

Data Path : Z:\HPCHEM1\BNA F\Data\BF021517\
 Data File : BF092950.D
 Acq On : 15 Feb 2017 14:48
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 15 15:20:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	164931	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	658084	20.00	ng	-0.01
38) Acenaphthene-d10	9.92	164	371026	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	575587	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	475216	20.00	ng	-0.02
86) Perylene-d12	15.47	264	455310	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	793128	82.50	ng	-0.01
7) Phenol-d6	6.51	99	939886	75.98	ng	-0.02
23) Nitrobenzene-d5	7.45	82	956242	80.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	207613	77.37	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1539514	75.17	ng	-0.01
78) Terphenyl-d14	12.98	244	1409717	69.70	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.46	88	193886	37.32	ng	# 85
3) Pyridine	3.20	79	510136	38.62	ng	# 87
4) n-Nitrosodimethylamine	3.15	42	244937	39.49	ng	# 88
6) Aniline	6.53	93	680625	40.34	ng	# 52
8) 2-Chlorophenol	6.66	128	437705	41.27	ng	95
9) Benzaldehyde	6.42	77	316878	35.76	ng	96
10) Phenol	6.52	94	521557	36.04	ng	90
11) bis(2-Chloroethyl)ether	6.61	93	485133	42.00	ng	99
12) 1,3-Dichlorobenzene	7.05	146	460641	37.08	ng	97
13) 1,4-Dichlorobenzene	6.89	146	493319	39.24	ng	98
14) 1,2-Dichlorobenzene	6.89	146	493319	41.03	ng	96
15) Benzyl Alcohol	7.01	79	327325	35.74	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	806688	40.20	ng	93
17) 2-Methylphenol	7.14	107	387292	42.57	ng	96
18) Hexachloroethane	7.38	117	167384	39.00	ng	# 85
19) n-Nitroso-di-n-propylamine	7.29	70	309719	39.33	ng	95
20) 3+4-Methylphenols	7.29	107	401986	36.95	ng	# 78
22) Acetophenone	7.29	105	544280	36.22	ng	# 91
24) Nitrobenzene	7.46	77	459920	37.90	ng	99
25) Isophorone	7.70	82	868055	39.42	ng	97
26) 2-Nitrophenol	7.78	139	252300	43.74	ng	# 84
27) 2,4-Dimethylphenol	7.81	122	367633	36.29	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	595089	40.80	ng	98
29) 2,4-Dichlorophenol	8.02	162	373213	39.50	ng	92
30) 1,2,4-Trichlorobenzene	8.10	180	388416	38.15	ng	94
31) Naphthalene	8.18	128	1186500	35.57	ng	99
32) Benzoic acid	7.95	122	199624	36.75	ng	97
33) 4-Chloroaniline	8.24	127	550733	42.09	ng	94
34) Hexachlorobutadiene	8.29	225	198132	35.37	ng	98
35) Caprolactam	8.61	113	120139	40.43	ng	# 42
36) 4-Chloro-3-methylphenol	8.72	107	361945	36.75	ng	97
37) 2-Methylnaphthalene	8.88	142	852880	39.82	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	369424	35.47	ng	100
40) Hexachlorocyclopentadiene	9.02	237	173676	36.96	ng	98

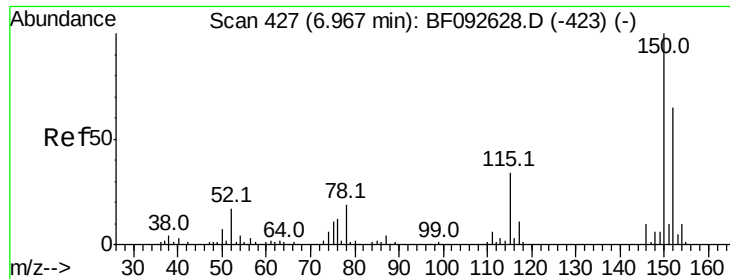
Data Path : Z:\HPCHEM1\BNA F\Data\BF021517\
 Data File : BF092950.D
 Acq On : 15 Feb 2017 14:48
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 15 15:20:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	250119	36.55	nq	91
43) 2,4,5-Trichlorophenol	9.20	196	284599	37.96	nq	# 85
45) 1,1'-Biphenyl	9.33	154	918506	34.19	nq	97
46) 2-Chloronaphthalene	9.36	162	772766	36.77	nq	95
47) 2-Nitroaniline	9.46	65	260745	36.90	nq	98
48) Acenaphthylene	9.78	152	1382061	38.07	nq	99
49) Dimethylphthalate	9.64	163	922978	36.93	nq	99
50) 2,6-Dinitrotoluene	9.70	165	193861	35.92	nq	# 71
51) Acenaphthene	9.95	154	855791	39.42	nq	97
52) 3-Nitroaniline	9.87	138	217482	35.21	nq	98
53) 2,4-Dinitrophenol	9.98	184	107083	41.43	nq	93
54) Dibenzofuran	10.12	168	1098081	37.82	nq	91
55) 4-Nitrophenol	10.04	139	187127	42.06	nq	# 72
56) 2,4-Dinitrotoluene	10.11	165	283438	39.45	nq	# 75
57) Fluorene	10.46	166	889739	39.83	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	202968	40.58	nq	98
59) Diethylphthalate	10.34	149	939101	39.87	nq	96
60) 4-Chlorophenyl-phenylether	10.45	204	392198	36.55	nq	# 85
61) 4-Nitroaniline	10.49	138	251143	39.70	nq	91
62) Azobenzene	10.61	77	954413	39.23	nq	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	150833	43.33	nq	# 31
65) n-Nitrosodiphenylamine	10.58	169	743277	40.42	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	254715	42.36	nq	# 86
67) Hexachlorobenzene	11.01	284	243365	40.95	nq	# 86
68) Atrazine	11.10	200	261599	44.33	nq	95
69) Pentachlorophenol	11.21	266	135012	47.25	nq	99
70) Phenanthrene	11.42	178	1328412	40.28	nq	99
71) Anthracene	11.47	178	1218467	36.79	nq	99
72) Carbazole	11.63	167	1224976	38.70	nq	99
73) Di-n-butylphthalate	11.96	149	1478488	43.19	nq	# 96
74) Fluoranthene	12.60	202	1302075	38.28	nq	97
76) Benzidine	12.73	184	650522	32.12	nq	99
77) Pyrene	12.84	202	1356846	38.15	nq	98
79) Butylbenzylphthalate	13.45	149	578244	40.04	nq	98
80) Benzo(a)anthracene	14.02	228	1086587	37.38	nq	100
81) 3,3'-Dichlorobenzidine	13.99	252	397347	38.35	nq	97
82) Chrysene	14.07	228	1159537	42.61	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	775272	39.25	nq	98
84) Di-n-octyl phthalate	14.63	149	1406654	43.74	nq	99
85) Indeno(1,2,3-cd)pyrene	16.89	276	944430	44.81	nq	# 94
87) Benzo(b)fluoranthene	15.08	252	2057167	68.64	nq	98
88) Benzo(k)fluoranthene	15.08	252	2057425	79.51	nq	# 96
89) Benzo(a)pyrene	15.41	252	1014293	39.13	nq	# 96
90) Dibenzo(a,h)anthracene	16.90	278	807828	38.56	nq	98
91) Benzo(g,h,i)perylene	17.31	276	807487	38.15	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

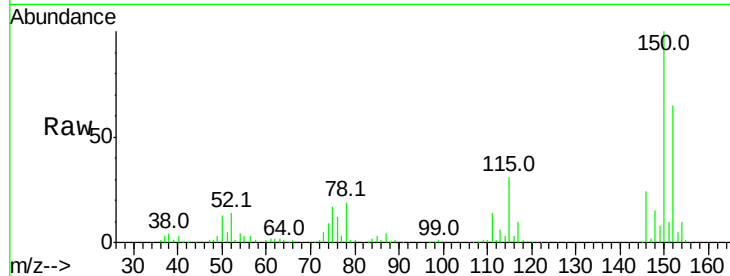
Tot Ion:152 Resp: 164931

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

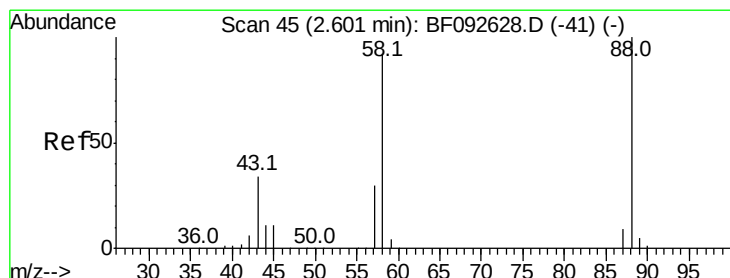
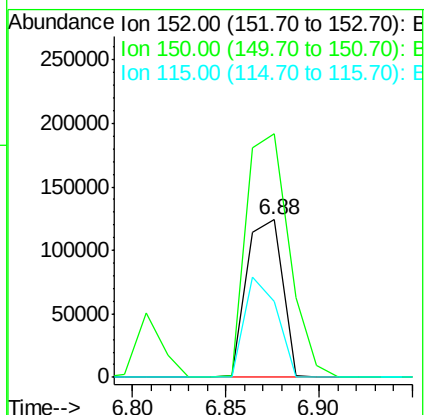
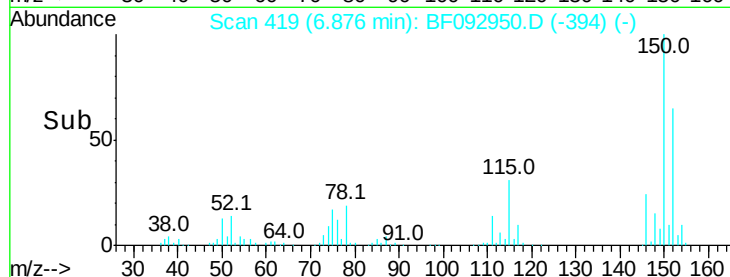
115 48.6 46.0 69.0



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: 37.32 ng

RT: 2.46 min Scan# 33

Delta R.T. 0.00 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

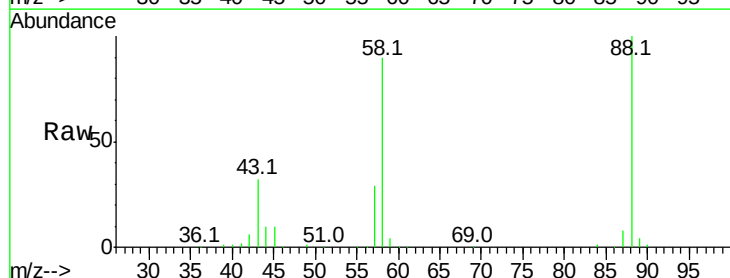
Tgt Ion: 88 Resp: 193886

Ion Ratio Lower Upper

88 100

58 87.6 57.8 86.8#

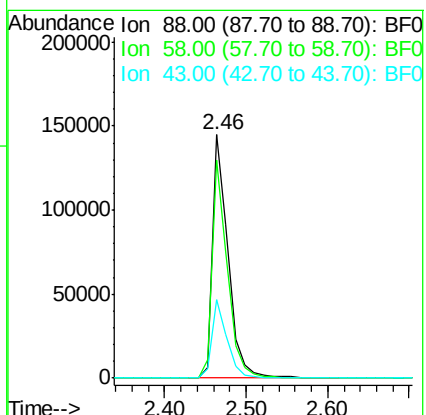
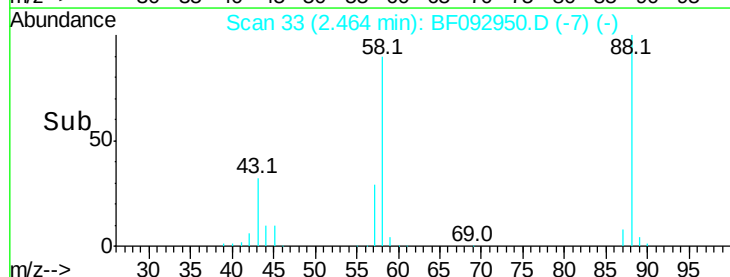
43 31.9 22.3 33.5

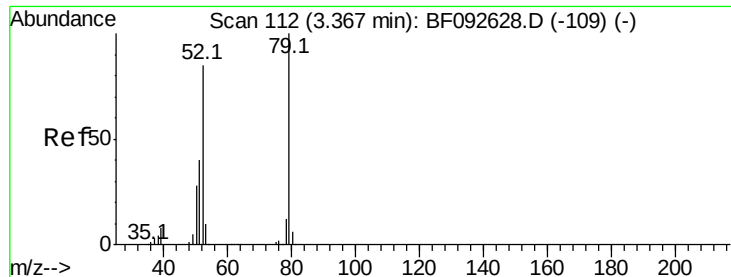


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 38.62 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.00 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

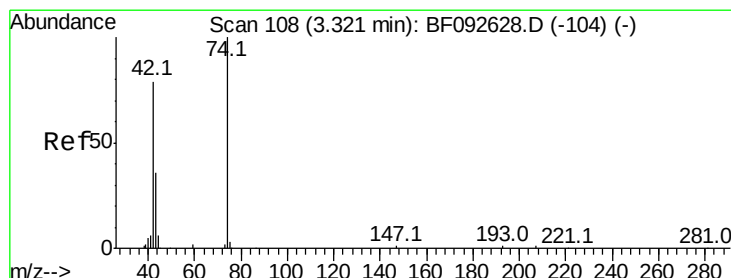
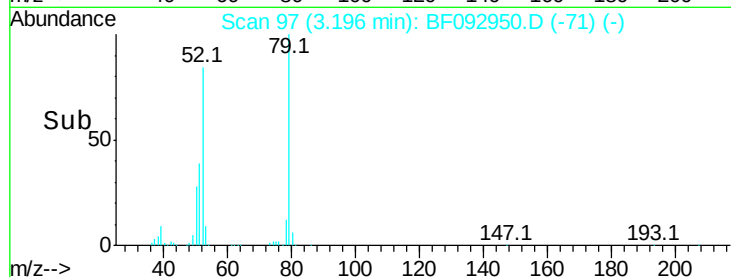
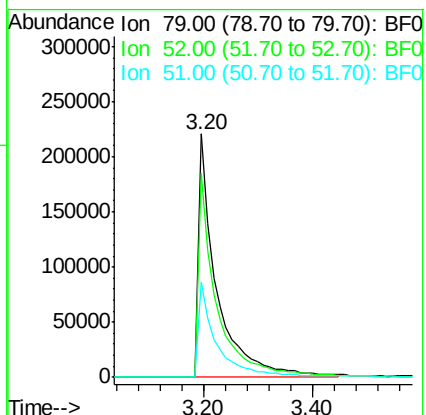
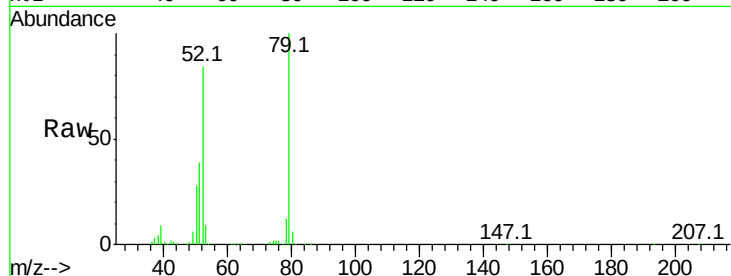
Tot Ion: 79 Resp: 510136

Ion Ratio Lower Upper

79 100

52 84.0 57.1 85.7

51 39.3 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 39.49 ng

RT: 3.15 min Scan# 93

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

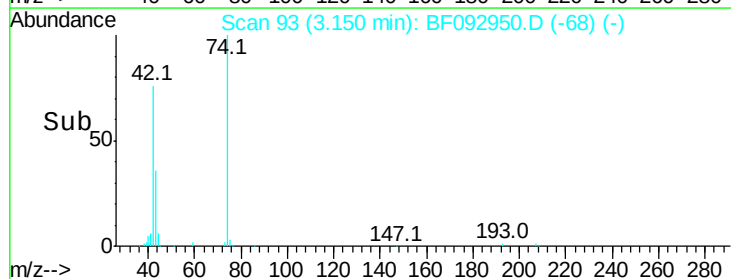
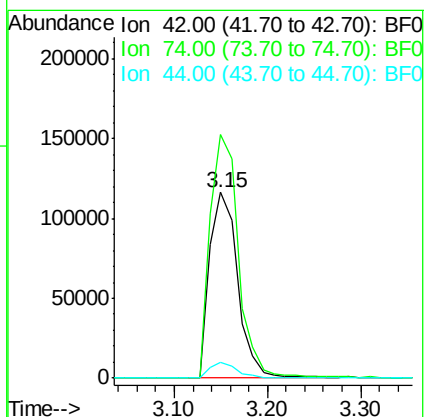
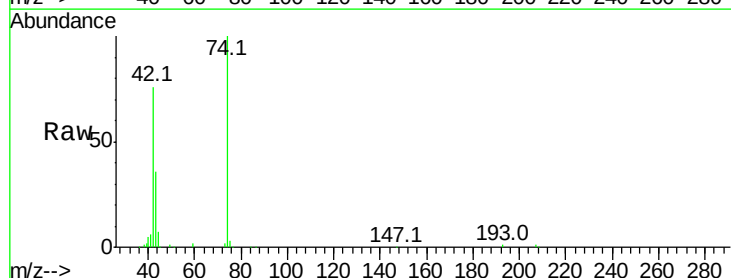
Tgt Ion: 42 Resp: 244937

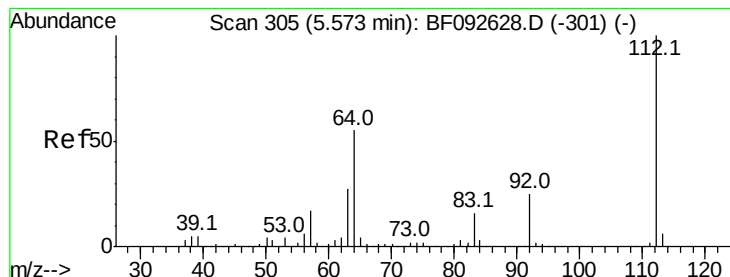
Ion Ratio Lower Upper

42 100

74 131.2 117.0 175.4

44 8.6 5.5 8.3#





#5

2-Fluorophenol

Concen: 82.50 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

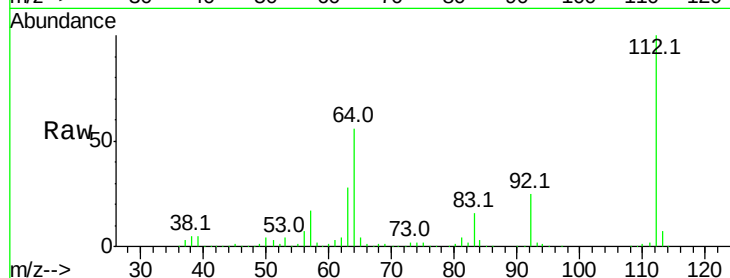
Tot Ion: 112 Resp: 793128

Ion Ratio Lower Upper

112 100

64 56.4 46.1 69.1

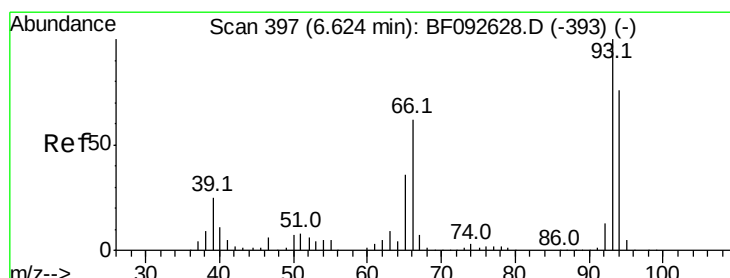
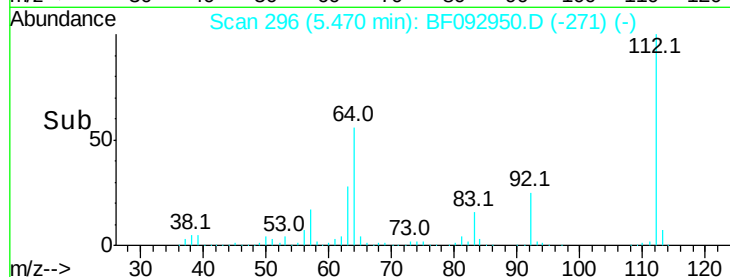
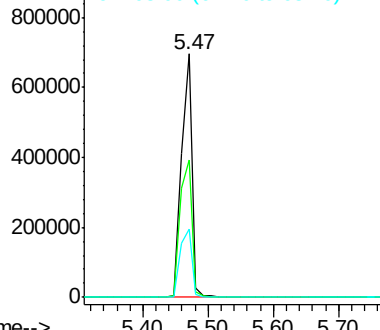
63 27.9 23.8 35.6



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: 40.34 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

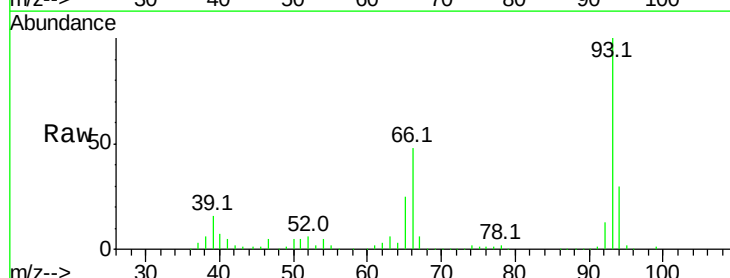
Tgt Ion: 93 Resp: 680625

Ion Ratio Lower Upper

93 100

66 48.4 76.2 114.2#

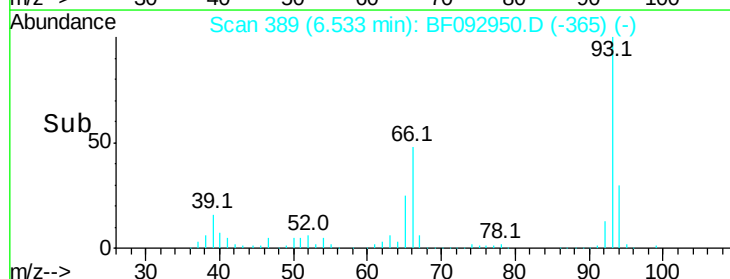
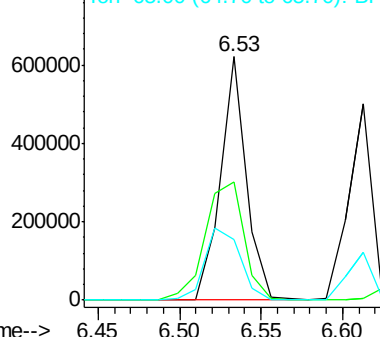
65 25.1 49.3 73.9#

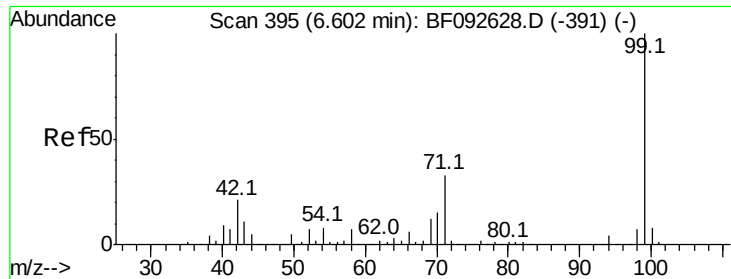


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.98 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

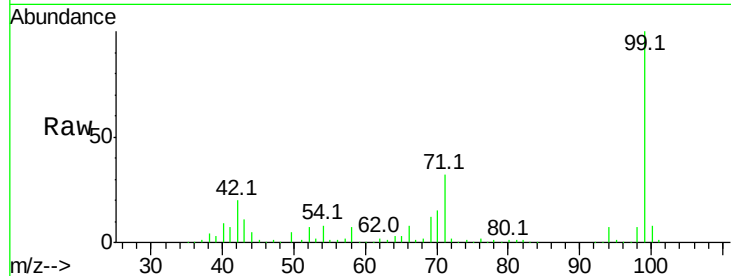
Tot Ion: 99 Resp: 939886

Ion Ratio Lower Upper

99 100

42 20.2 15.6 23.4

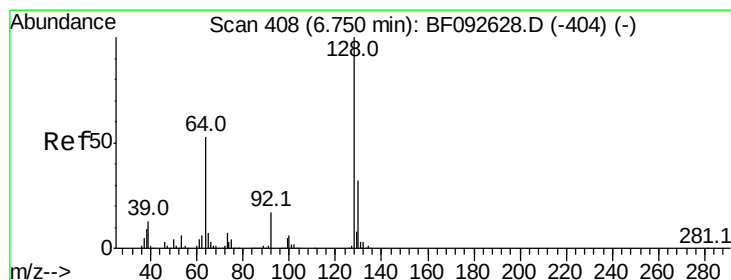
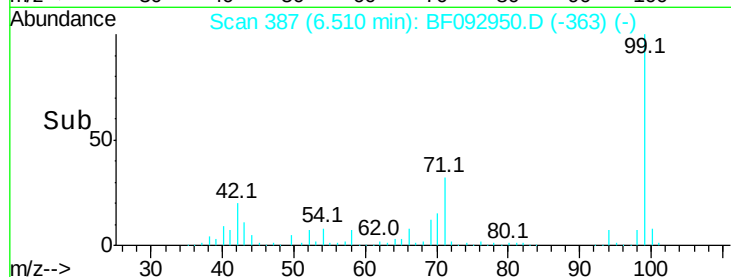
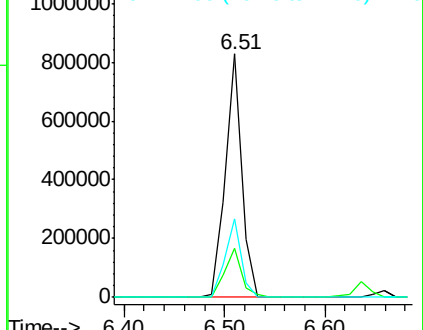
71 32.5 27.5 41.3



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: 41.27 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

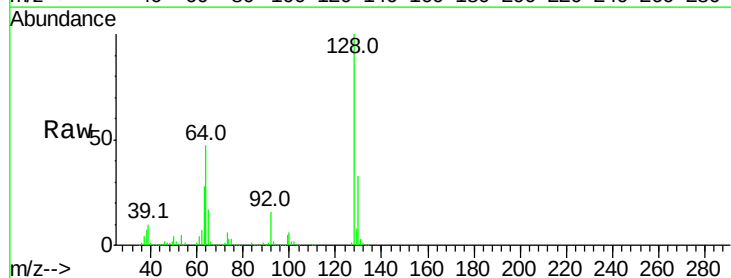
Tgt Ion: 128 Resp: 437705

Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

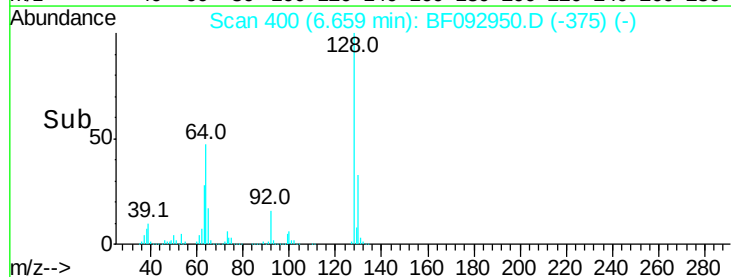
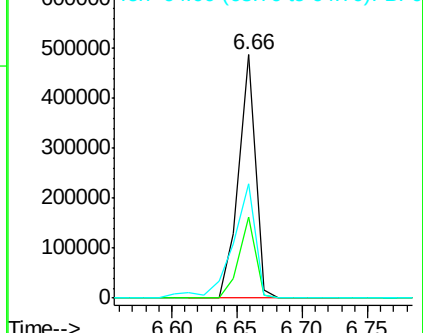
64 47.0 32.2 72.2

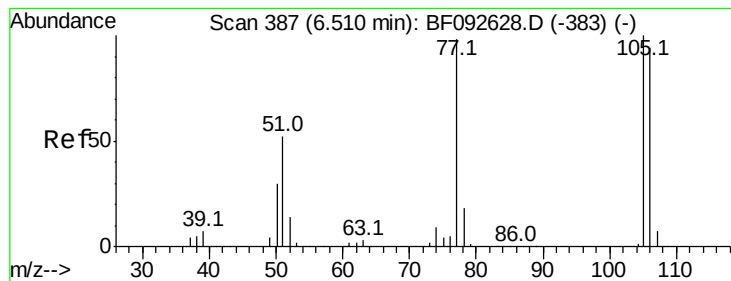


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.76 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampled :

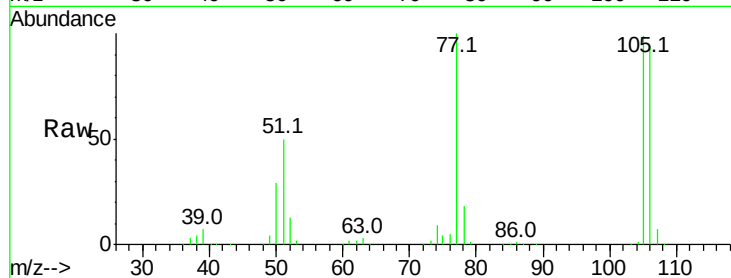
Tot Ion: 77 Resp: 316878

Ion Ratio Lower Upper

77 100

105 99.3 83.9 123.9

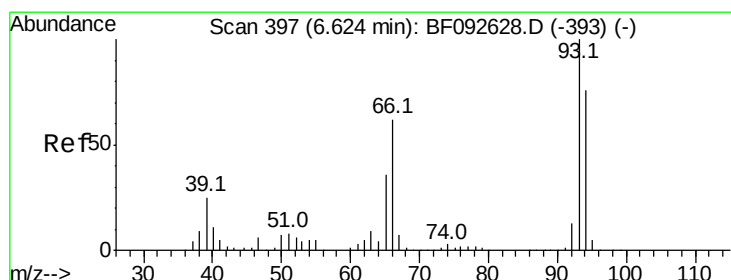
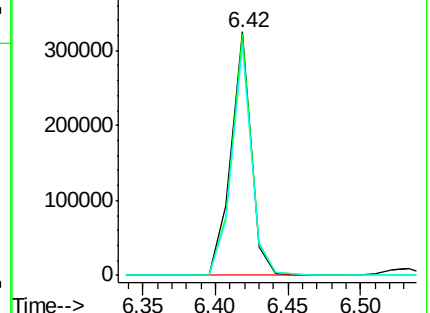
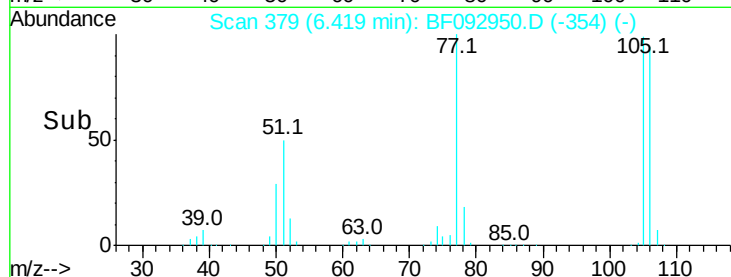
106 94.2 77.6 117.6



