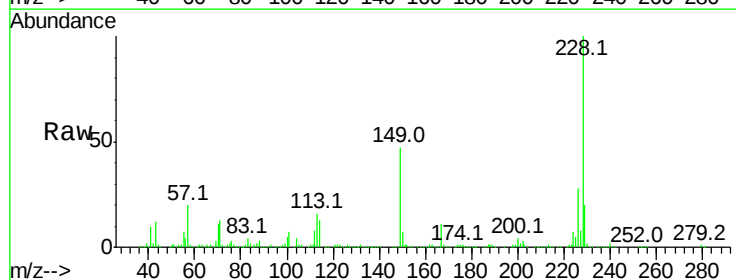
Instrument :
 BNA_F
 ClientSampled :

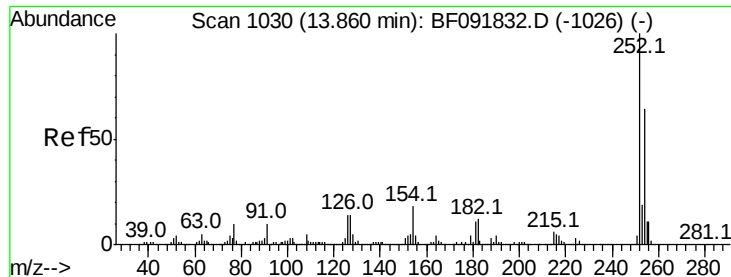
Tot Ion	Ratio	Lower	Upper
149	100		
91	58.0	63.9	95.9#
206	22.5	14.6	21.8#



#80
 Benzo(a)anthracene
 Concen: 42.23 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.05 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	20.3	16.2	24.4

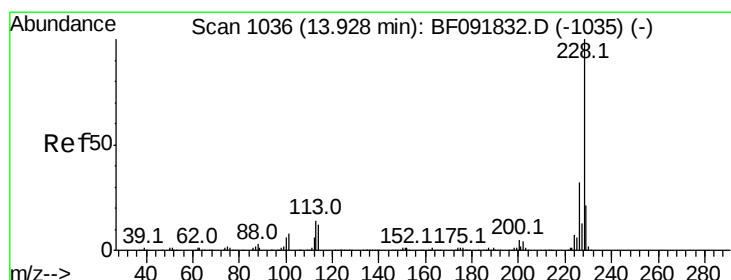
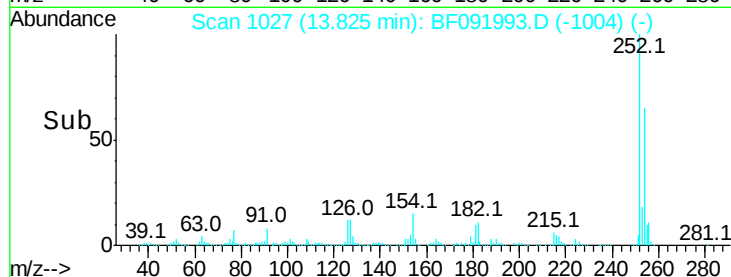
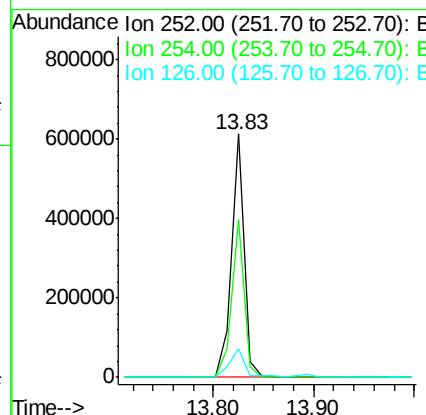
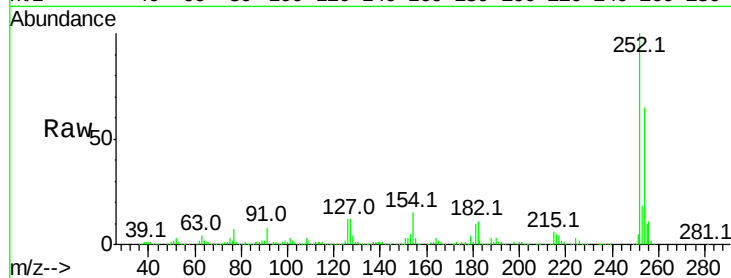




