

Data Path : Z:\HPCHEM1\BNA F\Data\BF021417\
 Data File : BF092934.D
 Acq On : 14 Feb 2017 10:39
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 12:06:12 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	7.04	152	466603	20.00	ng	0.15
21) Naphthalene-d8	8.17	136	619450	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	329047	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	568551	20.00	ng	0.00
75) Chrysene-d12	14.04	240	436127	20.00	ng	-0.01
86) Perylene-d12	15.47	264	367839	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	695609	25.58	ng	-0.01
7) Phenol-d6	6.52	99	944610	26.99	ng	-0.01
23) Nitrobenzene-d5	7.45	82	860758	77.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	188299	79.12	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1377741	75.86	ng	0.00
78) Terphenyl-d14	12.98	244	1424264	76.73	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.48	88	193033	13.14	ng	# 85
3) Pyridine	3.21	79	493769	13.21	ng	88
4) n-Nitrosodimethylamine	3.16	42	215259	12.27	ng	88
6) Aniline	6.61	93	414260	8.68	ng	# 24
8) 2-Chlorophenol	6.67	128	402751	13.42	ng	91
9) Benzaldehyde	6.43	77	309805	12.36	ng	98
10) Phenol	6.53	94	583087	14.24	ng	86
11) bis(2-Chloroethyl)ether	6.61	93	414260	12.68	ng	90
12) 1,3-Dichlorobenzene	7.06	146	432970	12.32	ng	97
13) 1,4-Dichlorobenzene	6.90	146	481590	13.54	ng	97
14) 1,2-Dichlorobenzene	7.06	146	432970	12.73	ng	# 94
15) Benzyl Alcohol	7.02	79	311490	12.02	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	755385	13.30	ng	93
17) 2-Methylphenol	7.15	107	360699	14.01	ng	96
18) Hexachloroethane	7.39	117	156084	12.85	ng	# 85
19) n-Nitroso-di-n-propylamine	7.30	70	270231	12.13	ng	95
20) 3+4-Methylphenols	7.30	107	388077	12.61	ng	# 80
22) Acetophenone	7.30	105	539128	38.12	ng	# 93
24) Nitrobenzene	7.47	77	472458	41.36	ng	98
25) Isophorone	7.71	82	826611	39.88	ng	96
26) 2-Nitrophenol	7.79	139	232433	42.81	ng	# 81
27) 2,4-Dimethylphenol	7.82	122	356383	37.37	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	504840	36.77	ng	98
29) 2,4-Dichlorophenol	8.03	162	359795	40.46	ng	94
30) 1,2,4-Trichlorobenzene	8.11	180	373084	38.93	ng	96
31) Naphthalene	8.19	128	1199125	38.19	ng	99
32) Benzoic acid	7.96	122	178273	35.24	ng	91
33) 4-Chloroaniline	8.24	127	468343	38.03	ng	# 94
34) Hexachlorobutadiene	8.30	225	193331	36.67	ng	100
35) Caprolactam	8.61	113	114979	41.10	ng	# 28
36) 4-Chloro-3-methylphenol	8.73	107	381951	41.19	ng	94
37) 2-Methylnaphthalene	8.88	142	733072	36.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	382965	41.46	ng	99
40) Hexachlorocyclopentadiene	9.04	237	150086	36.02	ng	97

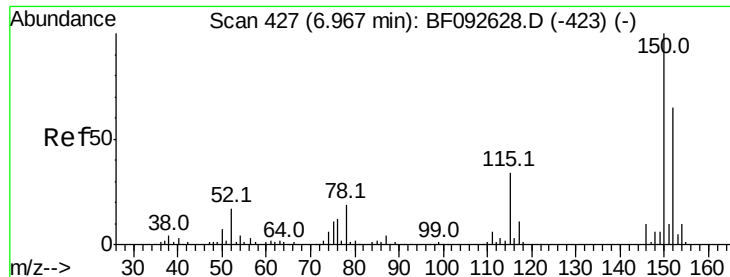
Data Path : Z:\HPCHEM1\BNA F\Data\BF021417\
 Data File : BF092934.D
 Acq On : 14 Feb 2017 10:39
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 12:06:12 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	9.16	196	241309	39.76	ng	93
43) 2,4,5-Trichlorophenol	9.20	196	256029	38.50	ng	94
45) 1,1'-Biphenyl	9.34	154	1008044	42.31	ng	99
46) 2-Chloronaphthalene	9.37	162	755893	40.55	ng	98
47) 2-Nitroaniline	9.47	65	247858	39.55	ng	# 61
48) Acenaphthylene	9.78	152	1177128	36.56	ng	98
49) Dimethylphthalate	9.64	163	836057	37.72	ng	98
50) 2,6-Dinitrotoluene	9.71	165	221884	46.36	ng	96
51) Acenaphthene	9.95	154	721755	37.49	ng	97
52) 3-Nitroaniline	9.88	138	253595	46.30	ng	# 79
53) 2,4-Dinitrophenol	9.98	184	111105	47.66	ng	# 82
54) Dibenzofuran	10.12	168	936876	36.39	ng	96
55) 4-Nitrophenol	10.04	139	161671	40.98	ng	91
56) 2,4-Dinitrotoluene	10.11	165	255196	40.05	ng	95
57) Fluorene	10.46	166	753988	38.06	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	190989	43.05	ng	94
59) Diethylphthalate	10.34	149	806862	38.63	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	347509	36.52	ng	96
61) 4-Nitroaniline	10.49	138	215047	38.33	ng	93
62) Azobenzene	10.61	77	842150	39.03	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	161025	46.61	ng	94
65) n-Nitrosodiphenylamine	10.58	169	712672	39.24	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	214374	36.09	ng	99
67) Hexachlorobenzene	11.01	284	224049	38.17	ng	# 94
68) Atrazine	11.10	200	217887	37.38	ng	98
69) Pentachlorophenol	11.21	266	128385	45.76	ng	98
70) Phenanthrene	11.42	178	1141619	35.05	ng	98
71) Anthracene	11.48	178	1326326	40.55	ng	98
72) Carbazole	11.63	167	1126112	36.01	ng	99
73) Di-n-butylphthalate	11.96	149	1374950	40.66	ng	# 97
74) Fluoranthene	12.61	202	1311587	39.04	ng	95
76) Benzidine	12.74	184	706617	38.02	ng	96
77) Pyrene	12.84	202	1354287	41.49	ng	99
79) Butylbenzylphthalate	13.46	149	582981	43.99	ng	# 78
80) Benzo(a)anthracene	14.03	228	1036474	38.86	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	389516	40.97	ng	99
82) Chrysene	14.07	228	1062042	42.52	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	732301	40.40	ng	99
84) Di-n-octyl phthalate	14.63	149	1288284	43.65	ng	100
85) Indeno(1,2,3-cd)pyrene	16.89	276	721101	37.28	ng	95
87) Benzo(b)fluoranthene	15.06	252	916525	37.86	ng	98
88) Benzo(k)fluoranthene	15.06	252	916525	43.84	ng	98
89) Benzo(a)pyrene	15.41	252	826351	39.46	ng	99
90) Dibenzo(a,h)anthracene	16.90	278	621706	36.73	ng	97
91) Benzo(g,h,i)perylene	17.31	276	619760	36.25	ng	# 90

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

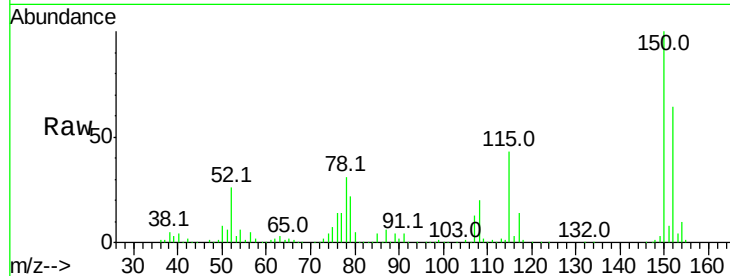


#1

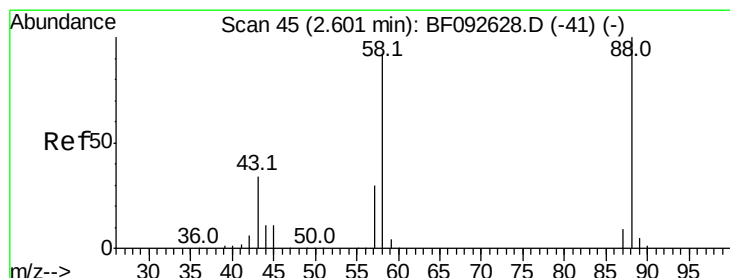
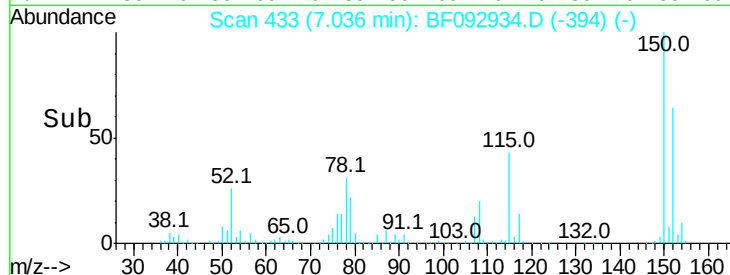
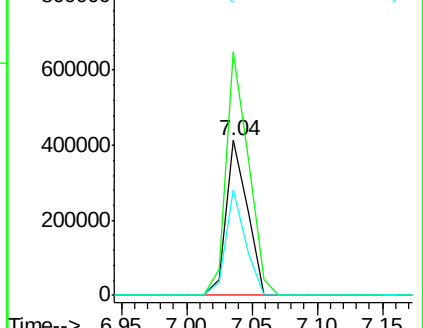
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.15 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 466603
Ion Ratio Lower Upper
152 100
150 156.9 124.9 187.3
115 68.0 46.0 69.0



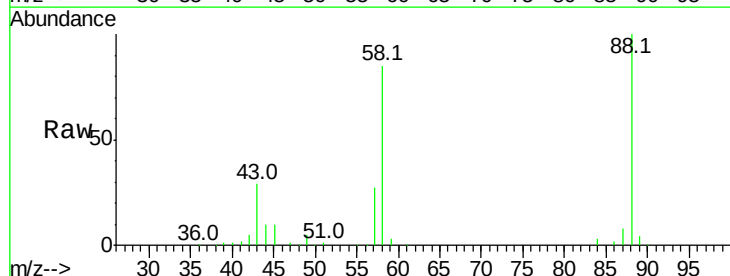
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



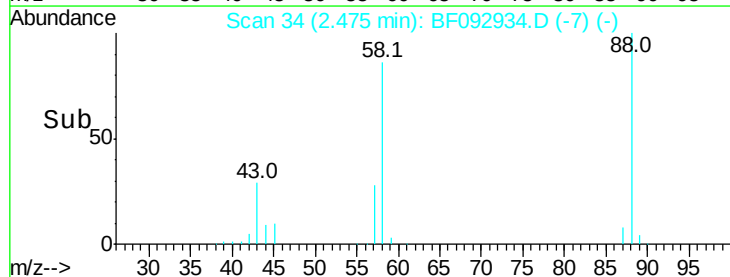
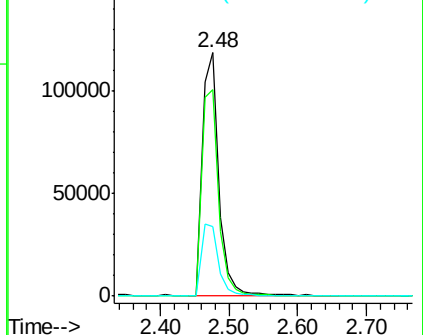
#2

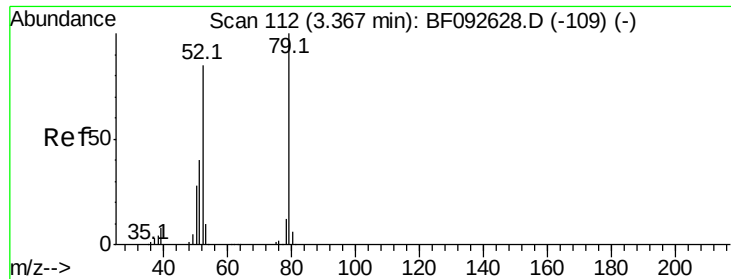
1,4-Dioxane
Concen: 13.14 ng
RT: 2.48 min Scan# 34
Delta R.T. 0.01 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

Tgt Ion: 88 Resp: 193033
Ion Ratio Lower Upper
88 100
58 87.4 57.8 86.8#
43 31.0 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: 13.21 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

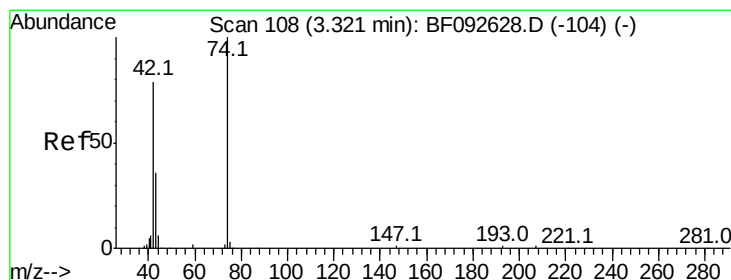
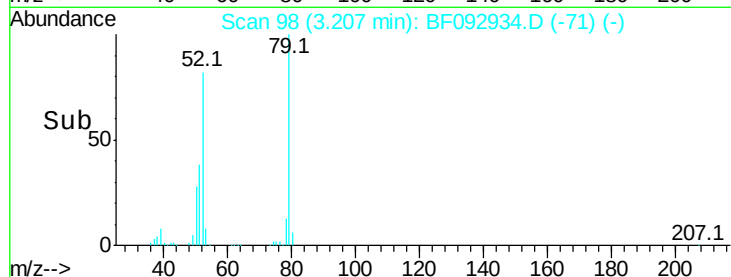
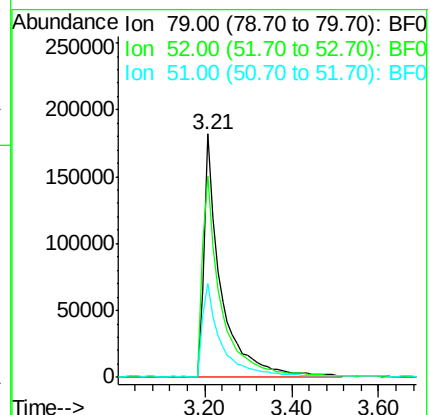
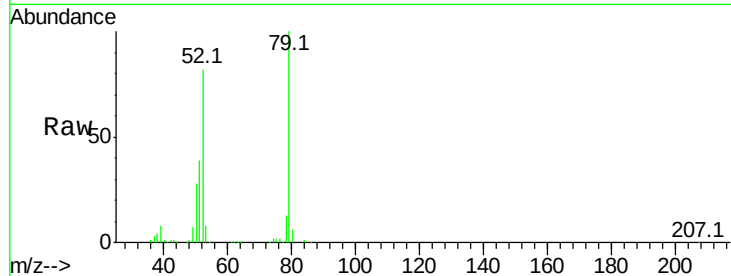
Tot Ion: 79 Resp: 493769

Ion Ratio Lower Upper

79 100

52 82.5 57.1 85.7

51 38.7 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 12.27 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

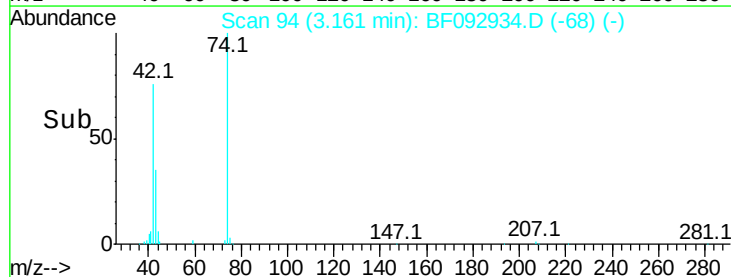
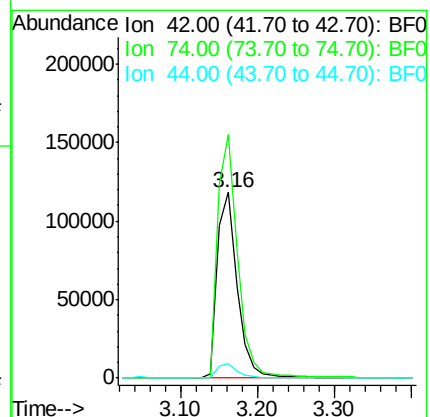
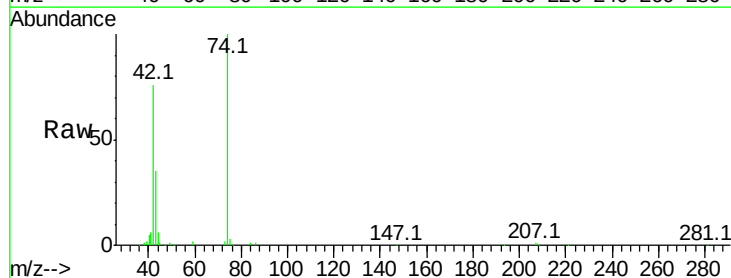
Tgt Ion: 42 Resp: 215259

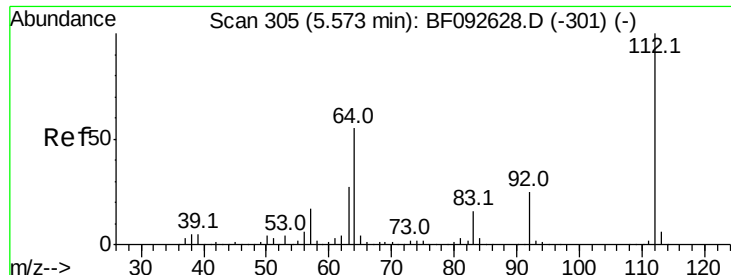
Ion Ratio Lower Upper

42 100

74 131.1 117.0 175.4

44 7.8 5.5 8.3





#5

2-Fluorophenol

Concen: 25.58 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

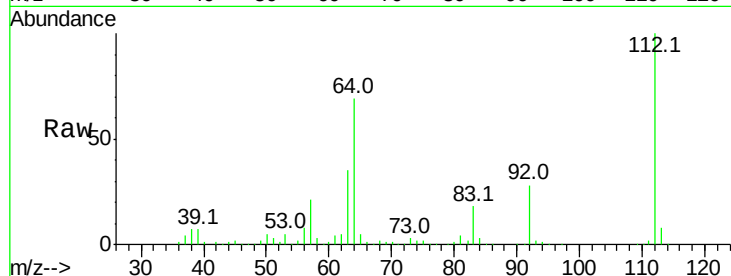
Tot Ion:112 Resp: 695609

Ion Ratio Lower Upper

112 100

64 69.4 46.1 69.1#

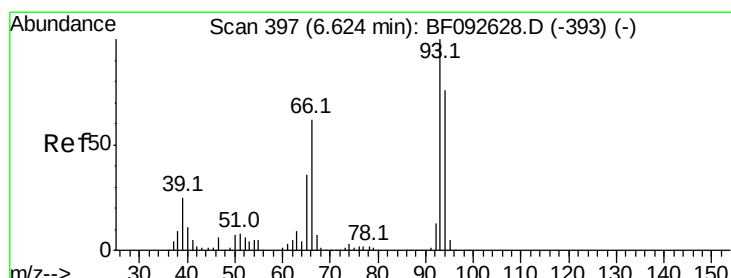
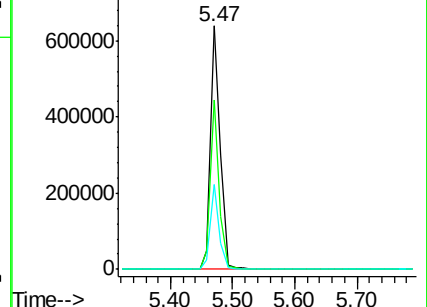
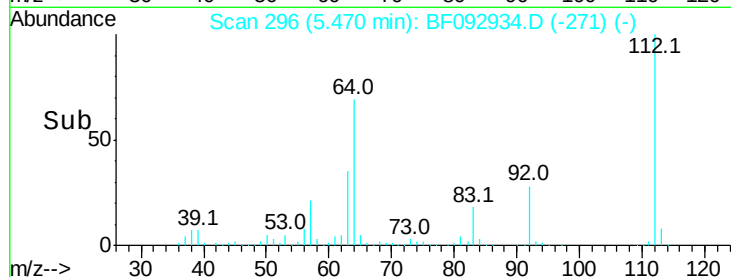
63 34.7 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.68 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.06 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

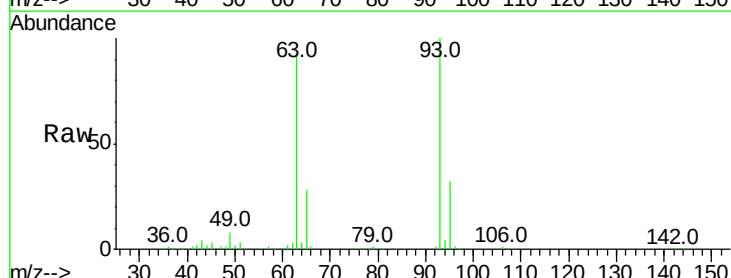
Tgt Ion: 93 Resp: 414260

Ion Ratio Lower Upper

93 100

66 0.8 76.2 114.2#

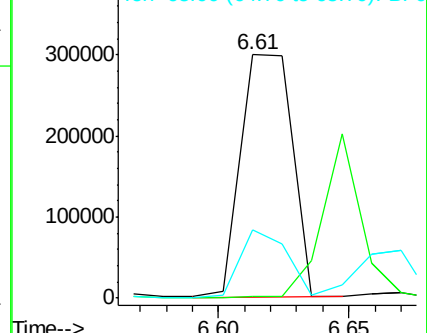
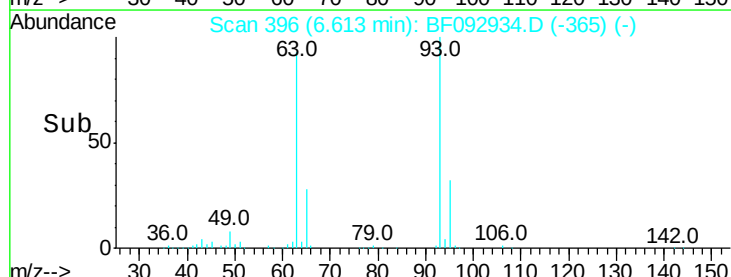
65 28.1 49.3 73.9#

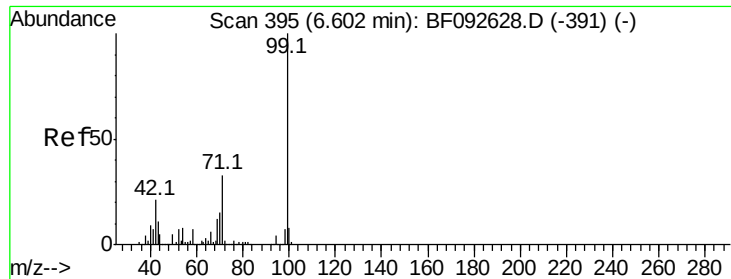


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 26.99 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

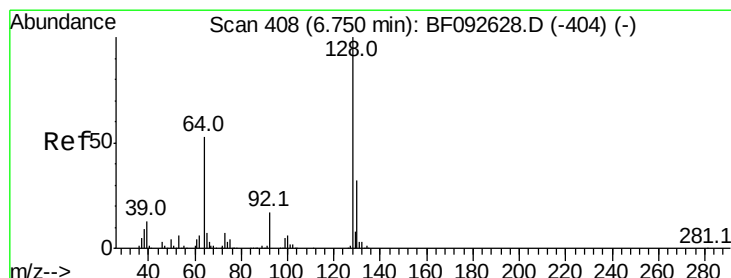
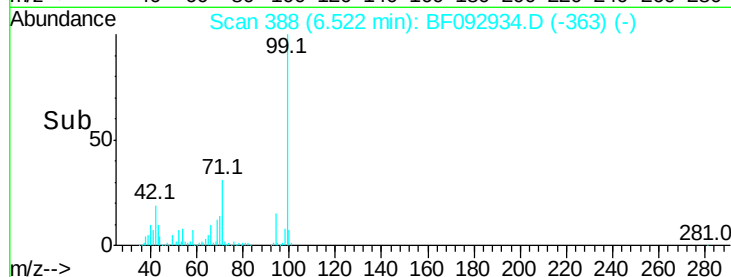
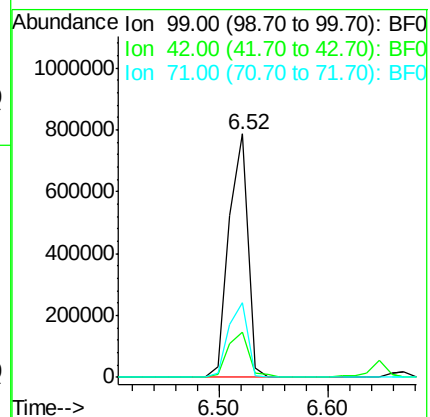
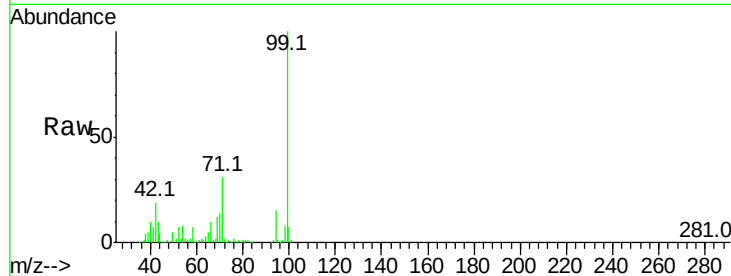
Tot Ion: 99 Resp: 944610

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

71 30.9 27.5 41.3



#8

2-Chlorophenol

Concen: 13.42 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

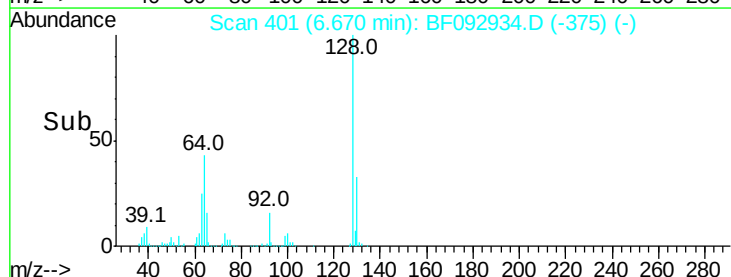
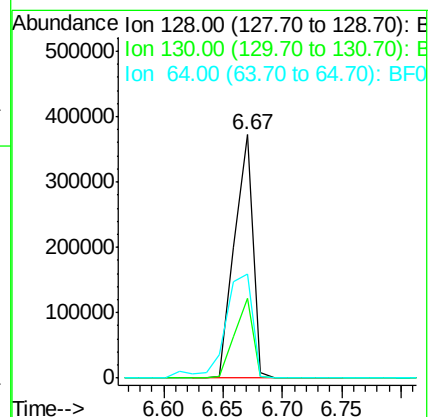
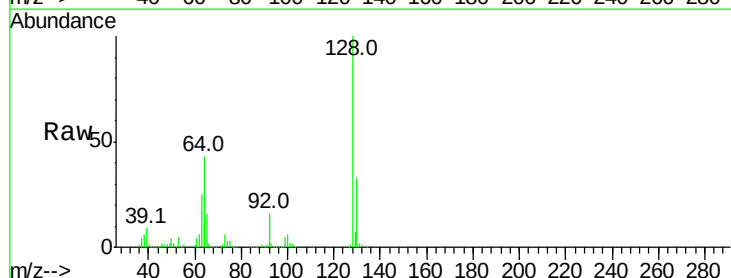
Tgt Ion: 128 Resp: 402751

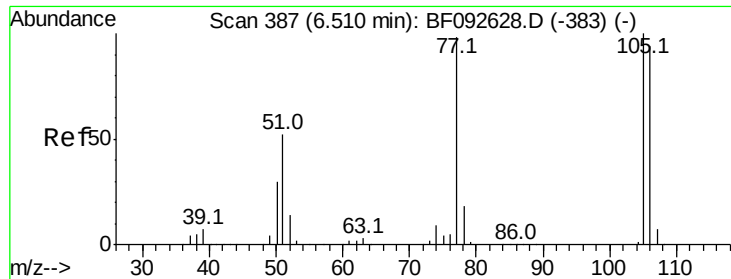
Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

64 42.6 32.2 72.2





#9

Benzaldehyde

Concen: 12.36 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

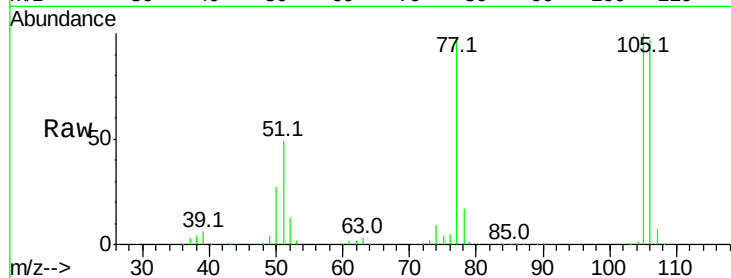
Tot Ion: 77 Resp: 309805

Ion Ratio Lower Upper

77 100

105 101.7 83.9 123.9

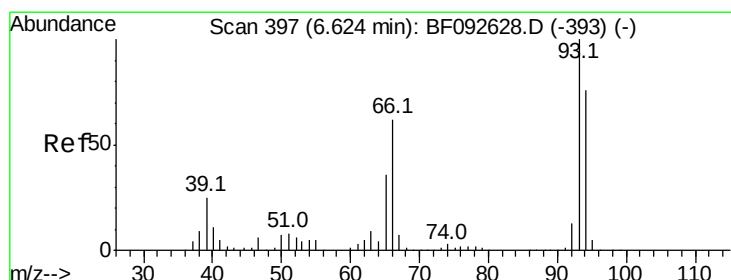
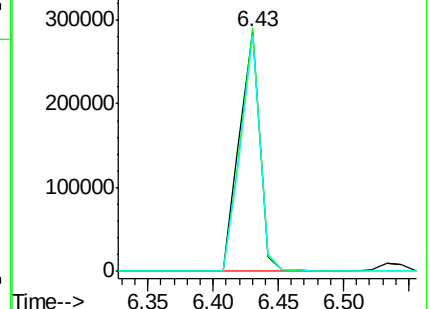
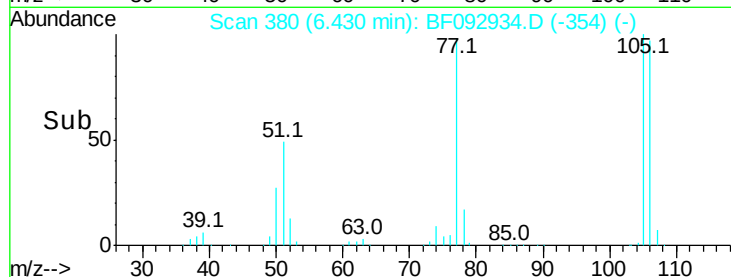
106 98.7 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 14.24 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