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: 36.04 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

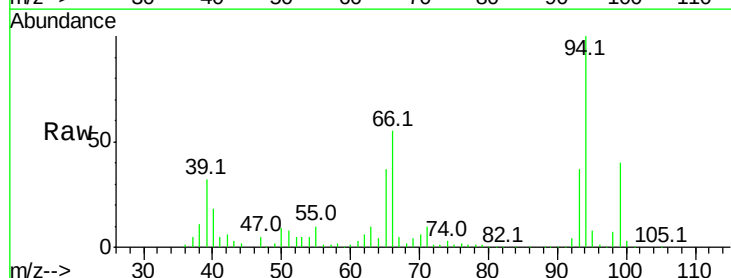
Tgt Ion: 94 Resp: 521557

Ion Ratio Lower Upper

94 100

65 37.0 21.4 61.4

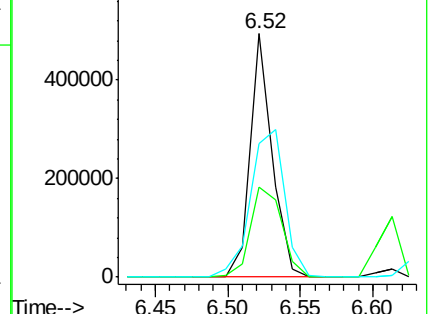
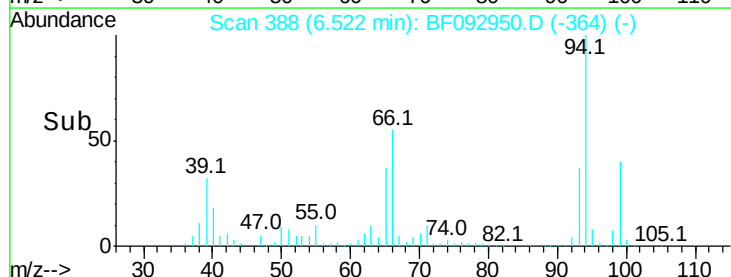
66 55.0 44.0 84.0

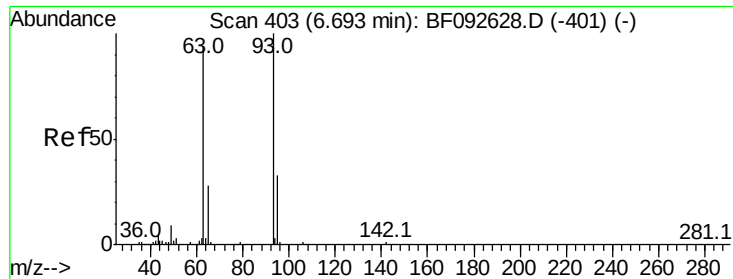


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.00 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

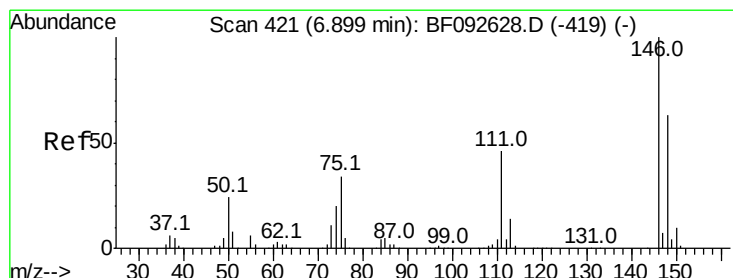
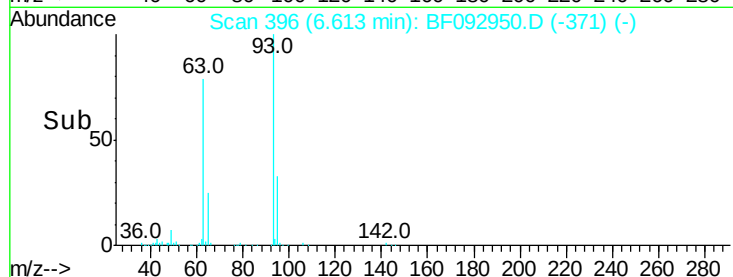
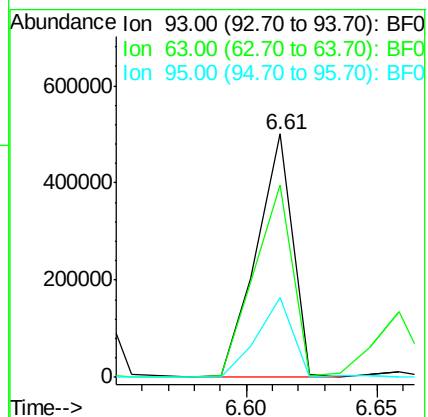
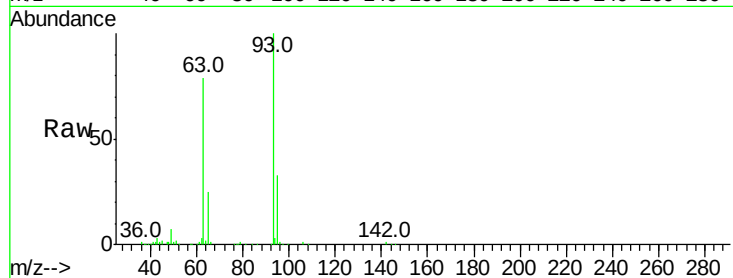
Tot Ion: 93 Resp: 485133

Ion Ratio Lower Upper

93 100

63 79.1 60.4 100.4

95 32.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 37.08 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.22 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

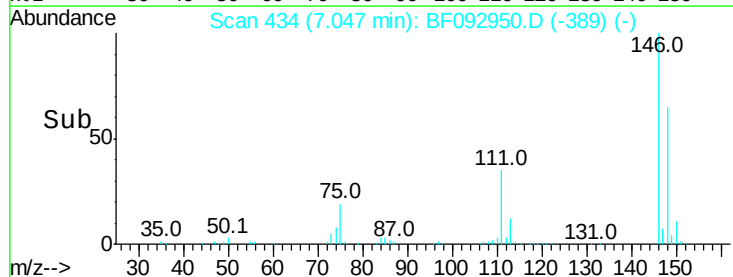
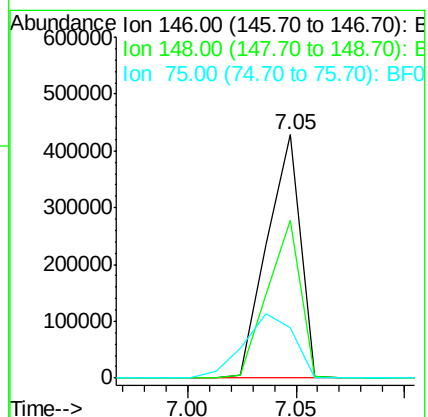
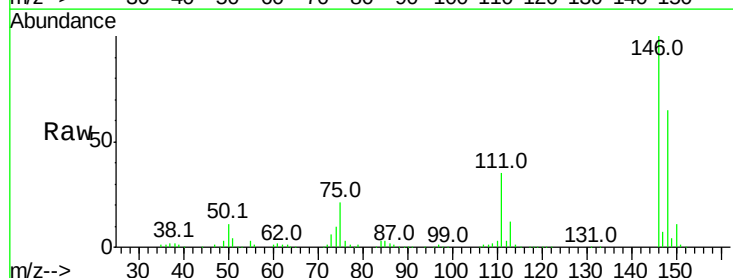
Tgt Ion: 146 Resp: 460641

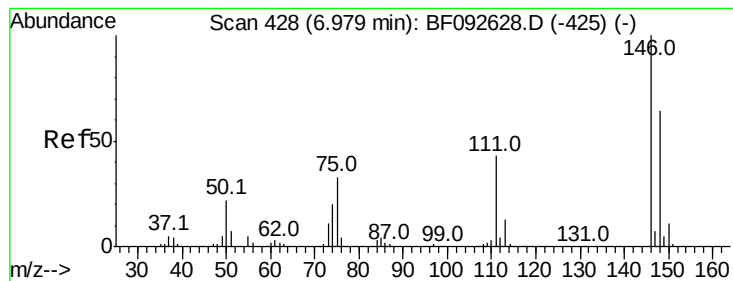
Ion Ratio Lower Upper

146 100

148 65.0 53.4 80.0

75 20.6 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 39.24 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

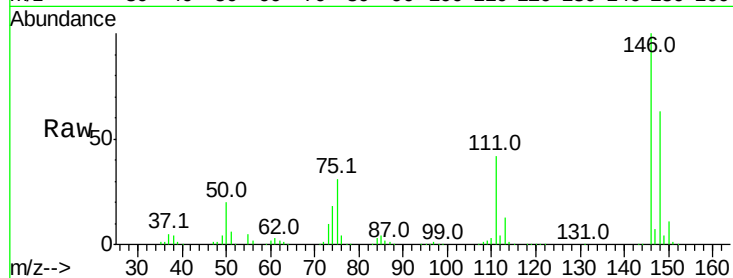
Tot Ion:146 Resp: 493319

Ion Ratio Lower Upper

146 100

148 63.2 50.6 76.0

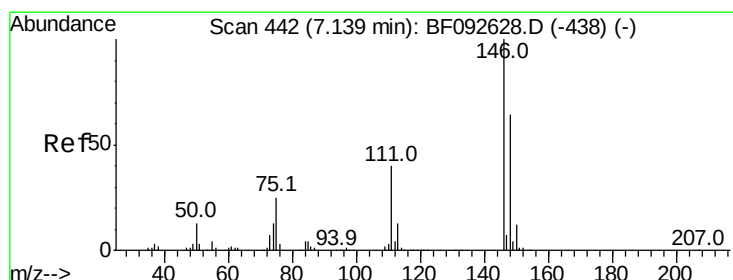
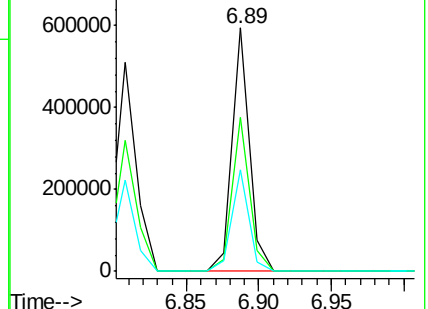
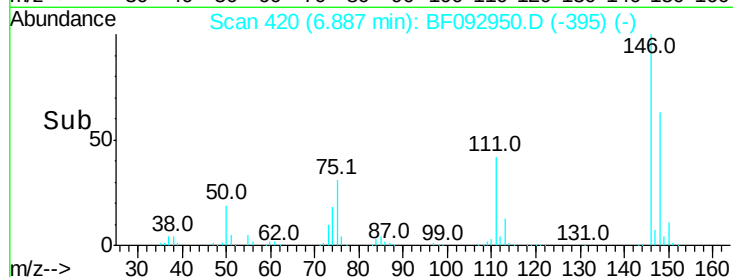
111 41.9 36.2 54.4



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: 41.03 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.17 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

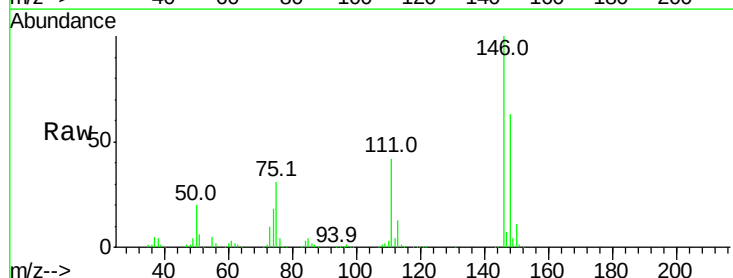
Tgt Ion:146 Resp: 493319

Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.2

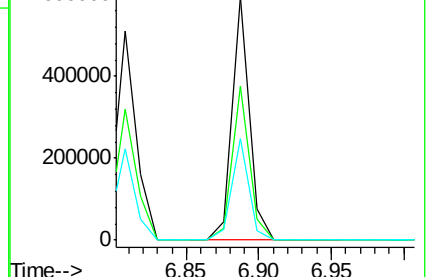
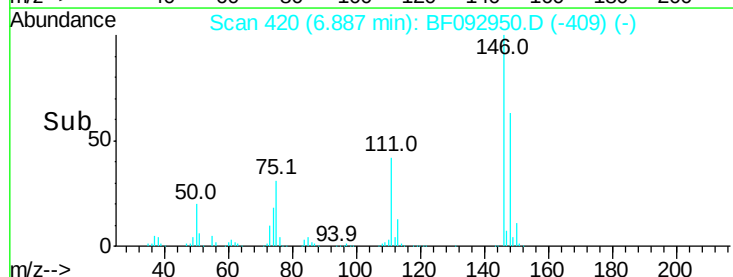
111 41.9 36.2 54.2

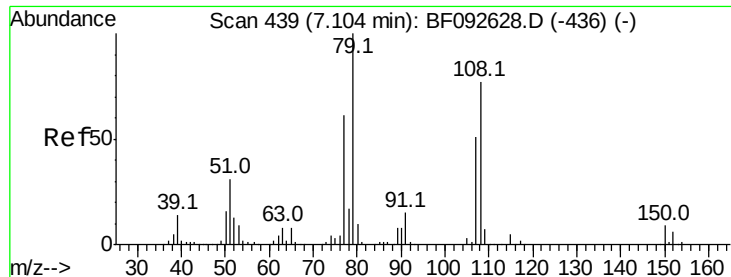


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.74 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampled :

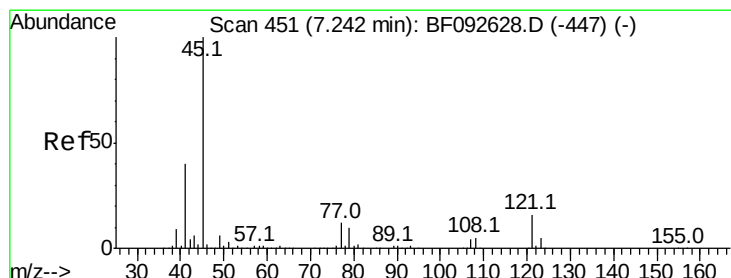
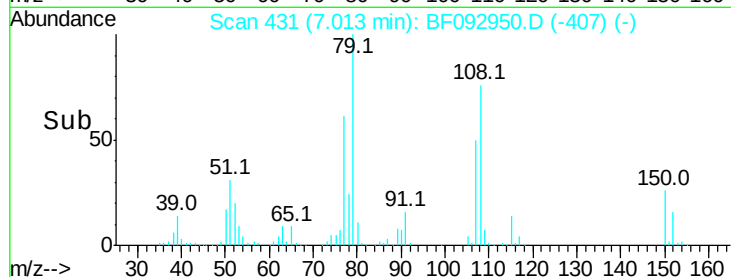
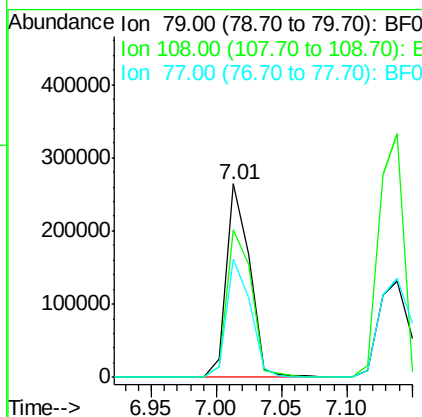
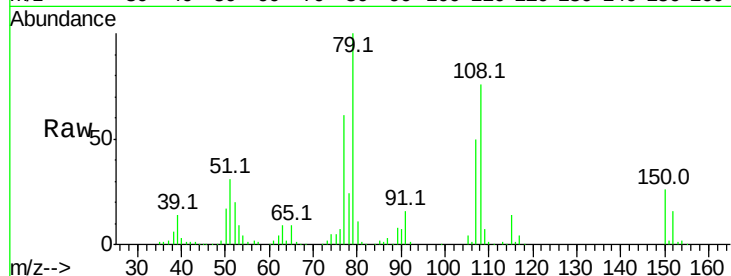
Tot Ion: 79 Resp: 327325

Ion Ratio Lower Upper

79 100

108 76.0 61.4 92.0

77 60.9 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.20 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

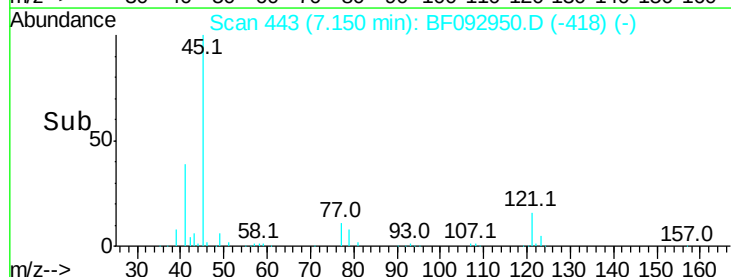
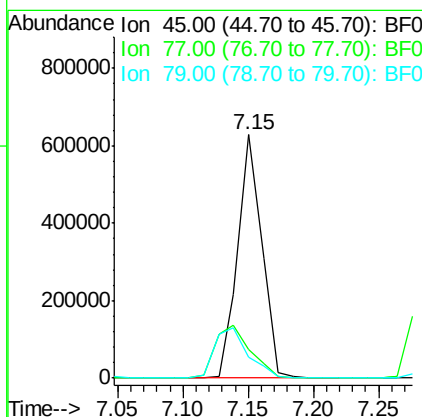
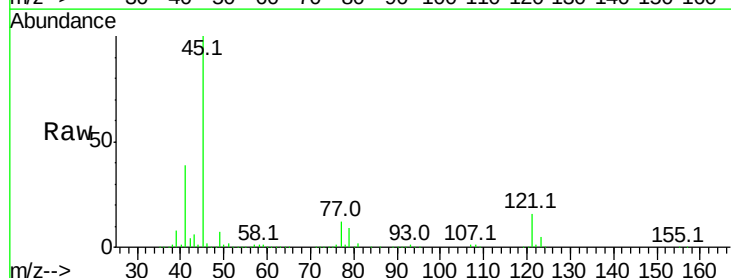
Tgt Ion: 45 Resp: 806688

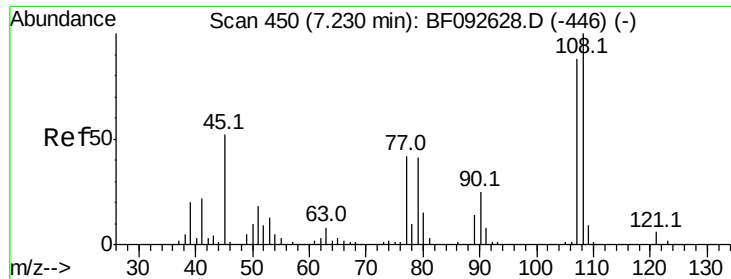
Ion Ratio Lower Upper

45 100

77 11.8 0.0 34.6

79 8.6 0.0 31.2





#17

2-Methylphenol

Concen: 42.57 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 387292

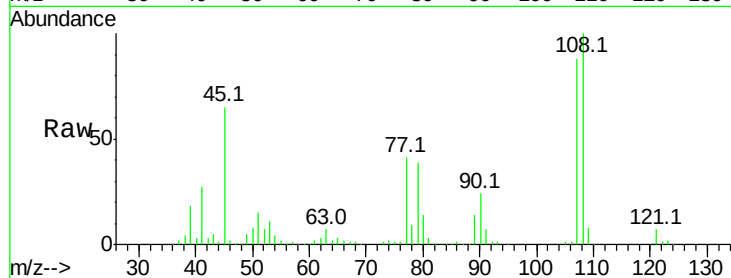
Ion Ratio Lower Upper

107 100

108 113.0 93.0 139.6

77 46.0 39.8 59.8

79 44.6 38.0 57.0

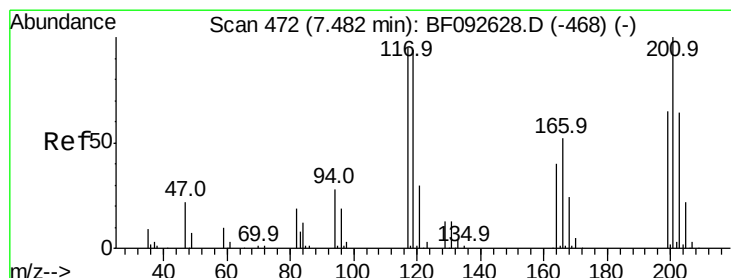
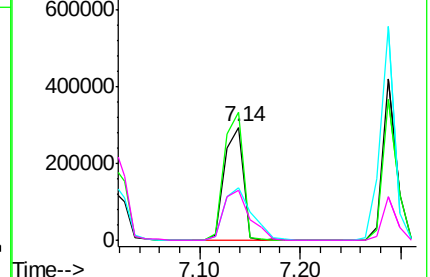
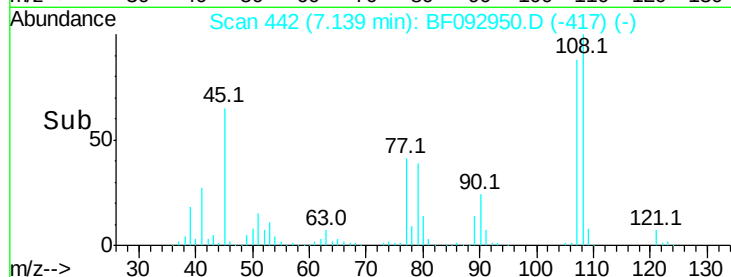


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.00 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

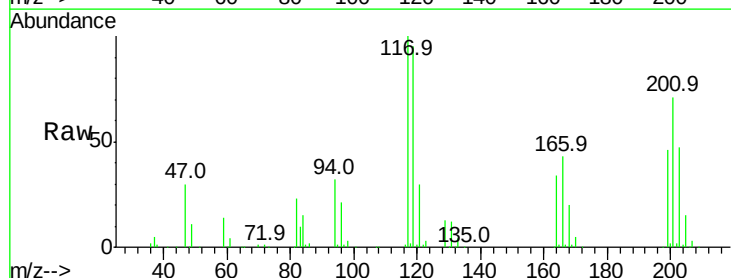
Tgt Ion:117 Resp: 167384

Ion Ratio Lower Upper

117 100

119 94.8 78.1 117.1

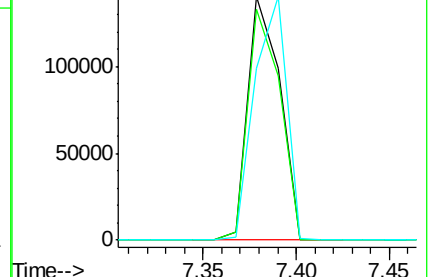
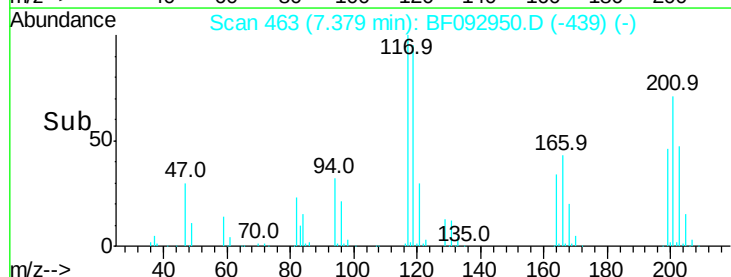
201 70.8 78.6 117.8#

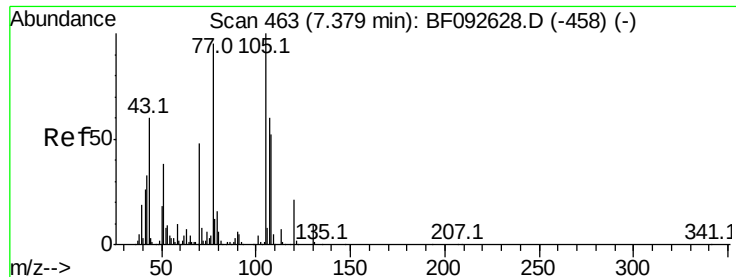


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

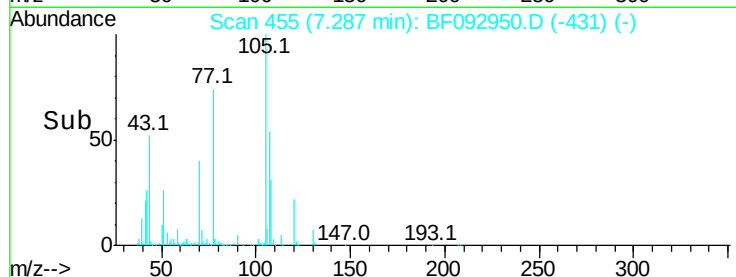
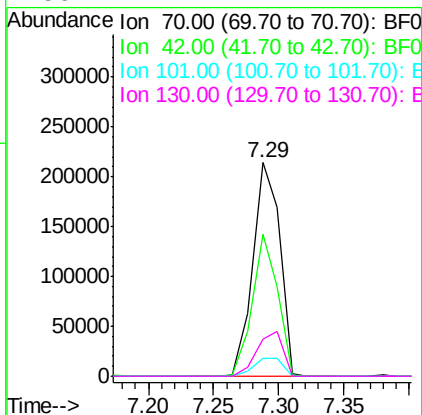
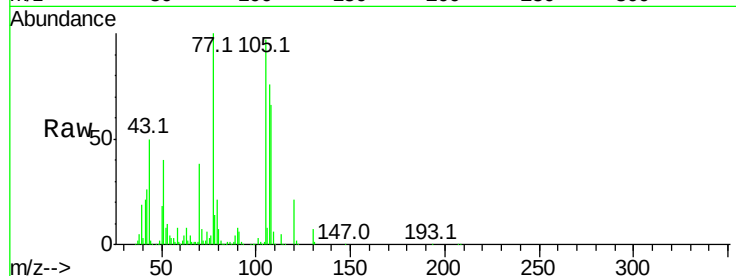




#19
n-Nitroso-di-n-propylamine
Concen: 39.33 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

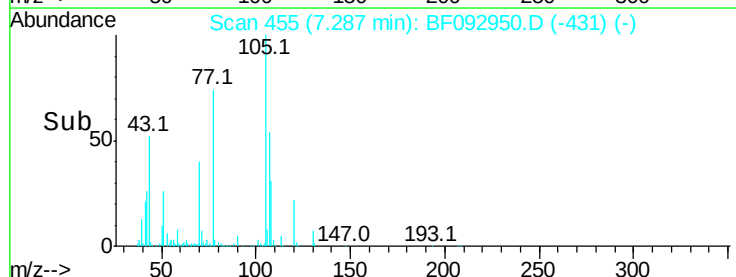
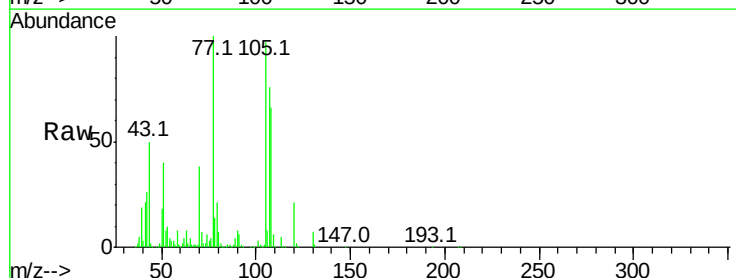
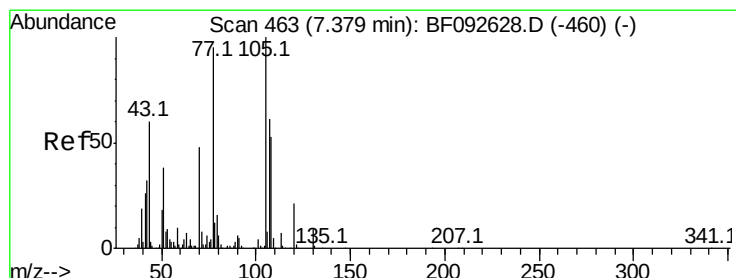
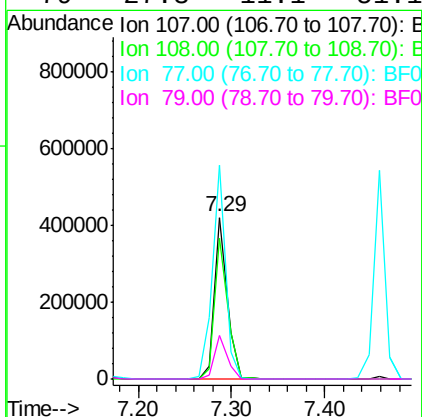
Instrument :
BNA_F
ClientSampleId :

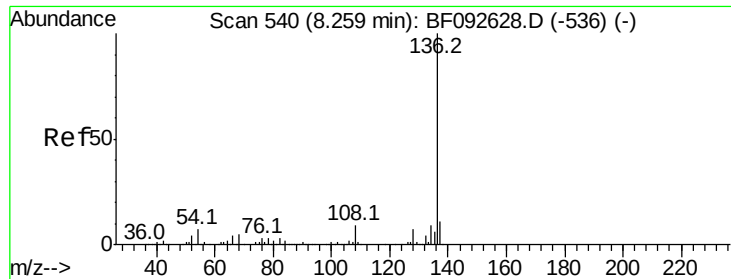
Tot Ion:	70	Resp:	309719
Ion	Ratio	Lower	Upper
70	100		
42	66.7	49.4	74.0
101	8.1	7.4	11.2
130	17.2	14.2	21.4



#20
3+4-Methylphenols
Concen: 36.95 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion:	107	Resp:	401986
Ion	Ratio	Lower	Upper
107	100		
108	87.5	73.0	113.0
77	132.4	71.3	111.3#
79	27.3	11.1	51.1

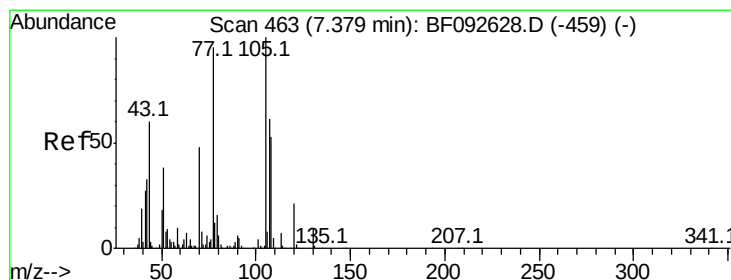
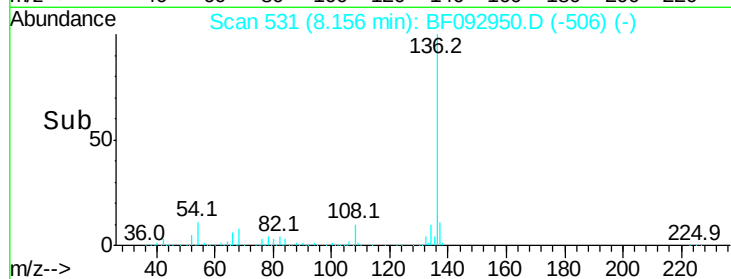
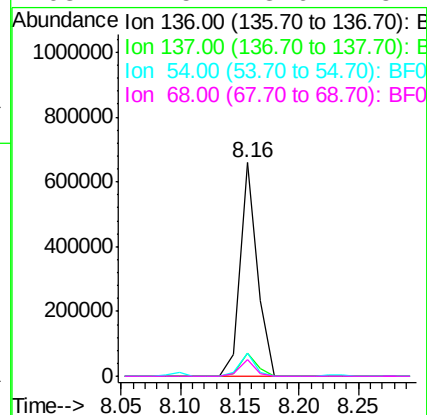
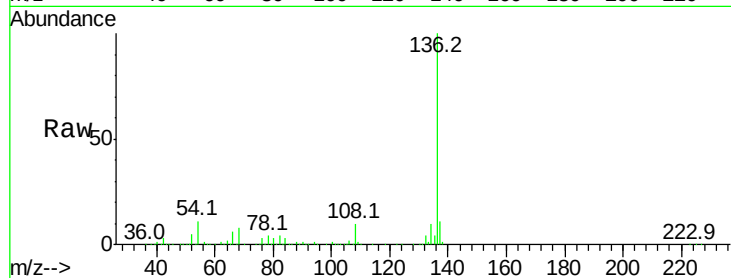




