

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021417\
 Data File : BF092947.D
 Acq On : 14 Feb 2017 16:42
 Operator : SJ/MA
 Sample : I1792-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 17:09:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	150762	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	619848	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	321205	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	531793	20.00	ng	0.00
75) Chrysene-d12	14.03	240	277916	20.00	ng	-0.02
86) Perylene-d12	15.47	264	285913	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1387688	157.91	ng	0.01
7) Phenol-d6	6.53	99	1771051	156.64	ng	0.00
23) Nitrobenzene-d5	7.46	82	1156926	103.94	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	375176	161.49	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1701831	95.99	ng	0.00
78) Terphenyl-d14	12.98	244	1453855	122.92	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	189772	39.97	ng	# 84
3) Pyridine	3.26	79	516757	42.80	ng	89
4) n-Nitrosodimethylamine	3.22	42	288808	50.94	ng	83
6) Aniline	6.54	93	351021	22.76	ng	# 26
8) 2-Chlorophenol	6.67	128	502635	51.85	ng	99
9) Benzaldehyde	6.43	77	131874	16.28	ng	95
10) Phenol	6.54	94	757822	57.29	ng	79
11) bis(2-Chloroethyl)ether	6.62	93	532624	50.44	ng	98
12) 1,3-Dichlorobenzene	7.06	146	507111	44.66	ng	97
13) 1,4-Dichlorobenzene	6.90	146	546877	47.59	ng	97
14) 1,2-Dichlorobenzene	6.90	146	546877	49.76	ng	96
15) Benzyl Alcohol	7.04	79	432458	51.66	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.16	45	866035	47.21	ng	97
17) 2-Methylphenol	7.15	107	438501	52.72	ng	97
18) Hexachloroethane	7.39	117	184556	47.04	ng	88
19) n-Nitroso-di-n-propylamine	7.31	70	373192	51.85	ng	# 94
20) 3+4-Methylphenols	7.30	107	502820	50.57	ng	# 74
22) Acetophenone	7.30	105	648517	45.82	ng	# 93
24) Nitrobenzene	7.47	77	529248	46.31	ng	97
25) Isophorone	7.71	82	1028249	49.57	ng	97
26) 2-Nitrophenol	7.79	139	302901	55.75	ng	# 83
27) 2,4-Dimethylphenol	7.82	122	465364	48.77	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	636088	46.30	ng	100
29) 2,4-Dichlorophenol	8.03	162	429959	48.32	ng	91
30) 1,2,4-Trichlorobenzene	8.11	180	458936	47.86	ng	96
31) Naphthalene	8.19	128	1395157	44.40	ng	99
32) Benzoic acid	7.93	122	86839	20.83	ng	97
33) 4-Chloroaniline	8.24	127	163099	13.24	ng	95
34) Hexachlorobutadiene	8.30	225	233505	44.26	ng	99
35) Caprolactam	8.62	113	101867	36.39	ng	# 73
36) 4-Chloro-3-methylphenol	8.74	107	495834	53.44	ng	90
37) 2-Methylnaphthalene	8.88	142	909807	45.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	439940	48.79	ng	99
40) Hexachlorocyclopentadiene	9.04	237	284329	69.89	ng	99

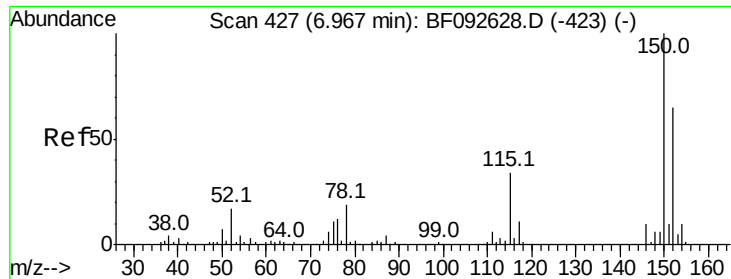
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021417\
 Data File : BF092947.D
 Acq On : 14 Feb 2017 16:42
 Operator : SJ/MA
 Sample : I1792-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 17:09:18 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	305949	51.64	nq	93
43) 2,4,5-Trichlorophenol	9.21	196	311381	47.97	nq	# 91
45) 1,1'-Biphenyl	9.34	154	1132389	48.69	nq	98
46) 2-Chloronaphthalene	9.37	162	864408	47.51	nq	97
47) 2-Nitroaniline	9.47	65	332257	54.31	nq	92
48) Acenaphthylene	9.78	152	1402081	44.61	nq	99
49) Dimethylphthalate	9.65	163	1405577	64.97	nq	100
50) 2,6-Dinitrotoluene	9.71	165	232664	49.80	nq	# 85
51) Acenaphthene	9.95	154	859296	45.73	nq	97
52) 3-Nitroaniline	9.88	138	160941	30.10	nq	# 76
53) 2,4-Dinitrophenol	9.98	184	162025	68.87	nq	# 67
54) Dibenzofuran	10.12	168	1164741	46.34	nq	98
55) 4-Nitrophenol	10.05	139	334903	86.96	nq	91
56) 2,4-Dinitrotoluene	10.11	165	292500	47.02	nq	94
57) Fluorene	10.46	166	865603	44.76	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	255618	59.03	nq	94
59) Diethylphthalate	10.34	149	1041014	51.06	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	405976	43.70	nq	98
61) 4-Nitroaniline	10.50	138	258095	47.13	nq	87
62) Azobenzene	10.61	77	1088799	51.69	nq	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	158671	48.96	nq	# 70
65) n-Nitrosodiphenylamine	10.58	169	790677	46.54	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	243088	43.75	nq	98
67) Hexachlorobenzene	11.01	284	252318	45.96	nq	# 92
68) Atrazine	11.10	200	238692	43.78	nq	99
69) Pentachlorophenol	11.21	266	264727	92.19	nq	97
70) Phenanthrene	11.42	178	1304131	42.80	nq	99
71) Anthracene	11.48	178	1502881	49.12	nq	98
72) Carbazole	11.63	167	1157099	39.56	nq	100
73) Di-n-butylphthalate	11.96	149	1564662	49.47	nq	# 98
74) Fluoranthene	12.61	202	1416773	45.08	nq	96
76) Benzidine	12.73	184	397982	33.61	nq	96
77) Pyrene	12.84	202	1371327	65.93	nq	99
79) Butylbenzylphthalate	13.46	149	635743	75.27	nq	# 78
80) Benzo(a)anthracene	14.03	228	916944	53.94	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	173467	28.63	nq	98
82) Chrysene	14.07	228	896159	56.31	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	756611	65.50	nq	99
84) Di-n-octyl phthalate	14.63	149	1201661	63.89	nq	100
85) Indeno(1,2,3-cd)pyrene	16.90	276	937198	76.03	nq	95
87) Benzo(b)fluoranthene	15.06	252	1623570	86.27	nq	98
88) Benzo(k)fluoranthene	15.06	252	1623570	99.92	nq	98
89) Benzo(a)pyrene	15.41	252	791088	48.60	nq	99
90) Dibenzo(a,h)anthracene	16.91	278	762896	57.99	nq	98
91) Benzo(g,h,i)perylene	17.32	276	811853	61.08	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampled :

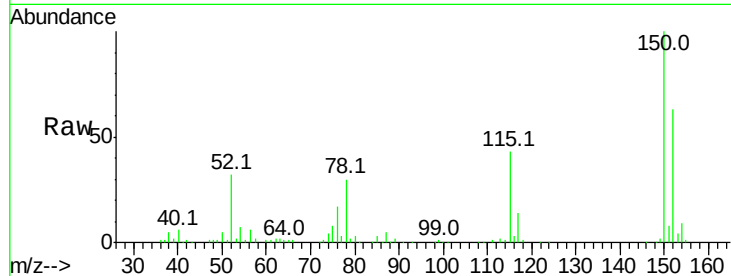
Tot Ion:152 Resp: 150762

Ion Ratio Lower Upper

152 100

150 159.5 124.9 187.3

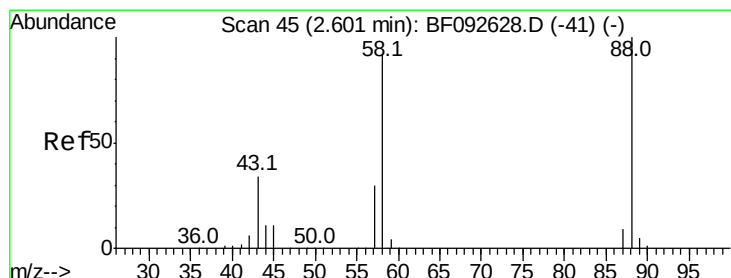
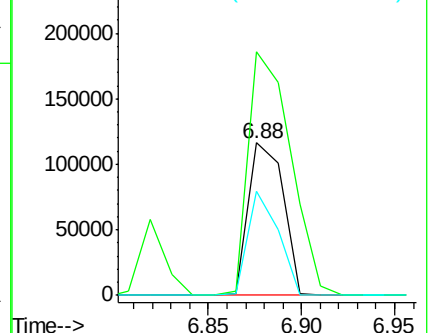
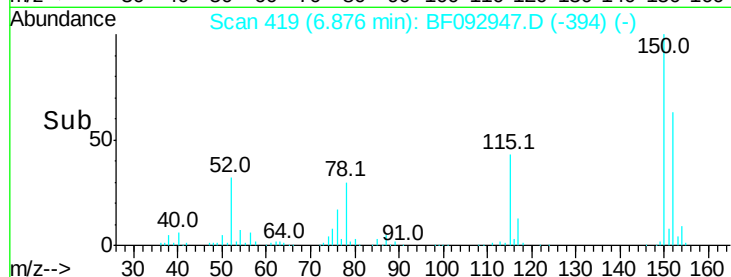
115 68.4 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.97 ng

RT: 2.53 min Scan# 39

Delta R.T. 0.07 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

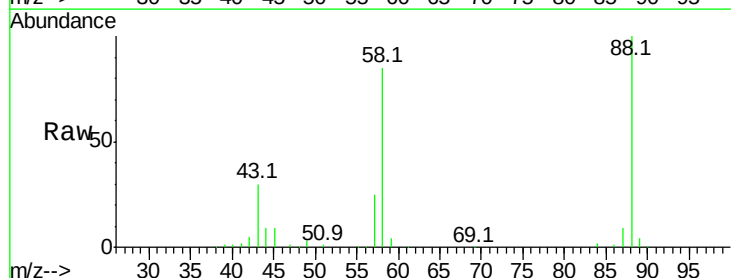
Tgt Ion: 88 Resp: 189772

Ion Ratio Lower Upper

88 100

58 87.9 57.8 86.8#

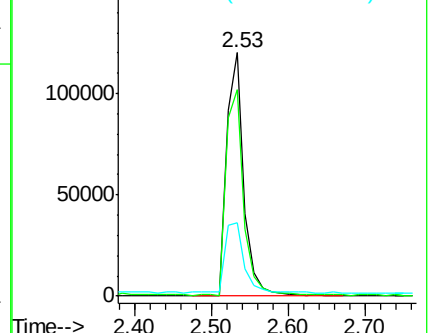
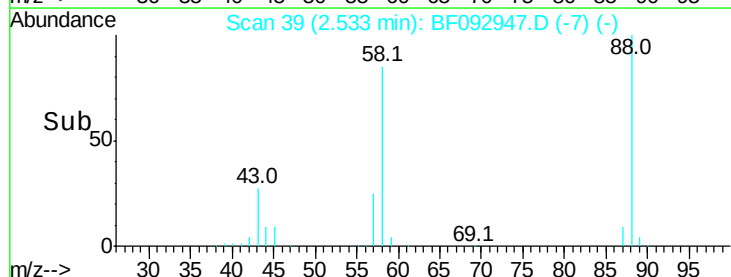
43 32.4 22.3 33.5

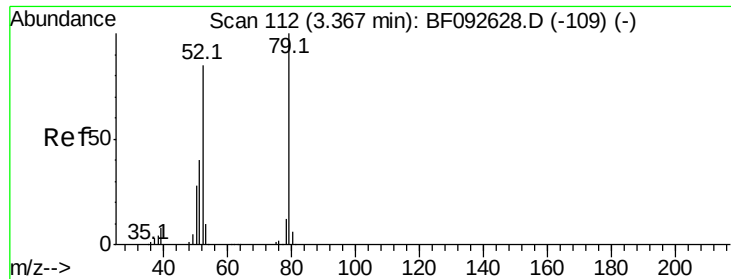


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

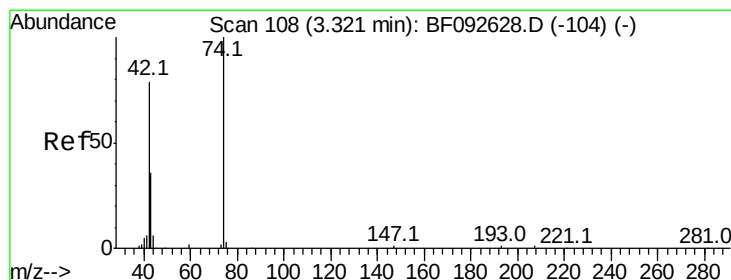
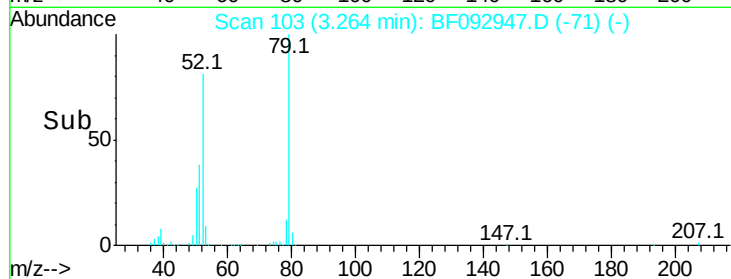
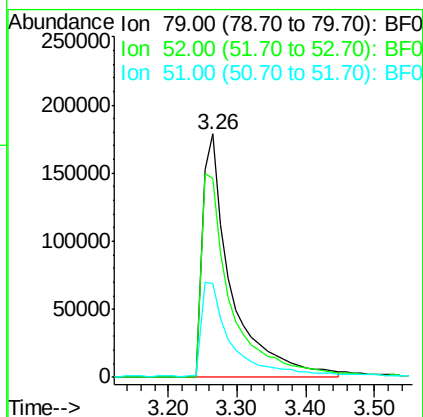
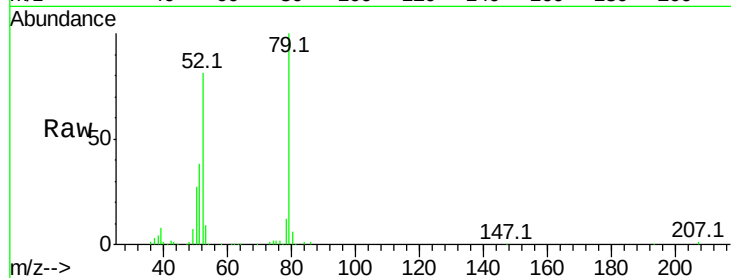




#3
 Pvridine
 Concen: 42.80 ng
 RT: 3.26 min Scan# 103
 Delta R.T. 0.07 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

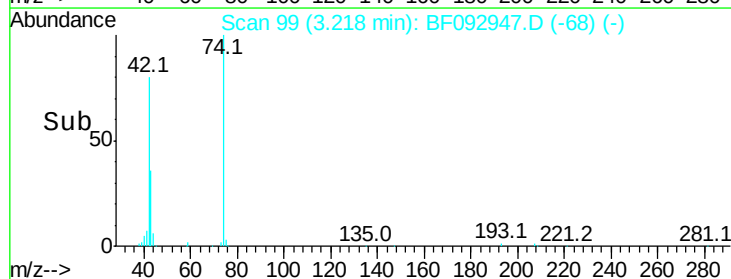
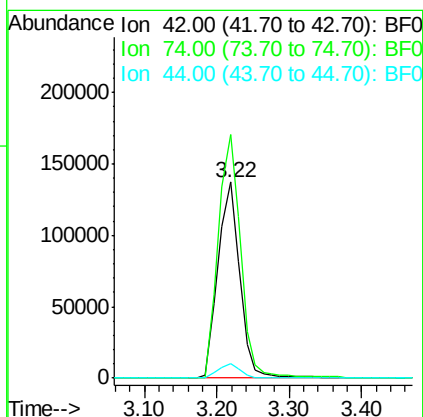
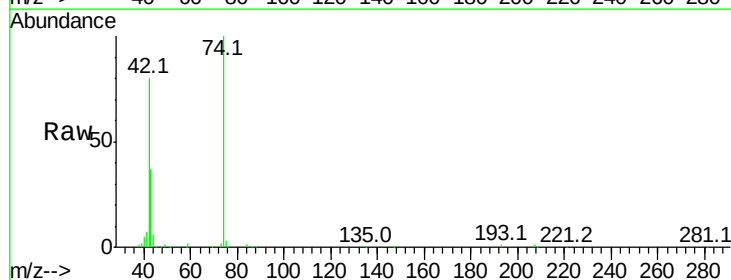
Instrument :
 BNA_F
 ClientSampled :

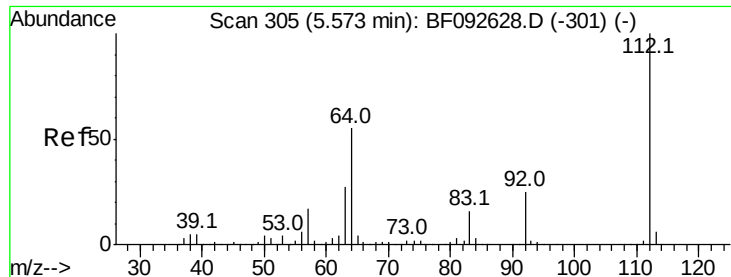
Tot Ion: 79 Resp: 516757
 Ion Ratio Lower Upper
 79 100
 52 81.5 57.1 85.7
 51 38.5 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 50.94 ng
 RT: 3.22 min Scan# 99
 Delta R.T. 0.06 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion: 42 Resp: 288808
 Ion Ratio Lower Upper
 42 100
 74 124.3 117.0 175.4
 44 7.3 5.5 8.3





#5

2-Fluorophenol

Concen: 157.91 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampled :

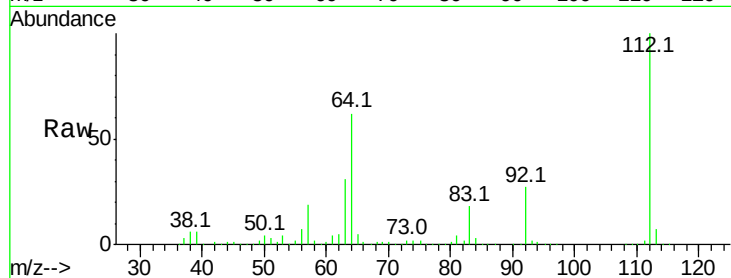
Tot Ion:112 Resp: 1387688

Ion Ratio Lower Upper

112 100

64 62.3 46.1 69.1

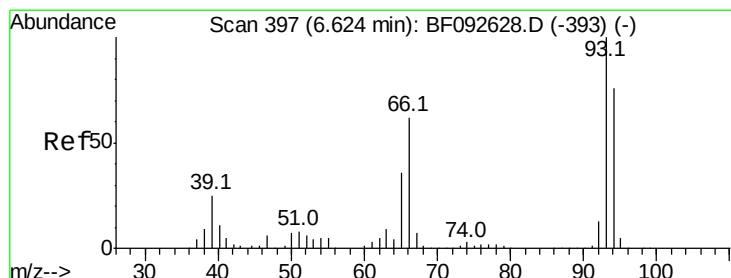
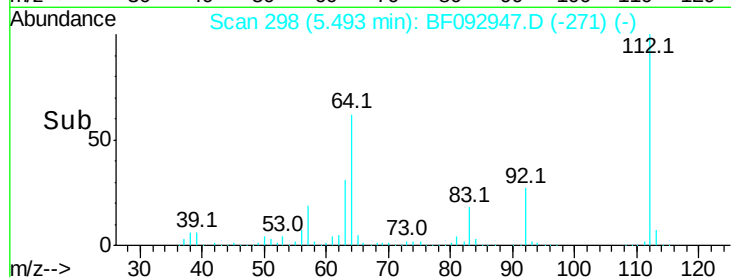
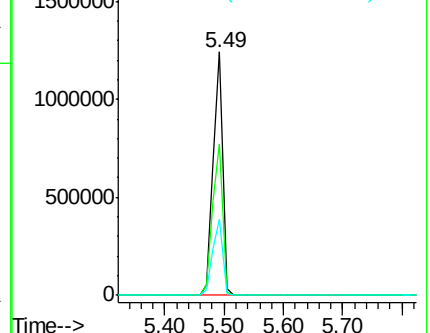
63 31.4 23.8 35.6



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: 22.76 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

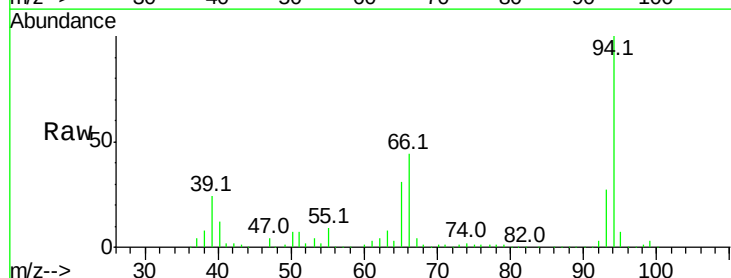
Tgt Ion: 93 Resp: 351021

Ion Ratio Lower Upper

93 100

66 167.3 76.2 114.2#

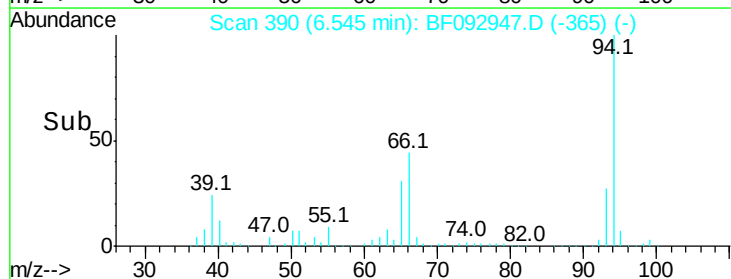
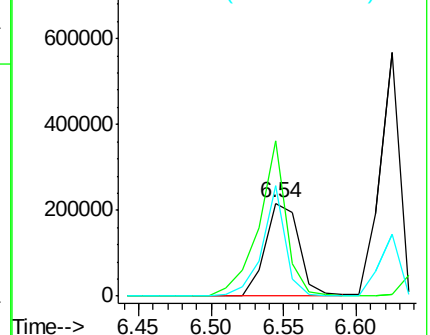
65 118.5 49.3 73.9#

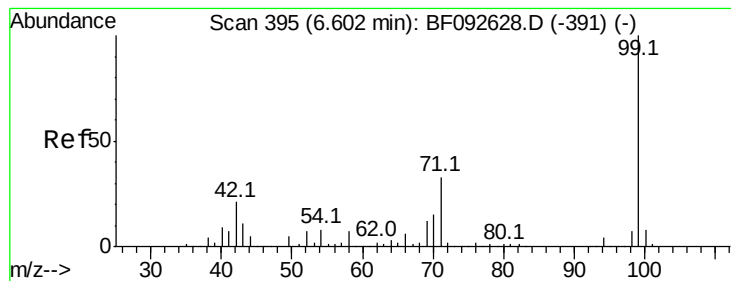


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 156.64 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

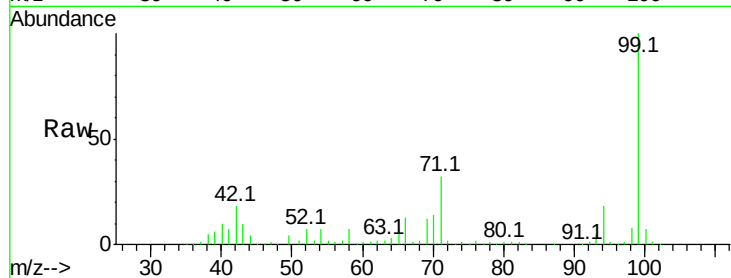
Tot Ion: 99 Resp: 1771051

Ion Ratio Lower Upper

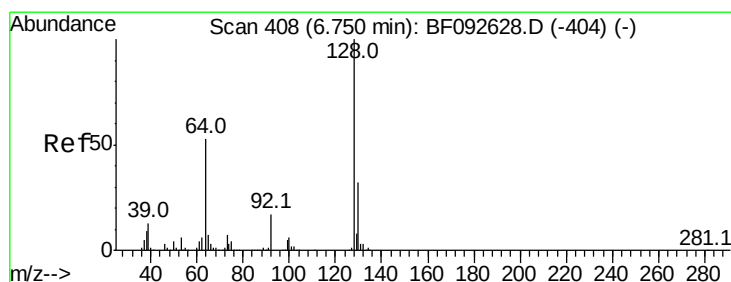
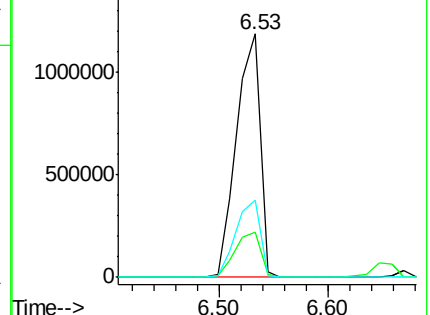
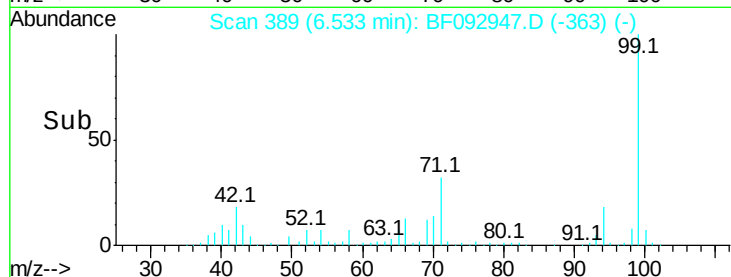
99 100

42 18.4 15.6 23.4

71 31.8 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 51.85 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

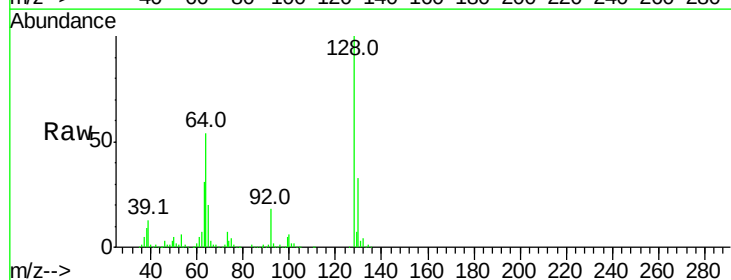
Tgt Ion:128 Resp: 502635

Ion Ratio Lower Upper

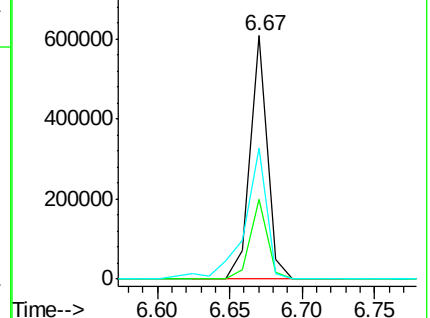
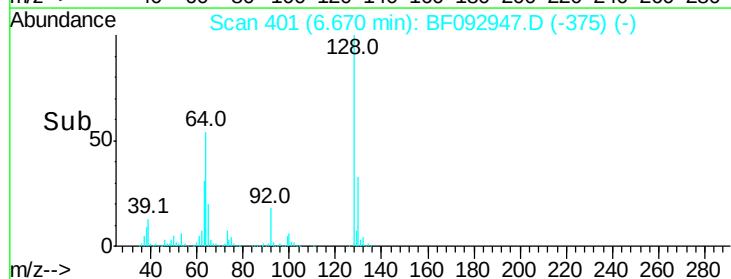
128 100

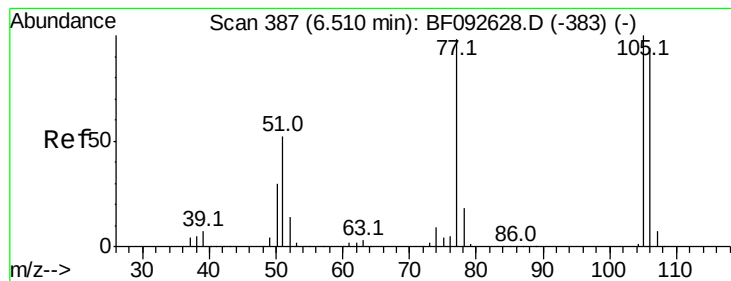
130 32.6 12.3 52.3

64 53.6 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.28 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampled :

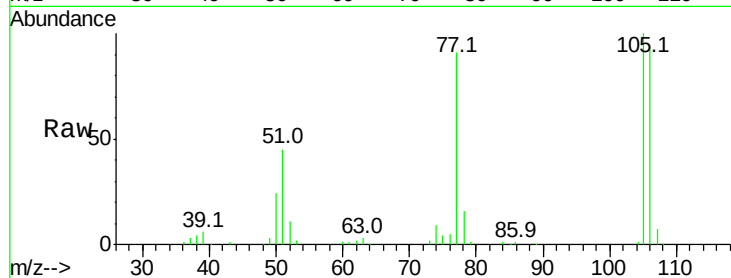
Tot Ion: 77 Resp: 131874

Ion Ratio Lower Upper

77 100

105 109.9 83.9 123.9

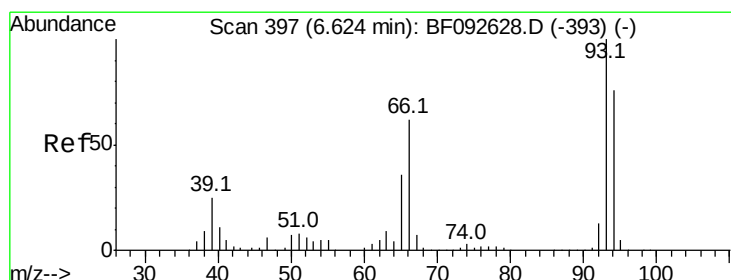
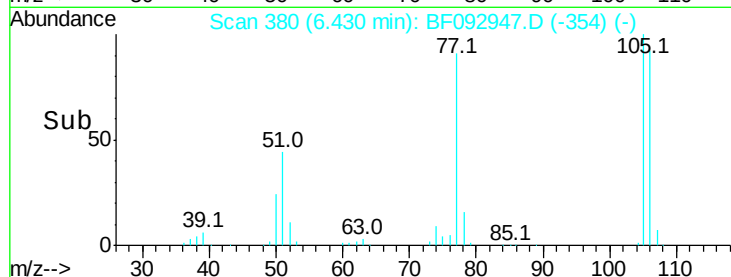
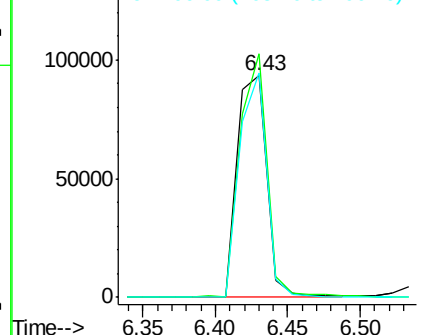
106 101.3 77.6 117.6



