

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092777.D
 Acq On : 3 Feb 2017 13:52
 Operator : SJ/MA
 Sample : I1378-06MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MSD

Quant Time: Feb 03 17:44:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	145055	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	556203	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	303155	20.00	ng	-0.02
63) Phenanthrene-d10	11.47	188	491176	20.00	ng	-0.02
75) Chrysene-d12	14.10	240	275002	20.00	ng	-0.05
86) Perylene-d12	15.56	264	299637	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1274314	150.72	ng	-0.02
7) Phenol-d6	6.59	99	1681220	154.54	ng	-0.01
23) Nitrobenzene-d5	7.50	82	1003327	100.45	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	290536	132.51	ng	-0.03
44) 2-Fluorobiphenyl	9.31	172	1824964	109.06	ng	-0.02
78) Terphenyl-d14	13.05	244	1212639	103.61	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	200543	43.90	ng	86
3) Pyridine	3.38	79	519034	44.68	ng	86
4) n-Nitrosodimethylamine	3.34	42	315334	57.81	ng	86
6) Aniline	6.60	93	214252	14.44	ng	# 9
8) 2-Chlorophenol	6.73	128	472770	50.68	ng	97
9) Benzaldehyde	6.48	77	274835	35.26	ng	89
10) Phenol	6.60	94	705388	55.42	ng	# 73
11) bis(2-Chloroethyl)ether	6.67	93	462235	45.50	ng	90
12) 1,3-Dichlorobenzene	6.88	146	528917m	48.41	ng	
13) 1,4-Dichlorobenzene	6.96	146	561809	50.81	ng	94
14) 1,2-Dichlorobenzene	7.10	146	459687	43.48	ng	98
15) Benzyl Alcohol	7.08	79	379972	47.18	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	797494	45.18	ng	94
17) 2-Methylphenol	7.21	107	407266	50.89	ng	98
18) Hexachloroethane	7.45	117	172469	45.69	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	317023	45.78	ng	94
20) 3+4-Methylphenols	7.36	107	459218	48.00	ng	90
22) Acetophenone	7.36	105	618834	48.73	ng	# 91
24) Nitrobenzene	7.53	77	531868	51.86	ng	96
25) Isophorone	7.77	82	921555	49.51	ng	99
26) 2-Nitrophenol	7.85	139	278540	57.13	ng	# 81
27) 2,4-Dimethylphenol	7.88	122	432298	50.49	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	570881	46.31	ng	98
29) 2,4-Dichlorophenol	8.09	162	390318	48.88	ng	89
30) 1,2,4-Trichlorobenzene	8.17	180	416254	48.37	ng	95
31) Naphthalene	8.25	128	1275819	45.25	ng	100
32) Benzoic acid	8.01	122	186854	39.93	ng	98
33) 4-Chloroaniline	8.30	127	83150	7.52	ng	97
34) Hexachlorobutadiene	8.36	225	218112	46.07	ng	99
35) Caprolactam	8.68	113	129616m	51.60	ng	
36) 4-Chloro-3-methylphenol	8.80	107	411245	49.40	ng	97
37) 2-Methylnaphthalene	8.94	142	906296	50.06	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	384166	45.14	ng	99
40) Hexachlorocyclopentadiene	9.09	237	215468	56.12	ng	95

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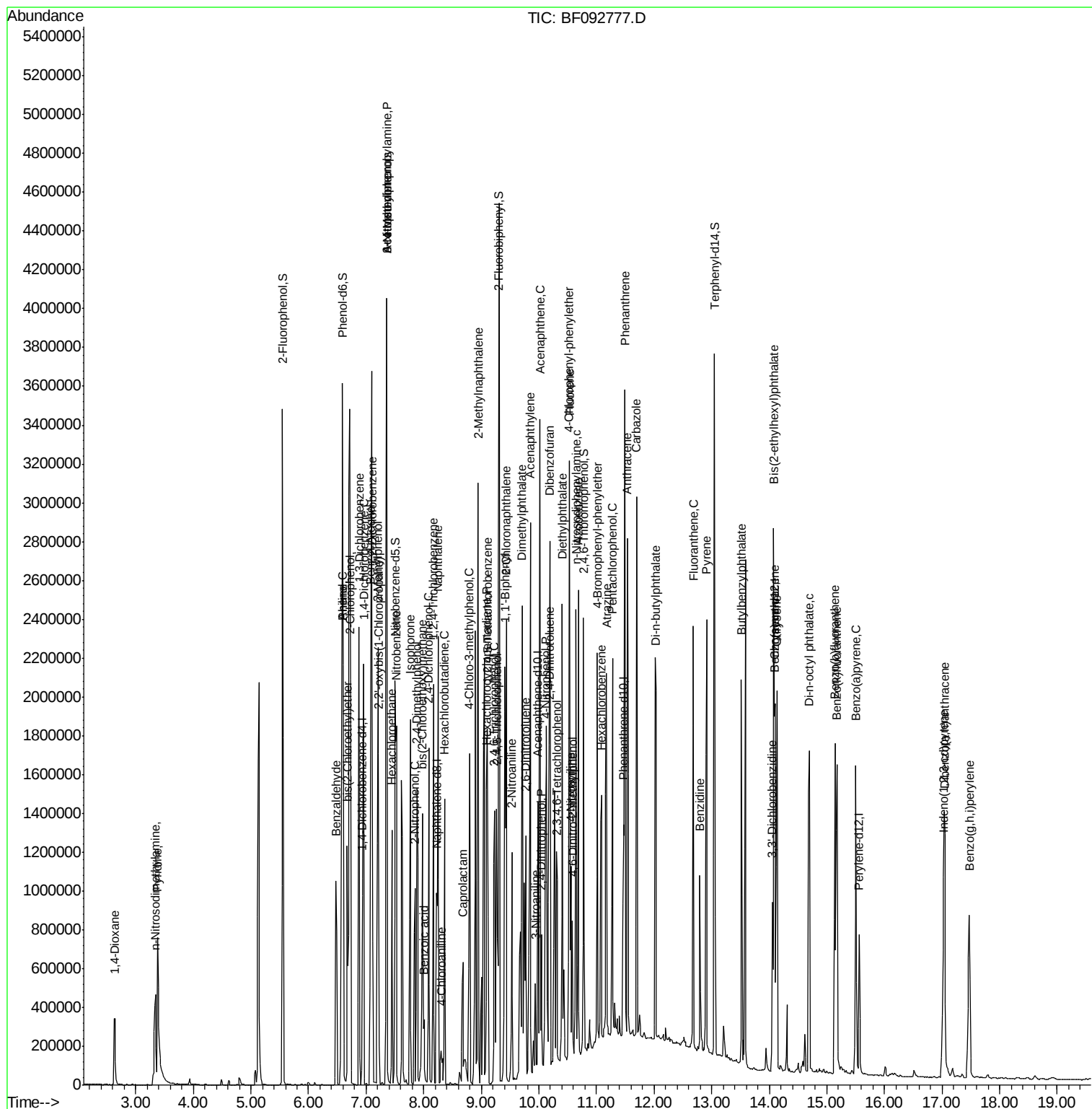
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	294799	52.72	nq	96
43) 2,4,5-Trichlorophenol	9.26	196	278918	45.53	nq	96
45) 1,1'-Biphenyl	9.41	154	1048554	47.77	nq	97
46) 2-Chloronaphthalene	9.44	162	874780	50.94	nq	98
47) 2-Nitroaniline	9.53	65	240257	41.61	nq	97
48) Acenaphthylene	9.85	152	1237892	41.73	nq	99
49) Dimethylphthalate	9.71	163	1129284	55.30	nq	99
50) 2,6-Dinitrotoluene	9.77	165	218054	49.45	nq	# 78
51) Acenaphthene	10.02	154	808450	45.58	nq	98
52) 3-Nitroaniline	9.94	138	77567	15.37	nq	89
53) 2,4-Dinitrophenol	10.04	184	103471	48.13	nq	# 56
54) Dibenzofuran	10.19	168	1069468	45.08	nq	95
55) 4-Nitrophenol	10.12	139	336972	92.71	nq	# 70
56) 2,4-Dinitrotoluene	10.18	165	310512	52.89	nq	# 75
57) Fluorene	10.53	166	827646	45.35	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.32	232	204768	50.10	nq	95
59) Diethylphthalate	10.41	149	933126	48.49	nq	98
60) 4-Chlorophenyl-phenylether	10.52	204	370848	42.30	nq	90
61) 4-Nitroaniline	10.56	138	190708	36.90	nq	90
62) Azobenzene	10.68	77	963705	48.47	nq	95
64) 4,6-Dinitro-2-methylphenol	10.58	198	88177	30.52	nq	# 55
65) n-Nitrosodiphenylamine	10.65	169	796667	50.77	nq	100
66) 4-Bromophenyl-phenylether	11.01	248	270649	52.74	nq	# 91
67) Hexachlorobenzene	11.08	284	253258	49.94	nq	# 91
68) Atrazine	11.17	200	282193	56.04	nq	96
69) Pentachlorophenol	11.28	266	236829	89.53	nq	98
70) Phenanthrene	11.49	178	1287705	45.76	nq	98
71) Anthracene	11.54	178	1244287	44.03	nq	99
72) Carbazole	11.70	167	1098018	40.65	nq	99
73) Di-n-butylphthalate	12.03	149	1561477	53.45	nq	# 96
74) Fluoranthene	12.68	202	1213816	41.82	nq	92
76) Benzidine	12.80	184	383278	32.71	nq	97
77) Pyrene	12.91	202	1177390	57.21	nq	99
79) Butylbenzylphthalate	13.52	149	534079	63.91	nq	100
80) Benzo(a)anthracene	14.09	228	817613	48.61	nq	99
81) 3,3'-Dichlorobenzidine	14.05	252	174760	29.15	nq	97
82) Chrysene	14.13	228	813163	51.64	nq	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	678739	59.39	nq	99
84) Di-n-octyl phthalate	14.69	149	1136948	61.09	nq	100
85) Indeno(1,2,3-cd)pyrene	17.03	276	851899	69.84	nq	95
87) Benzo(b)fluoranthene	15.14	252	851166	43.16	nq	98
88) Benzo(k)fluoranthene	15.17	252	834635m	49.01	nq	
89) Benzo(a)pyrene	15.51	252	826272	48.43	nq	98
90) Dibenzo(a,h)anthracene	17.05	278	714569	51.83	nq	98
91) Benzo(g,h,i)perylene	17.47	276	695411	49.93	nq	# 92

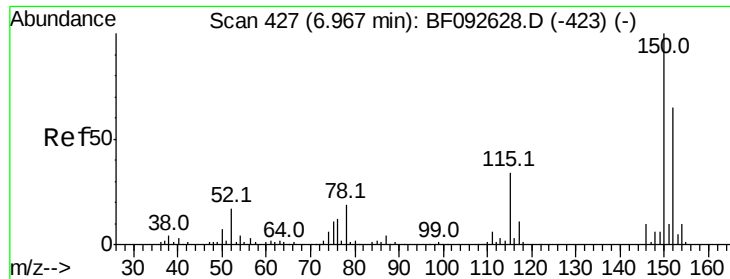
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampleId :

RVE-7MSD

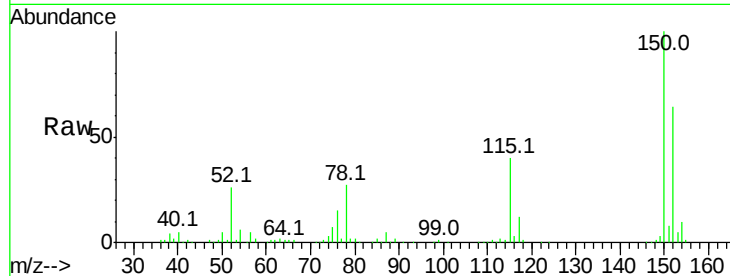
Tot Ion:152 Resp: 145055

Ion Ratio Lower Upper

152 100

150 155.7 124.9 187.3

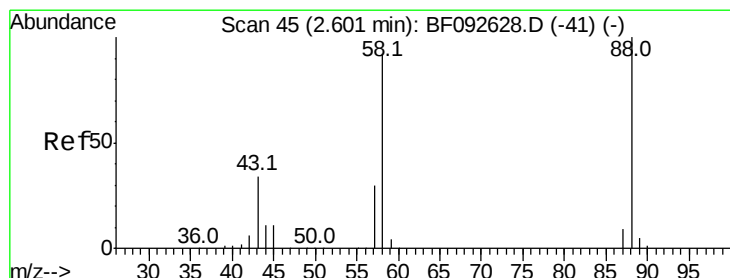
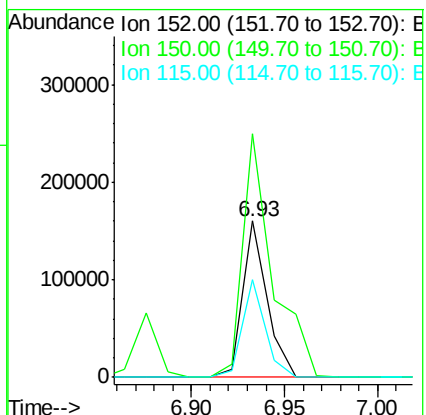
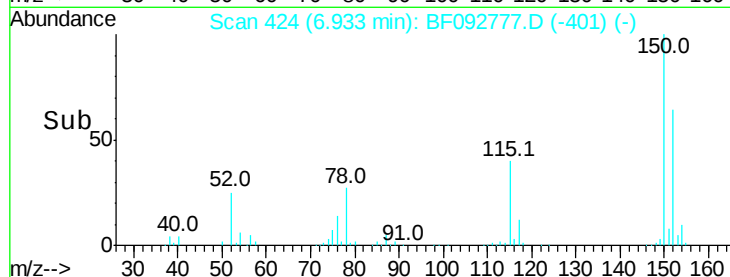
115 62.5 46.0 69.0