#81
 3,3'-Dichlorobenzidine
 Concen: 43.26 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.03 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

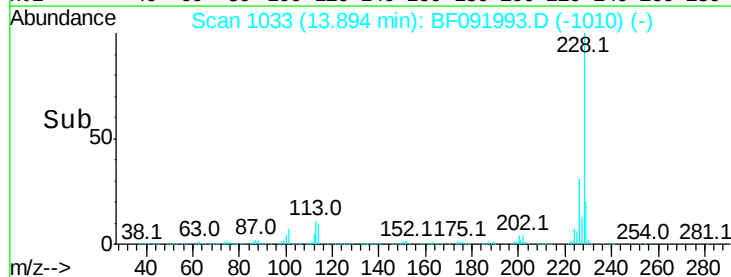
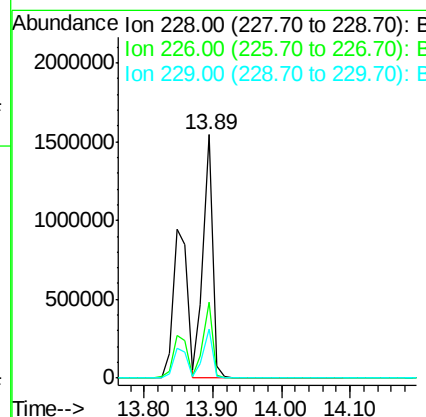
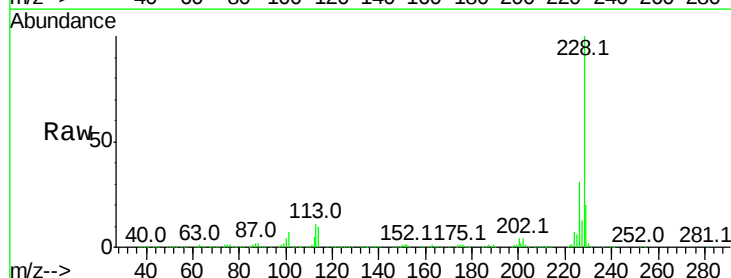
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	52.3	78.5
126	11.8	13.6	20.4



#82
 Chrysene
 Concen: 44.55 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.03 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	20.2	16.2	24.2

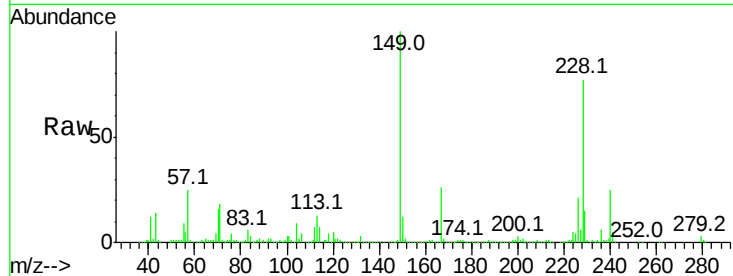




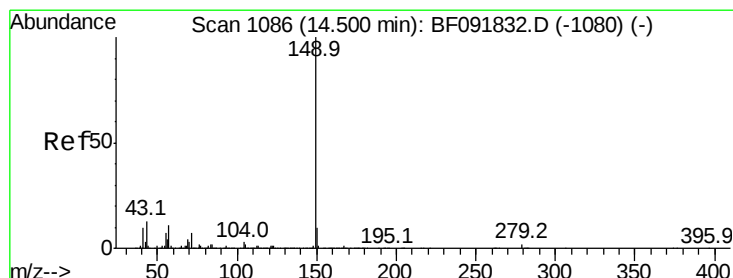
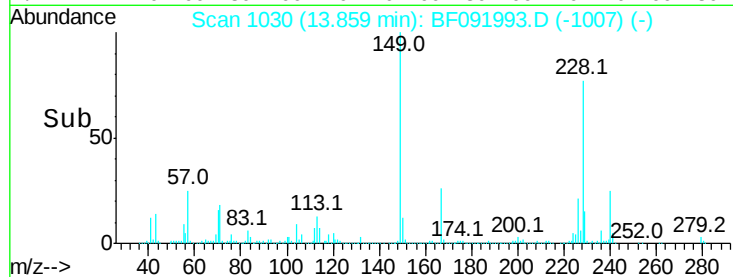
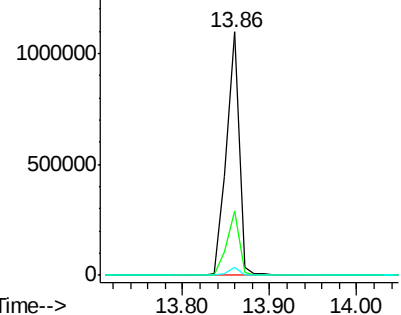
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.59 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:149 Resp: 1103301
 Ion Ratio Lower Upper
 149 100
 167 26.5 20.2 30.4
 279 3.2 1.8 2.8#