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: 57.29 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

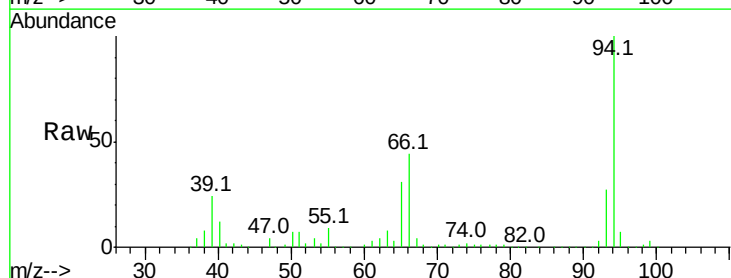
Tgt Ion: 94 Resp: 757822

Ion Ratio Lower Upper

94 100

65 31.5 21.4 61.4

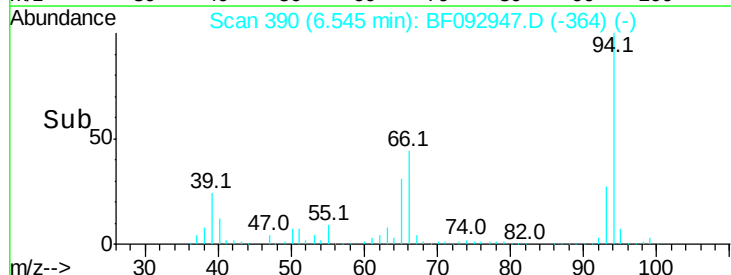
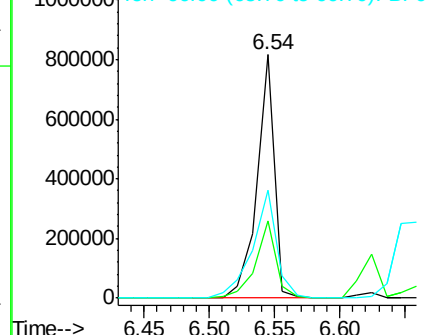
66 44.4 44.0 84.0

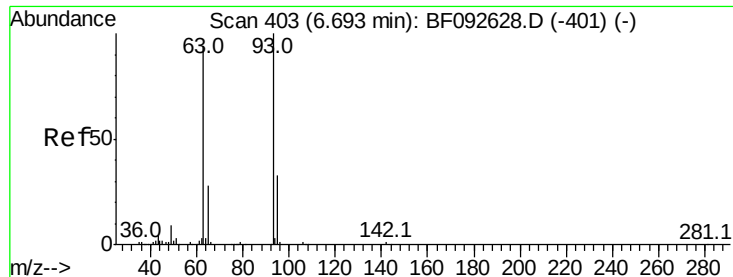


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 50.44 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

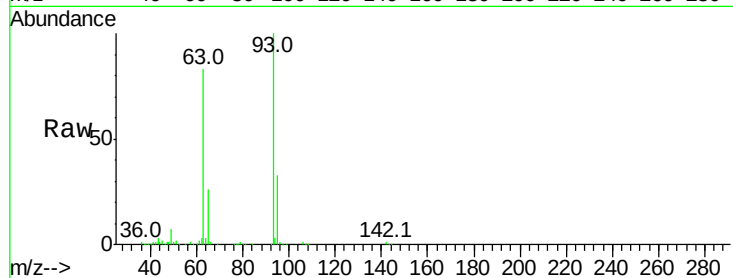
Tot Ion: 93 Resp: 532624

Ion Ratio Lower Upper

93 100

63 83.1 60.4 100.4

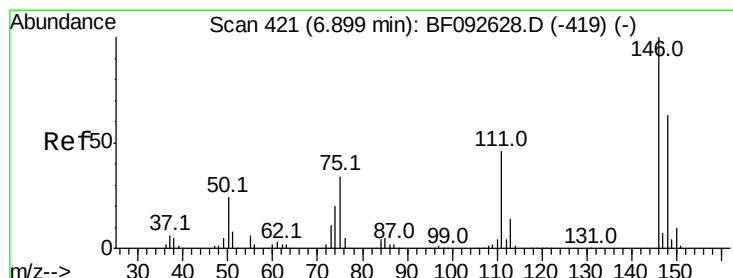
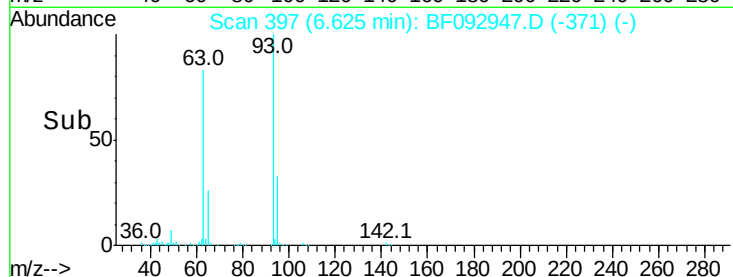
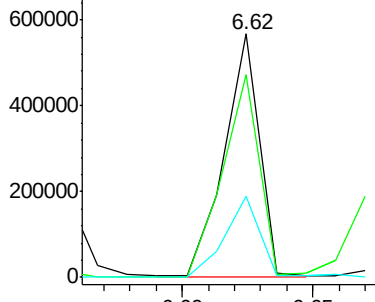
95 33.1 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 44.66 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.23 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

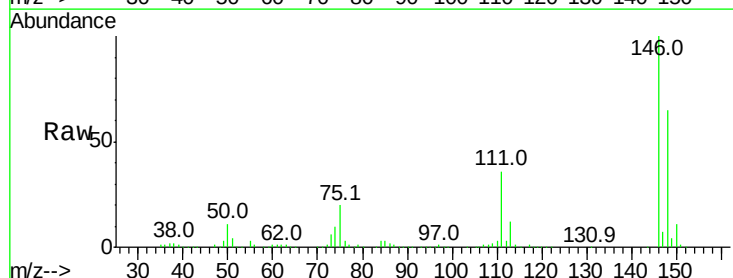
Tgt Ion: 146 Resp: 507111

Ion Ratio Lower Upper

146 100

148 64.8 53.4 80.0

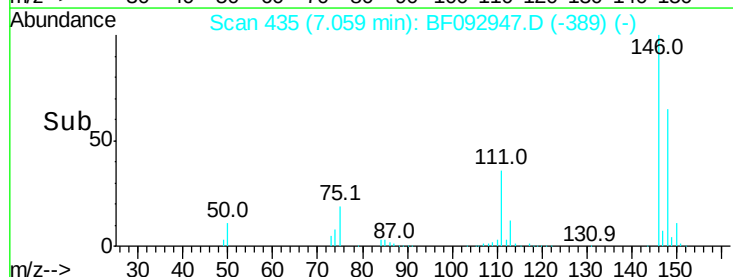
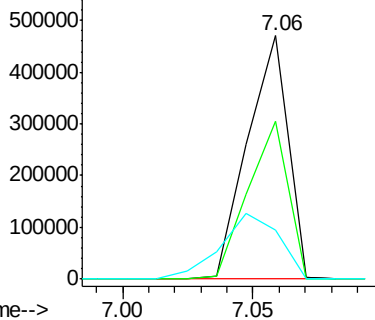
75 20.3 18.5 27.7

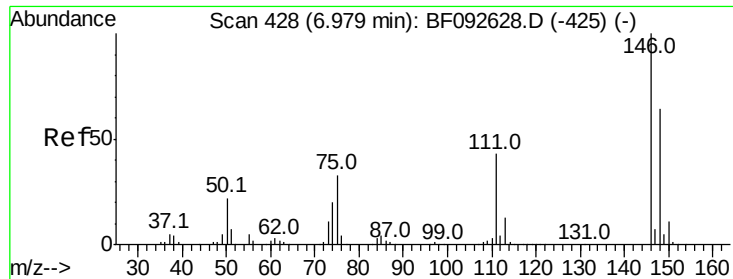


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

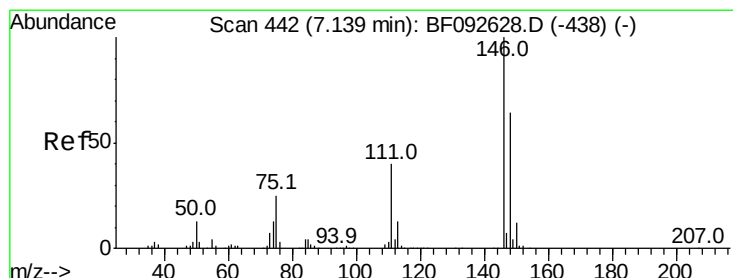
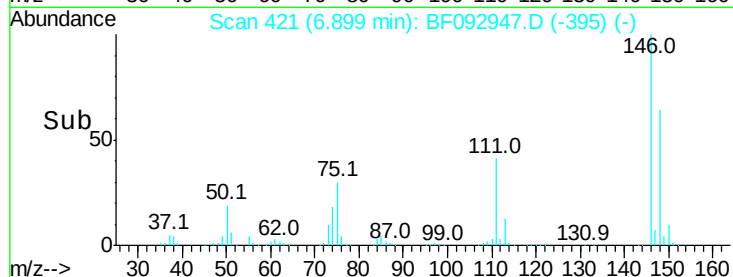
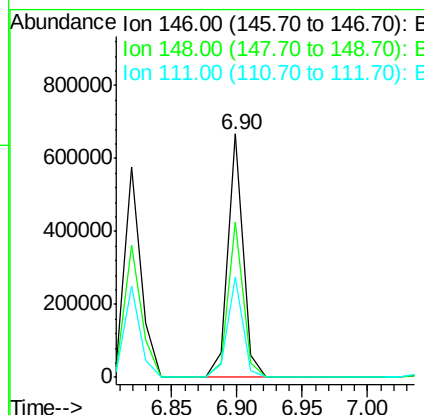
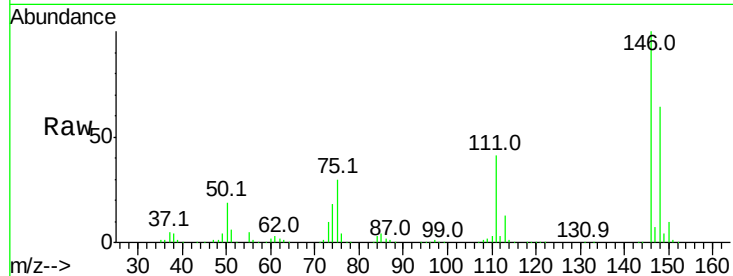




#13
 1,4-Dichlorobenzene
 Concen: 47.59 ng
 RT: 6.90 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

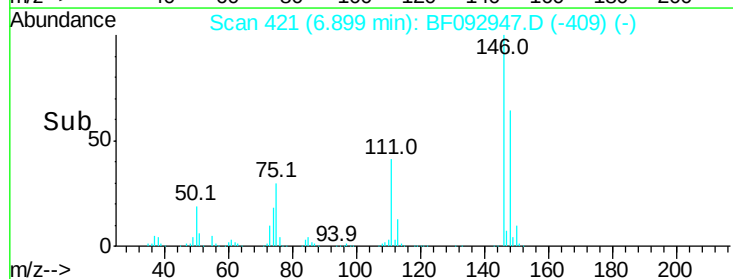
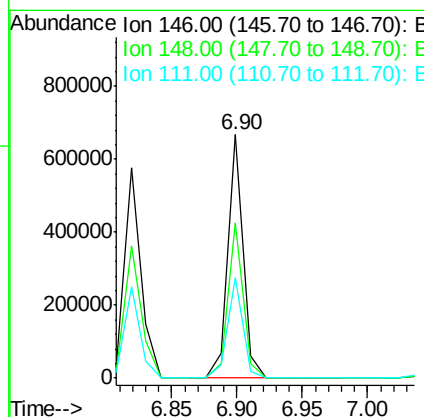
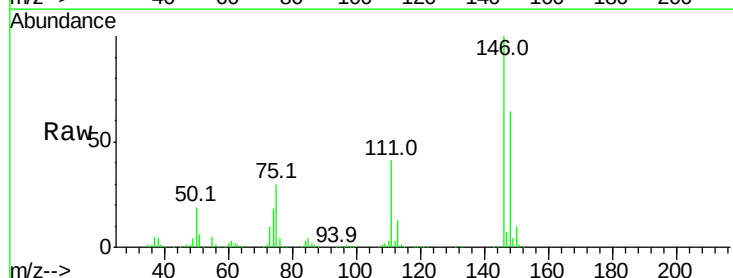
Instrument :
 BNA_F
 ClientSampleId :

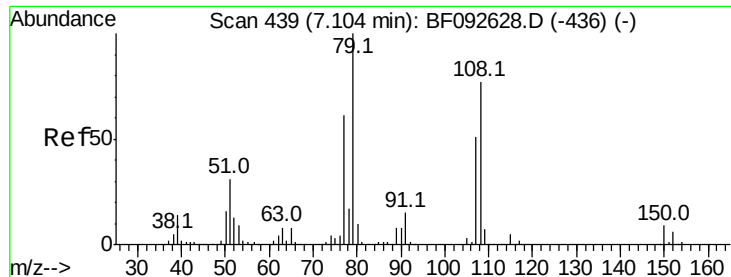
Tot Ion:146 Resp: 546877
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 76.0
 111 41.0 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 49.76 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.16 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion:146 Resp: 546877
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 41.0 36.2 54.2





#15

Benzyl Alcohol

Concen: 51.66 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampled :

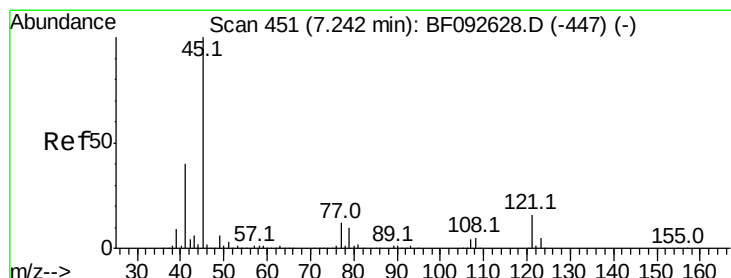
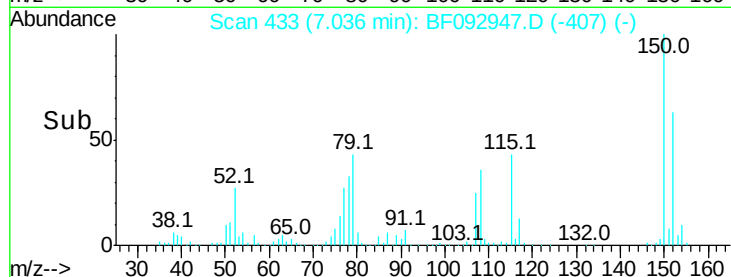
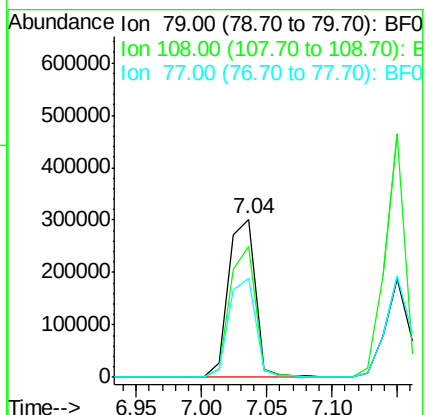
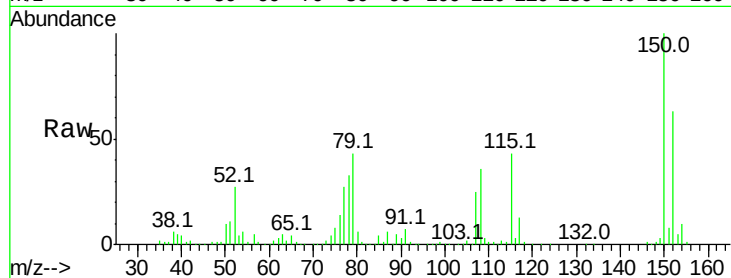
Tot Ion: 79 Resp: 432458

Ion Ratio Lower Upper

79 100

108 83.1 61.4 92.0

77 62.8 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.21 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

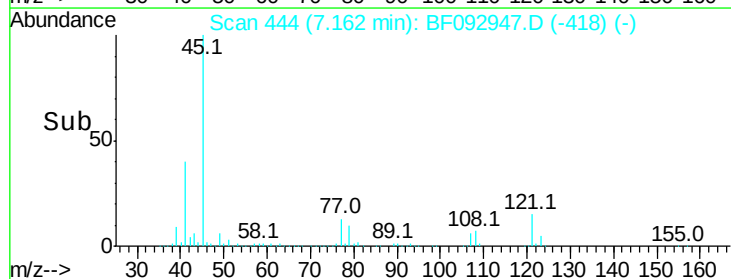
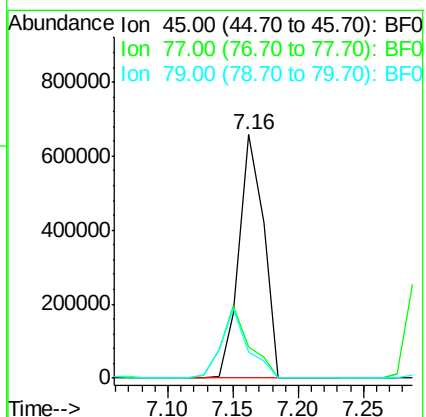
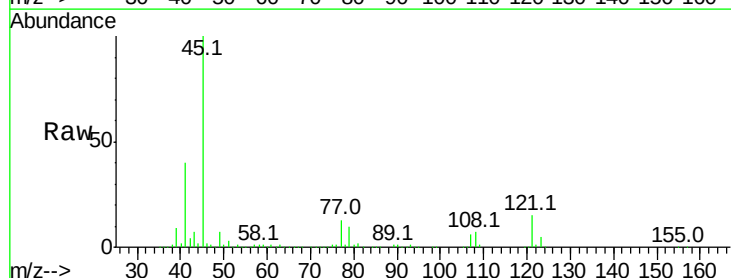
Tgt Ion: 45 Resp: 866035

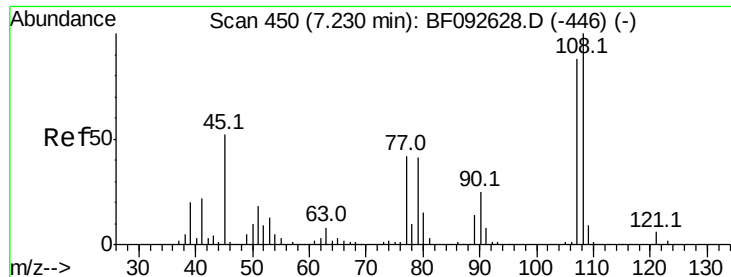
Ion Ratio Lower Upper

45 100

77 12.9 0.0 34.6

79 10.5 0.0 31.2

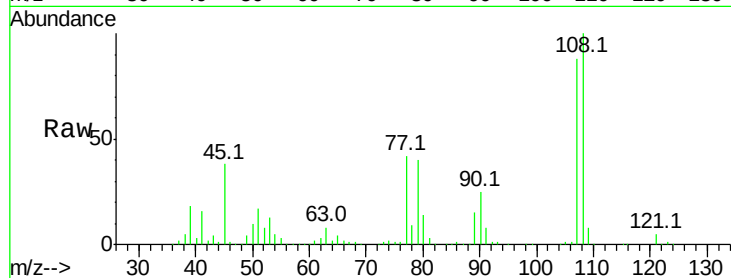




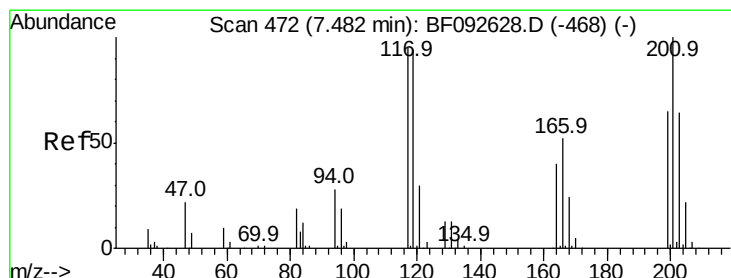
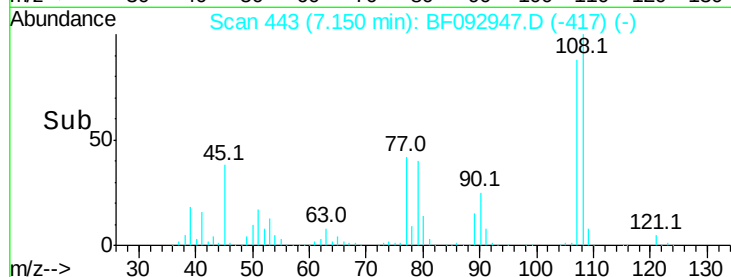
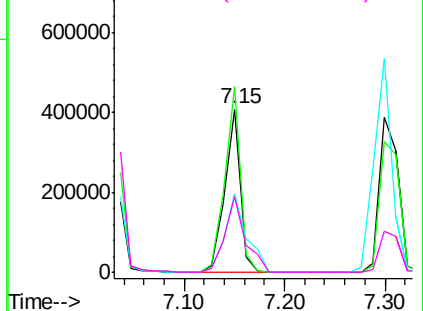
#17
2-Methylphenol
Concen: 52.72 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 438501
Ion Ratio Lower Upper
107 100
108 113.8 93.0 139.6
77 47.5 39.8 59.8
79 46.1 38.0 57.0

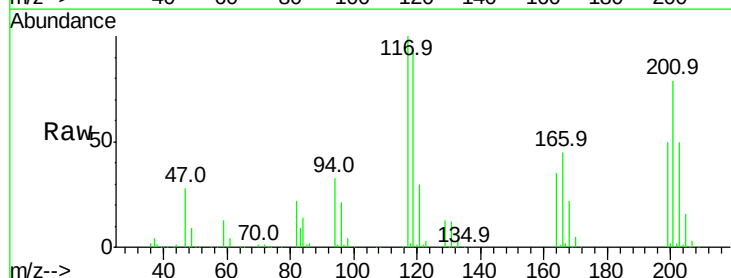


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

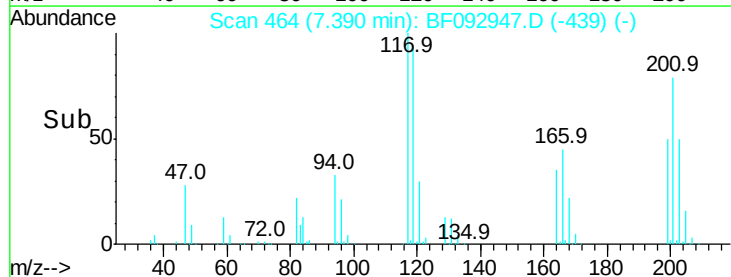
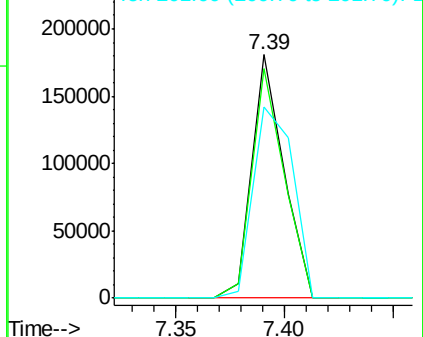


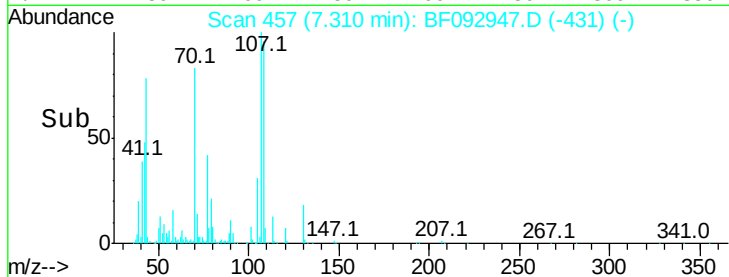
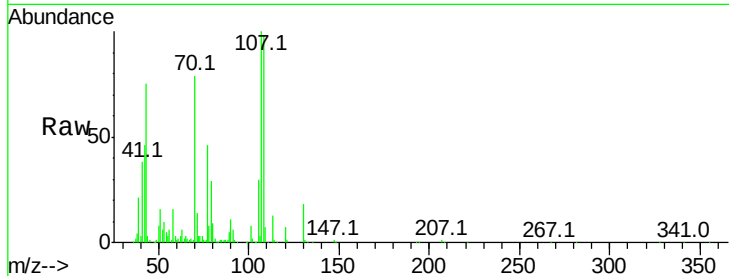
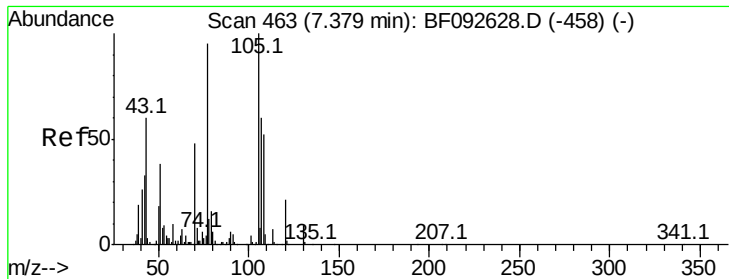
#18
Hexachloroethane
Concen: 47.04 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion:117 Resp: 184556
Ion Ratio Lower Upper
117 100
119 94.1 78.1 117.1
201 78.7 78.6 117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

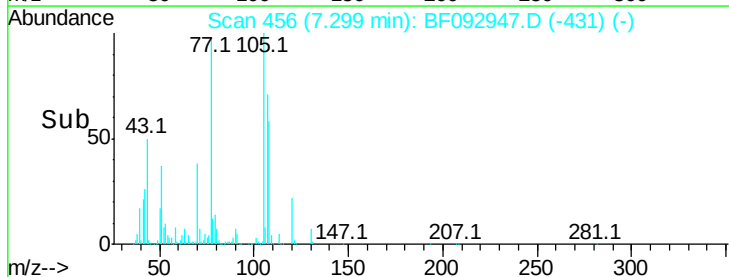
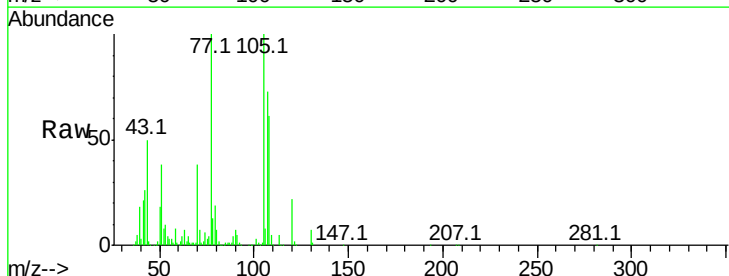
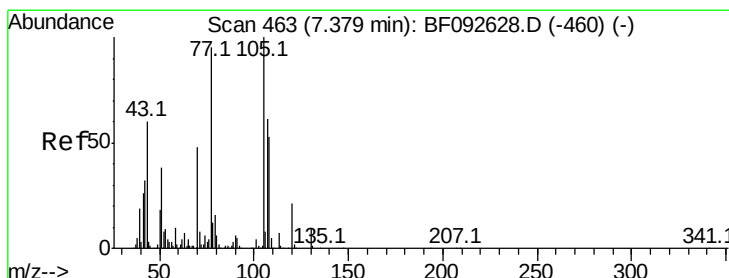
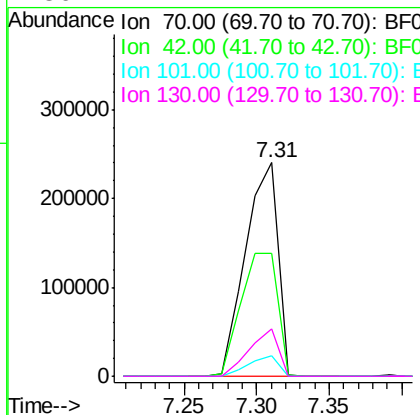




#19
n-Nitroso-di-n-propylamine
Concen: 51.85 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

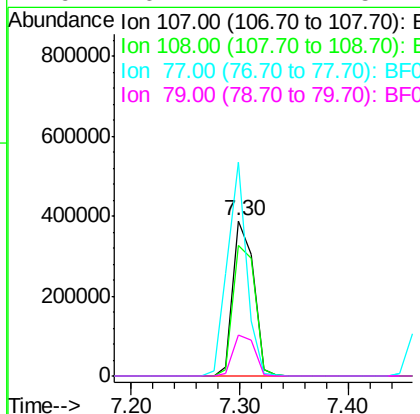
Instrument :
BNA_F
ClientSampleId :

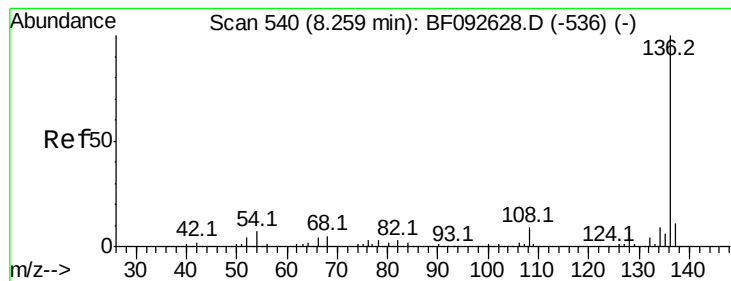
Tot Ion: 70 Resp: 373192
Ion Ratio Lower Upper
70 100
42 57.8 49.4 74.0
101 9.8 7.4 11.2
130 22.2 14.2 21.4#



#20
3+4-Methylphenols
Concen: 50.57 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion: 107 Resp: 502820
Ion Ratio Lower Upper
107 100
108 84.0 73.0 113.0
77 137.3 71.3 111.3#
79 26.2 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: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 619848

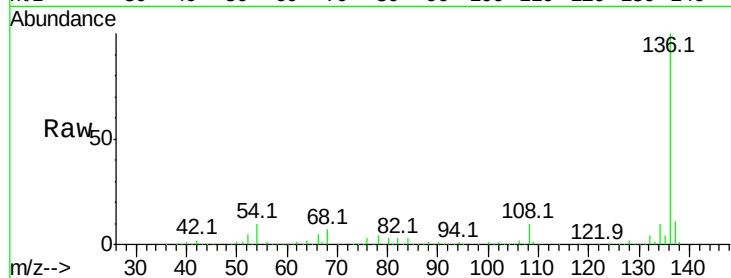
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 9.7 4.5 6.7#