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: 43.90 ng

RT: 2.64 min Scan# 48

Delta R.T. 0.03 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

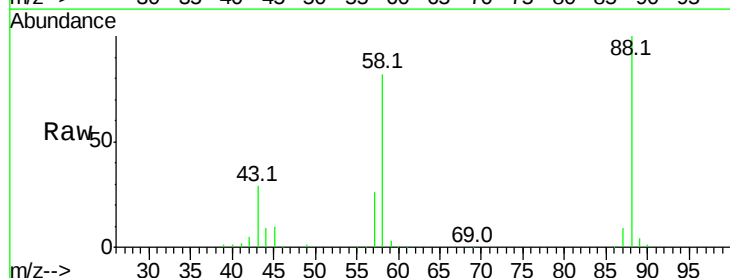
Tgt Ion: 88 Resp: 200543

Ion Ratio Lower Upper

88 100

58 86.6 57.8 86.8

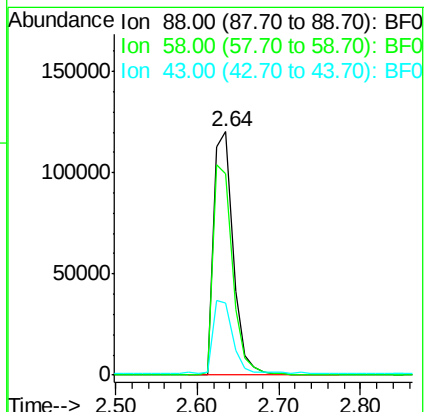
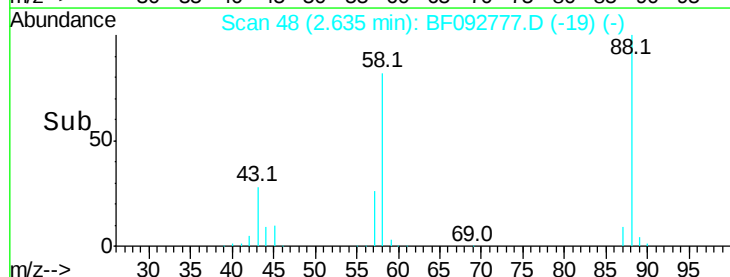
43 31.1 22.3 33.5

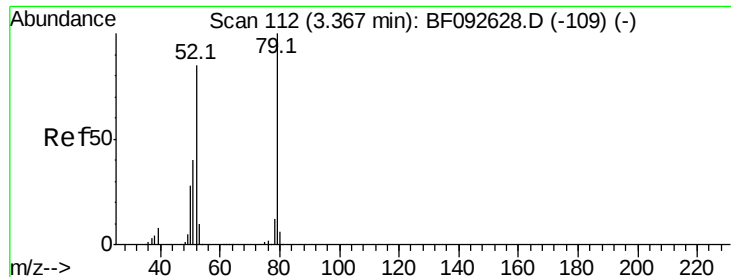


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.68 ng

RT: 3.38 min Scan# 113

Delta R.T. 0.01 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

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RVE-7MSD

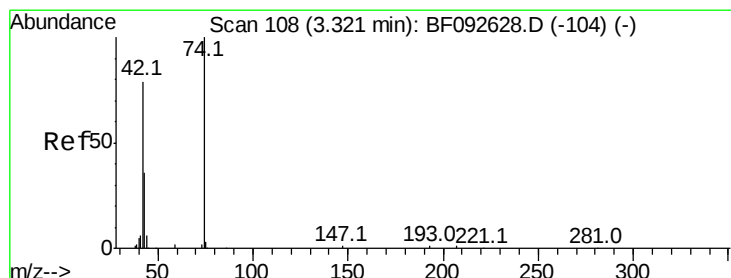
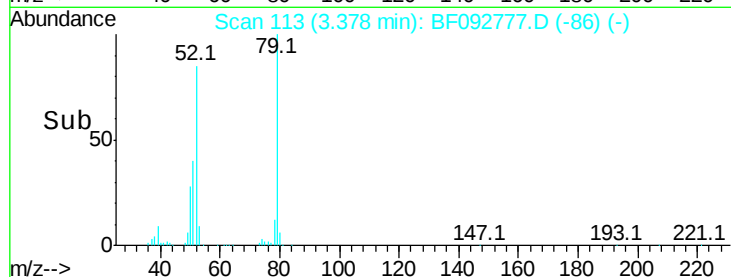
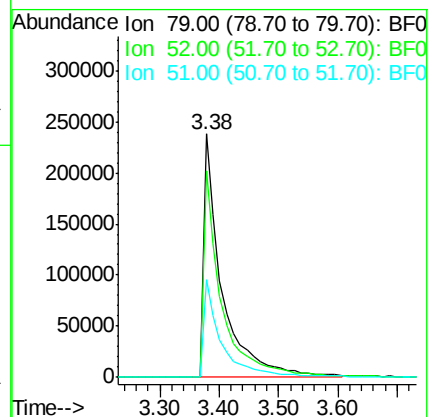
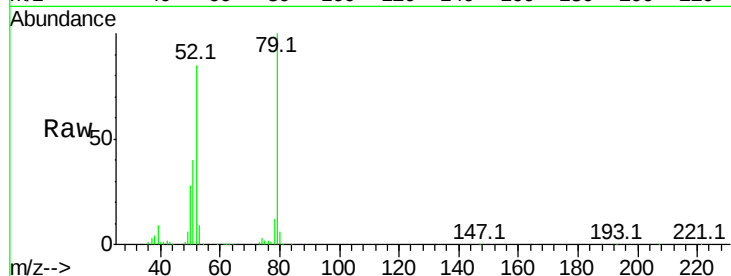
Tot Ion: 79 Resp: 519034

Ion Ratio Lower Upper

79 100

52 84.8 57.1 85.7

51 40.2 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 57.81 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

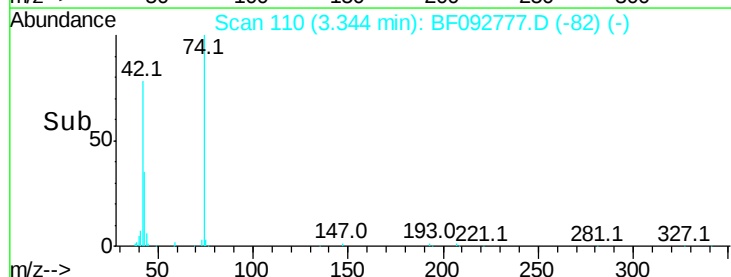
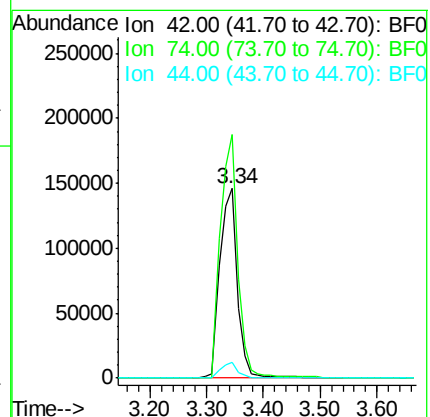
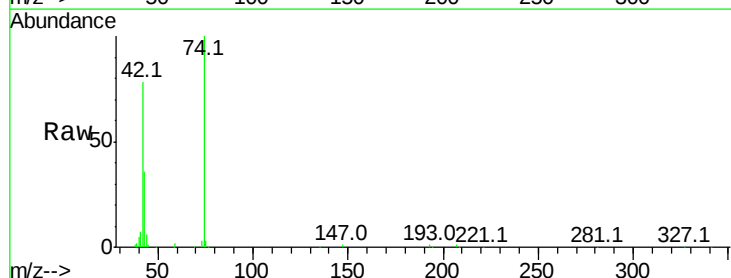
Tgt Ion: 42 Resp: 315334

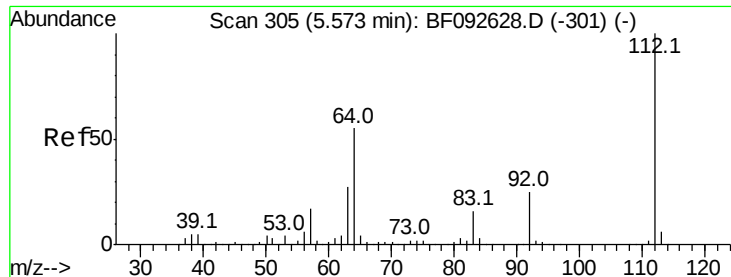
Ion Ratio Lower Upper

42 100

74 128.3 117.0 175.4

44 8.0 5.5 8.3





#5

2-Fluorophenol

Concen: 150.72 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

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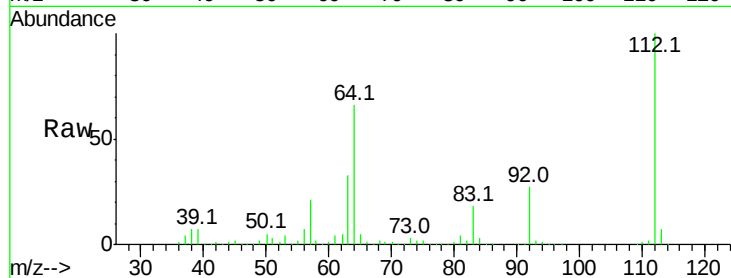
Tot Ion:112 Resp: 1274314

Ion Ratio Lower Upper

112 100

64 66.5 46.1 69.1

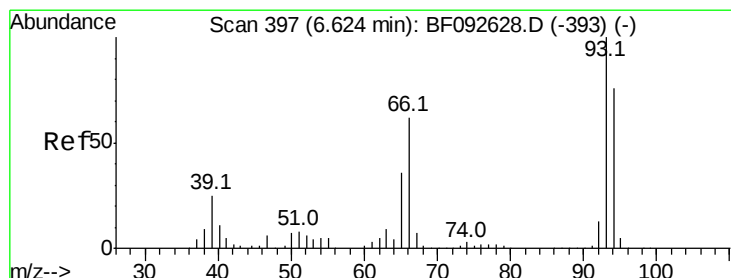
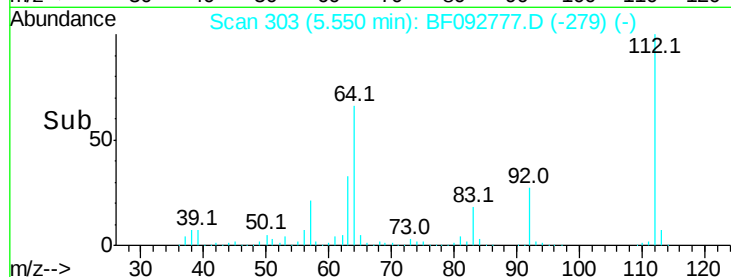
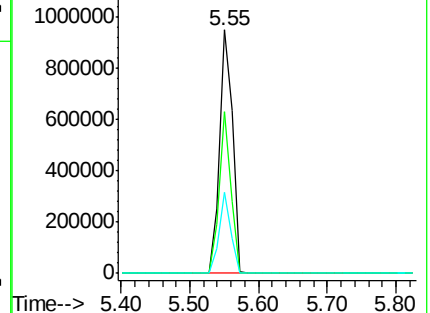
63 33.5 23.8 35.6



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: 14.44 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

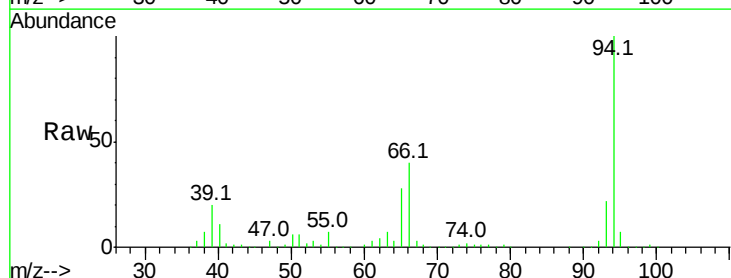
Tgt Ion: 93 Resp: 214252

Ion Ratio Lower Upper

93 100

66 183.9 76.2 114.2#

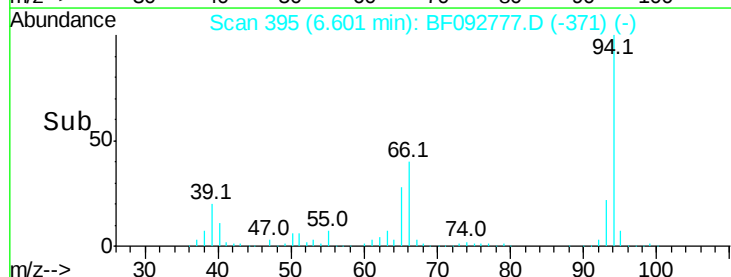
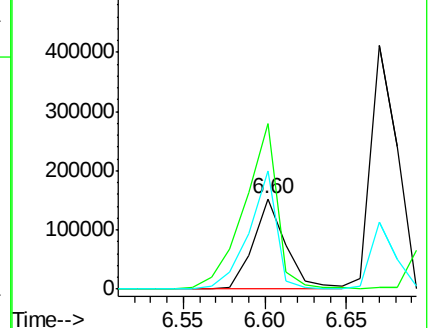
65 130.3 49.3 73.9#