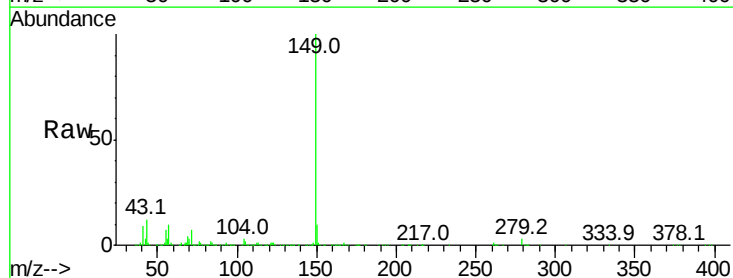


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

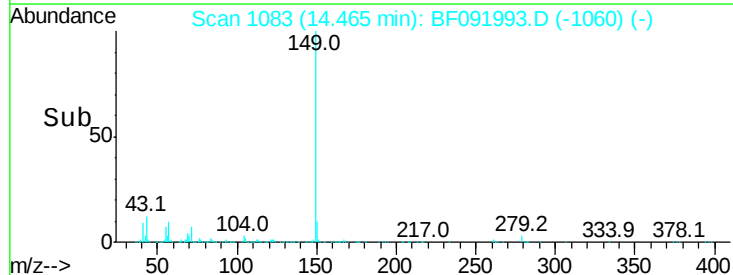
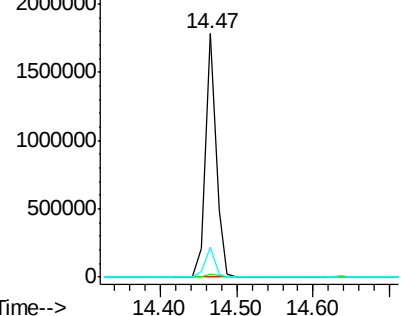


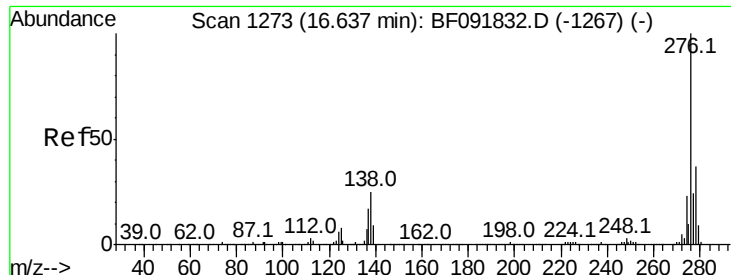
#84
 Di-n-octyl phthalate
 Concen: 41.19 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. -0.03 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Tgt Ion:149 Resp: 1732503
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.8 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0