68 7.0 3.6 5.4#

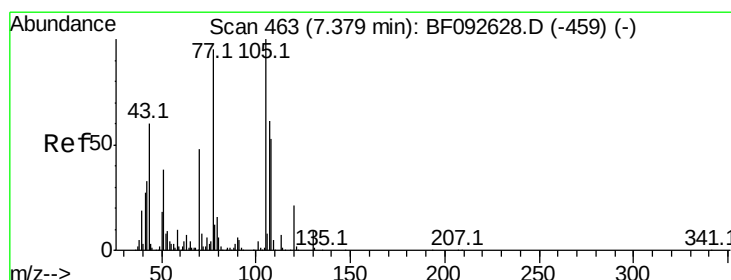
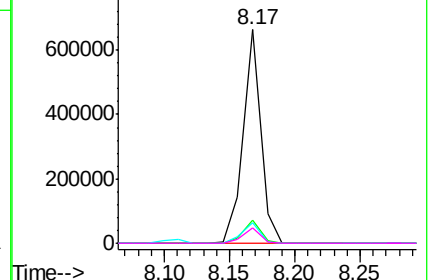
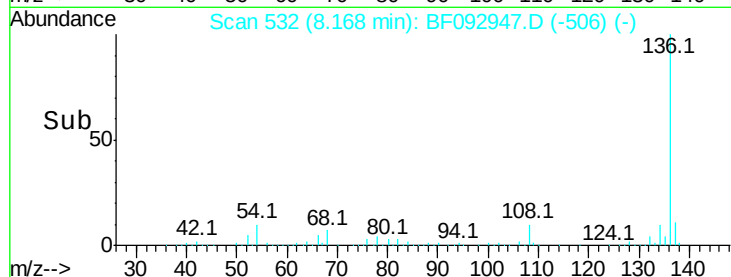


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.82 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Tgt Ion:105 Resp: 648517

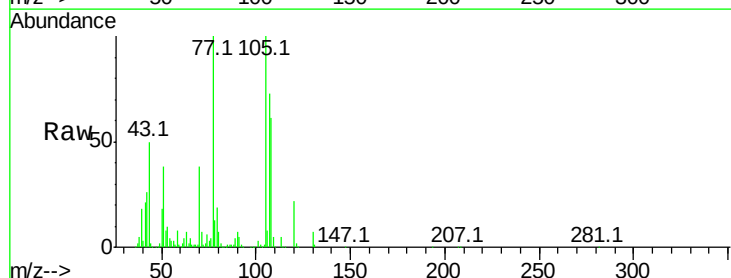
Ion Ratio Lower Upper

105 100

71 6.7 3.2 4.8#

51 38.5 26.2 39.4

120 22.2 16.6 24.8

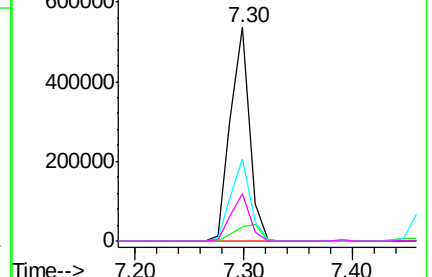
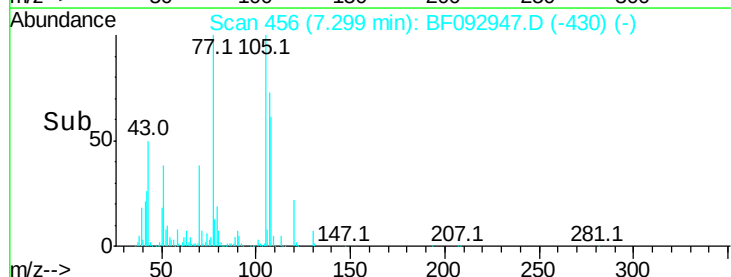


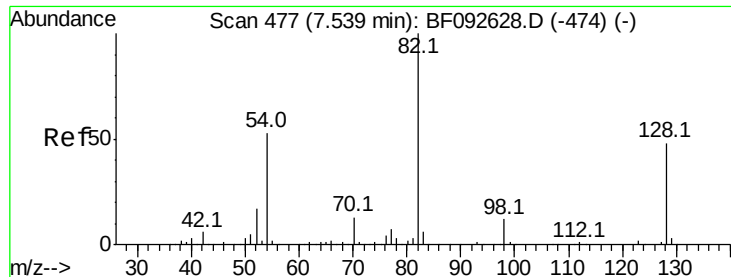
Abundance Ion 105.00 (104.70 to 105.70): E

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



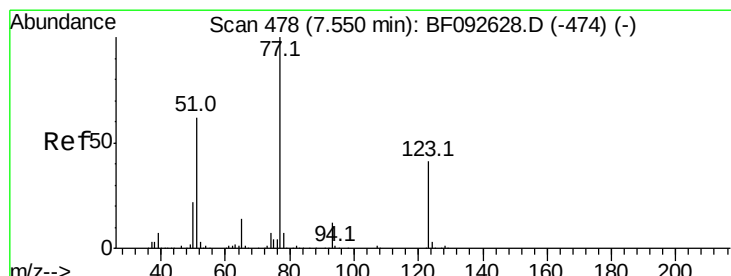
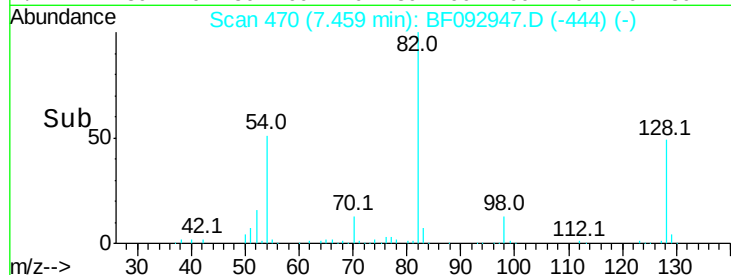
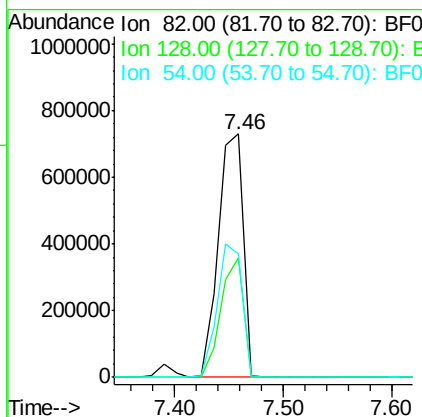
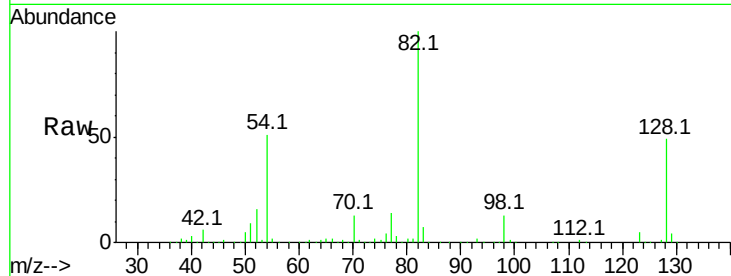


#23
 Nitrobenzene-d5
 Concen: 103.94 ng
 RT: 7.46 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 1156926

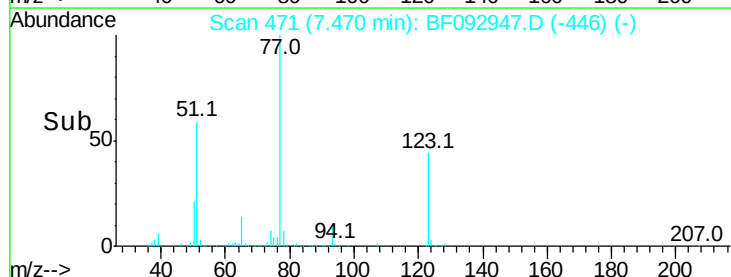
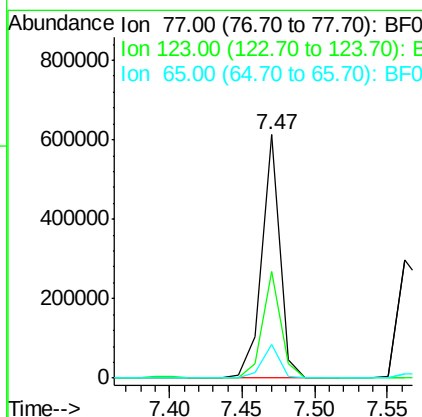
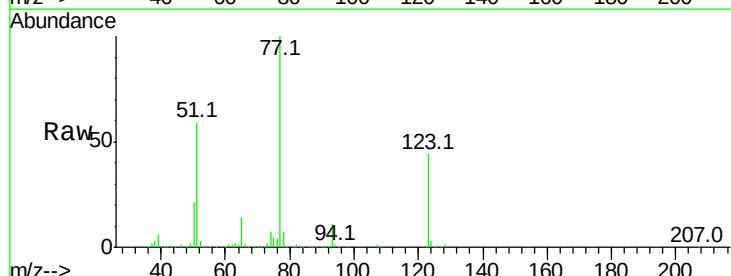
Ion	Ratio	Lower	Upper
82	100		
128	49.2	34.6	52.0
54	50.7	39.5	59.3

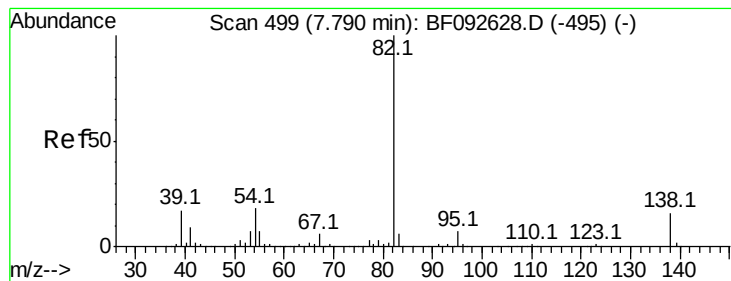


#24
 Nitrobenzene
 Concen: 46.31 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion: 77 Resp: 529248

Ion	Ratio	Lower	Upper
77	100		
123	43.8	33.0	49.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 49.57 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

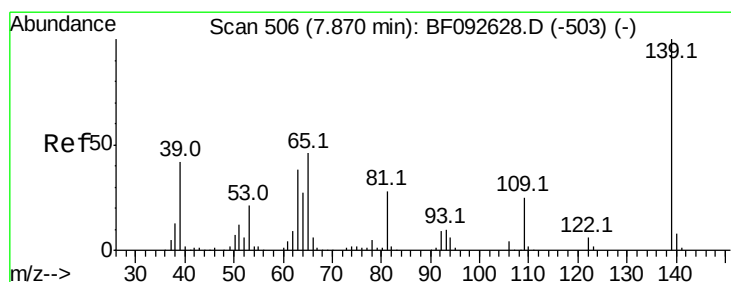
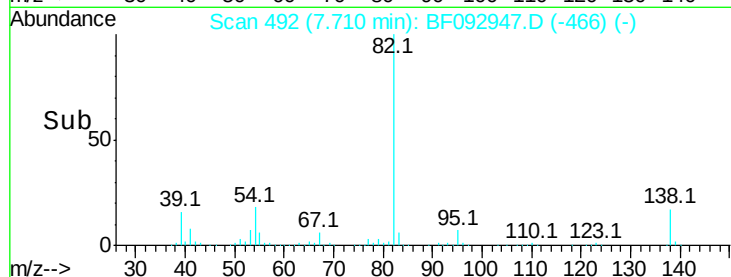
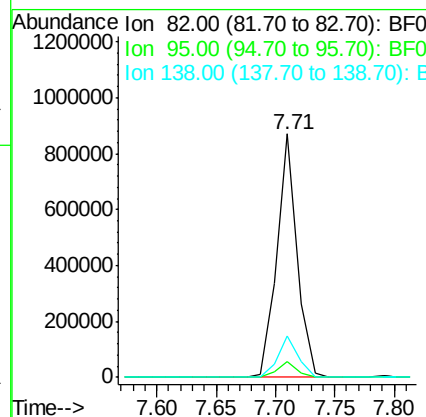
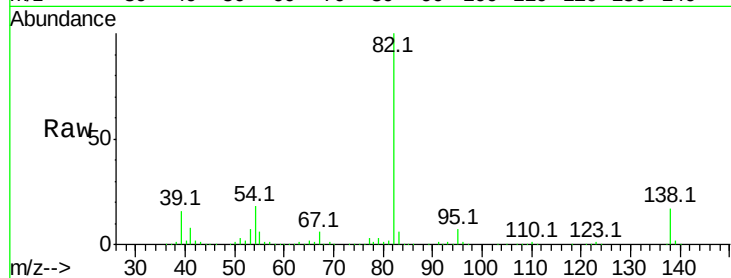
Tot Ion: 82 Resp: 1028249

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

138 16.7 14.6 22.0



#26

2-Nitrophenol

Concen: 55.75 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

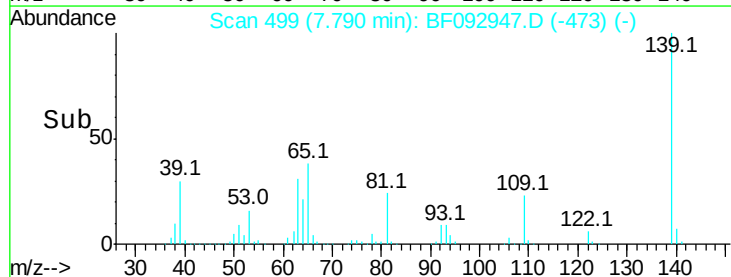
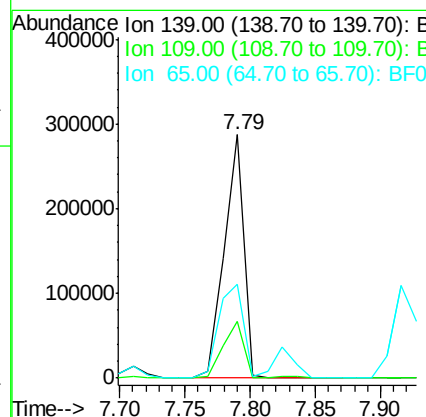
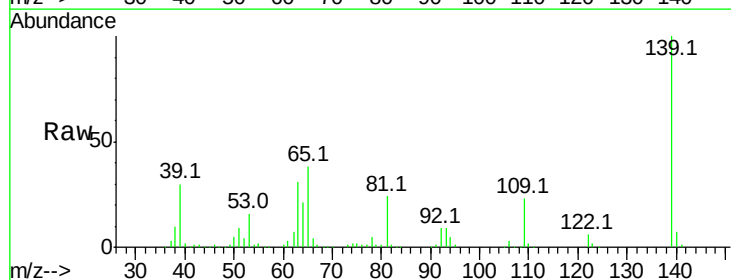
Tgt Ion:139 Resp: 302901

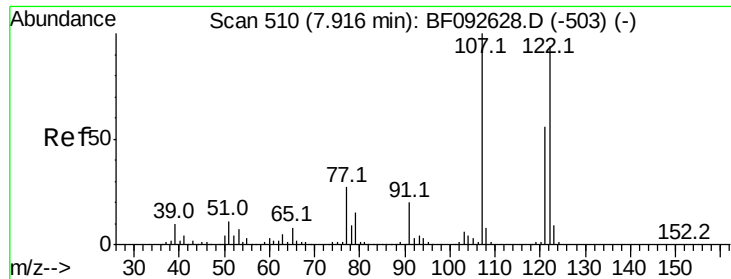
Ion Ratio Lower Upper

139 100

109 23.3 23.3 34.9

65 38.4 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 48.77 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampled :

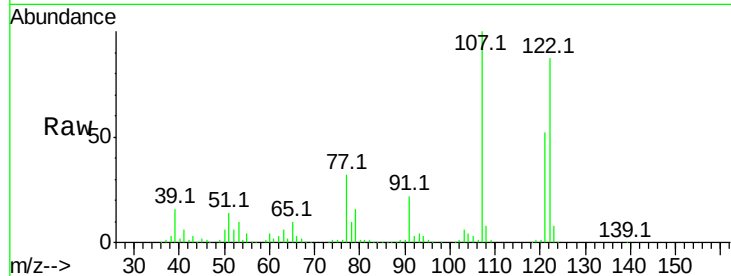
Tot Ion:122 Resp: 465364

Ion Ratio Lower Upper

122 100

107 115.0 94.1 141.1

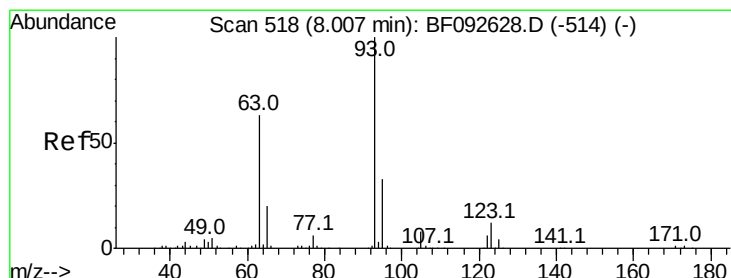
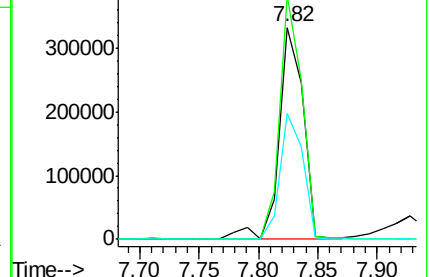
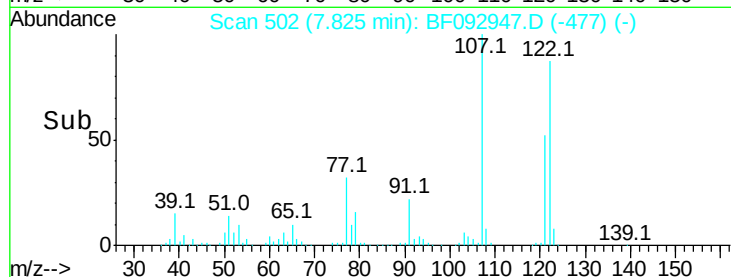
121 59.7 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.30 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

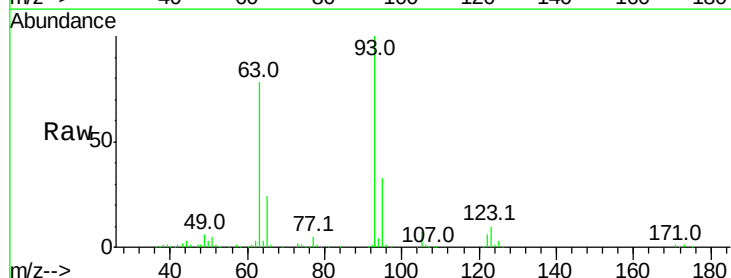
Tgt Ion: 93 Resp: 636088

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

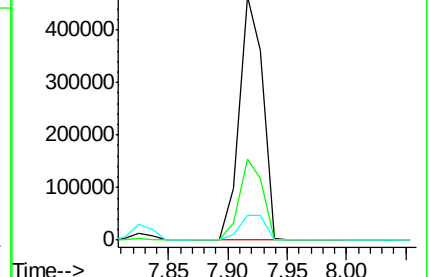
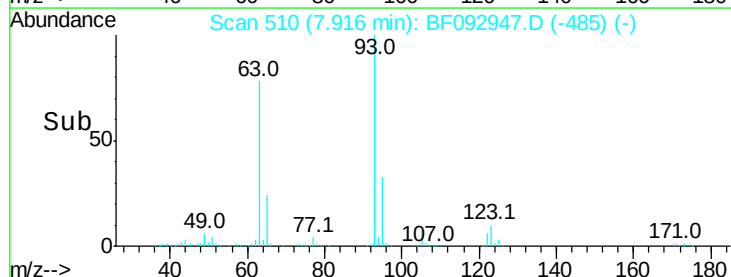
123 10.4 8.6 13.0

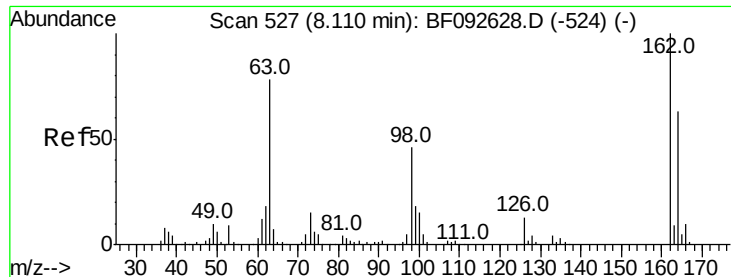


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

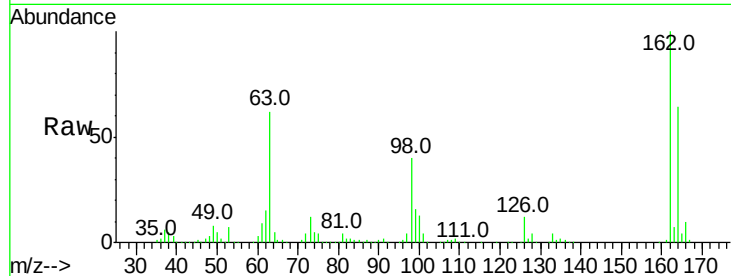




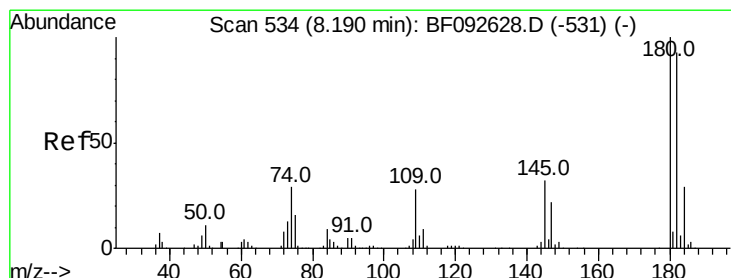
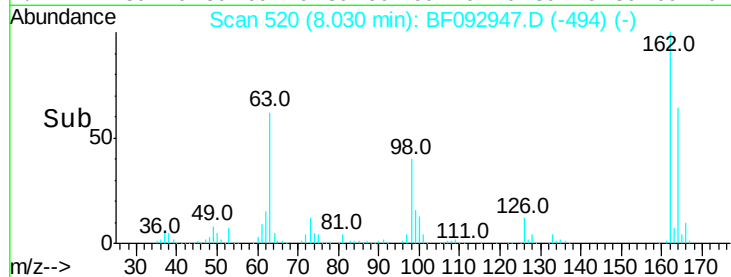
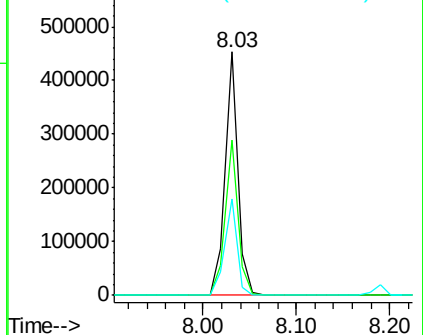
#29
 2,4-Dichlorophenol
 Concen: 48.32 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	46.8	86.8
98	39.7	9.1	49.1

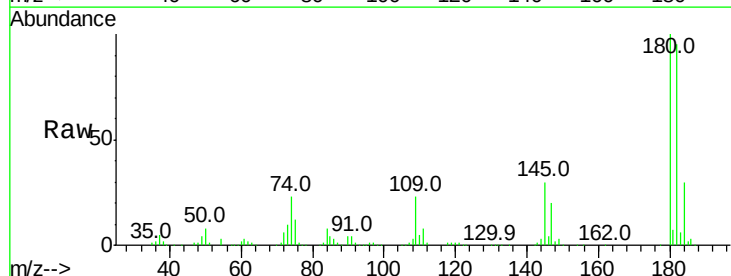


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

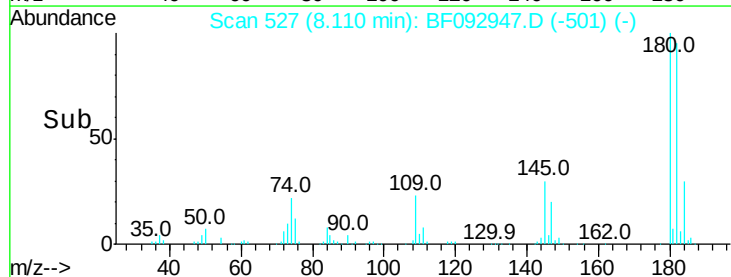
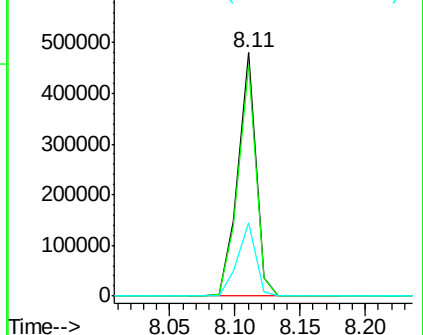


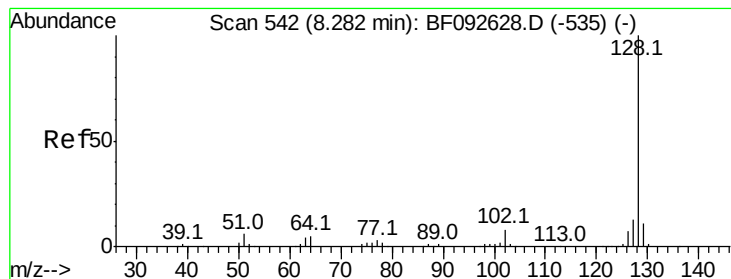
#30
 1,2,4-Trichlorobenzene
 Concen: 47.86 ng
 RT: 8.11 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.2	117.4
145	30.3	21.6	32.4



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.40 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

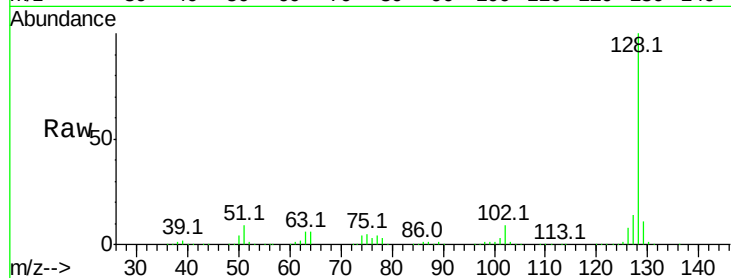
Tot Ion:128 Resp: 1395157

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

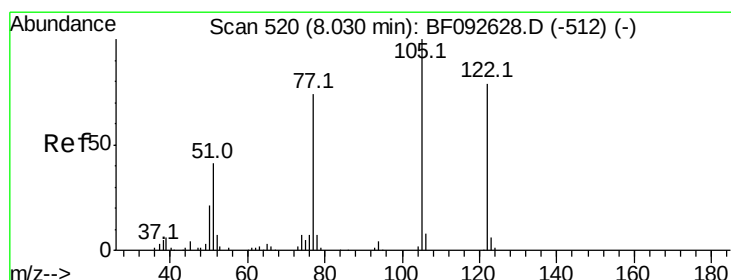
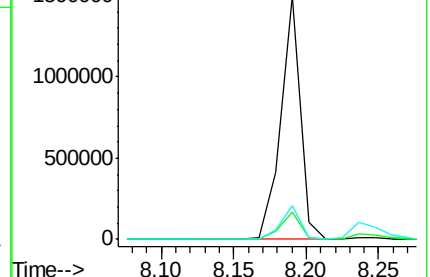
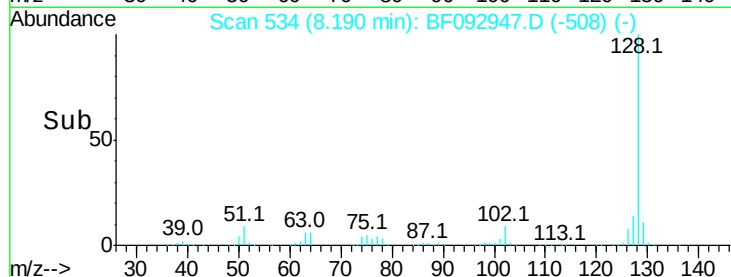
127 13.8 10.8 16.2



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: 20.83 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.05 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

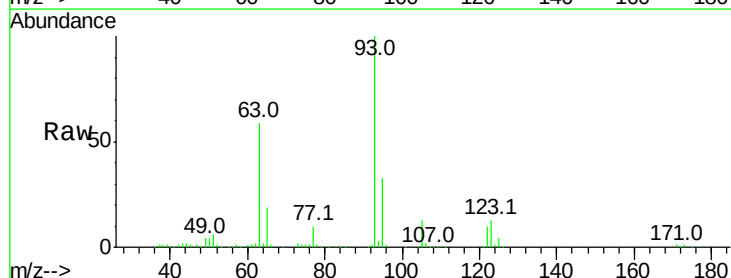
Tgt Ion:122 Resp: 86839

Ion Ratio Lower Upper

122 100

105 129.9 107.2 147.2

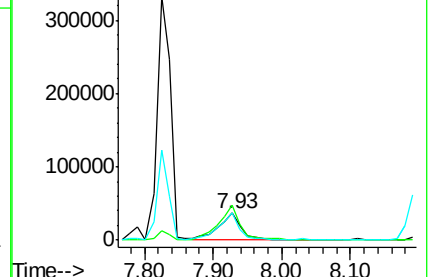
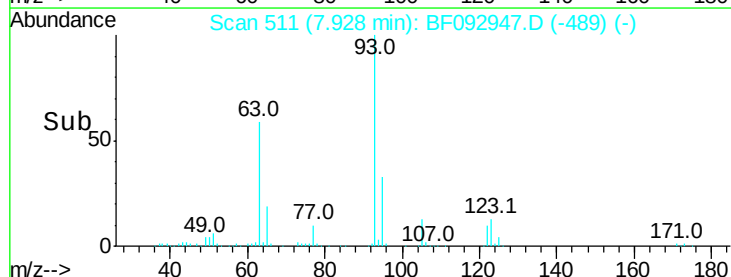
77 99.1 74.5 114.5