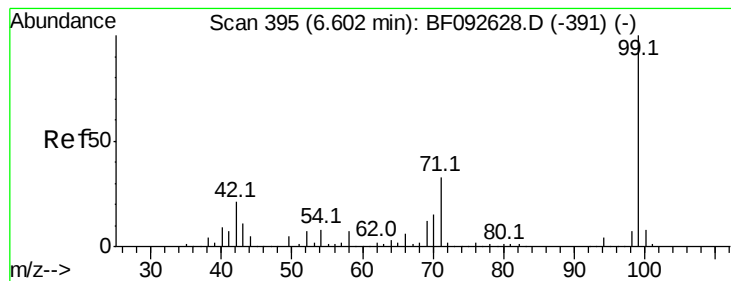


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 154.54 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

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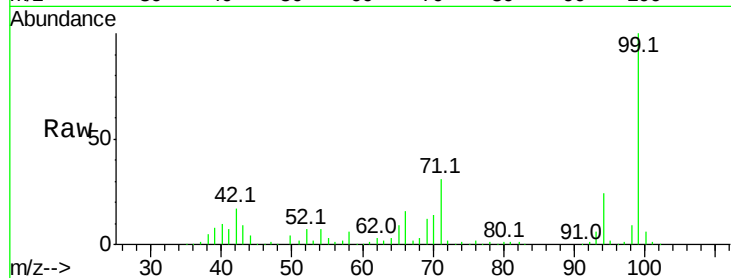
Tot Ion: 99 Resp: 1681220

Ion Ratio Lower Upper

99 100

42 17.3 15.6 23.4

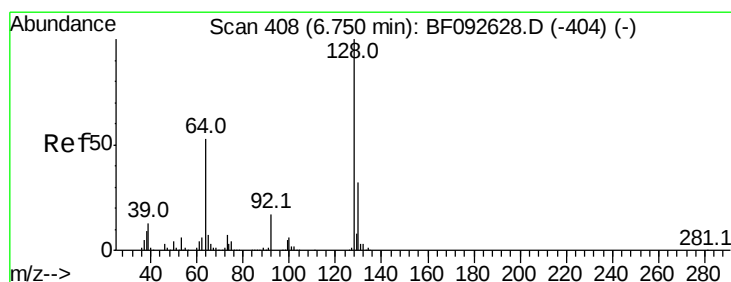
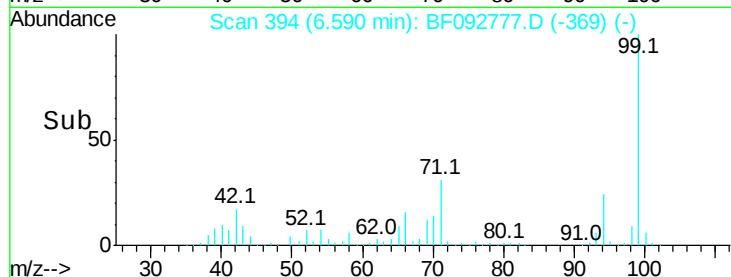
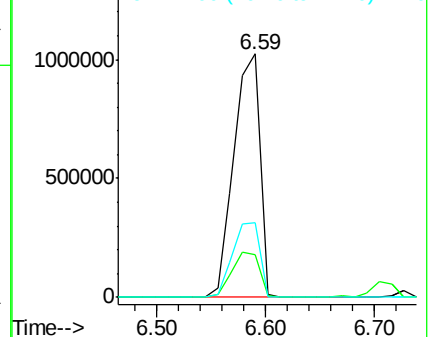
71 30.5 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 50.68 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

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Acq: 3 Feb 2017 13:52

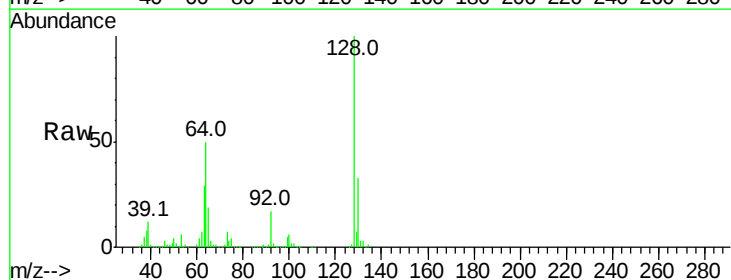
Tgt Ion:128 Resp: 472770

Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

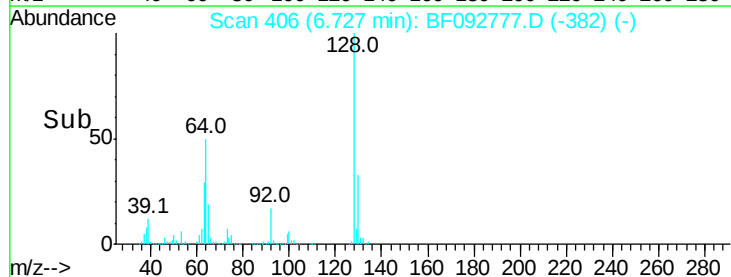
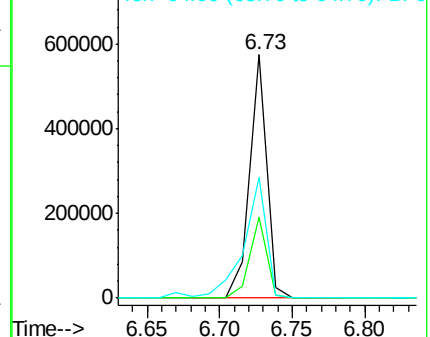
64 49.5 32.2 72.2

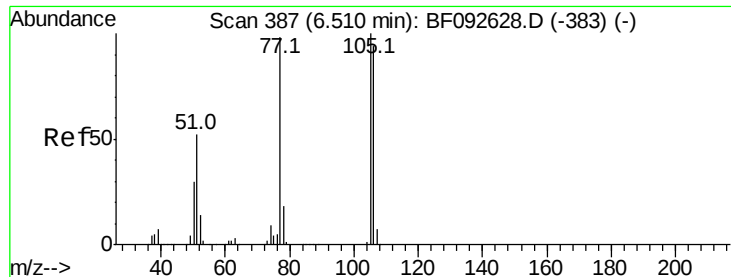


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.26 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

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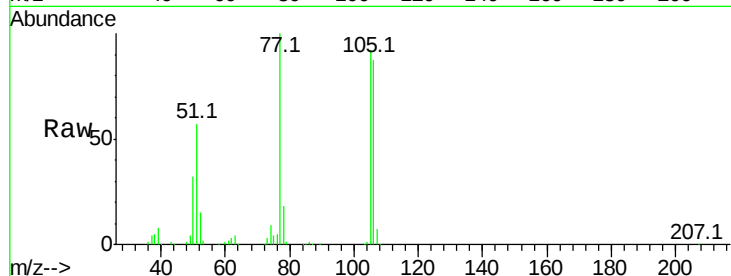
Tot Ion: 77 Resp: 274835

Ion Ratio Lower Upper

77 100

105 91.8 83.9 123.9

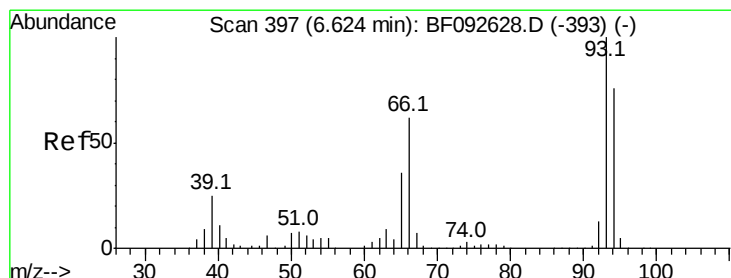
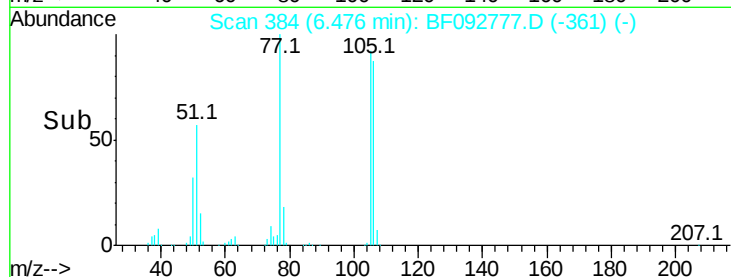
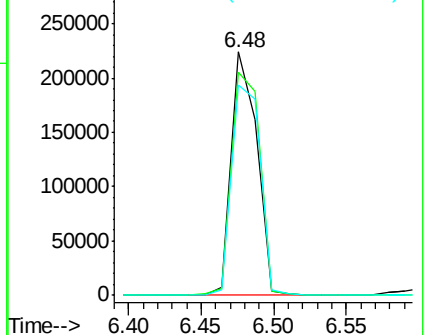
106 86.6 77.6 117.6



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: 55.42 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

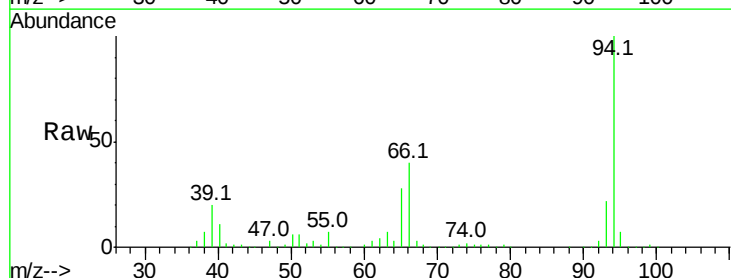
Tgt Ion: 94 Resp: 705388

Ion Ratio Lower Upper

94 100

65 28.3 21.4 61.4

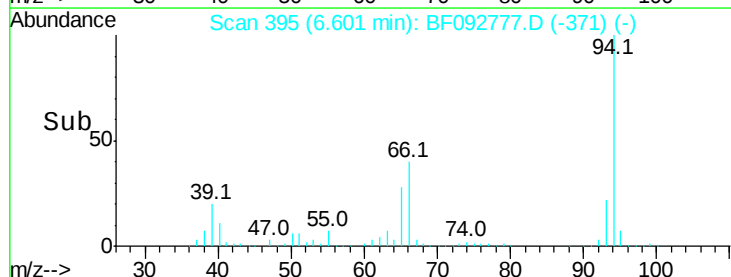
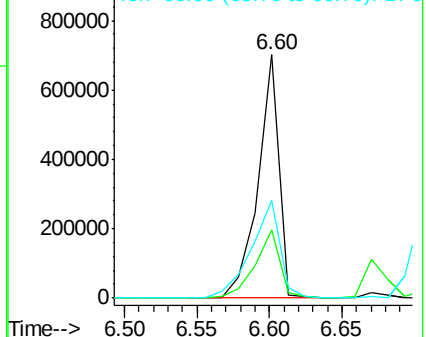
66 39.9 44.0 84.0#

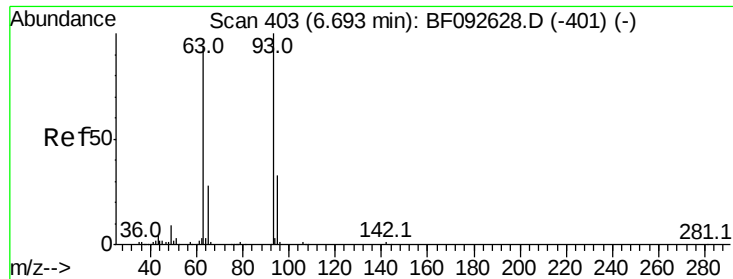


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.50 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampled :

RVE-7MSD

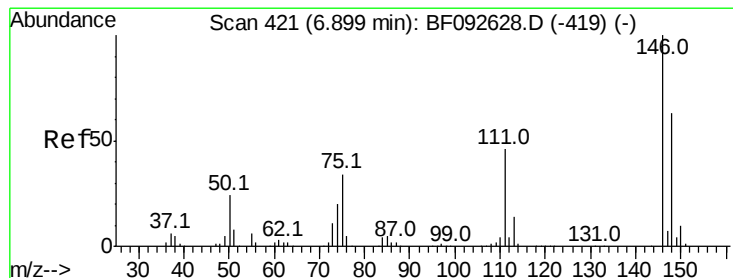
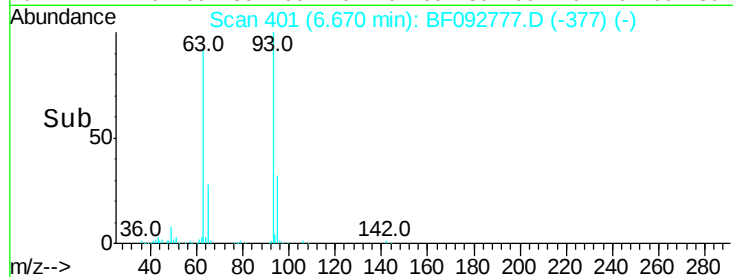
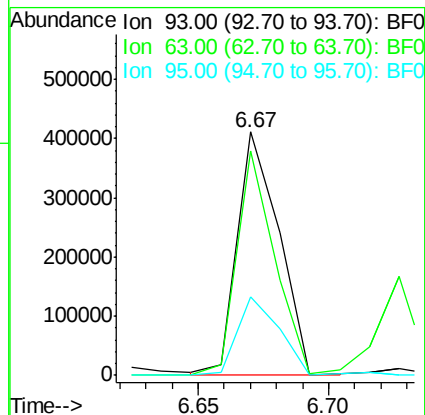
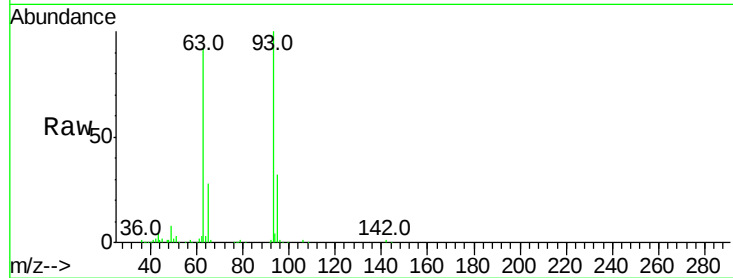
Tot Ion: 93 Resp: 462235