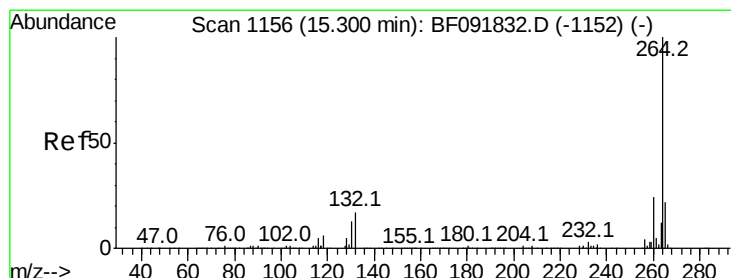
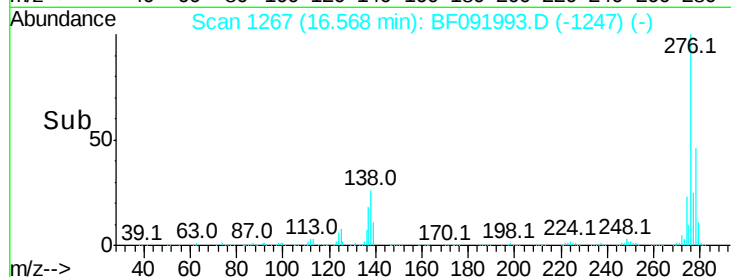
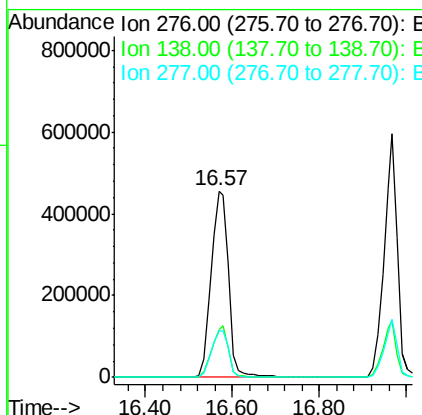
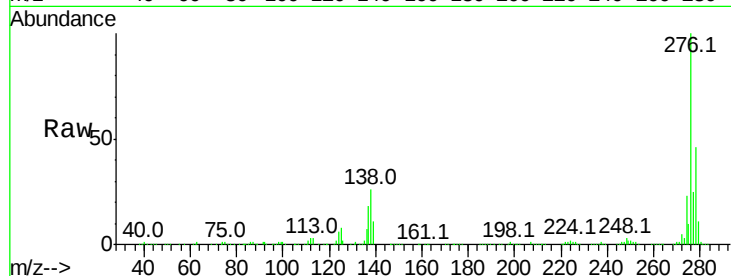


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.94 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. -0.07 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1302087

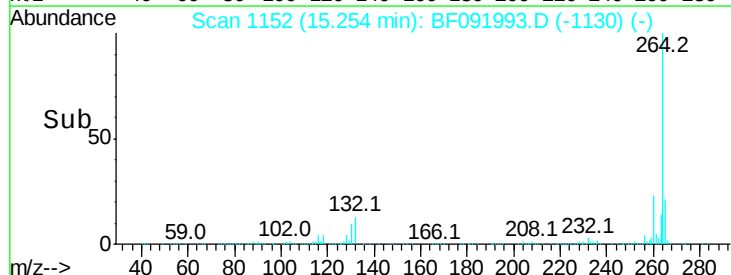
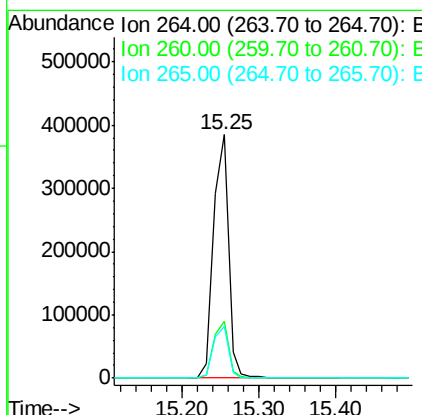
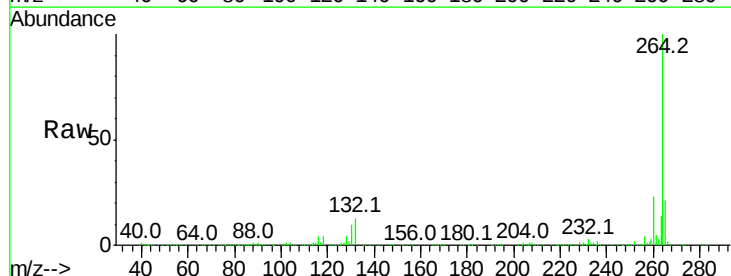
Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.8	32.6
277	25.2	20.2	30.4

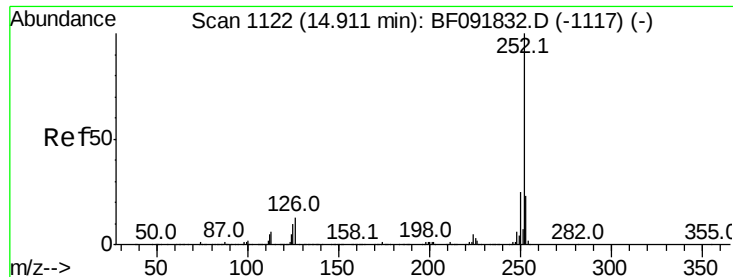


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.25 min Scan# 1152
 Delta R.T. -0.05 min
 Lab File: BF091993.D
 Acq: 28 Dec 2016 14:41