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

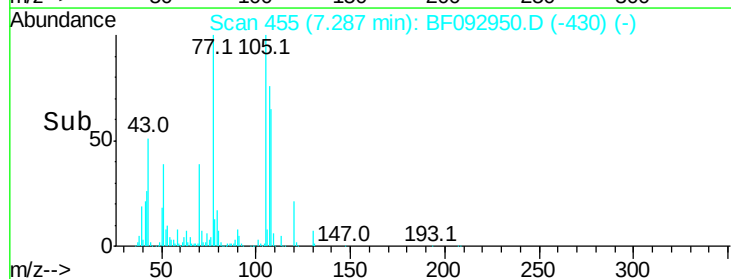
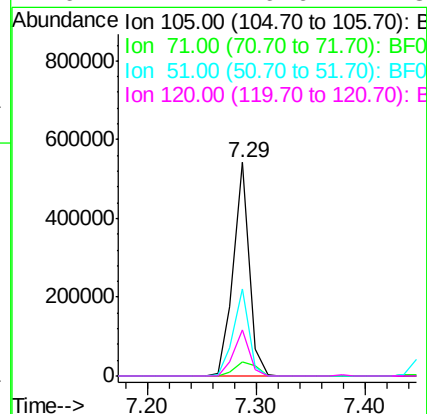
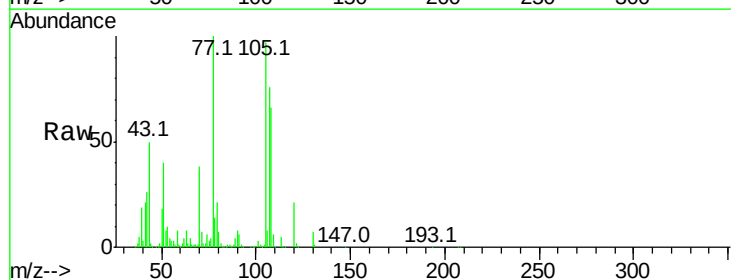
Instrument :
BNA_F
ClientSampleId :

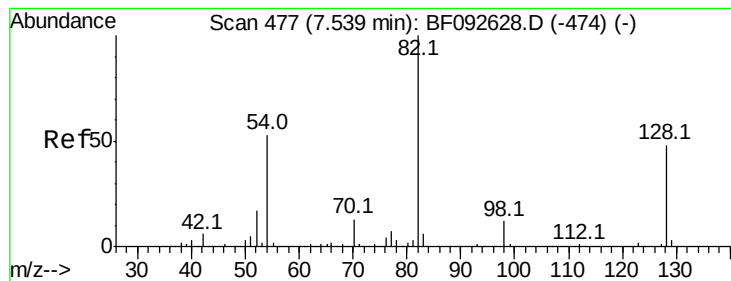
Tot Ion:136	Resp: 658084
Ion Ratio	Lower Upper
136 100	
137 11.1	8.4 12.6
54 11.0	4.5 6.7#
68 7.5	3.6 5.4#



#22
Acetophenone
Concen: 36.22 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt	Ion:105	Resp:	544280
Ion	Ratio	Lower	Upper
105	100		
71	6.7	3.2	4.8#
51	40.9	26.2	39.4#
120	21.4	16.6	24.8





#23

Nitrobenzene-d5

Concen: 80.92 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

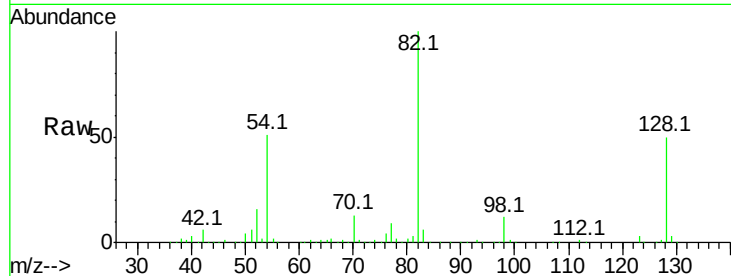
Tot Ion: 82 Resp: 956242

Ion Ratio Lower Upper

82 100

128 49.8 34.6 52.0

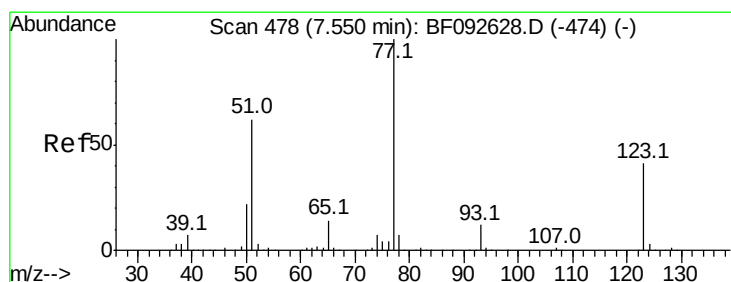
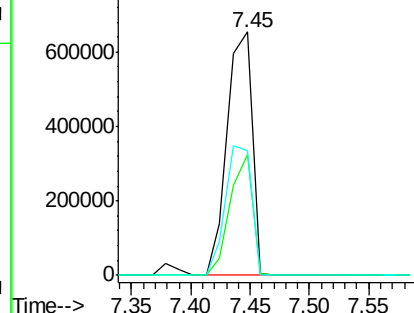
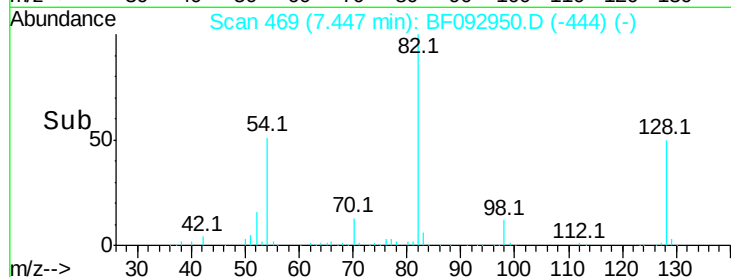
54 51.1 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 37.90 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

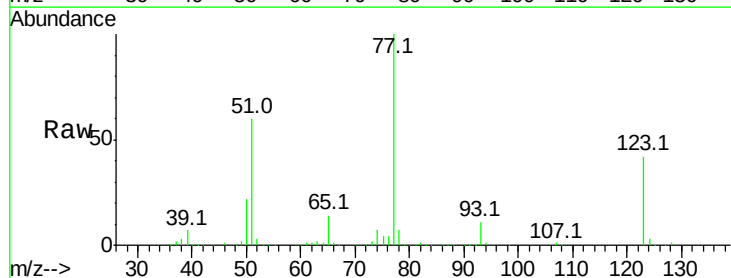
Tgt Ion: 77 Resp: 459920

Ion Ratio Lower Upper

77 100

123 41.7 33.0 49.4

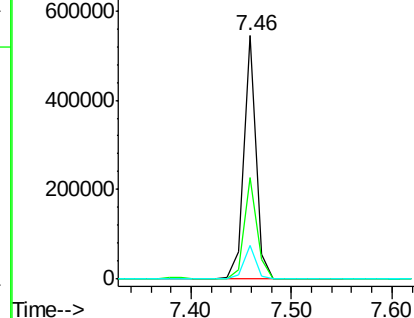
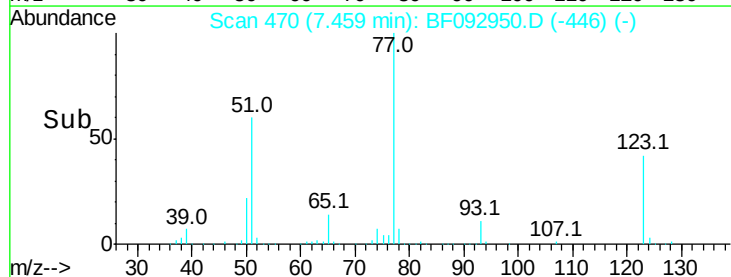
65 13.8 11.2 16.8

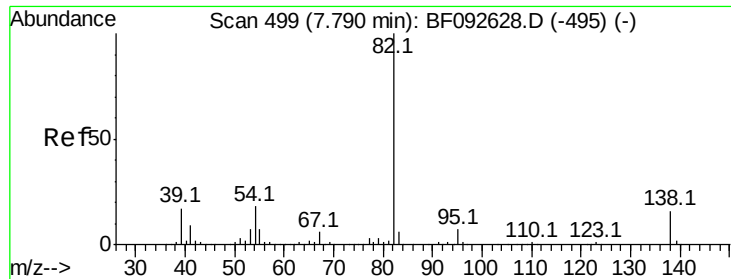


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.42 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

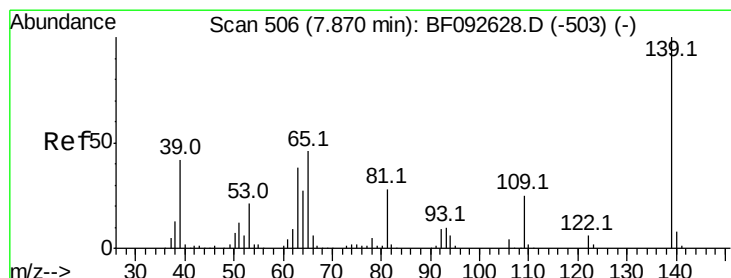
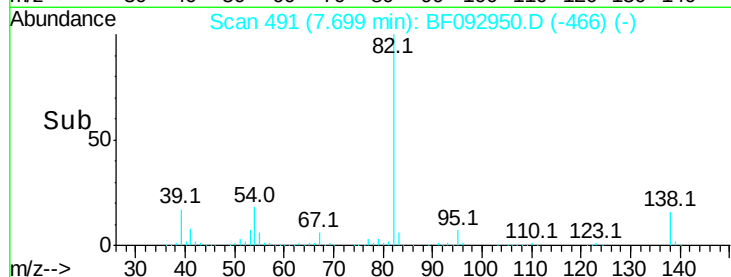
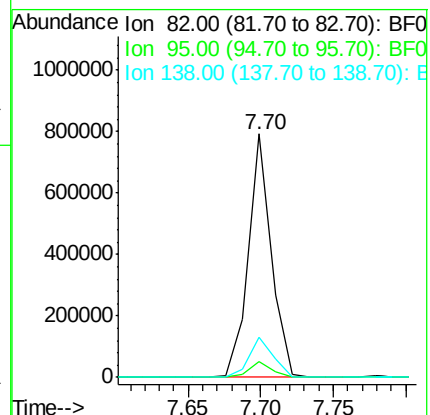
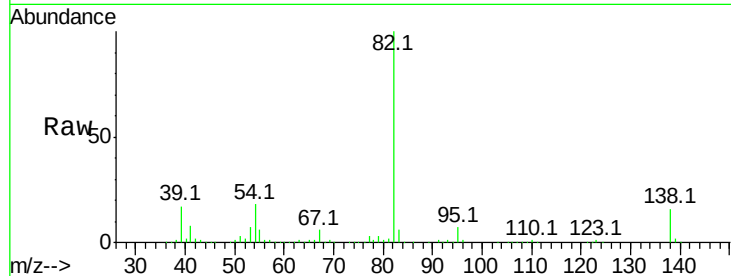
Tot Ion: 82 Resp: 868055

Ion Ratio Lower Upper

82 100

95 6.6 5.6 8.4

138 16.4 14.6 22.0



#26

2-Nitrophenol

Concen: 43.74 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

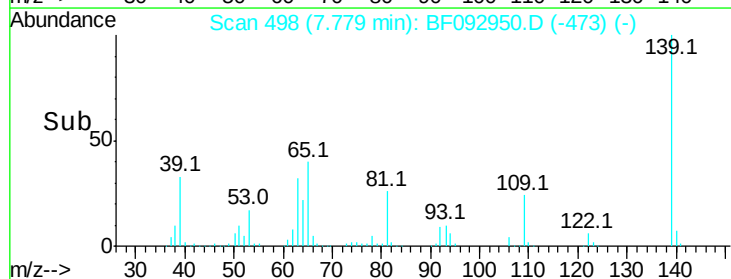
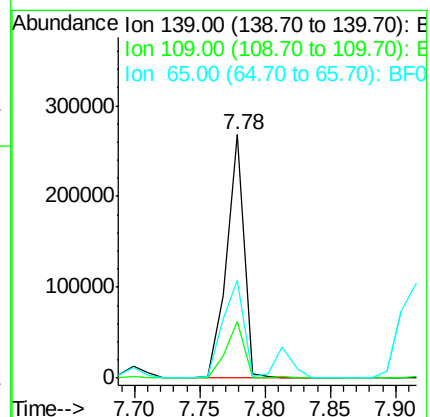
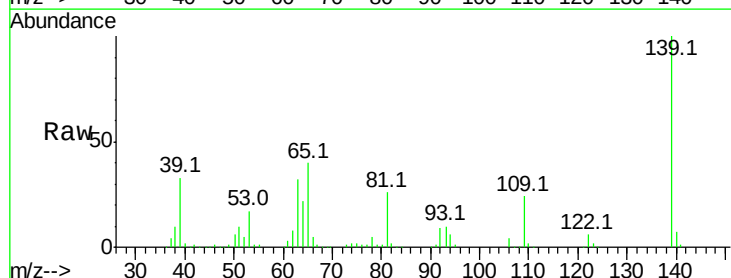
Tgt Ion: 139 Resp: 252300

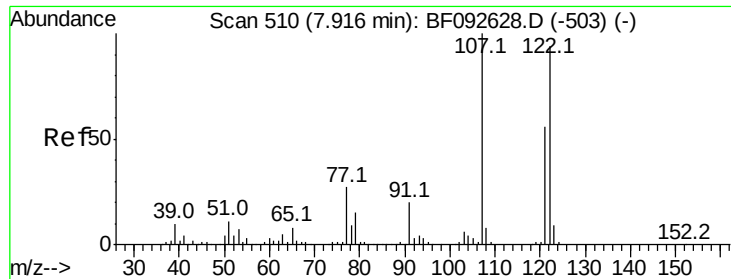
Ion Ratio Lower Upper

139 100

109 23.5 23.3 34.9

65 39.9 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 36.29 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.02 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampled :

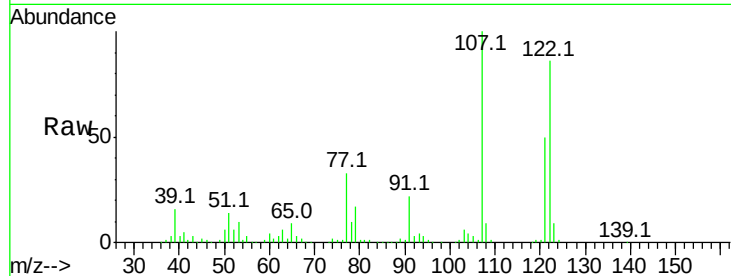
Tot Ion:122 Resp: 367633

Ion Ratio Lower Upper

122 100

107 116.3 94.1 141.1

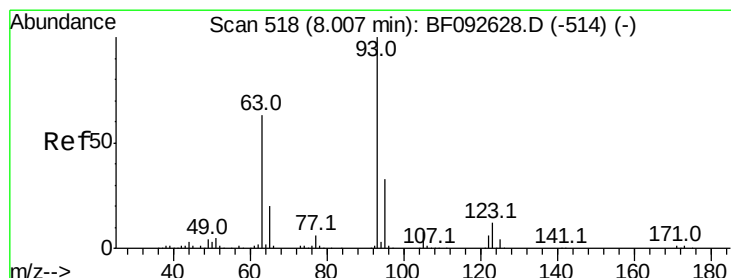
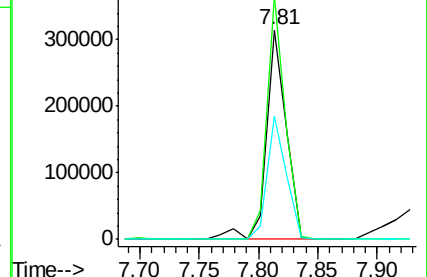
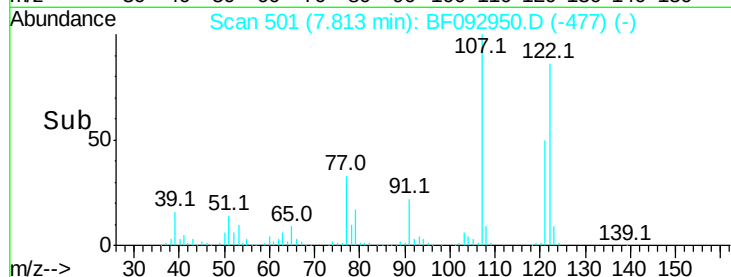
121 58.7 46.0 69.0



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: 40.80 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

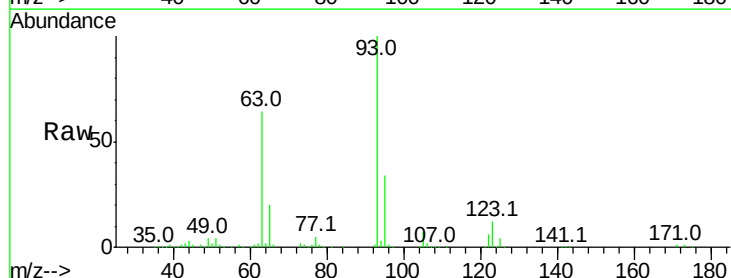
Tgt Ion: 93 Resp: 595089

Ion Ratio Lower Upper

93 100

95 33.7 26.5 39.7

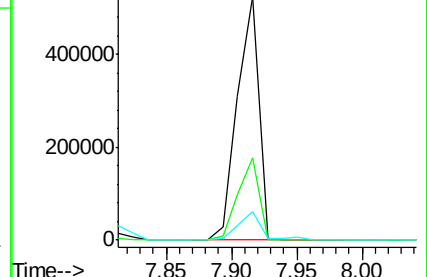
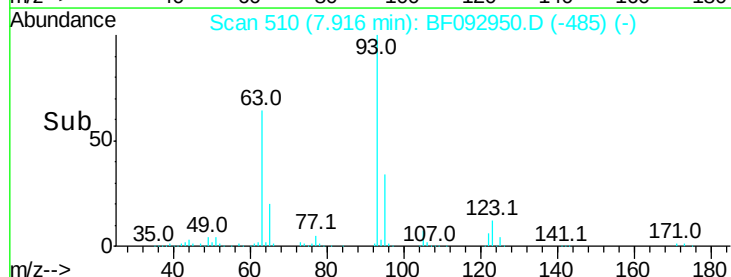
123 12.0 8.6 13.0

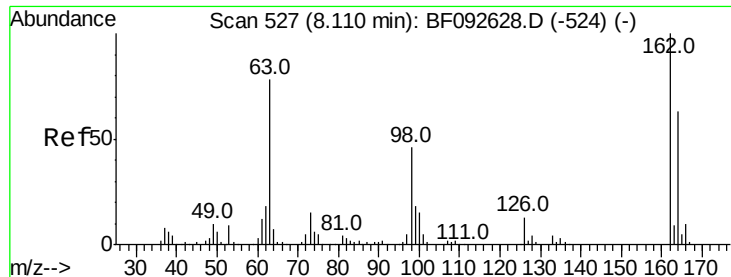


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

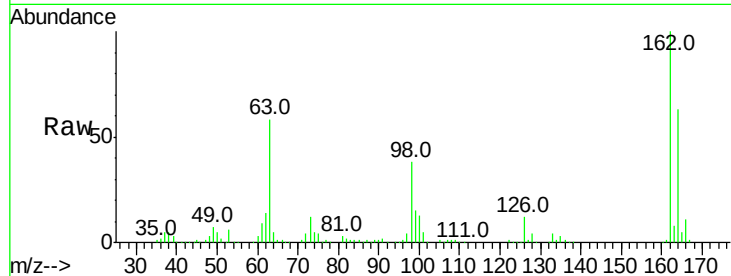




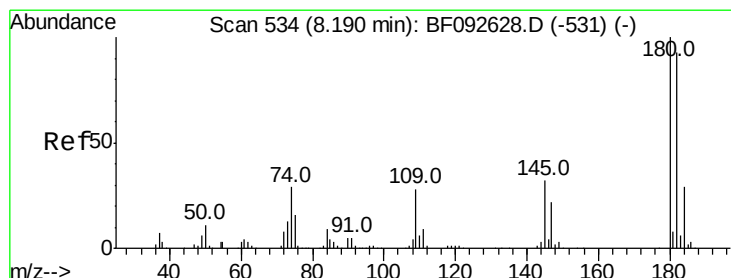
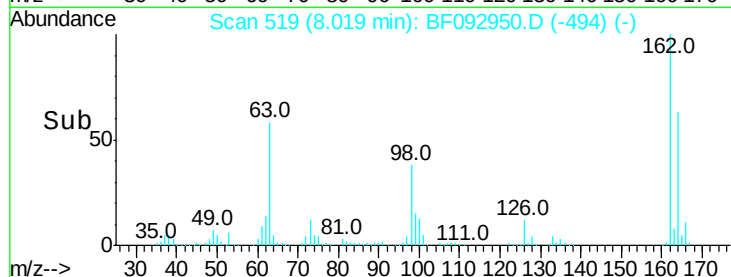
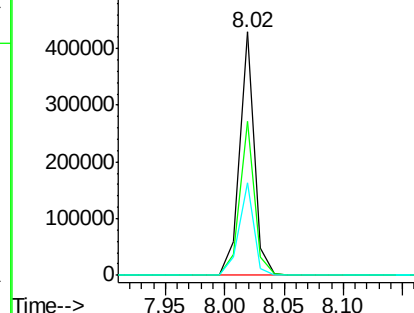
#29
 2,4-Dichlorophenol
 Concen: 39.50 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	46.8	86.8
98	38.3	9.1	49.1

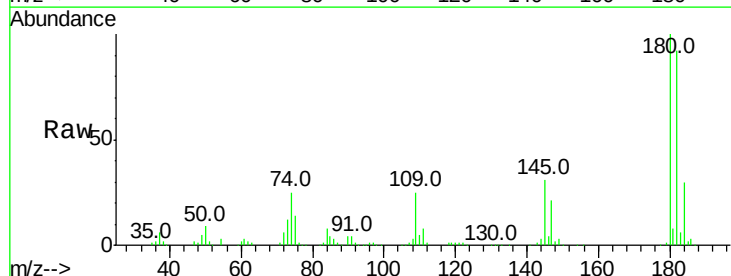


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

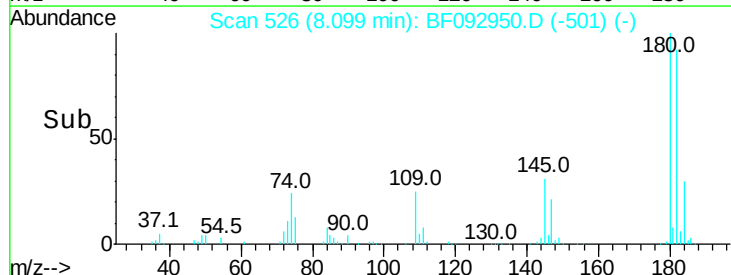
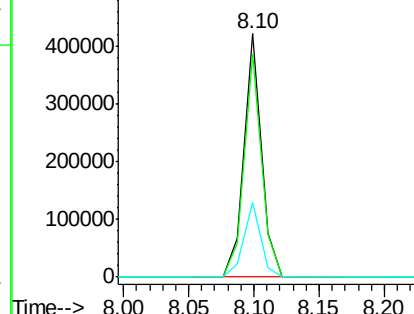


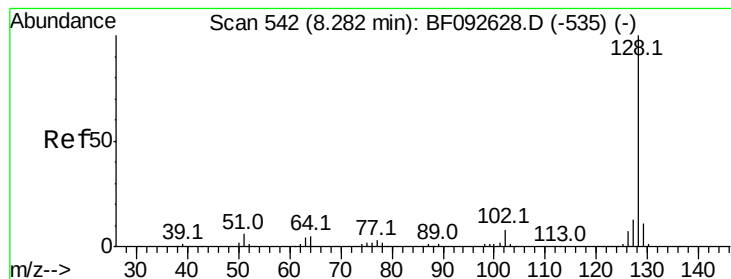
#30
 1,2,4-Trichlorobenzene
 Concen: 38.15 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.8	78.2	117.4
145	30.9	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: 35.57 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

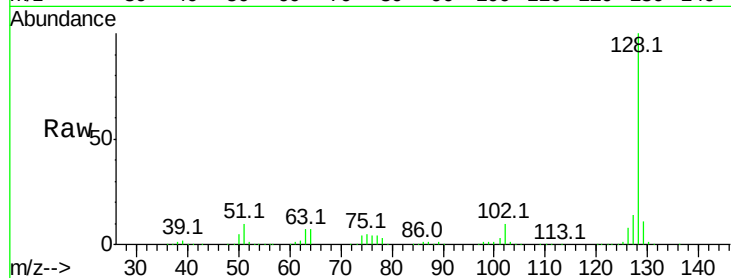
Tot Ion:128 Resp: 1186500

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

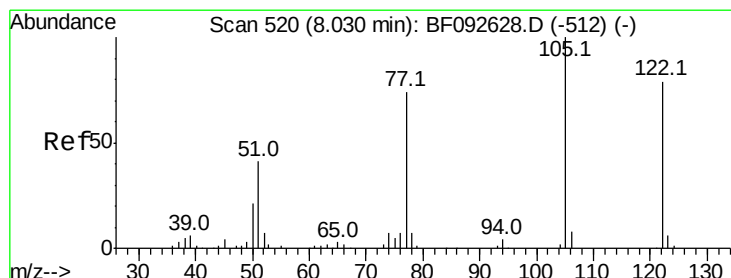
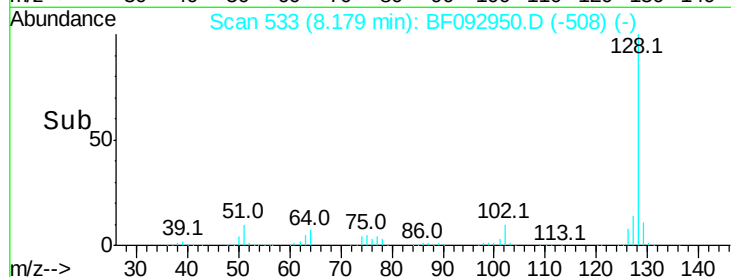
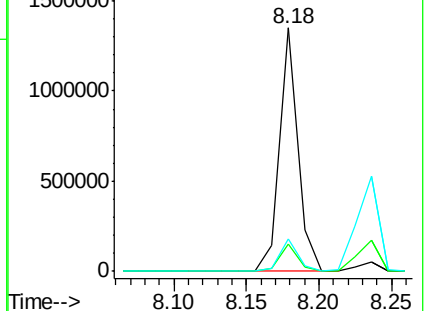
127 13.5 10.8 16.2



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: 36.75 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

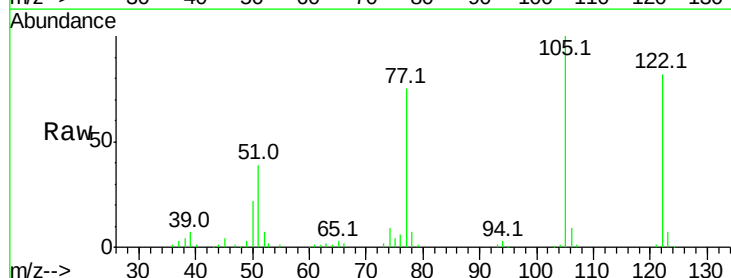
Tgt Ion:122 Resp: 199624

Ion Ratio Lower Upper

122 100

105 122.7 107.2 147.2

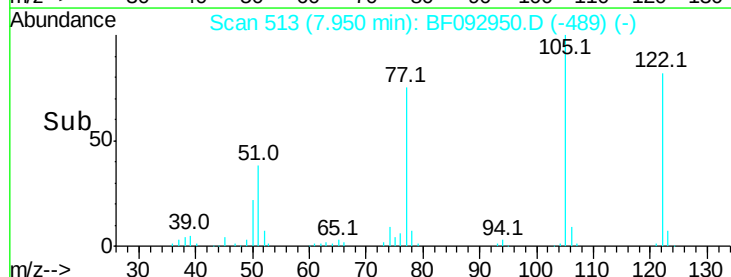
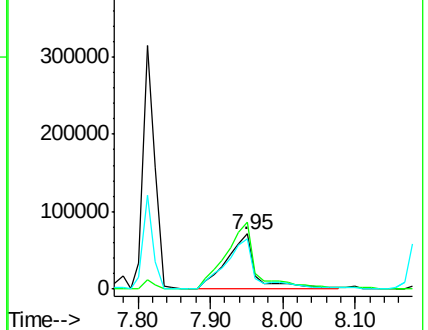
77 91.9 74.5 114.5

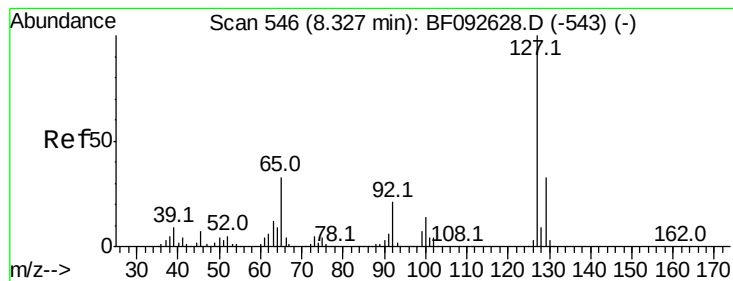


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 42.09 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 550733