Ion Ratio Lower Upper

93 100

63 92.2 60.4 100.4

95 32.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 48.41 ng m

RT: 6.88 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

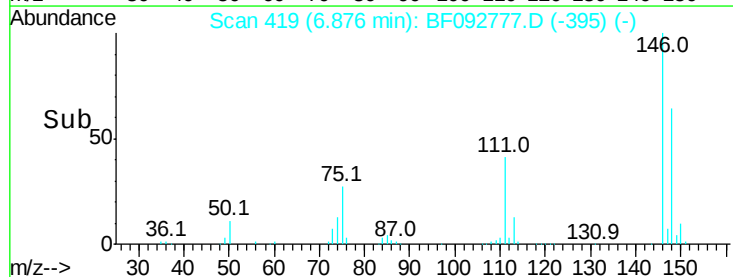
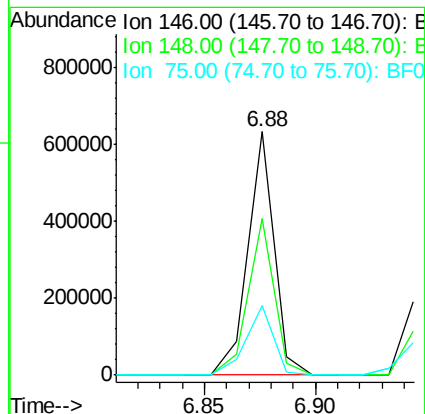
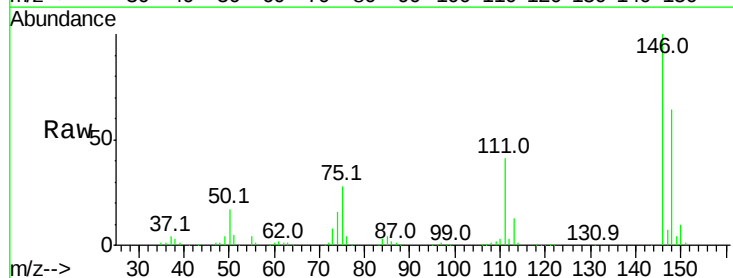
Tgt Ion: 146 Resp: 528917

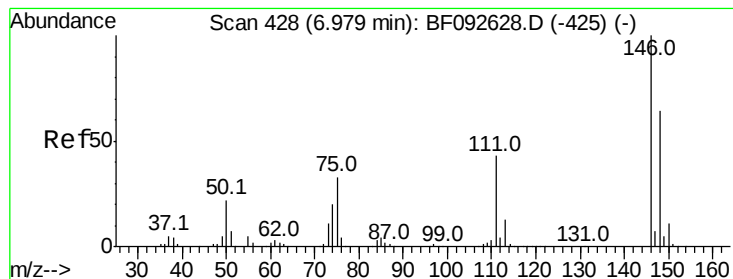
Ion Ratio Lower Upper

146 100

148 64.1 53.4 80.0

75 28.4 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 50.81 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampleId :

RVE-7MSD

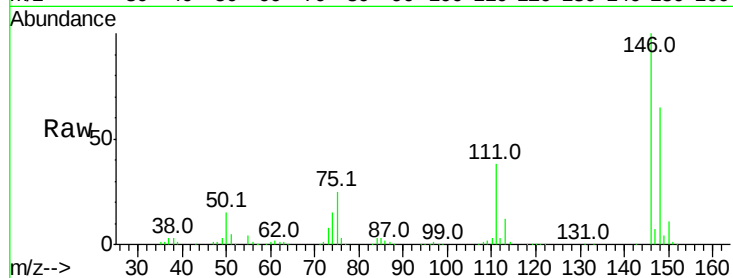
Tot Ion:146 Resp: 561809

Ion Ratio Lower Upper

146 100

148 64.9 50.6 76.0

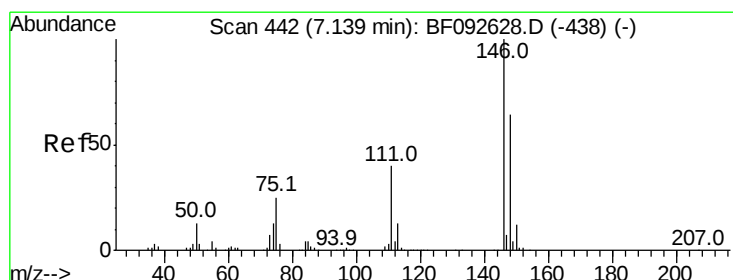
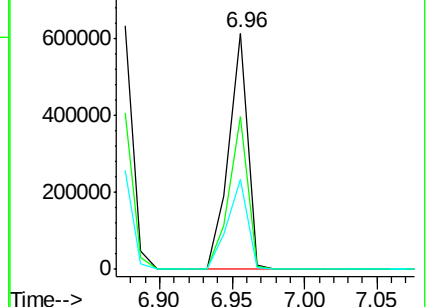
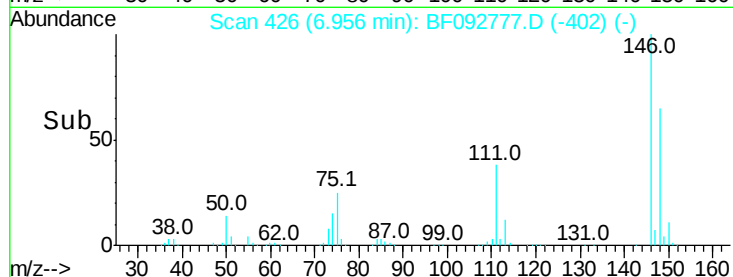
111 37.9 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.48 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

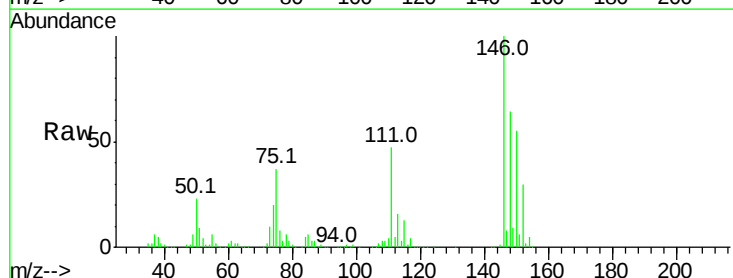
Tgt Ion:146 Resp: 459687

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

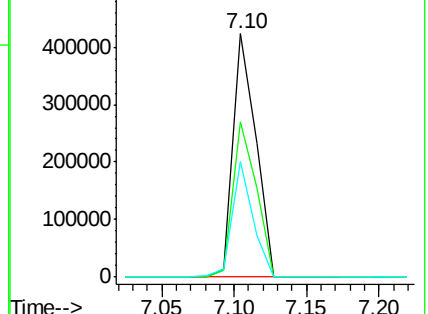
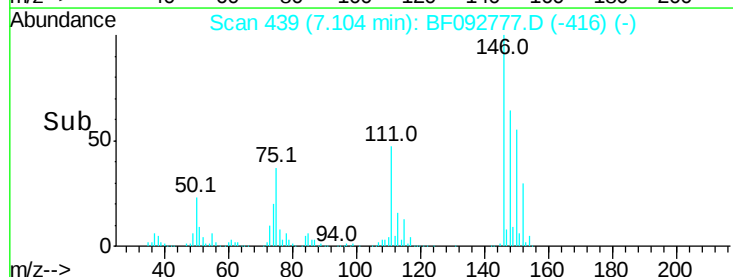
111 47.5 36.2 54.2

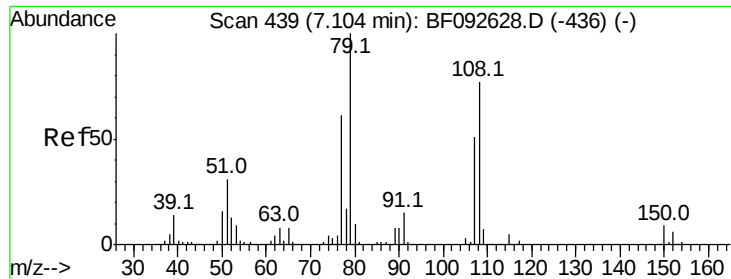


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

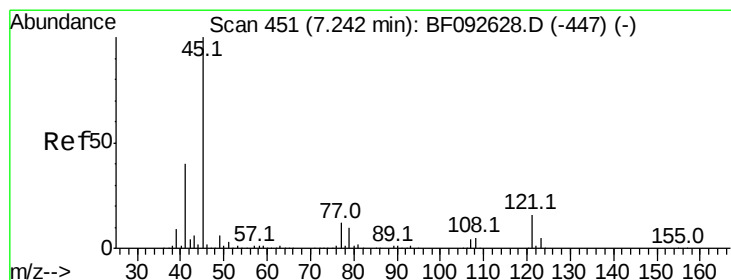
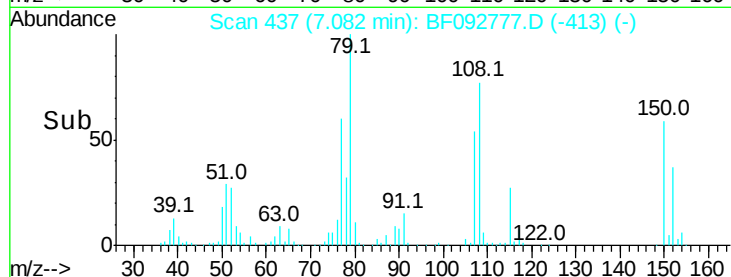
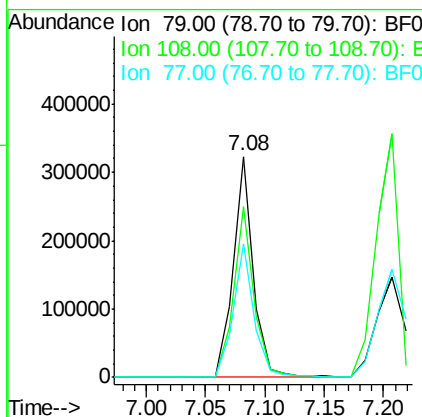
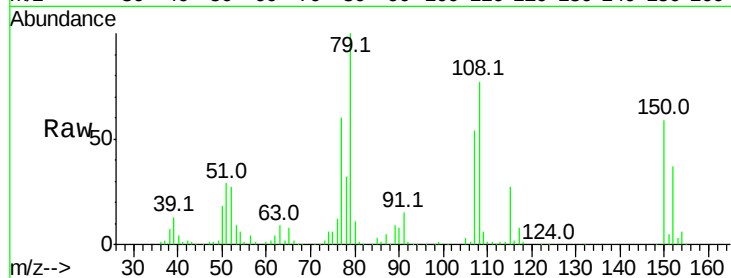




#15
Benzyl Alcohol
Concen: 47.18 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

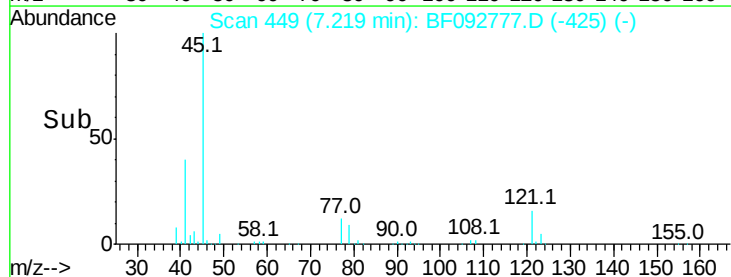
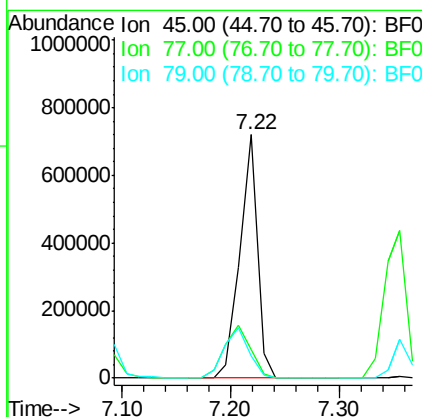
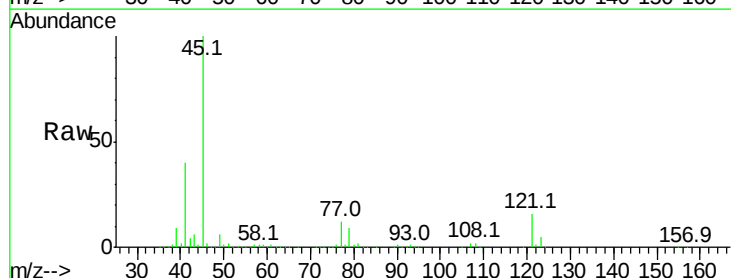
Instrument :
BNA_F
ClientSampleId :
RVE-7MSD