Tgt Ion:264 Resp: 521235

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 76.05 ng

RT: 14.87 min Scan# 1118

Delta R.T. -0.05 min

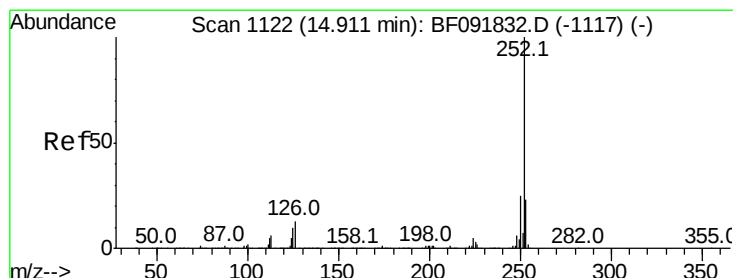
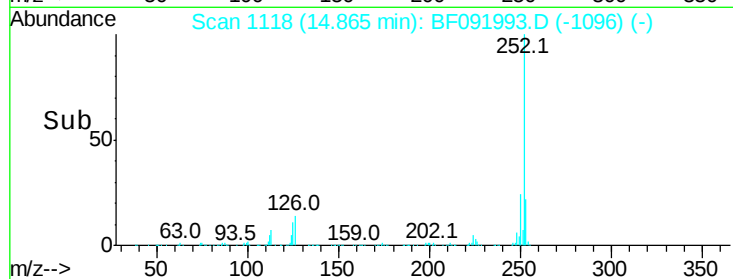
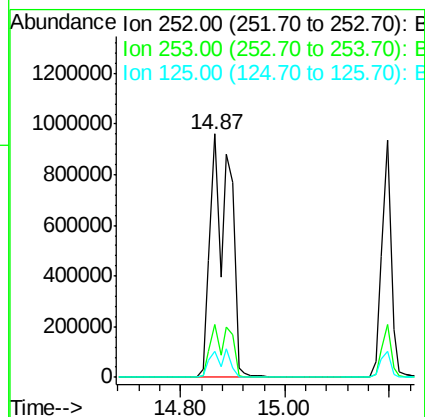
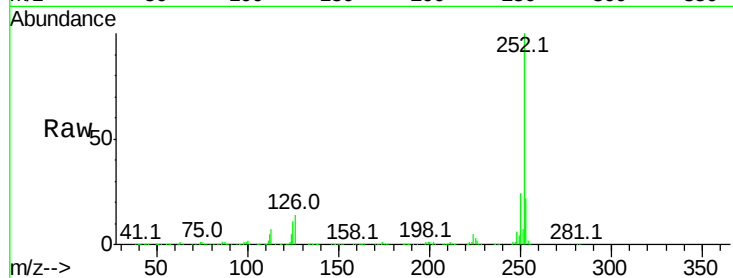
Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2468001

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	10.6	9.8	14.6



#88

Benzo(k)fluoranthene

Concen: 89.19 ng

RT: 14.87 min Scan# 1118

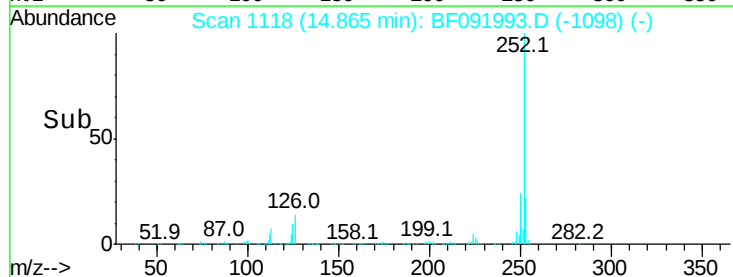
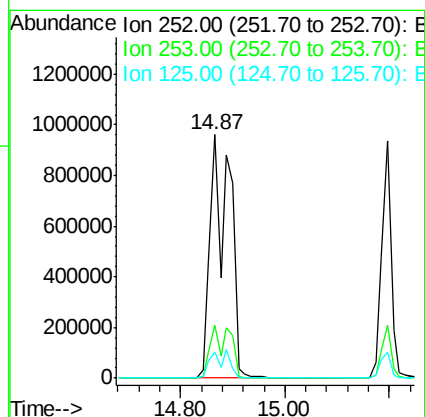
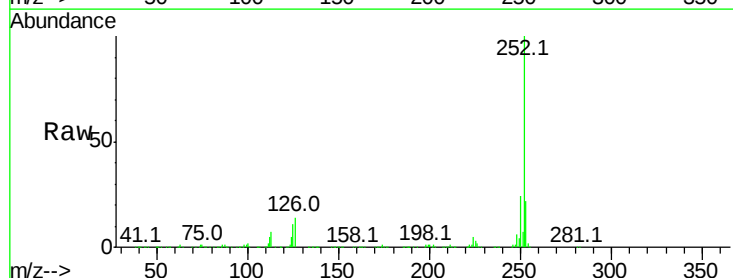
Delta R.T. -0.07 min