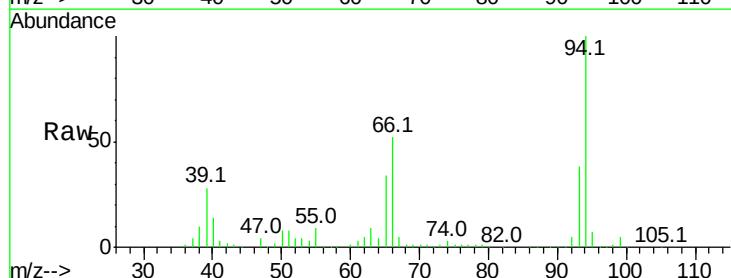
Tgt Ion: 94 Resp: 583087

Ion Ratio Lower Upper

94 100

65 34.3 21.4 61.4

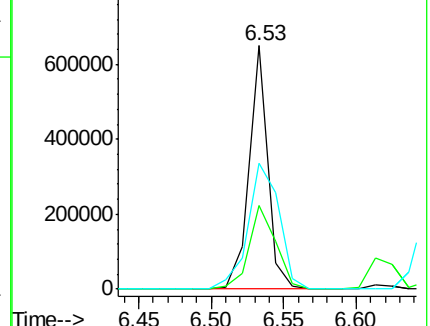
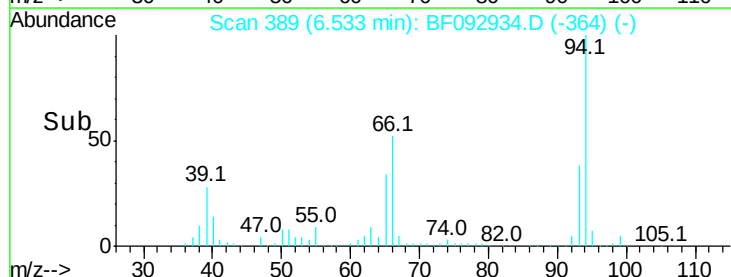
66 51.7 44.0 84.0

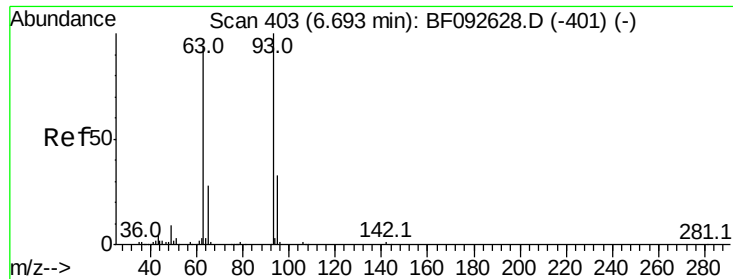


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

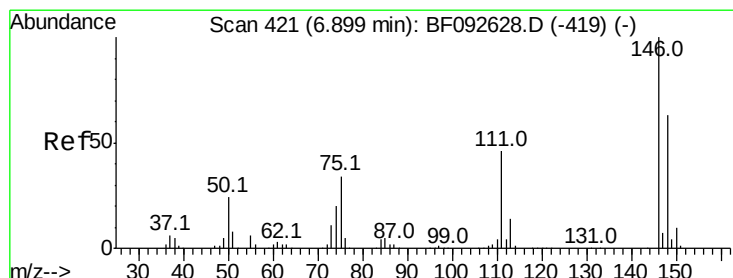
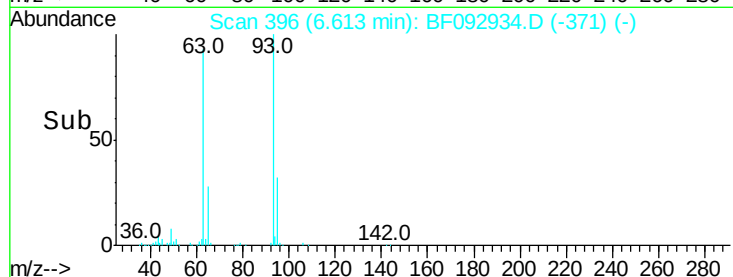
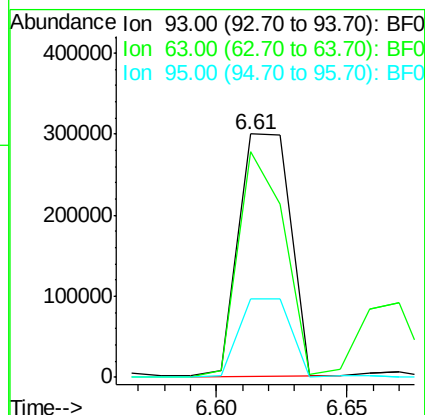
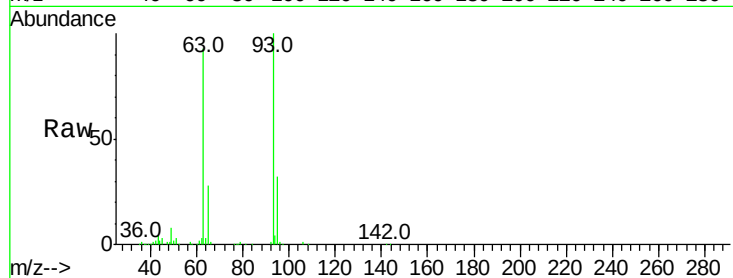




#11
bis(2-Chloroethyl)ether
Concen: 12.68 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

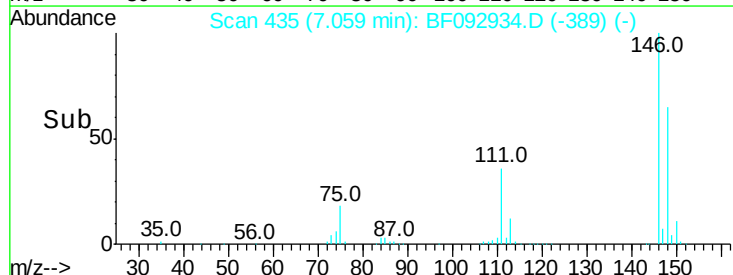
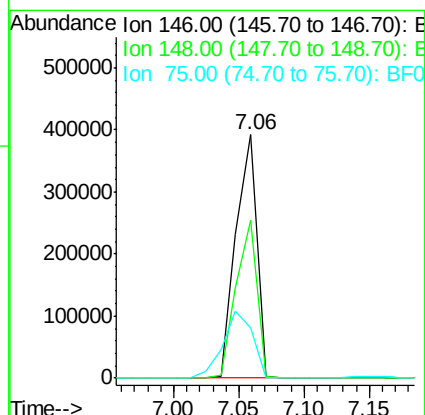
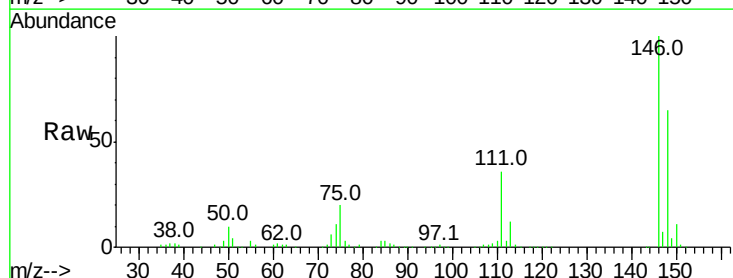
Instrument :
BNA_F
ClientSampleId :

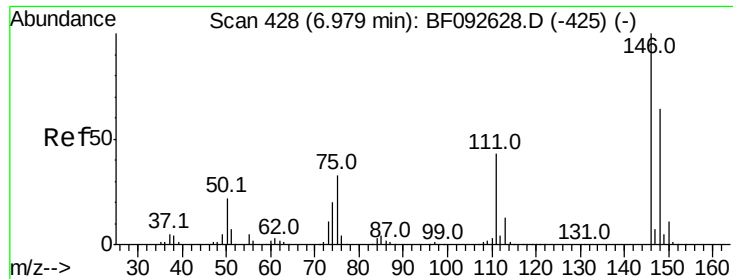
Tot Ion: 93 Resp: 414260
Ion Ratio Lower Upper
93 100
63 92.5 60.4 100.4
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 12.32 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.23 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

Tgt Ion: 146 Resp: 432970
Ion Ratio Lower Upper
146 100
148 64.9 53.4 80.0
75 20.5 18.5 27.7

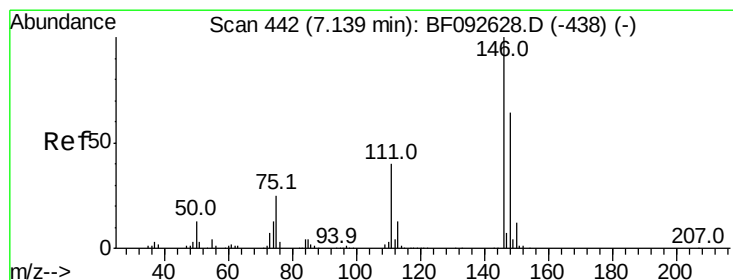
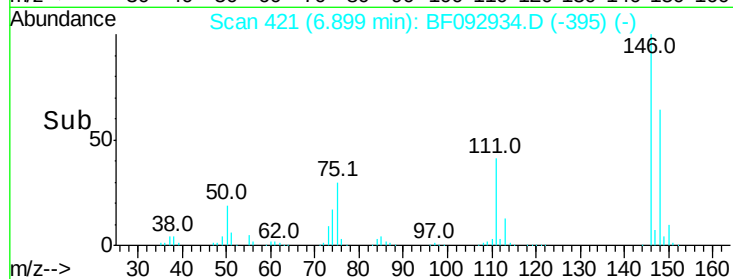
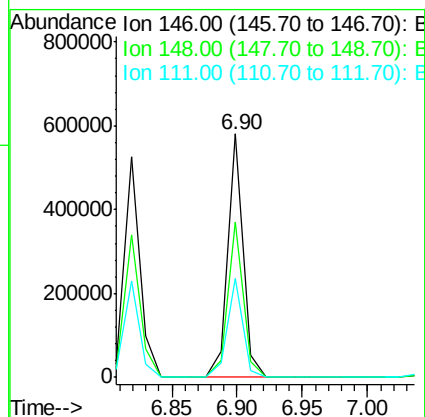
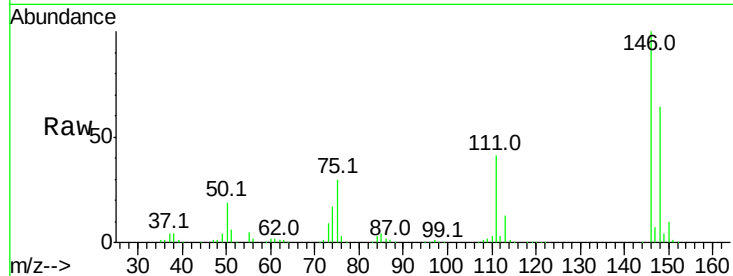




#13
 1,4-Dichlorobenzene
 Concen: 13.54 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

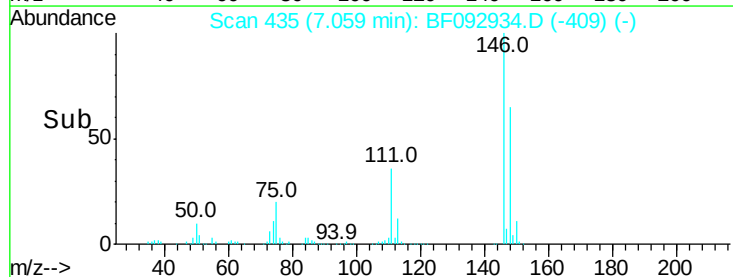
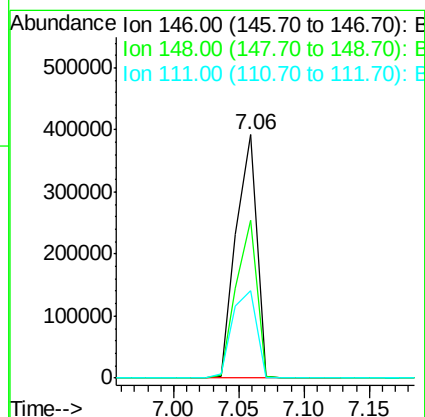
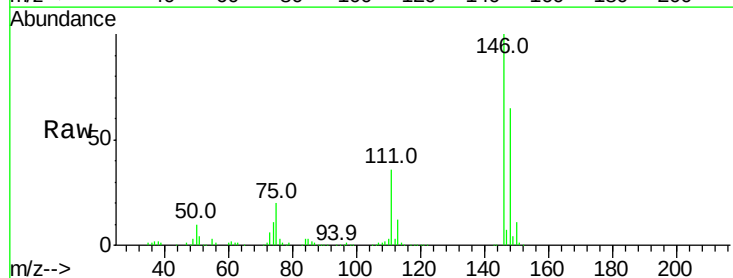
Instrument :
 BNA_F
 ClientSampled :

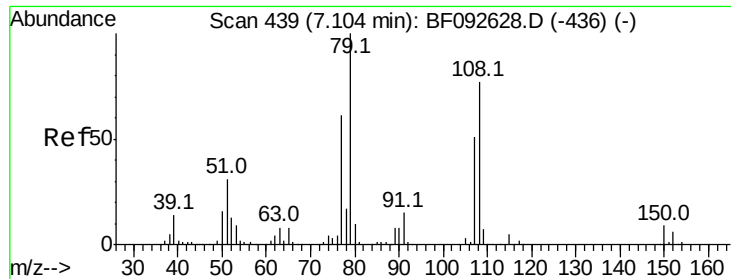
Tot Ion:146 Resp: 481590
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 76.0
 111 40.8 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 12.73 ng
 RT: 7.06 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

Tgt Ion:146 Resp: 432970
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.2 78.2
 111 35.7 36.2 54.2#

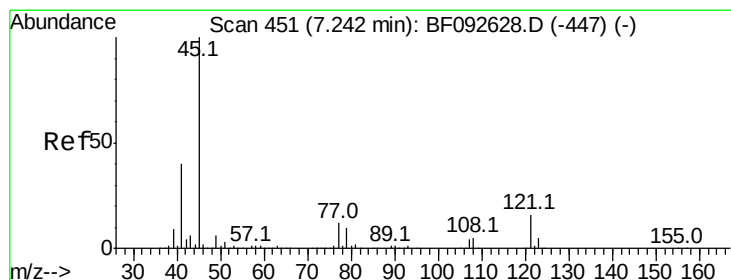
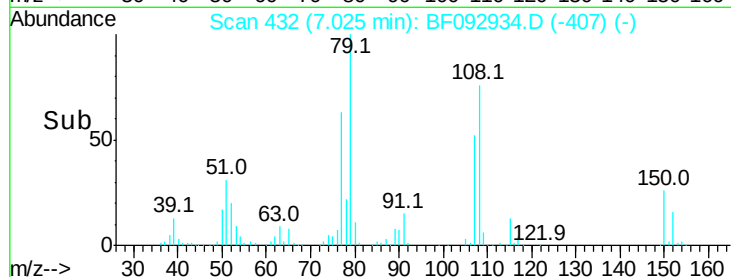
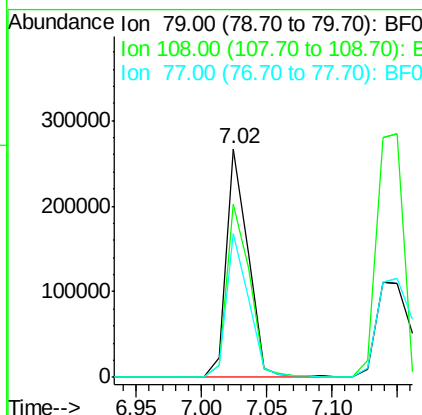
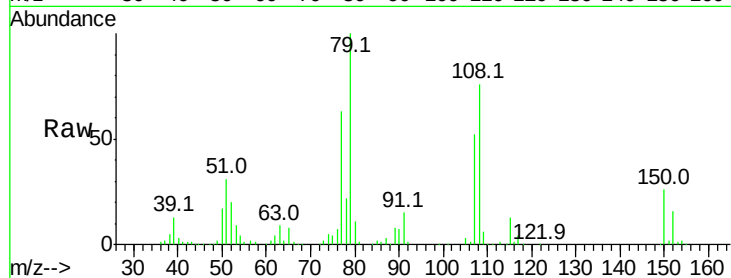




#15
Benzyl Alcohol
Concen: 12.02 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

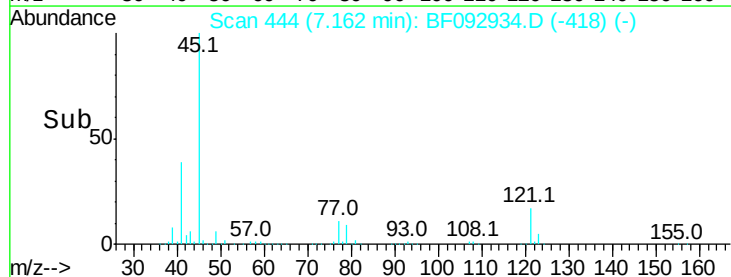
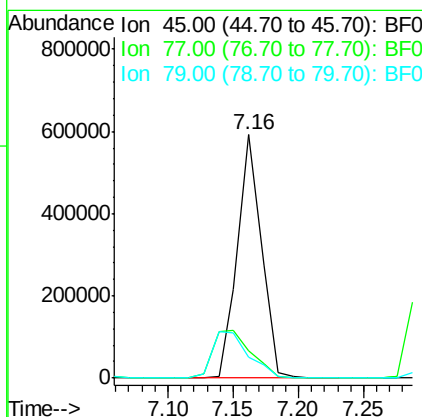
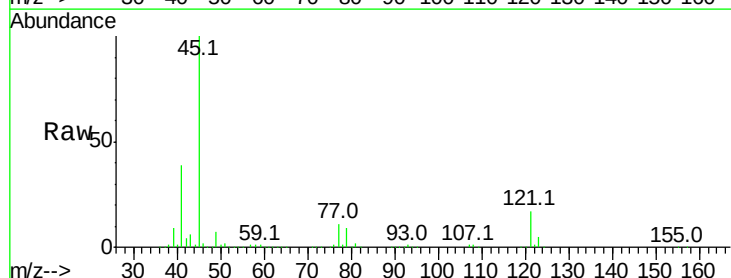
Instrument :
BNA_F
ClientSampleId :

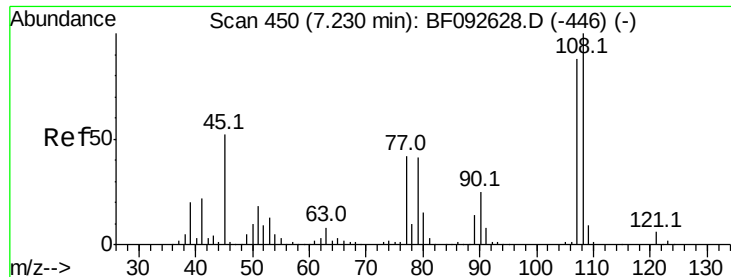
Tot Ion: 79 Resp: 311490
Ion Ratio Lower Upper
79 100
108 75.6 61.4 92.0
77 63.1 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 13.30 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

Tgt Ion: 45 Resp: 755385
Ion Ratio Lower Upper
45 100
77 11.5 0.0 34.6
79 8.6 0.0 31.2





#17

2-Methylphenol

Concen: 14.01 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 360699

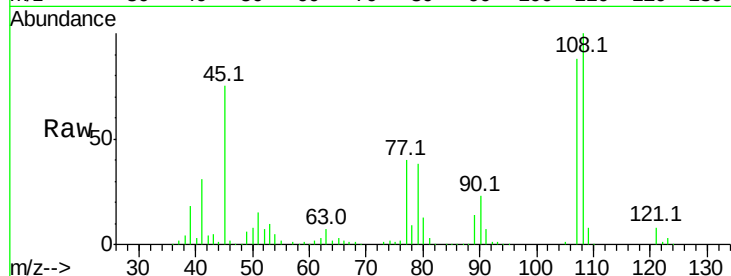
Ion Ratio Lower Upper

107 100

108 113.1 93.0 139.6

77 45.8 39.8 59.8

79 43.4 38.0 57.0

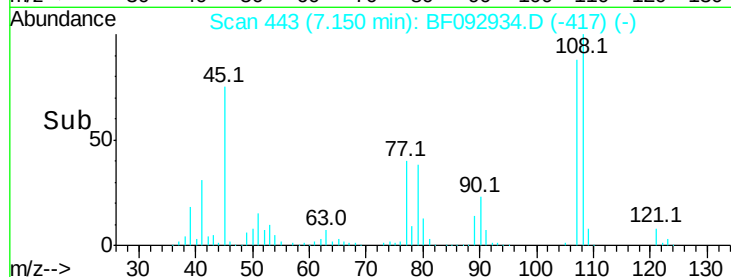


Abundance Ion 107.00 (106.70 to 107.70): E

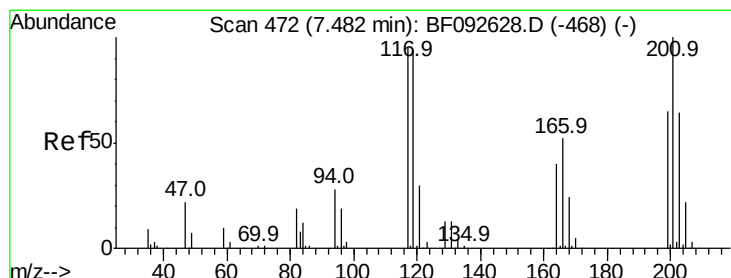
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time--> 7.05 7.10 7.15 7.20 7.25



#18

Hexachloroethane

Concen: 12.85 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

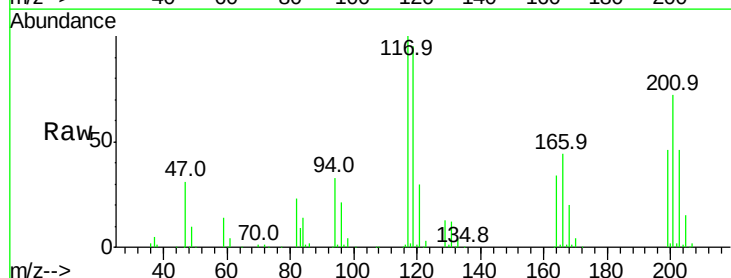
Tgt Ion:117 Resp: 156084

Ion Ratio Lower Upper

117 100

119 94.8 78.1 117.1

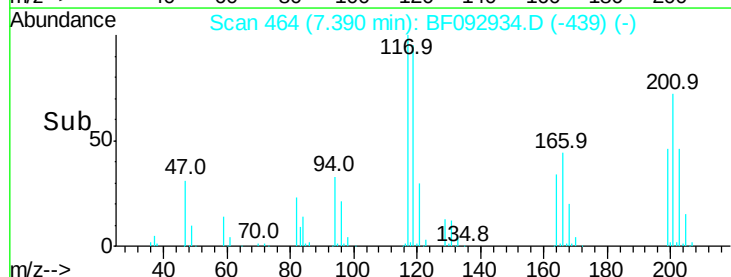
201 71.8 78.6 117.8#



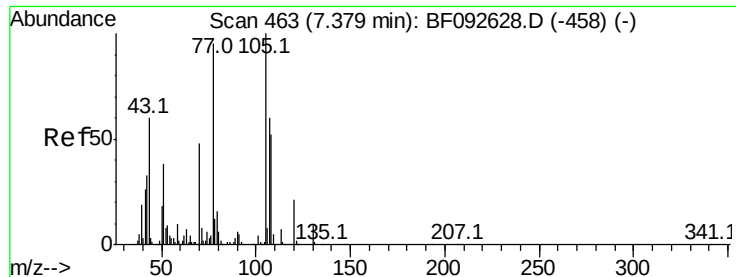
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



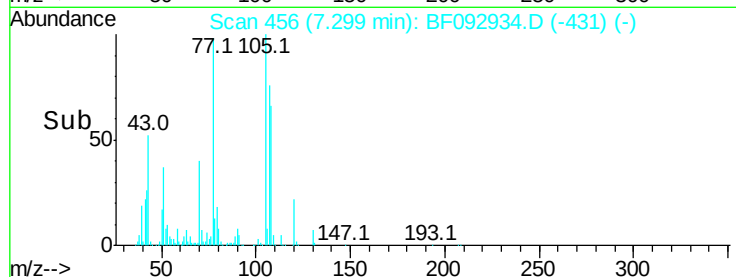
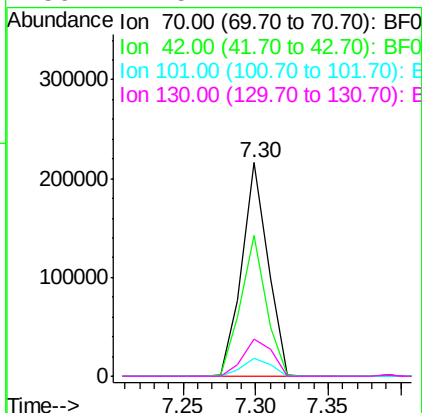
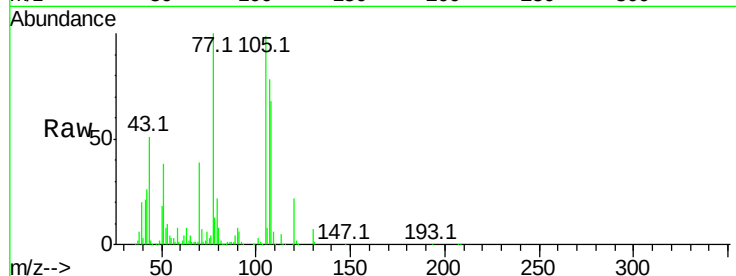
Time--> 7.35 7.40 7.45



#19
n-Nitroso-di-n-propylamine
Concen: 12.13 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

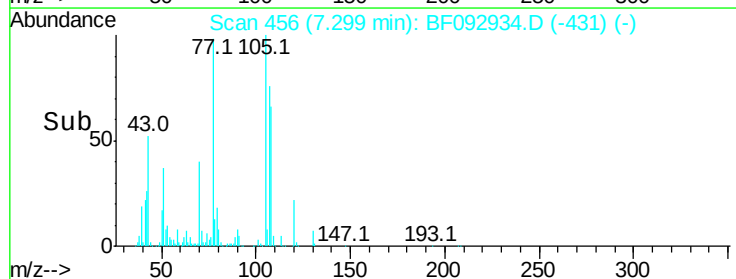
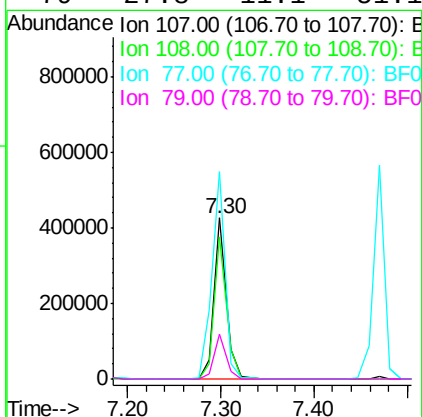
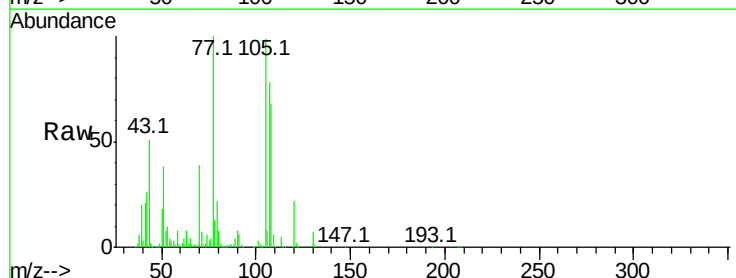
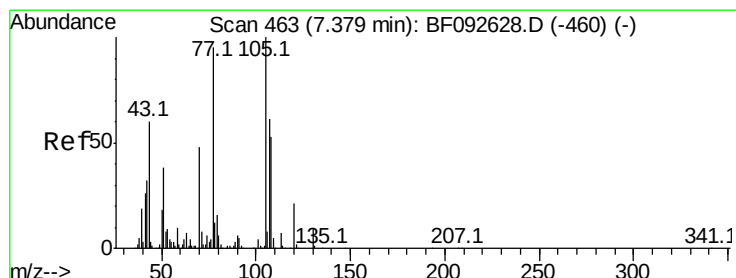
Instrument :
BNA_F
ClientSampleId :

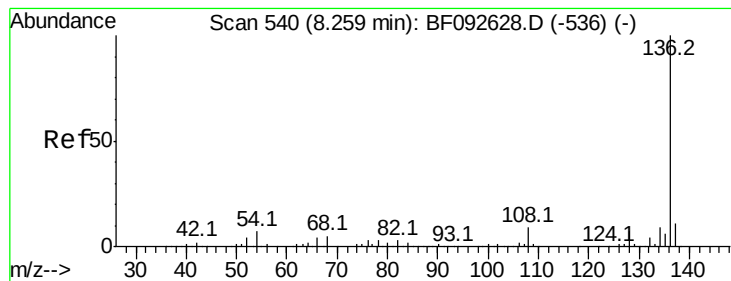
Tot Ion: 70 Resp: 270231
Ion Ratio Lower Upper
70 100
42 66.2 49.4 74.0
101 8.2 7.4 11.2
130 17.5 14.2 21.4



#20
3+4-Methylphenols
Concen: 12.61 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

Tgt Ion:107 Resp: 388077
Ion Ratio Lower Upper
107 100
108 88.1 73.0 113.0
77 128.8 71.3 111.3#
79 27.8 11.1 51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 619450

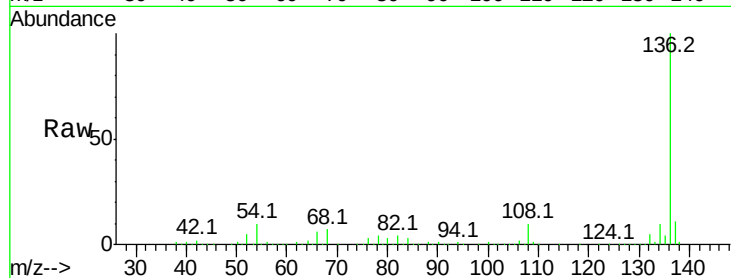
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 10.3 4.5 6.7#