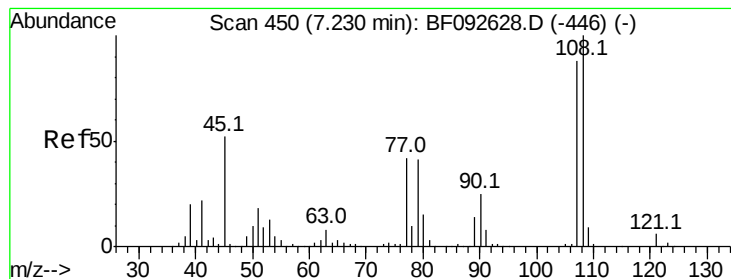
Tot Ion: 79 Resp: 379972
Ion Ratio Lower Upper
79 100
108 77.0 61.4 92.0
77 60.4 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.18 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

Tgt Ion: 45 Resp: 797494
Ion Ratio Lower Upper
45 100
77 11.9 0.0 34.6
79 9.3 0.0 31.2





#17

2-Methylphenol

Concen: 50.89 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampleId :

RVE-7MSD

Tot Ion:107 Resp: 407266

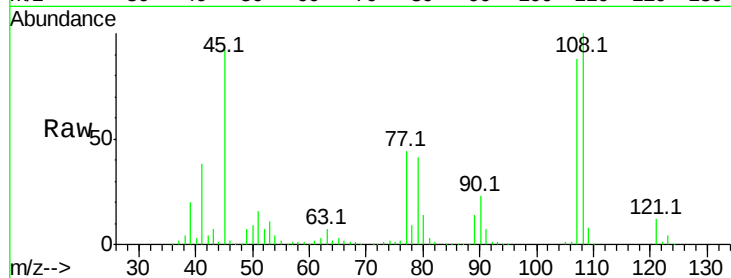
Ion Ratio Lower Upper

107 100

108 113.9 93.0 139.6

77 50.3 39.8 59.8

79 47.1 38.0 57.0

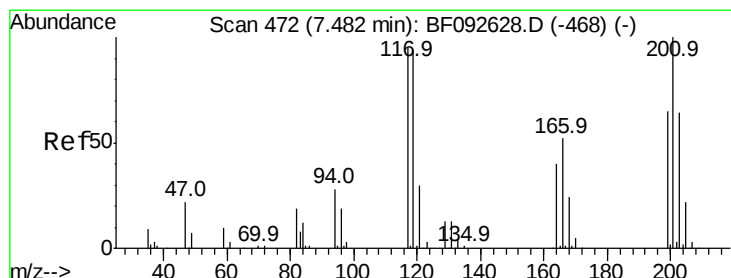
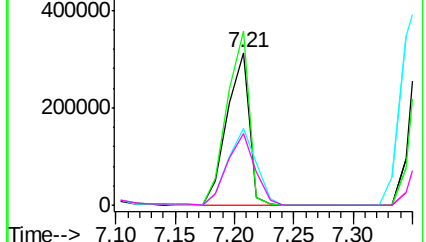
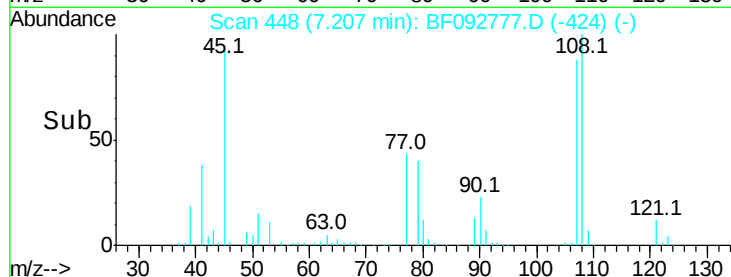


Abundance Ion 107.00 (106.70 to 107.70): E

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: 45.69 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.03 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

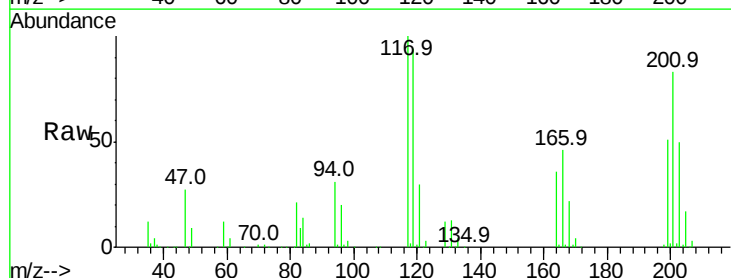
Tgt Ion:117 Resp: 172469

Ion Ratio Lower Upper

117 100

119 94.1 78.1 117.1

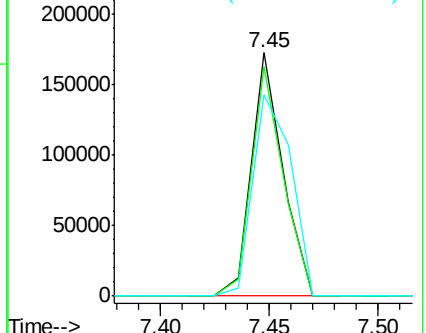
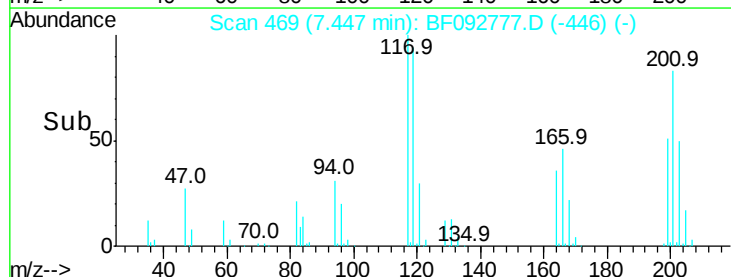
201 82.8 78.6 117.8

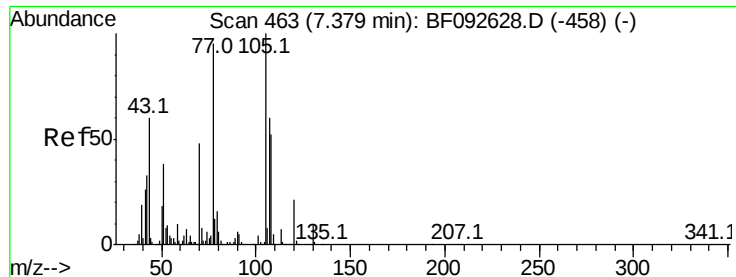


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

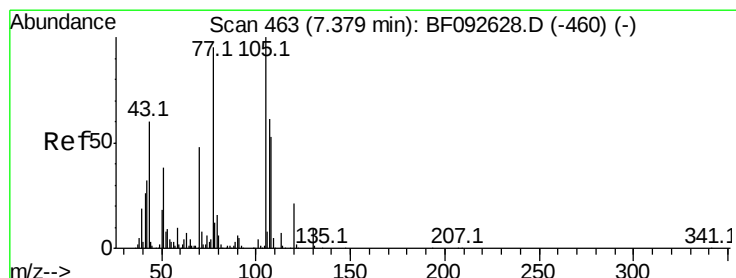
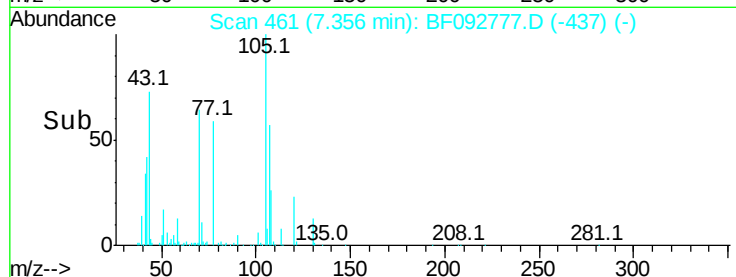
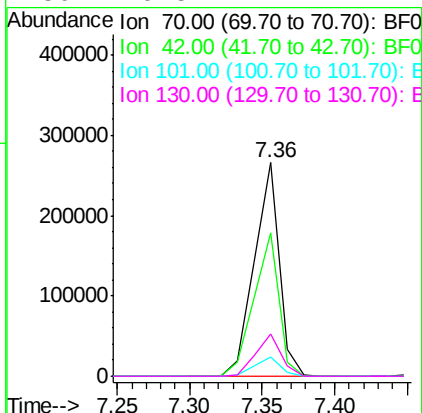
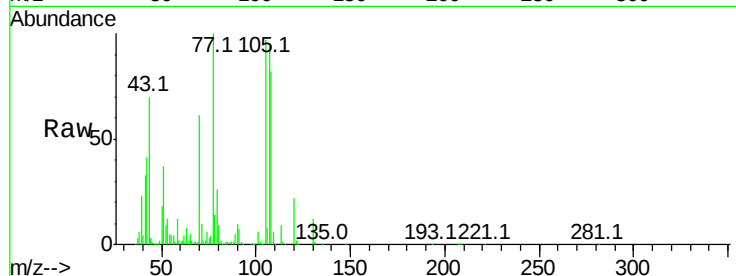




#19
n-Nitroso-di-n-propylamine
Concen: 45.78 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

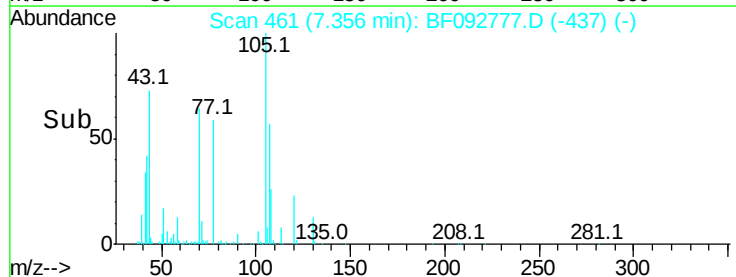
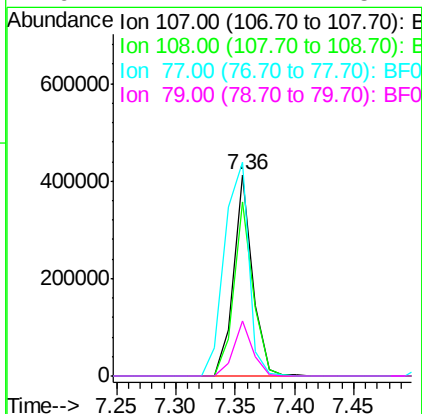
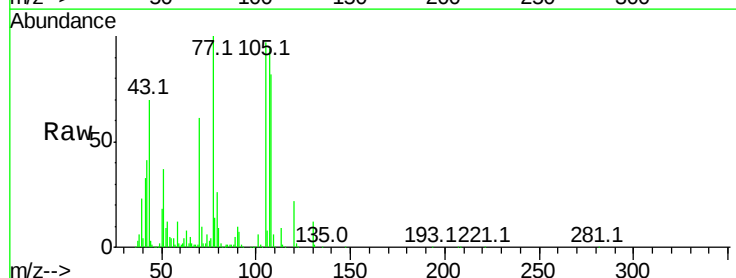
Instrument :
BNA_F
ClientSampleId :
RVE-7MSD

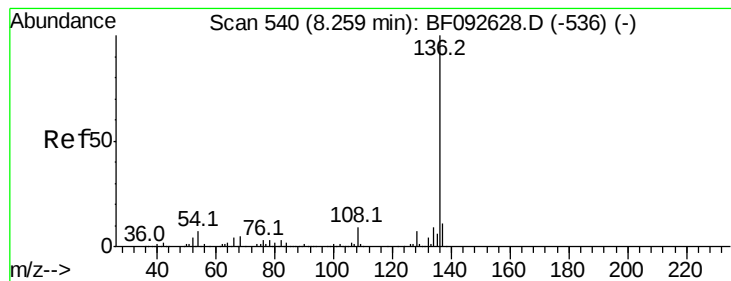
Tot Ion:	70	Resp:	317023
Ion	Ratio	Lower	Upper
70	100		
42	66.9	49.4	74.0
101	9.1	7.4	11.2
130	19.5	14.2	21.4



#20
3+4-Methylphenols
Concen: 48.00 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

Tgt Ion:	107	Resp:	459218
Ion	Ratio	Lower	Upper
107	100		
108	86.7	73.0	113.0
77	106.3	71.3	111.3
79	27.4	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampleId :

RVE-7MSD

Tot Ion:136 Resp: 556203

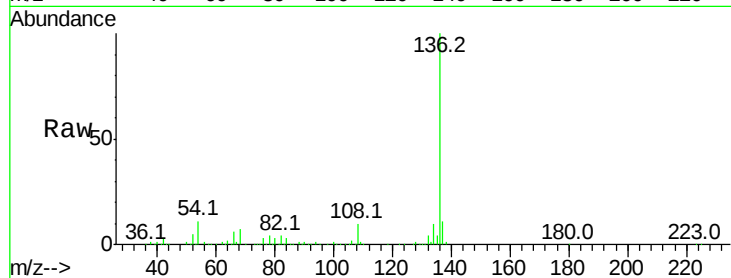
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.2 4.5 6.7#

68 7.1 3.6 5.4#

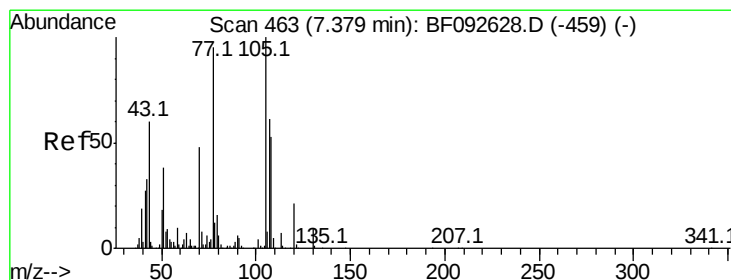
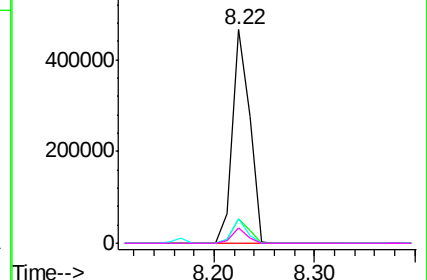
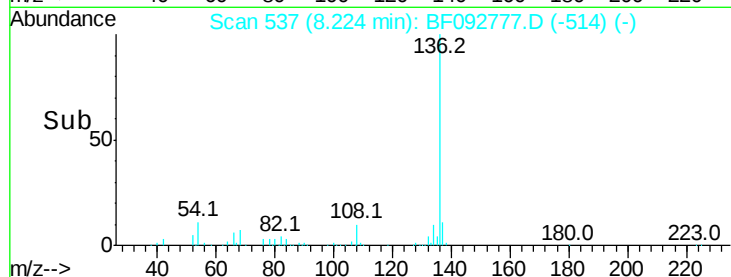