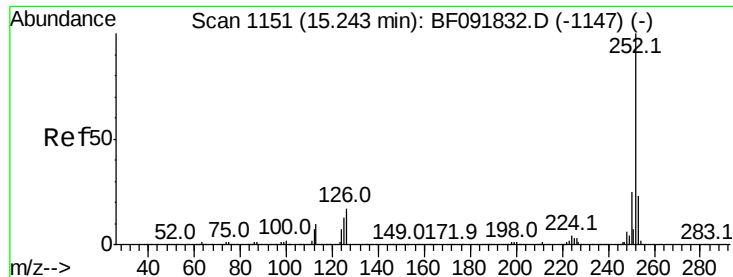
Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Tgt Ion:252 Resp: 2468001

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	10.6	8.9	13.3

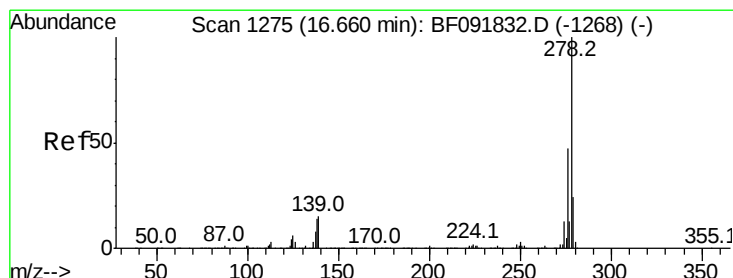
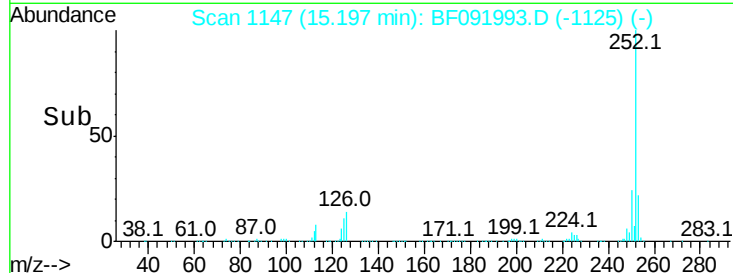
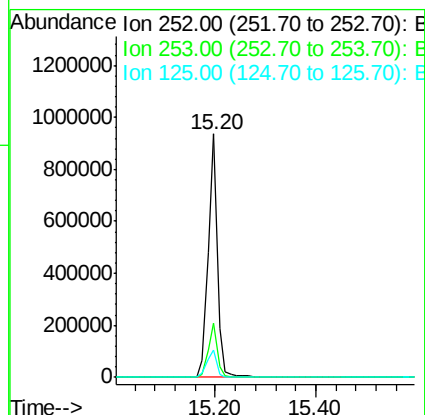
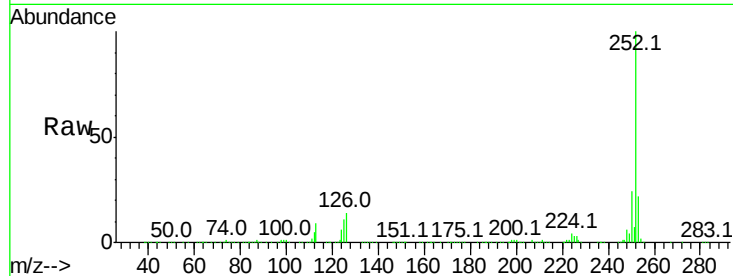