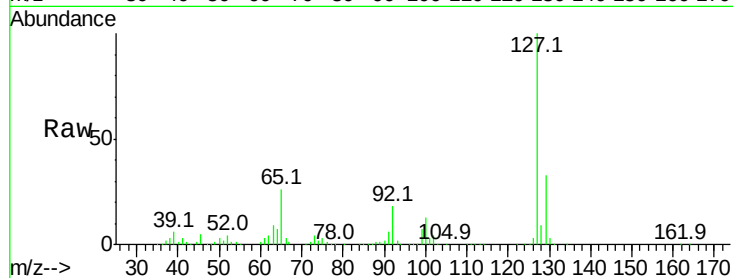
Ion Ratio Lower Upper

127 100

129 32.6 26.3 39.5

65 26.2 25.8 38.8

92 17.6 16.1 24.1

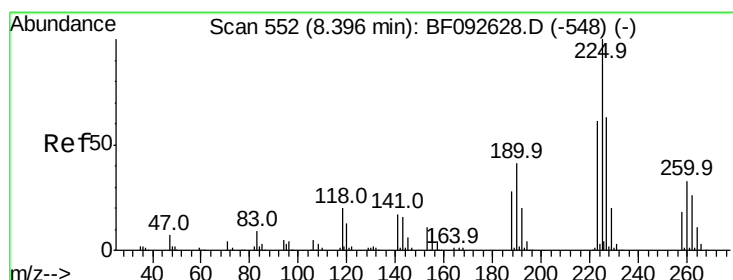
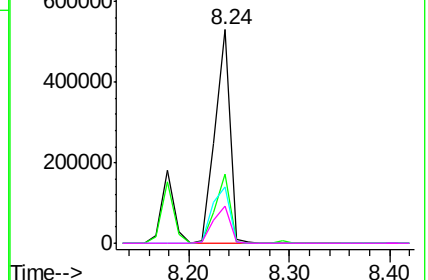
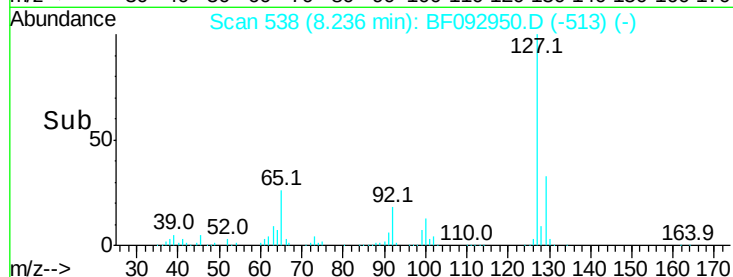


Abundance Ion 127.00 (126.70 to 127.70): E

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: 35.37 ng

RT: 8.29 min Scan# 543

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

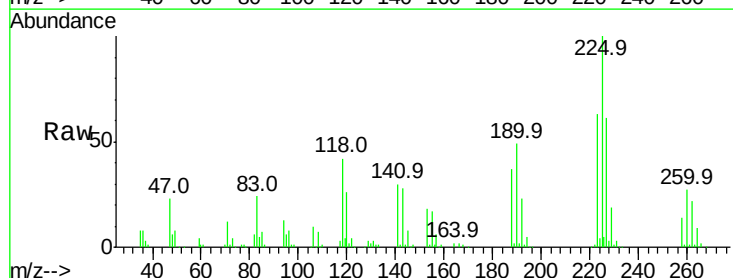
Tgt Ion:225 Resp: 198132

Ion Ratio Lower Upper

225 100

223 63.0 51.0 76.6

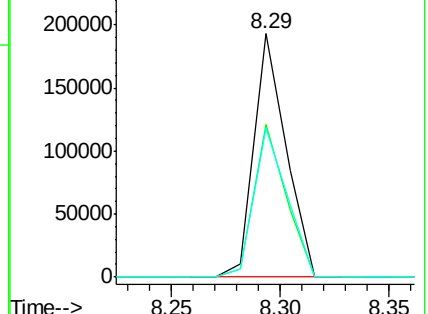
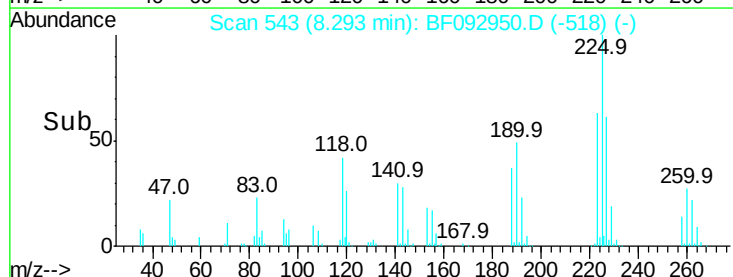
227 61.0 50.6 76.0

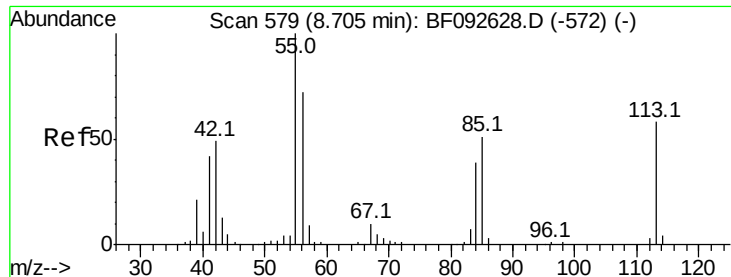


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

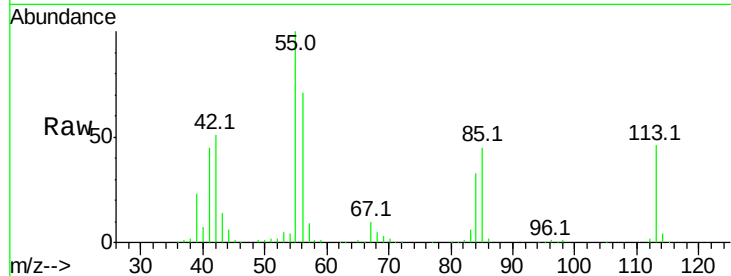




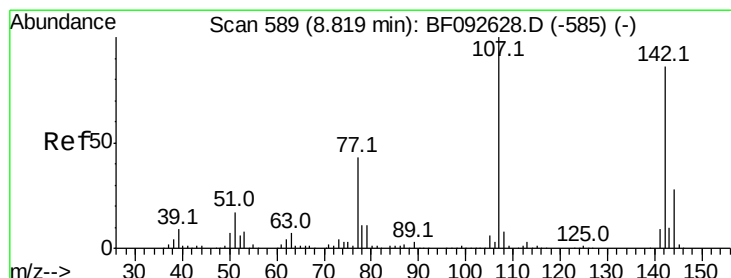
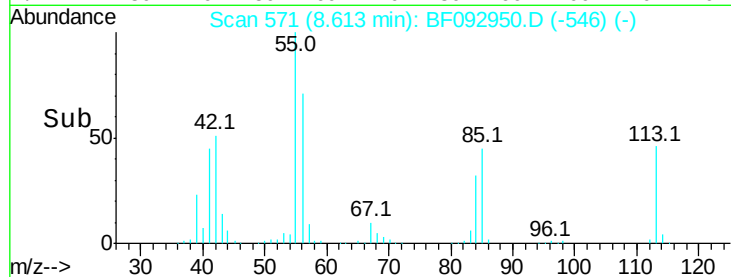
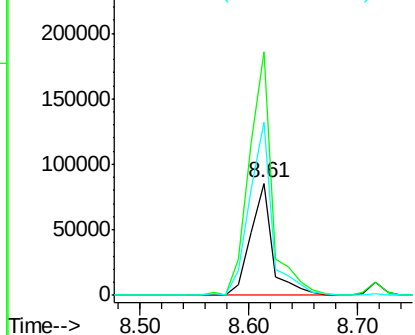
#35
 Caprolactam
 Concen: 40.43 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 120139
 Ion Ratio Lower Upper
 113 100
 55 217.5 119.2 159.2#
 56 154.7 83.8 123.8#

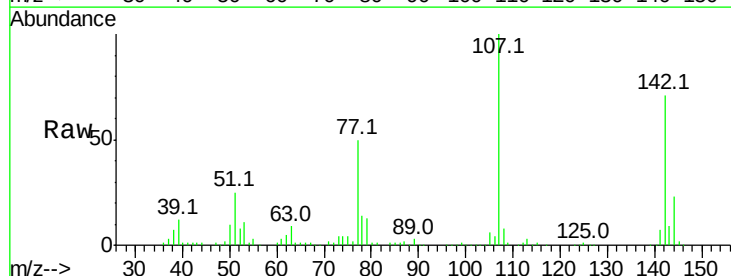


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

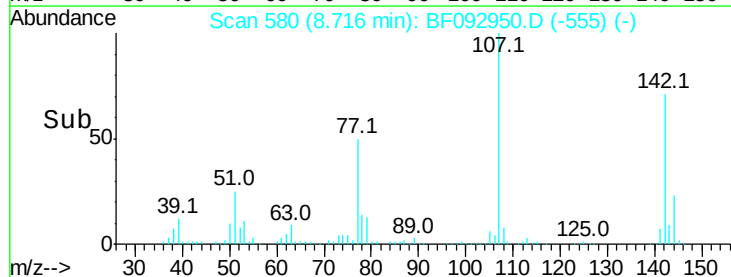
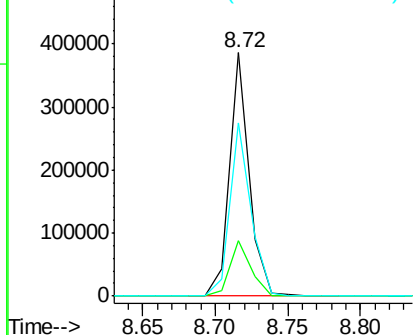


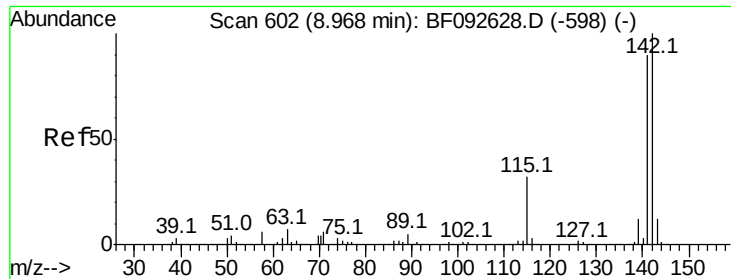
#36
 4-Chloro-3-methylphenol
 Concen: 36.75 ng
 RT: 8.72 min Scan# 580
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion:107 Resp: 361945
 Ion Ratio Lower Upper
 107 100
 144 22.8 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

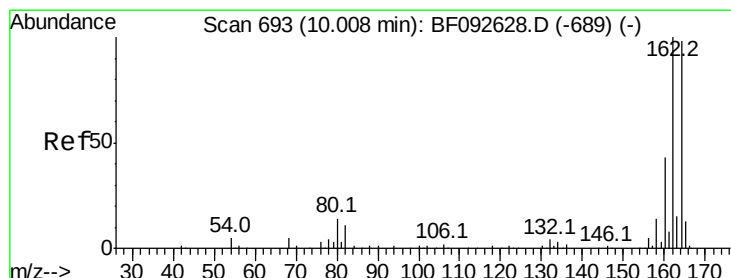
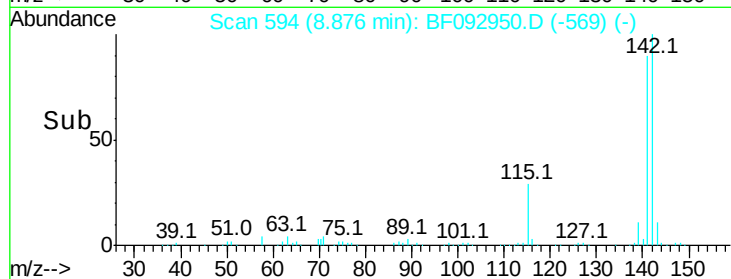
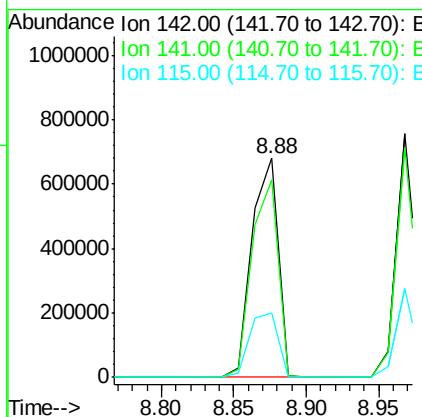
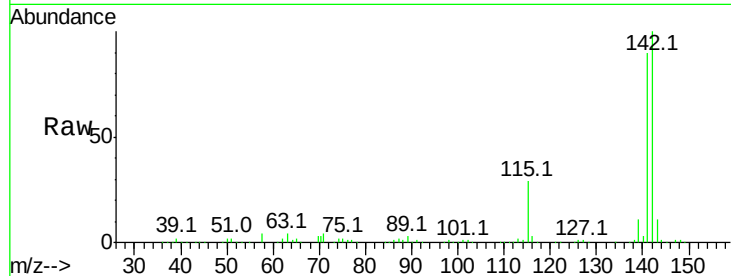




#37
 2-Methylnaphthalene
 Concen: 39.82 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

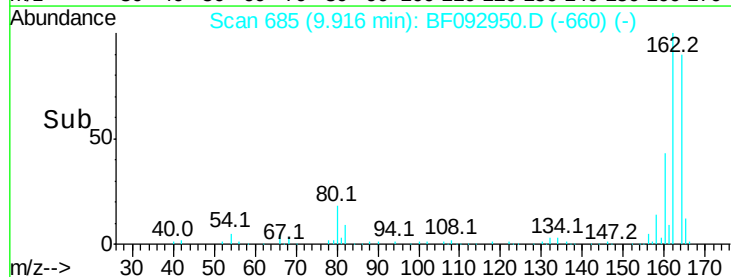
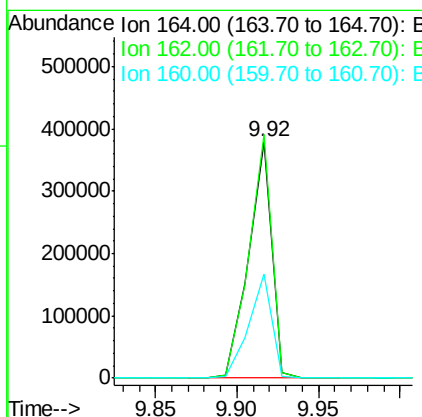
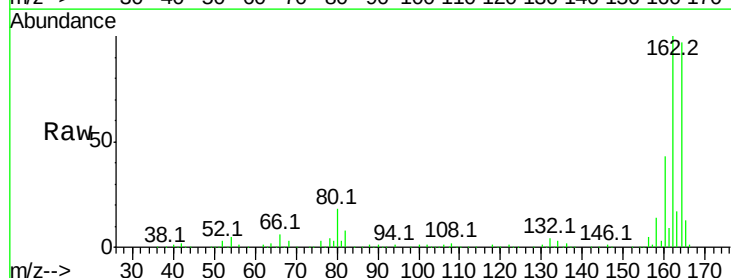
Instrument :
 BNA_F
 ClientSampled :

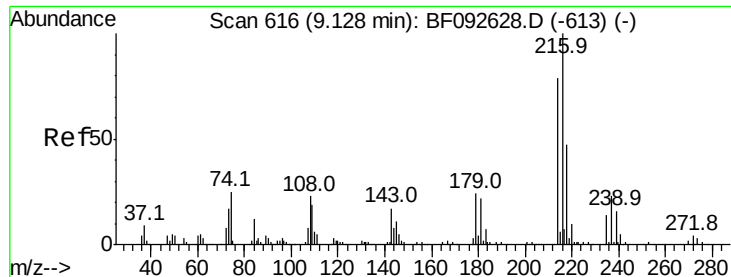
Tot Ion:142 Resp: 852880
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.0 106.6
 115 29.5 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion:164 Resp: 371026
 Ion Ratio Lower Upper
 164 100
 162 103.2 80.2 120.2
 160 44.0 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.47 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 369424

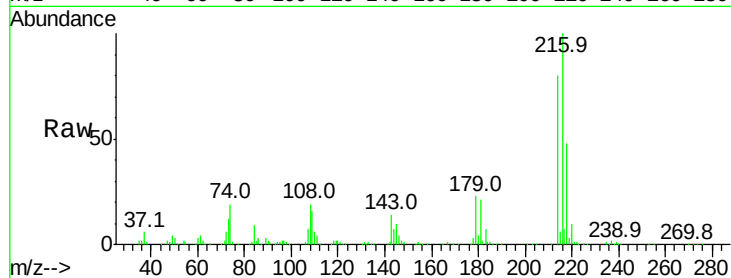
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.0

179 21.8 17.4 26.2

108 19.6 15.6 23.4

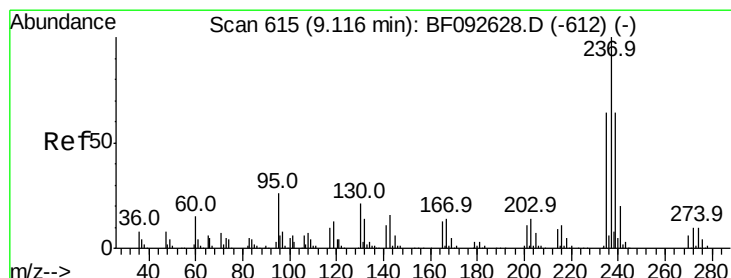
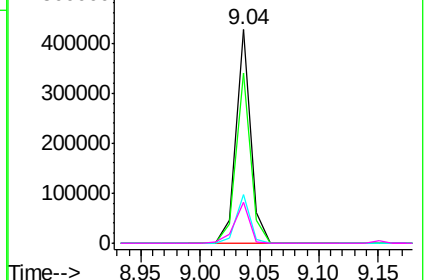
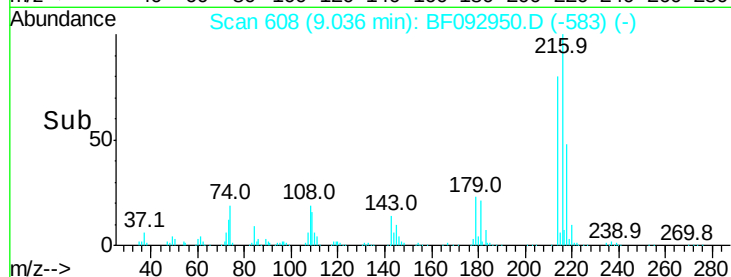


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.96 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

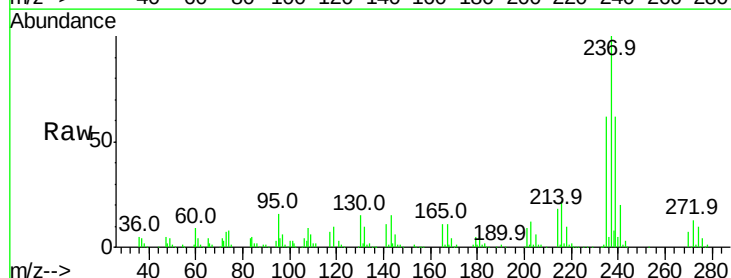
Tgt Ion:237 Resp: 173676

Ion Ratio Lower Upper

237 100

235 62.1 41.2 81.2

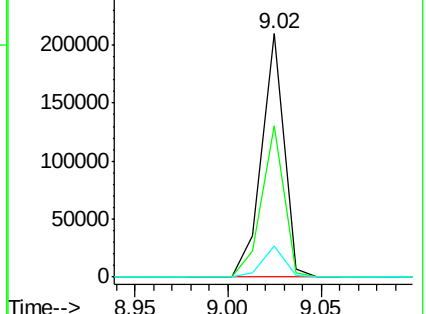
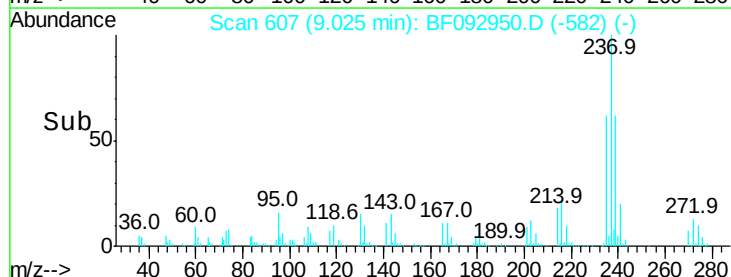
272 12.5 0.0 35.4

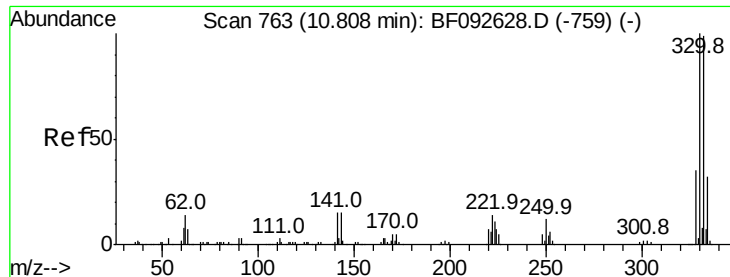


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

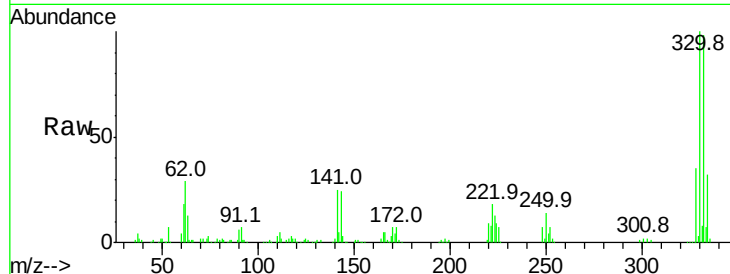




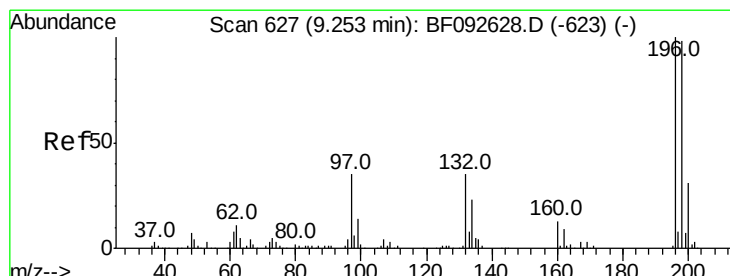
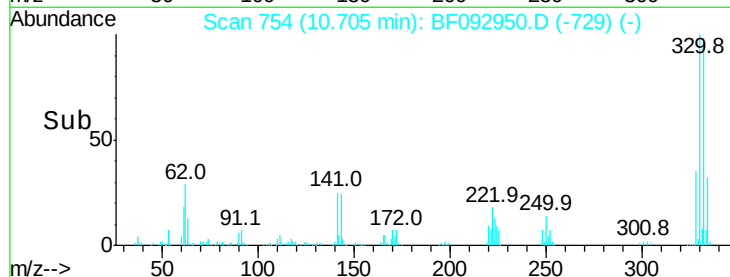
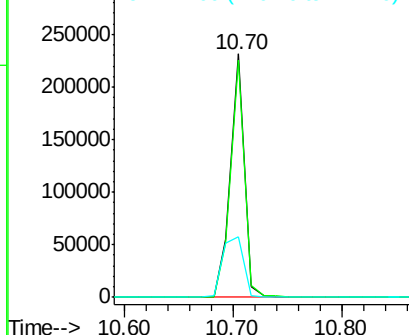
#41
 2,4,6-Tribromophenol
 Concen: 77.37 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	37.5	34.1	51.1

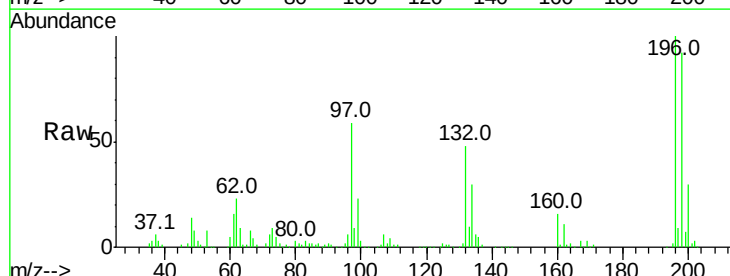


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

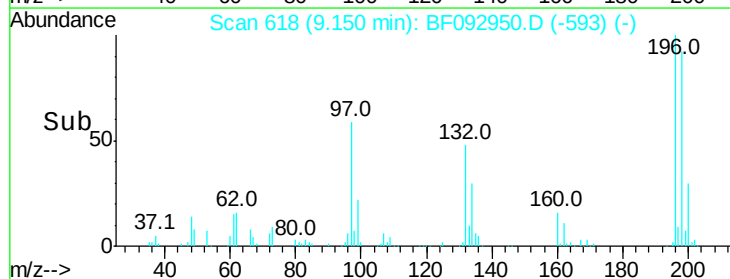
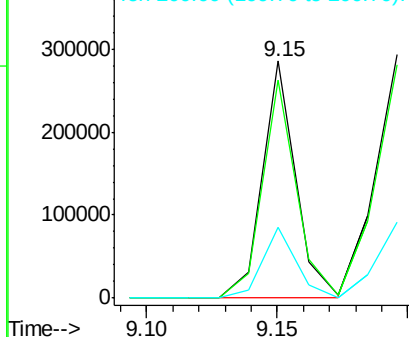


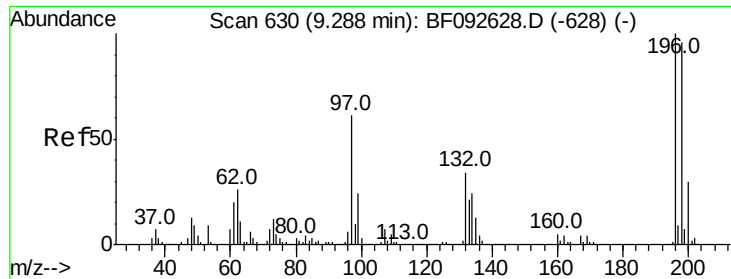
#42
 2,4,6-Trichlorophenol
 Concen: 36.55 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.3	82.1	123.1
200	29.8	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

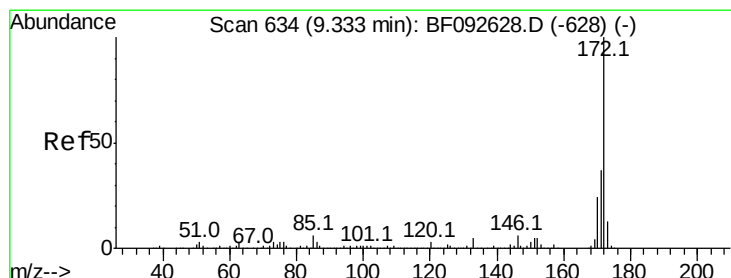
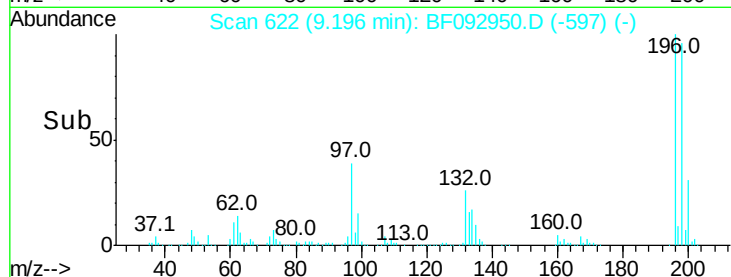
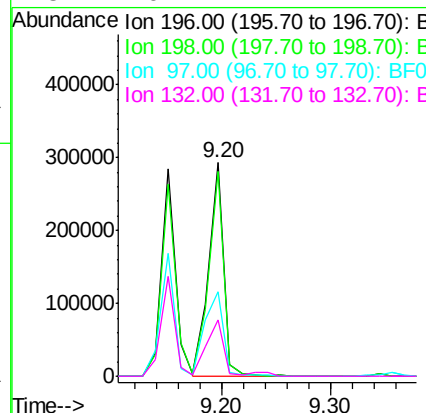
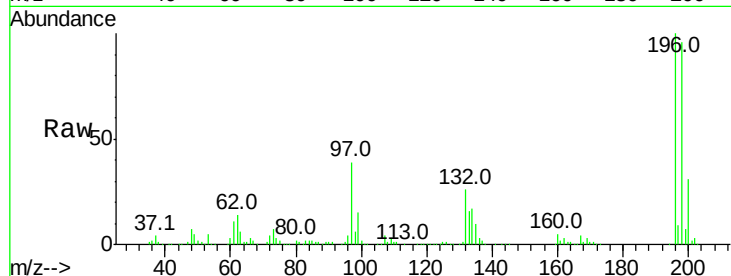




#43
 2,4,5-Trichlorophenol
 Concen: 37.96 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

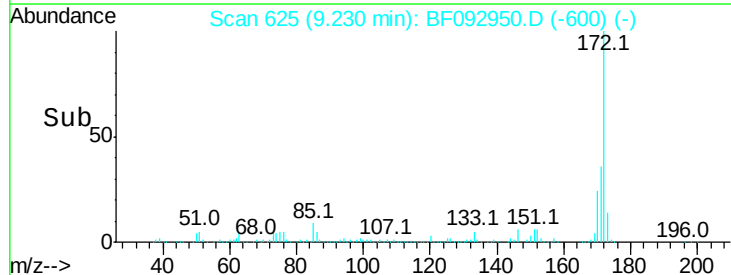
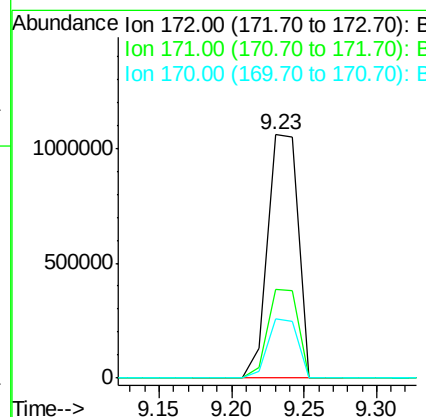
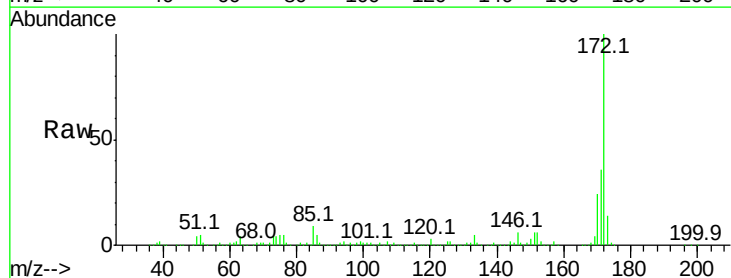
Instrument :
 BNA_F
 ClientSampleId :

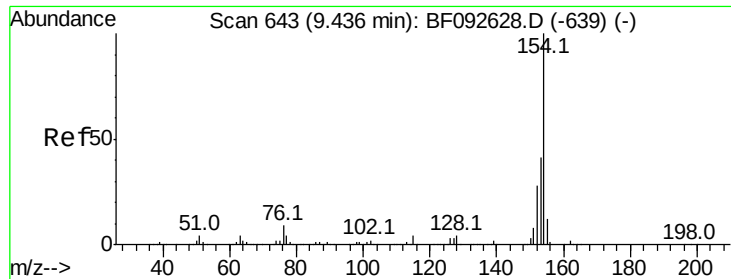
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	79.4	119.2
97	39.5	51.5	77.3#
132	26.2	27.4	41.2#