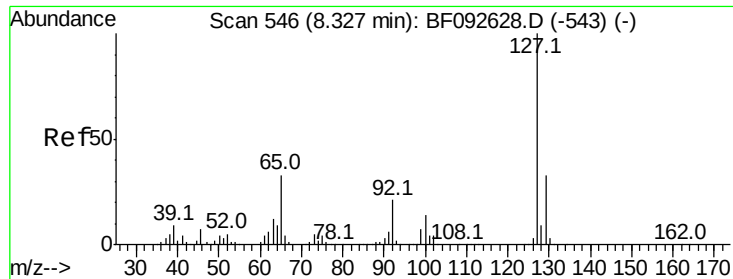


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

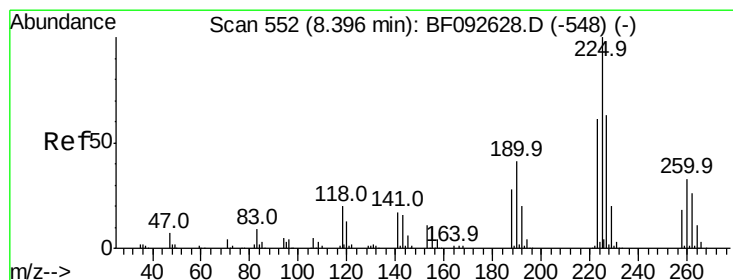
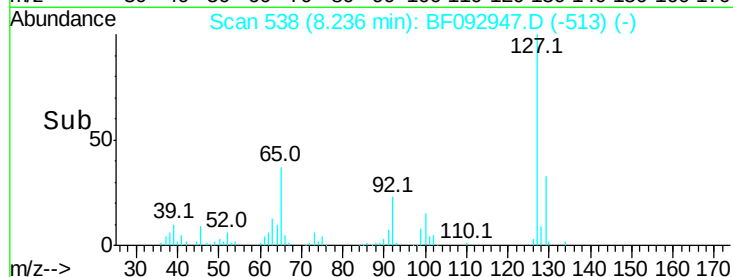
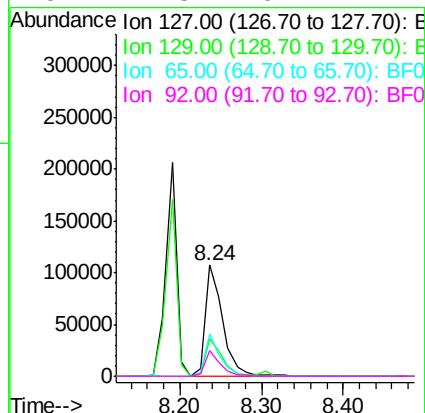
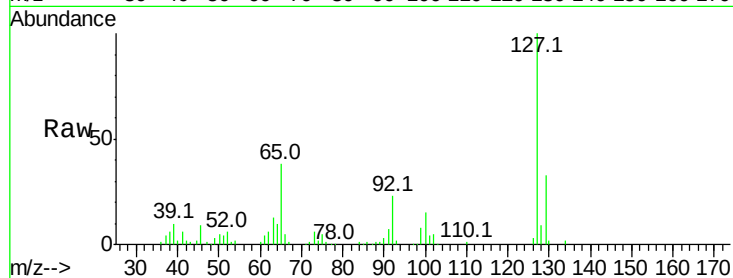




#33
4-Chloroaniline
Concen: 13.24 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

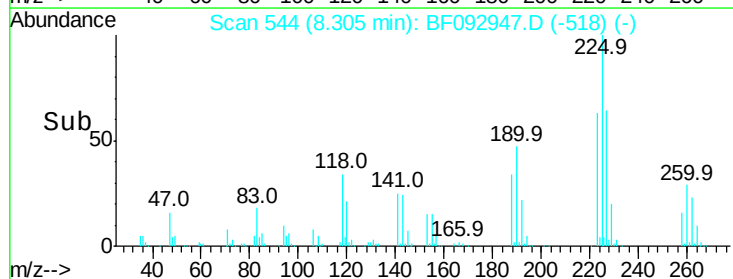
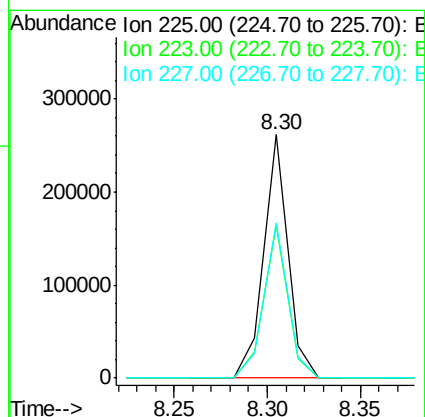
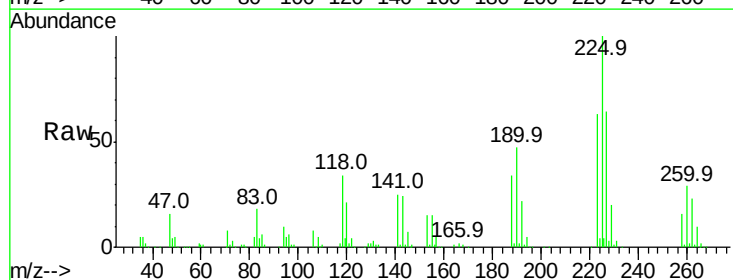
Instrument :
BNA_F
ClientSampleId :

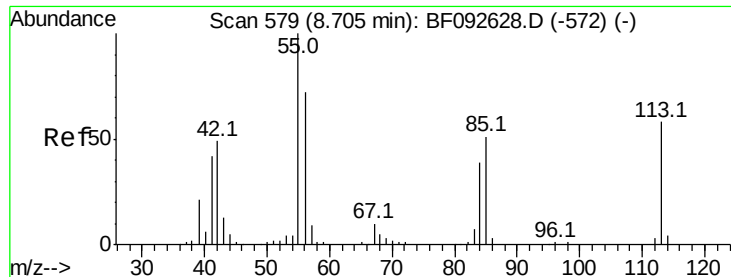
Tot Ion:	127	Resp:	163099
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.3	39.5
65	37.9	25.8	38.8
92	22.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 44.26 ng
RT: 8.30 min Scan# 544
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion:	225	Resp:	233505
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	63.7	50.6	76.0





#35

Caprolactam

Concen: 36.39 ng

RT: 8.62 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampled :

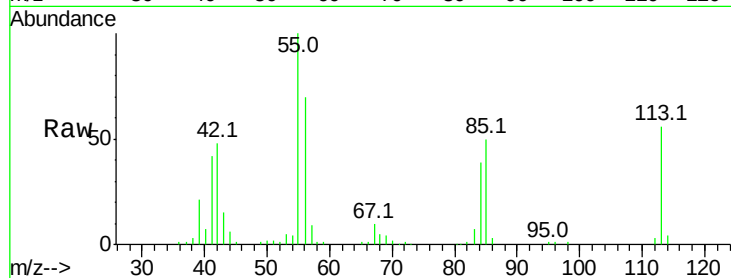
Tot Ion:113 Resp: 101867

Ion Ratio Lower Upper

113 100

55 178.9 119.2 159.2#

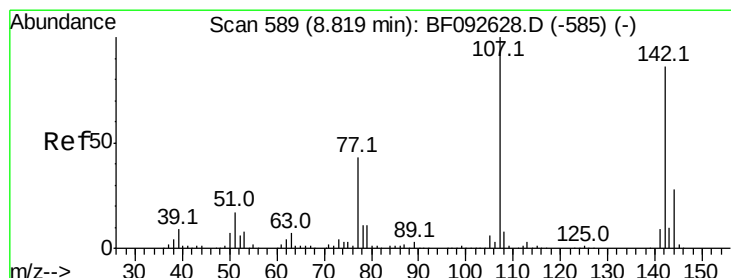
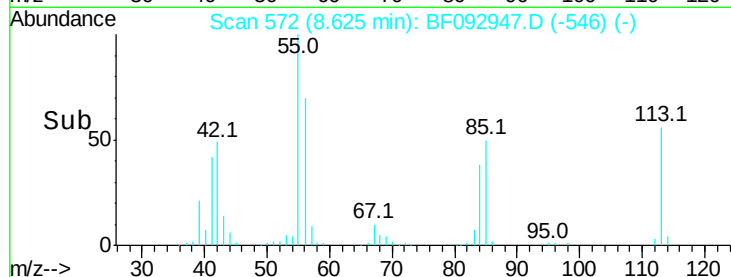
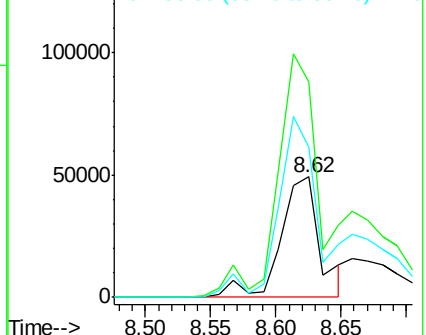
56 124.5 83.8 123.8#



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: 53.44 ng

RT: 8.74 min Scan# 582

Delta R.T. 0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

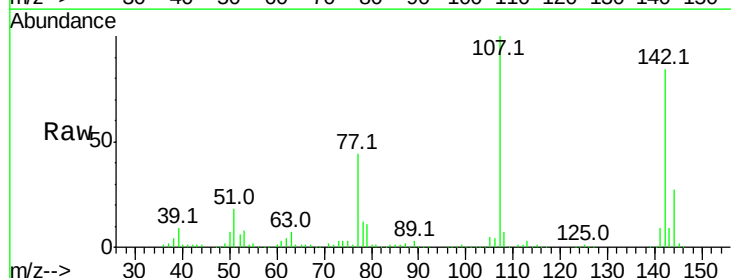
Tgt Ion:107 Resp: 495834

Ion Ratio Lower Upper

107 100

144 26.7 19.3 28.9

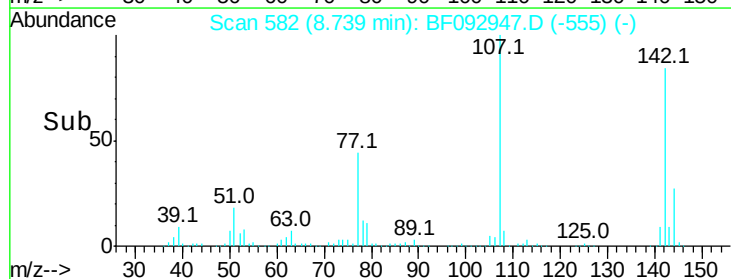
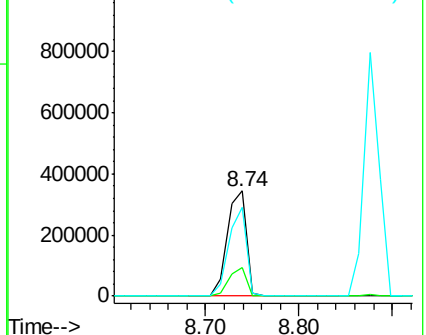
142 83.7 59.0 88.6

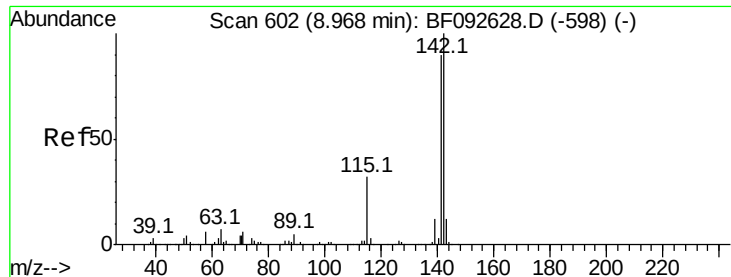


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.10 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampled :

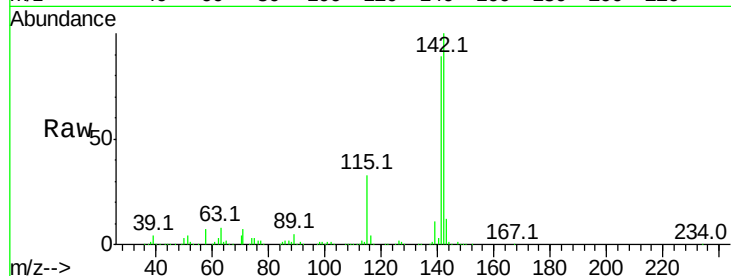
Tot Ion:142 Resp: 909807

Ion Ratio Lower Upper

142 100

141 88.7 71.0 106.6

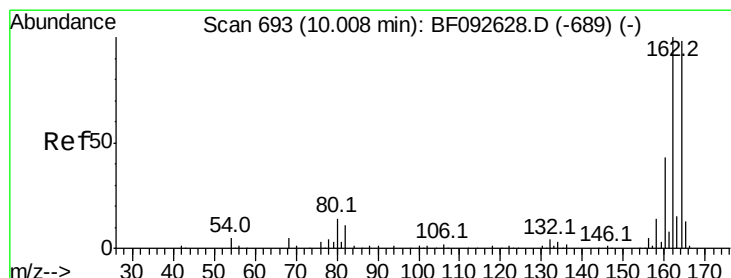
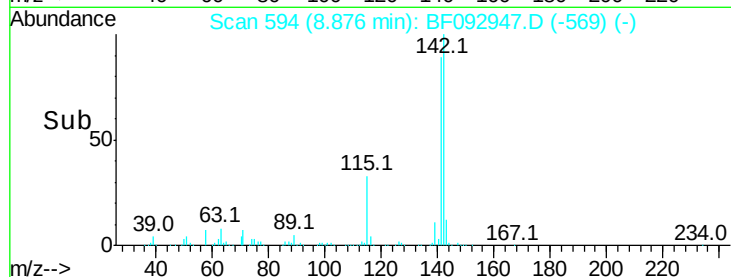
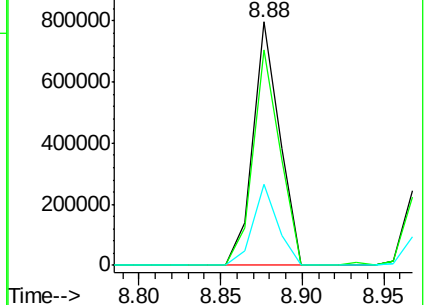
115 33.4 28.3 42.5



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: BF092947.D

Acq: 14 Feb 2017 16:42

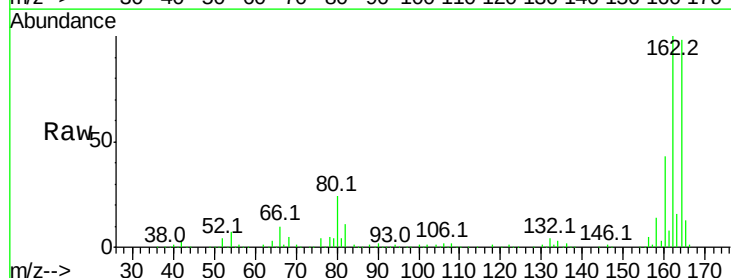
Tgt Ion:164 Resp: 321205

Ion Ratio Lower Upper

164 100

162 102.2 80.2 120.2

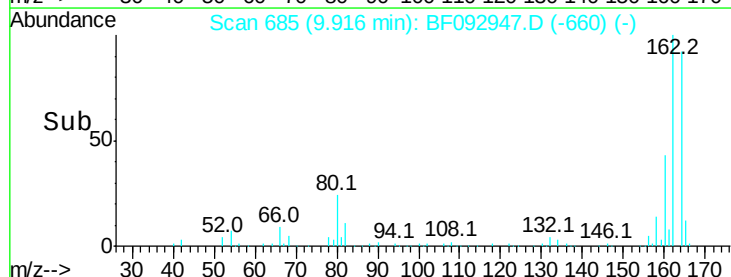
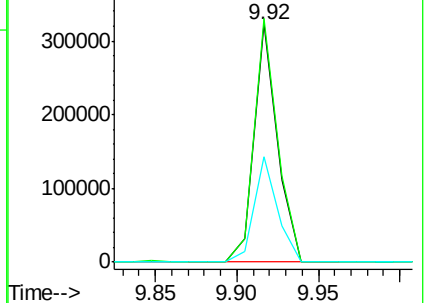
160 44.1 36.9 55.3

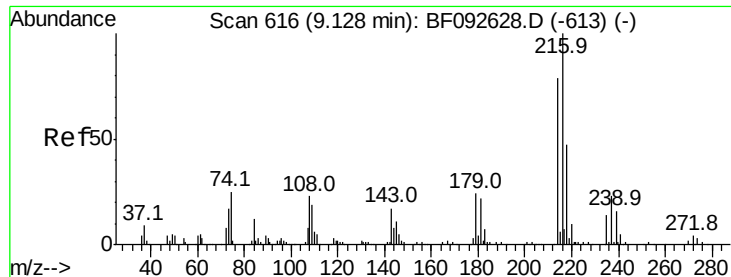


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

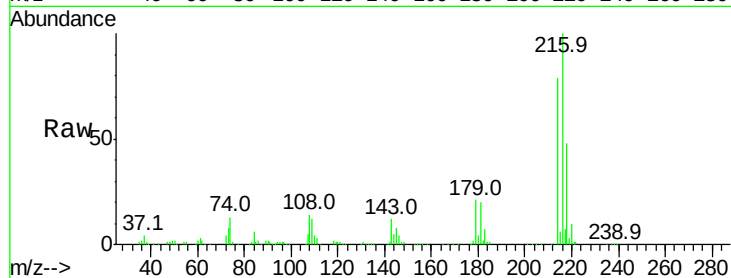




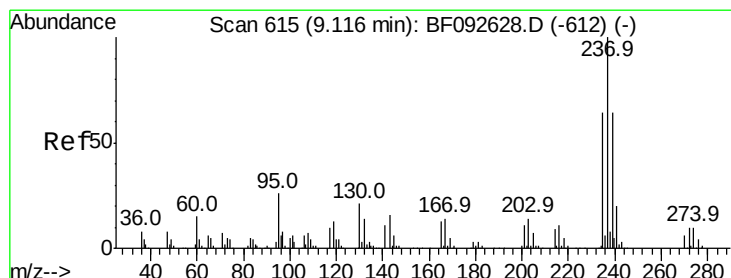
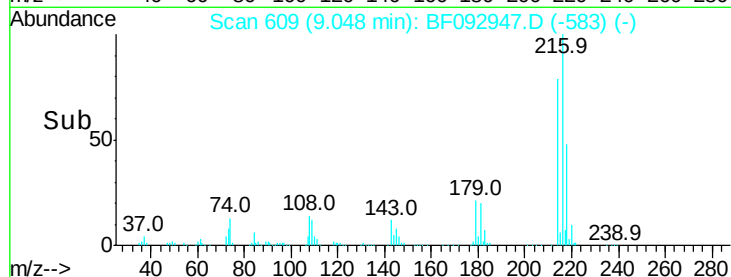
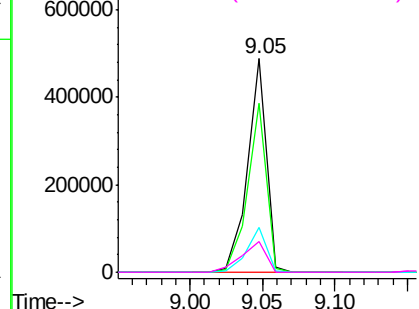
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.79 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	439940
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
179	21.7	17.4	26.2
108	18.8	15.6	23.4

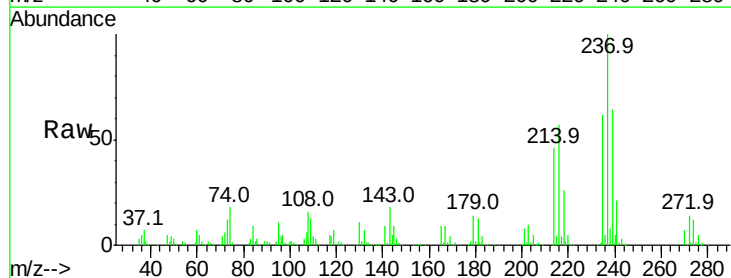


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

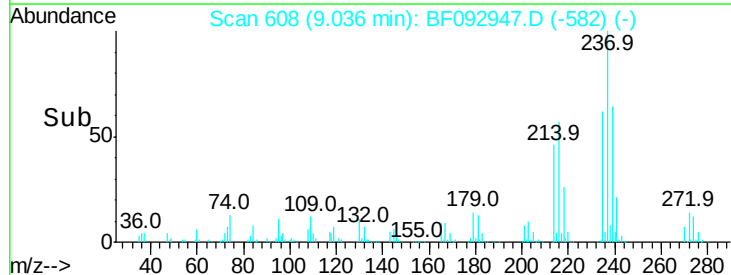
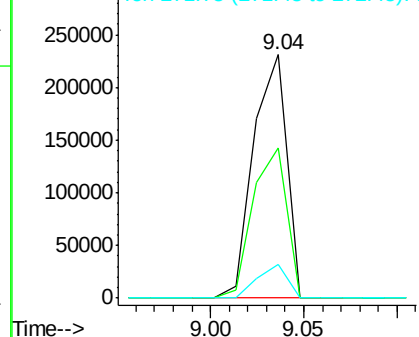


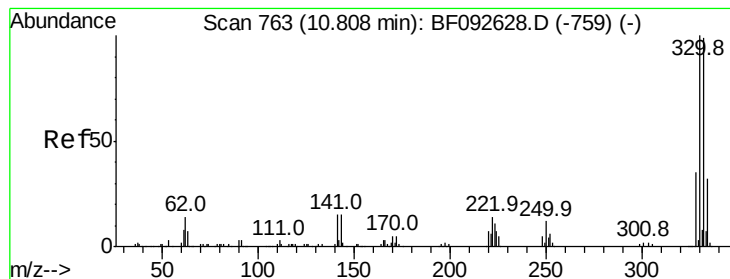
#40
 Hexachlorocyclopentadiene
 Concen: 69.89 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion:	237	Resp:	284329
Ion	Ratio	Lower	Upper
237	100		
235	61.7	41.2	81.2
272	14.0	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: 161.49 ng

RT: 10.72 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

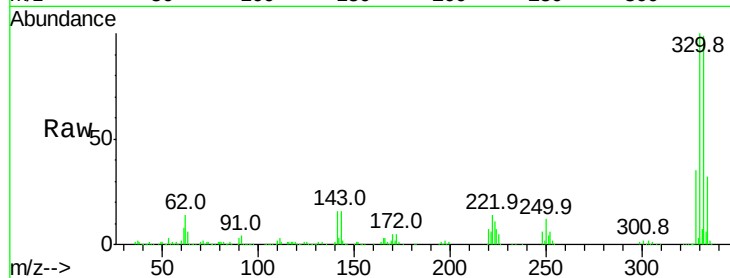
Tot Ion:330 Resp: 375176

Ion Ratio Lower Upper

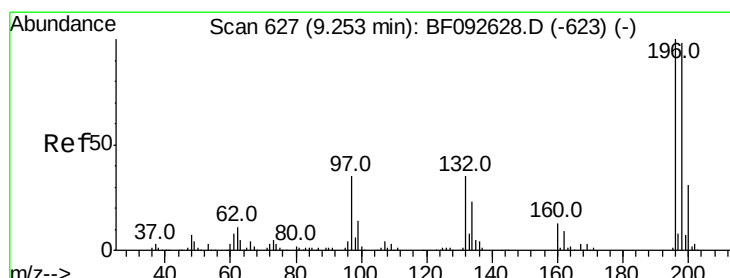
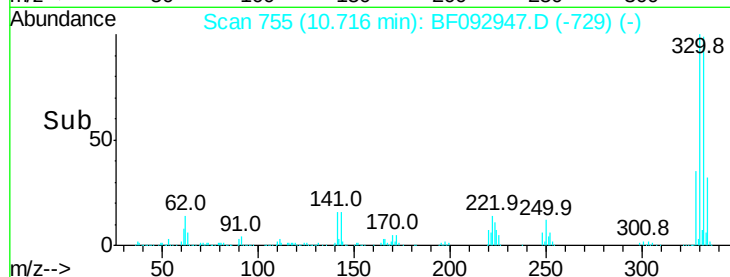
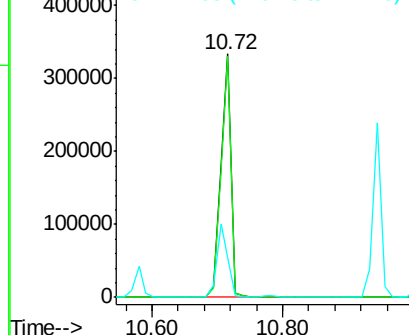
330 100

332 97.8 77.4 116.2

141 32.1 34.1 51.1#



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



#42

2,4,6-Trichlorophenol

Concen: 51.64 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

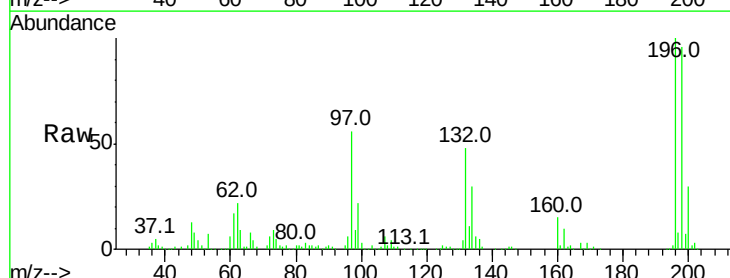
Tgt Ion:196 Resp: 305949

Ion Ratio Lower Upper

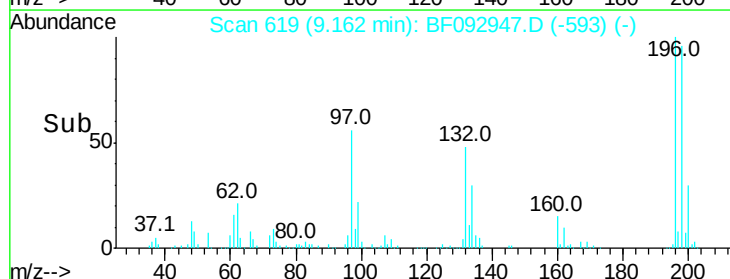
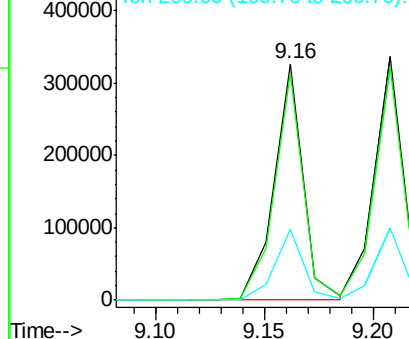
196 100

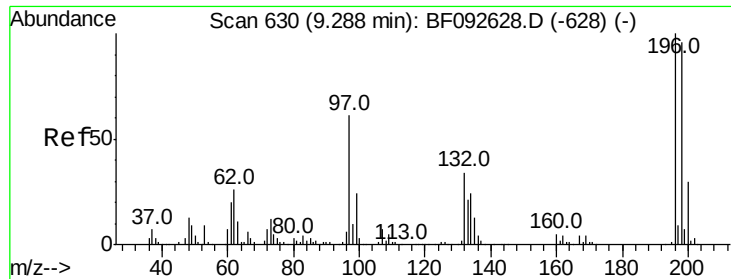
198 95.8 82.1 123.1

200 29.7 27.0 40.4



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

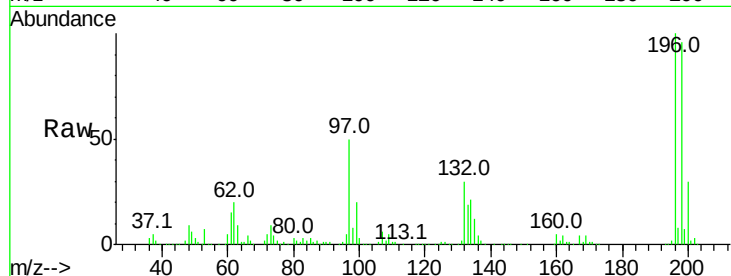




#43
 2,4,5-Trichlorophenol
 Concen: 47.97 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	79.4	119.2
97	50.0	51.5	77.3#
132	30.2	27.4	41.2



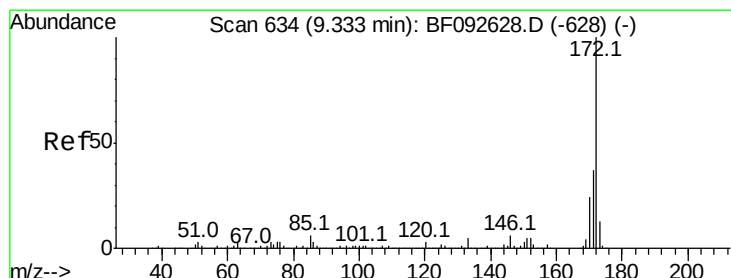
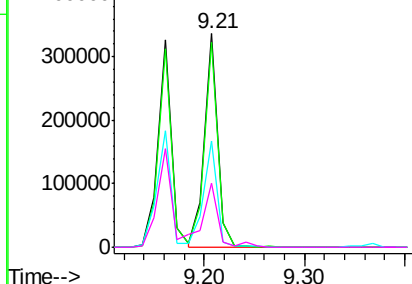
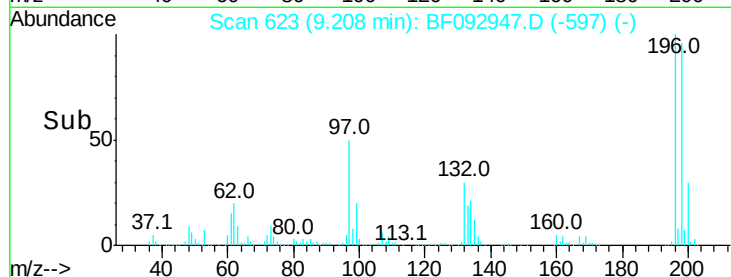
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

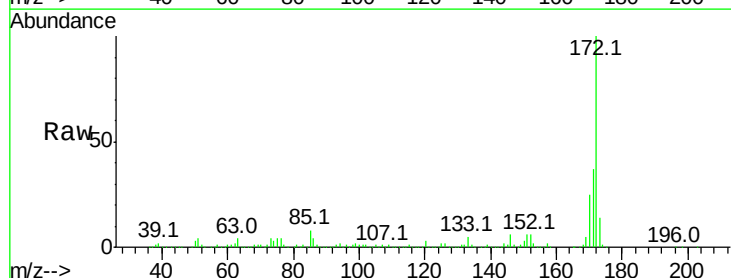
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.99 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.5	20.2	30.4

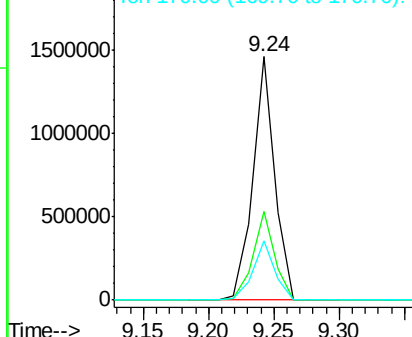
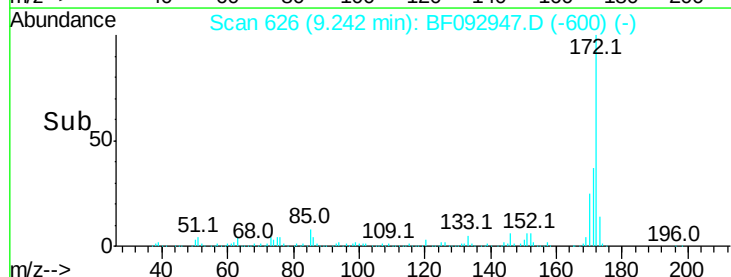