#89
Benzo(a)pyrene
Concen: 41.01 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BF091993.D
Acq: 28 Dec 2016 14:41

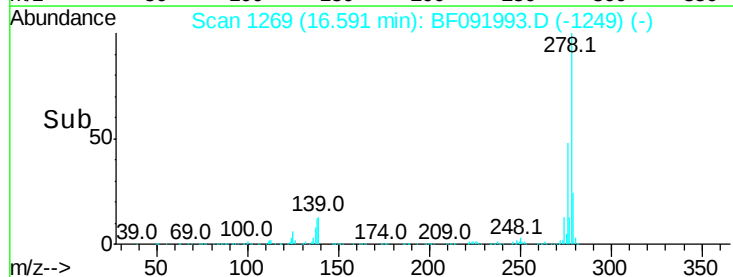
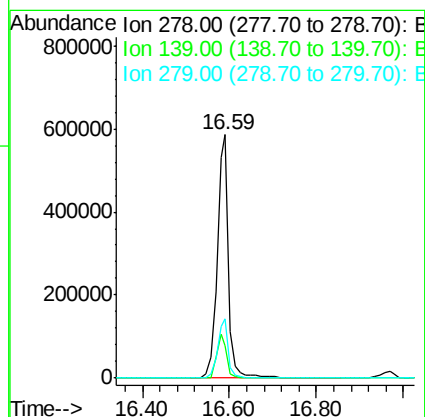
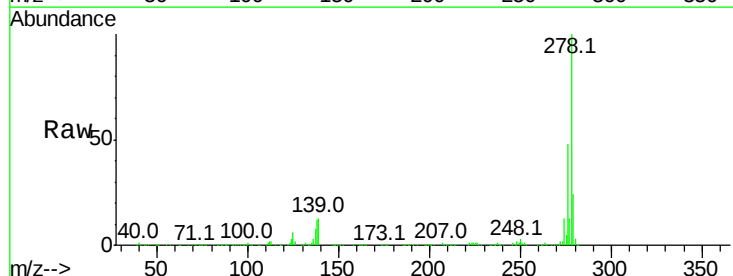
Instrument :
BNA_F
ClientSampleId :

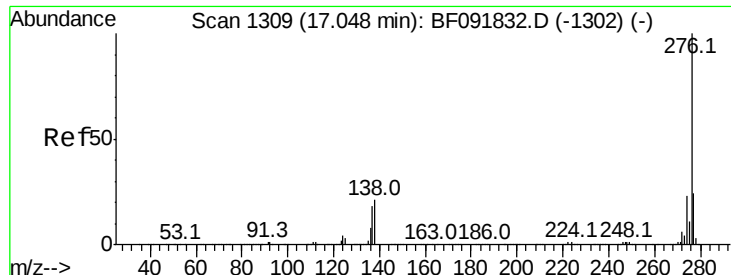
Tot Ion:252 Resp: 1181337
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 11.1 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 46.24 ng
RT: 16.59 min Scan# 1269
Delta R.T. -0.07 min
Lab File: BF091993.D
Acq: 28 Dec 2016 14:41

Tgt Ion:278 Resp: 1094751
Ion Ratio Lower Upper
278 100
139 13.1 14.8 22.2#
279 24.4 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 52.75 ng

RT: 16.97 min Scan# 1302

Delta R.T. -0.08 min

Lab File: BF091993.D

Acq: 28 Dec 2016 14:41

Instrument :

BNA_F

ClientSampleId :

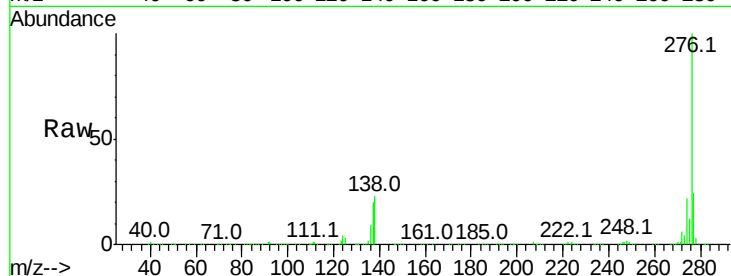
Tot Ion:276 Resp: 1298448

Ion Ratio Lower Upper

276 100

277 23.8 19.2 28.8

138 23.2 16.0 24.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