68 7.1 3.6 5.4#

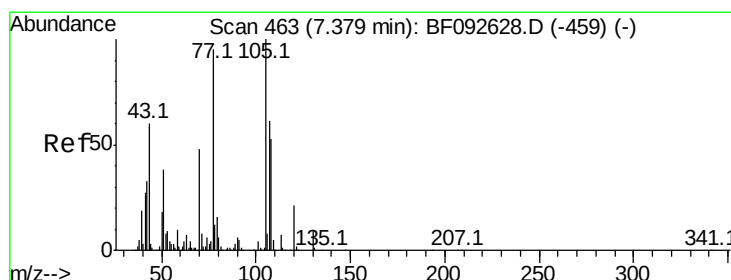
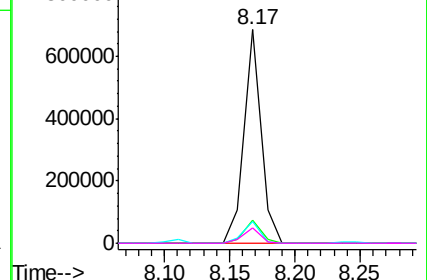
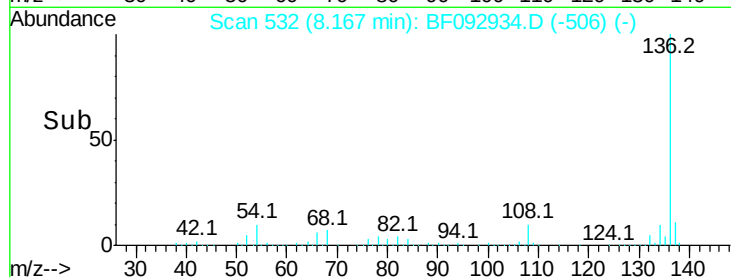


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.12 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Tgt Ion:105 Resp: 539128

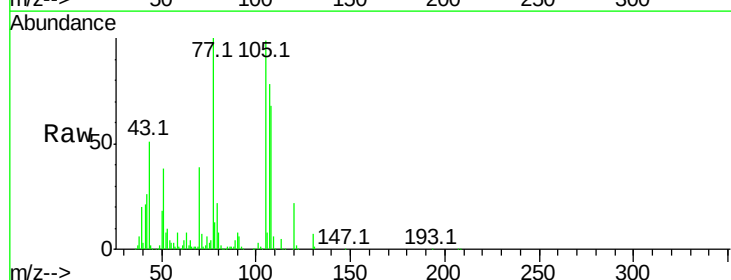
Ion Ratio Lower Upper

105 100

71 6.7 3.2 4.8#

51 38.2 26.2 39.4

120 22.2 16.6 24.8

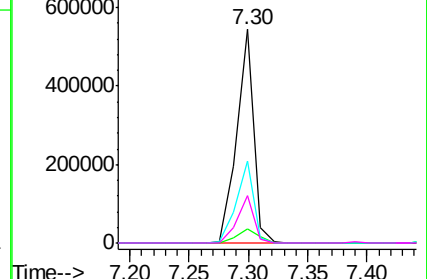
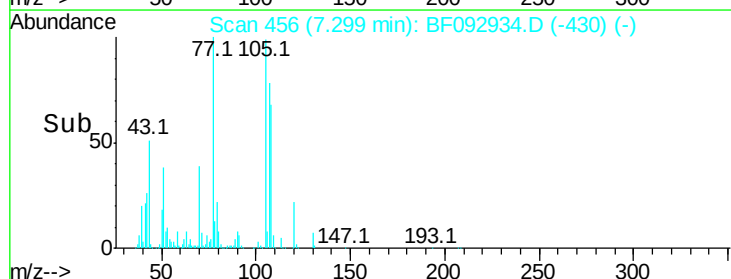


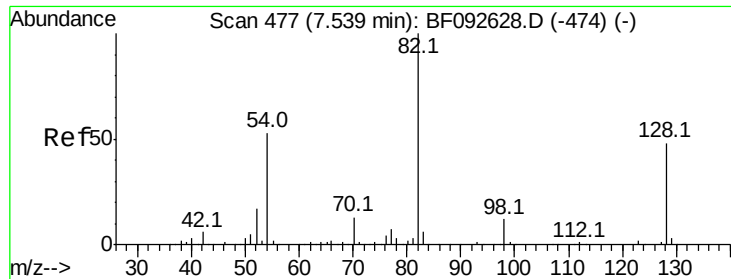
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

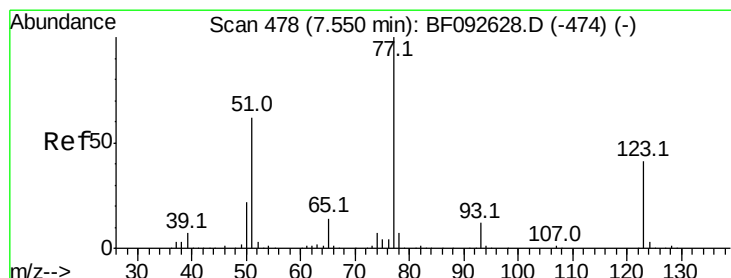
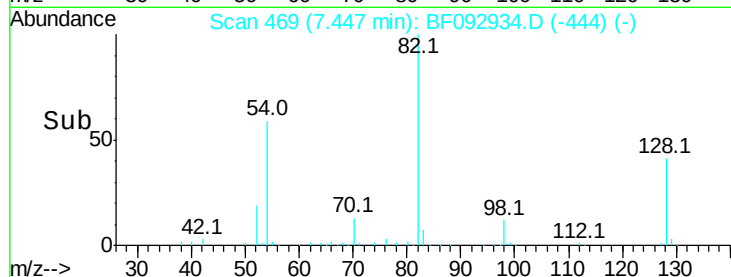
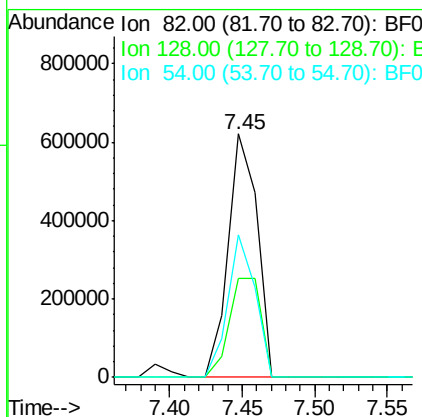
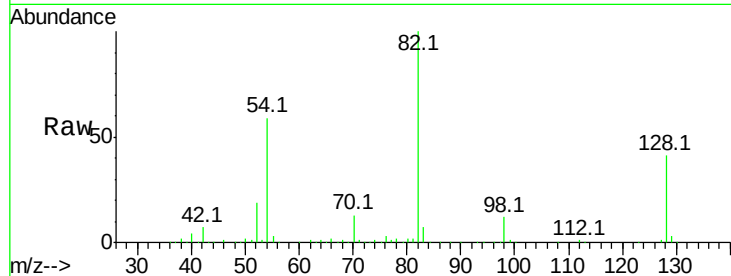




#23
 Nitrobenzene-d5
 Concen: 77.38 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

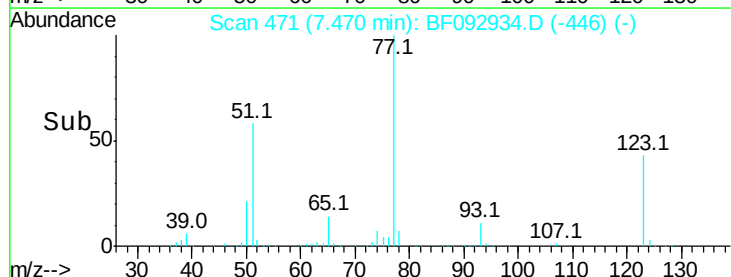
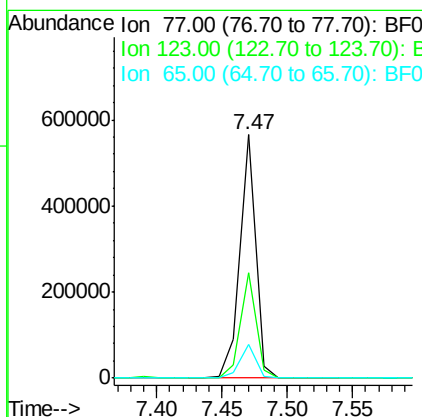
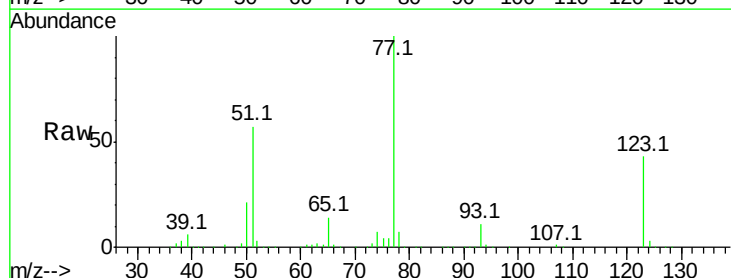
Instrument :
 BNA_F
 ClientSampled :

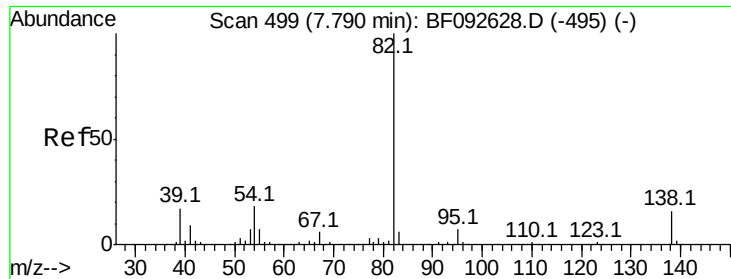
Tot Ion	82	Resp	860758
Ion Ratio	100	Lower	Upper
128	40.8	34.6	52.0
54	58.6	39.5	59.3



#24
 Nitrobenzene
 Concen: 41.36 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

Tgt Ion	77	Resp	472458
Ion Ratio	100	Lower	Upper
123	43.1	33.0	49.4
65	13.8	11.2	16.8





#25

Isophorone

Concen: 39.88 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

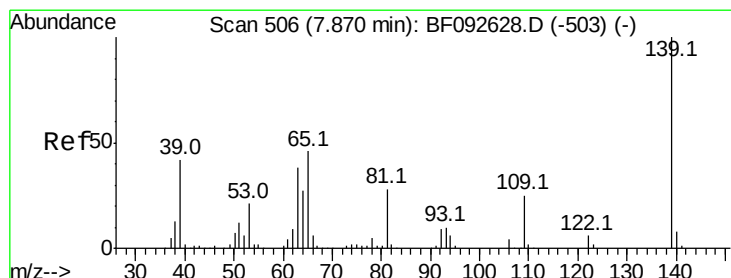
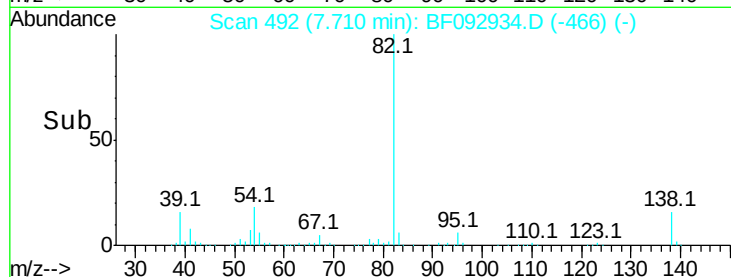
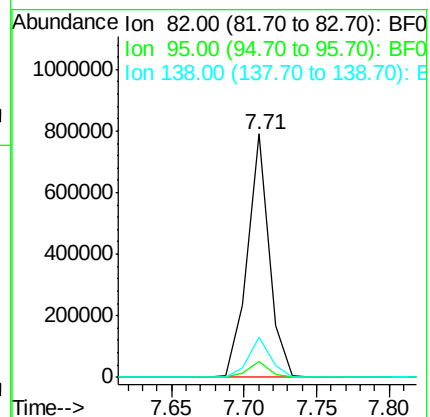
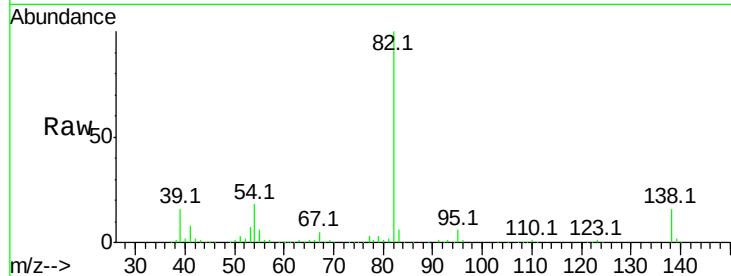
Tot Ion: 82 Resp: 826611

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 16.3 14.6 22.0



#26

2-Nitrophenol

Concen: 42.81 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

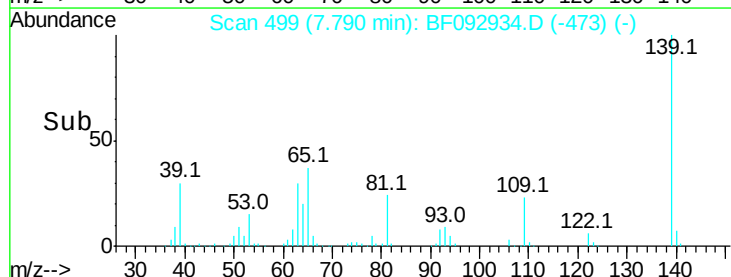
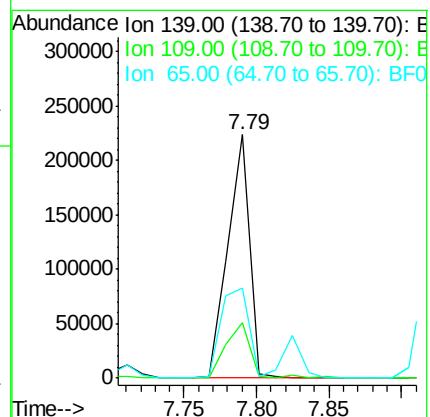
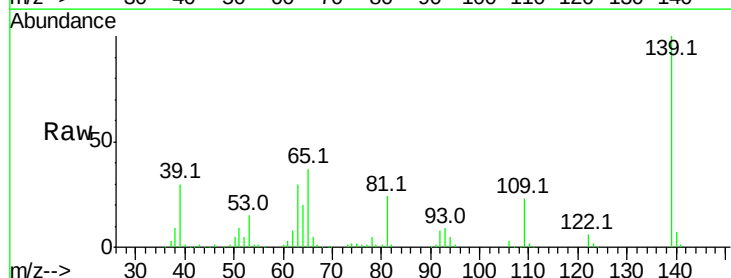
Tgt Ion: 139 Resp: 232433

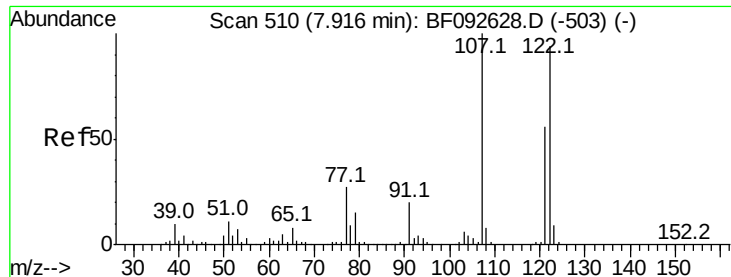
Ion Ratio Lower Upper

139 100

109 22.9 23.3 34.9#

65 36.8 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 37.37 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampled :

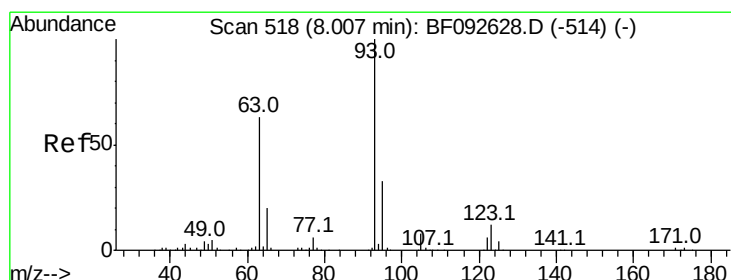
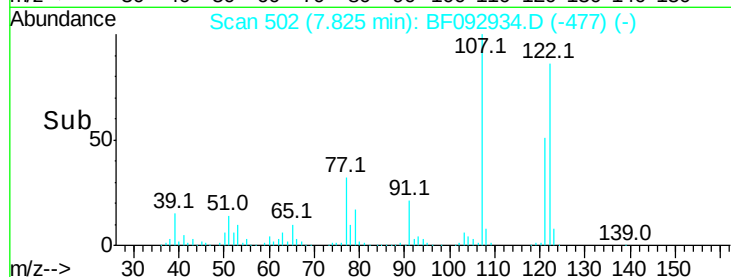
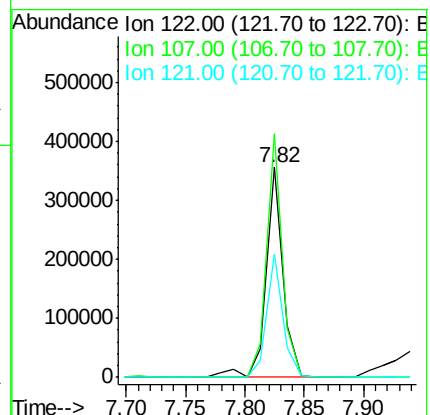
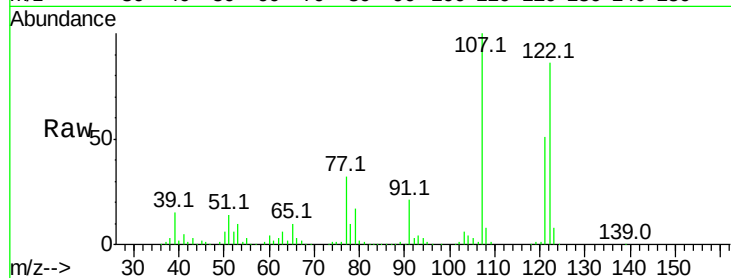
Tot Ion:122 Resp: 356383

Ion Ratio Lower Upper

122 100

107 115.9 94.1 141.1

121 58.7 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 36.77 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

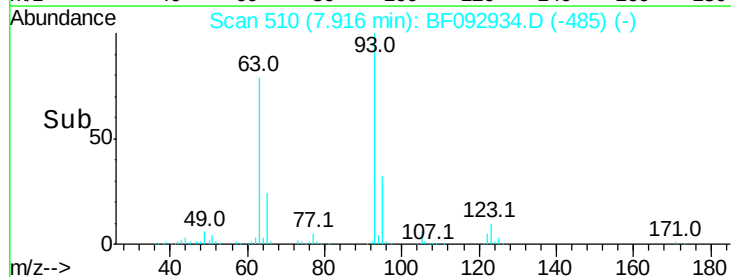
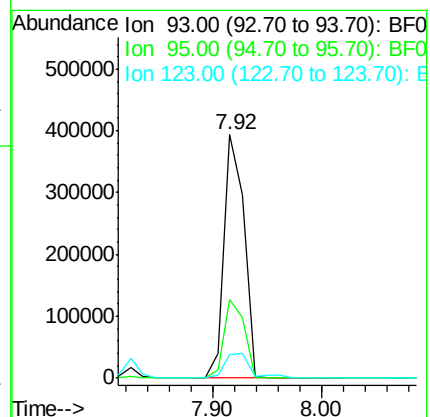
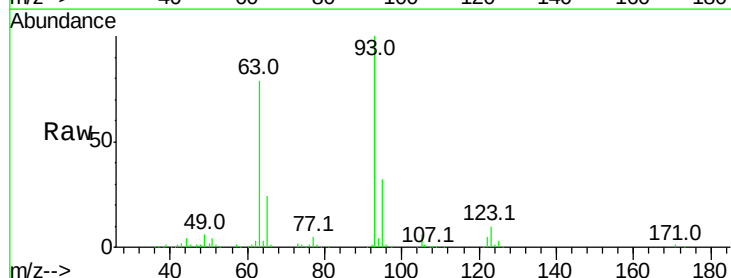
Tgt Ion: 93 Resp: 504840

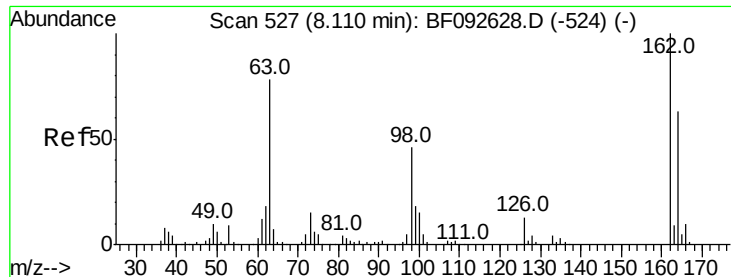
Ion Ratio Lower Upper

93 100

95 32.0 26.5 39.7

123 9.8 8.6 13.0

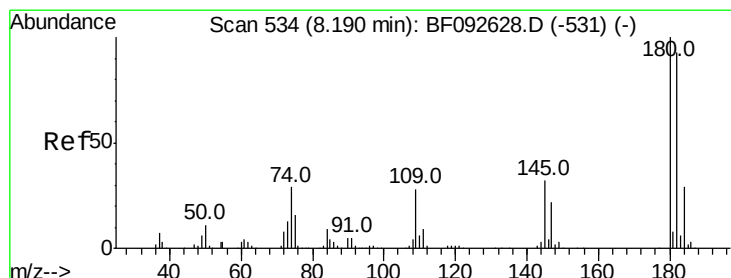
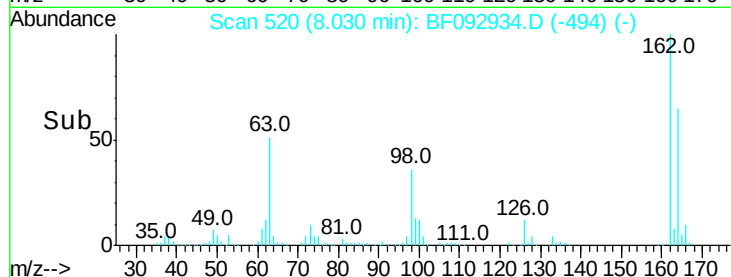
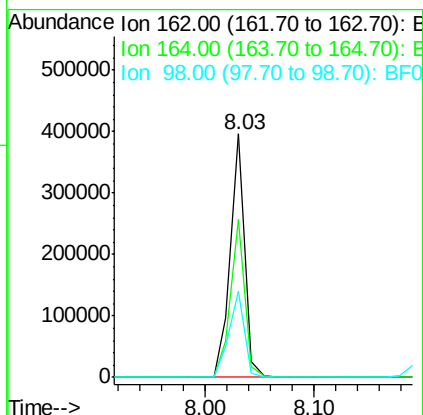
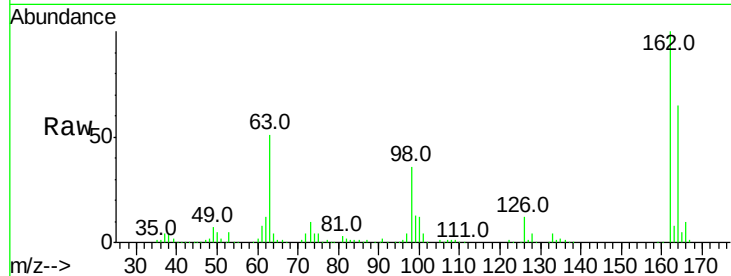




#29
 2,4-Dichlorophenol
 Concen: 40.46 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

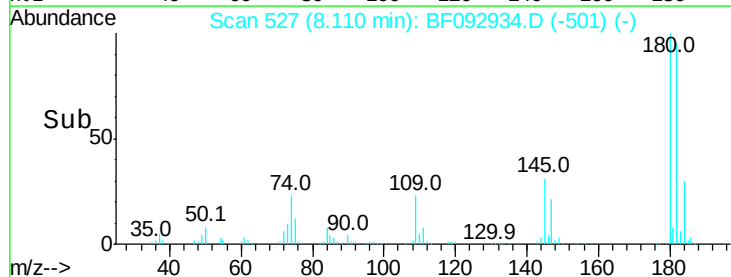
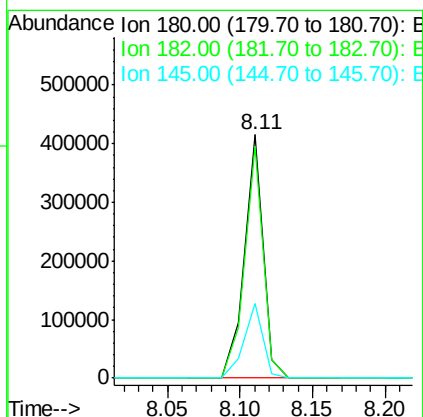
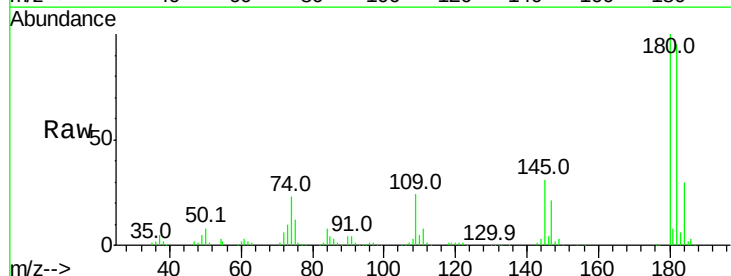
Instrument :
 BNA_F
 ClientSampleId :

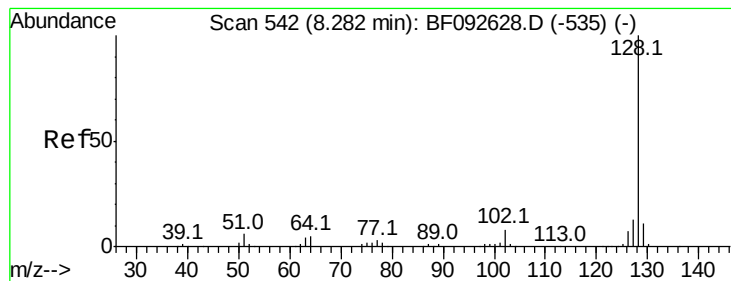
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	46.8	86.8
98	35.6	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.93 ng
 RT: 8.11 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.2	117.4
145	30.7	21.6	32.4





#31

Naphthalene

Concen: 38.19 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

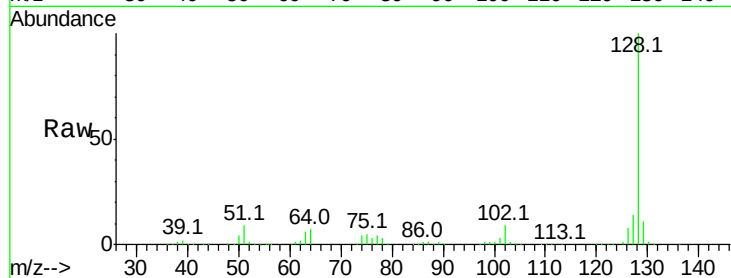
Tot Ion:128 Resp: 1199125

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

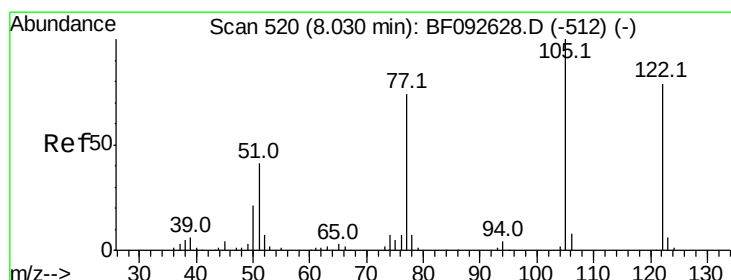
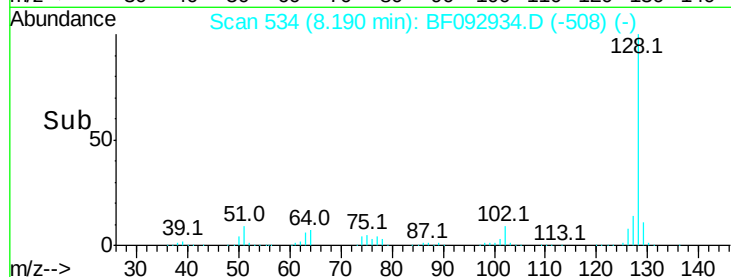
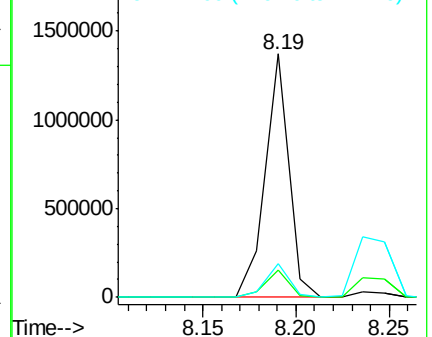
127 13.7 10.8 16.2



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: 35.24 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

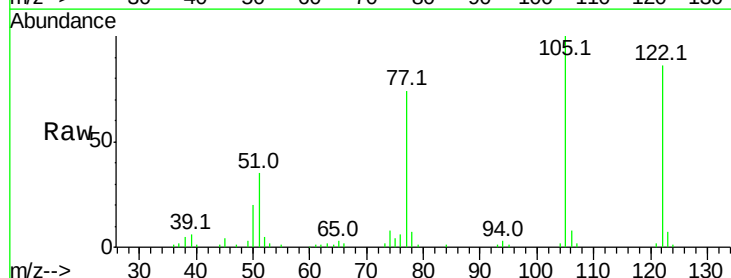
Tgt Ion:122 Resp: 178273

Ion Ratio Lower Upper

122 100

105 116.3 107.2 147.2

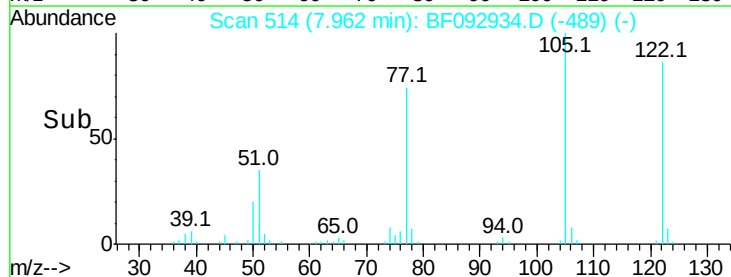
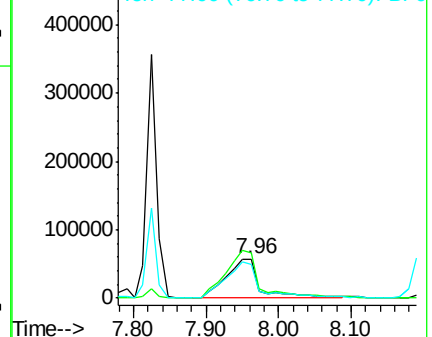
77 85.5 74.5 114.5

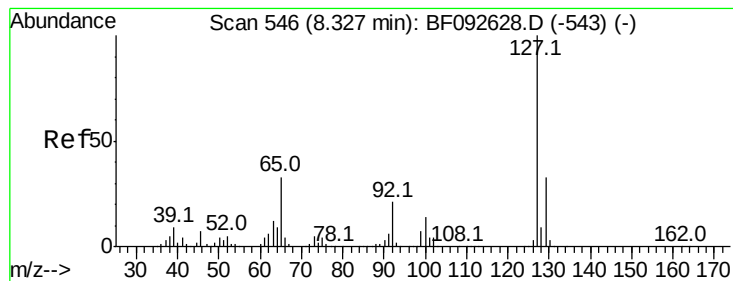


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.03 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF092934.D