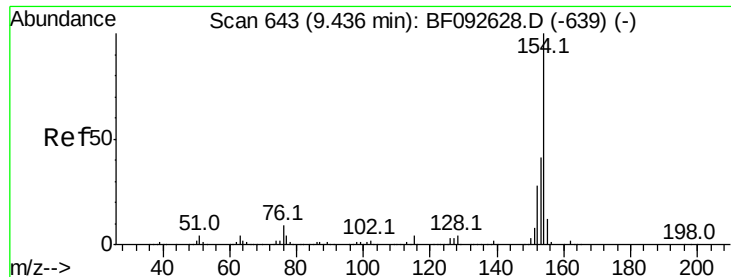
Abundance

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: 48.69 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

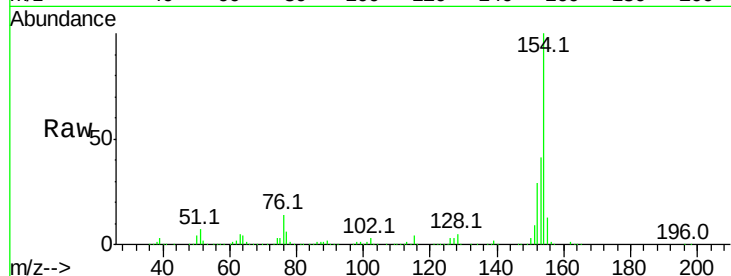
Tot Ion:154 Resp: 1132389

Ion Ratio Lower Upper

154 100

153 41.0 20.9 60.9

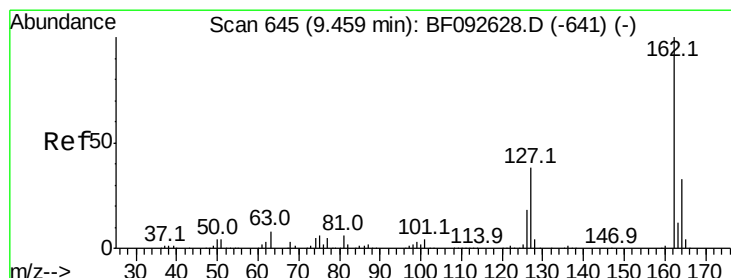
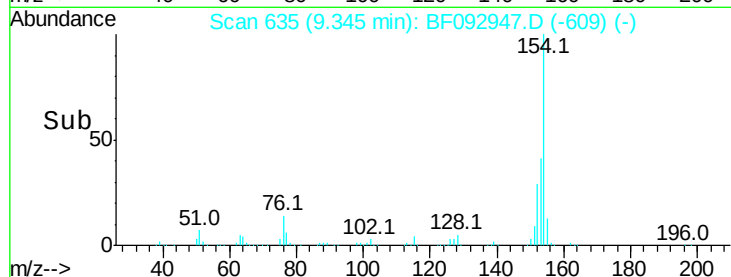
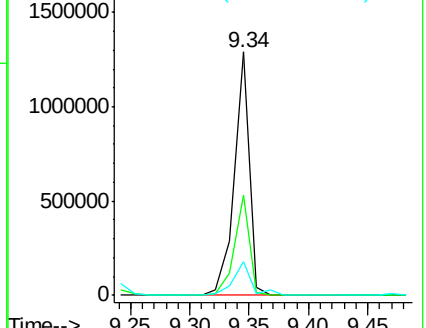
76 13.7 0.0 30.5



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: 47.51 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

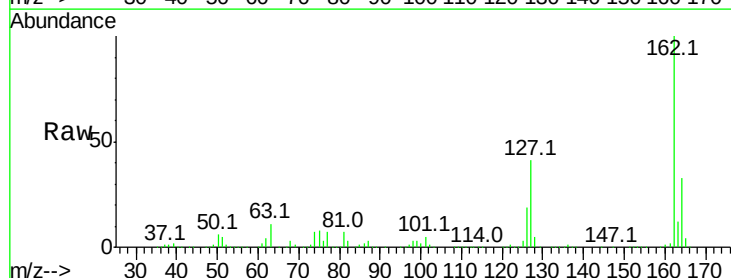
Tgt Ion:162 Resp: 864408

Ion Ratio Lower Upper

162 100

127 40.6 30.7 46.1

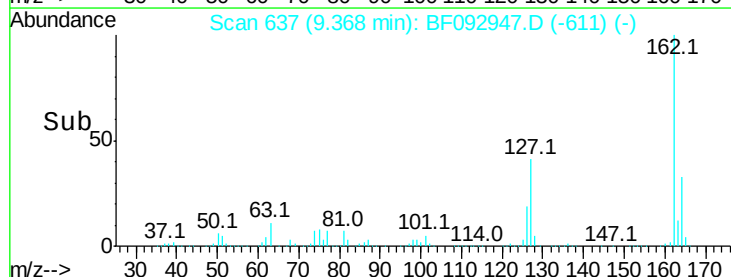
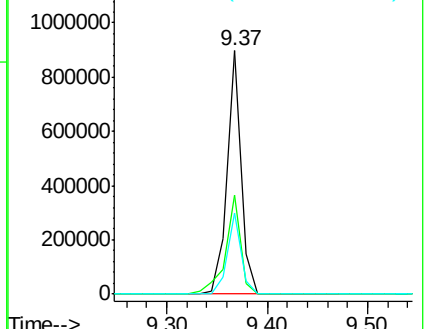
164 33.3 27.6 41.4

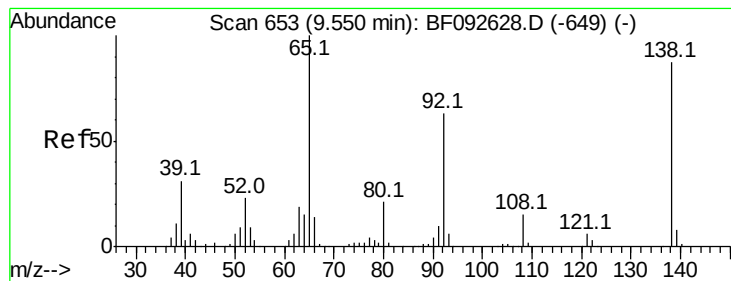


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 54.31 ng

RT: 9.47 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampled :

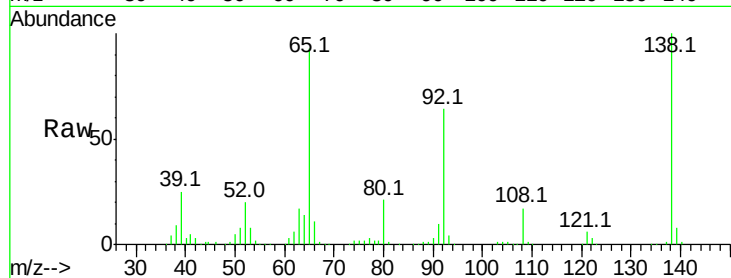
Tot Ion: 65 Resp: 332257

Ion Ratio Lower Upper

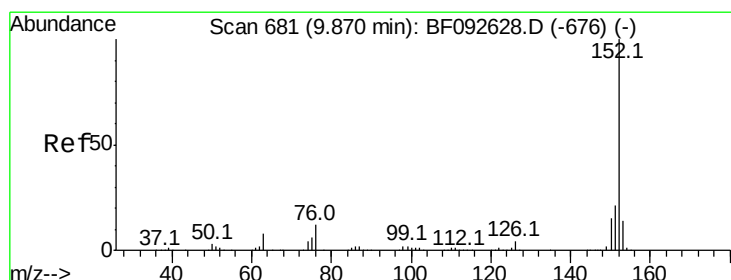
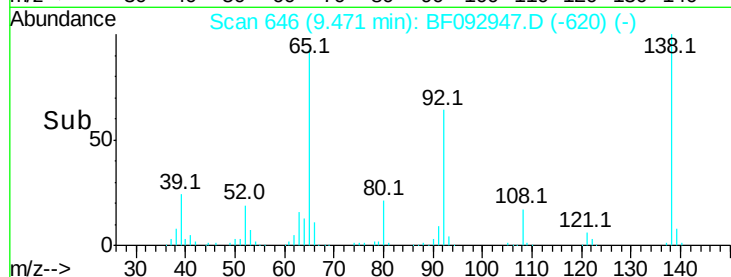
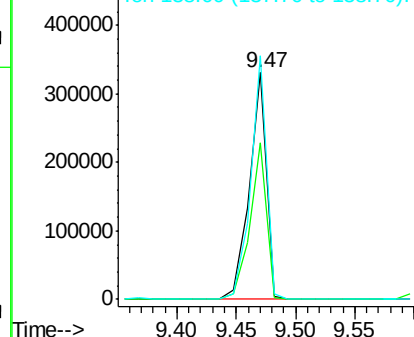
65 100

92 69.1 53.9 80.9

138 107.3 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 44.61 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

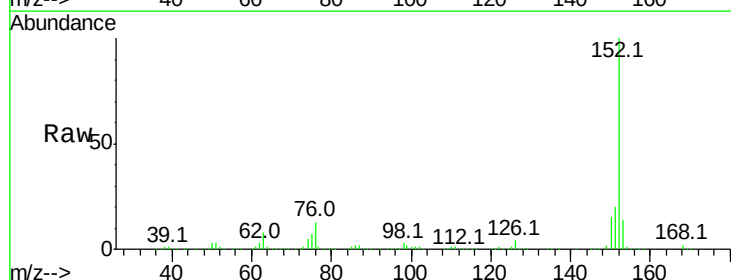
Tgt Ion:152 Resp: 1402081

Ion Ratio Lower Upper

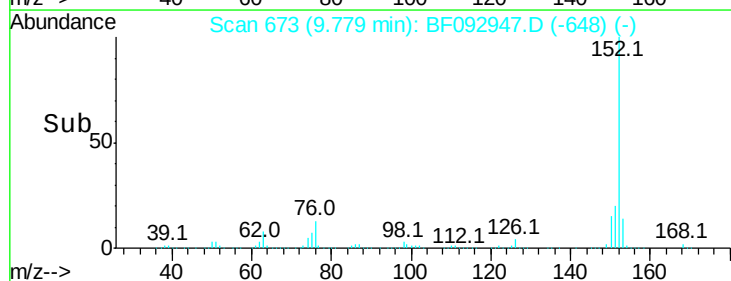
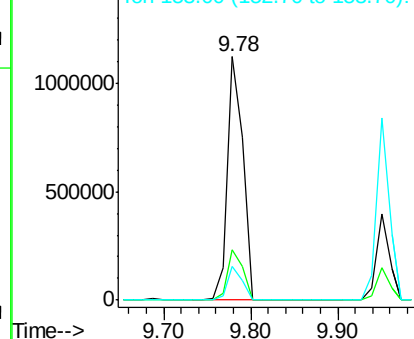
152 100

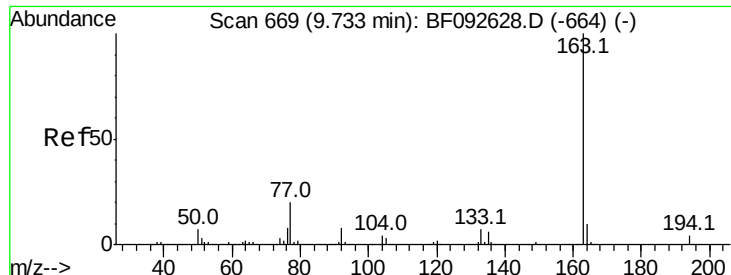
151 20.4 16.9 25.3

153 13.7 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

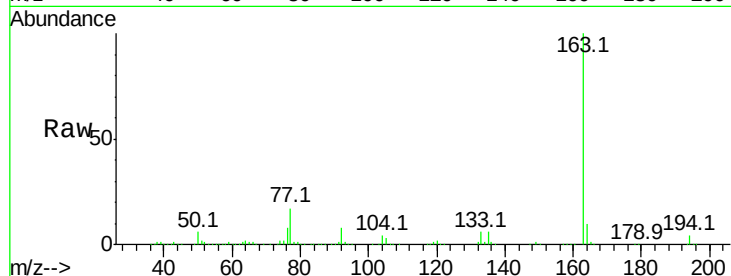




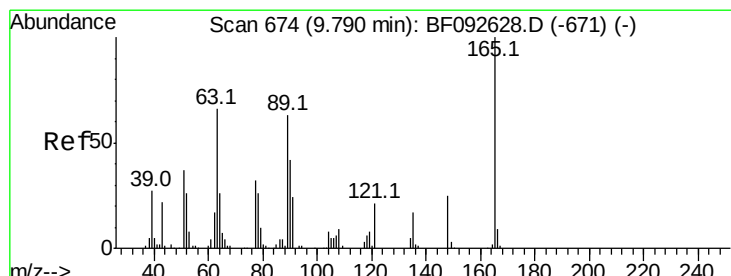
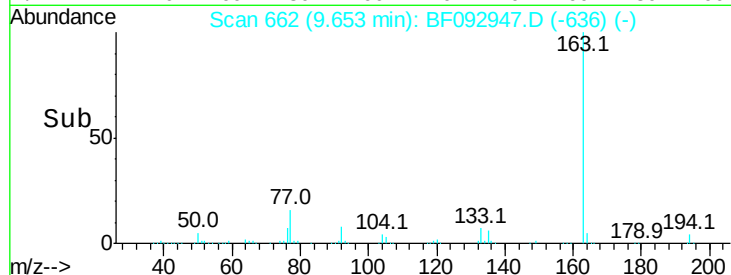
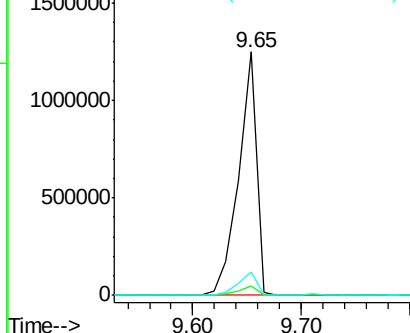
#49
Dimethylphthalate
Concen: 64.97 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1405577
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 9.9 8.0 12.0

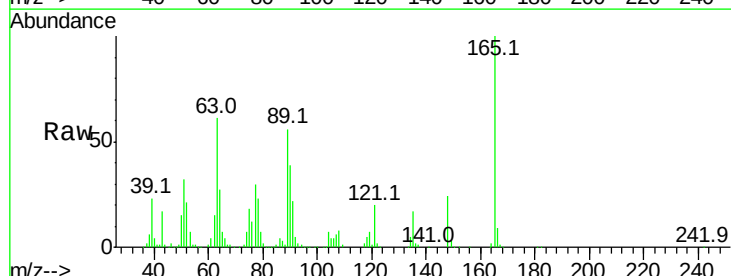


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

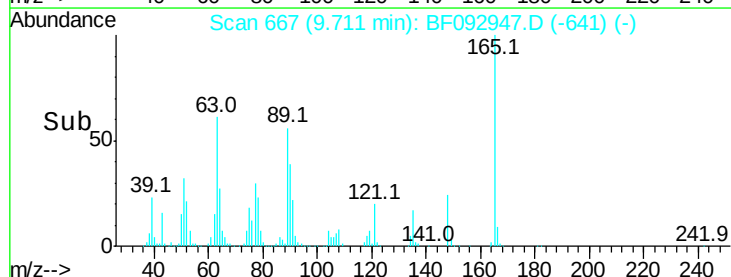
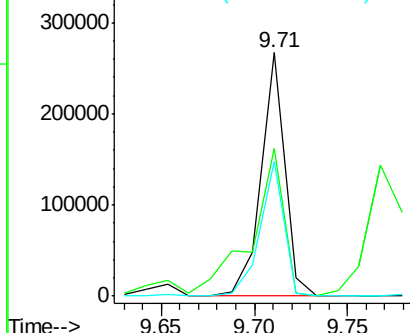


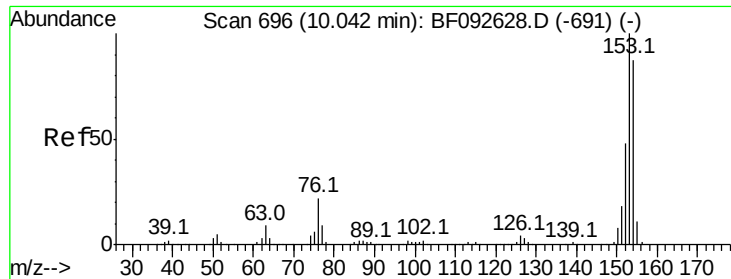
#50
2,6-Dinitrotoluene
Concen: 49.80 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion:165 Resp: 232664
Ion Ratio Lower Upper
165 100
63 60.9 36.2 54.4#
89 55.6 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: 45.73 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

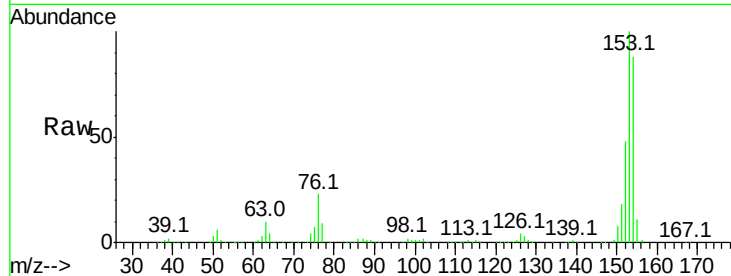
Tot Ion:154 Resp: 859296

Ion Ratio Lower Upper

154 100

153 114.0 88.6 133.0

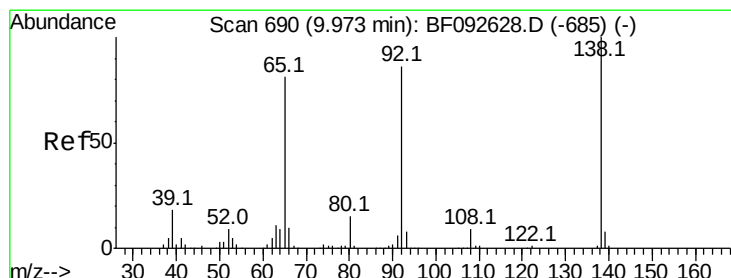
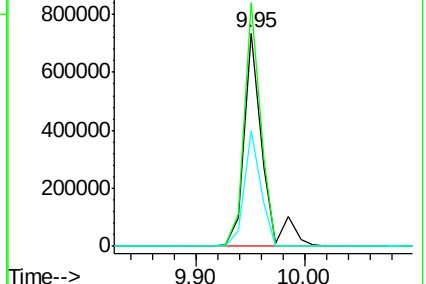
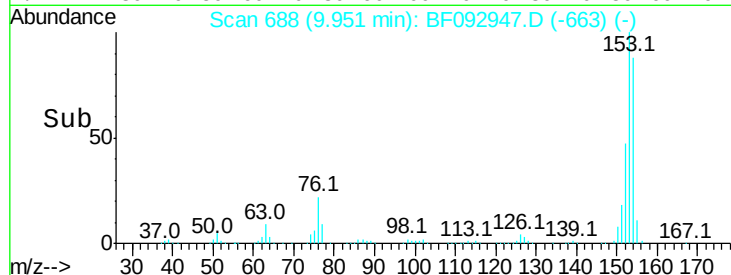
152 54.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.10 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

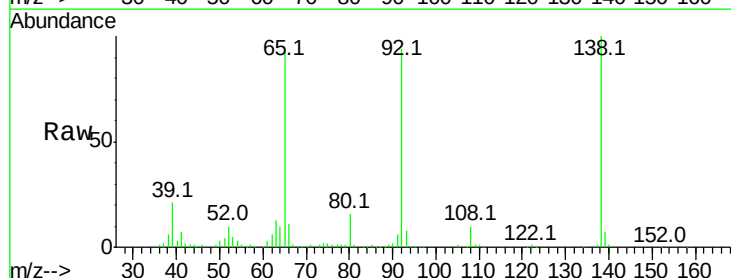
Tgt Ion:138 Resp: 160941

Ion Ratio Lower Upper

138 100

108 9.7 8.5 12.7

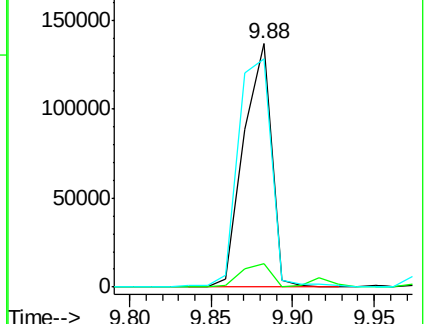
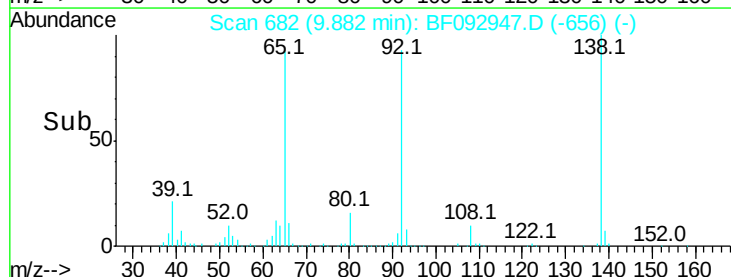
92 93.7 97.8 146.8#

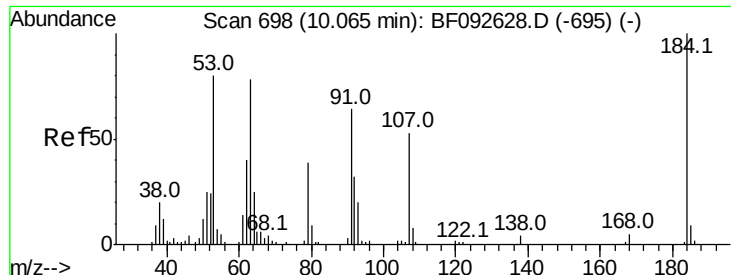


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

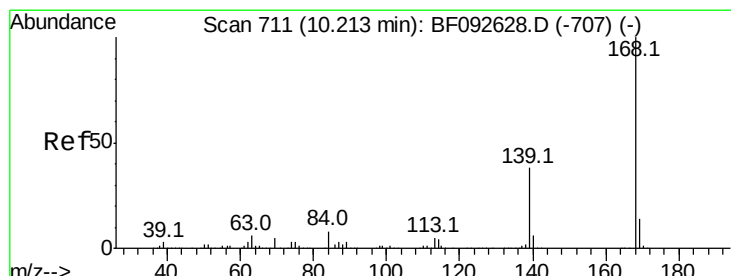
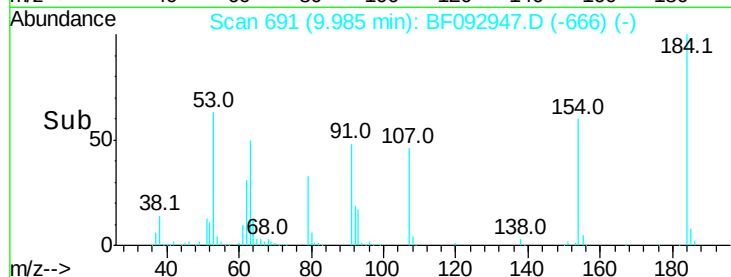
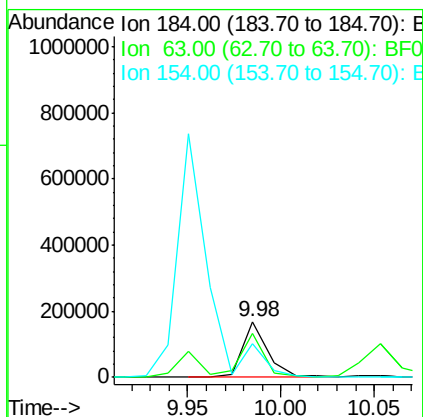
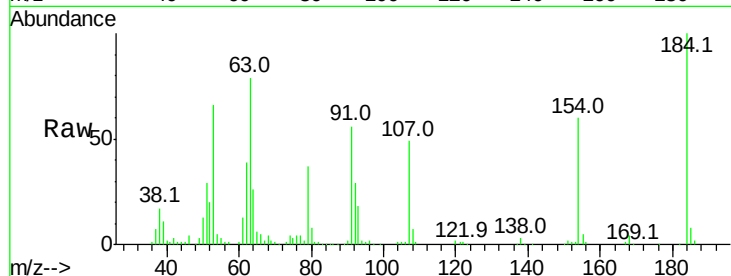




#53
 2,4-Dinitrophenol
 Concen: 68.87 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

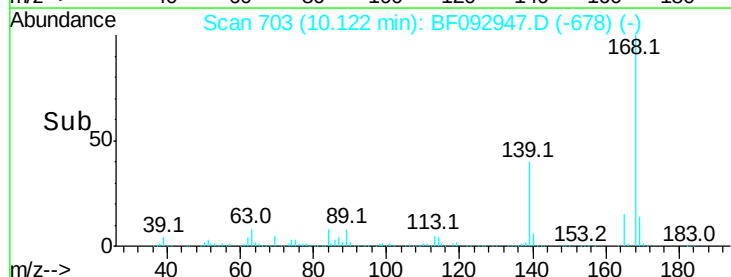
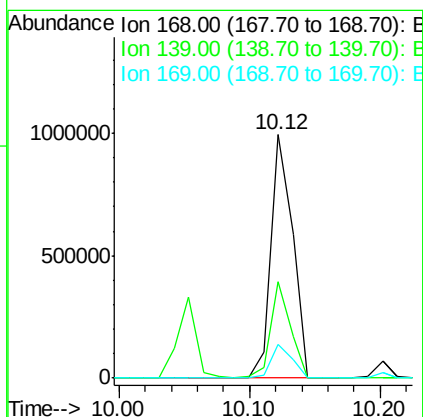
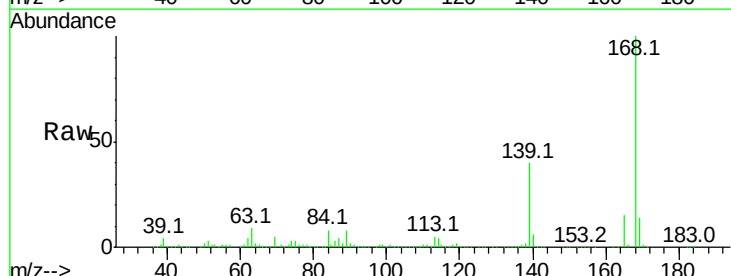
Instrument :
 BNA_F
 ClientSampleId :

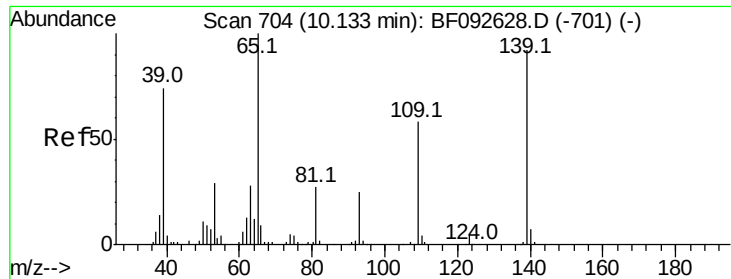
Tot Ion:184 Resp: 162025
 Ion Ratio Lower Upper
 184 100
 63 78.8 28.4 42.6#
 154 60.5 44.3 66.5



#54
 Dibenzofuran
 Concen: 46.34 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion:168 Resp: 1164741
 Ion Ratio Lower Upper
 168 100
 139 39.7 32.6 49.0
 169 13.8 11.3 16.9

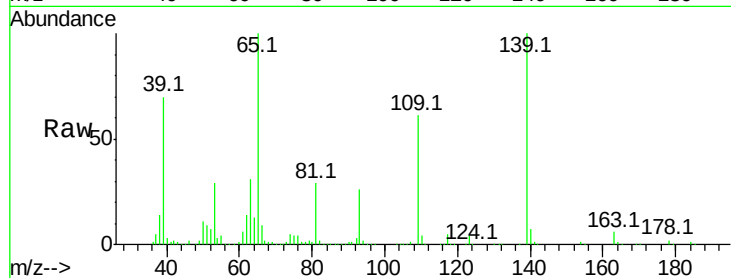




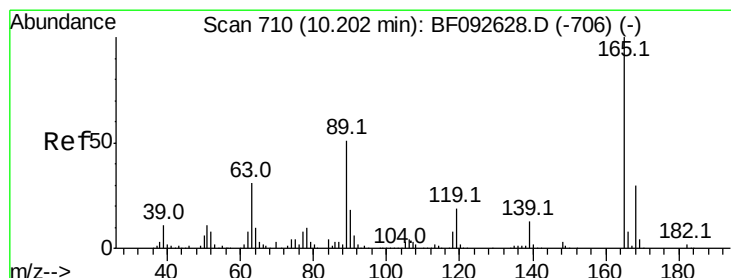
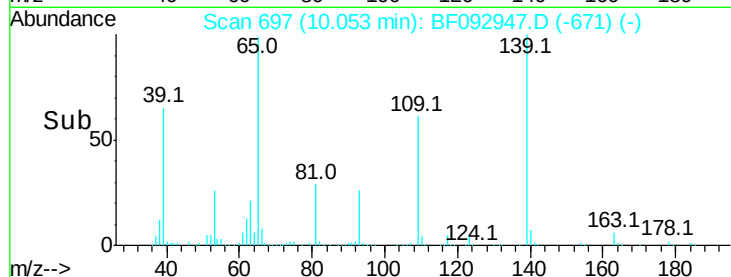
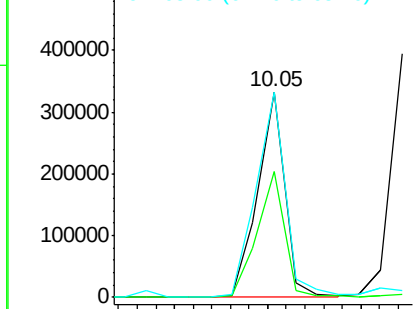
#55
4-Nitrophenol
Concen: 86.96 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 334903
Ion Ratio Lower Upper
139 100
109 61.3 52.2 92.2
65 99.9 85.8 125.8