#44
 2-Fluorobiphenyl
 Concen: 75.17 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.4	20.2	30.4





#45

1,1'-Biphenyl

Concen: 34.19 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

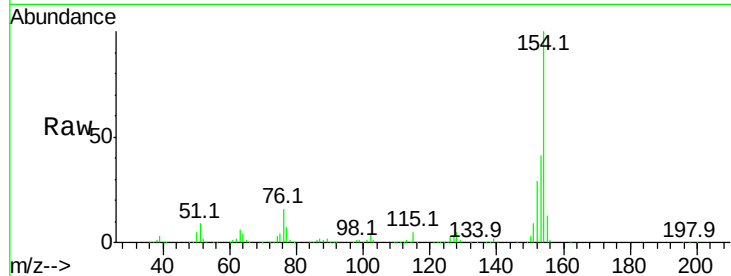
Tot Ion:154 Resp: 918506

Ion Ratio Lower Upper

154 100

153 41.1 20.9 60.9

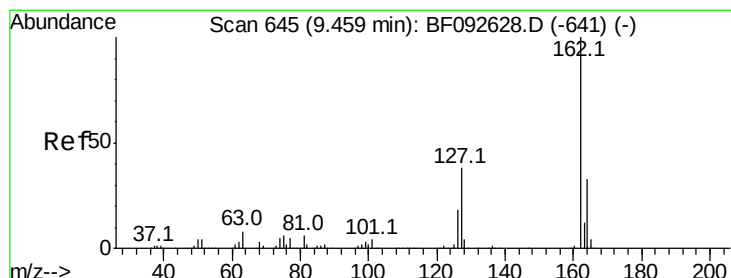
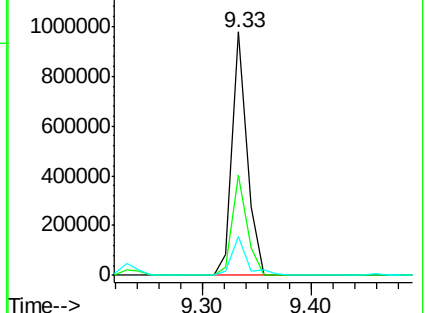
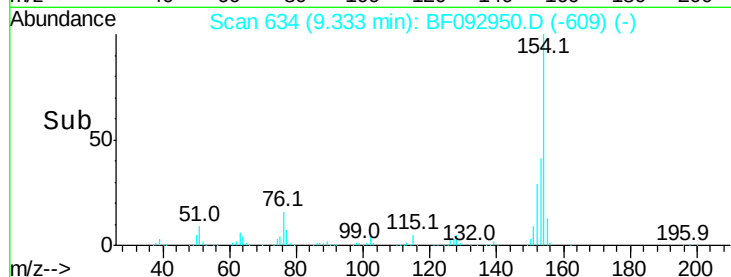
76 16.2 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.77 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

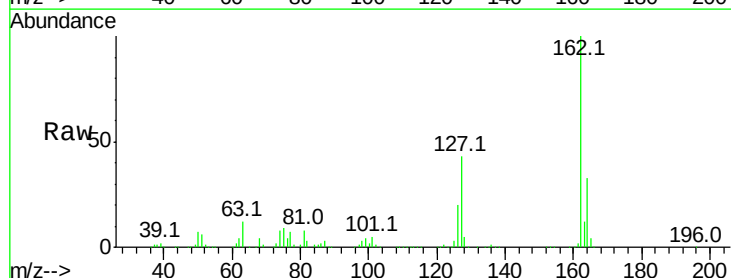
Tgt Ion:162 Resp: 772766

Ion Ratio Lower Upper

162 100

127 42.7 30.7 46.1

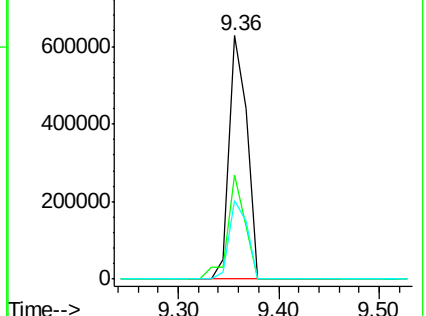
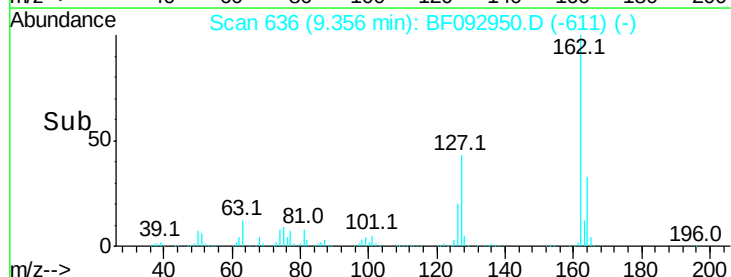
164 32.5 27.6 41.4

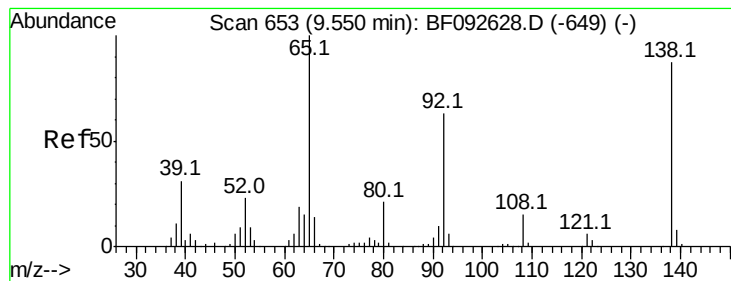


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.90 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

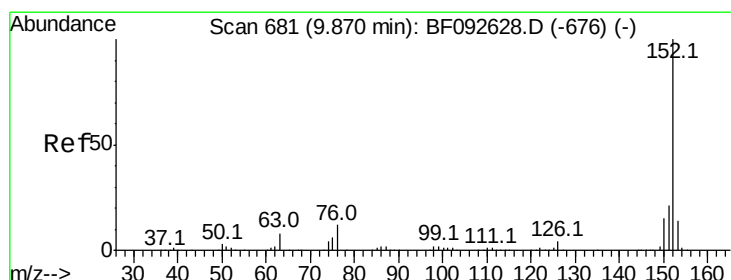
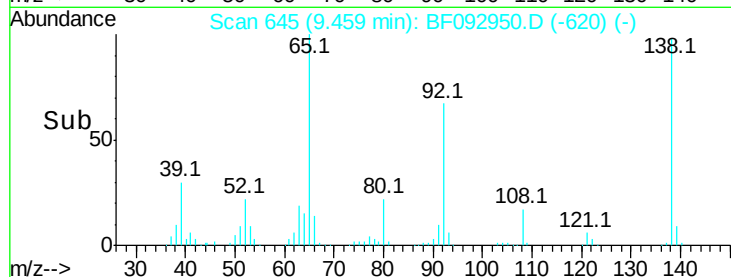
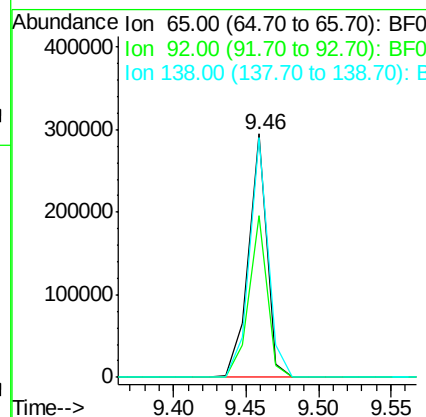
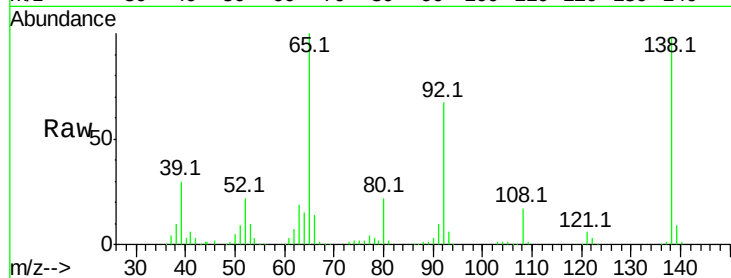
Tot Ion: 65 Resp: 260745

Ion Ratio Lower Upper

65 100

92 66.6 53.9 80.9

138 98.4 76.8 115.2



#48

Acenaphthylene

Concen: 38.07 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

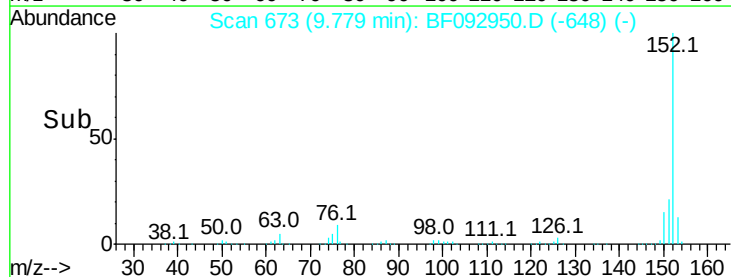
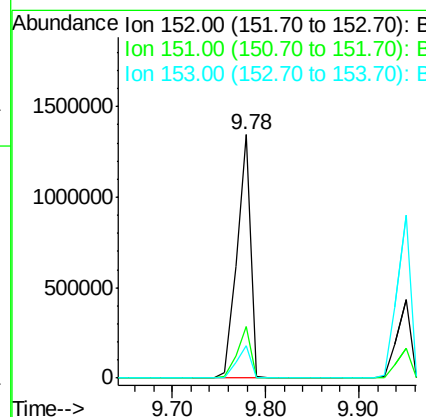
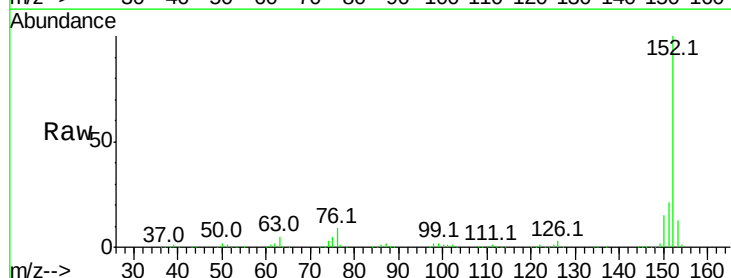
Tgt Ion: 152 Resp: 1382061

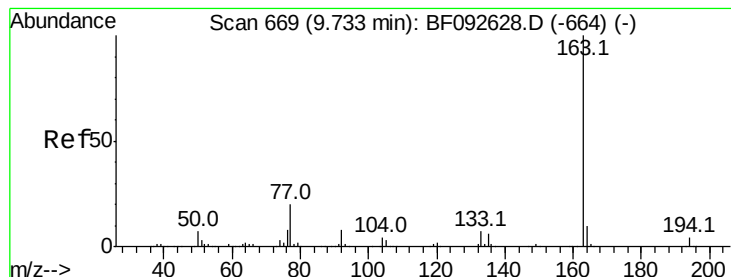
Ion Ratio Lower Upper

152 100

151 21.1 16.9 25.3

153 13.2 11.4 17.2





#49

Dimethylphthalate

Concen: 36.93 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampled :

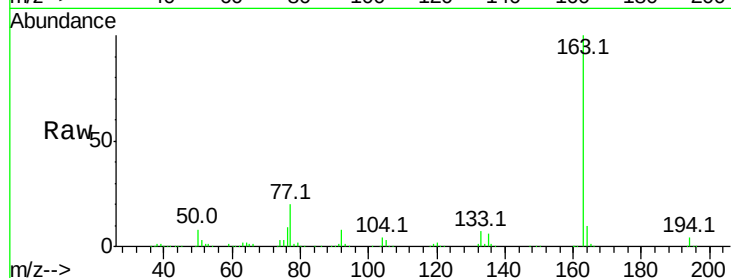
Tot Ion:163 Resp: 922978

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

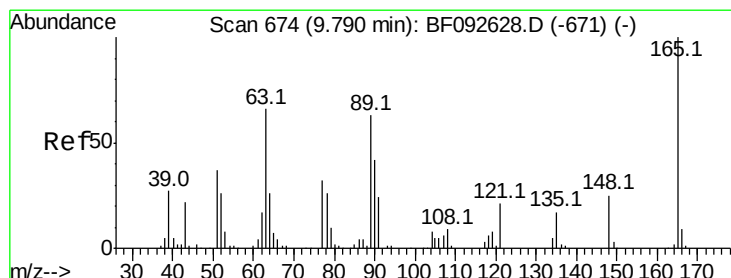
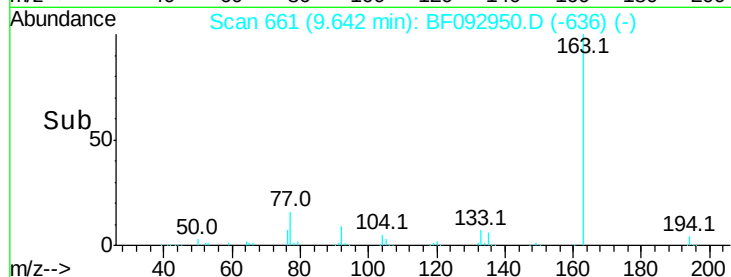
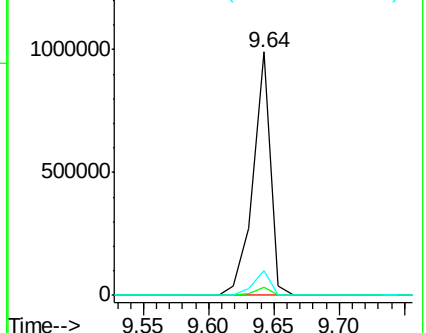
164 10.4 8.0 12.0



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: 35.92 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

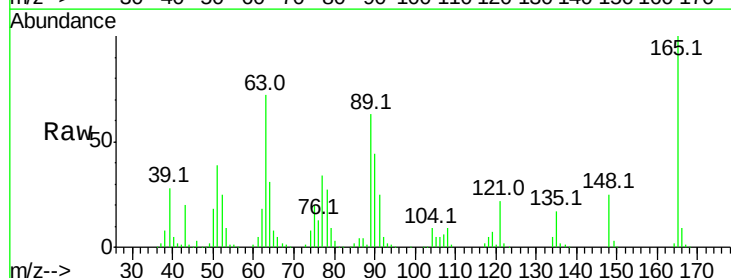
Tgt Ion:165 Resp: 193861

Ion Ratio Lower Upper

165 100

63 72.1 36.2 54.4#

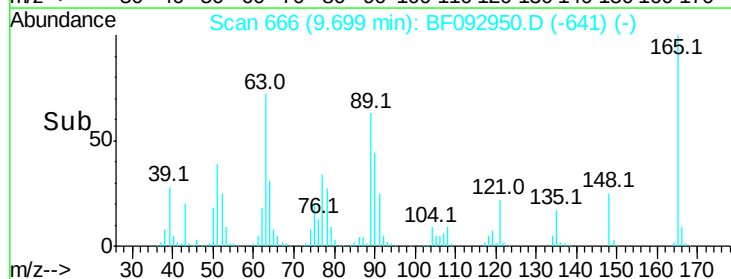
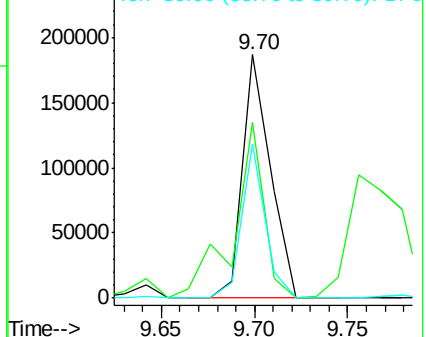
89 63.4 40.2 60.4#

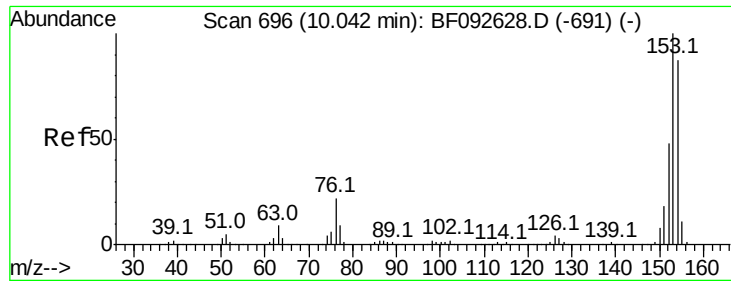


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.42 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

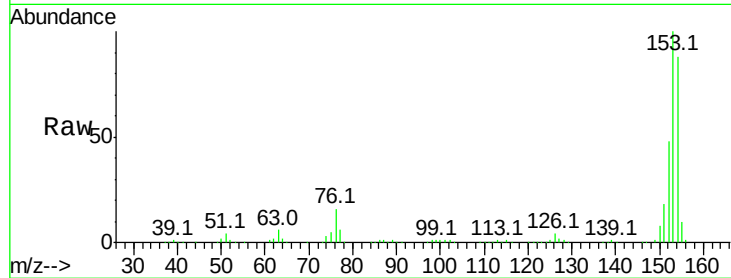
Tot Ion:154 Resp: 855791

Ion Ratio Lower Upper

154 100

153 113.2 88.6 133.0

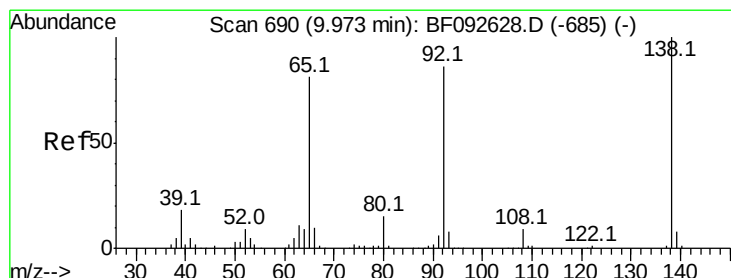
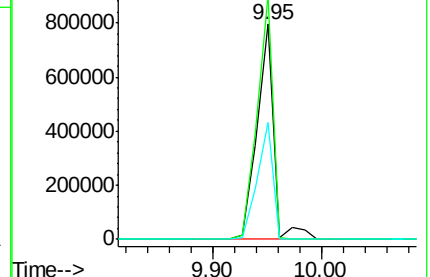
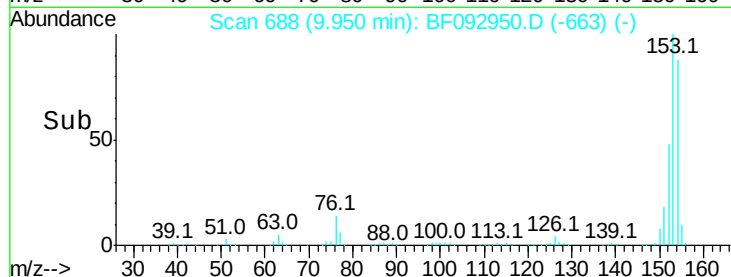
152 54.2 41.6 62.4



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: 35.21 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

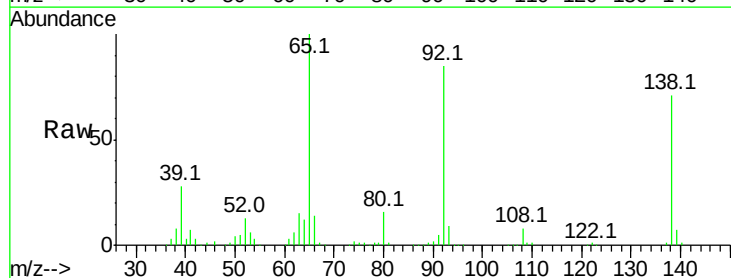
Tgt Ion:138 Resp: 217482

Ion Ratio Lower Upper

138 100

108 10.7 8.5 12.7

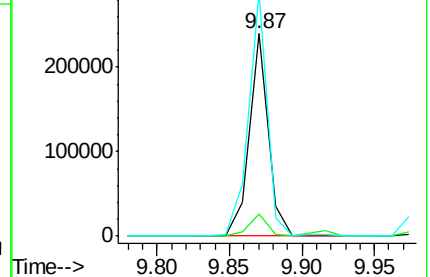
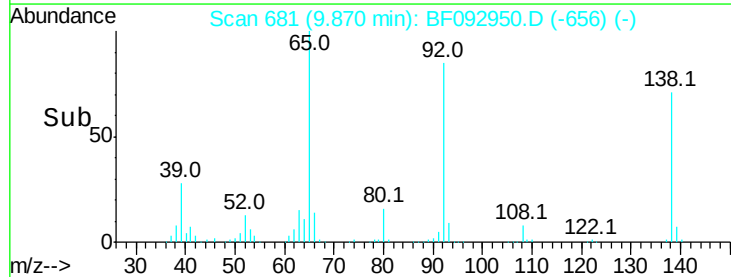
92 120.3 97.8 146.8

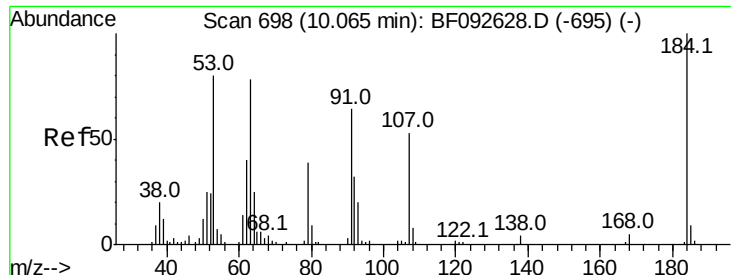


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

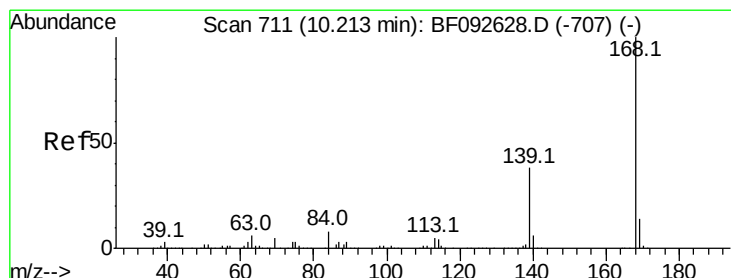
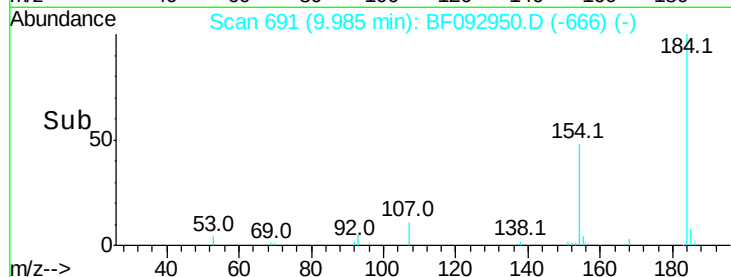
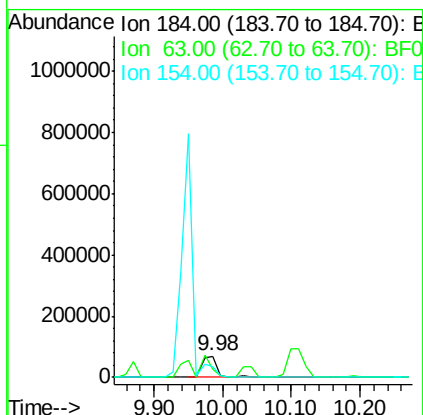
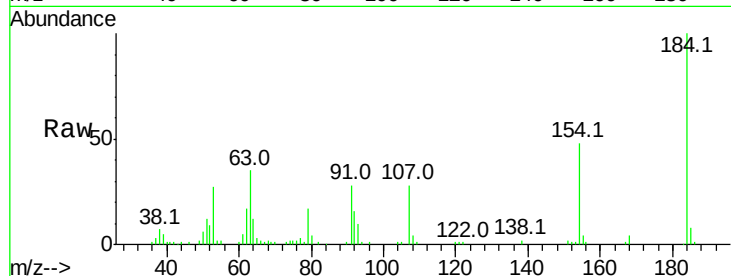




#53
 2,4-Dinitrophenol
 Concen: 41.43 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

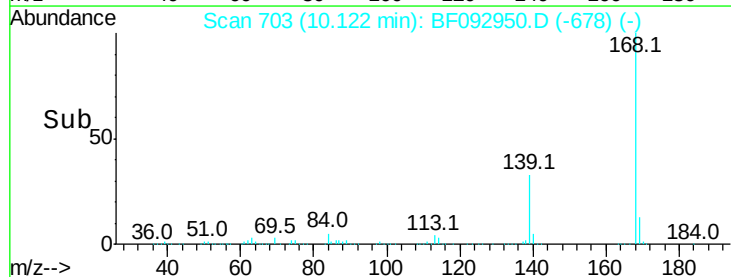
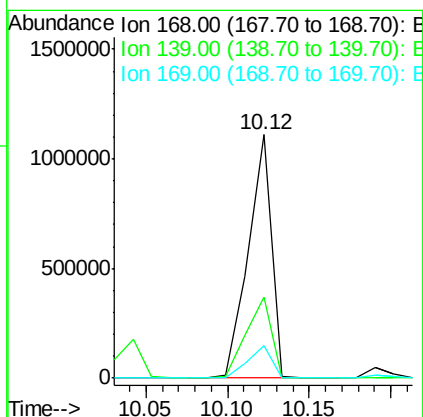
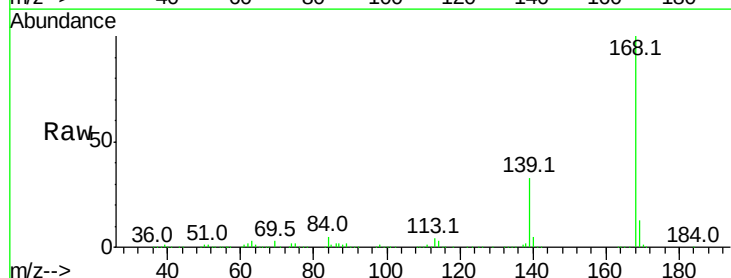
Instrument :
 BNA_F
 ClientSampled :

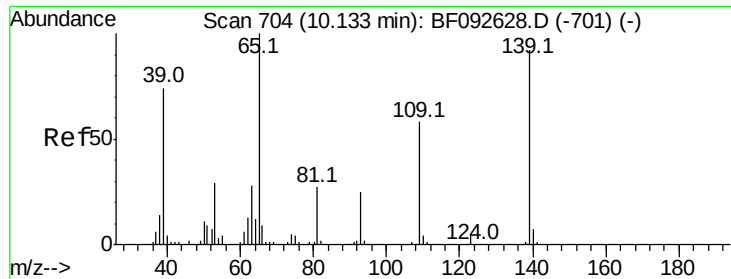
Tot Ion:184 Resp: 107083
 Ion Ratio Lower Upper
 184 100
 63 34.8 28.4 42.6
 154 48.2 44.3 66.5



#54
 Dibenzofuran
 Concen: 37.82 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion:168 Resp: 1098081
 Ion Ratio Lower Upper
 168 100
 139 33.2 32.6 49.0
 169 13.4 11.3 16.9

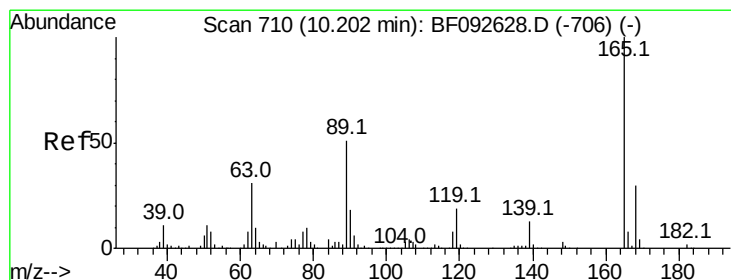
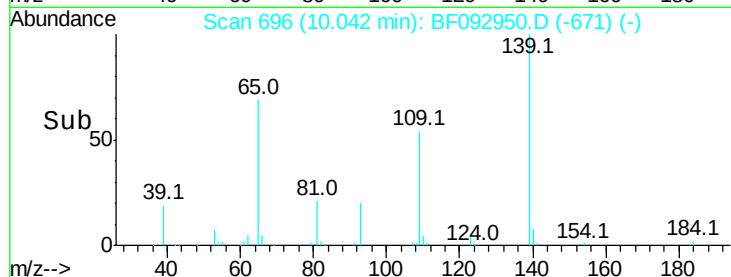
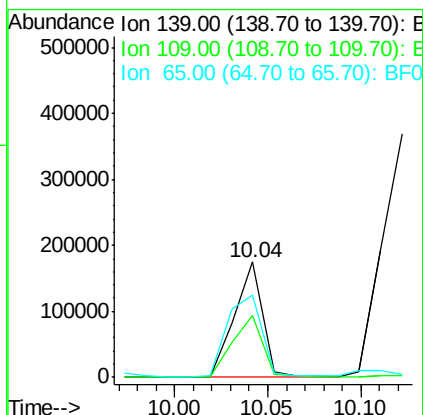
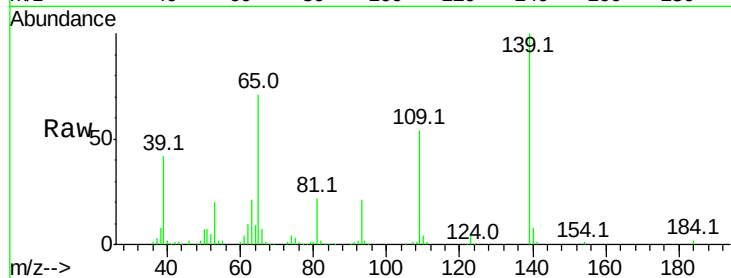




#55
4-Nitrophenol
Concen: 42.06 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

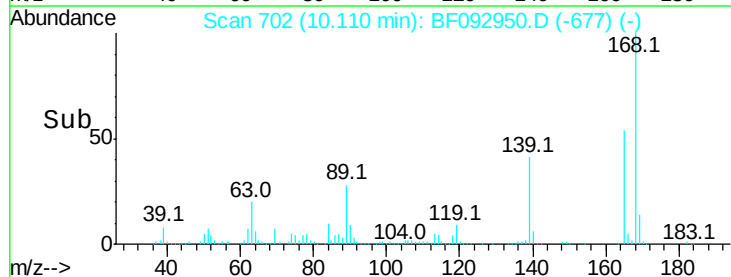
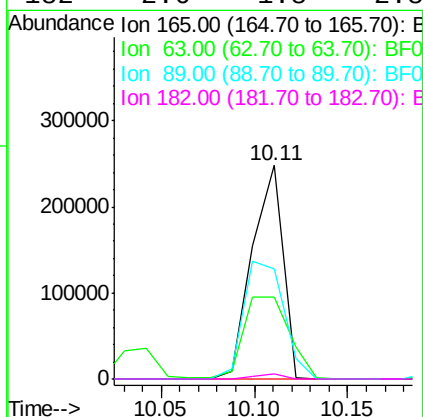
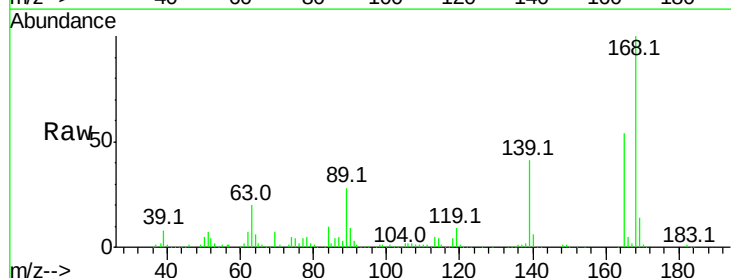
Instrument :
BNA_F
ClientSampled :