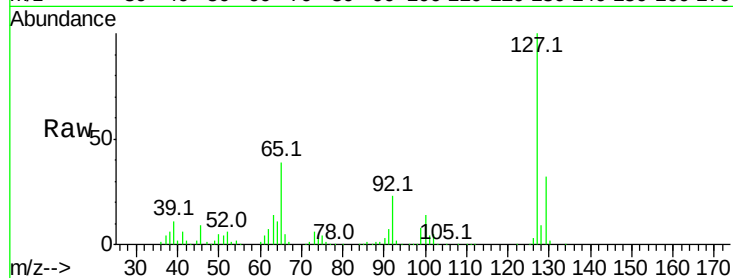
Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:	127	Resp:	468343
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	38.9	25.8	38.8#
92	22.5	16.1	24.1

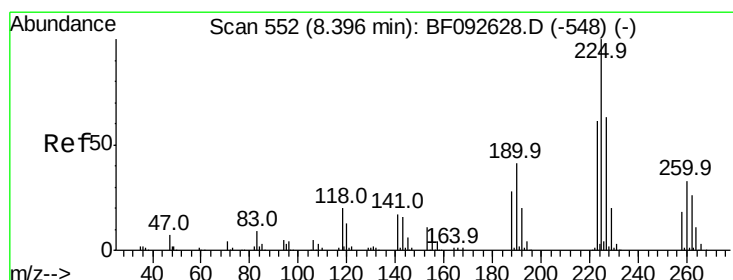
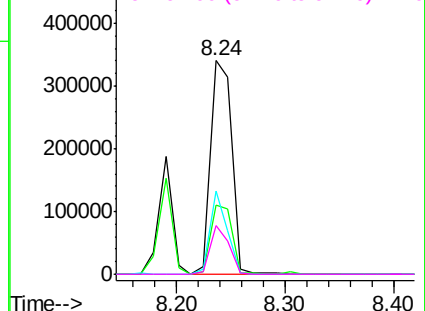
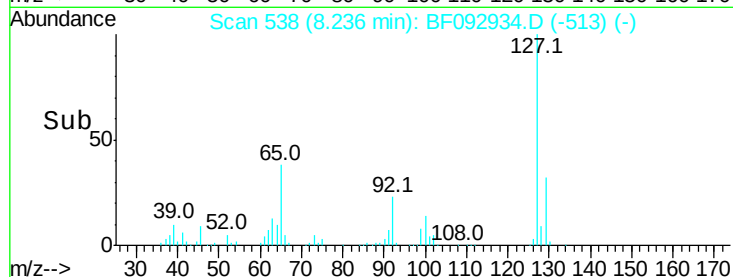


Abundance Ion 127.00 (126.70 to 127.70): E

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: 36.67 ng

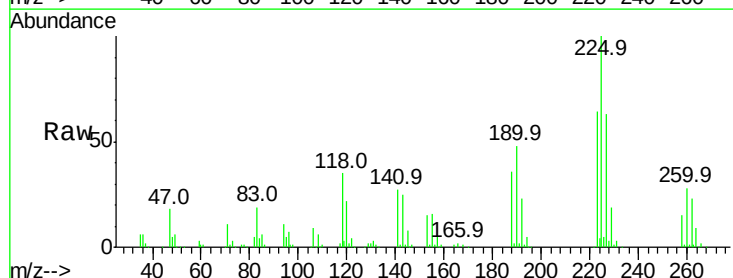
RT: 8.30 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

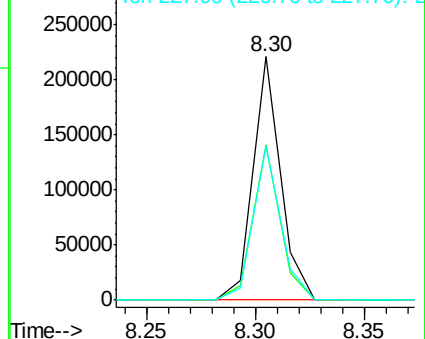
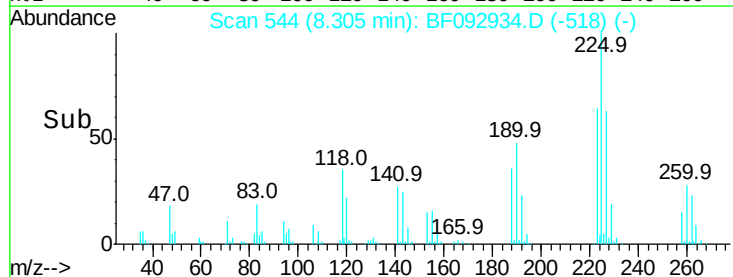
Tgt Ion:	225	Resp:	193331
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.6
227	63.5	50.6	76.0

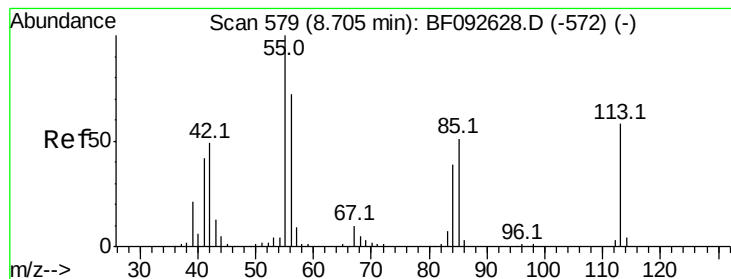


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.10 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

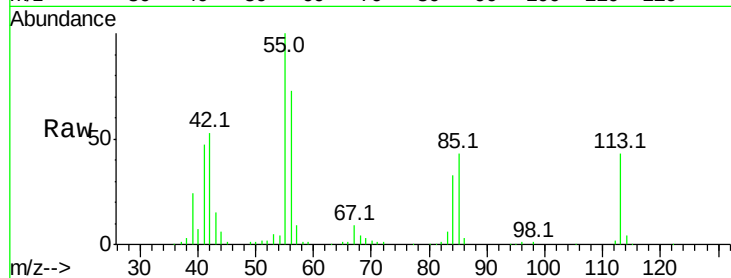
Tot Ion:113 Resp: 114979

Ion Ratio Lower Upper

113 100

55 233.4 119.2 159.2#

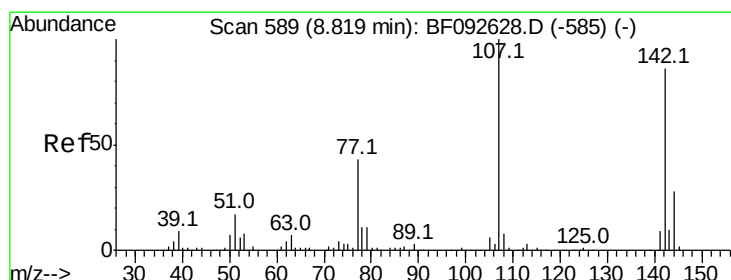
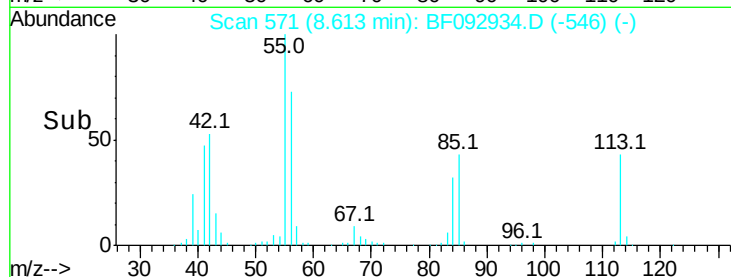
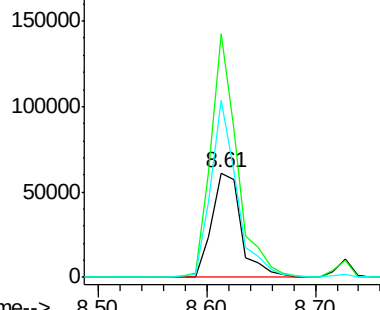
56 169.8 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.19 ng

RT: 8.73 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

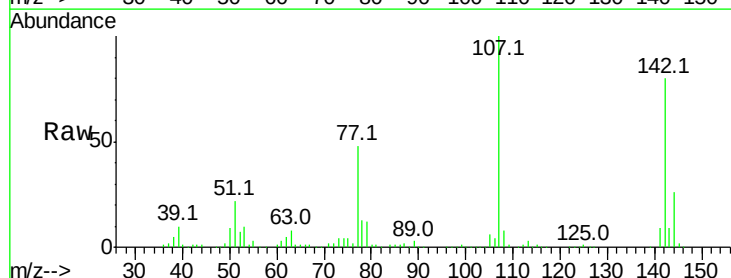
Tgt Ion:107 Resp: 381951

Ion Ratio Lower Upper

107 100

144 25.8 19.3 28.9

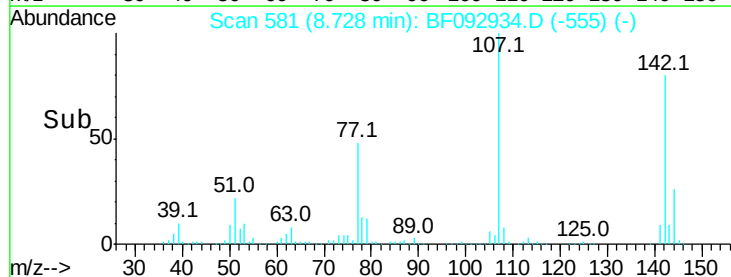
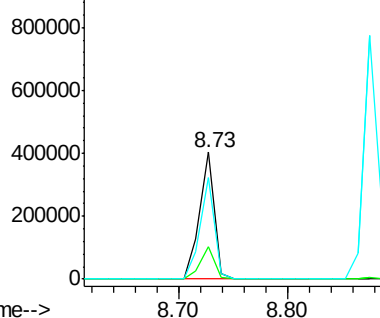
142 79.8 59.0 88.6

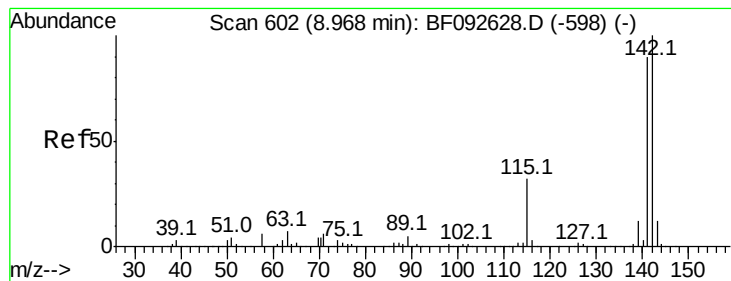


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.36 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

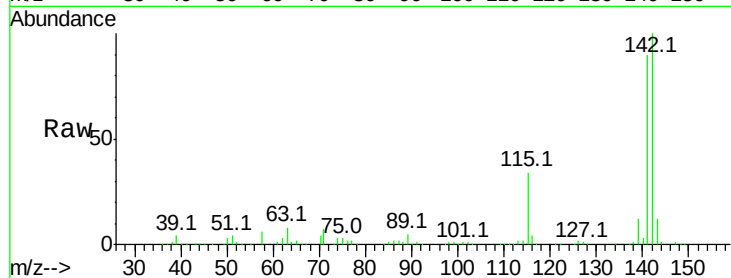
Tot Ion:142 Resp: 733072

Ion Ratio Lower Upper

142 100

141 89.7 71.0 106.6

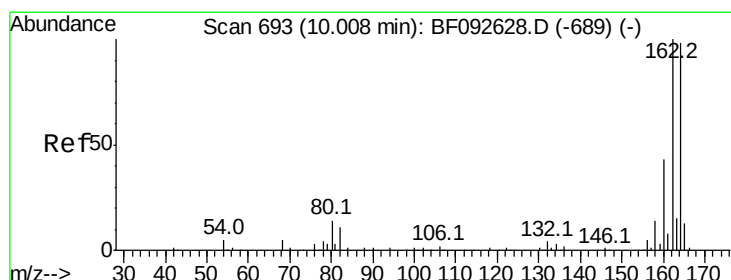
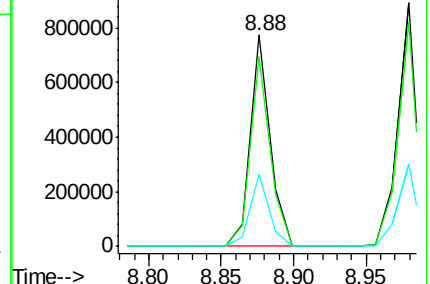
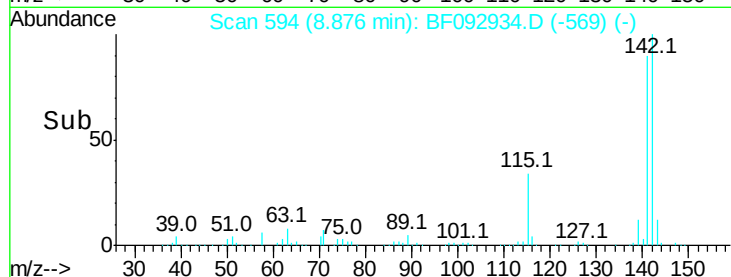
115 34.2 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

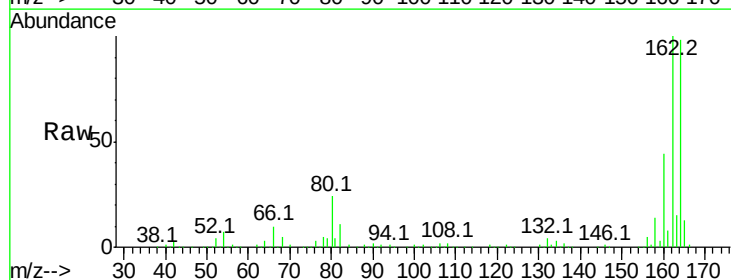
Tgt Ion:164 Resp: 329047

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

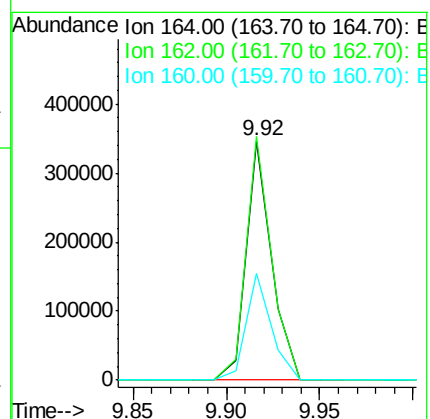
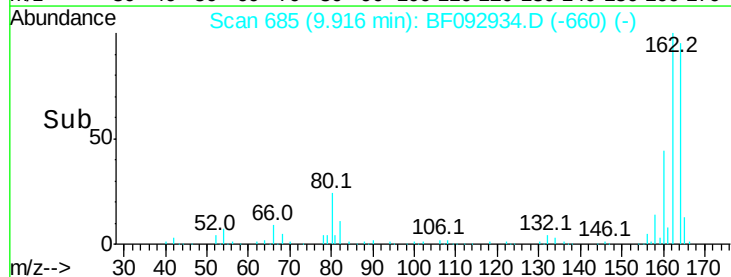
160 44.5 36.9 55.3

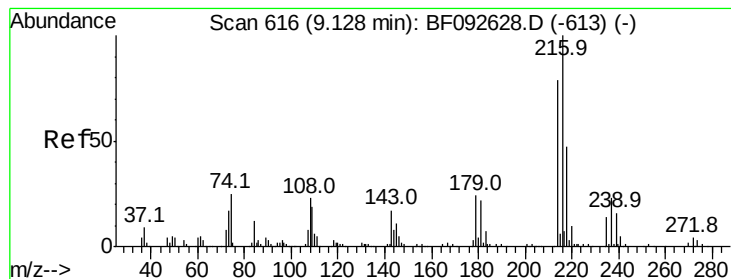


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.46 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 382965

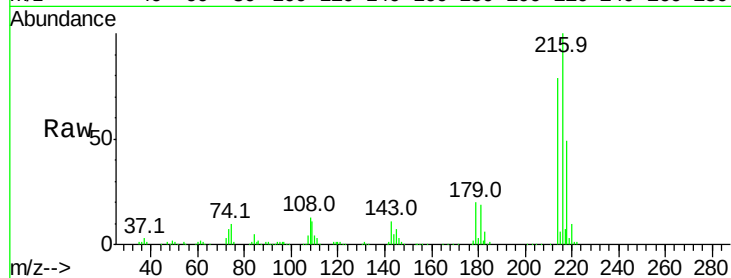
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.0

179 21.4 17.4 26.2

108 17.9 15.6 23.4

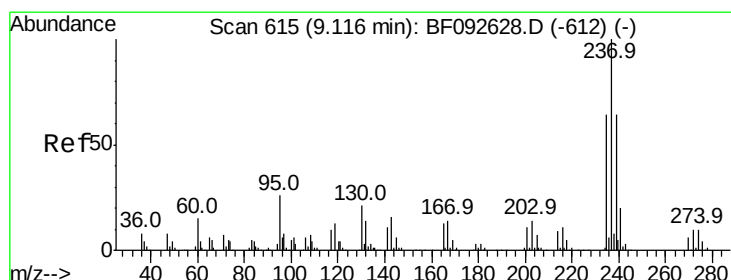
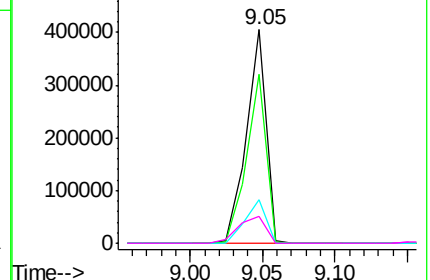
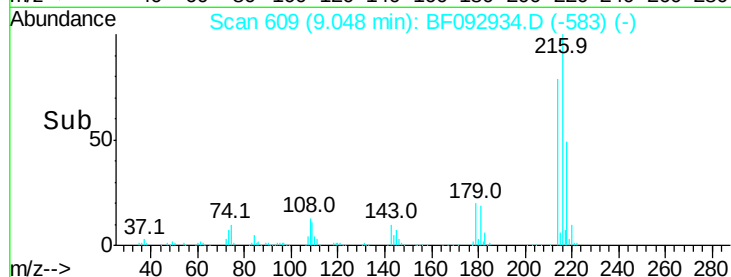


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.02 ng

RT: 9.04 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

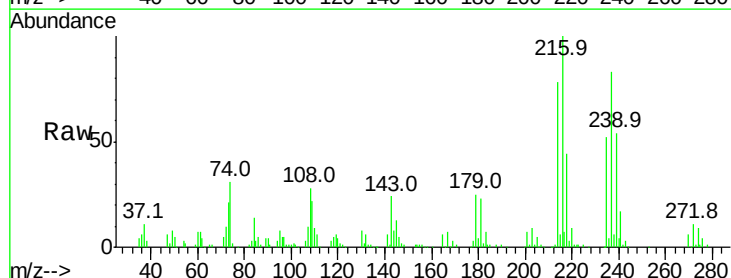
Tgt Ion:237 Resp: 150086

Ion Ratio Lower Upper

237 100

235 63.1 41.2 81.2

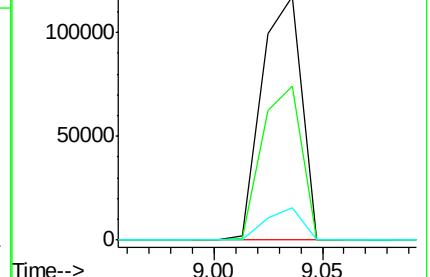
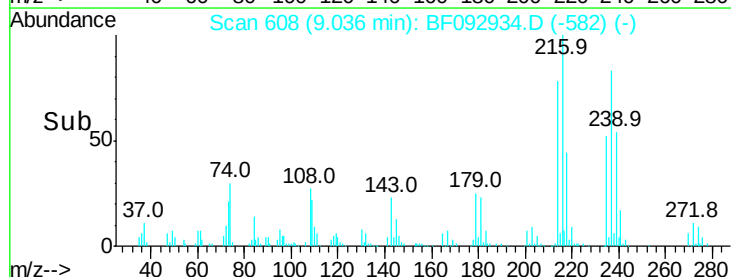
272 13.5 0.0 35.4

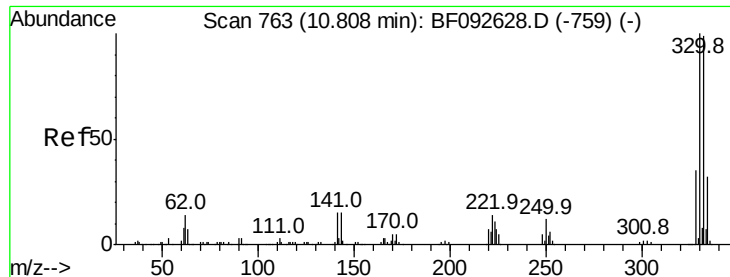


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

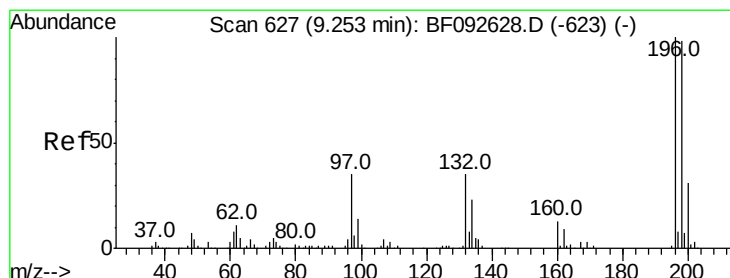
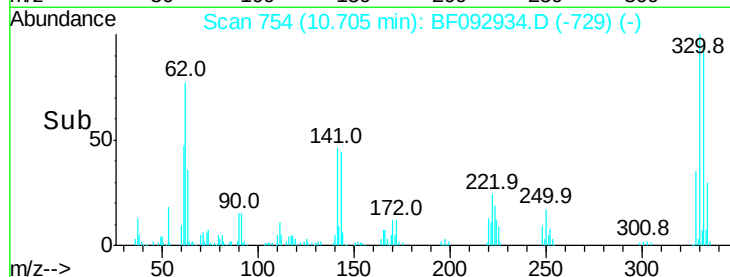
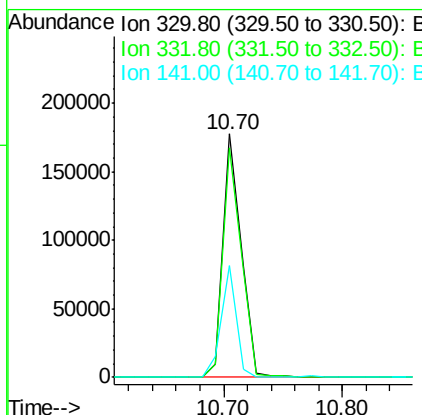
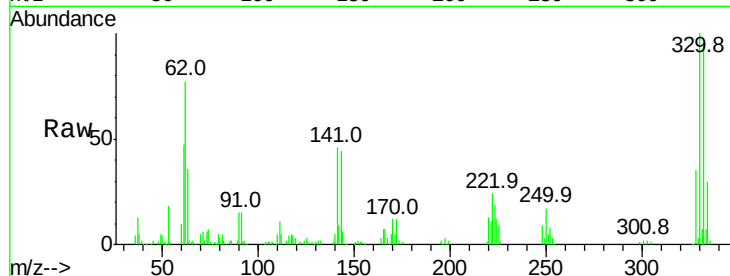




#41
 2,4,6-Tribromophenol
 Concen: 79.12 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

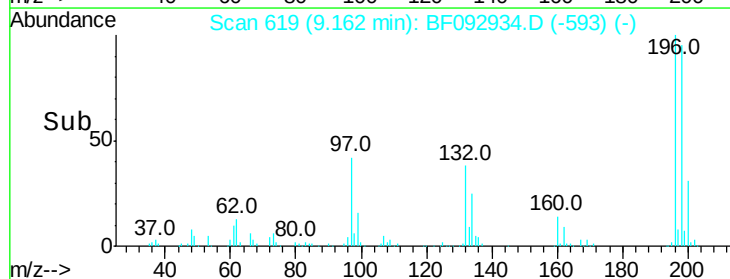
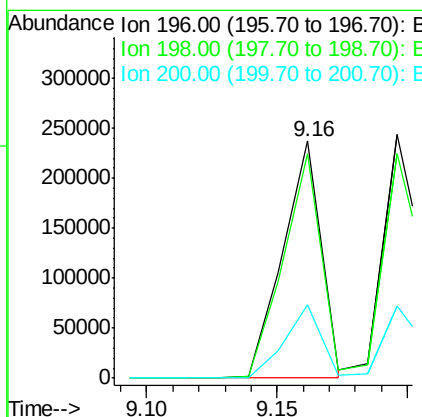
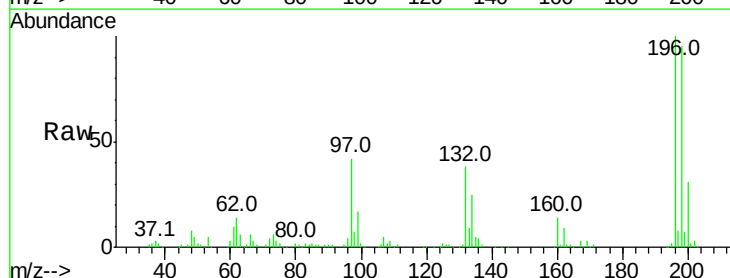
Instrument :
 BNA_F
 ClientSampleId :

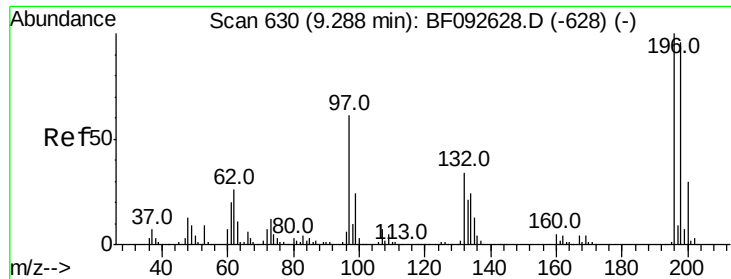
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.4	116.2
141	38.1	34.1	51.1



#42
 2,4,6-Trichlorophenol
 Concen: 39.76 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	82.1	123.1
200	30.8	27.0	40.4

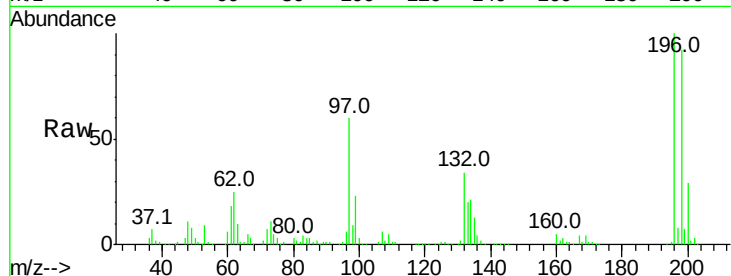




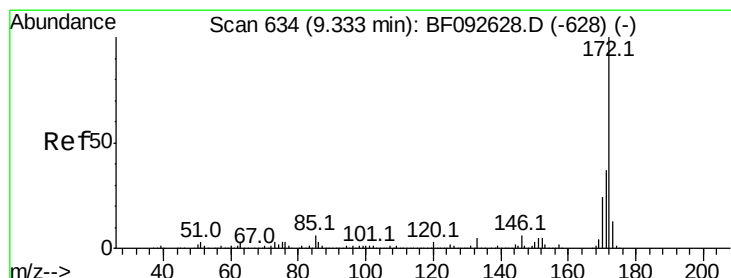
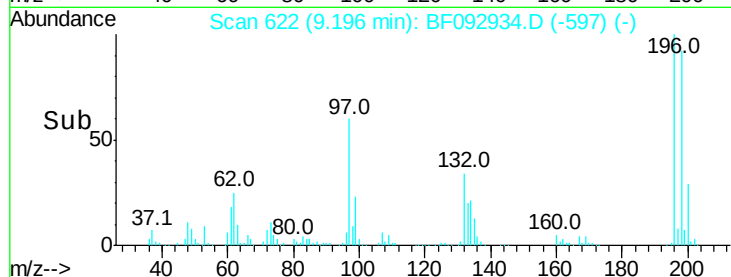
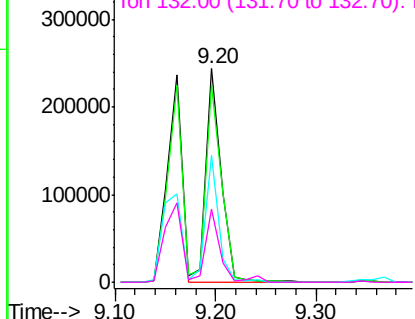
#43
 2,4,5-Trichlorophenol
 Concen: 38.50 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 256029
 Ion Ratio Lower Upper
 196 100
 198 92.1 79.4 119.2
 97 59.6 51.5 77.3
 132 33.9 27.4 41.2

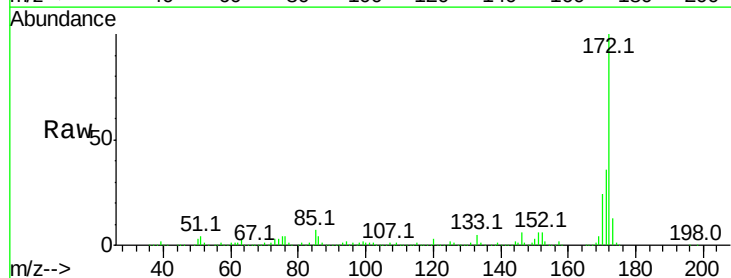


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

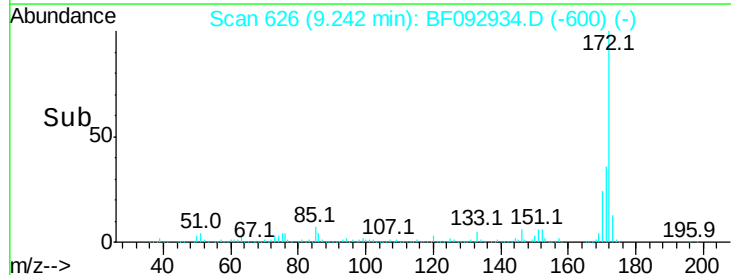
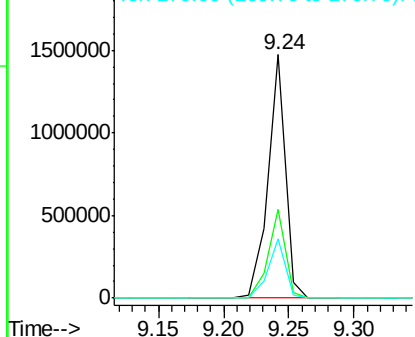


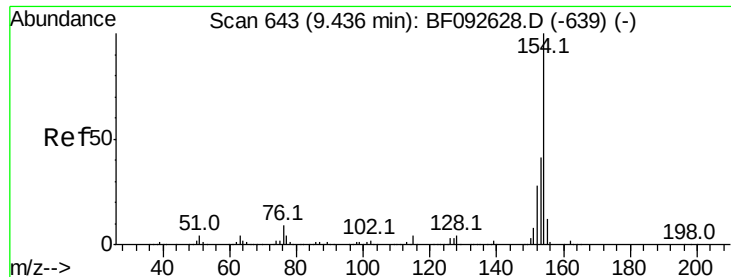
#44
 2-Fluorobiphenyl
 Concen: 75.86 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