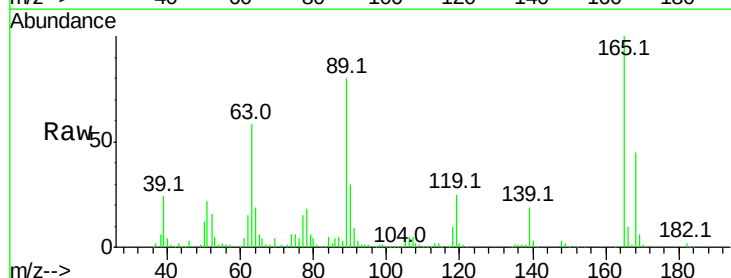


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

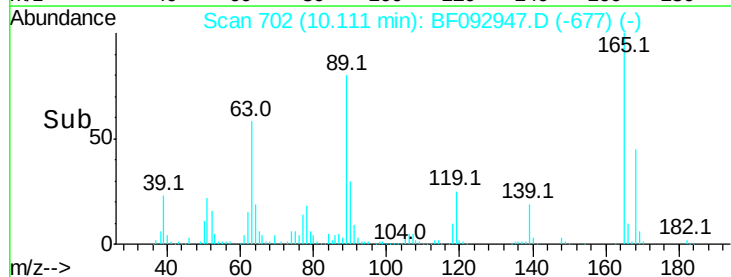
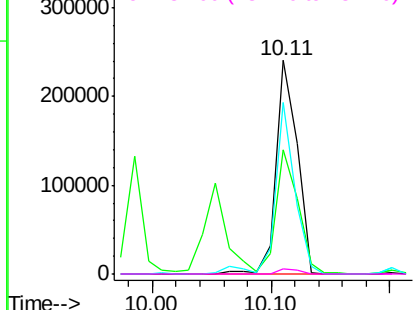


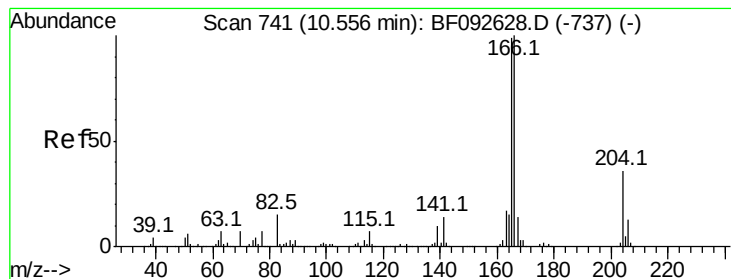
#56
2,4-Dinitrotoluene
Concen: 47.02 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion:165 Resp: 292500
Ion Ratio Lower Upper
165 100
63 58.2 40.2 60.4
89 80.1 62.5 93.7
182 2.4 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 44.76 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

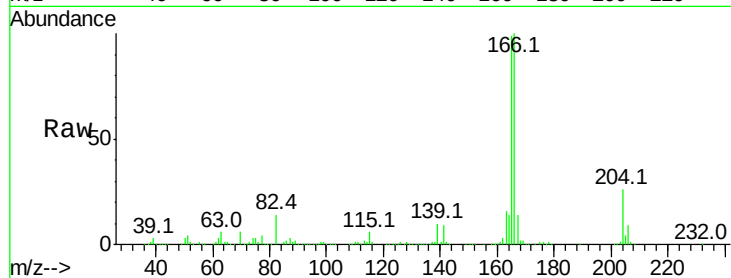
Tot Ion:166 Resp: 865603

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

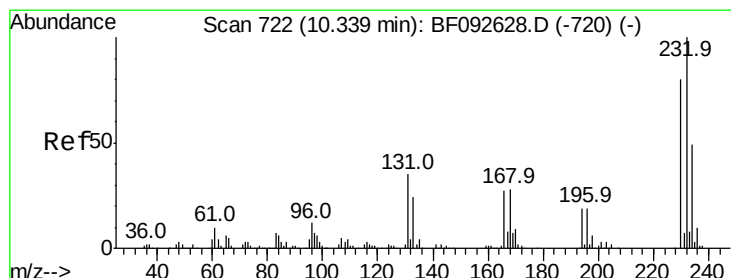
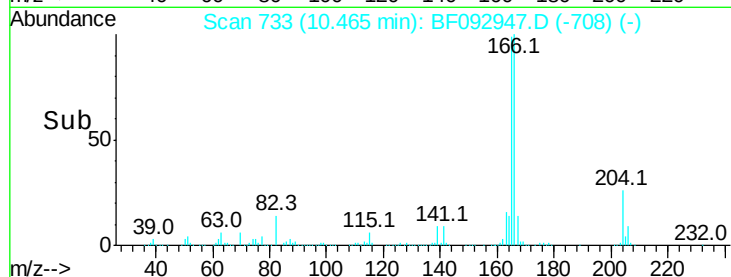
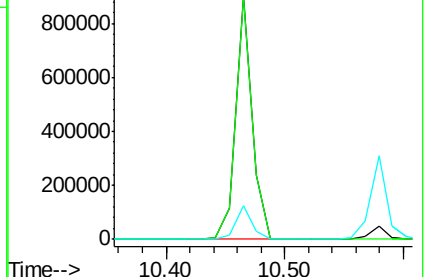
167 13.7 10.8 16.2



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: 59.03 ng

RT: 10.25 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Tgt Ion:232 Resp: 255618

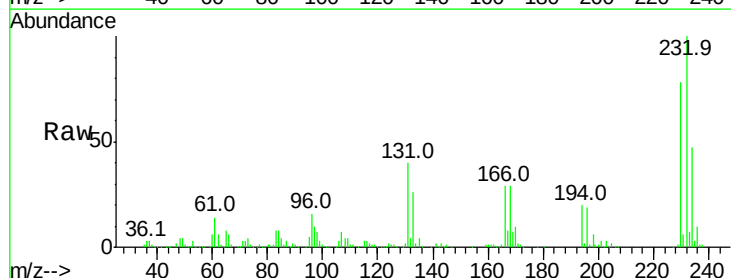
Ion Ratio Lower Upper

232 100

131 45.5 40.1 60.1

130 2.2 1.8 2.8

166 30.4 26.6 39.8

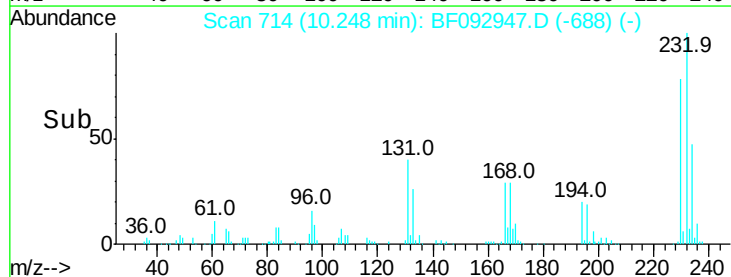
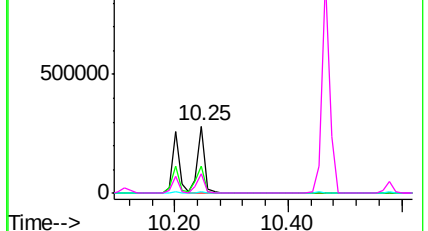


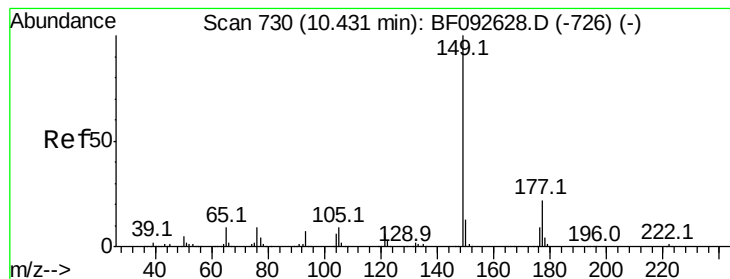
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 51.06 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampled :

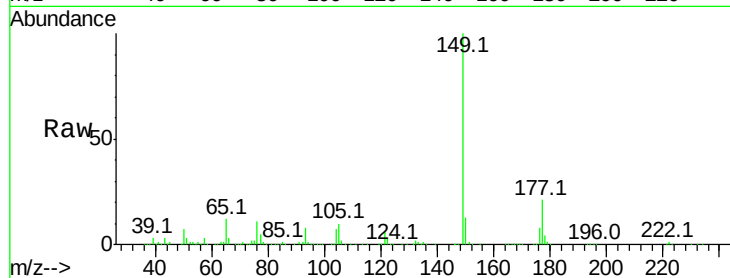
Tot Ion:149 Resp: 1041014

Ion Ratio Lower Upper

149 100

177 21.3 16.6 25.0

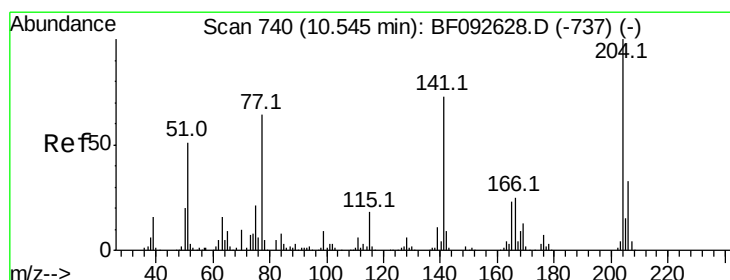
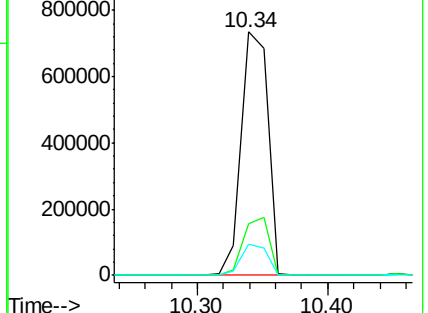
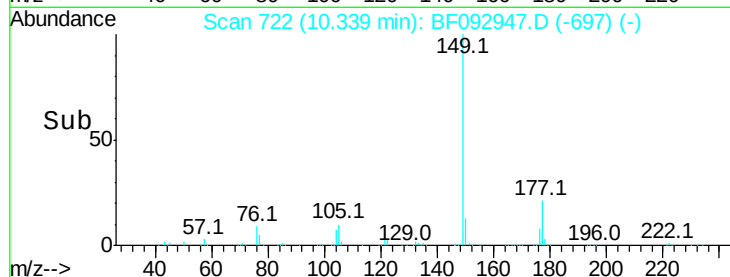
150 12.6 10.4 15.6



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: 43.70 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

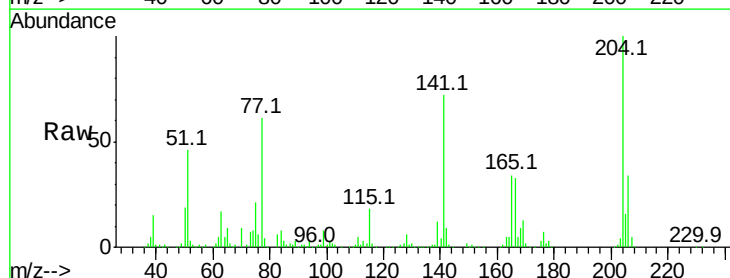
Tgt Ion:204 Resp: 405976

Ion Ratio Lower Upper

204 100

206 33.8 25.8 38.6

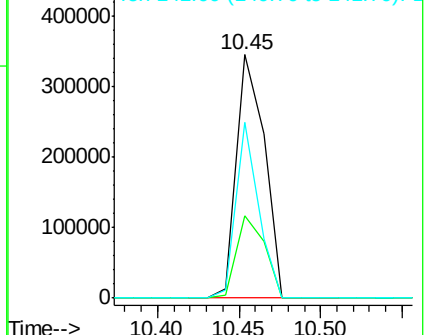
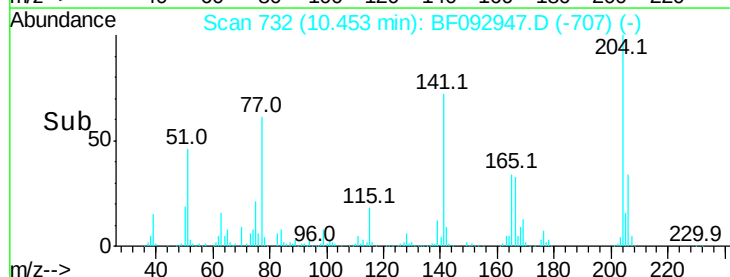
141 72.3 59.4 89.0

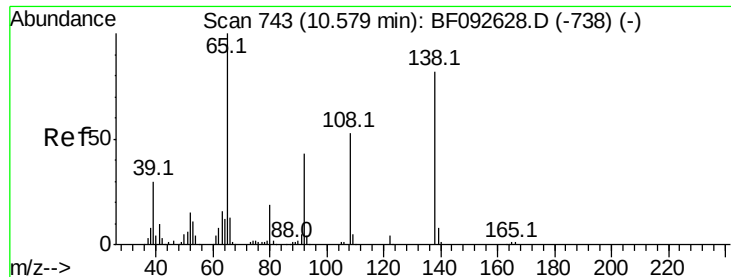


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

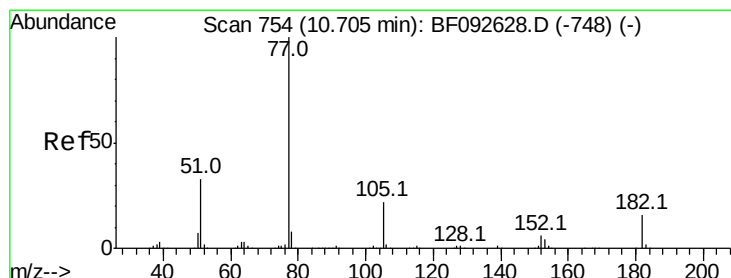
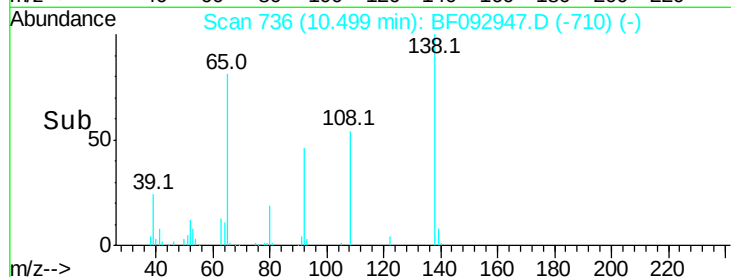
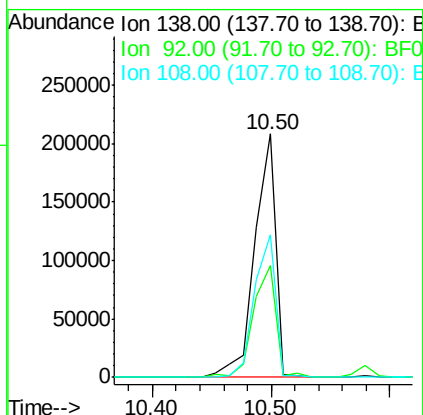
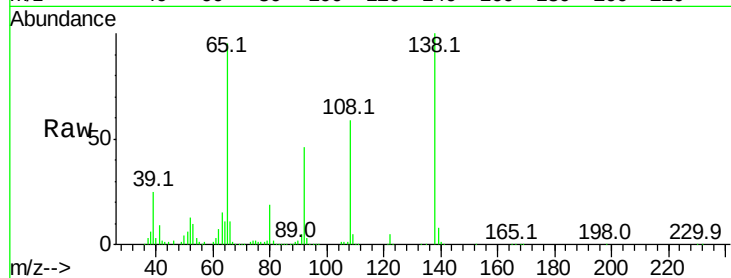




#61
4-Nitroaniline
Concen: 47.13 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

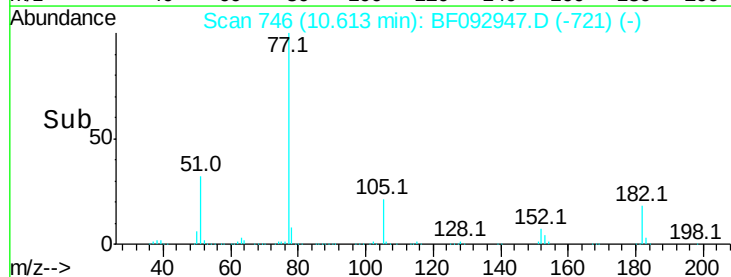
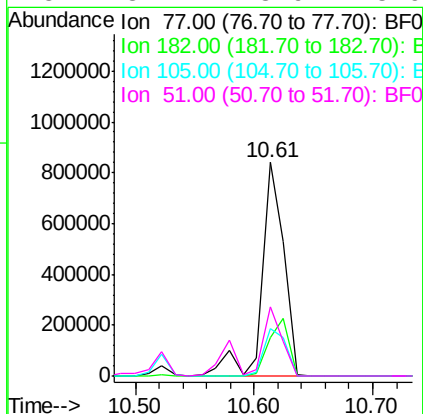
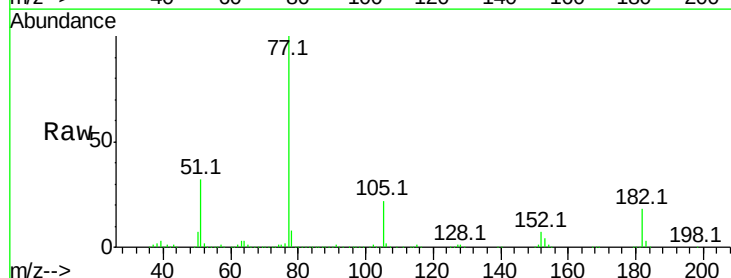
Instrument :
BNA_F
ClientSampled :

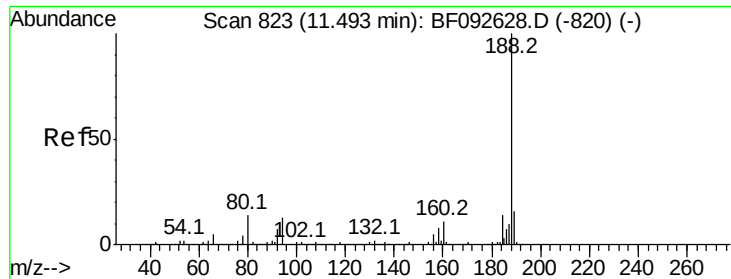
Tot Ion:138 Resp: 258095
Ion Ratio Lower Upper
138 100
92 46.1 31.7 71.7
108 58.7 52.6 92.6



#62
Azobenzene
Concen: 51.69 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion: 77 Resp: 1088799
Ion Ratio Lower Upper
77 100
182 18.1 0.0 39.3
105 21.9 2.3 42.3
51 32.4 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

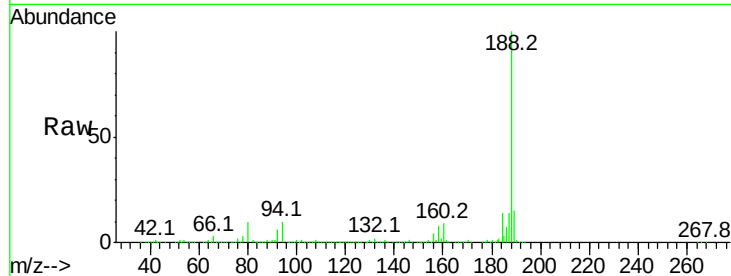
Tot Ion:188 Resp: 531793

Ion Ratio Lower Upper

188 100

94 9.9 10.0 15.0#

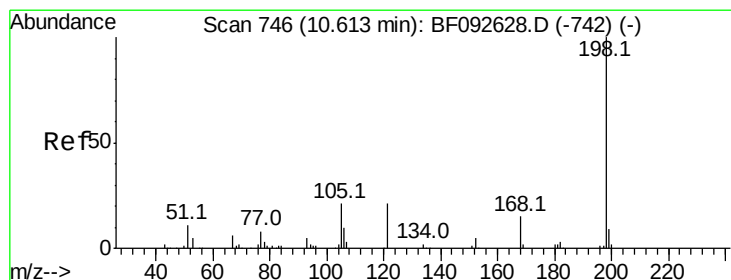
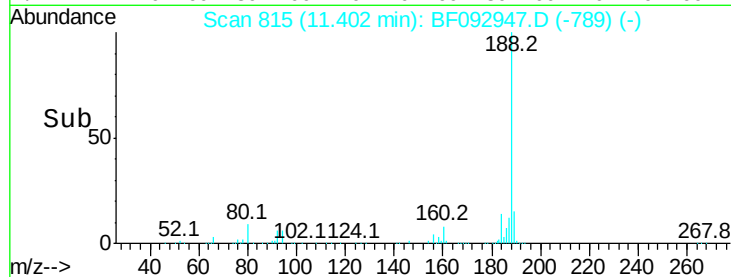
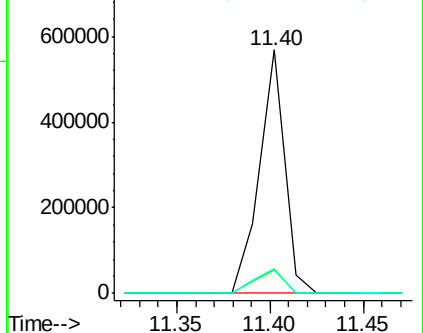
80 9.9 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 48.96 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

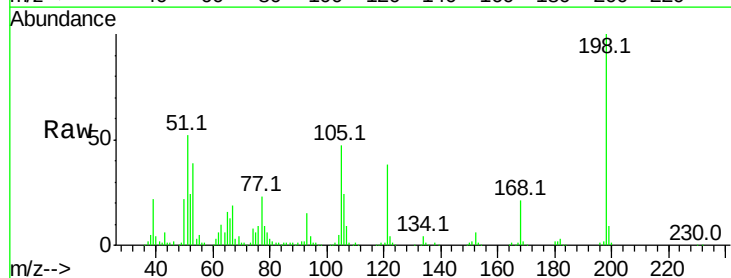
Tgt Ion:198 Resp: 158671

Ion Ratio Lower Upper

198 100

51 51.9 6.7 46.7#

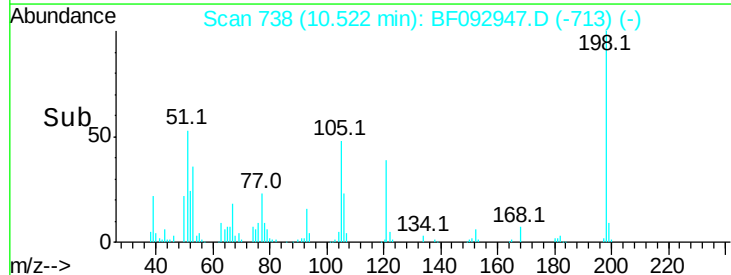
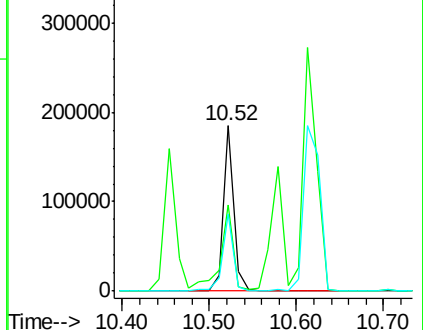
105 46.7 16.6 56.6

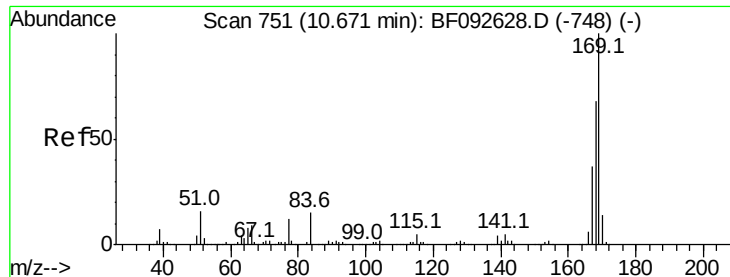


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.54 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

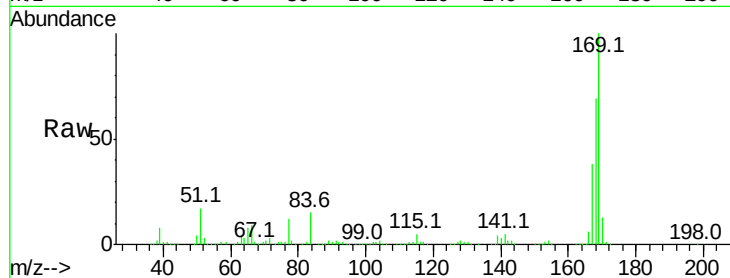
Tot Ion:169 Resp: 790677

Ion Ratio Lower Upper

169 100

168 68.7 54.2 81.2

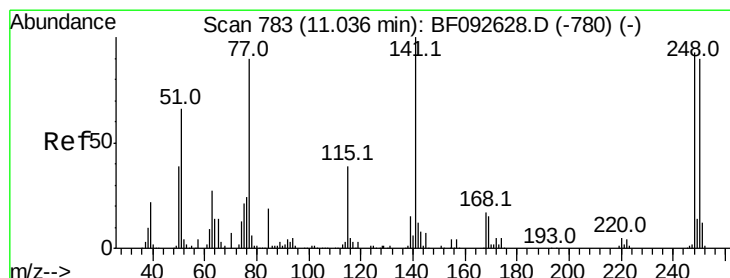
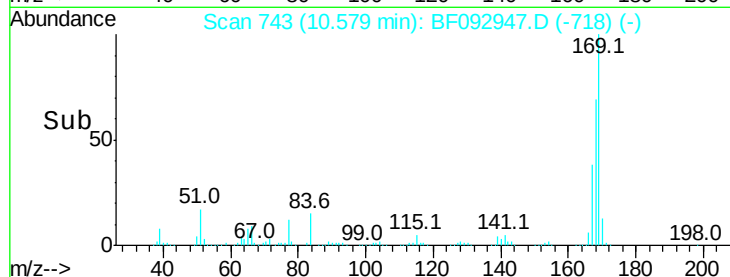
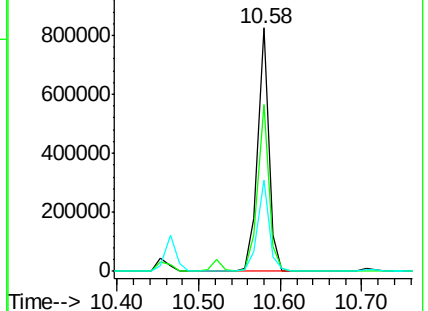
167 37.6 30.2 45.4



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: 43.75 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

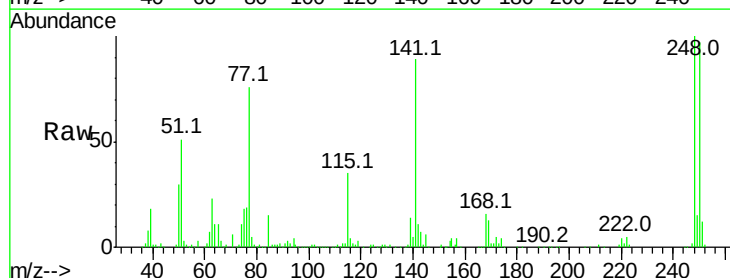
Tgt Ion:248 Resp: 243088

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

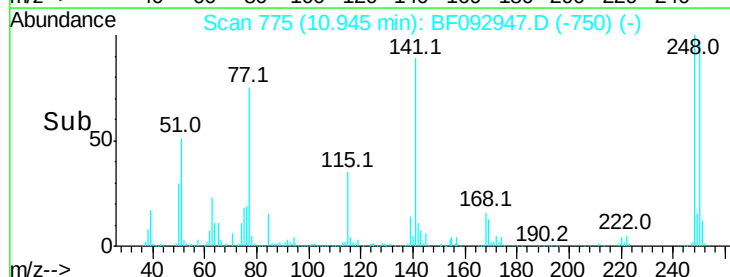
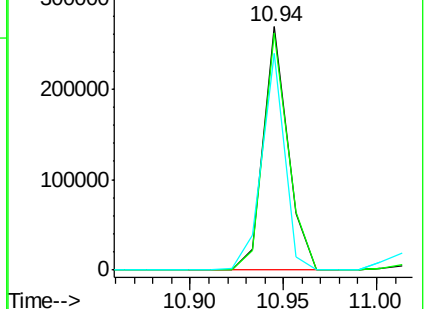
141 88.9 68.2 102.4

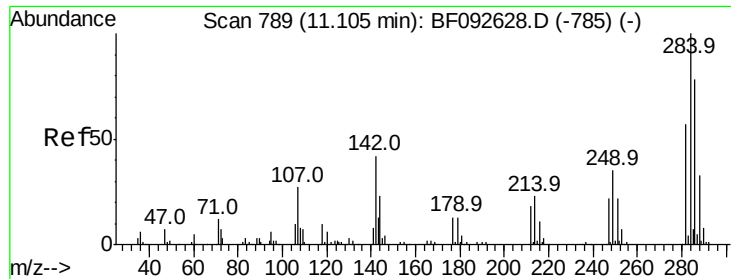


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

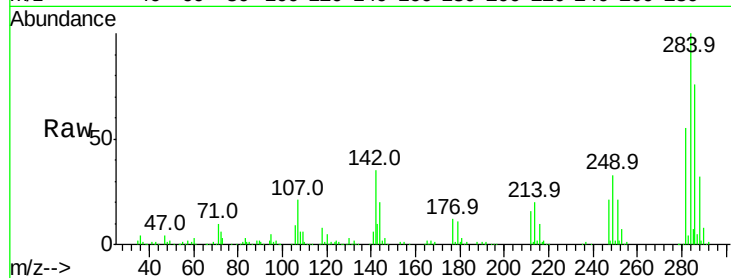




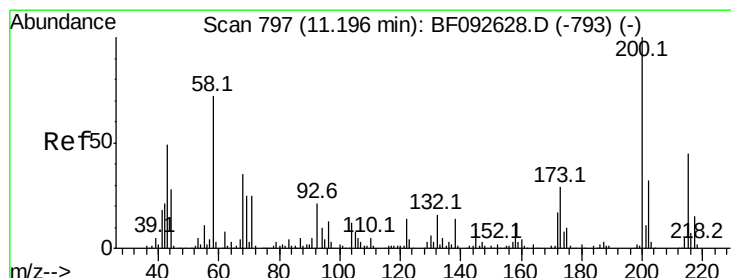
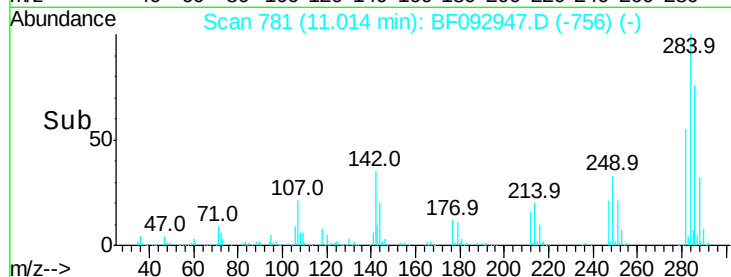
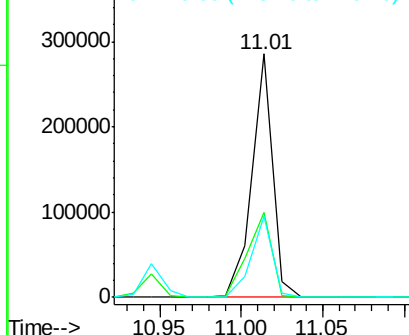
#67
Hexachlorobenzene
Concen: 45.96 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.9	22.6	33.8#
249	33.3	25.4	38.0