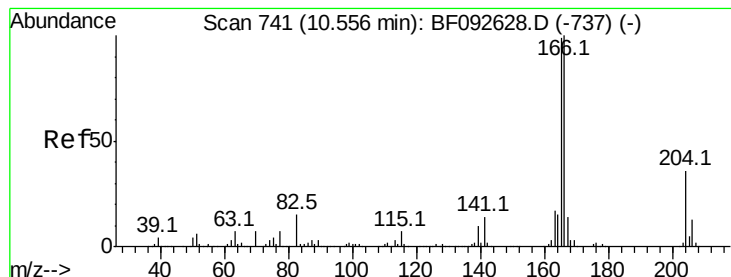
Tot Ion:139 Resp: 187127
Ion Ratio Lower Upper
139 100
109 54.3 52.2 92.2
65 71.5 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 39.45 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion:165 Resp: 283438
Ion Ratio Lower Upper
165 100
63 38.2 40.2 60.4#
89 51.4 62.5 93.7#
182 2.6 1.8 2.8





#57

Fluorene

Concen: 39.83 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

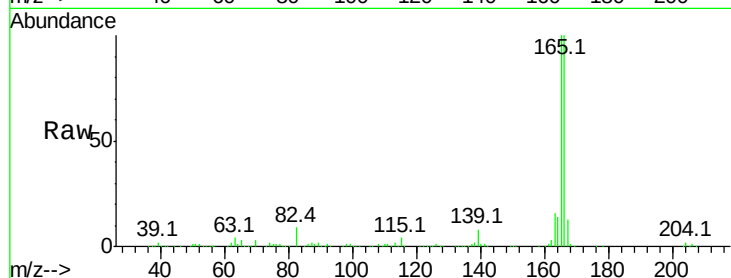
Tot Ion:166 Resp: 889739

Ion Ratio Lower Upper

166 100

165 99.7 77.8 116.8

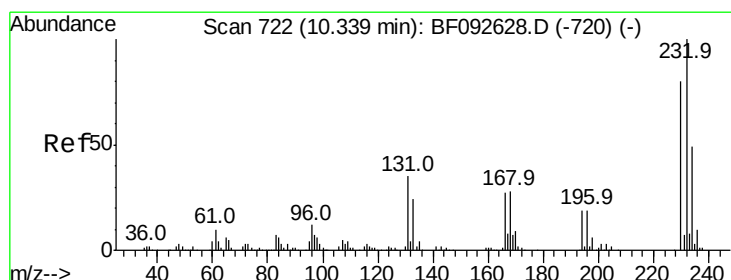
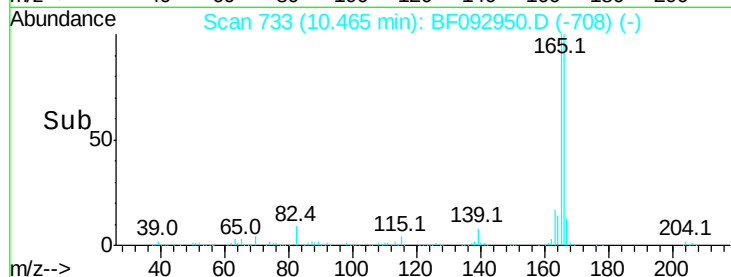
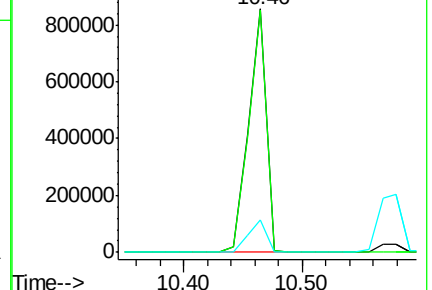
167 13.2 10.8 16.2



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: 40.58 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Tgt Ion:232 Resp: 202968

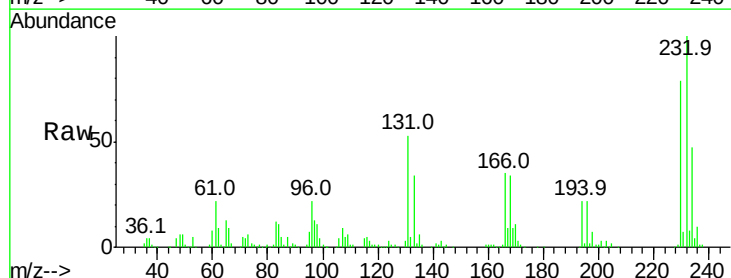
Ion Ratio Lower Upper

232 100

131 48.8 40.1 60.1

130 2.2 1.8 2.8

166 31.4 26.6 39.8

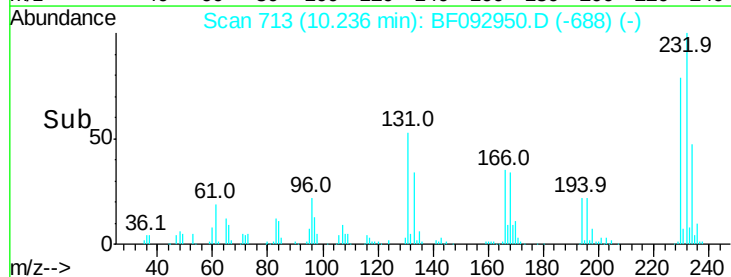
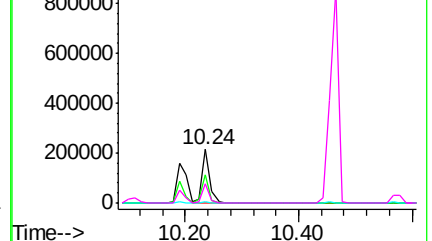


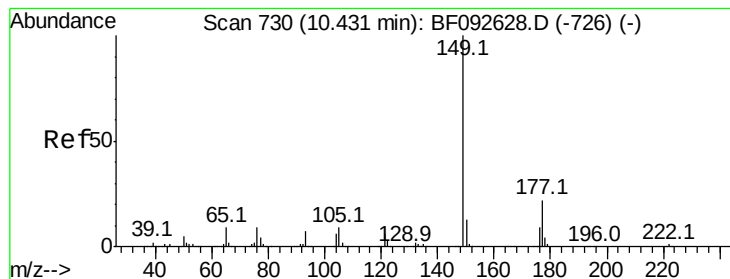
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.87 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

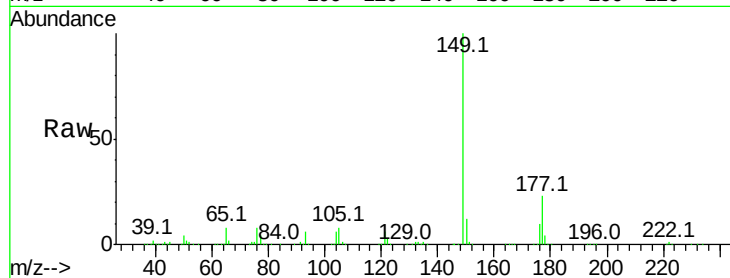
Tot Ion:149 Resp: 939101

Ion Ratio Lower Upper

149 100

177 23.5 16.6 25.0

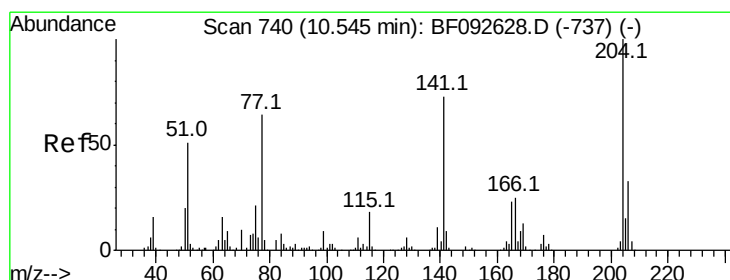
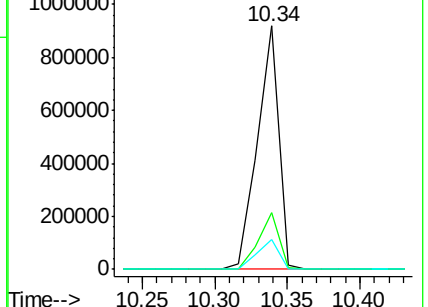
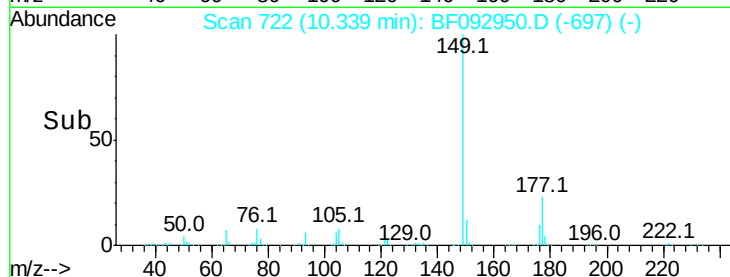
150 12.3 10.4 15.6



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: 36.55 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

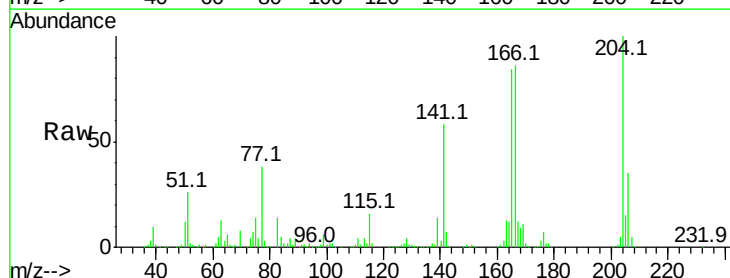
Tgt Ion:204 Resp: 392198

Ion Ratio Lower Upper

204 100

206 34.8 25.8 38.6

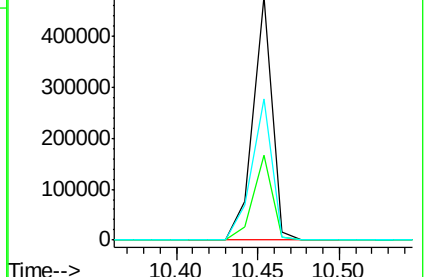
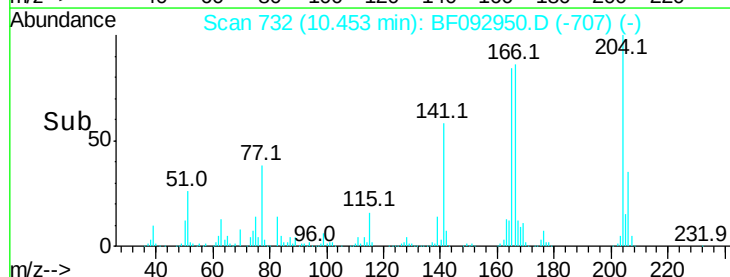
141 57.8 59.4 89.0#

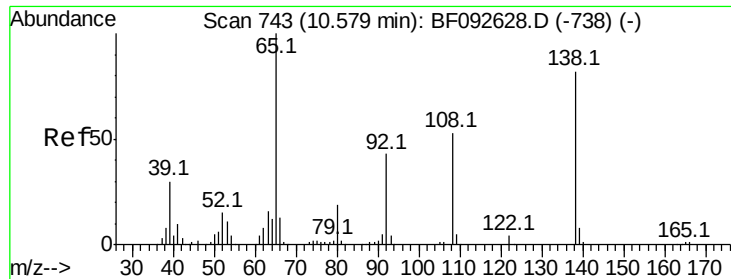


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

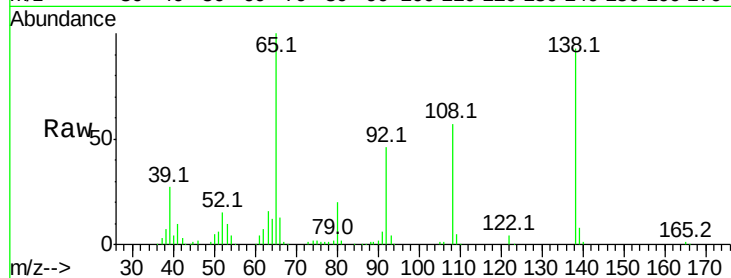




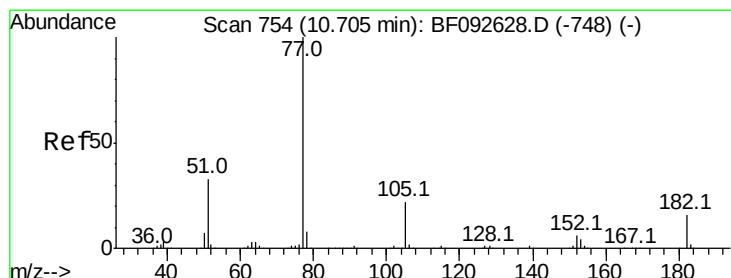
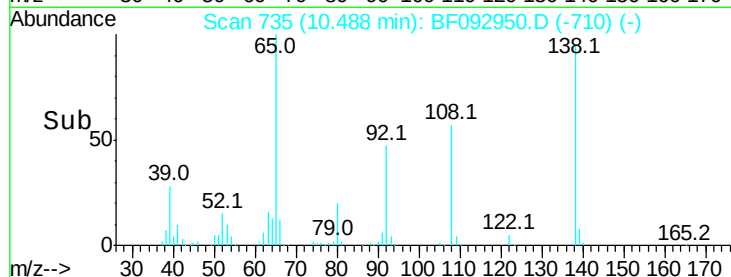
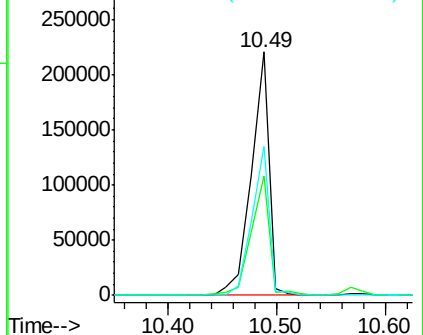
#61
4-Nitroaniline
Concen: 39.70 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 251143
Ion Ratio Lower Upper
138 100
92 49.2 31.7 71.7
108 61.4 52.6 92.6

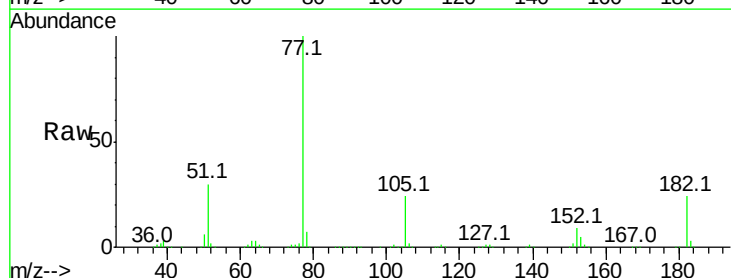


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

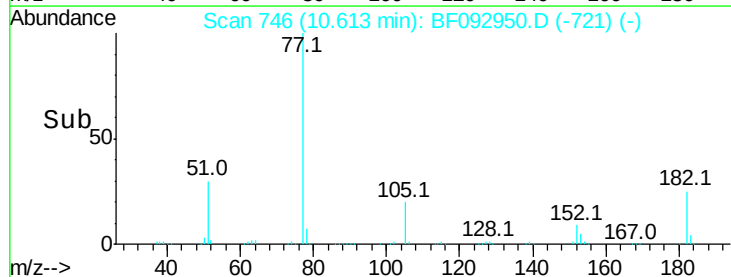
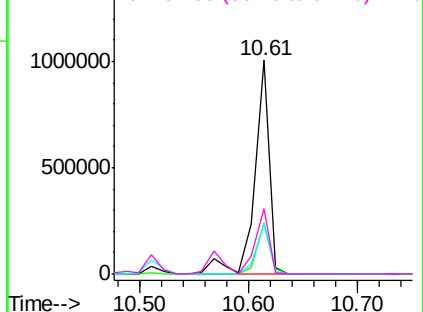


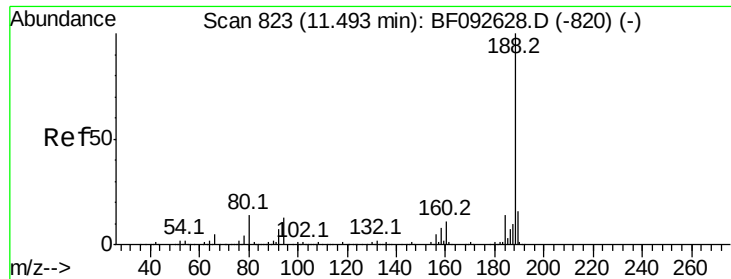
#62
Azobenzene
Concen: 39.23 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion: 77 Resp: 954413
Ion Ratio Lower Upper
77 100
182 24.0 0.0 39.3
105 23.7 2.3 42.3
51 30.4 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: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

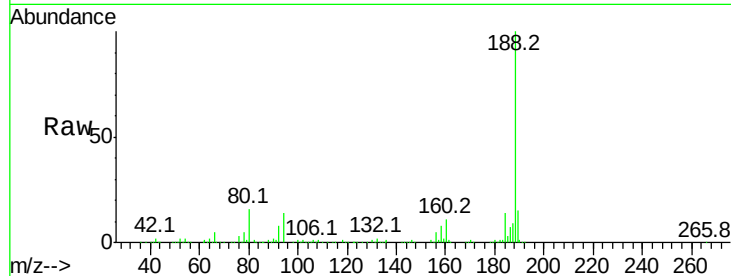
Tot Ion:188 Resp: 575587

Ion Ratio Lower Upper

188 100

94 14.5 10.0 15.0

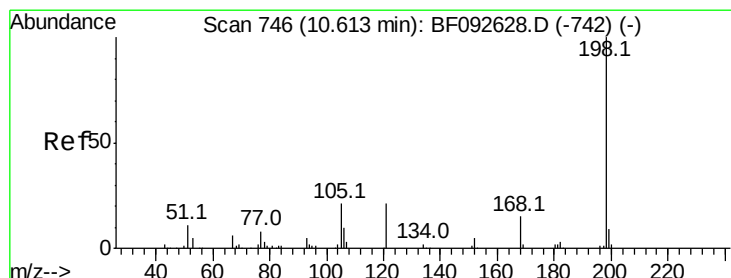
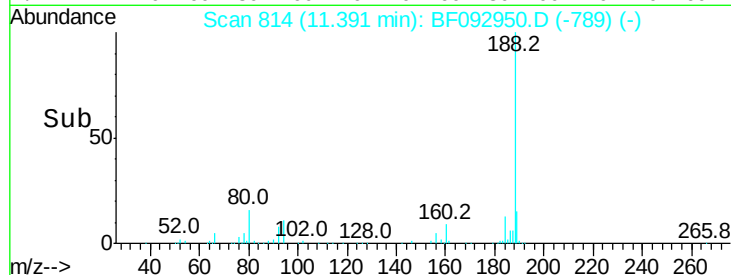
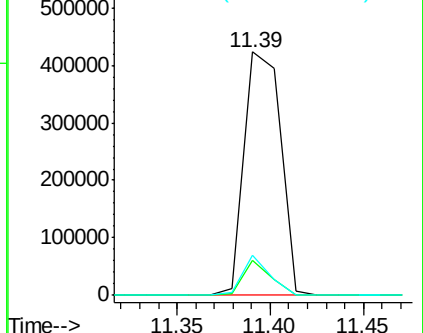
80 16.3 11.2 16.8



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: 43.33 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

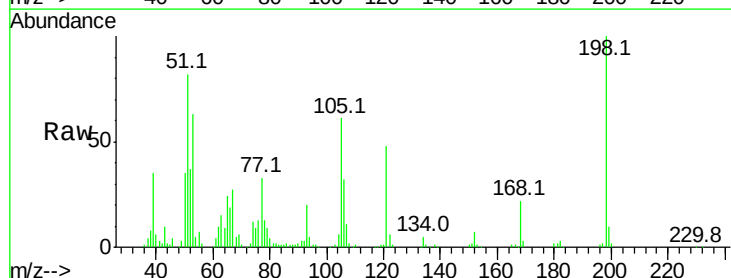
Tgt Ion:198 Resp: 150833

Ion Ratio Lower Upper

198 100

51 81.9 6.7 46.7#

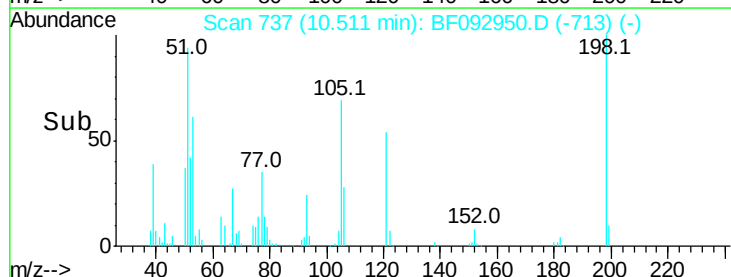
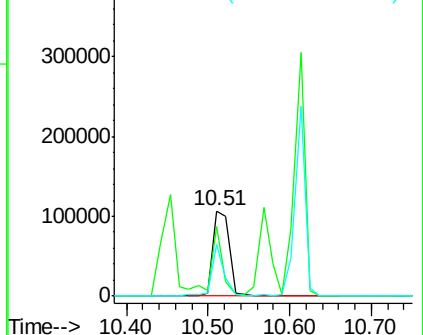
105 60.6 16.6 56.6#

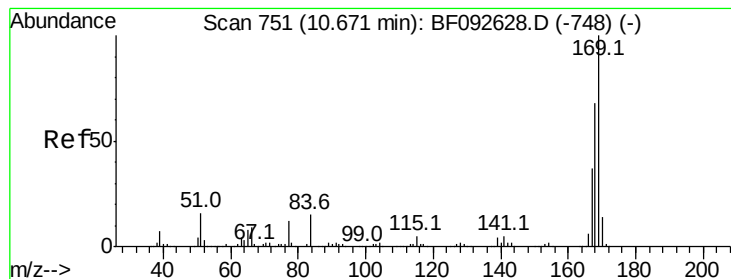


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

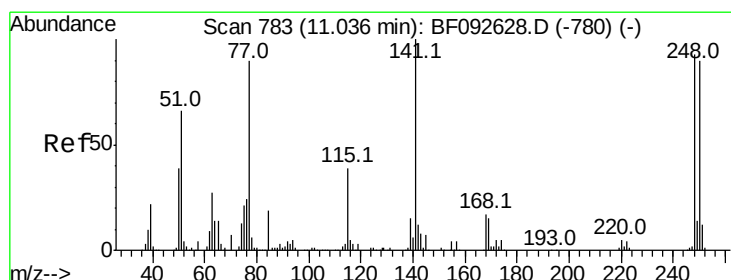
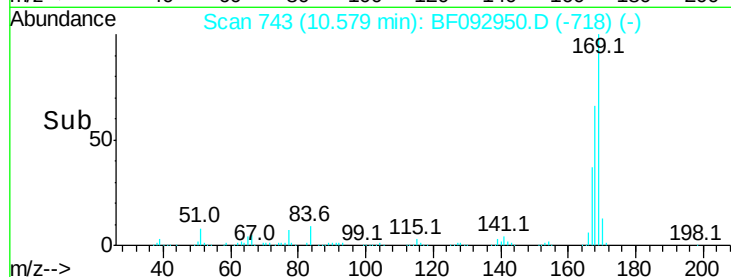
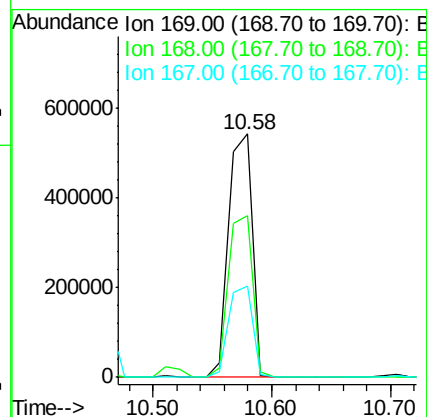
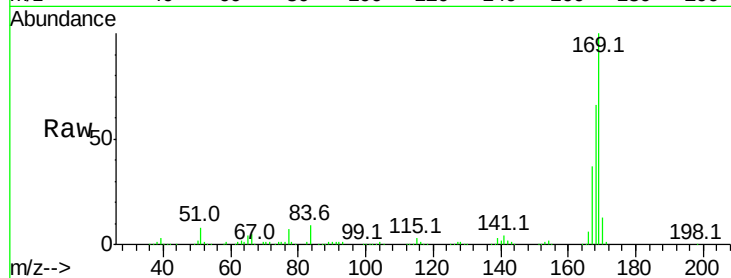




#65
n-Nitrosodiphenylamine
Concen: 40.42 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

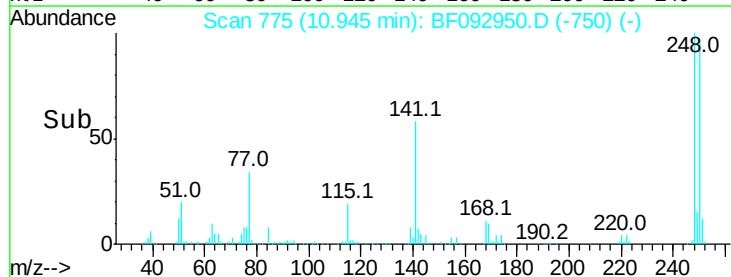
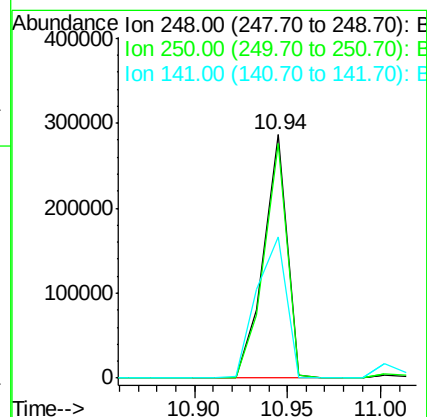
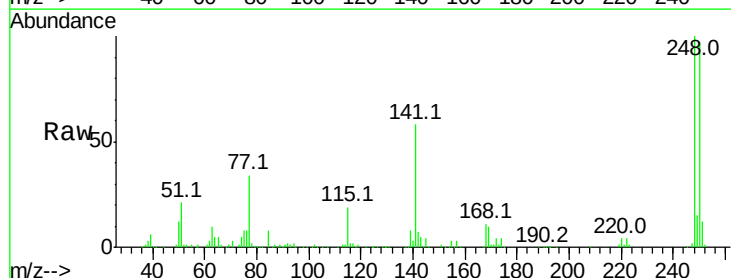
Instrument :
BNA_F
ClientSampleId :

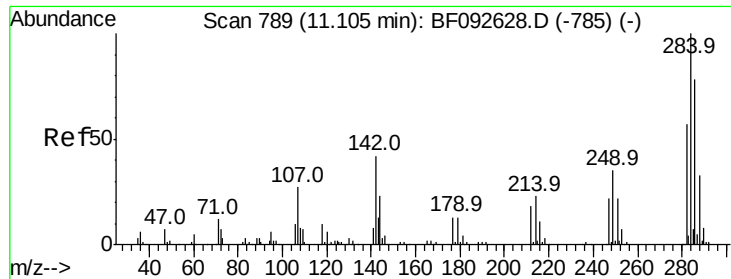
Tot Ion:169 Resp: 743277
Ion Ratio Lower Upper
169 100
168 66.5 54.2 81.2
167 37.3 30.2 45.4



#66
4-Bromophenyl-phenylether
Concen: 42.36 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion:248 Resp: 254715
Ion Ratio Lower Upper
248 100
250 96.6 76.9 115.3
141 58.1 68.2 102.4#

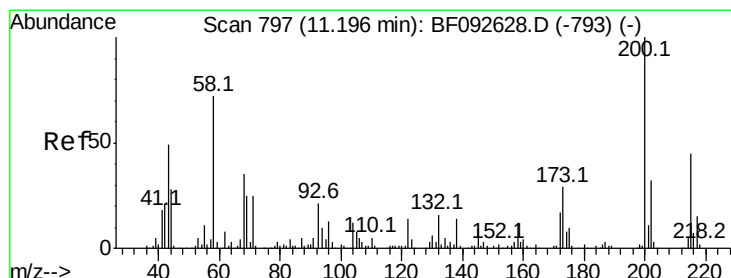
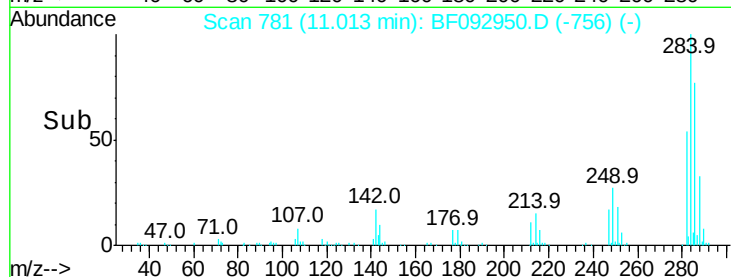
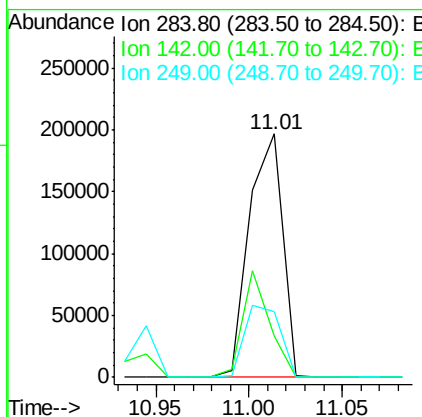
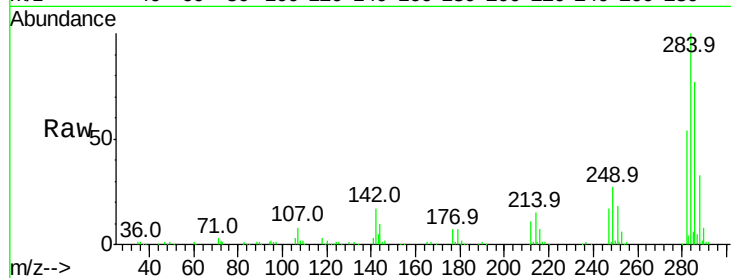




#67
Hexachlorobenzene
Concen: 40.95 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