Tgt Ion:172 Resp: 1377741
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 42.31 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

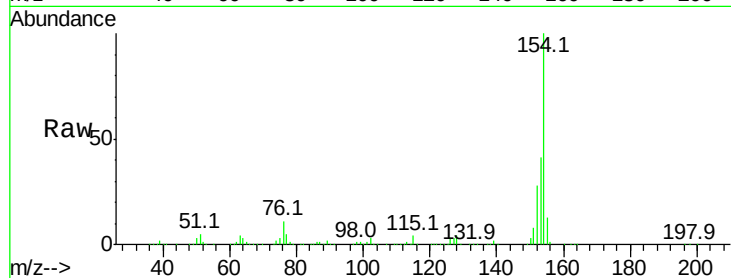
Tot Ion:154 Resp: 1008044

Ion Ratio Lower Upper

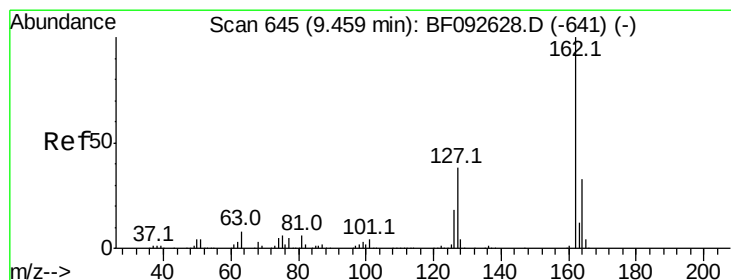
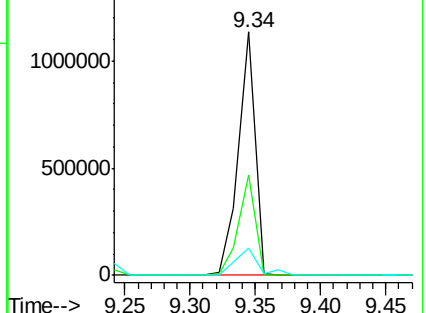
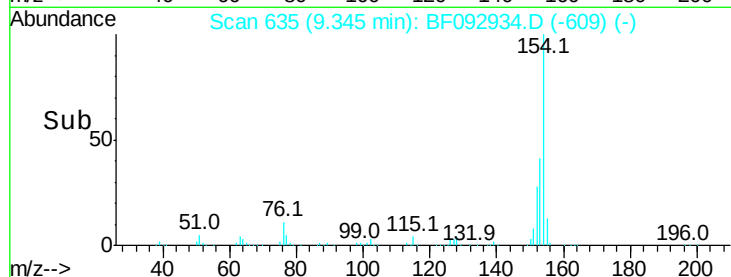
154 100

153 41.4 20.9 60.9

76 11.2 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: 40.55 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

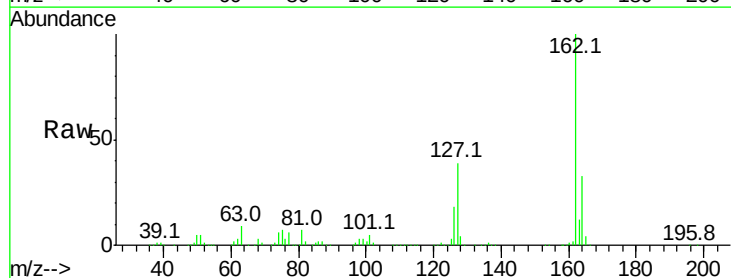
Tgt Ion:162 Resp: 755893

Ion Ratio Lower Upper

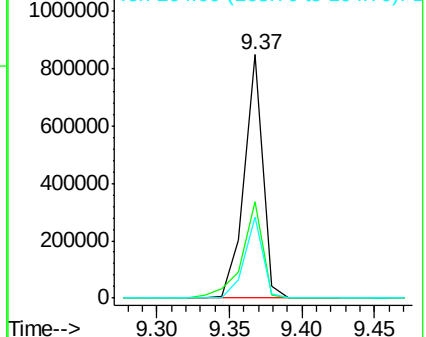
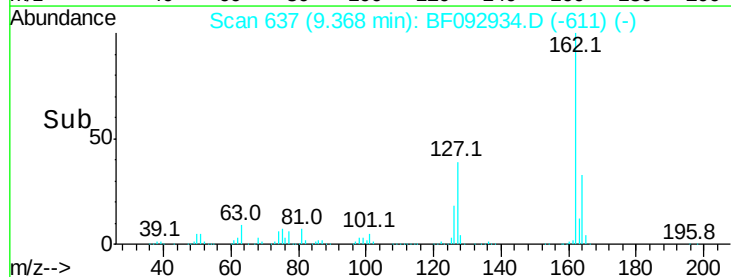
162 100

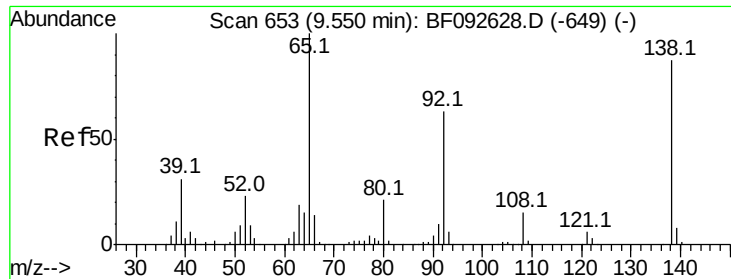
127 39.5 30.7 46.1

164 33.2 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

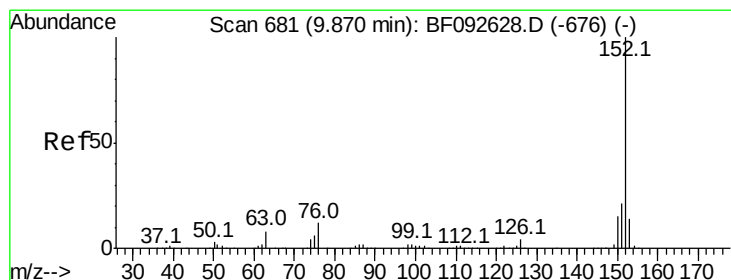
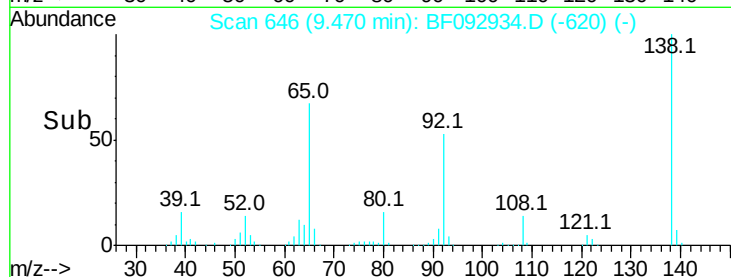
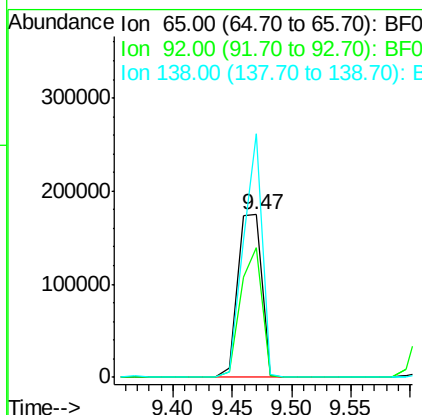
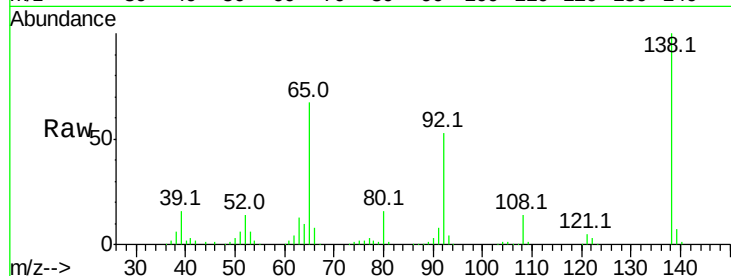




#47
2-Nitroaniline
Concen: 39.55 ng
RT: 9.47 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

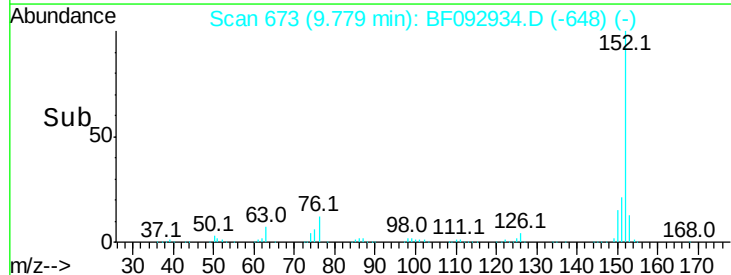
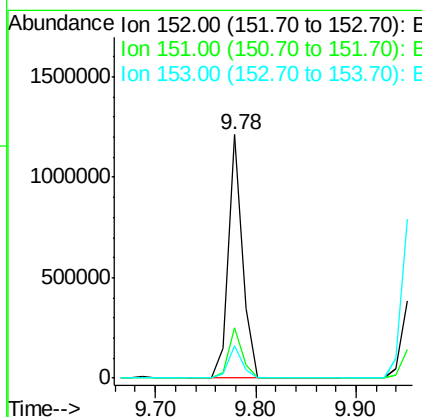
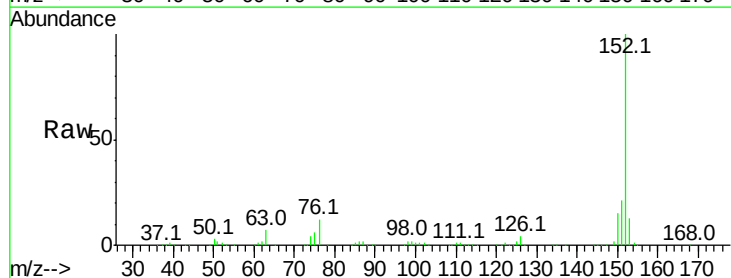
Instrument :
BNA_F
ClientSampleId :

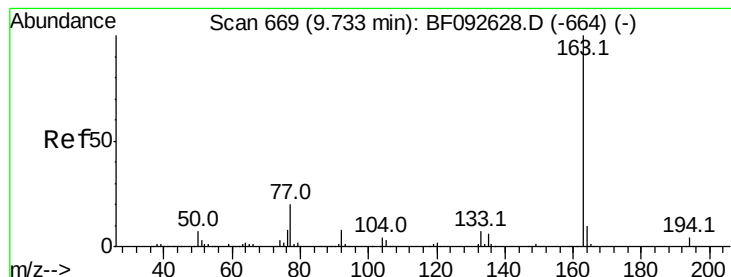
Tot Ion: 65 Resp: 247858
Ion Ratio Lower Upper
65 100
92 79.7 53.9 80.9
138 149.9 76.8 115.2#



#48
Acenaphthylene
Concen: 36.56 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

Tgt Ion:152 Resp: 1177128
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 13.3 11.4 17.2





#49

Dimethylphthalate

Concen: 37.72 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampled :

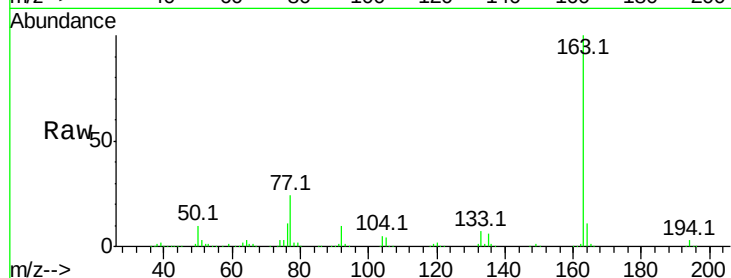
Tot Ion:163 Resp: 836057

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

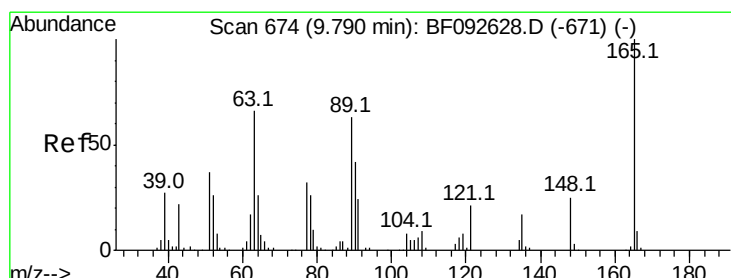
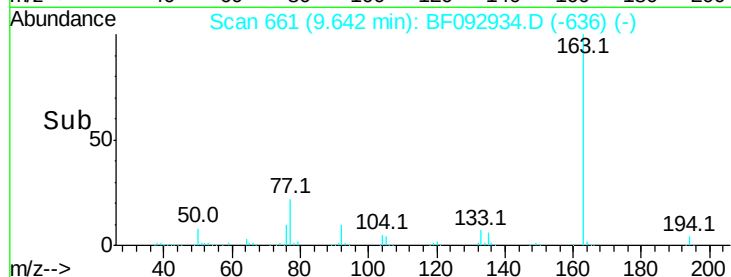
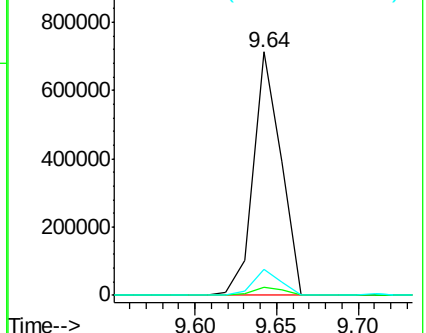
164 10.7 8.0 12.0



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: 46.36 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

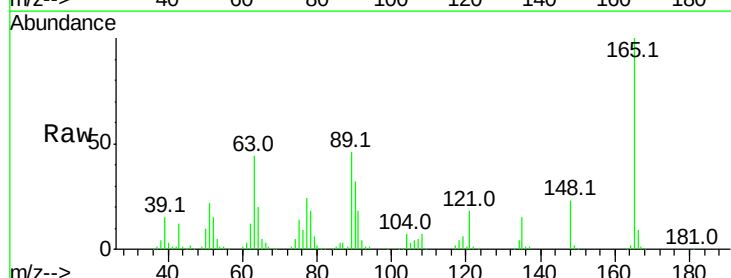
Tgt Ion:165 Resp: 221884

Ion Ratio Lower Upper

165 100

63 44.4 36.2 54.4

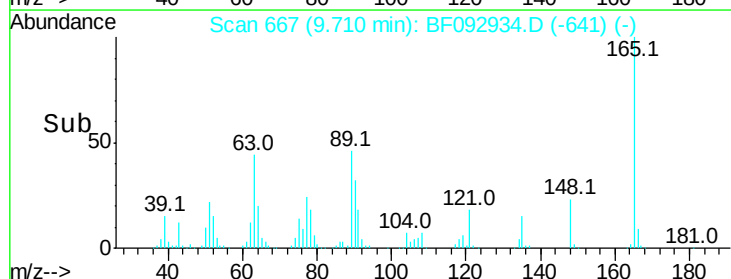
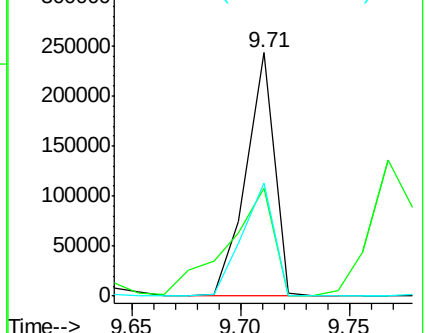
89 46.2 40.2 60.4

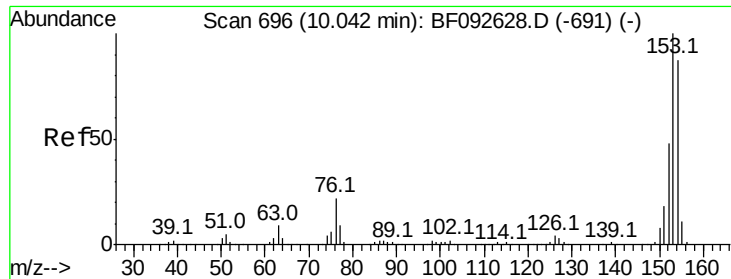


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.49 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

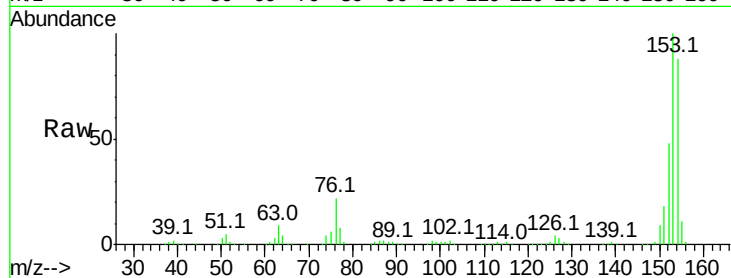
Tot Ion:154 Resp: 721755

Ion Ratio Lower Upper

154 100

153 113.5 88.6 133.0

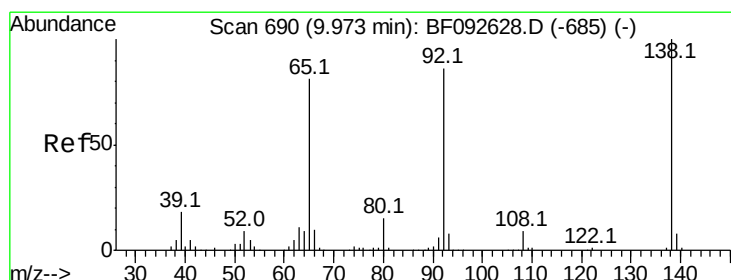
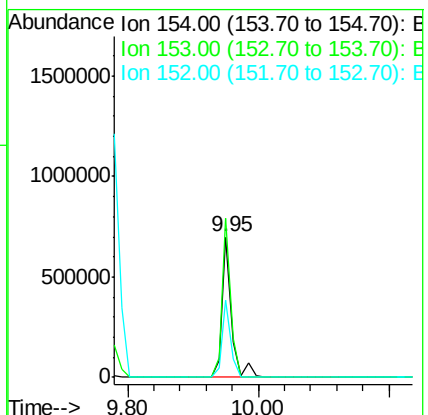
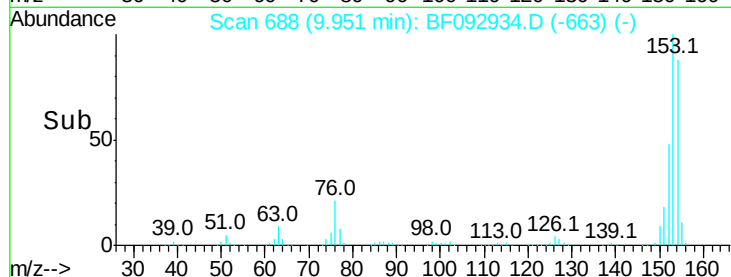
152 55.0 41.6 62.4



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: 46.30 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

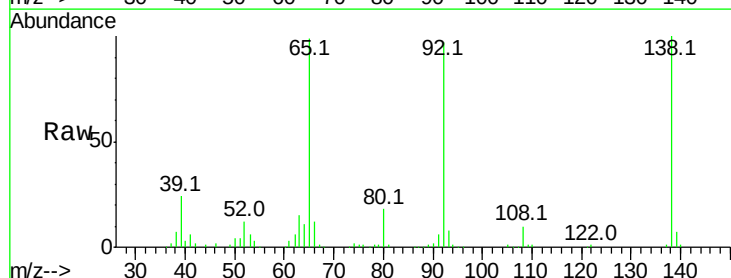
Tgt Ion:138 Resp: 253595

Ion Ratio Lower Upper

138 100

108 9.7 8.5 12.7

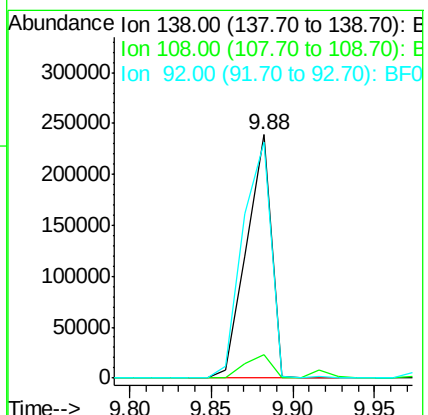
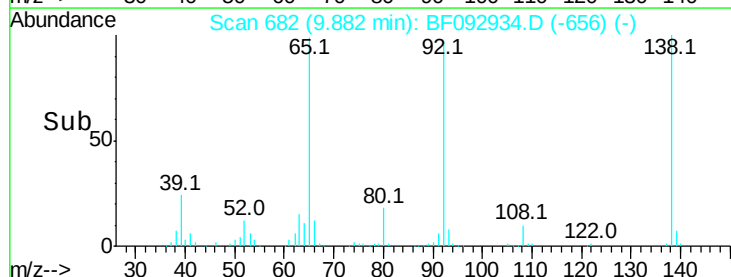
92 96.8 97.8 146.8#

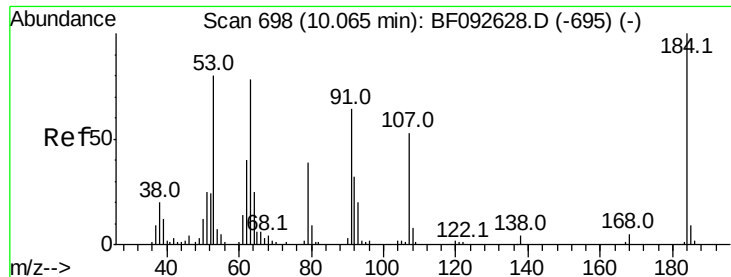


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

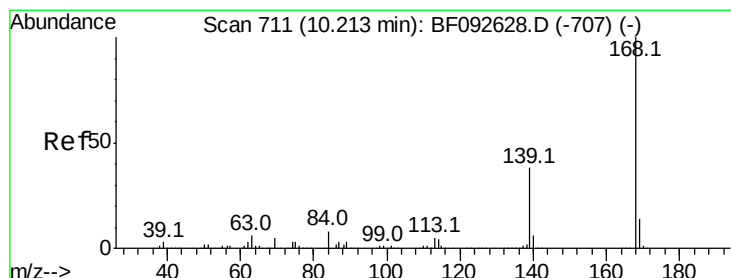
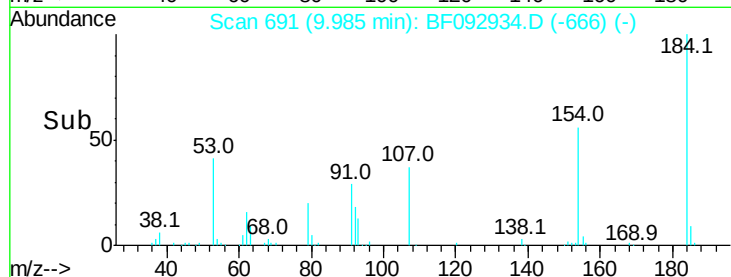
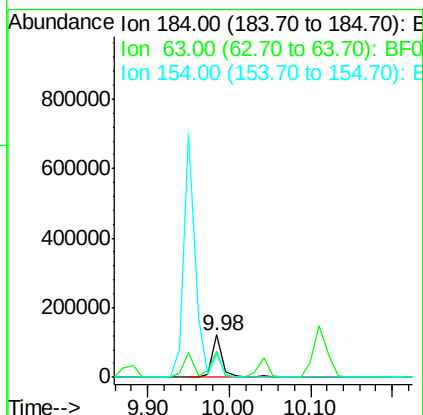
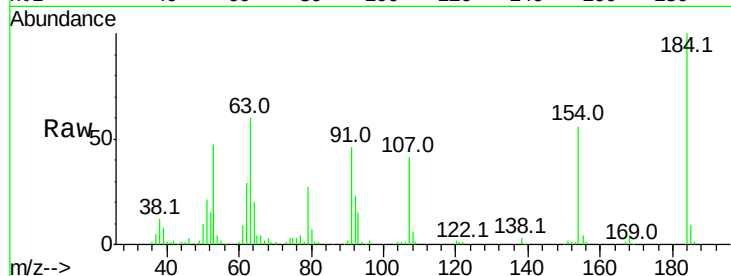




#53
 2,4-Dinitrophenol
 Concen: 47.66 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

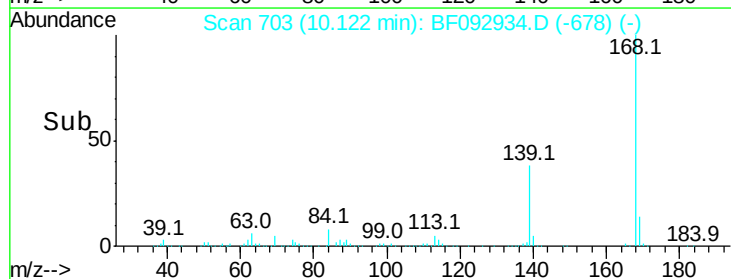
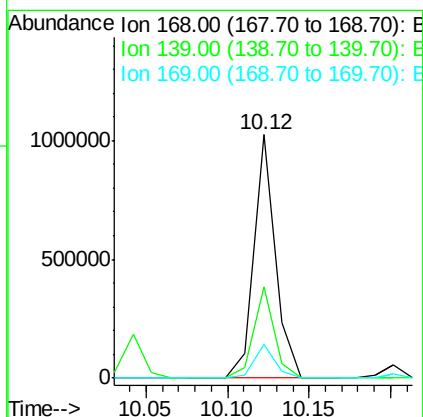
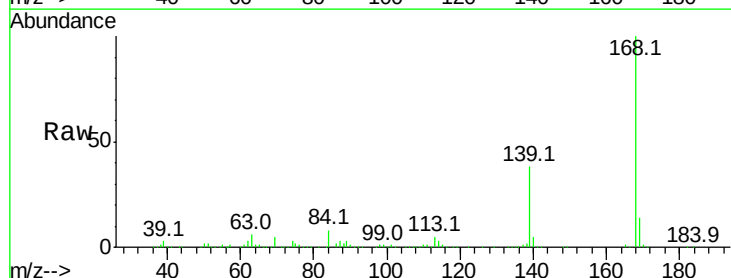
Instrument :
 BNA_F
 ClientSampleId :

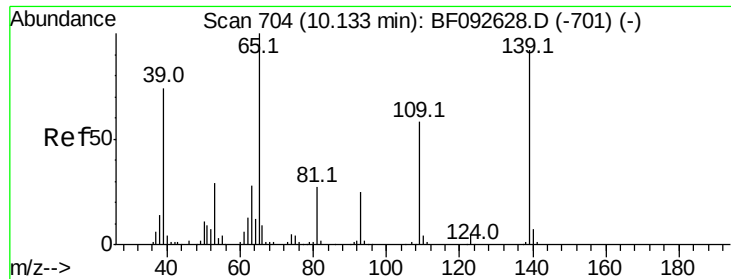
Tot Ion:184 Resp: 111105
 Ion Ratio Lower Upper
 184 100
 63 60.5 28.4 42.6#
 154 56.5 44.3 66.5



#54
 Dibenzofuran
 Concen: 36.39 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

Tgt Ion:168 Resp: 936876
 Ion Ratio Lower Upper
 168 100
 139 37.6 32.6 49.0
 169 13.9 11.3 16.9

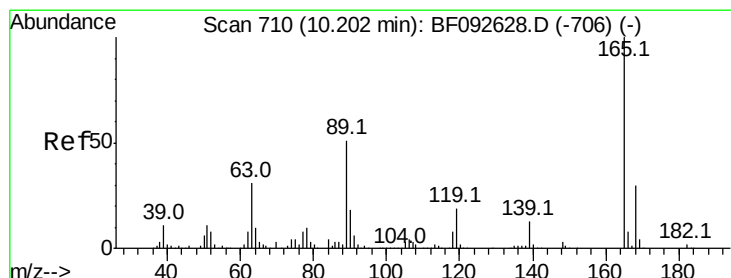
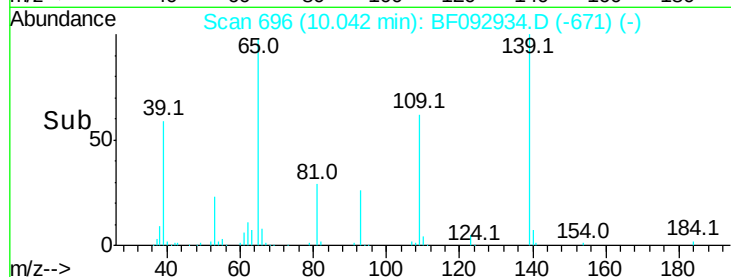
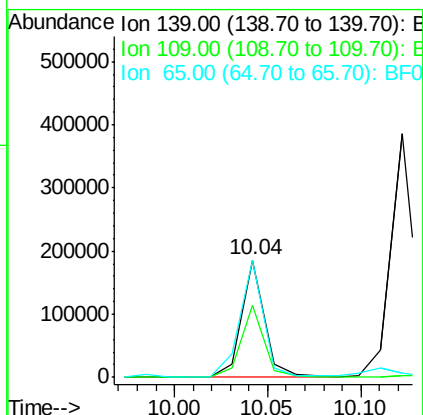
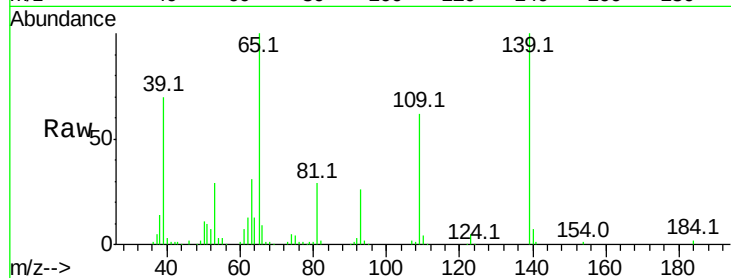




#55
4-Nitrophenol
Concen: 40.98 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