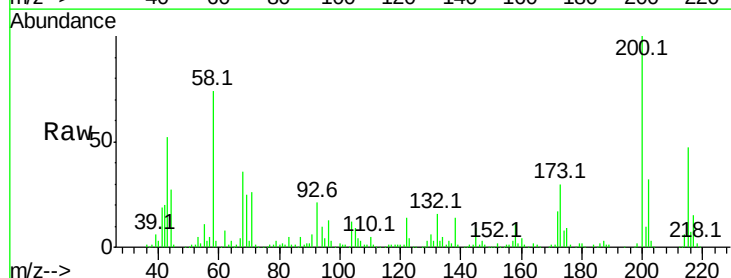


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

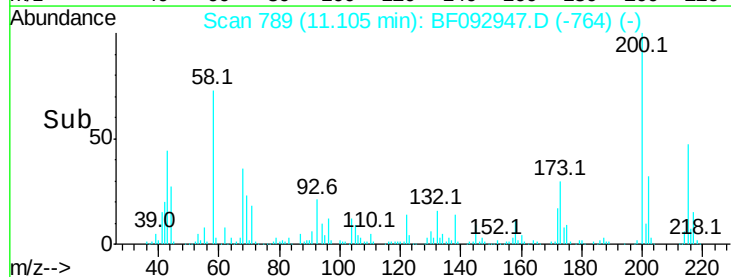
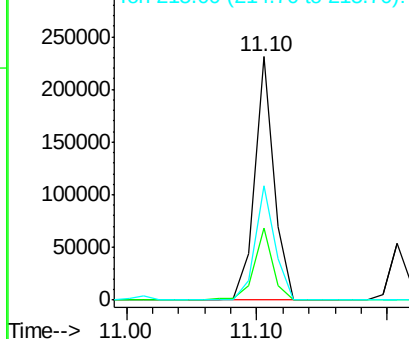


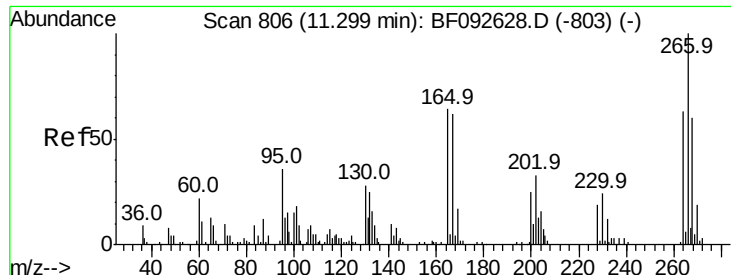
#68
Atrazine
Concen: 43.78 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.6	9.6	49.6
215	46.8	25.7	65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

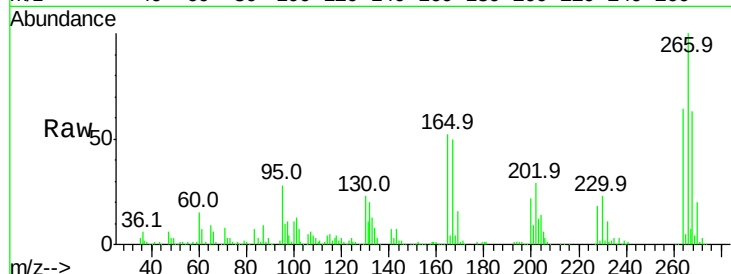




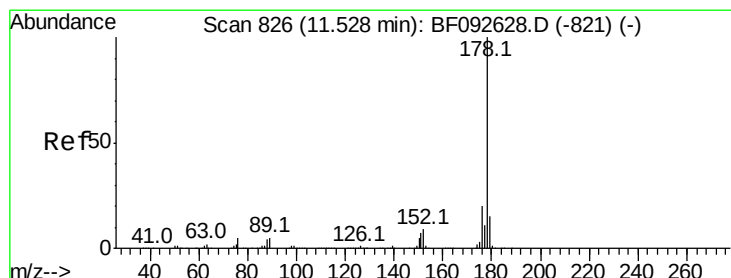
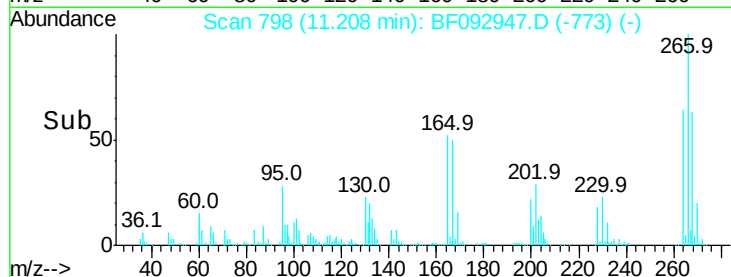
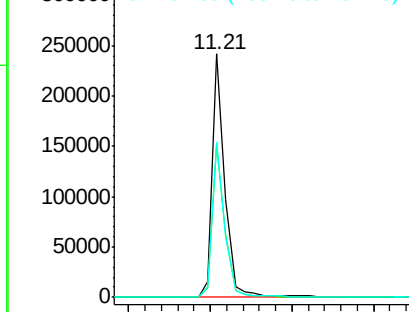
#69
 Pentachlorophenol
 Concen: 92.19 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 264727
 Ion Ratio Lower Upper
 266 100
 268 62.8 53.3 79.9
 264 63.8 50.3 75.5

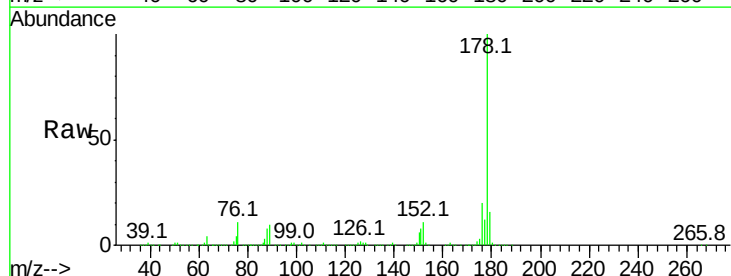


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

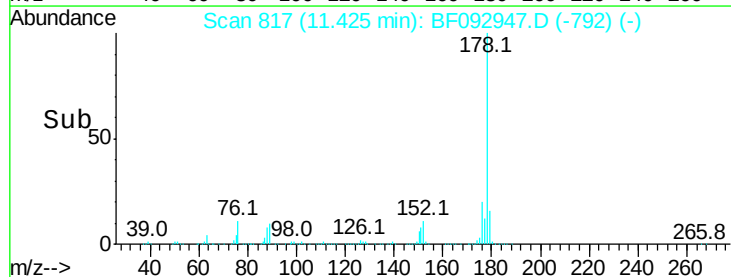
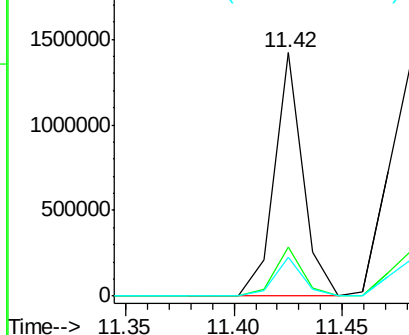


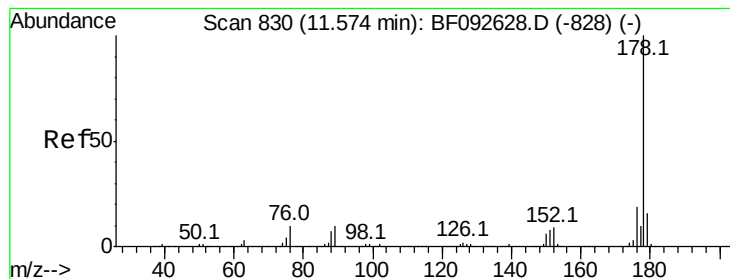
#70
 Phenanthrene
 Concen: 42.80 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion:178 Resp: 1304131
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 15.7 12.8 19.2



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





#71

Anthracene

Concen: 49.12 ng

RT: 11.48 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

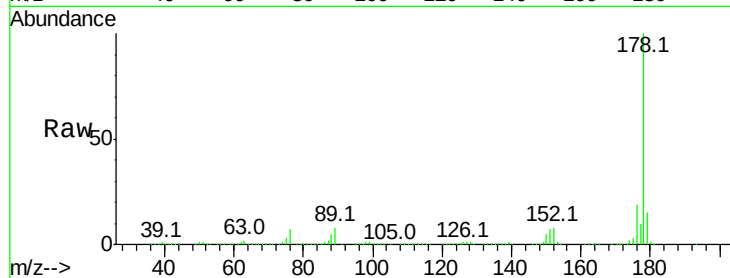
Tot Ion:178 Resp: 1502881

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

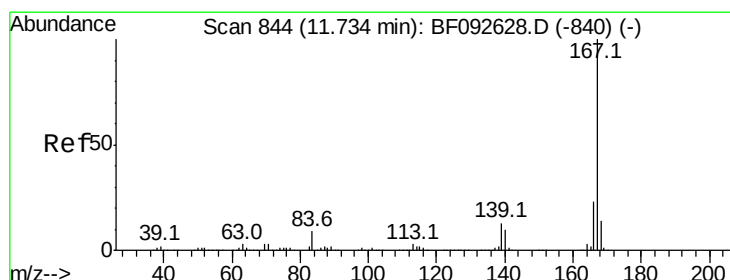
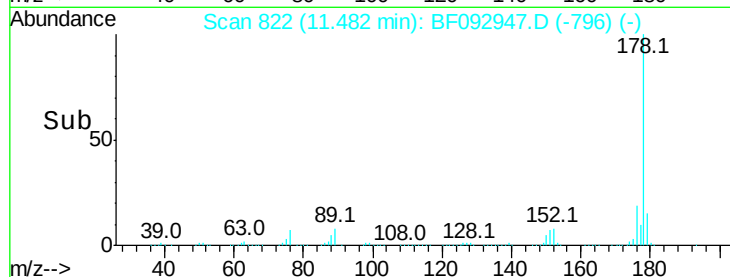
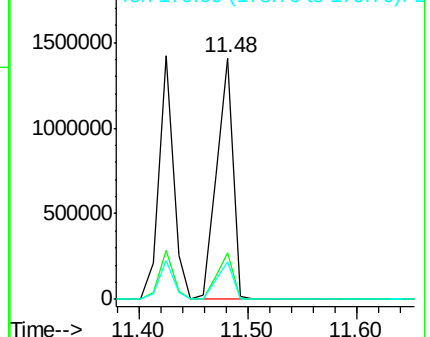
179 15.3 13.2 19.8



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



#72

Carbazole

Concen: 39.56 ng

RT: 11.63 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

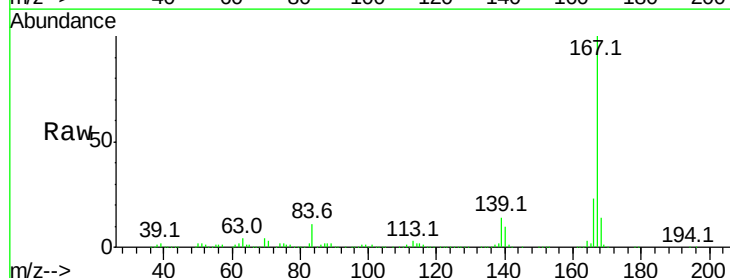
Tgt Ion:167 Resp: 1157099

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

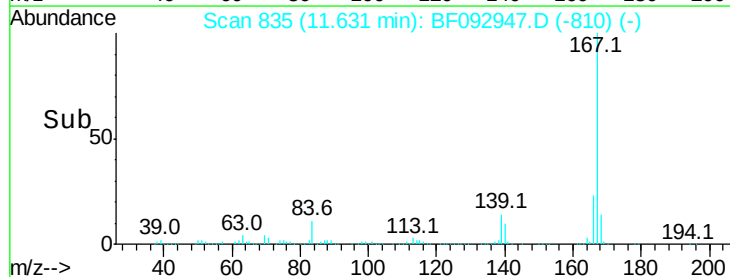
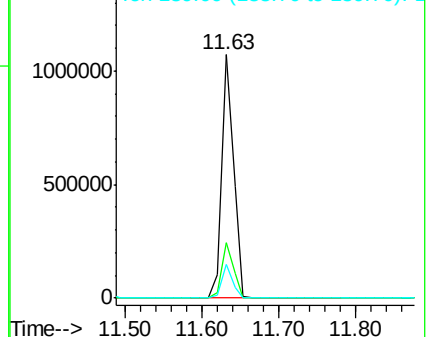
139 13.9 11.4 17.2

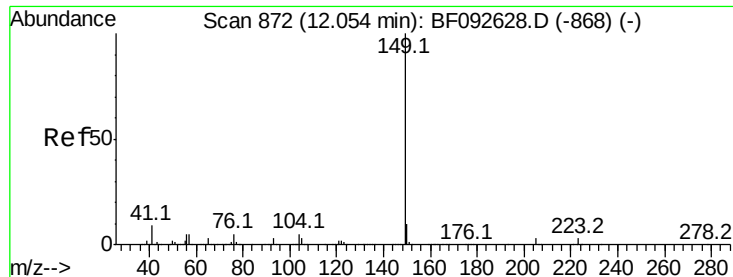


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.47 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampled :

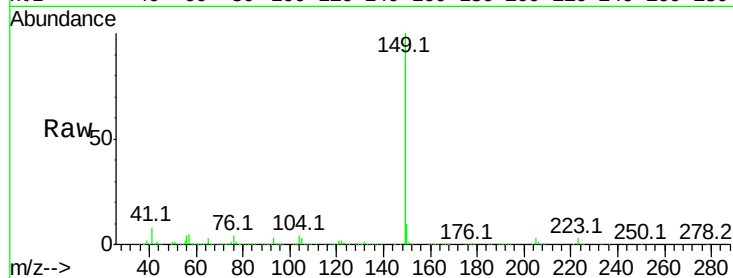
Tot Ion:149 Resp: 1564662

Ion Ratio Lower Upper

149 100

150 9.5 8.1 12.1

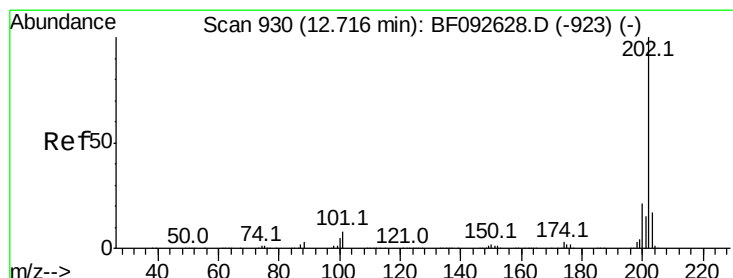
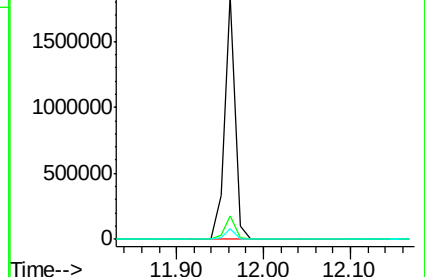
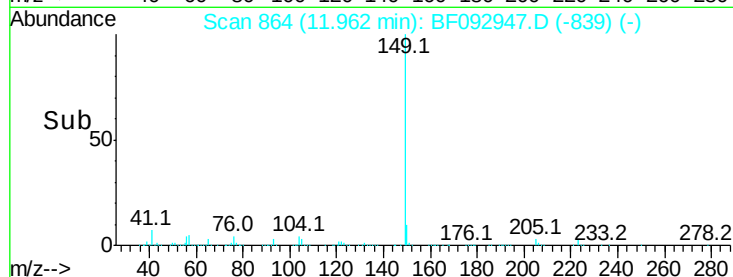
104 4.5 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.08 ng

RT: 12.61 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

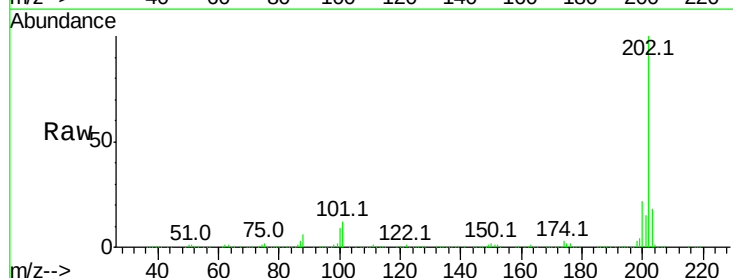
Tgt Ion:202 Resp: 1416773

Ion Ratio Lower Upper

202 100

101 11.8 0.0 34.6

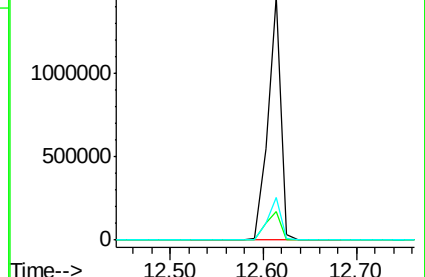
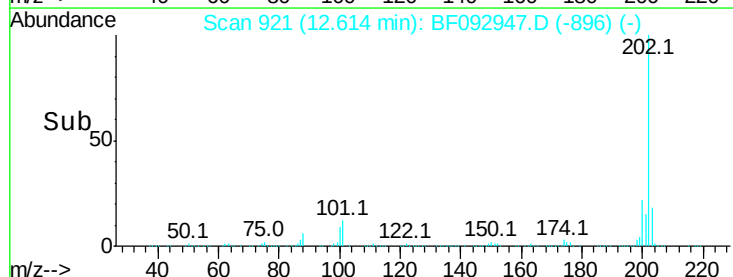
203 17.7 0.0 38.7

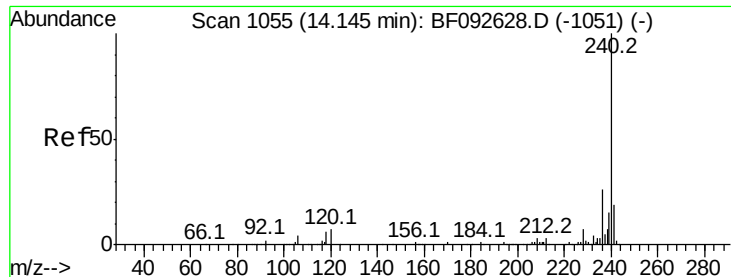


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

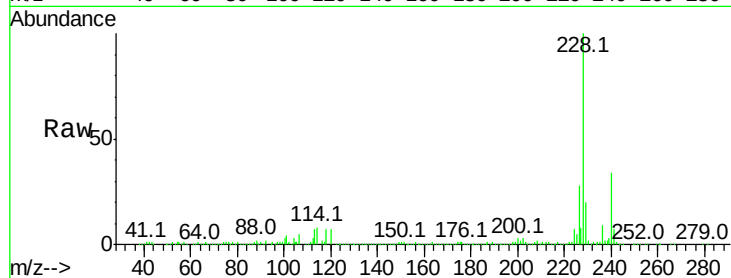
Tot Ion:240 Resp: 277916

Ion Ratio Lower Upper

240 100

120 21.0 12.9 19.3#

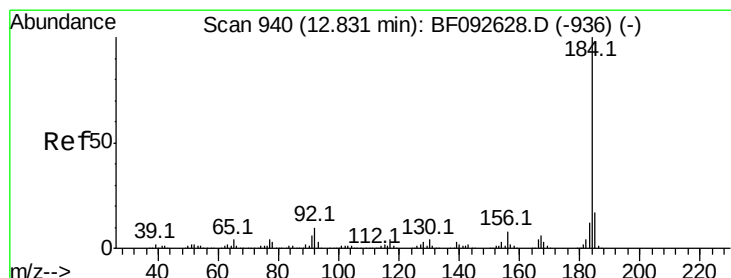
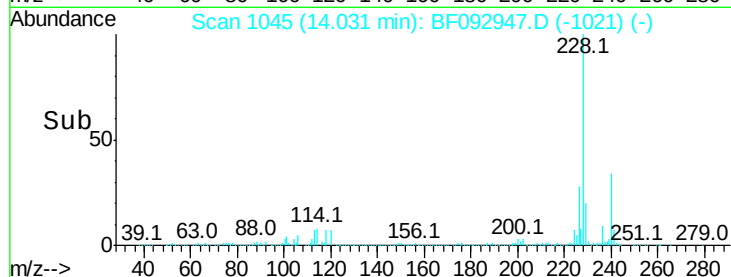
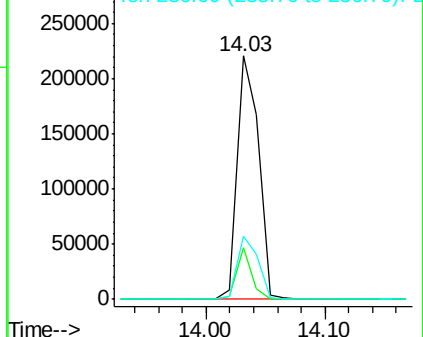
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.61 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

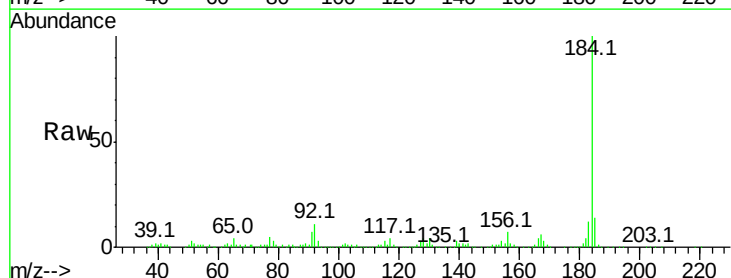
Tgt Ion:184 Resp: 397982

Ion Ratio Lower Upper

184 100

185 14.1 13.4 20.0

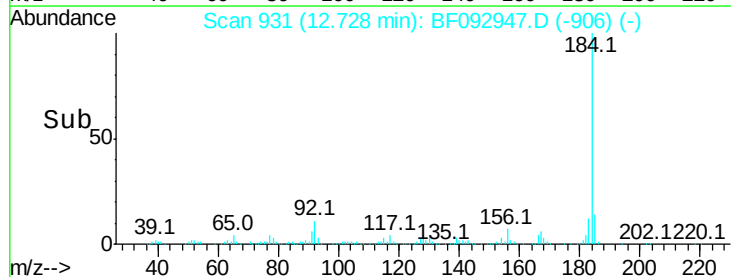
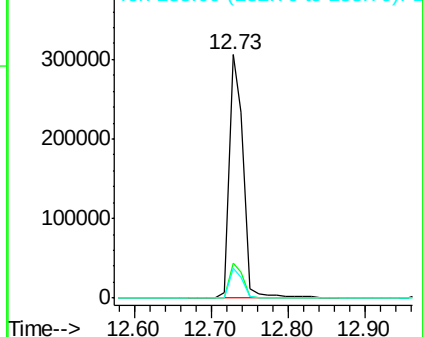
183 12.1 9.2 13.8

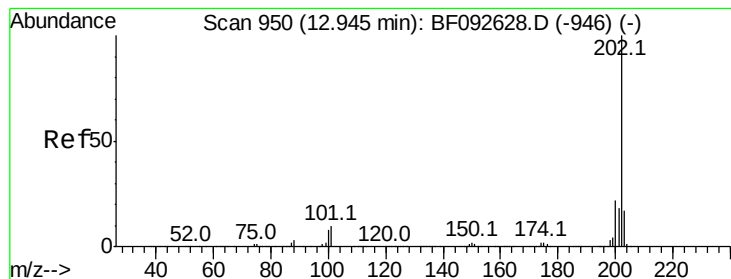


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 65.93 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

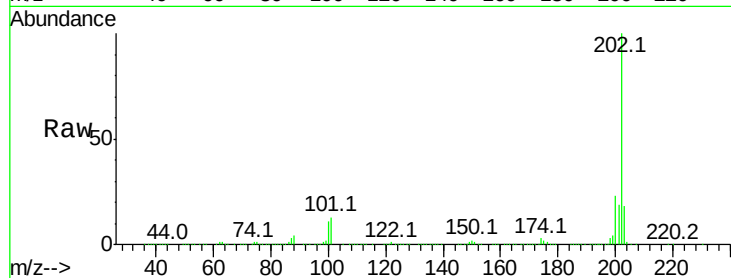
Tot Ion:202 Resp: 1371327

Ion Ratio Lower Upper

202 100

200 22.6 17.7 26.5

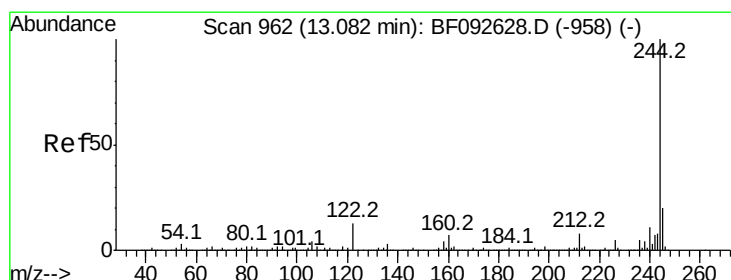
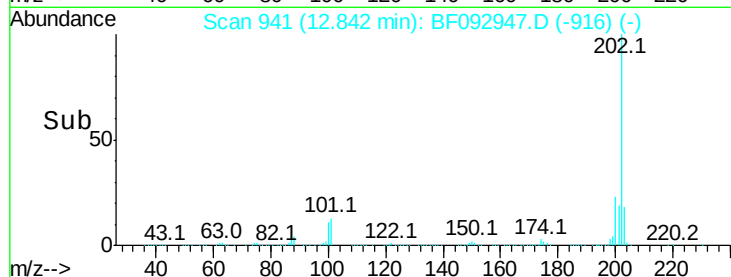
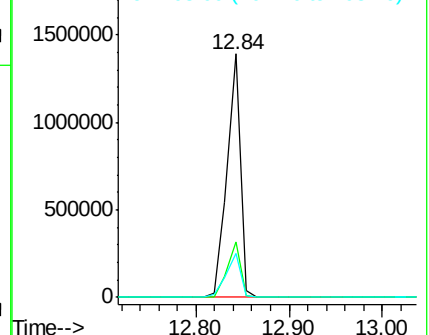
203 17.9 14.7 22.1



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: 122.92 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

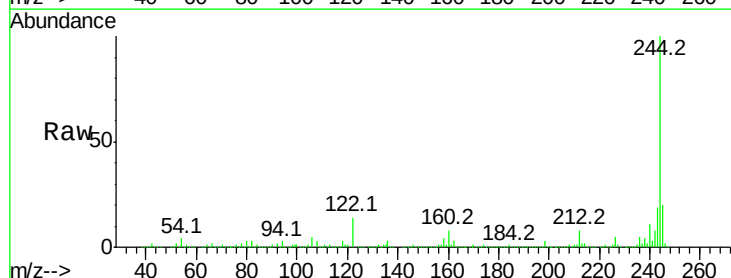
Tgt Ion:244 Resp: 1453855

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

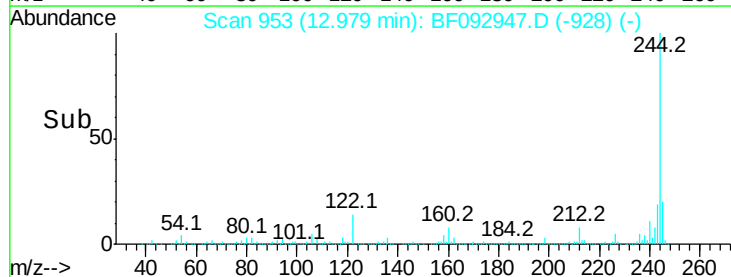
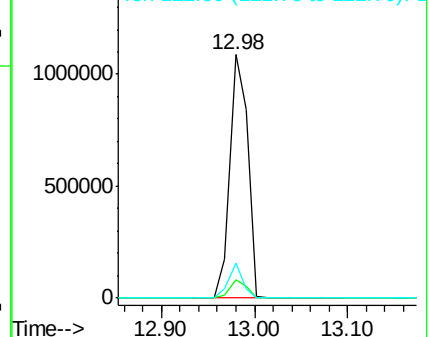
122 14.2 11.4 17.2

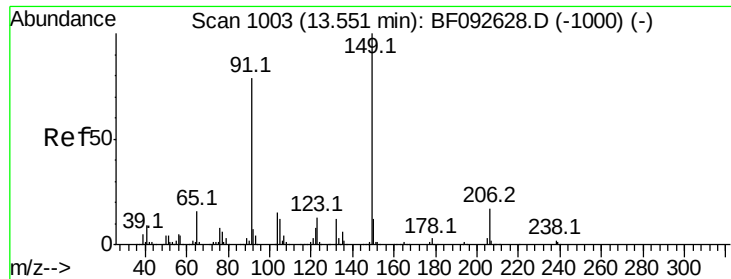


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

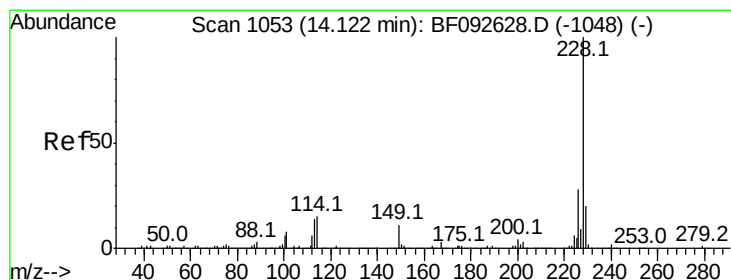
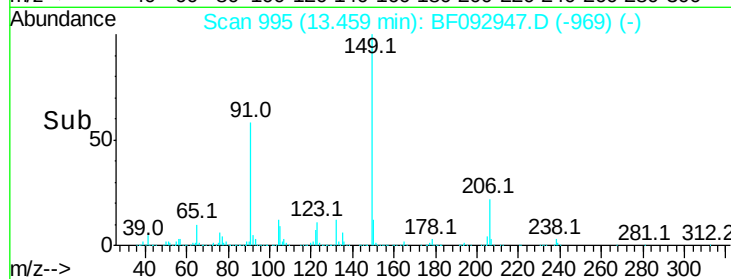
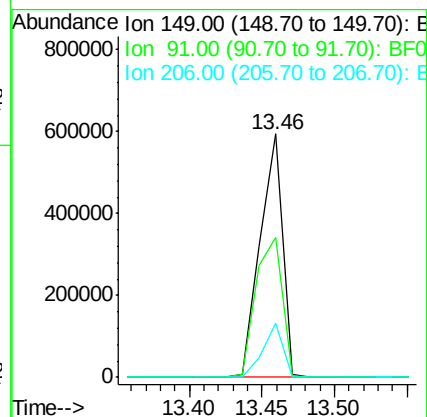
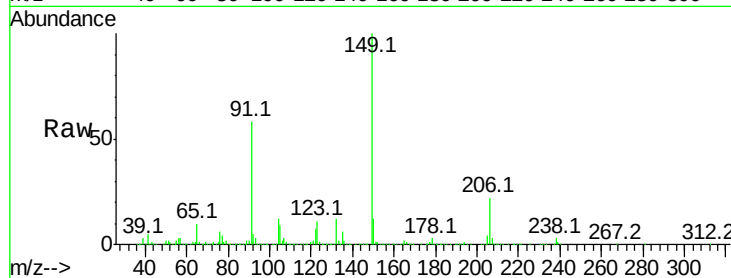