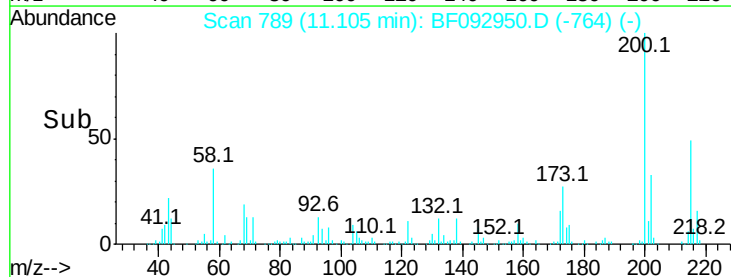
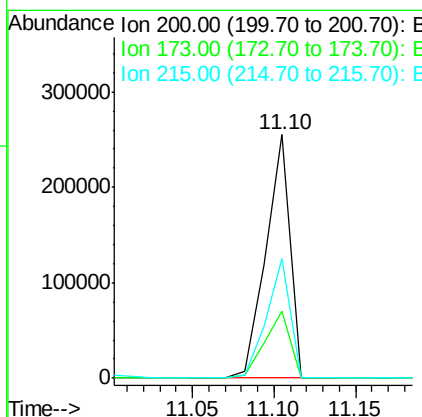
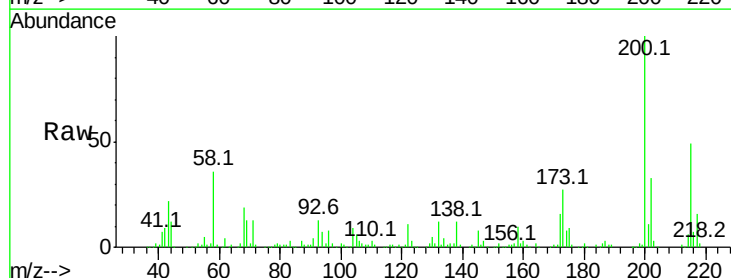
Instrument :
BNA_F
ClientSampleId :

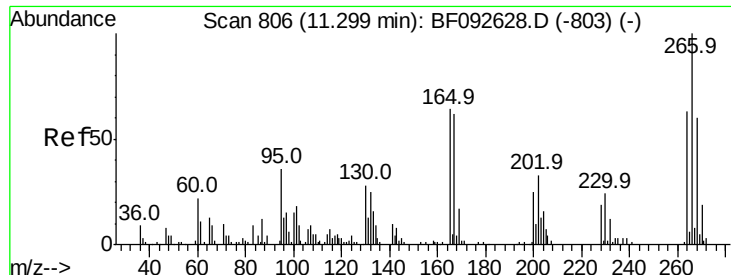
Tot Ion:284 Resp: 243365
Ion Ratio Lower Upper
284 100
142 17.0 22.6 33.8#
249 27.2 25.4 38.0



#68
Atrazine
Concen: 44.33 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion:200 Resp: 261599
Ion Ratio Lower Upper
200 100
173 27.4 9.6 49.6
215 49.3 25.7 65.7

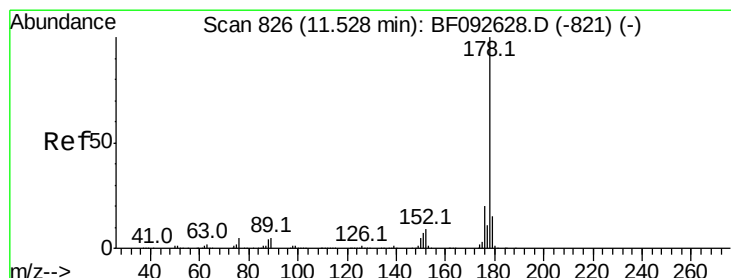
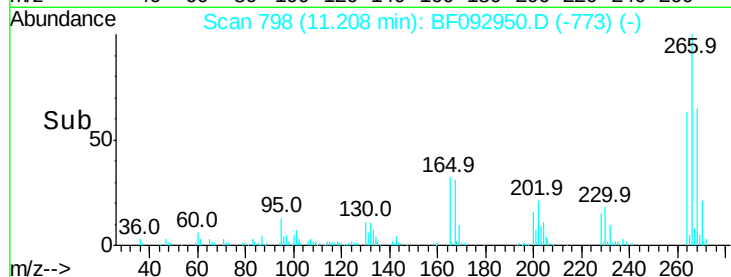
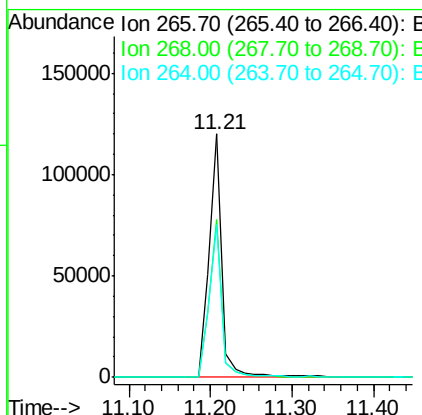
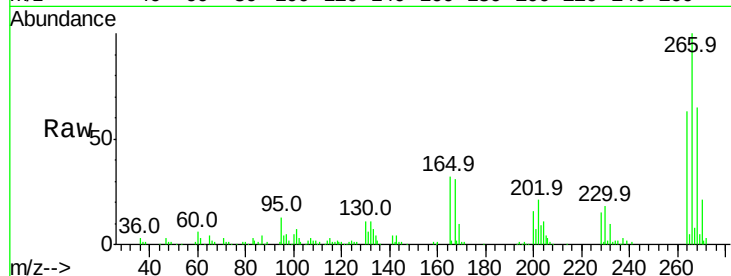




#69
Pentachlorophenol
 Concen: 47.25 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

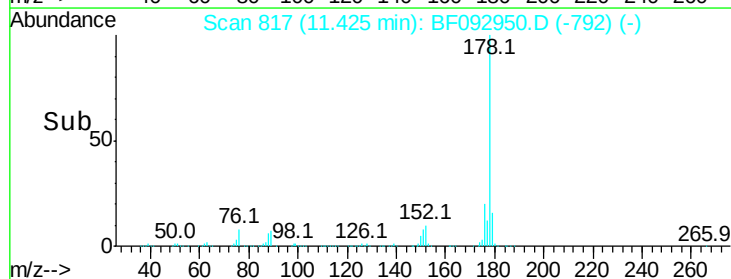
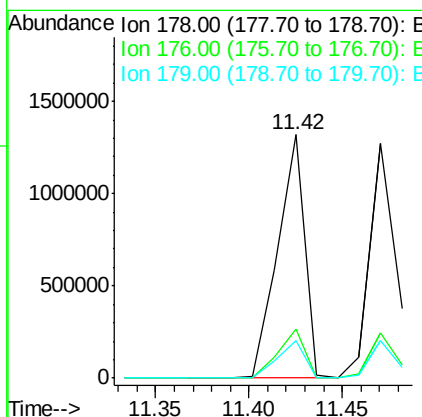
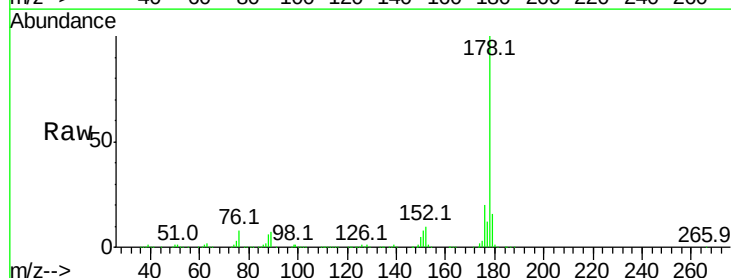
Instrument :
 BNA_F
 ClientSampleId :

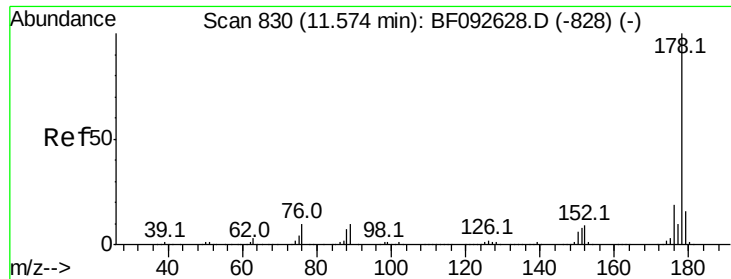
Tot Ion:	266	Resp:	135012
Ion	Ratio	Lower	Upper
266	100		
268	64.7	53.3	79.9
264	62.5	50.3	75.5



#70
Phenanthrene
 Concen: 40.28 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion:	178	Resp:	1328412
Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	25.0
179	15.7	12.8	19.2

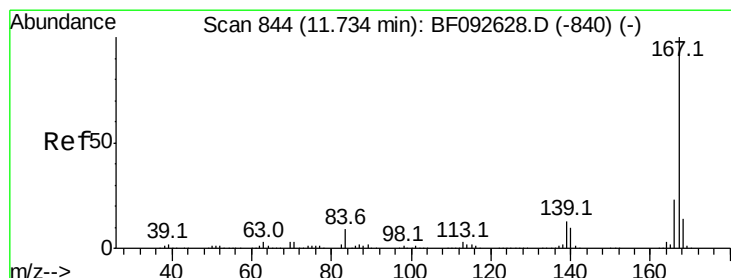
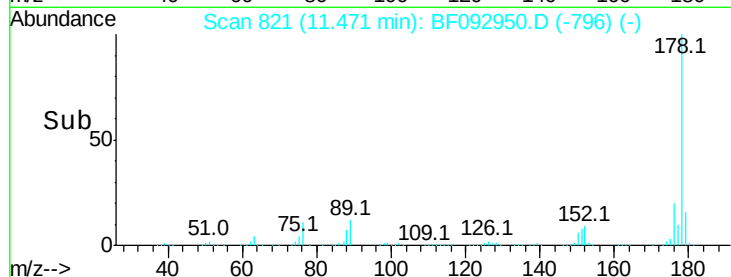
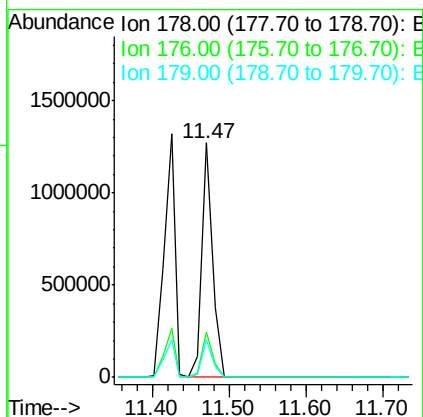
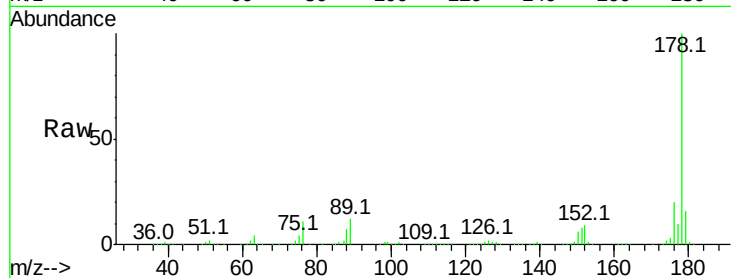




#71
 Anthracene
 Concen: 36.79 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

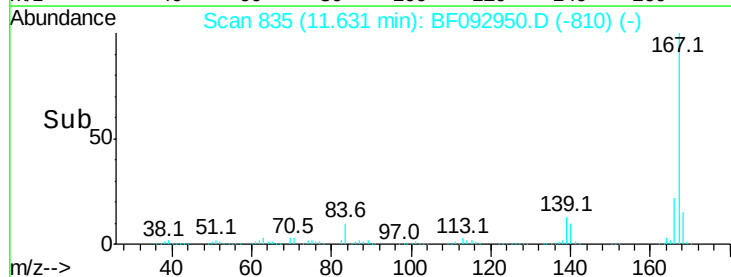
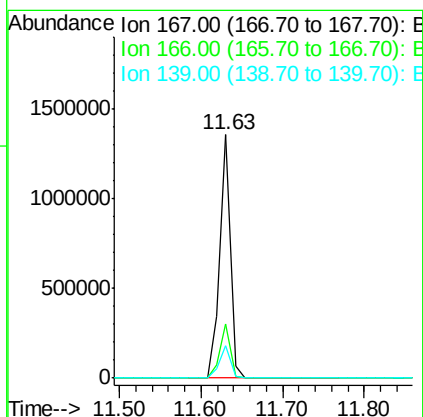
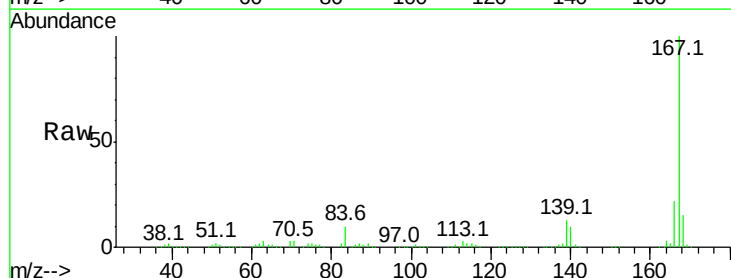
Instrument :
 BNA_F
 ClientSampleId :

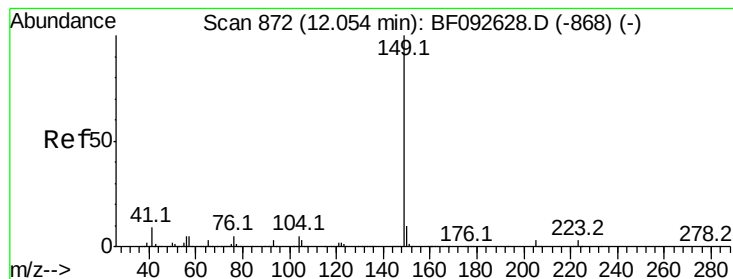
Tot Ion:178 Resp: 1218467
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.8 13.2 19.8



#72
 Carbazole
 Concen: 38.70 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion:167 Resp: 1224976
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.5 11.4 17.2





#73

Di-n-butylphthalate

Concen: 43.19 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

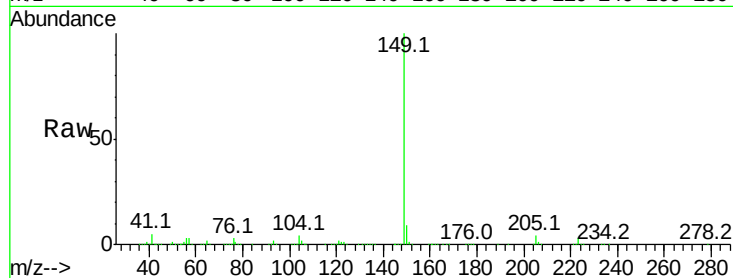
Tot Ion:149 Resp: 1478488

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

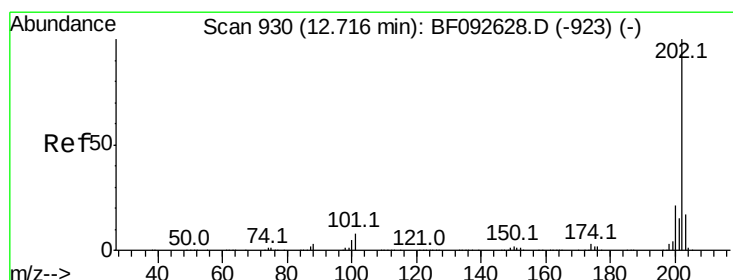
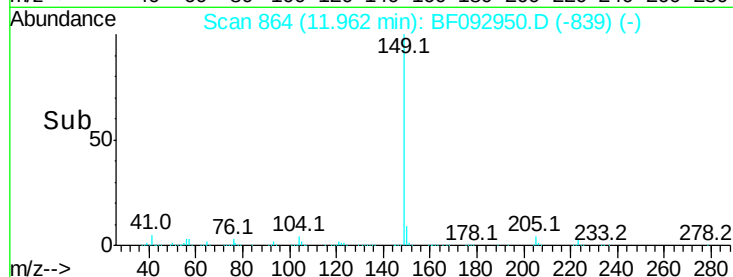
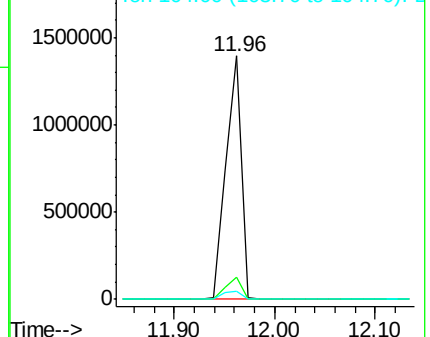
104 3.5 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.28 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

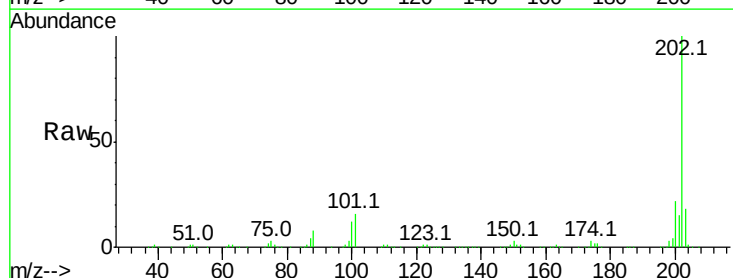
Tgt Ion:202 Resp: 1302075

Ion Ratio Lower Upper

202 100

101 16.4 0.0 34.6

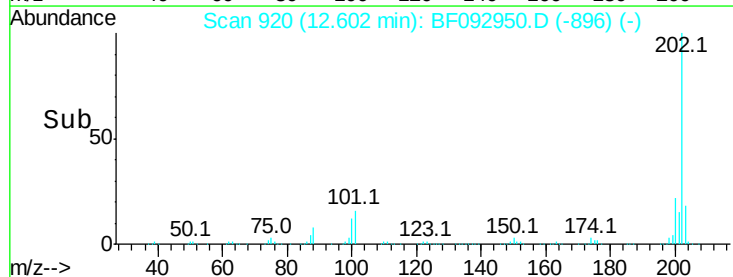
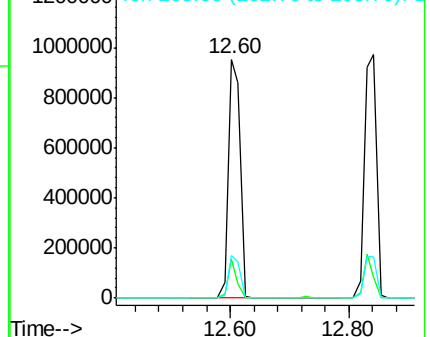
203 18.0 0.0 38.7

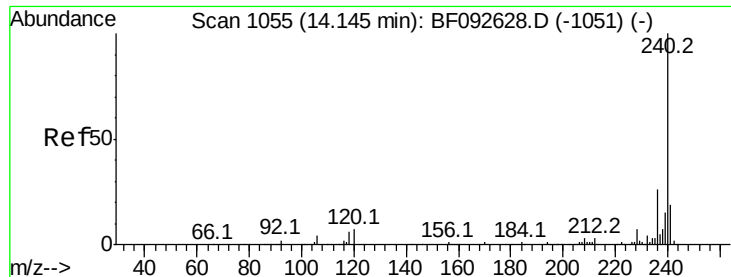


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

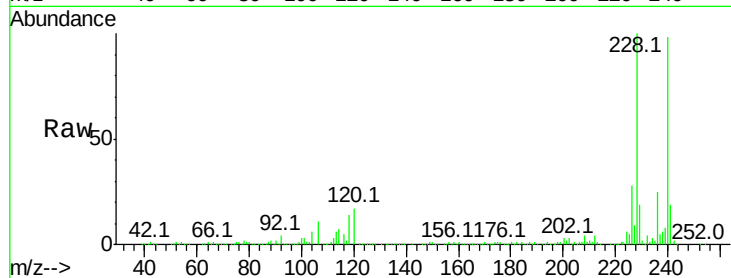
Tot Ion:240 Resp: 475216

Ion Ratio Lower Upper

240 100

120 17.3 12.9 19.3

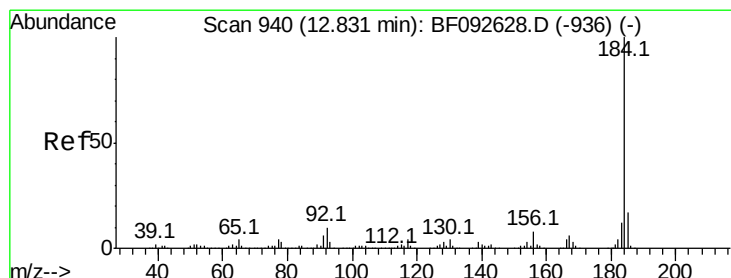
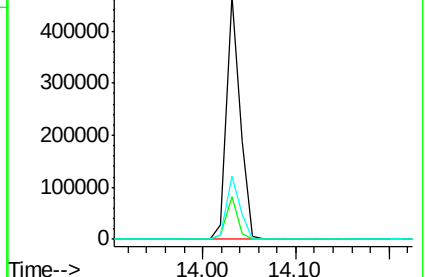
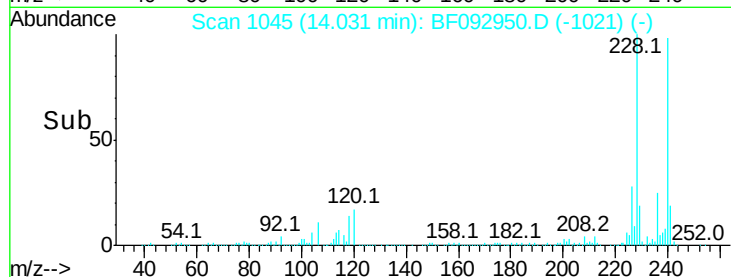
236 26.1 20.9 31.3



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: 32.12 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

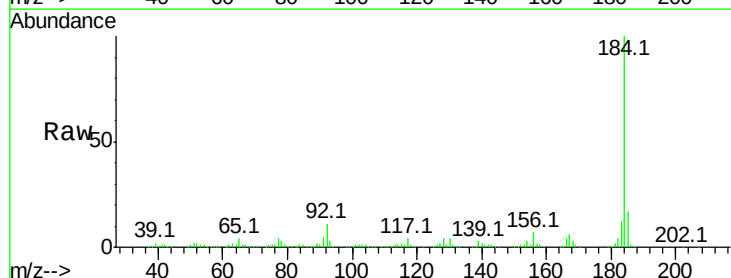
Tgt Ion:184 Resp: 650522

Ion Ratio Lower Upper

184 100

185 17.4 13.4 20.0

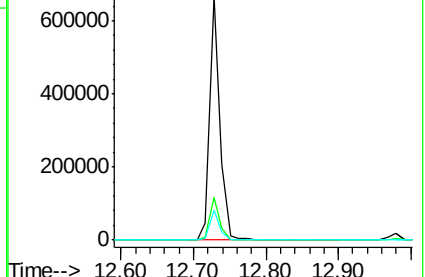
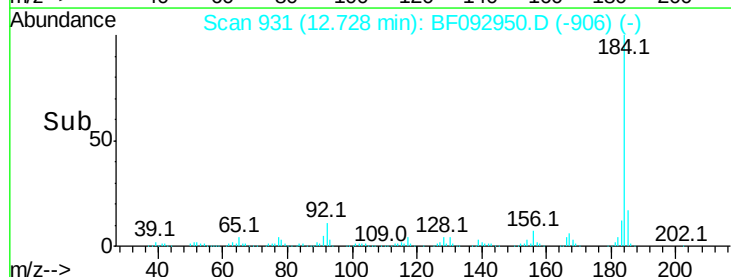
183 12.0 9.2 13.8

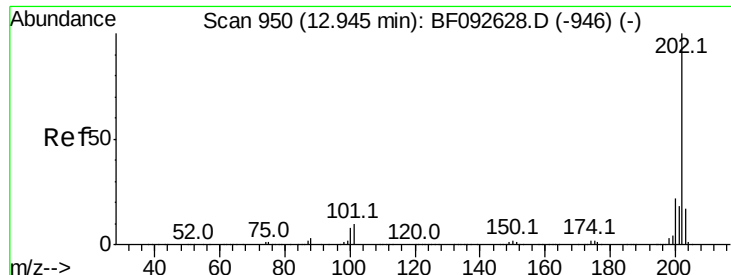


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

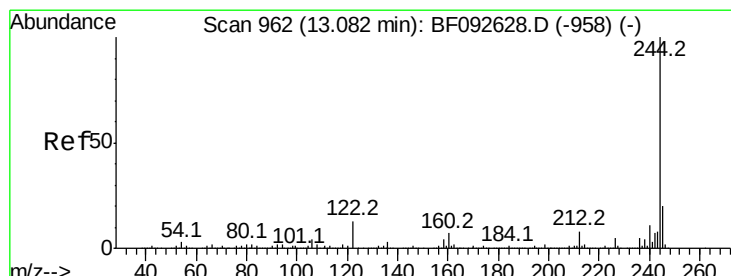
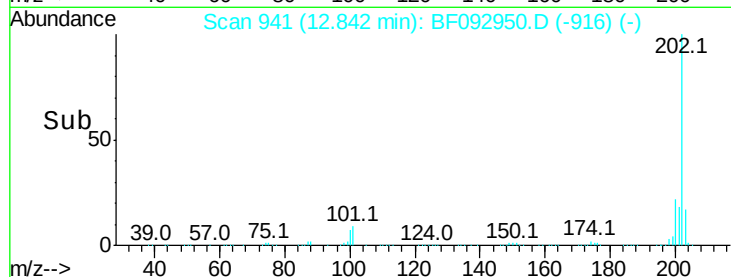
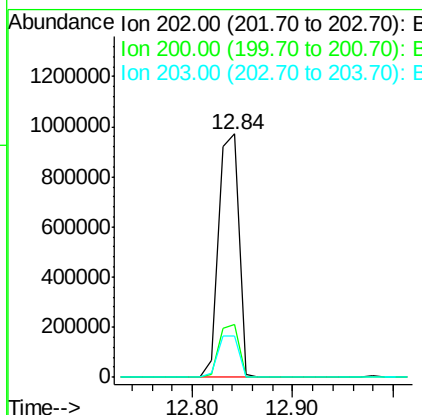
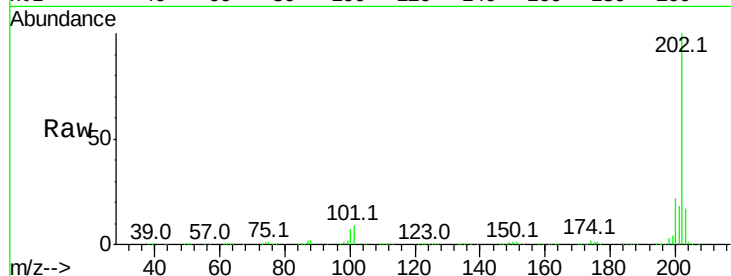




#77
Pvrene
Concen: 38.15 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

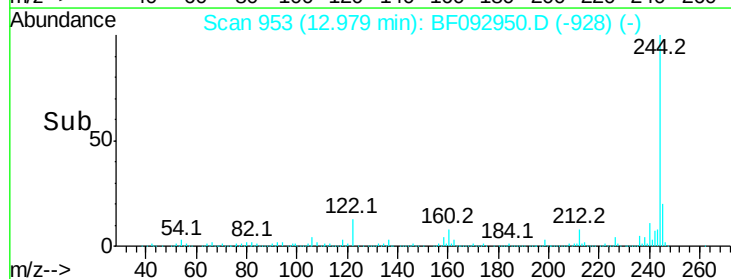
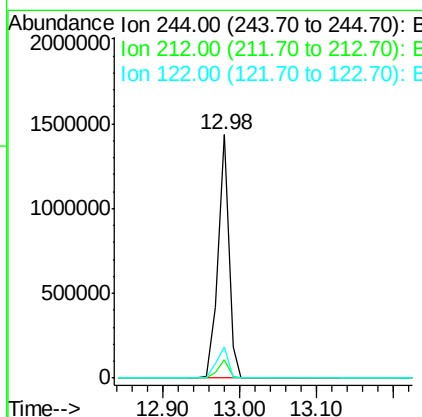
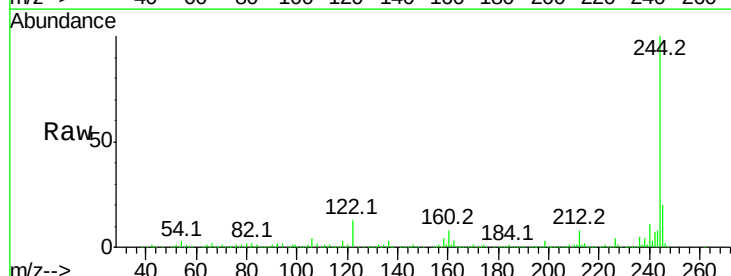
Instrument :
BNA_F
ClientSampleId :

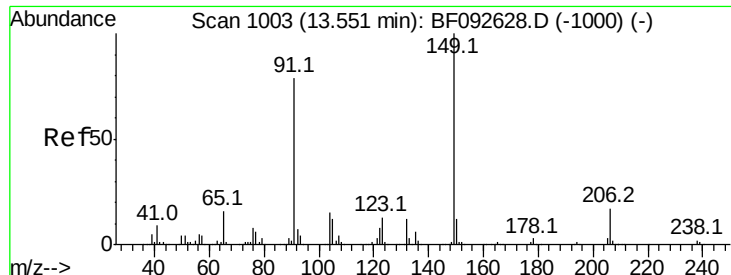
Tot Ion:202 Resp: 1356846
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 17.2 14.7 22.1



#78
Terphenyl-d14
Concen: 69.70 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion:244 Resp: 1409717
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 13.0 11.4 17.2

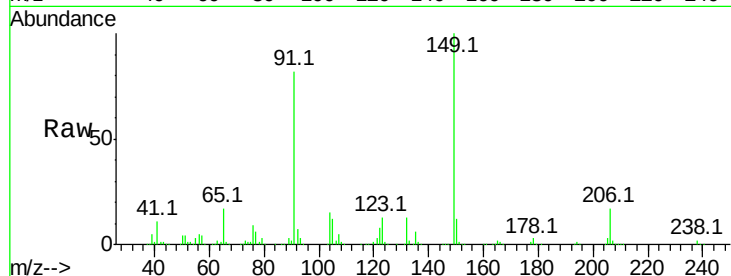




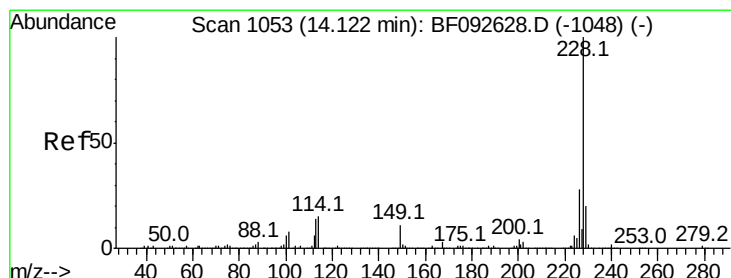
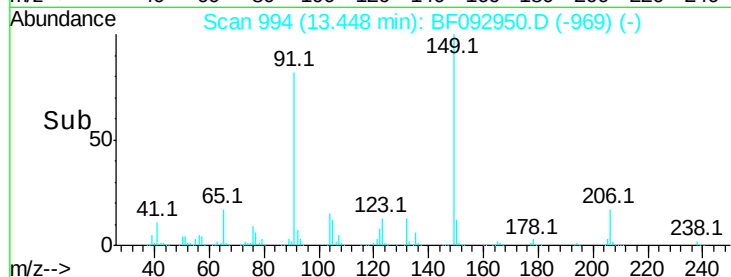
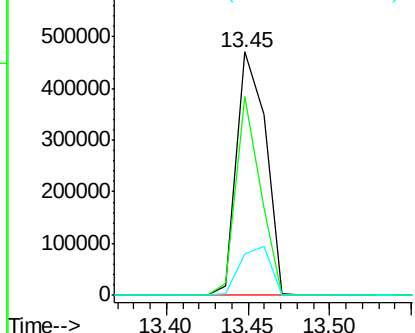
#79
Butylbenzylphthalate
Concen: 40.04 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 578244
Ion Ratio Lower Upper
149 100
91 81.6 63.9 95.9
206 17.2 14.6 21.8