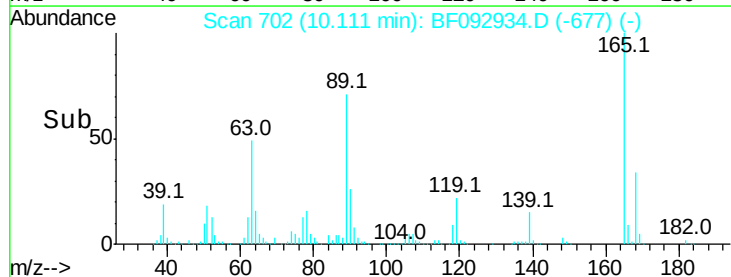
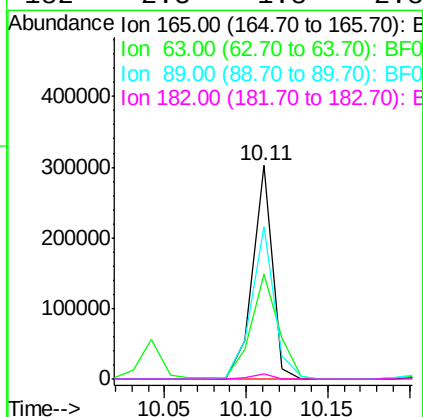
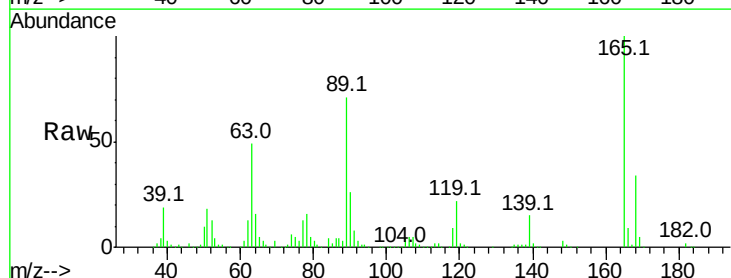
Instrument :
BNA_F
ClientSampled :

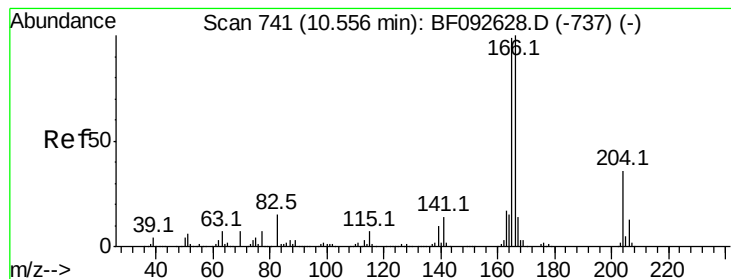
Tot Ion:139 Resp: 161671
Ion Ratio Lower Upper
139 100
109 61.6 52.2 92.2
65 99.8 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 40.05 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

Tgt Ion:165 Resp: 255196
Ion Ratio Lower Upper
165 100
63 49.2 40.2 60.4
89 71.1 62.5 93.7
182 2.3 1.8 2.8





#57

Fluorene

Concen: 38.06 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampled :

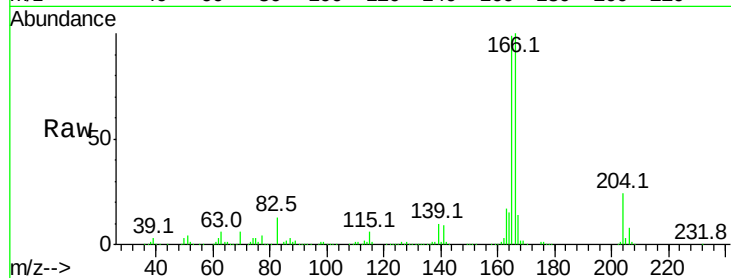
Tot Ion:166 Resp: 753988

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

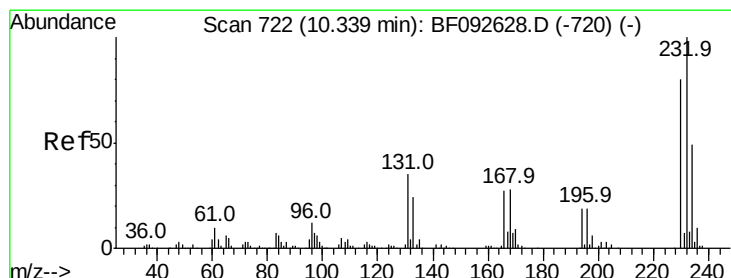
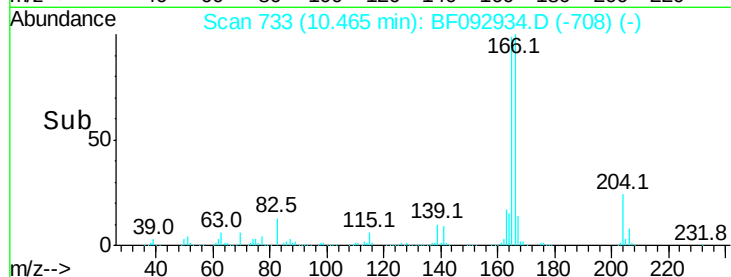
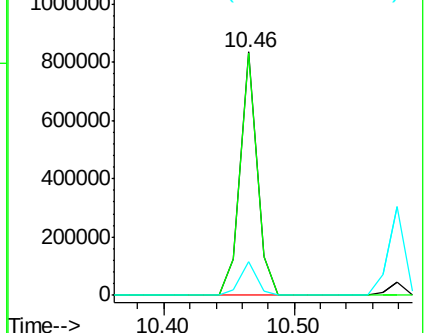
167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.05 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Tgt Ion:232 Resp: 190989

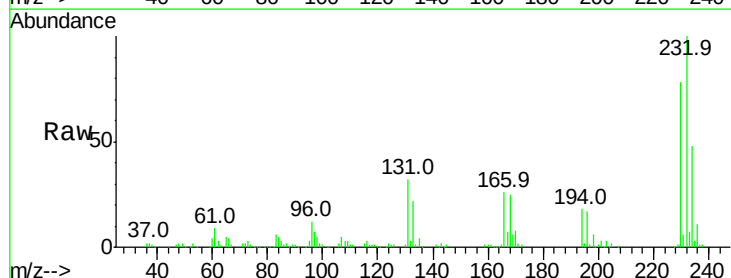
Ion Ratio Lower Upper

232 100

131 44.6 40.1 60.1

130 2.1 1.8 2.8

166 30.7 26.6 39.8

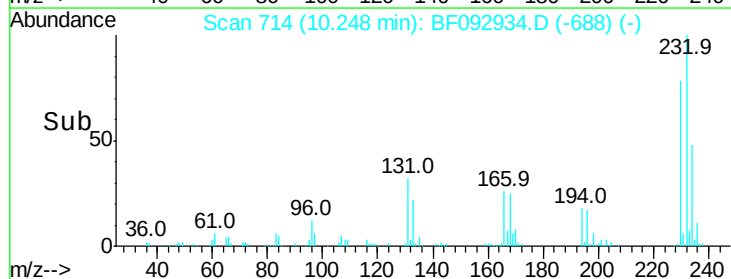
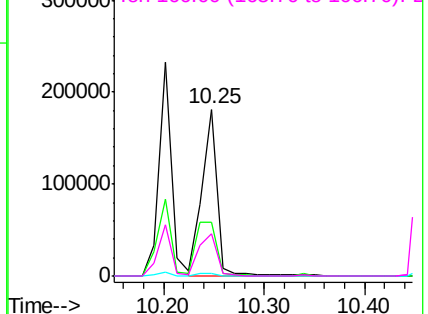


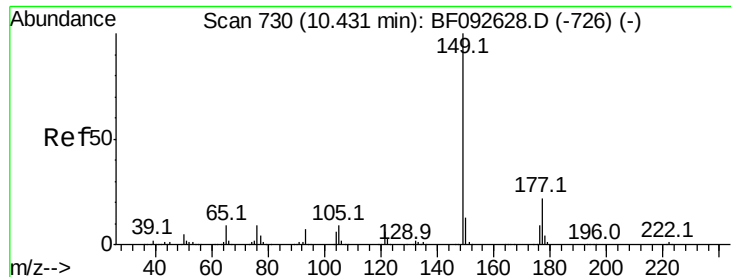
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

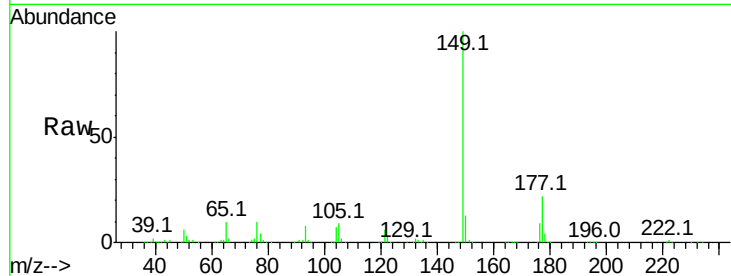




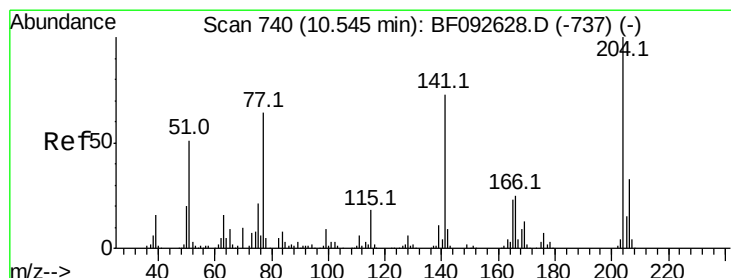
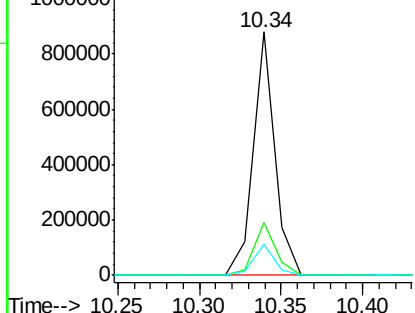
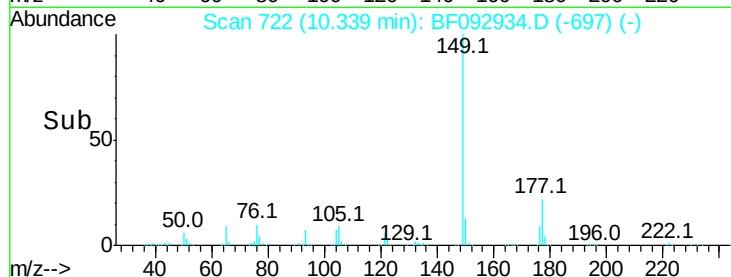
#59
Diethylphthalate
Concen: 38.63 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 806862
Ion Ratio Lower Upper
149 100
177 21.6 16.6 25.0
150 12.7 10.4 15.6

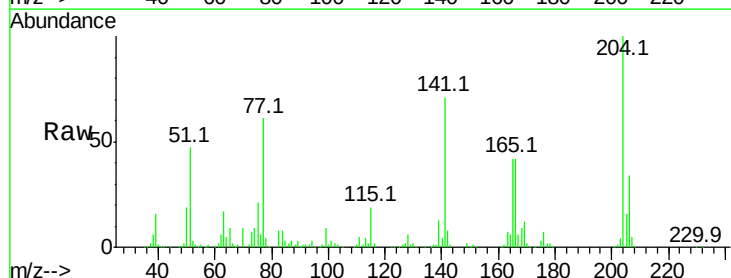


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

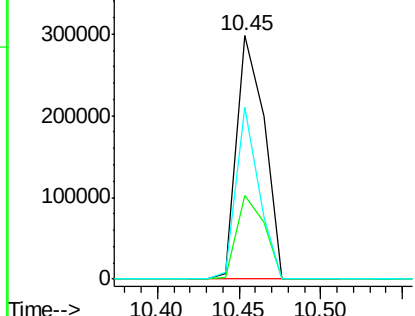
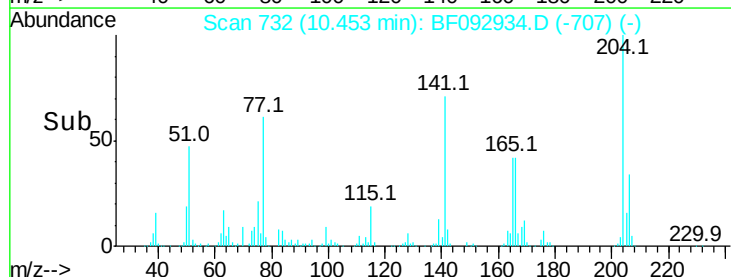


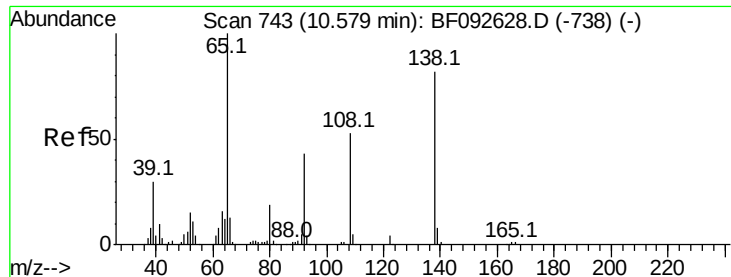
#60
4-Chlorophenyl-phenylether
Concen: 36.52 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

Tgt Ion:204 Resp: 347509
Ion Ratio Lower Upper
204 100
206 34.5 25.8 38.6
141 70.6 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.33 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampled :

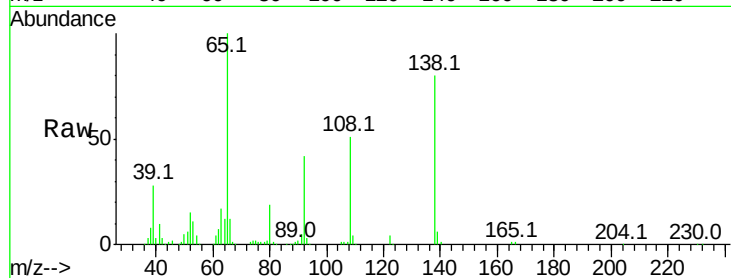
Tot Ion:138 Resp: 215047

Ion Ratio Lower Upper

138 100

92 52.1 31.7 71.7

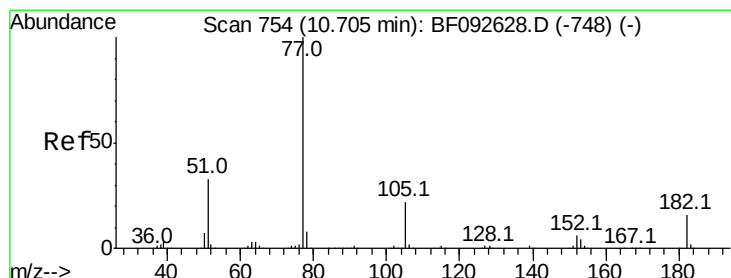
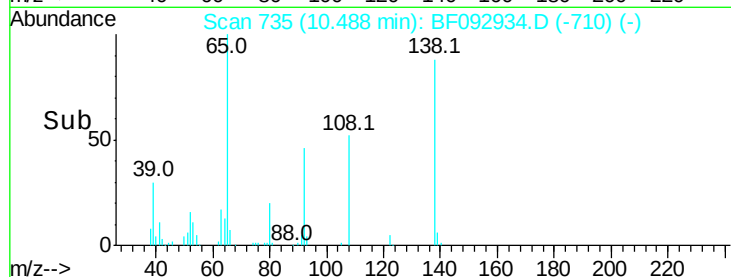
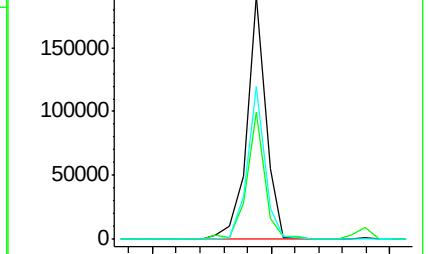
108 63.0 52.6 92.6



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: 39.03 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Tgt Ion: 77 Resp: 842150

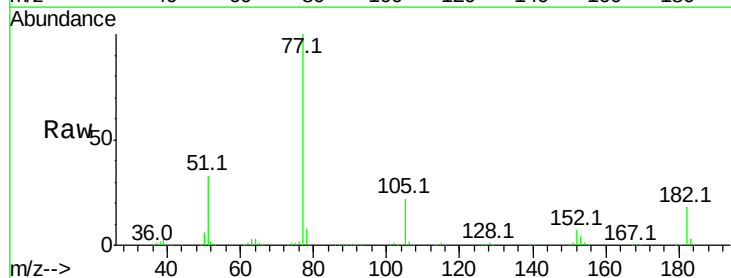
Ion Ratio Lower Upper

77 100

182 17.8 0.0 39.3

105 22.4 2.3 42.3

51 32.7 8.9 48.9

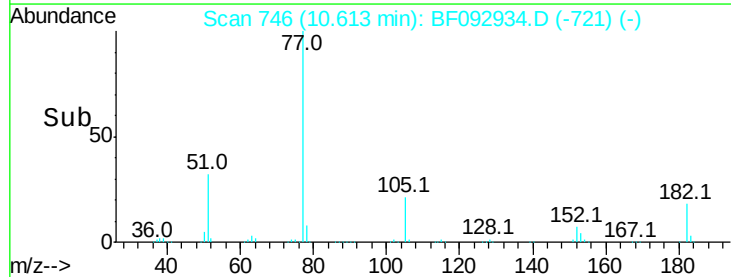
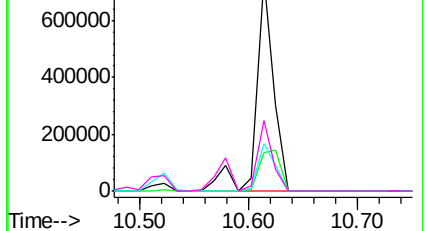


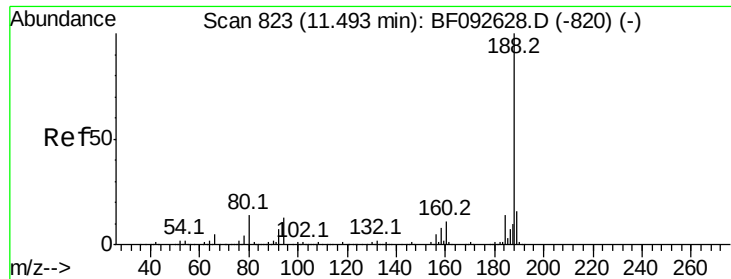
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

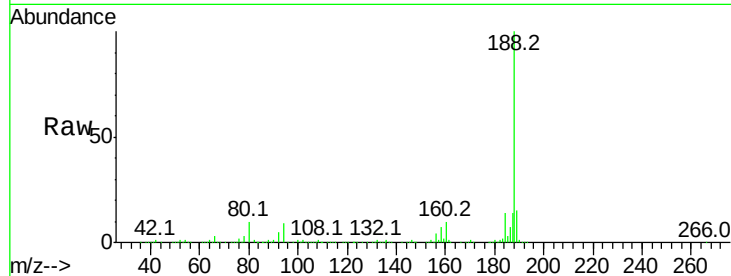
Tot Ion:188 Resp: 568551

Ion Ratio Lower Upper

188 100

94 9.4 10.0 15.0#

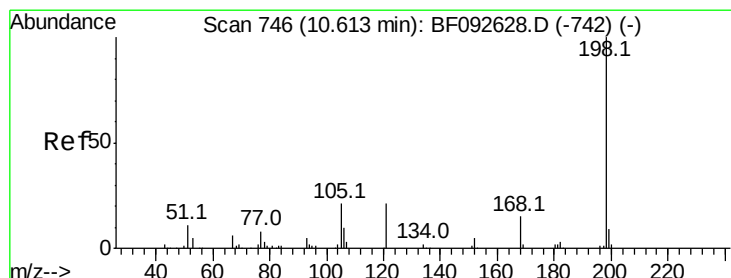
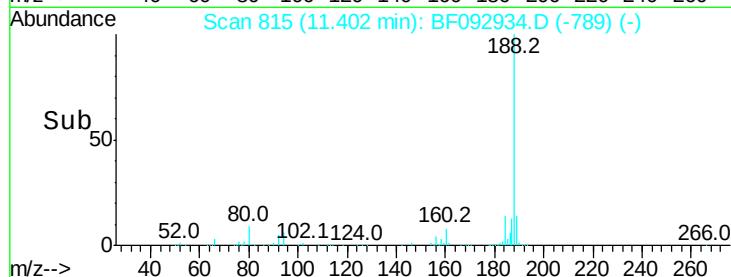
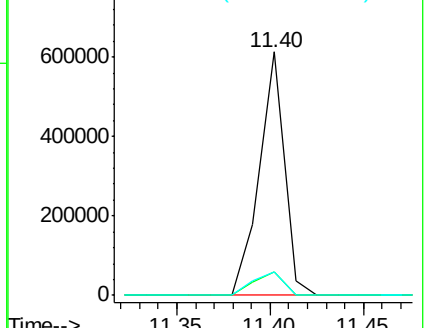
80 9.7 11.2 16.8#



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: 46.61 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

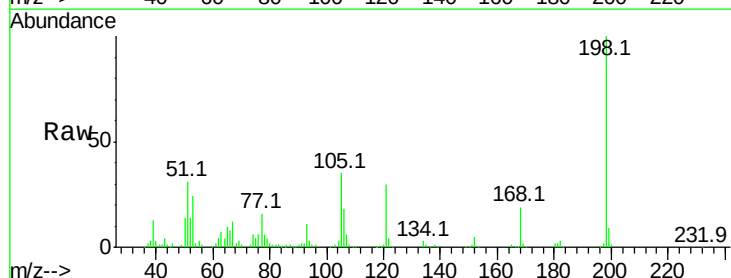
Tgt Ion:198 Resp: 161025

Ion Ratio Lower Upper

198 100

51 31.4 6.7 46.7

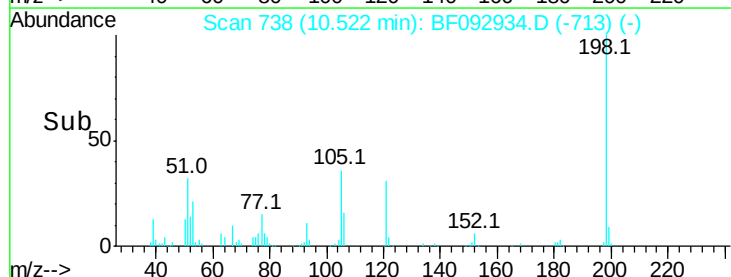
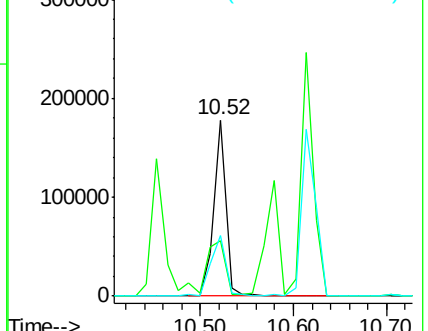
105 34.7 16.6 56.6

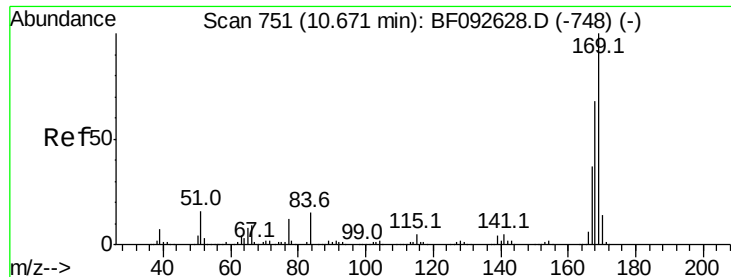


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.24 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

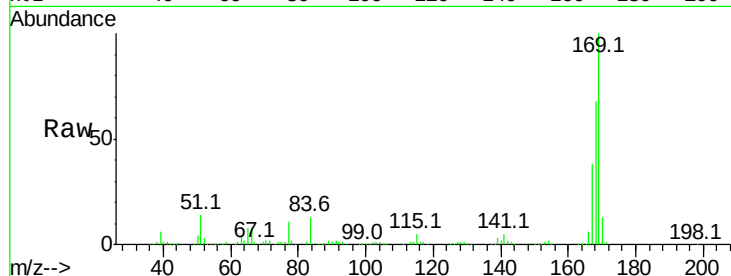
Tot Ion:169 Resp: 712672

Ion Ratio Lower Upper

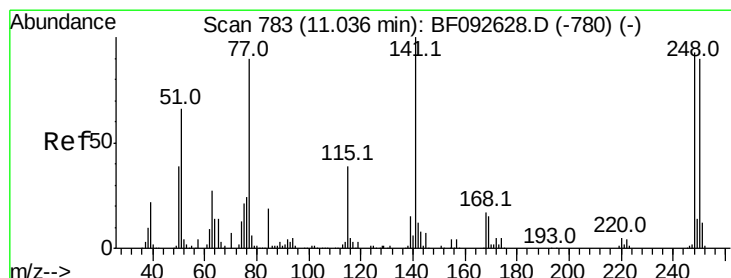
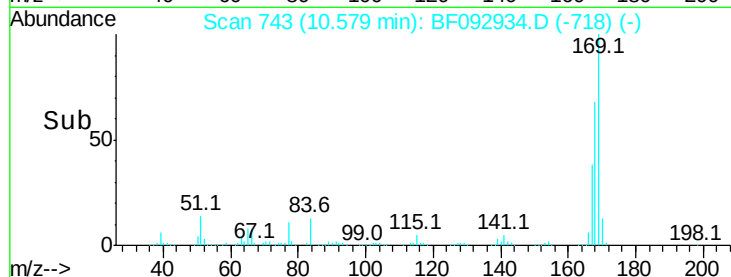
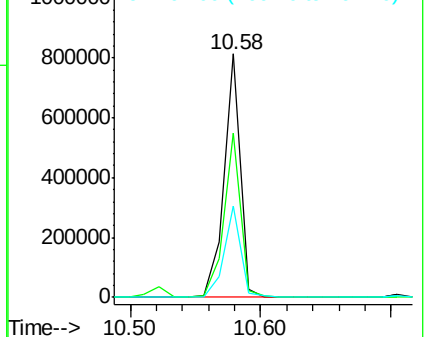
169 100

168 67.6 54.2 81.2

167 37.6 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.09 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

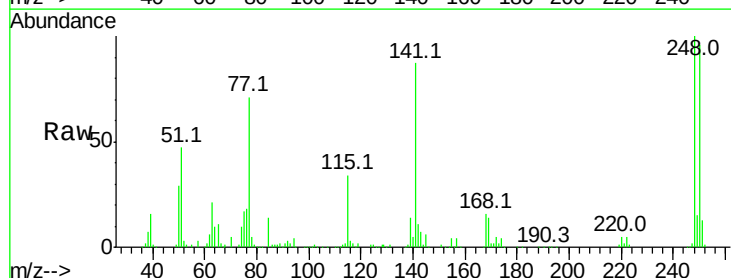
Tgt Ion:248 Resp: 214374

Ion Ratio Lower Upper

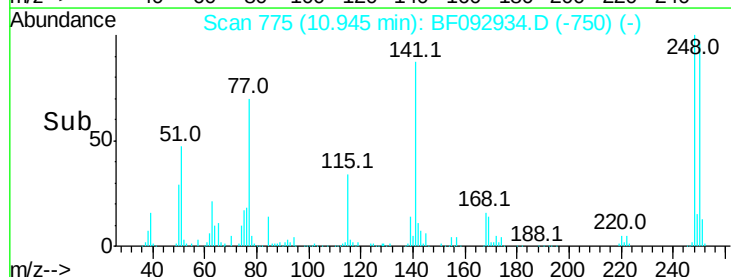
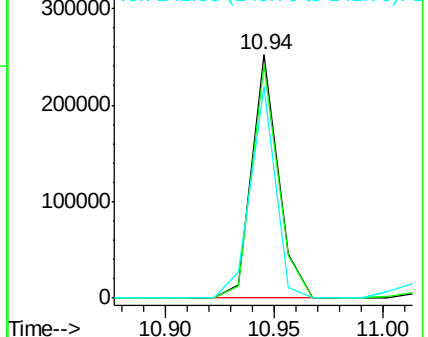
248 100

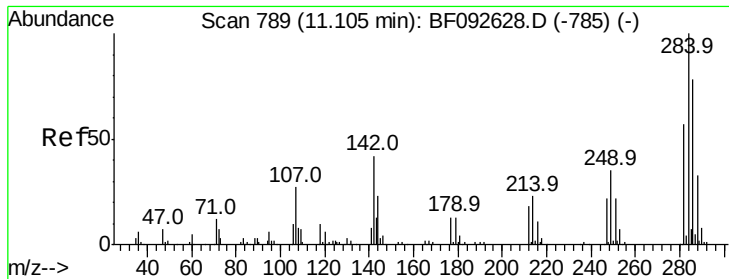
250 96.0 76.9 115.3

141 86.9 68.2 102.4



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

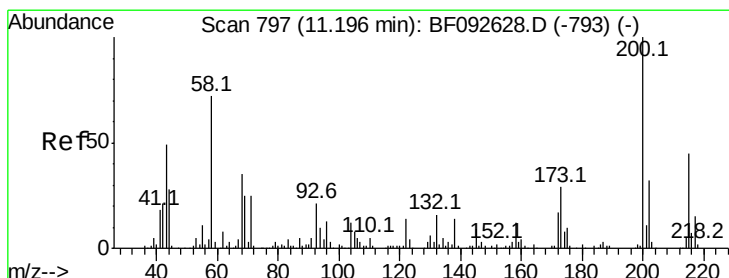
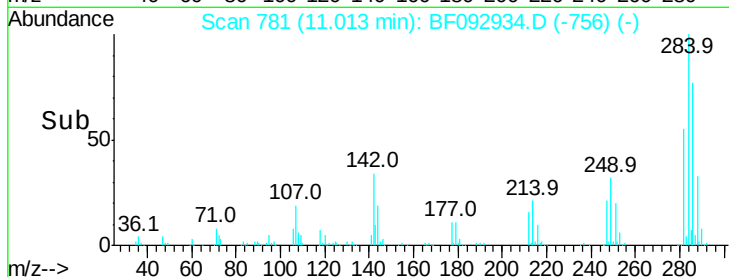
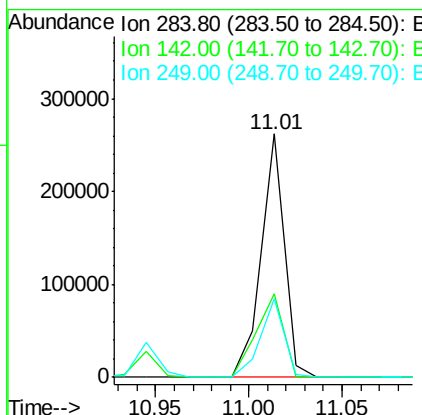
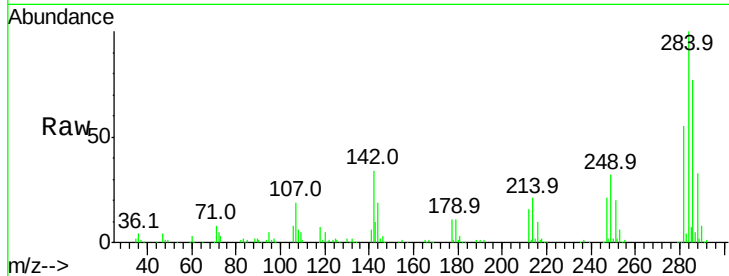




#67
Hexachlorobenzene
Concen: 38.17 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