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 48.73 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Tgt Ion:105 Resp: 618834

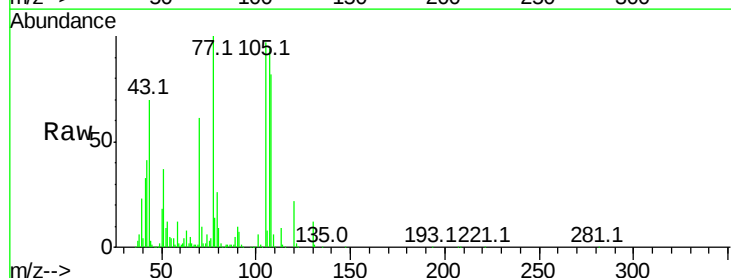
Ion Ratio Lower Upper

105 100

71 10.4 3.2 4.8#

51 38.6 26.2 39.4

120 22.5 16.6 24.8

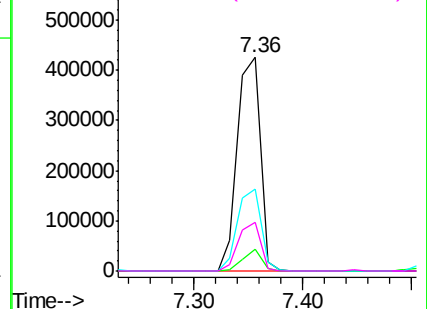
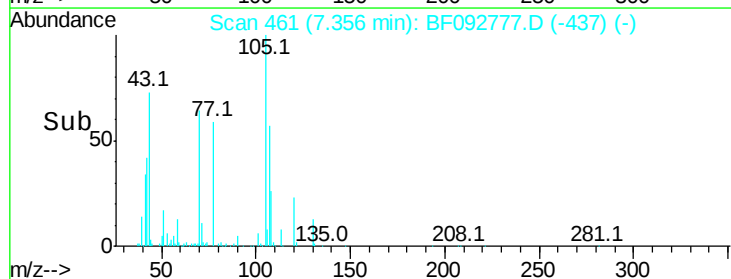


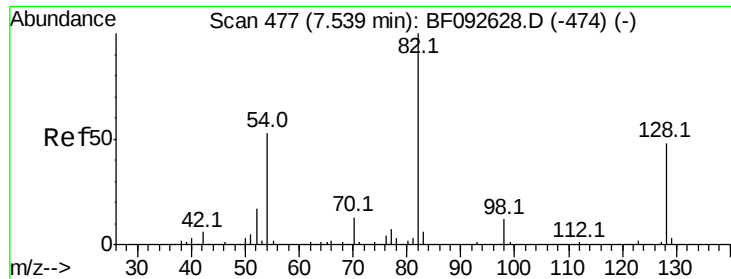
Abundance Ion 105.00 (104.70 to 105.70): E

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



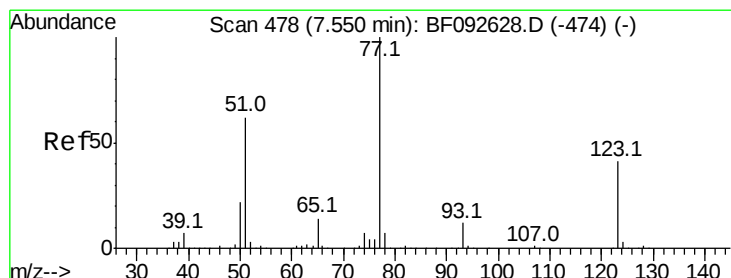
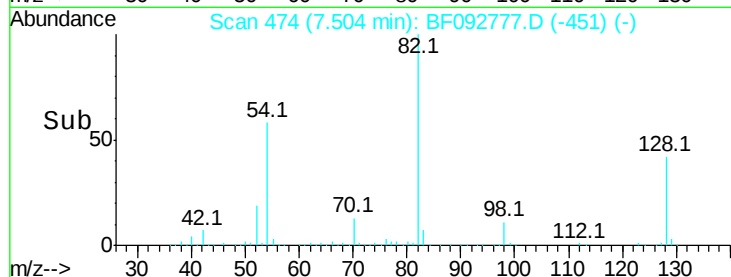
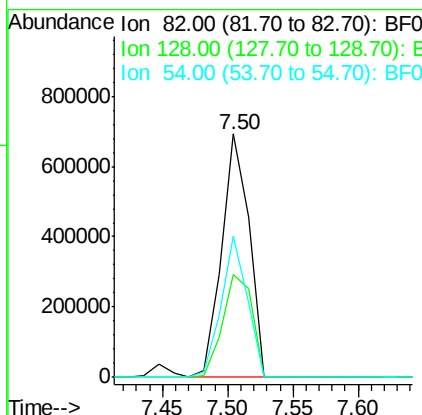
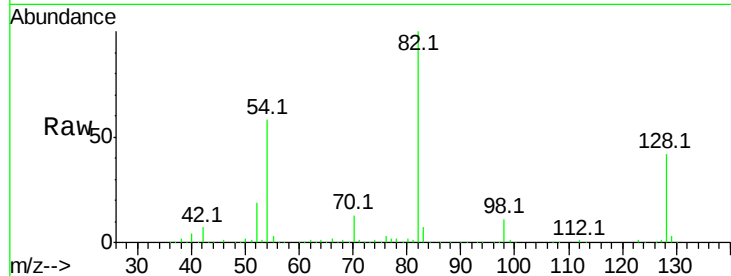


#23
 Nitrobenzene-d5
 Concen: 100.45 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MSD

Tot Ion: 82 Resp: 1003327

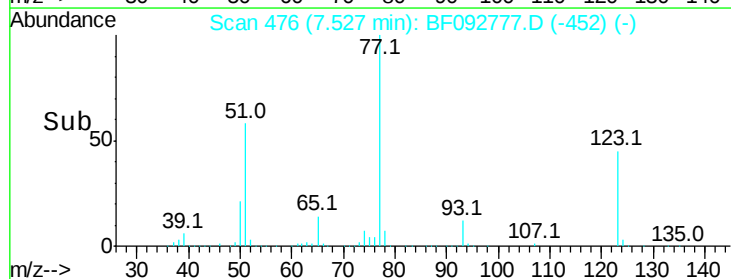
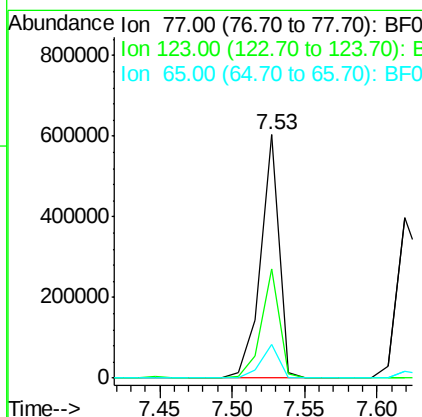
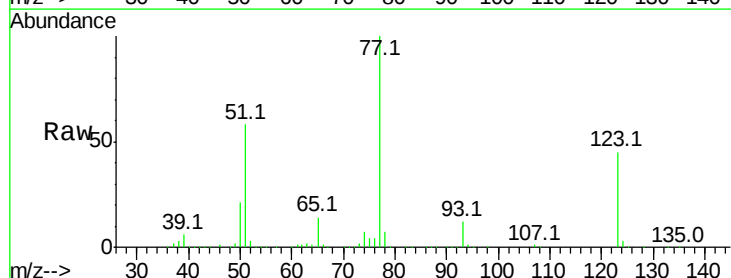
Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	52.0
54	58.2	39.5	59.3

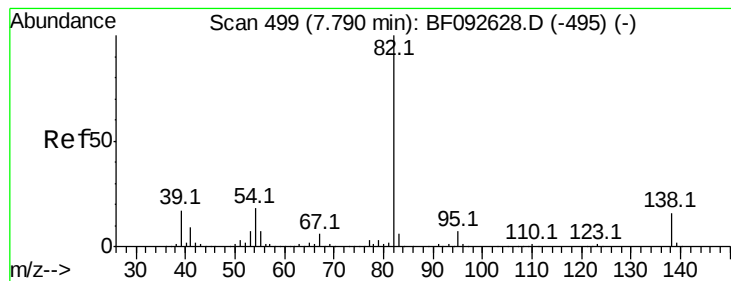


#24
 Nitrobenzene
 Concen: 51.86 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.02 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Tgt Ion: 77 Resp: 531868

Ion	Ratio	Lower	Upper
77	100		
123	44.6	33.0	49.4
65	13.7	11.2	16.8





#25

Isophorone

Concen: 49.51 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampleId :

RVE-7MSD

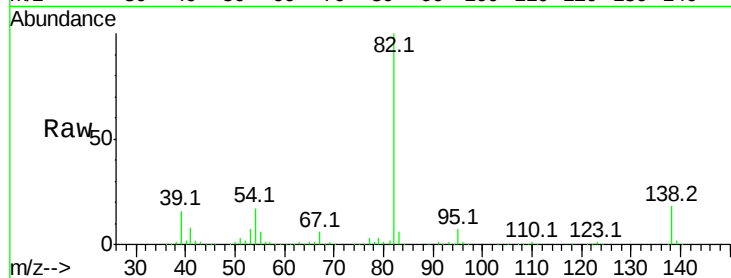
Tot Ion: 82 Resp: 921555

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

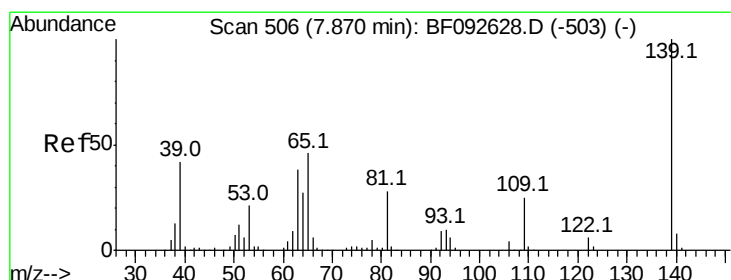
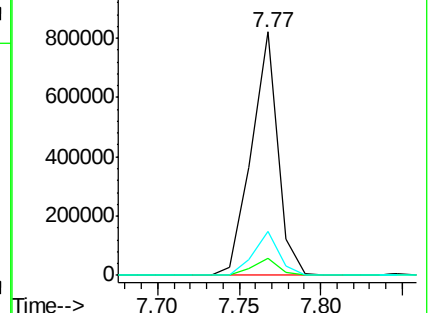
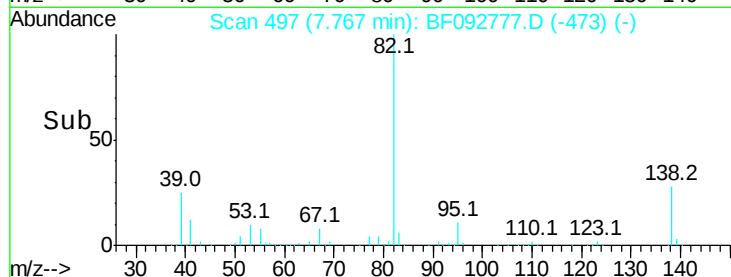
138 17.9 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 57.13 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

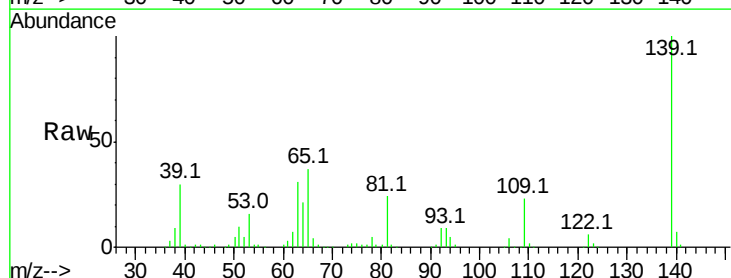
Tgt Ion: 139 Resp: 278540

Ion Ratio Lower Upper

139 100

109 23.0 23.3 34.9#

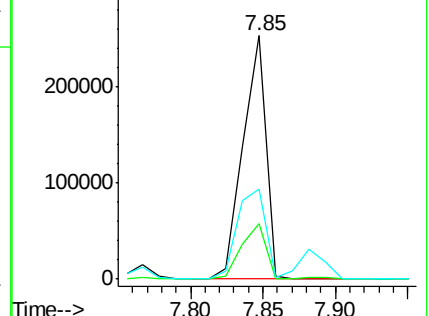
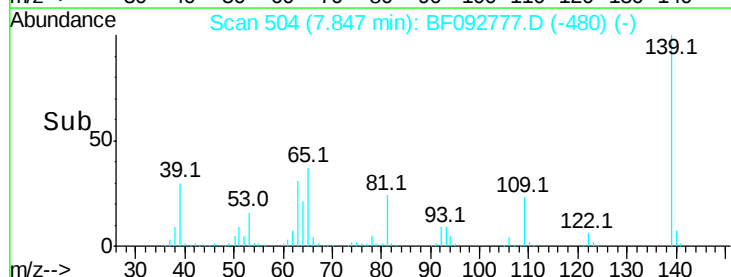
65 36.9 42.7 64.1#