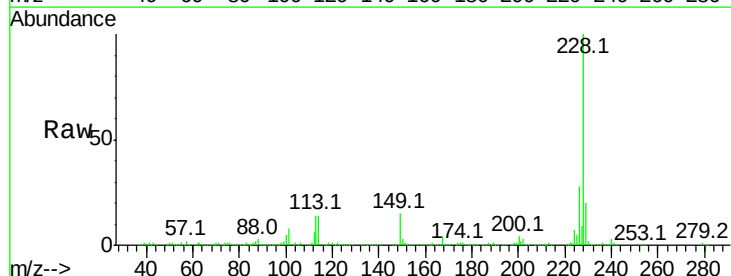


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

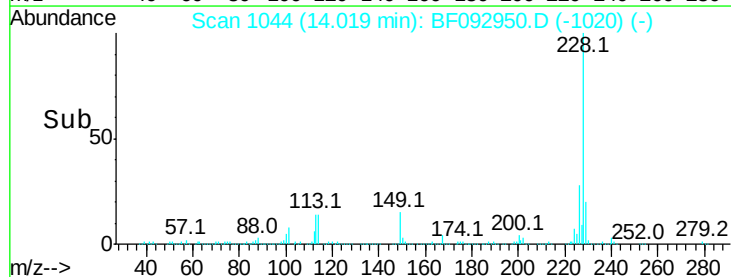
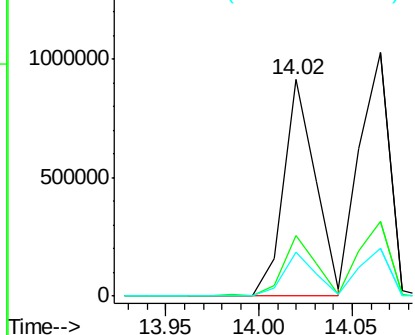


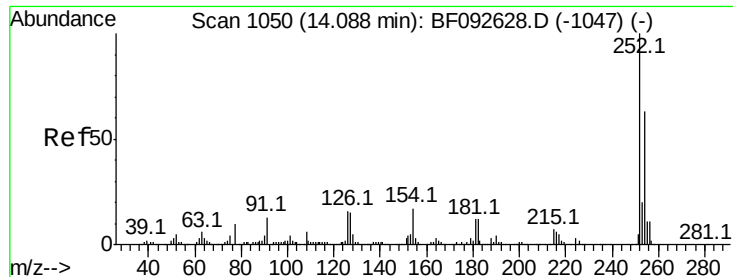
#80
Benzo(a)anthracene
Concen: 37.38 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion:228 Resp: 1086587
Ion Ratio Lower Upper
228 100
226 28.1 22.4 33.6
229 20.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

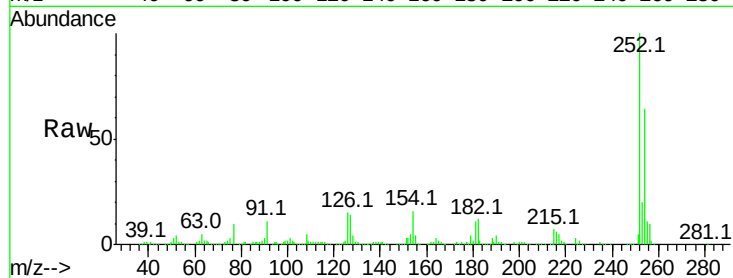




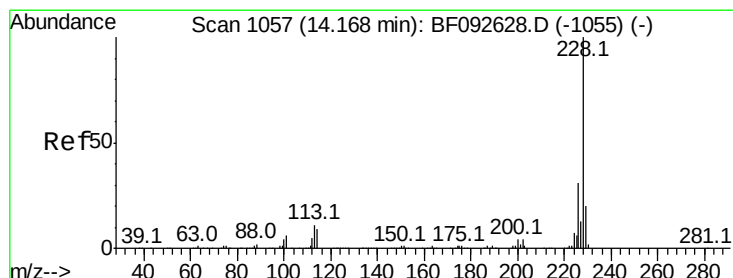
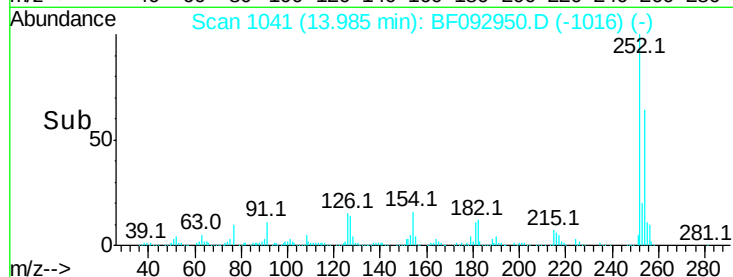
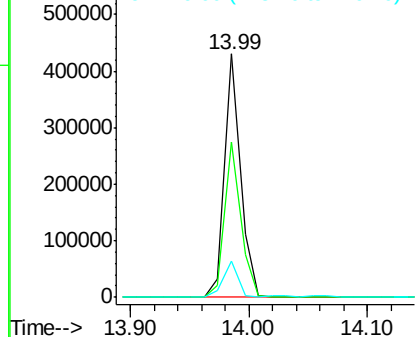
#81
 3,3'-Dichlorobenzidine
 Concen: 38.35 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.3	78.5
126	14.9	13.6	20.4

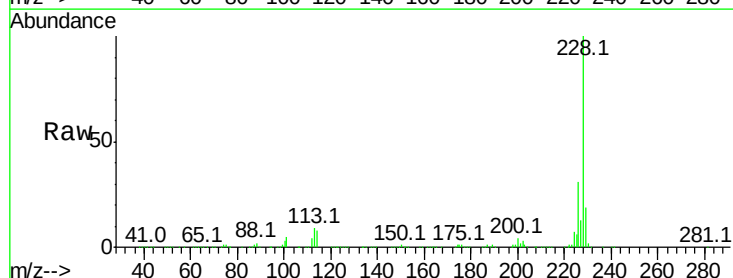


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

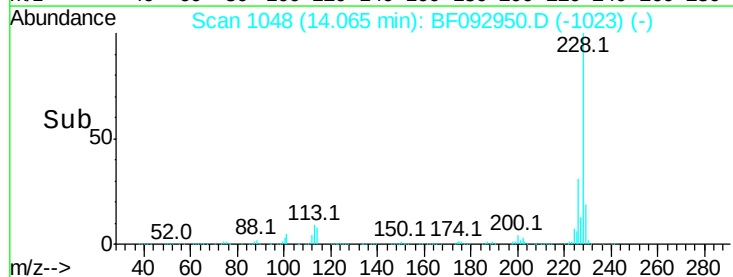
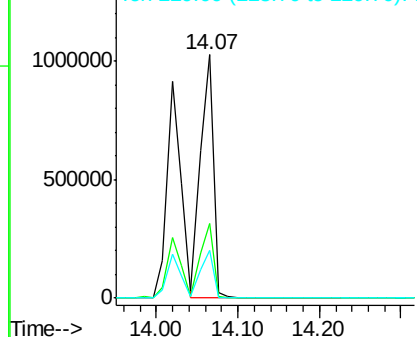


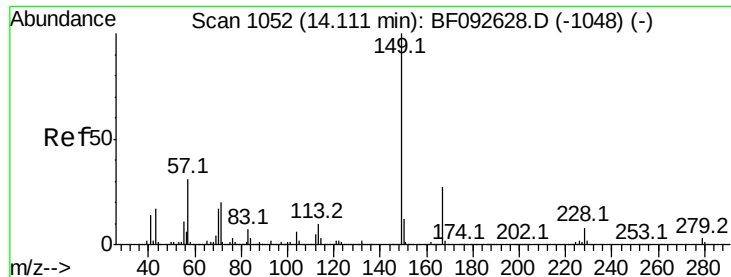
#82
 Chrysene
 Concen: 42.61 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	19.5	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

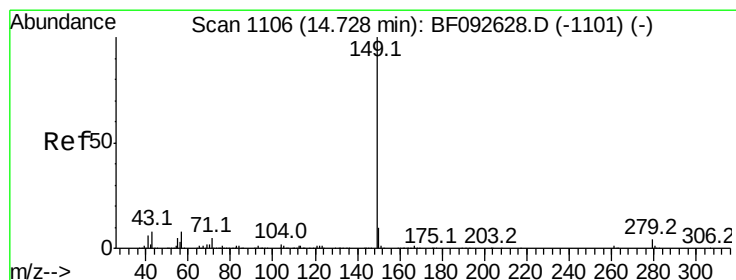
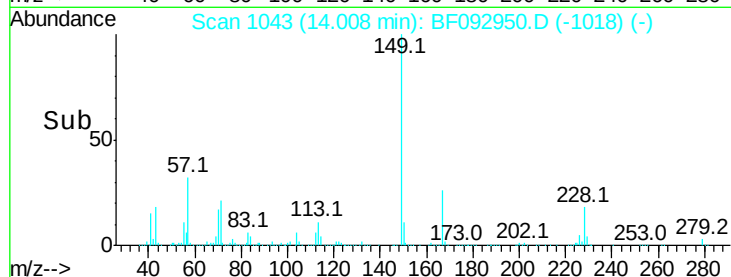
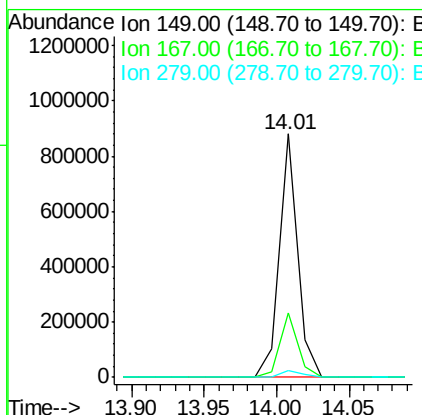
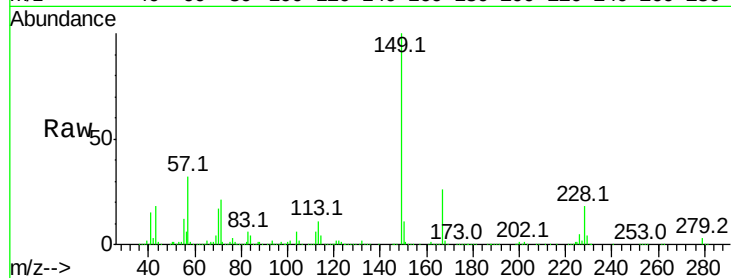




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.25 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

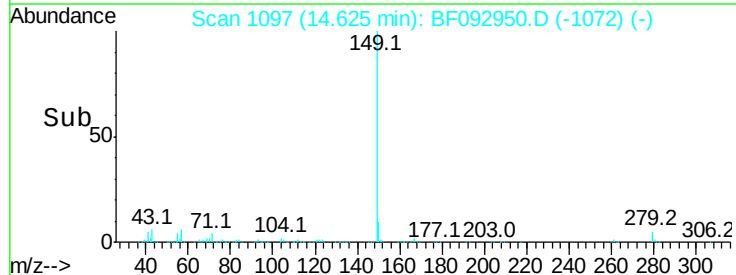
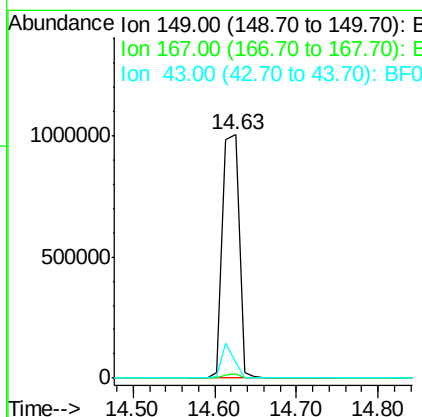
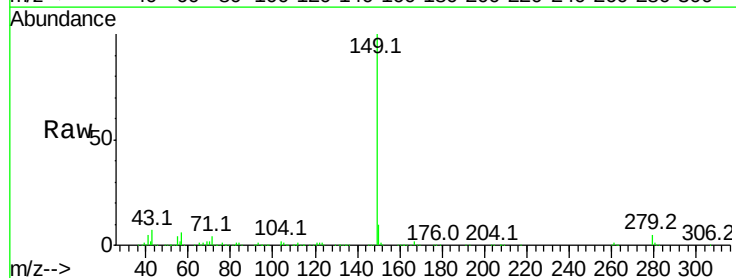
Instrument :
 BNA_F
 ClientSampleId :

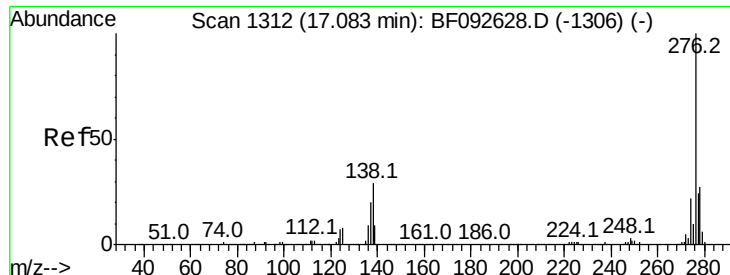
Tot Ion:149 Resp: 775272
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.2 30.4
 279 2.6 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 43.74 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF092950.D
 Acq: 15 Feb 2017 14:48

Tgt Ion:149 Resp: 1406654
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.9 8.9 13.3

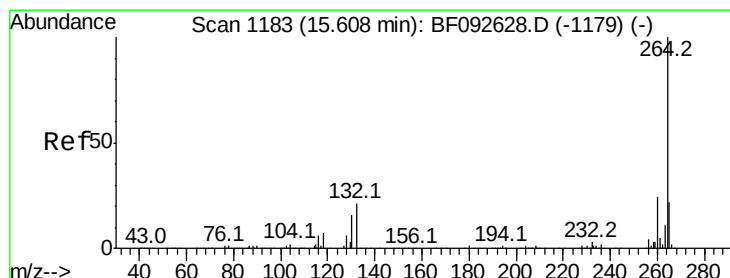
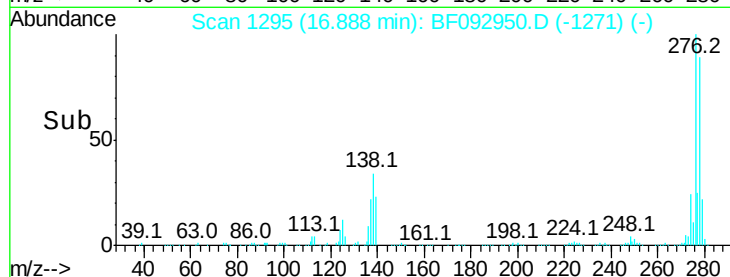
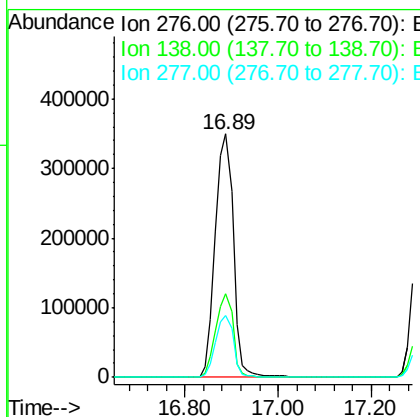
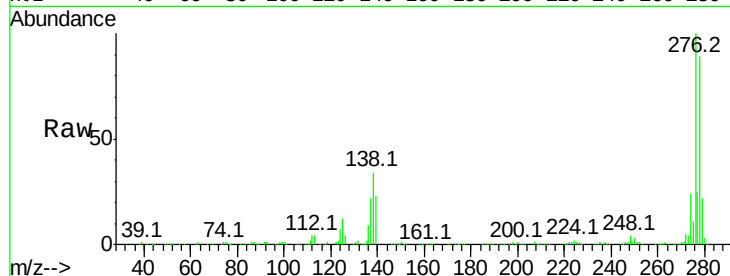




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.81 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

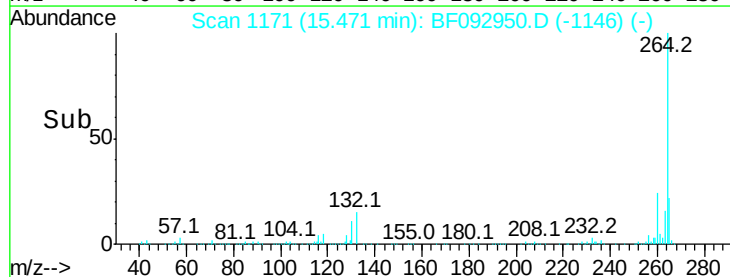
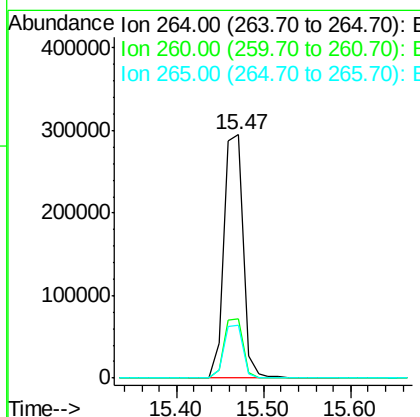
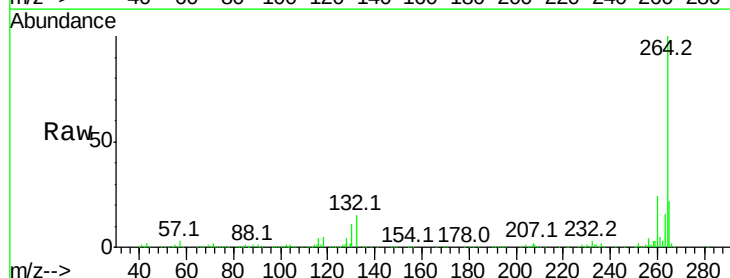
Instrument :
BNA_F
ClientSampleId :

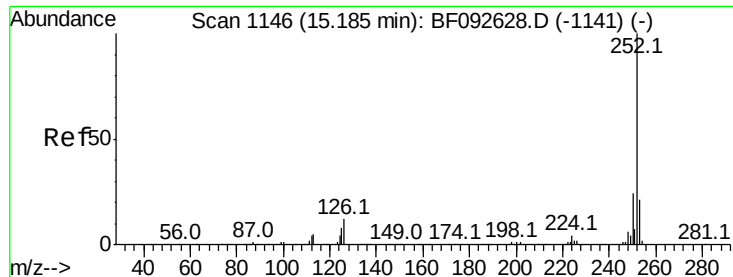
Tot Ion:276 Resp: 944430
Ion Ratio Lower Upper
276 100
138 33.2 21.8 32.6#
277 25.1 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion:264 Resp: 455310
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.6 17.4 26.0

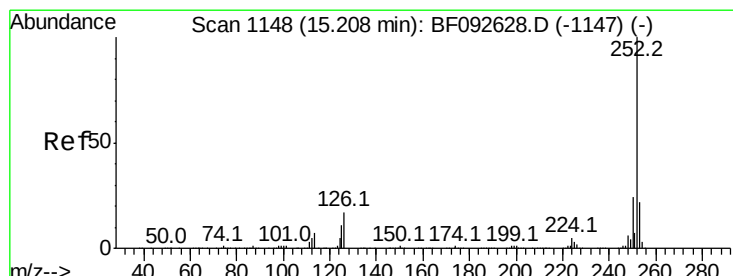
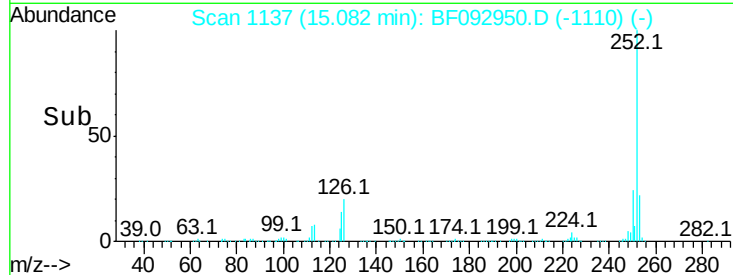
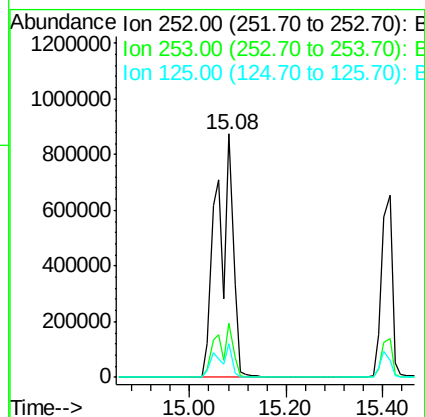
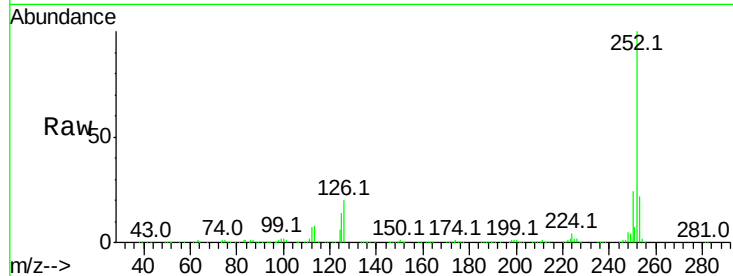




#87
Benzo(b)fluoranthene
Concen: 68.64 ng
RT: 15.08 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

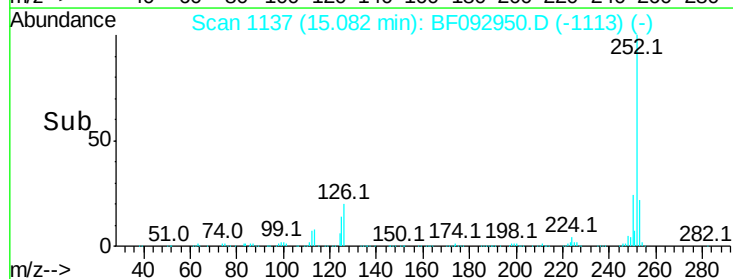
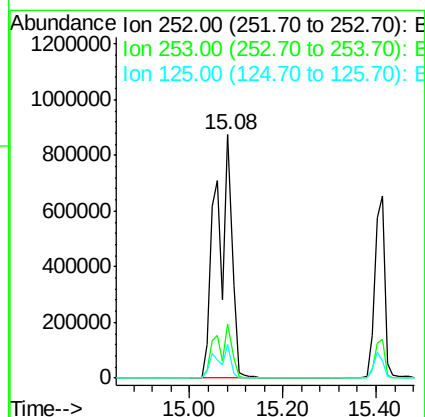
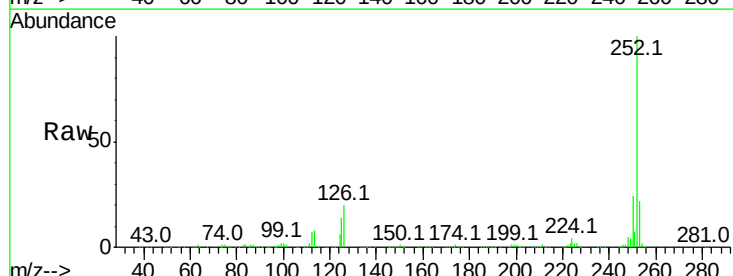
Instrument :
BNA_F
ClientSampleId :

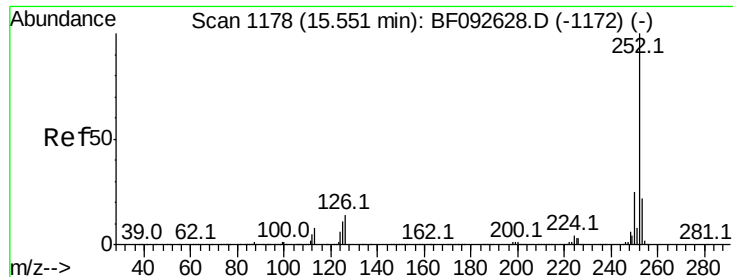
Tot Ion:252 Resp: 2057167
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 13.9 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 79.51 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion:252 Resp: 2057425
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 13.9 8.9 13.3#

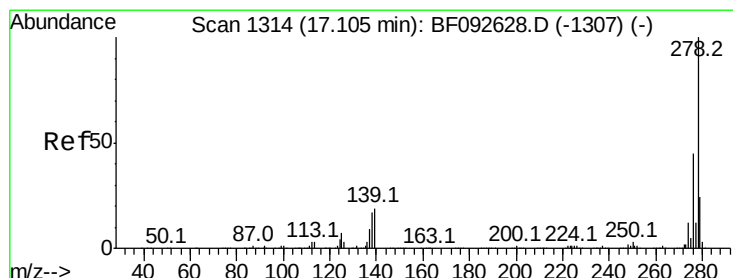
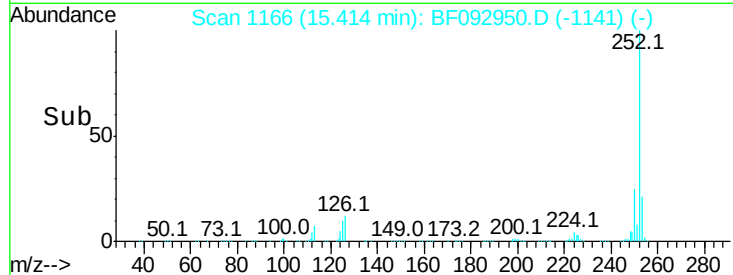
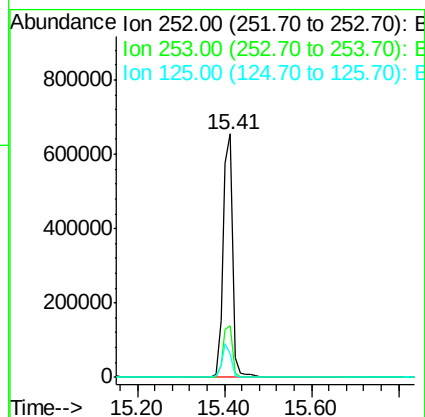
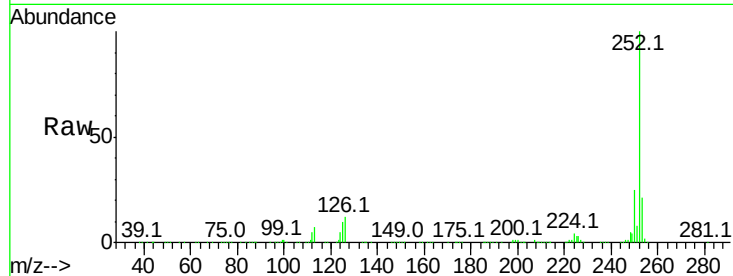




#89
Benzo(a)pyrene
Concen: 39.13 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

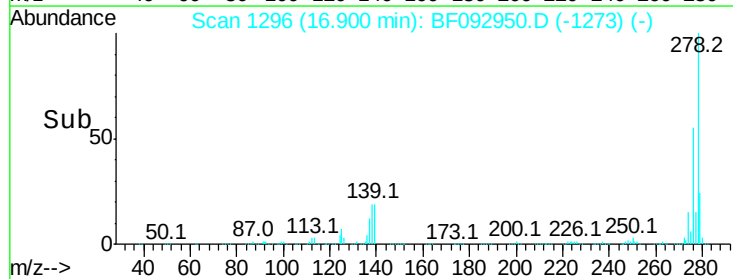
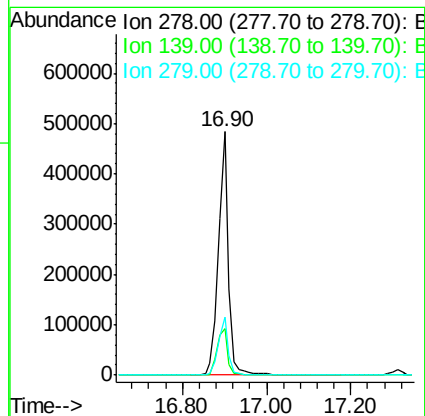
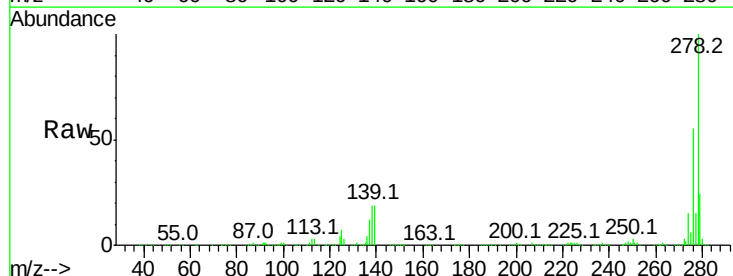
Instrument :
BNA_F
ClientSampleId :

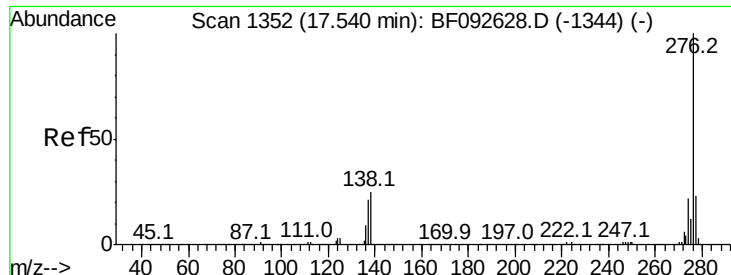
Tot Ion:252 Resp: 1014293
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.2
125 9.5 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 38.56 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF092950.D
Acq: 15 Feb 2017 14:48

Tgt Ion:278 Resp: 807828
Ion Ratio Lower Upper
278 100
139 19.3 14.8 22.2
279 23.9 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 38.15 ng

RT: 17.31 min Scan# 1332

Delta R.T. -0.03 min

Lab File: BF092950.D

Acq: 15 Feb 2017 14:48

Instrument :

BNA_F

ClientSampleId :

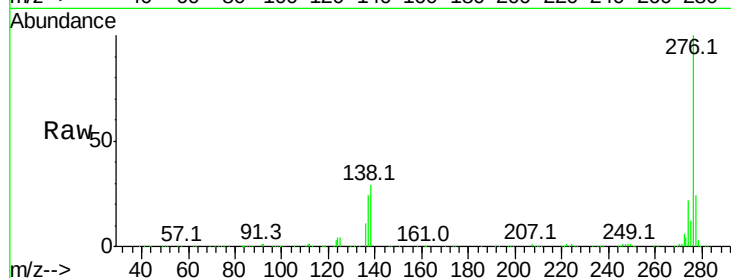
Tot Ion:276 Resp: 807487

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 28.8 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