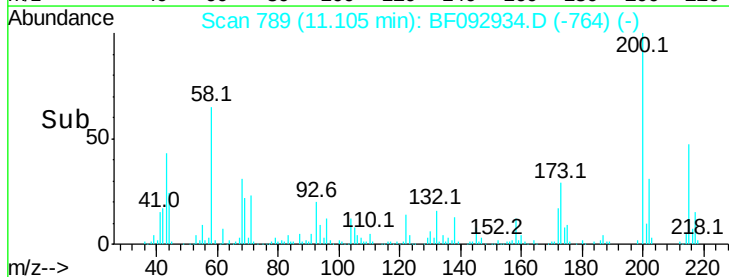
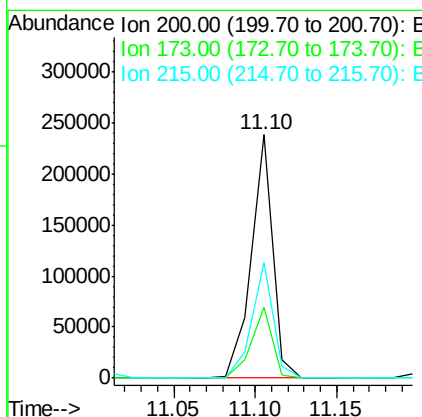
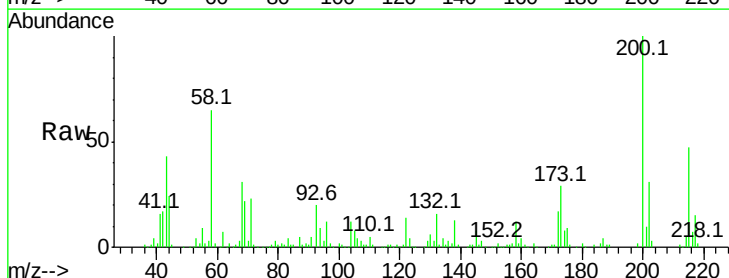
Instrument :
BNA_F
ClientSampleId :

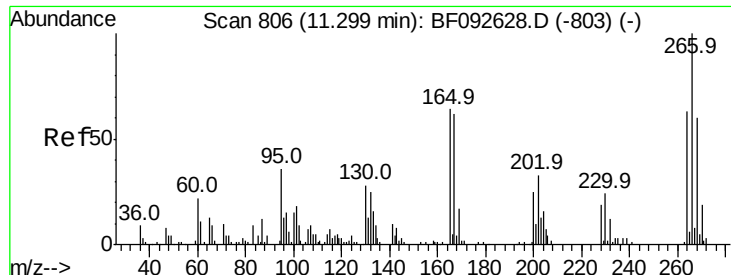
Tot Ion	Ratio	Lower	Upper
284	100		
142	34.2	22.6	33.8#
249	32.3	25.4	38.0



#68
Atrazine
Concen: 37.38 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.1	9.6	49.6
215	47.3	25.7	65.7

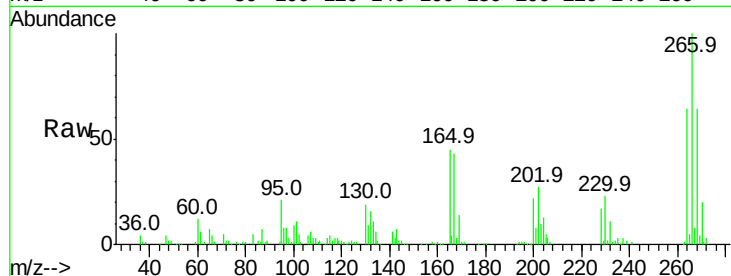




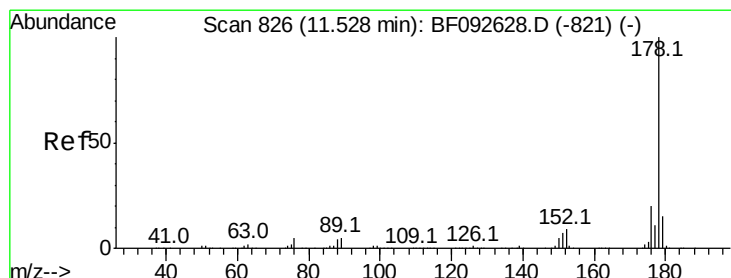
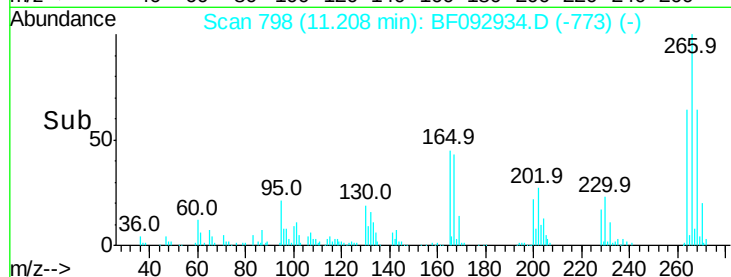
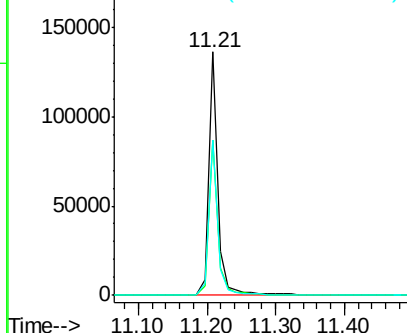
#69
 Pentachlorophenol
 Concen: 45.76 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	53.3	79.9
264	63.9	50.3	75.5

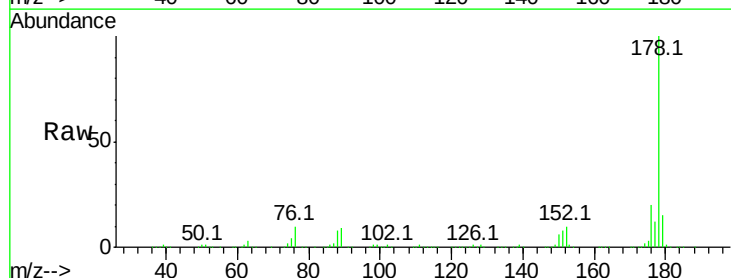


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

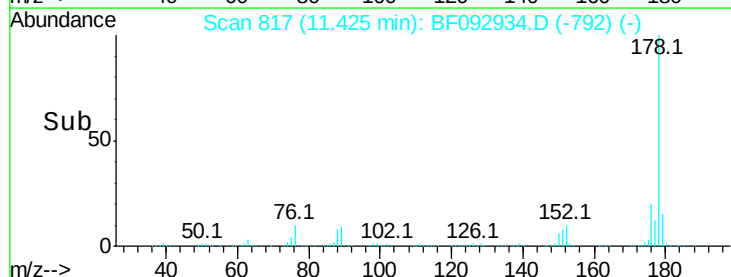
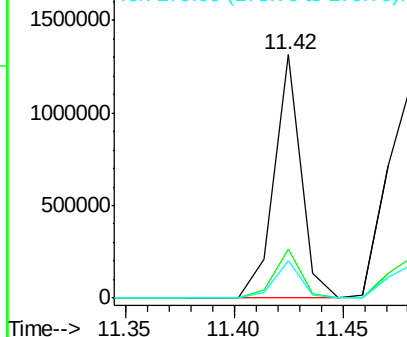


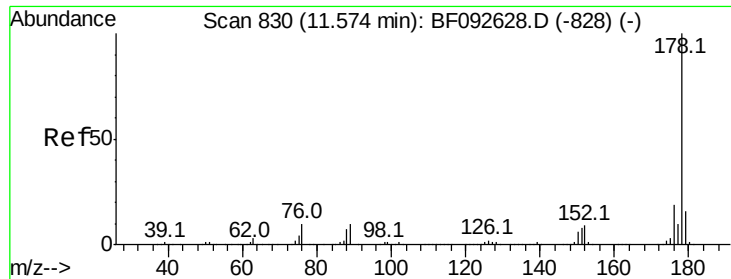
#70
 Phenanthrene
 Concen: 35.05 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.5	12.8	19.2



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

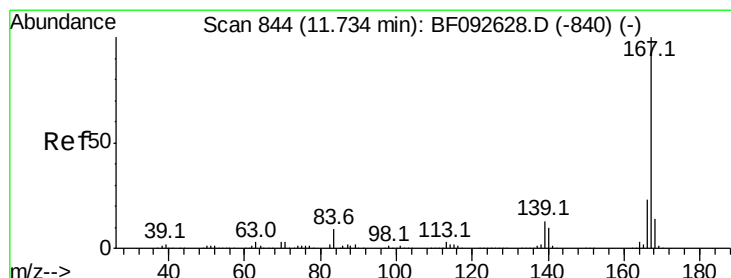
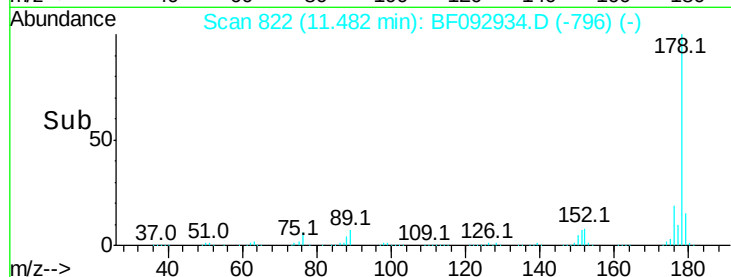
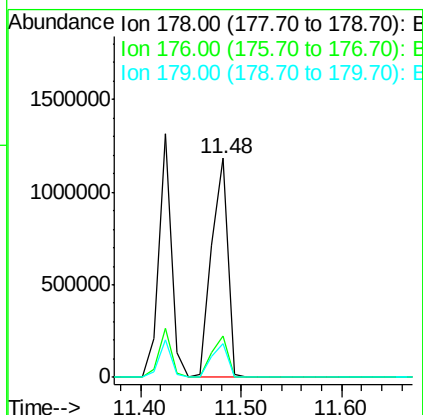
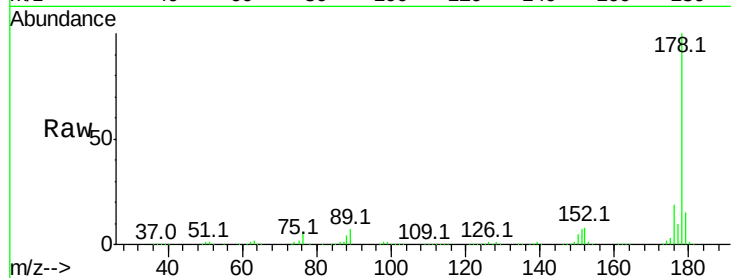




#71
 Anthracene
 Concen: 40.55 ng
 RT: 11.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

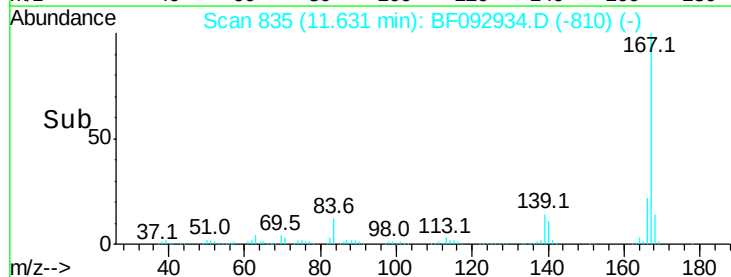
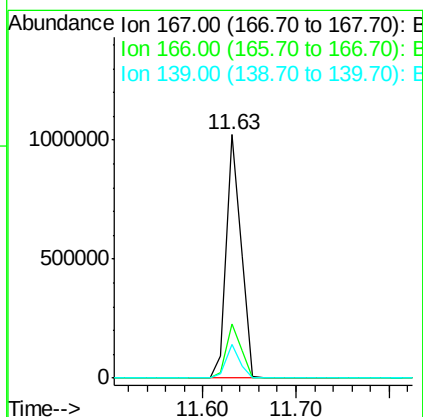
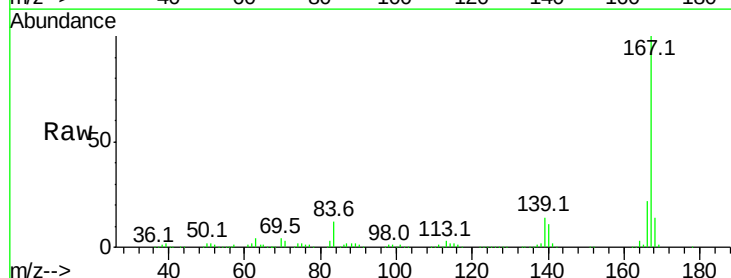
Instrument :
 BNA_F
 ClientSampleId :

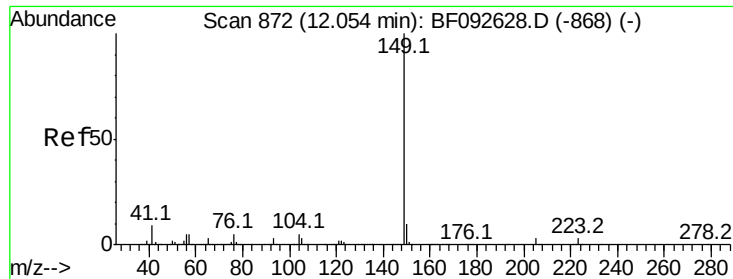
Tot Ion:178 Resp: 1326326
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.9 23.9
 179 15.3 13.2 19.8



#72
 Carbazole
 Concen: 36.01 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

Tgt Ion:167 Resp: 1126112
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 13.8 11.4 17.2





#73

Di-n-butylphthalate

Concen: 40.66 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

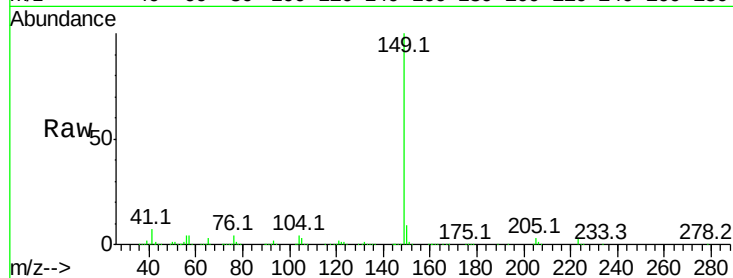
Tot Ion:149 Resp: 1374950

Ion Ratio Lower Upper

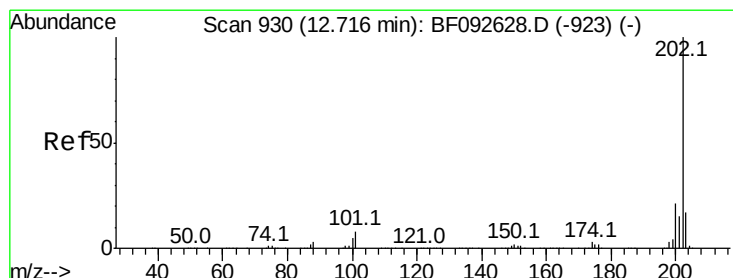
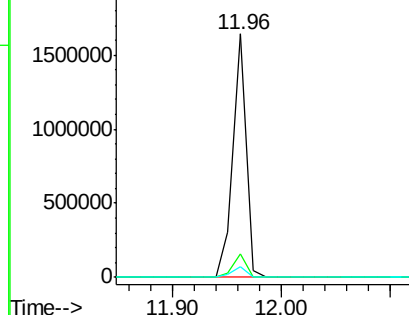
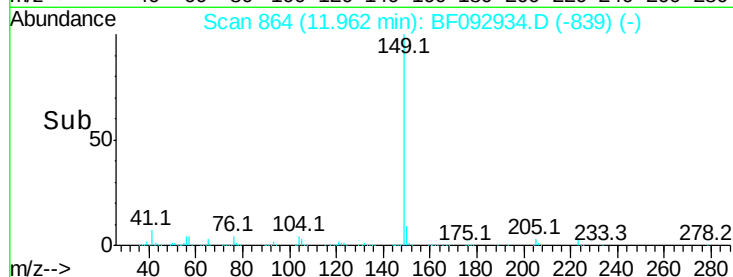
149 100

150 9.4 8.1 12.1

104 4.3 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.04 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

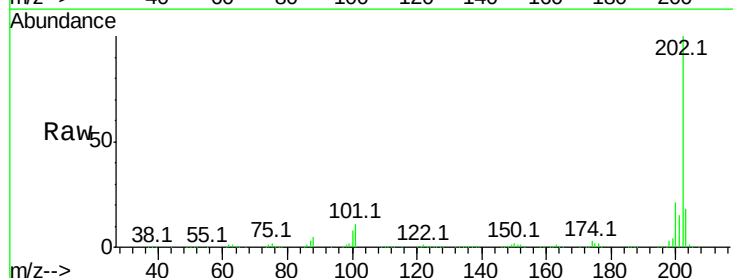
Tgt Ion:202 Resp: 1311587

Ion Ratio Lower Upper

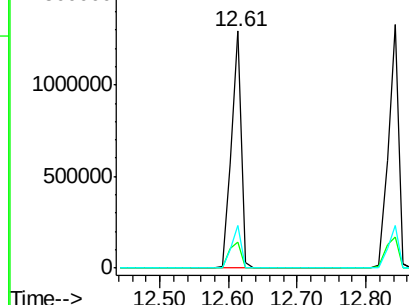
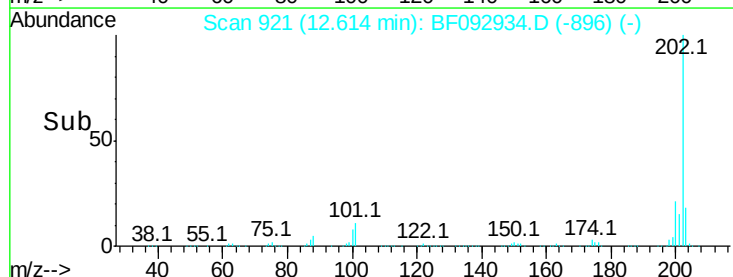
202 100

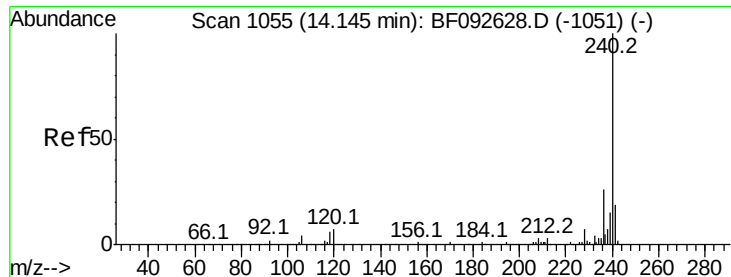
101 10.9 0.0 34.6

203 17.7 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: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampled :

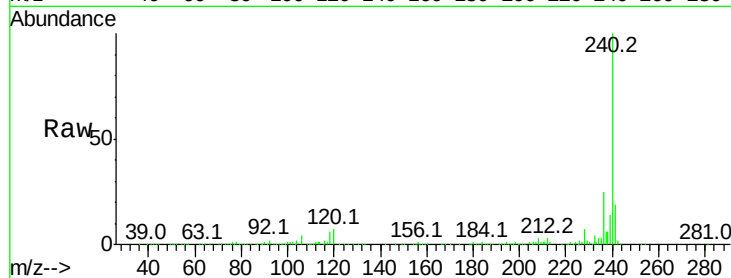
Tot Ion:240 Resp: 436127

Ion Ratio Lower Upper

240 100

120 7.1 12.9 19.3#

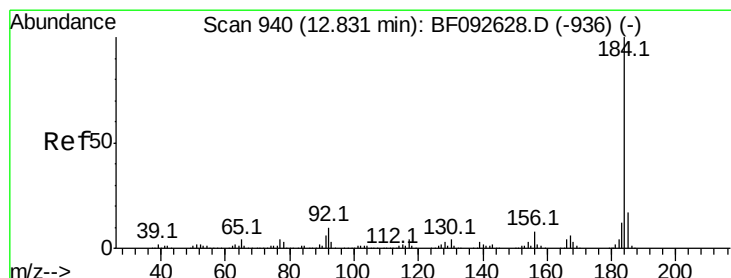
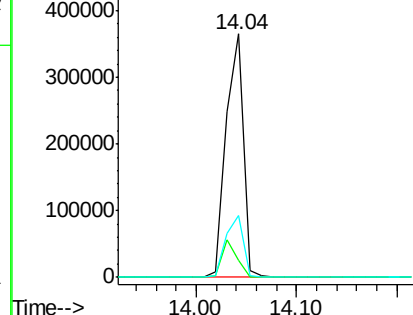
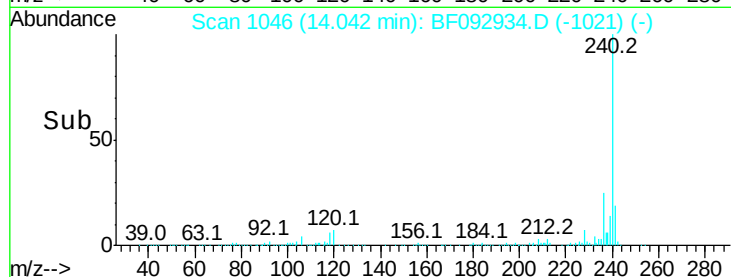
236 25.4 20.9 31.3



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: 38.02 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

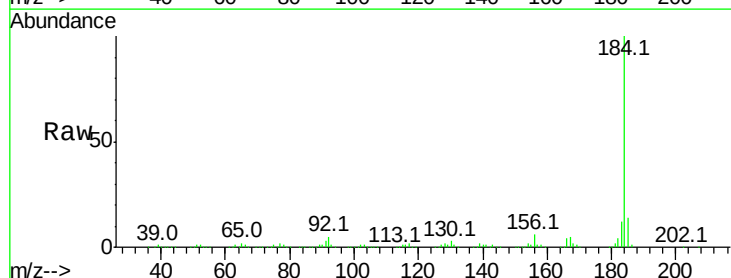
Tgt Ion:184 Resp: 706617

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.0

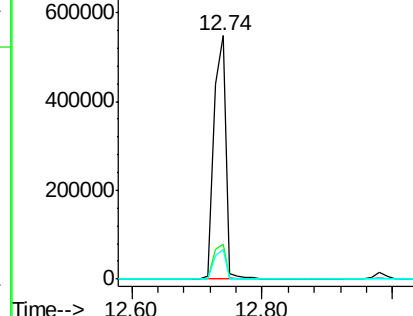
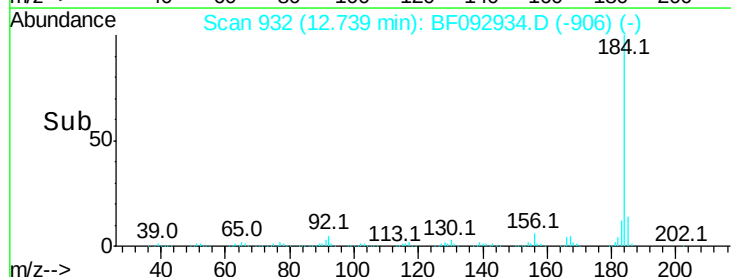
183 12.3 9.2 13.8

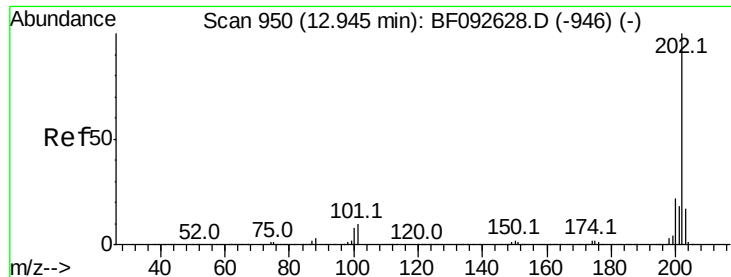


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

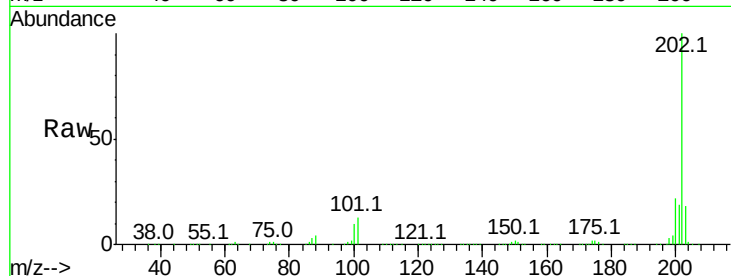




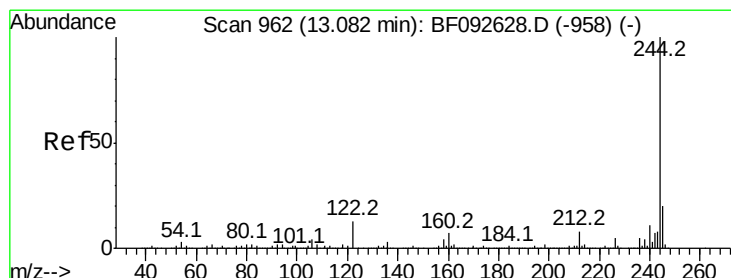
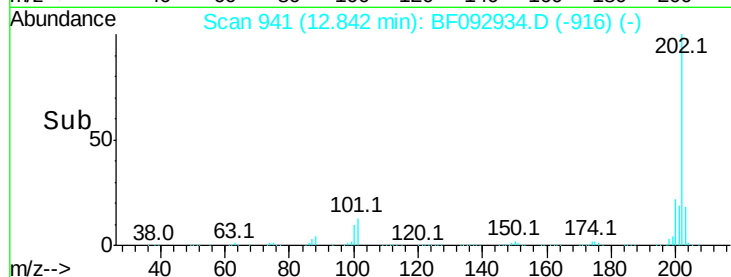
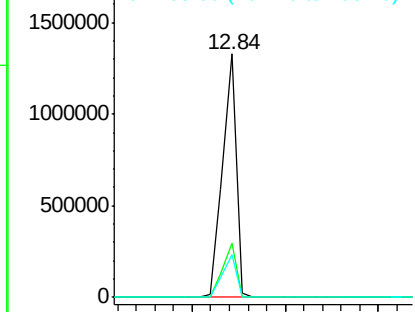
#77
Pvrene
Concen: 41.49 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1354287
Ion Ratio Lower Upper
202 100
200 22.2 17.7 26.5
203 17.7 14.7 22.1

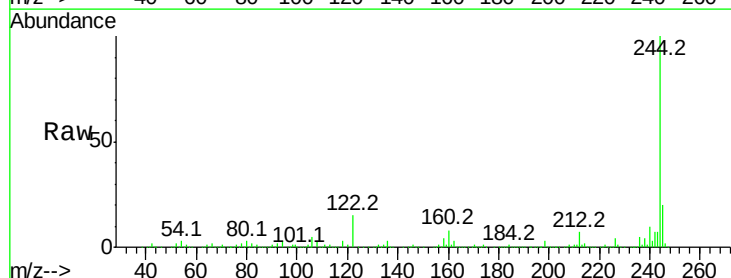


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

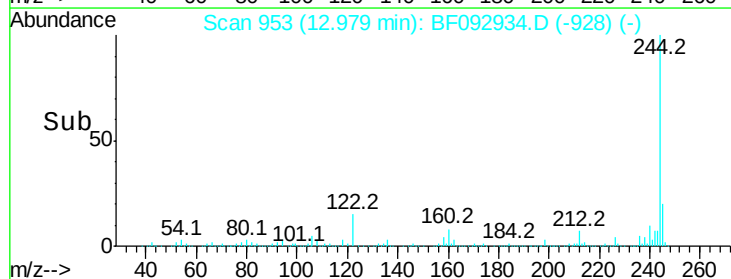
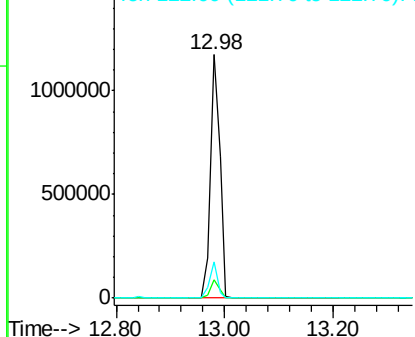


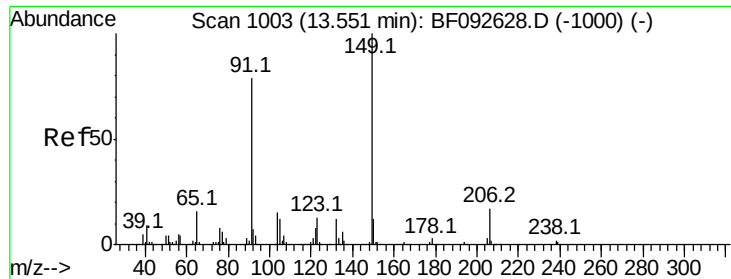
#78
Terphenyl-d14
Concen: 76.73 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

Tgt Ion:244 Resp: 1424264
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.2
122 15.1 11.4 17.2



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





#79

Butylbenzylphthalate

Concen: 43.99 ng

RT: 13.46 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

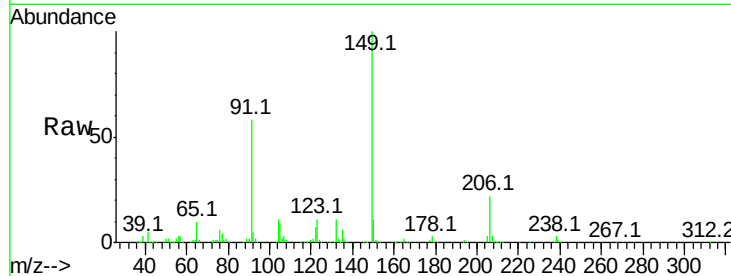
Tot Ion:149 Resp: 582981

Ion Ratio Lower Upper

149 100

91 58.4 63.9 95.9#

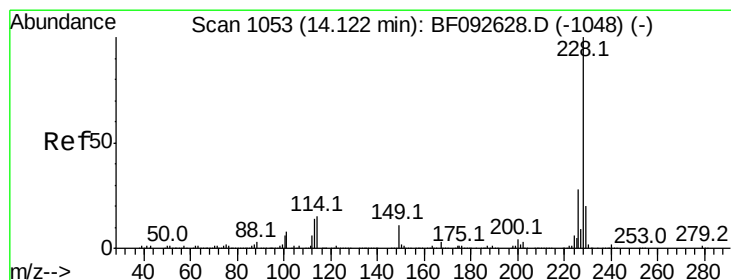
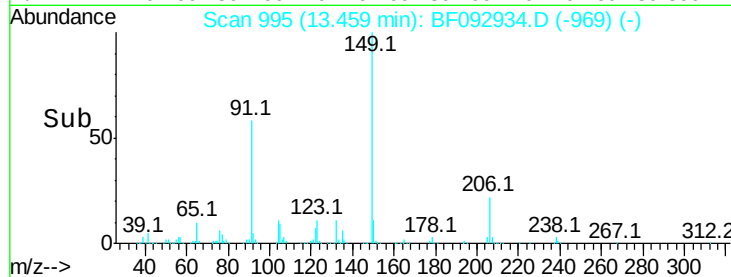
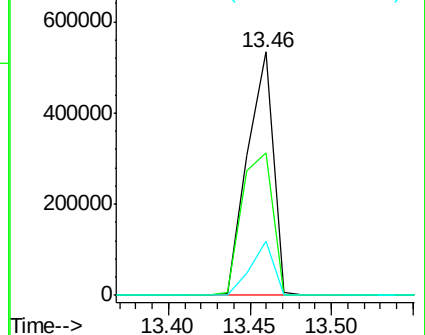
206 22.5 14.6 21.8#