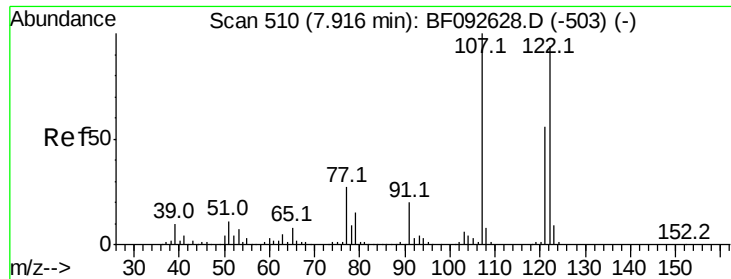


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

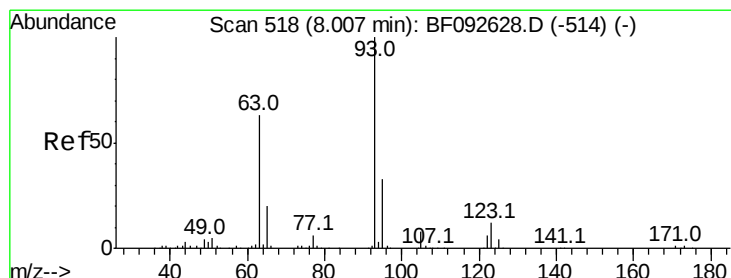
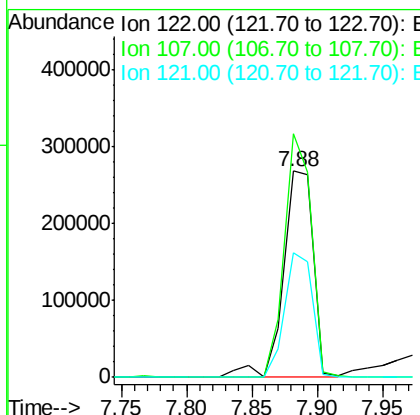
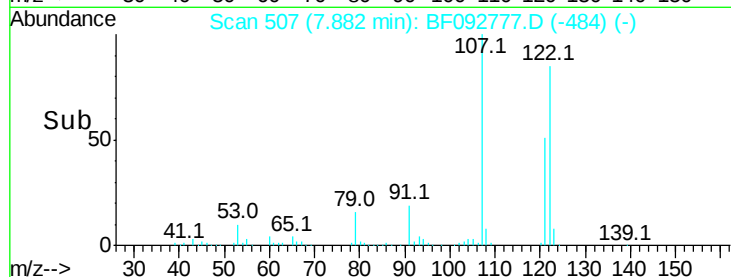
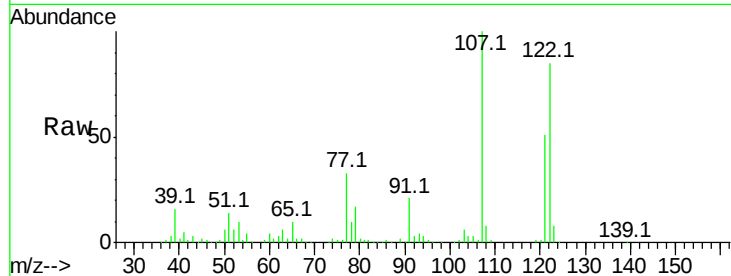




#27
 2,4-Dimethylphenol
 Concen: 50.49 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.03 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

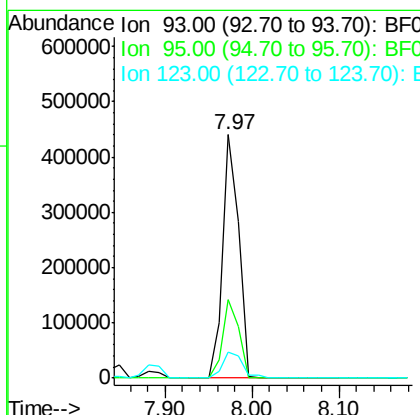
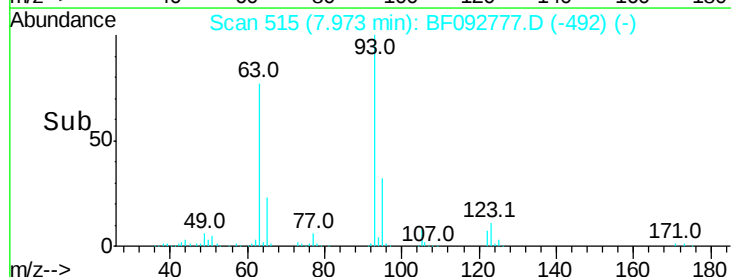
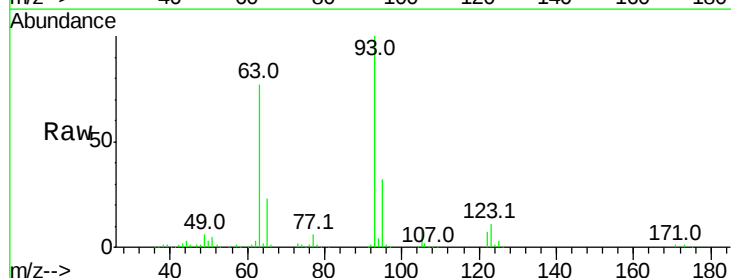
Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MSD

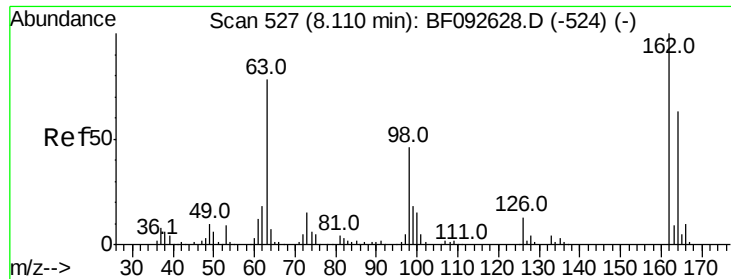
Tot Ion:122 Resp: 432298
 Ion Ratio Lower Upper
 122 100
 107 118.2 94.1 141.1
 121 60.4 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.31 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Tgt Ion: 93 Resp: 570881
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.5 39.7
 123 10.5 8.6 13.0

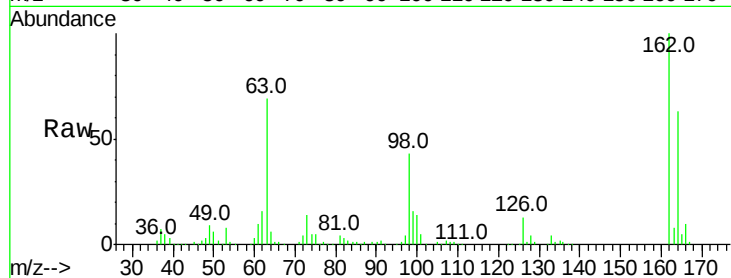




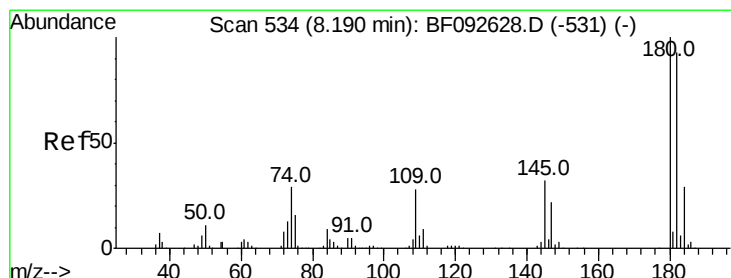
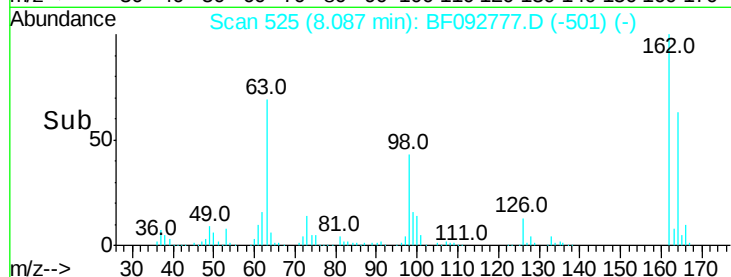
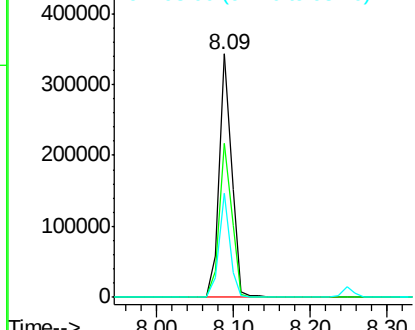
#29
 2,4-Dichlorophenol
 Concen: 48.88 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.02 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MSD

Tot Ion:162 Resp: 390318
 Ion Ratio Lower Upper
 162 100
 164 63.2 46.8 86.8
 98 42.5 9.1 49.1

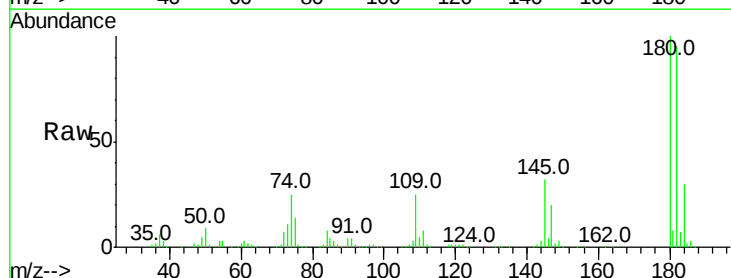


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

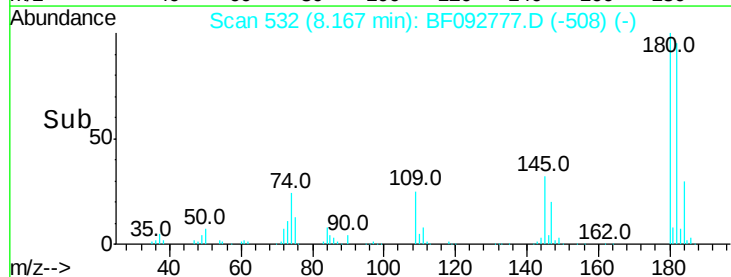
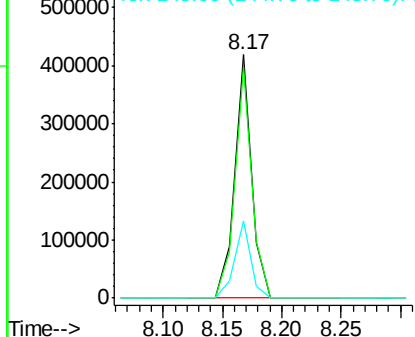


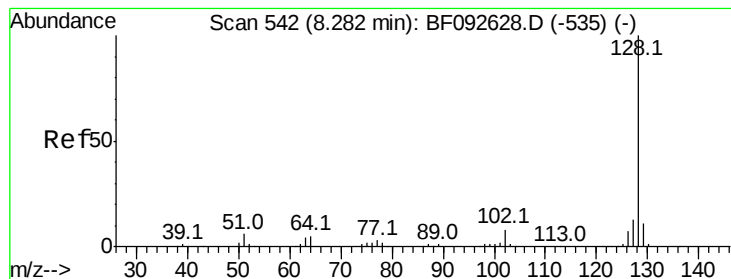
#30
 1,2,4-Trichlorobenzene
 Concen: 48.37 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Tgt Ion:180 Resp: 416254
 Ion Ratio Lower Upper
 180 100
 182 94.6 78.2 117.4
 145 31.7 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: 45.25 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.03 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampleId :

RVE-7MSD

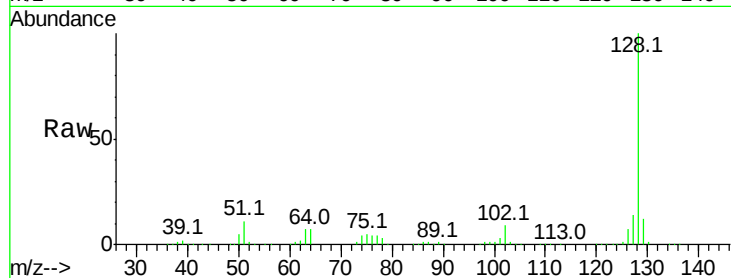
Tot Ion:128 Resp: 1275819

Ion Ratio Lower Upper

128 100

129 11.7 9.5 14.3

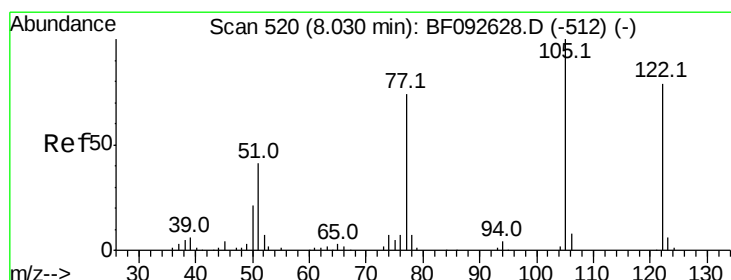
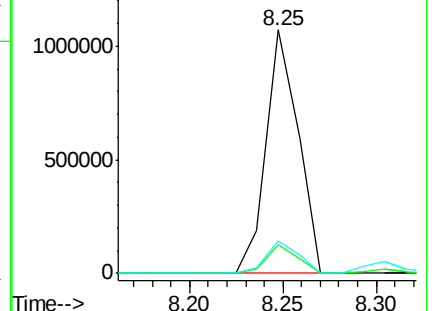
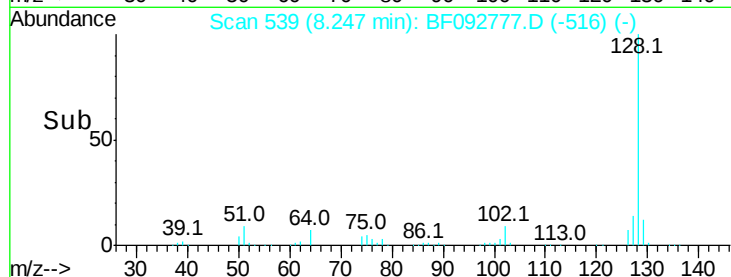
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.93 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