#79
Butylbenzylphthalate
Concen: 75.27 ng
RT: 13.46 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

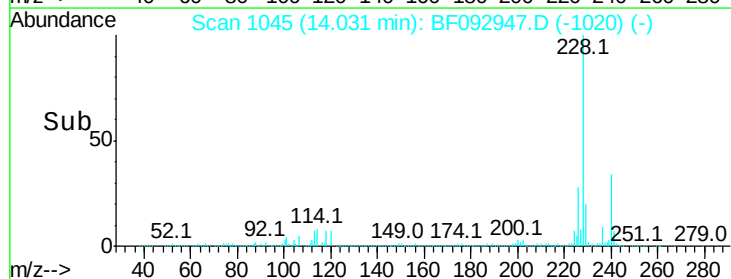
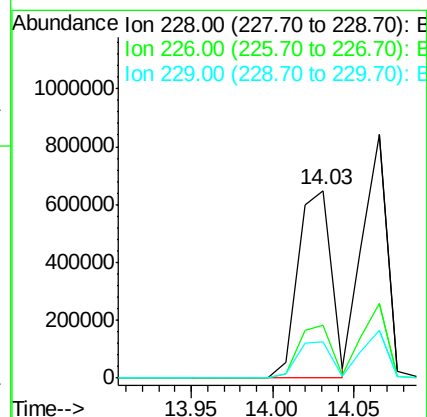
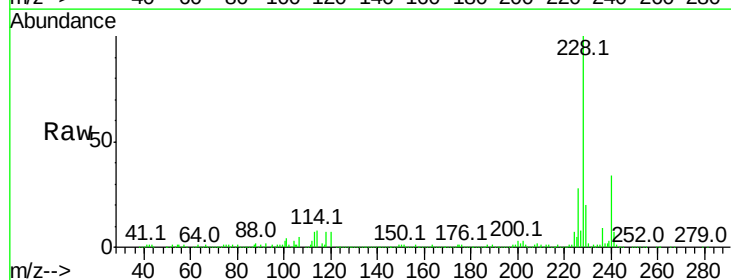
Instrument :
BNA_F
ClientSampleId :

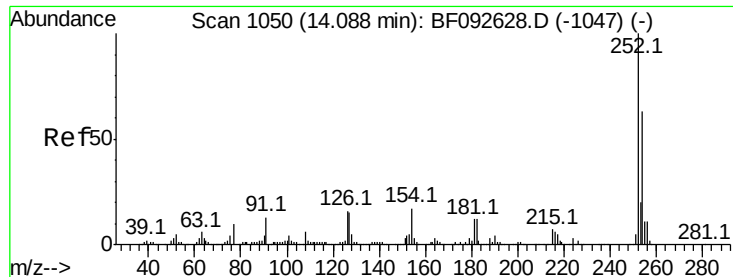
Tot Ion:149 Resp: 635743
Ion Ratio Lower Upper
149 100
91 57.7 63.9 95.9#
206 22.0 14.6 21.8#



#80
Benzo(a)anthracene
Concen: 53.94 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion:228 Resp: 916944
Ion Ratio Lower Upper
228 100
226 28.1 22.4 33.6
229 19.6 16.2 24.4

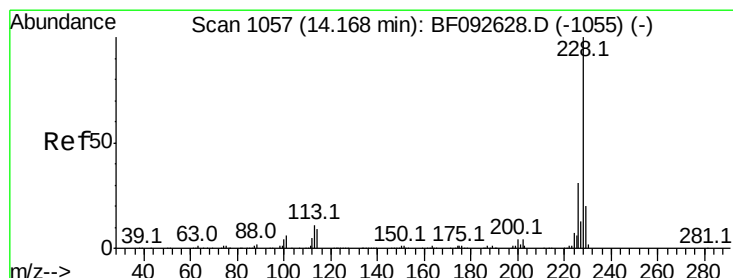
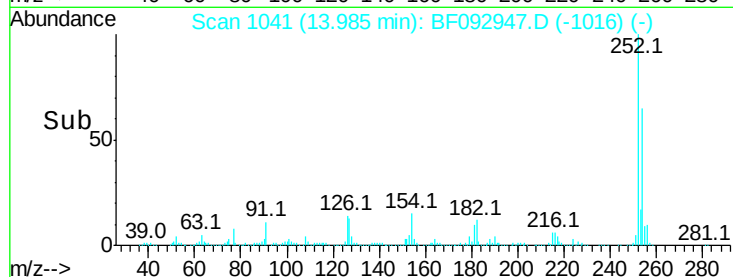
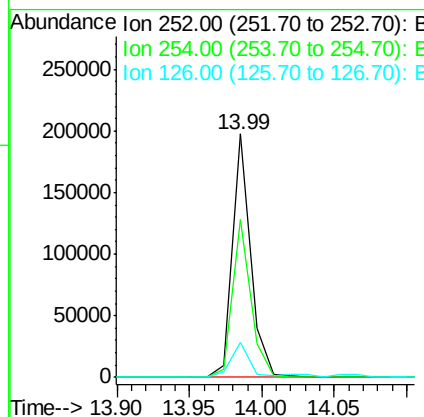
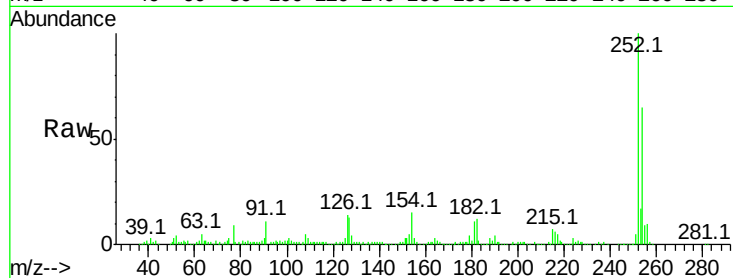




#81
 3,3'-Dichlorobenzidine
 Concen: 28.63 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

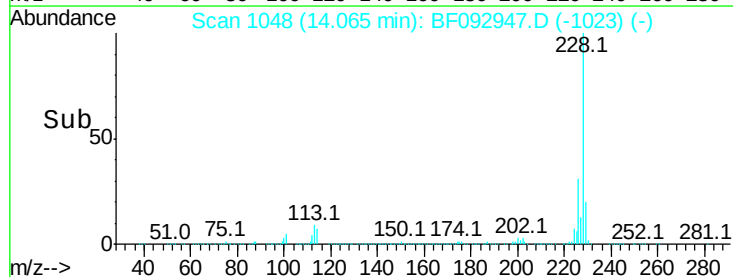
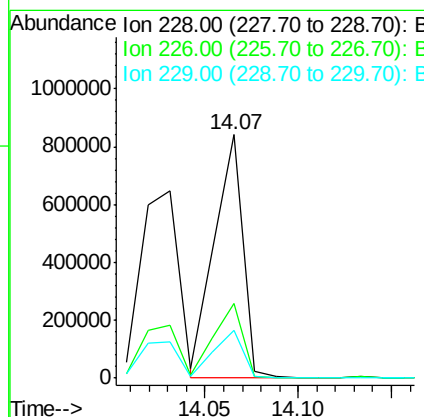
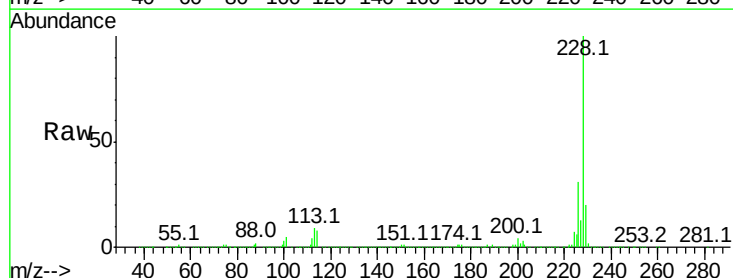
Instrument :
 BNA_F
 ClientSampleId :

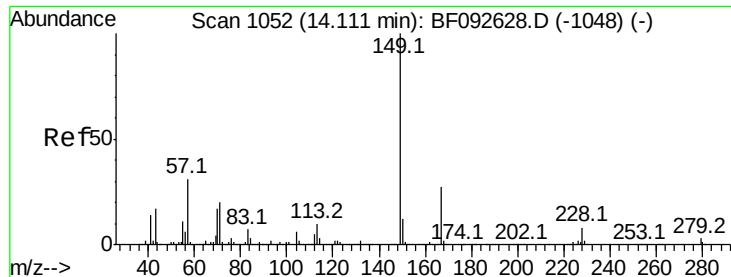
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.3	78.5
126	14.2	13.6	20.4



#82
 Chrysene
 Concen: 56.31 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.4	38.0
229	19.8	16.2	24.2

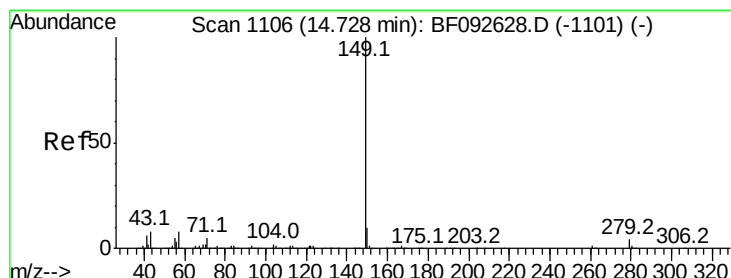
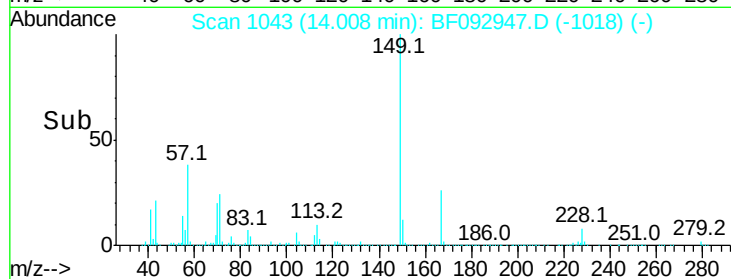
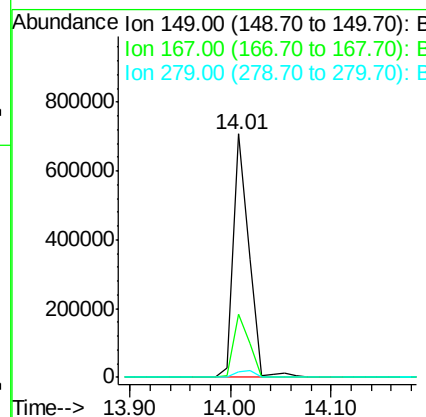
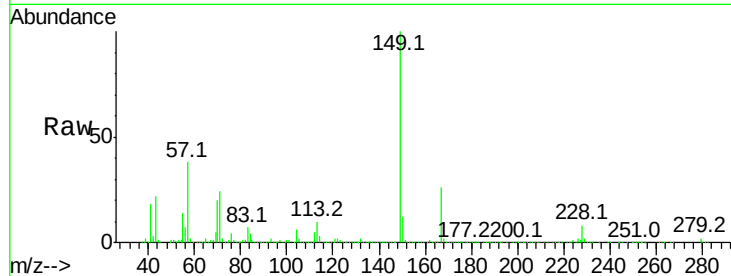




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 65.50 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

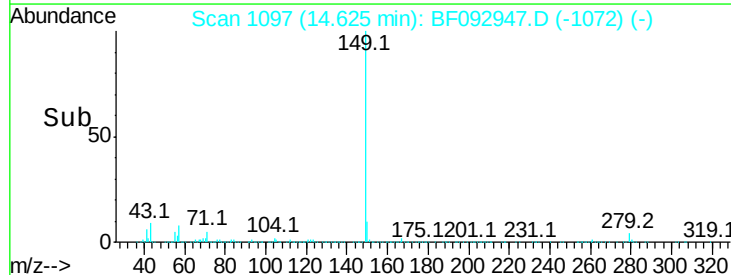
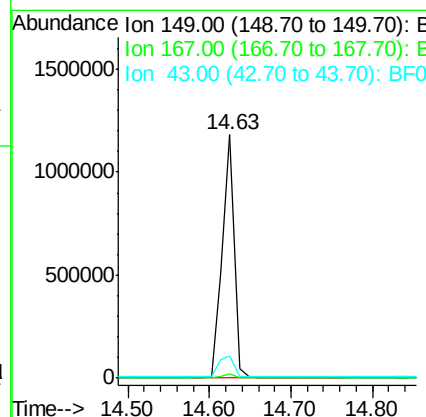
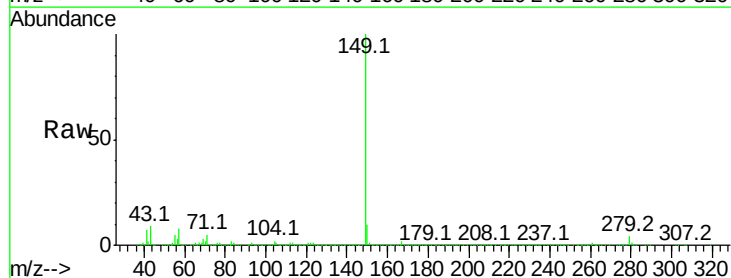
Instrument :
 BNA_F
 ClientSampled :

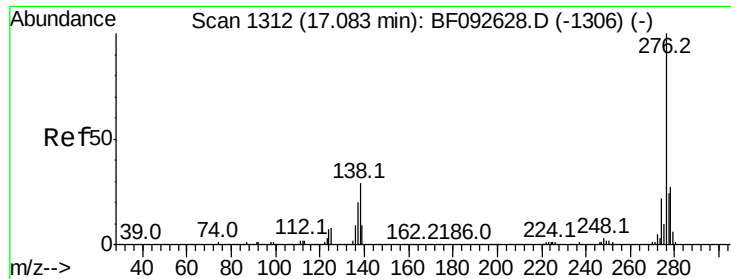
Tot Ion:149 Resp: 756611
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.2 30.4
 279 2.1 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 63.89 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Tgt Ion:149 Resp: 1201661
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.2 8.9 13.3

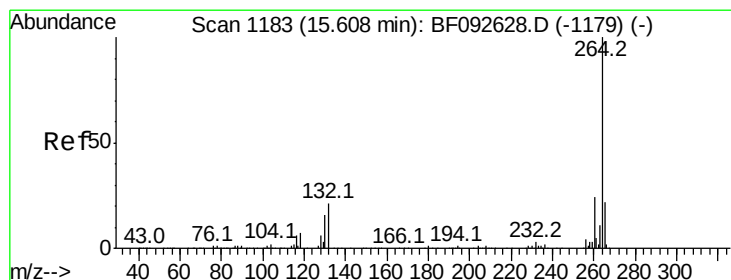
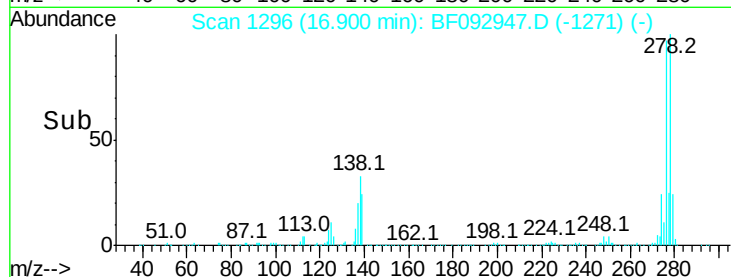
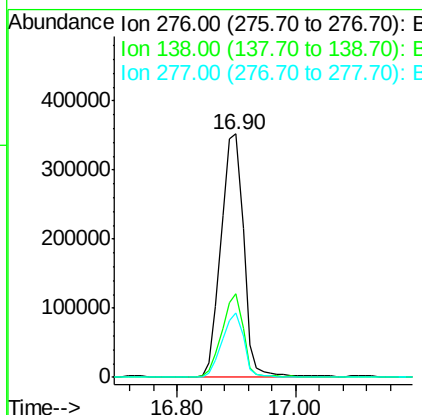
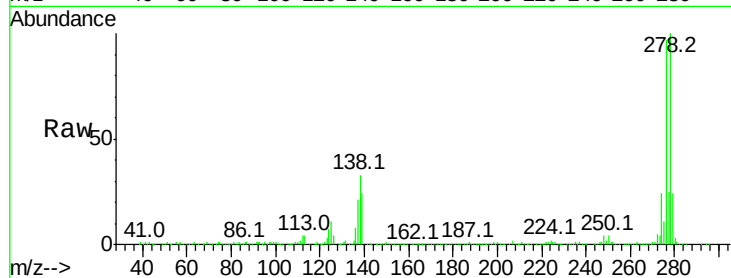




#85
Indeno(1,2,3-cd)pyrene
Concen: 76.03 ng
RT: 16.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

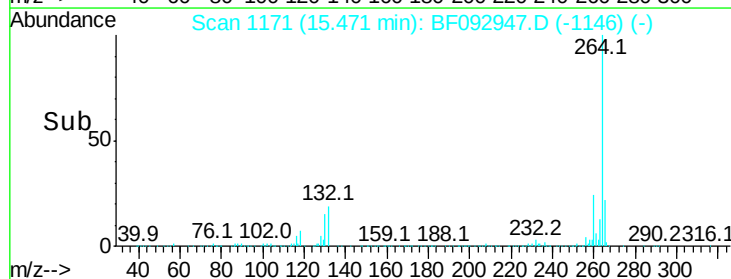
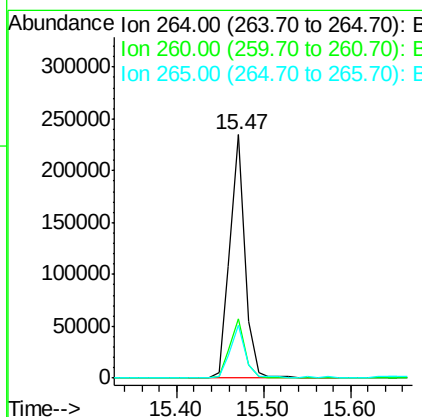
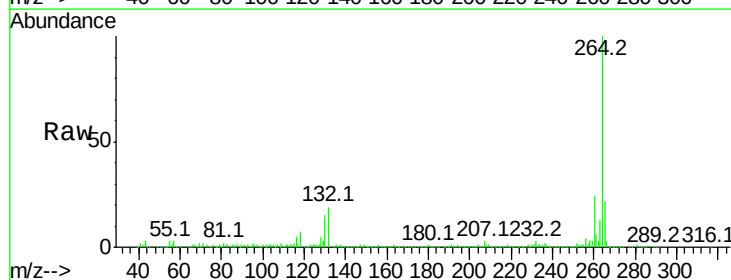
Instrument :
BNA_F
ClientSampleId :

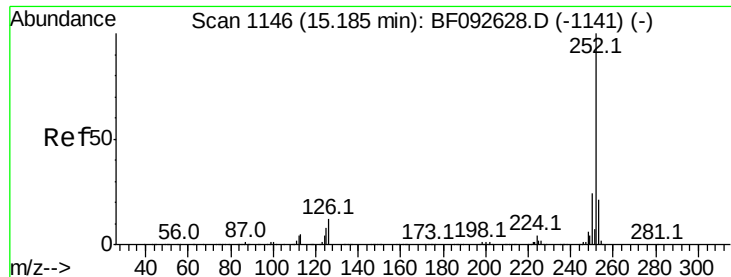
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	21.8	32.6
277	25.1	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.0	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 86.27 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

Instrument :

BNA_F

ClientSampleId :

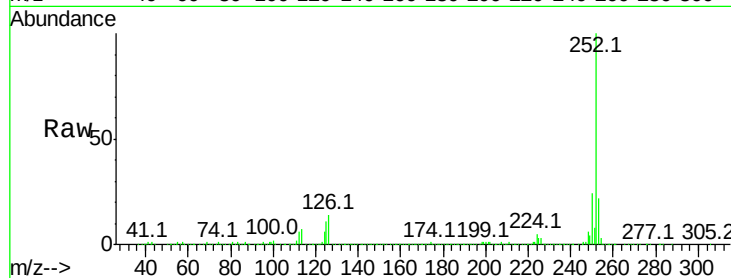
Tot Ion:252 Resp: 1623570

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.4

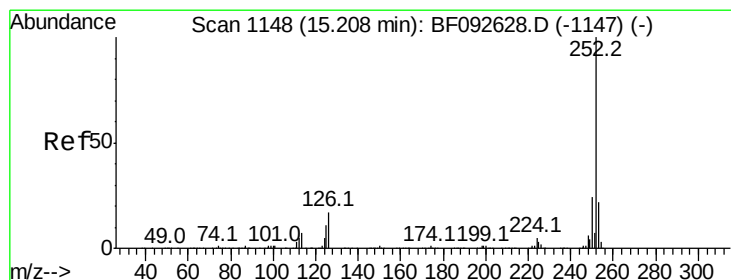
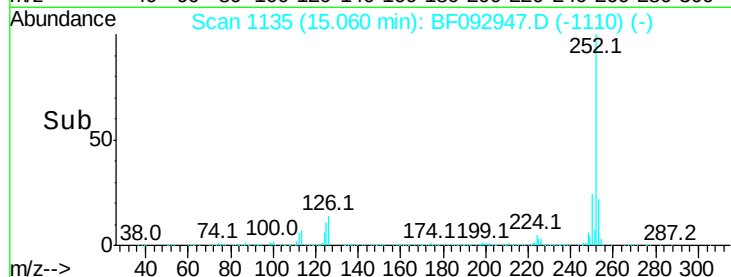
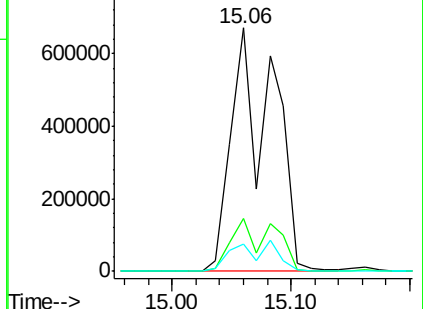
125 11.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 99.92 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.05 min

Lab File: BF092947.D

Acq: 14 Feb 2017 16:42

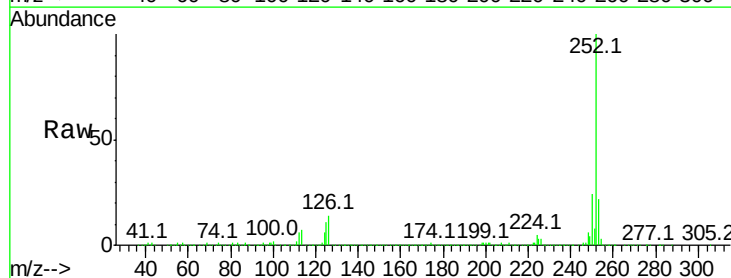
Tgt Ion:252 Resp: 1623570

Ion Ratio Lower Upper

252 100

253 21.7 18.5 27.7

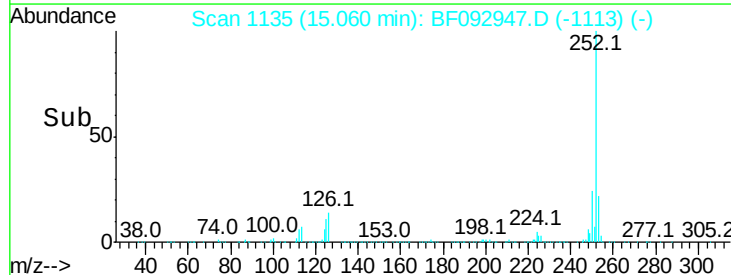
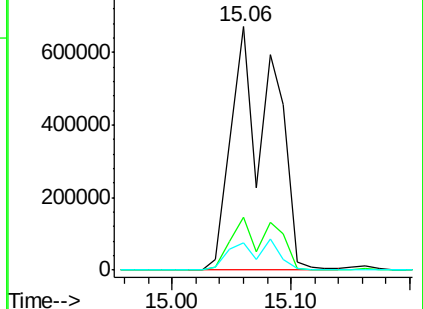
125 11.1 8.9 13.3

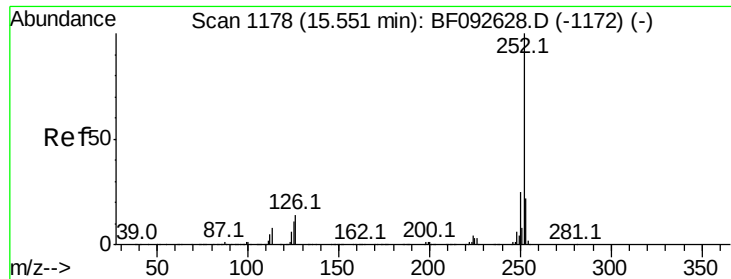


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

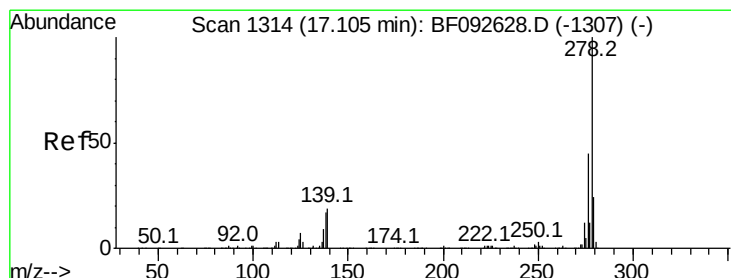
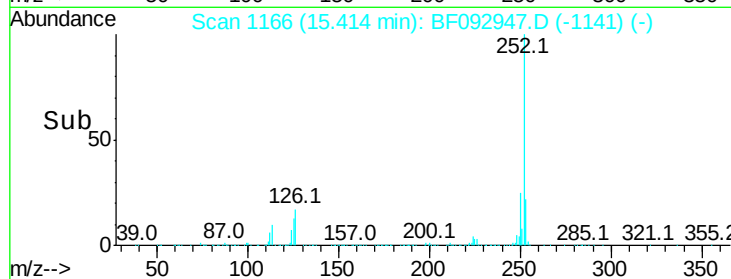
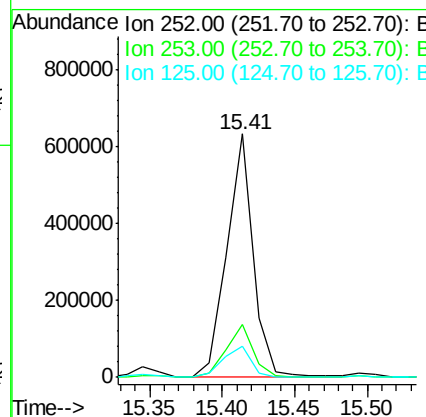
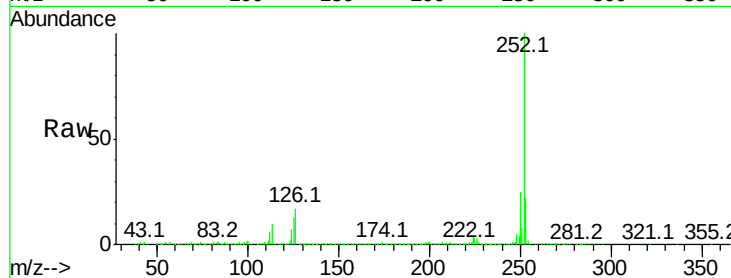




#89
Benzo(a)pyrene
Concen: 48.60 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

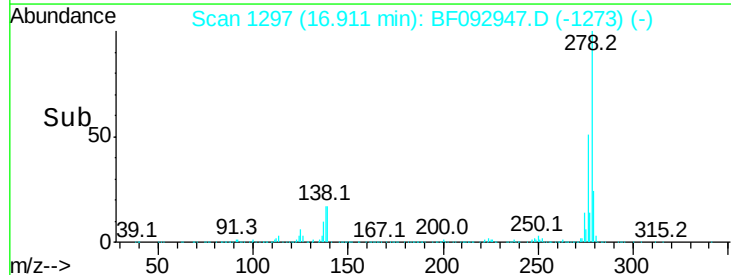
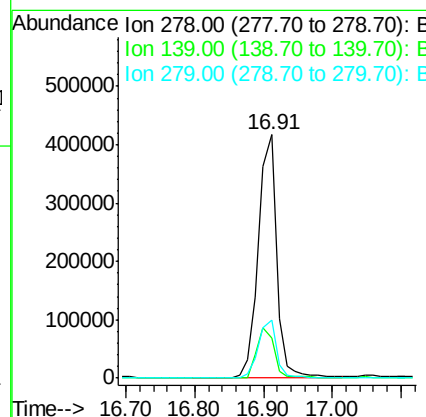
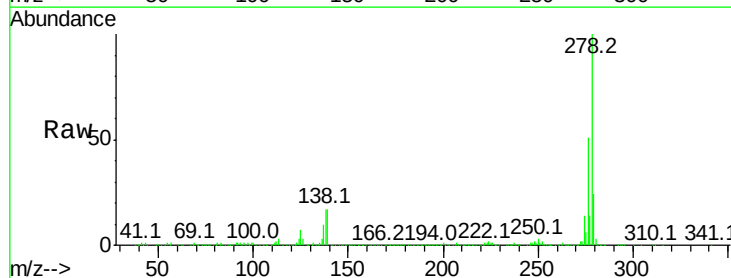
Instrument :
BNA_F
ClientSampleId :

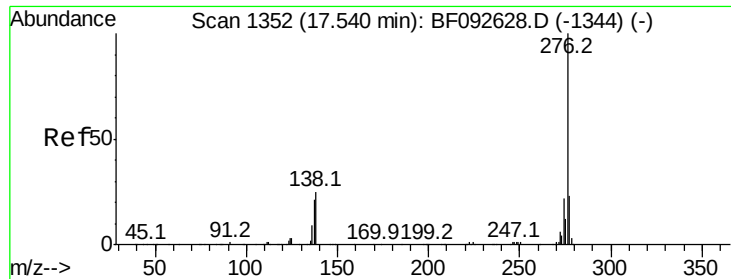
Tot Ion:252 Resp: 791088
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 12.8 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 57.99 ng
RT: 16.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF092947.D
Acq: 14 Feb 2017 16:42

Tgt Ion:278 Resp: 762896
Ion Ratio Lower Upper
278 100
139 16.7 14.8 22.2
279 24.0 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 61.08 ng
 RT: 17.32 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: BF092947.D
 Acq: 14 Feb 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 811853
 Ion Ratio Lower Upper
 276 100
 277 23.3 19.2 28.8
 138 29.5 16.0 24.0#