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: 38.86 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF092934.D

Acq: 14 Feb 2017 10:39

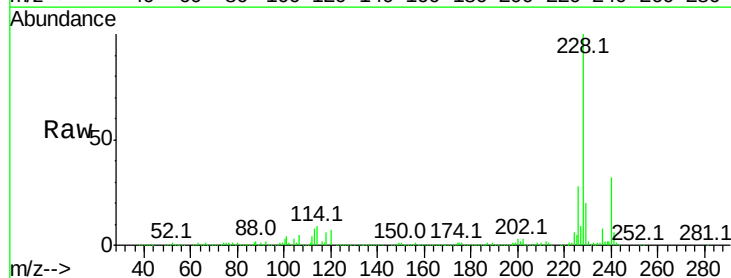
Tgt Ion:228 Resp: 1036474

Ion Ratio Lower Upper

228 100

226 28.2 22.4 33.6

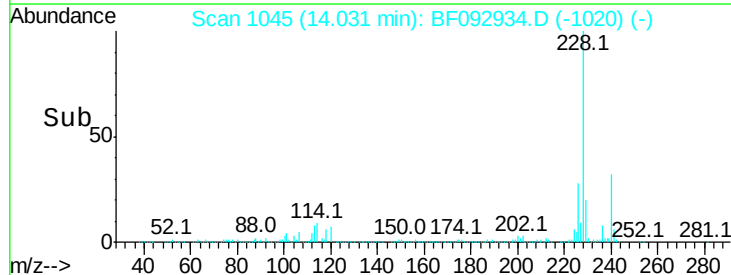
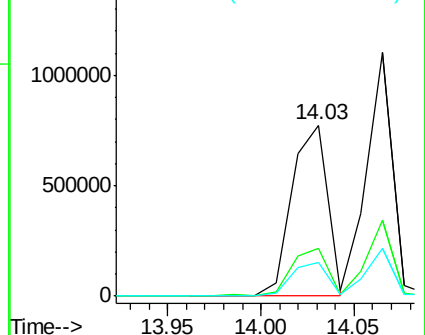
229 19.8 16.2 24.4

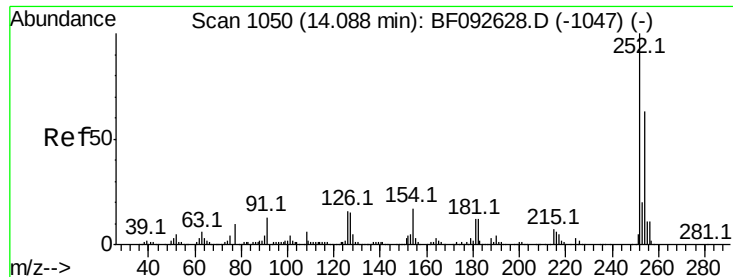


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

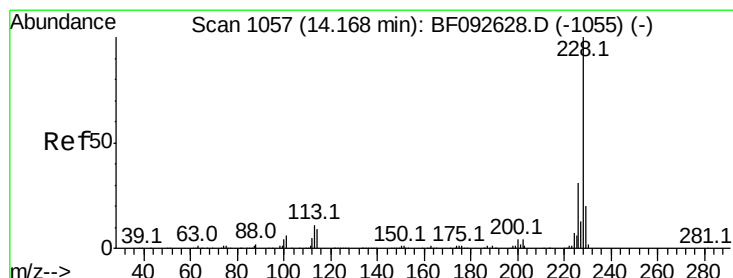
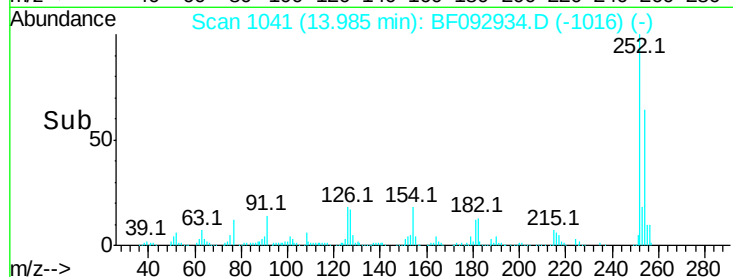
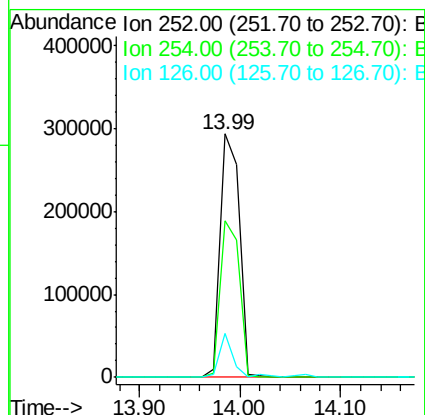
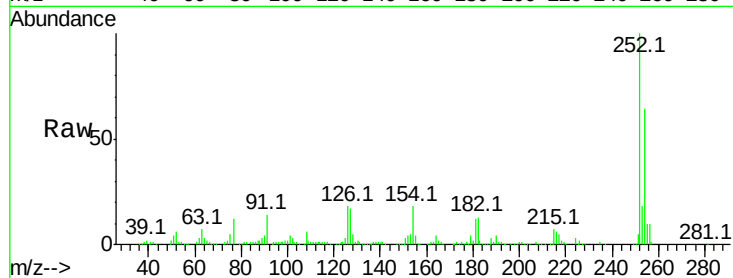




#81
 3,3'-Dichlorobenzidine
 Concen: 40.97 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

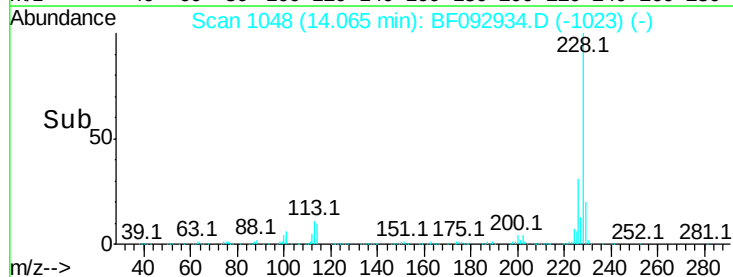
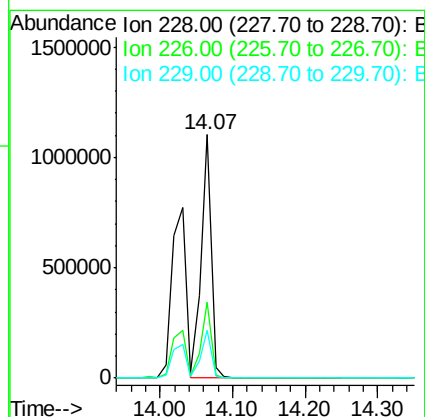
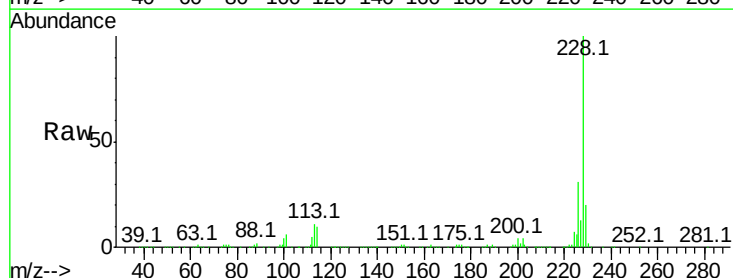
Instrument :
 BNA_F
 ClientSampleId :

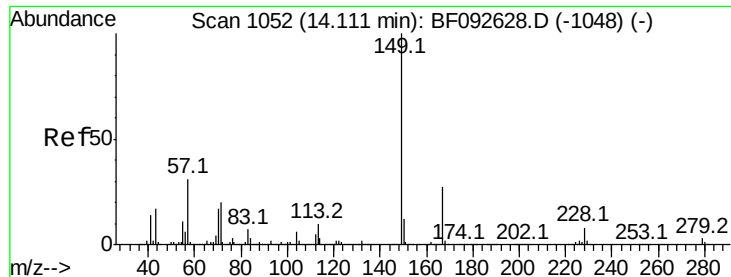
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.3	78.5
126	18.2	13.6	20.4



#82
 Chrysene
 Concen: 42.52 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	19.8	16.2	24.2

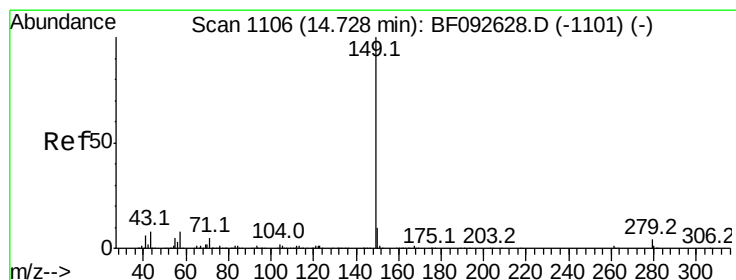
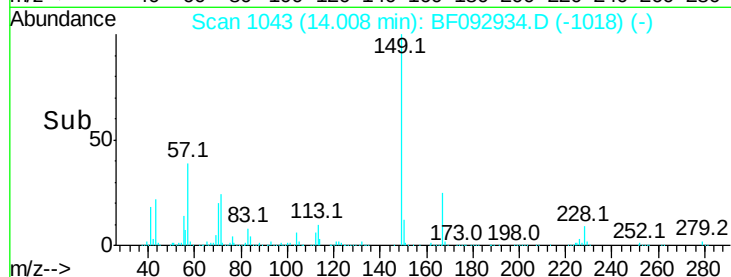
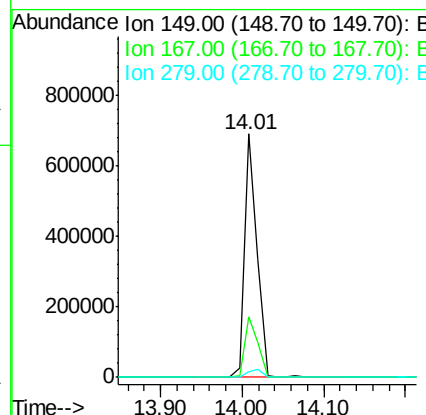
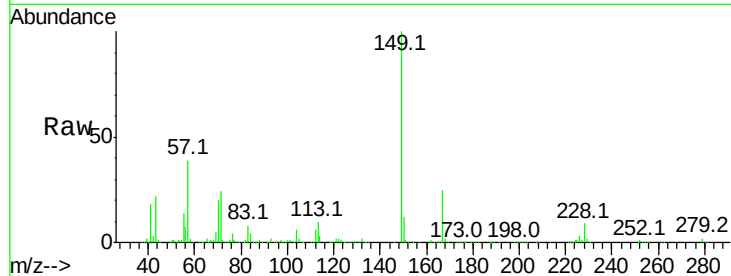




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.40 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

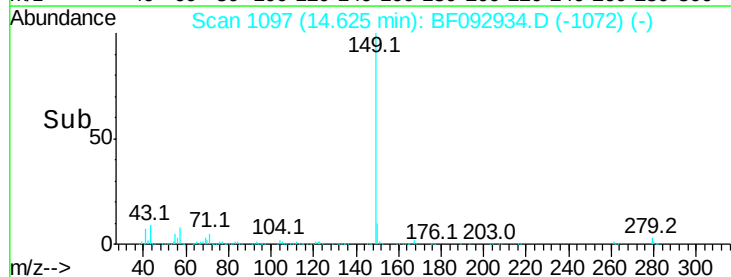
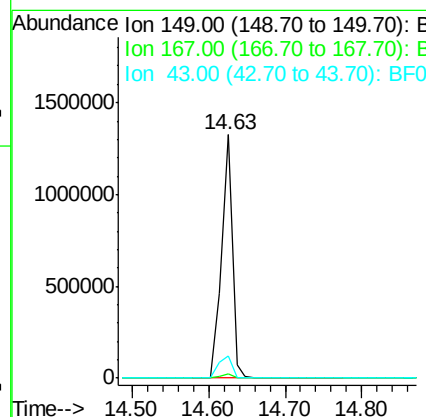
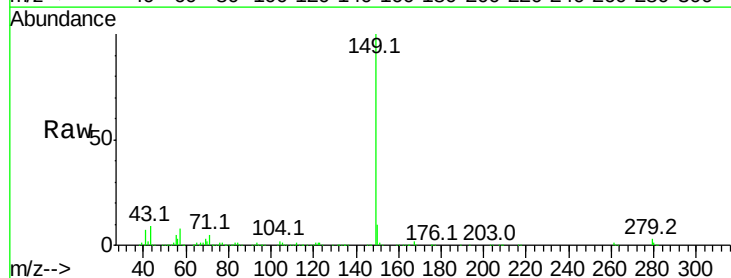
Instrument :
 BNA_F
 ClientSampleId :

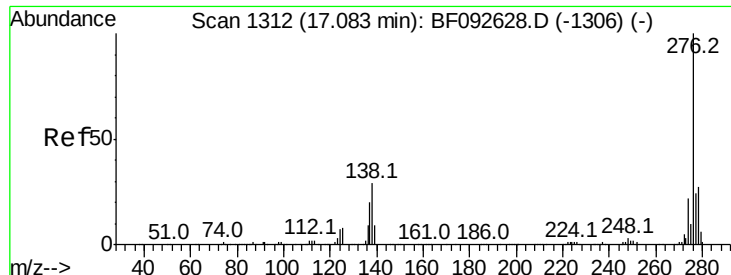
Tot Ion:149 Resp: 732301
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.2 30.4
 279 2.0 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 43.65 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

Tgt Ion:149 Resp: 1288284
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.2 8.9 13.3

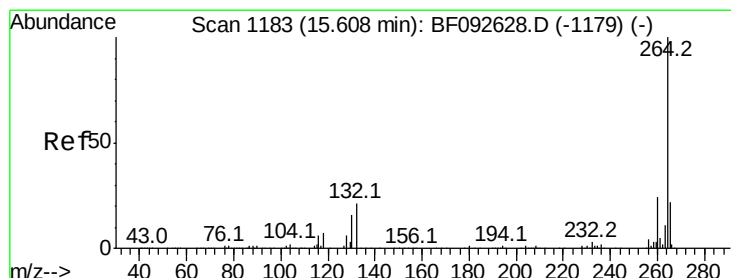
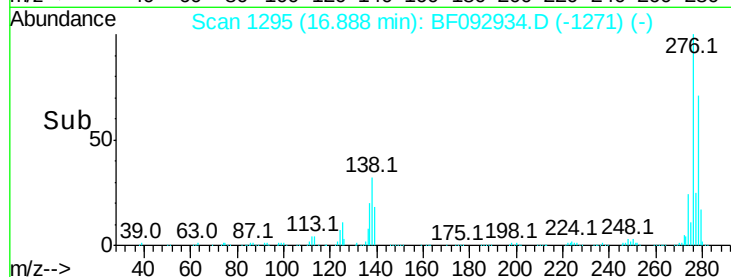
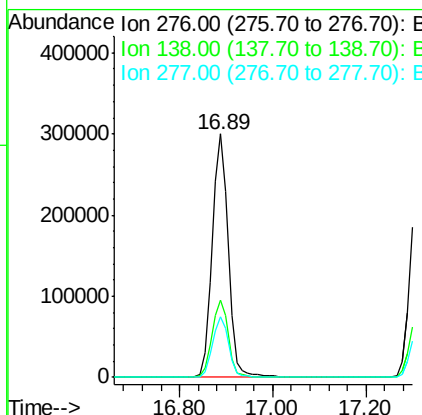
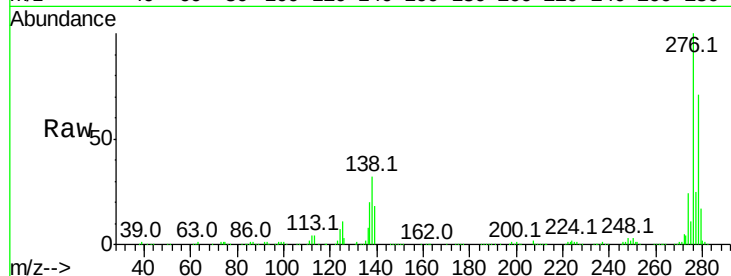




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.28 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. -0.02 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

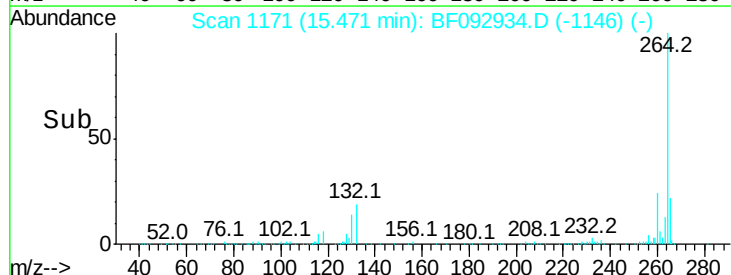
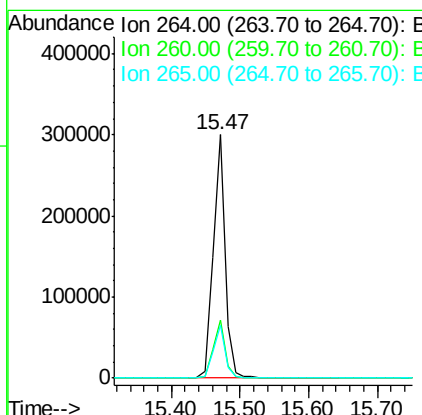
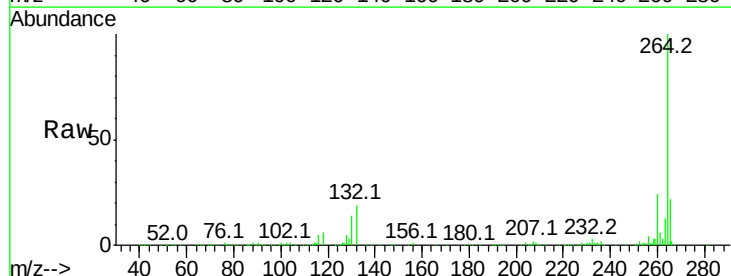
Instrument :
 BNA_F
 ClientSampleId :

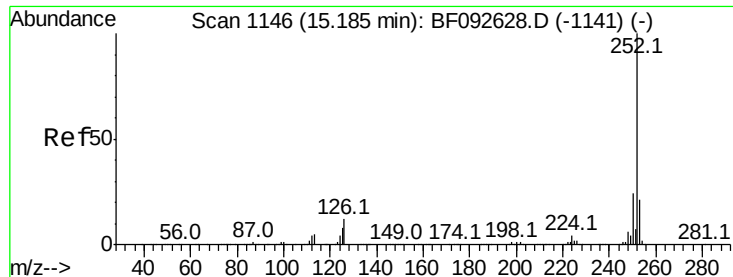
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.4	21.8	32.6
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.4	26.0

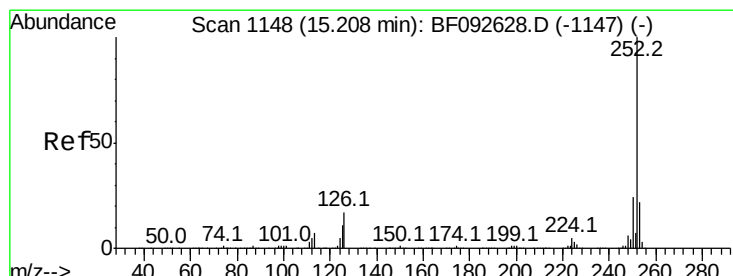
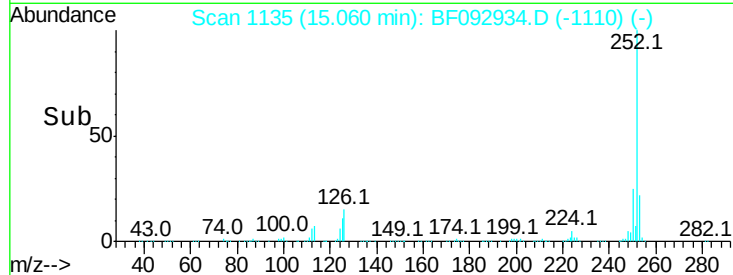
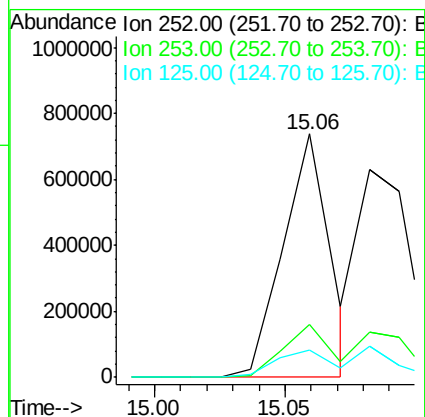
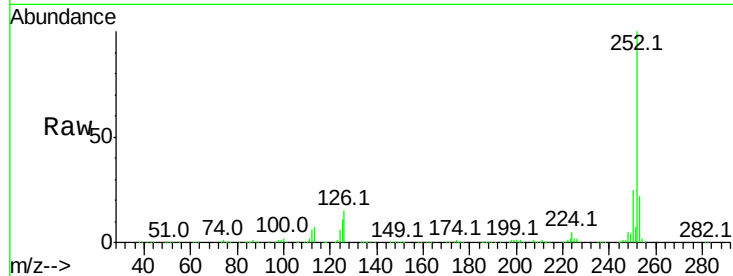




#87
Benzo(b)fluoranthene
Concen: 37.86 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

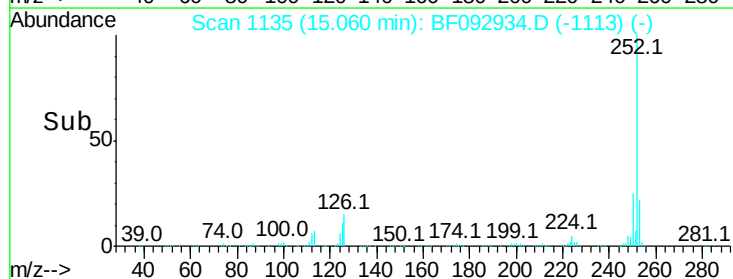
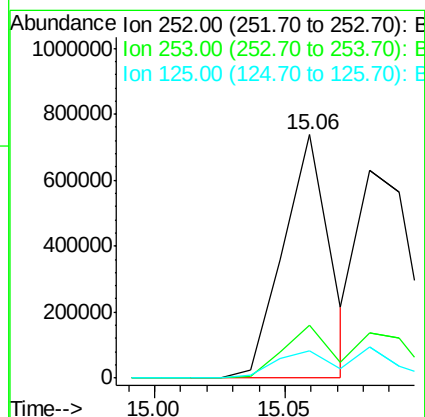
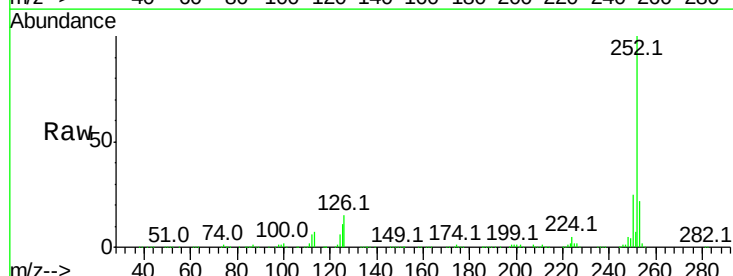
Instrument :
BNA_F
ClientSampled :

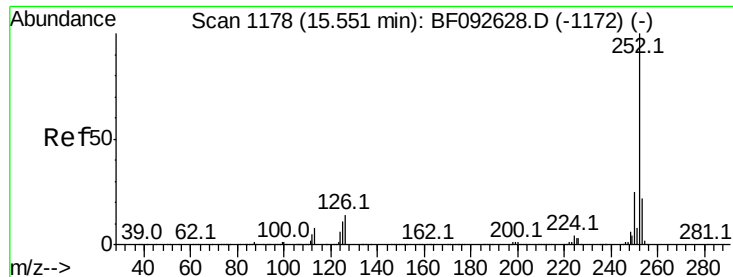
Tot Ion:252 Resp: 916525
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.4
125 11.4 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 43.84 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.05 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

Tgt Ion:252 Resp: 916525
Ion Ratio Lower Upper
252 100
253 21.8 18.5 27.7
125 11.4 8.9 13.3

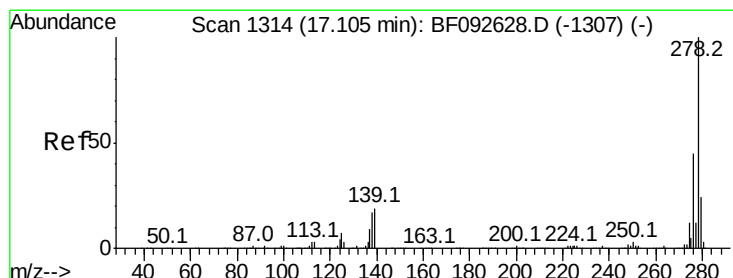
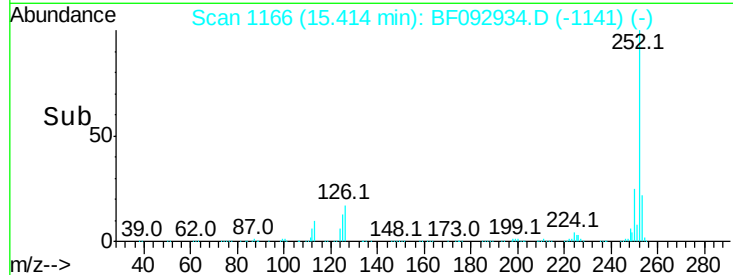
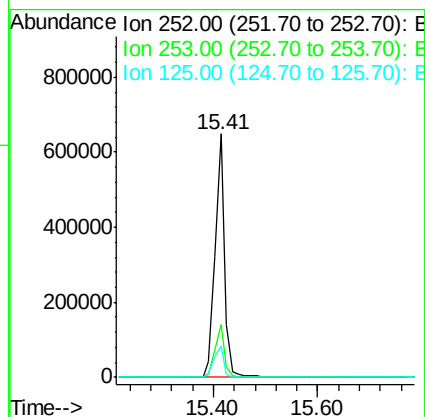
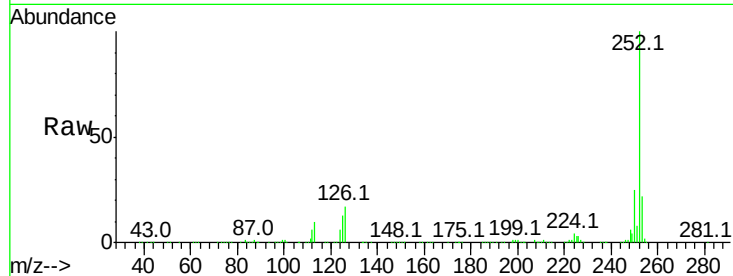




#89
Benzo(a)pyrene
Concen: 39.46 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

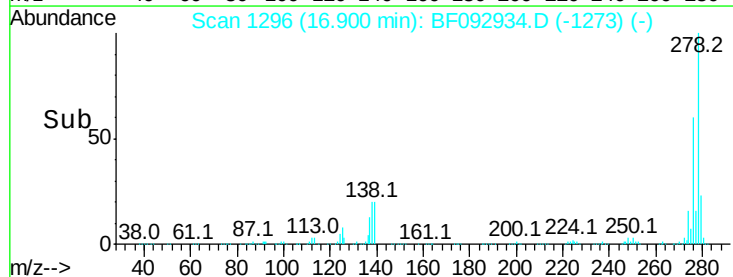
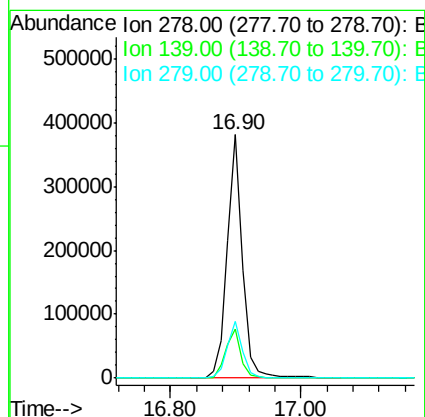
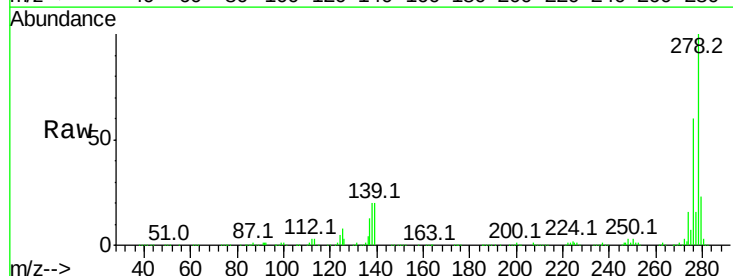
Instrument :
BNA_F
ClientSampleId :

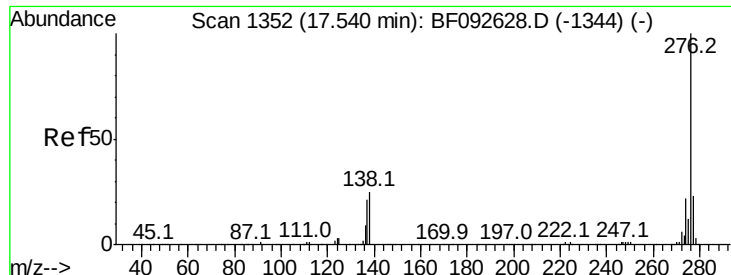
Tot Ion:252 Resp: 826351
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 12.8 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 36.73 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF092934.D
Acq: 14 Feb 2017 10:39

Tgt Ion:278 Resp: 621706
Ion Ratio Lower Upper
278 100
139 20.1 14.8 22.2
279 23.3 19.8 29.6

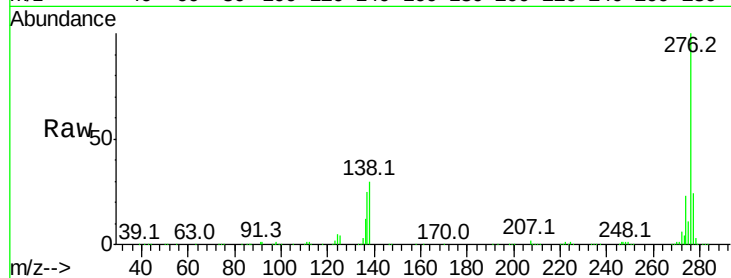




#91
 Benzo(a,h,i)perylene
 Concen: 36.25 ng
 RT: 17.31 min Scan# 1332
 Delta R.T. -0.03 min
 Lab File: BF092934.D
 Acq: 14 Feb 2017 10:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	30.3	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