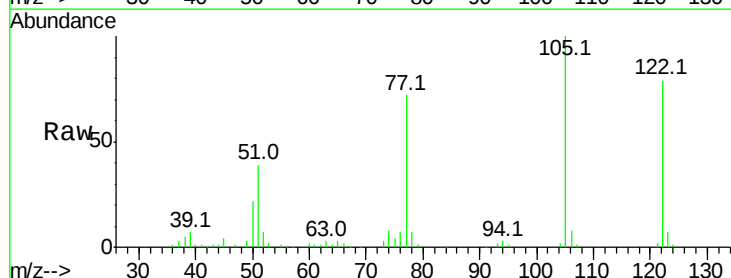
Tgt Ion:122 Resp: 186854

Ion Ratio Lower Upper

122 100

105 126.0 107.2 147.2

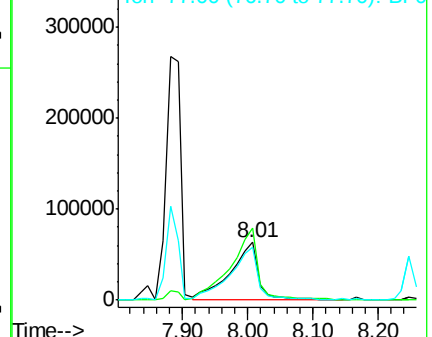
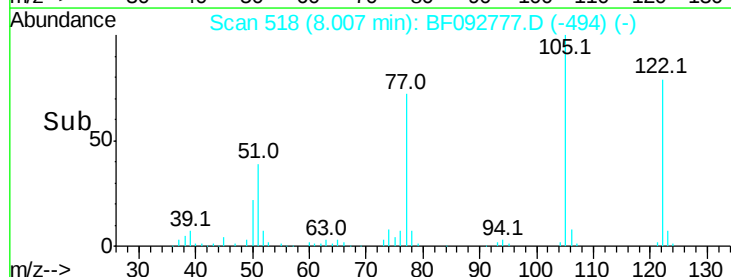
77 91.1 74.5 114.5

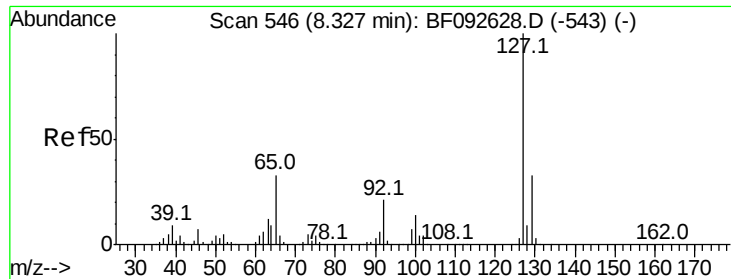


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

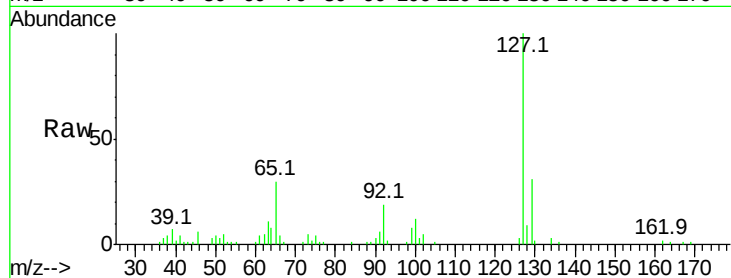




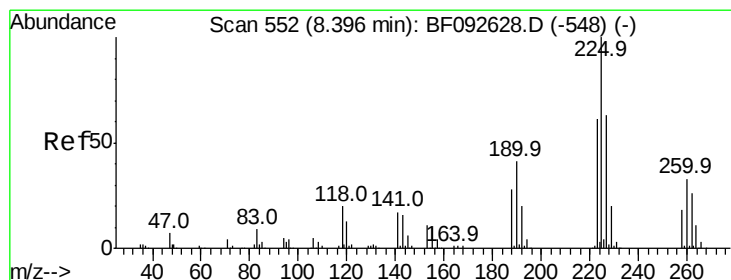
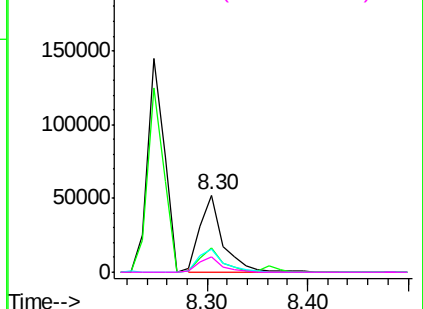
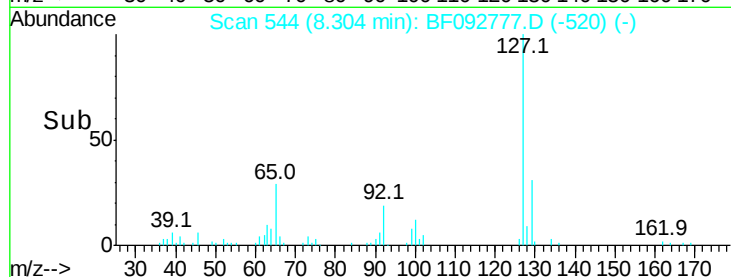
#33
4-Chloroaniline
Concen: 7.52 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

Instrument :
BNA_F
ClientSampleId :
RVE-7MSD

Tot Ion:	127	Resp:	83150
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.3	39.5
65	29.7	25.8	38.8
92	19.4	16.1	24.1

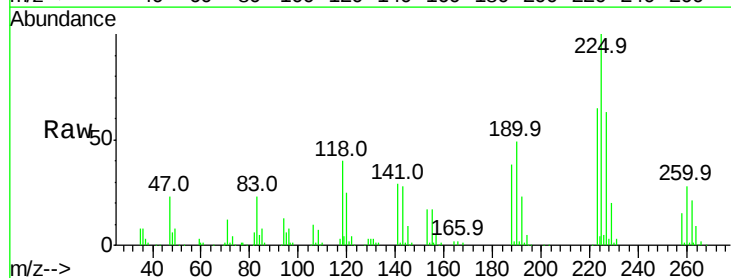


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

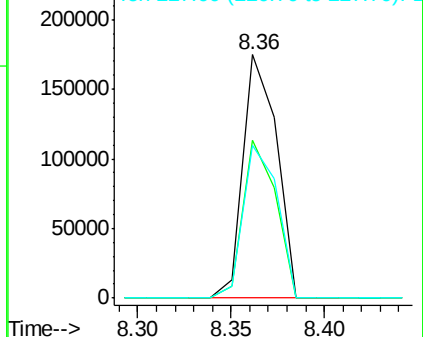
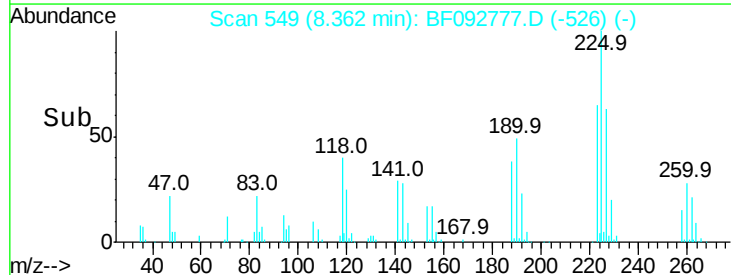


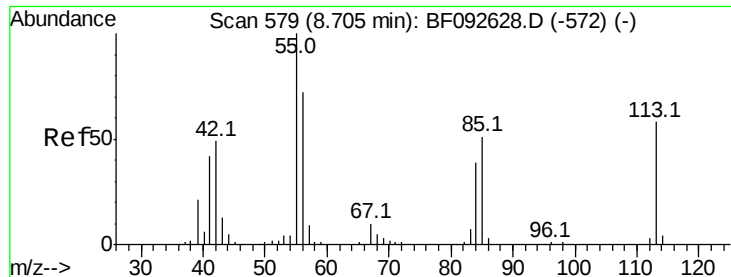
#34
Hexachlorobutadiene
Concen: 46.07 ng
RT: 8.36 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

Tgt Ion:	225	Resp:	218112
Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.0	76.6
227	63.0	50.6	76.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 51.60 ng/mL

RT: 8.68 min Scan# 577

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampleId :

RVE-7MSD

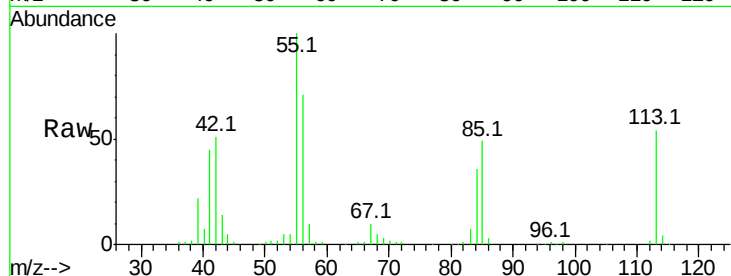
Tot Ion:113 Resp: 129616

Ion Ratio Lower Upper

113 100

55 184.4 119.2 159.2#

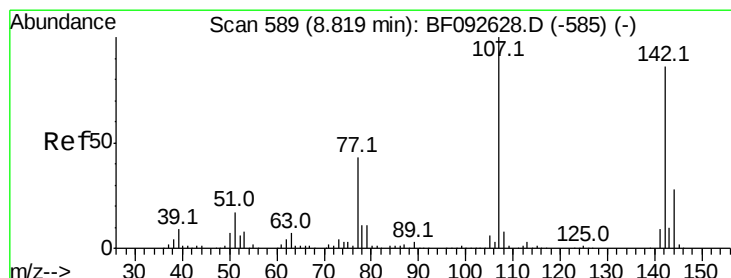
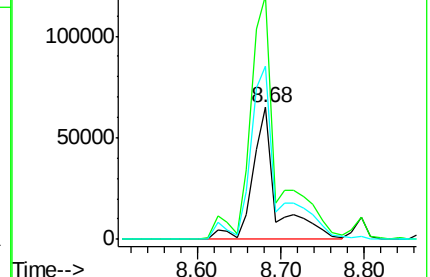
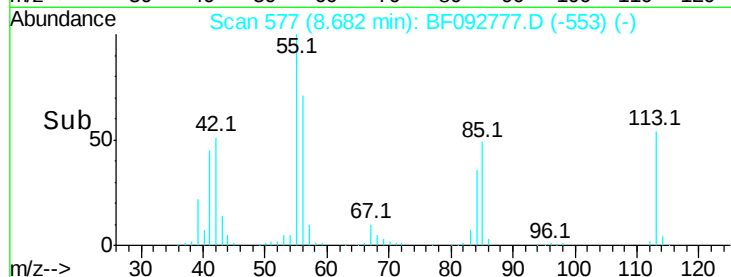
56 130.8 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.40 ng/mL

RT: 8.80 min Scan# 587

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

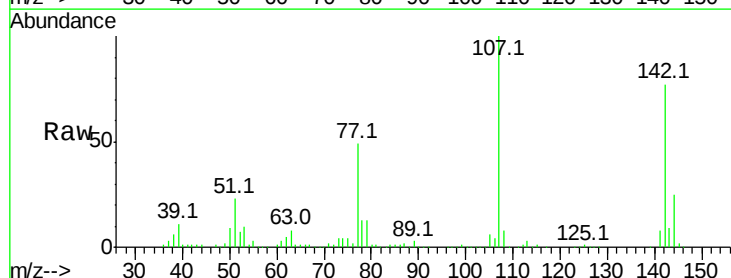
Tgt Ion:107 Resp: 411245

Ion Ratio Lower Upper

107 100

144 24.8 19.3 28.9

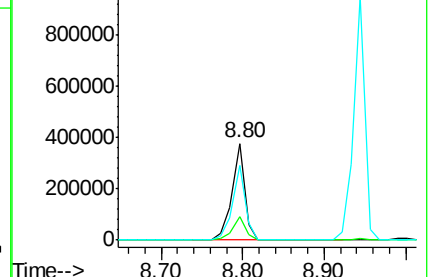
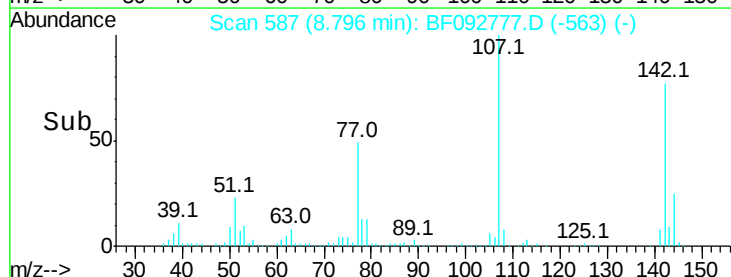
142 76.7 59.0 88.6

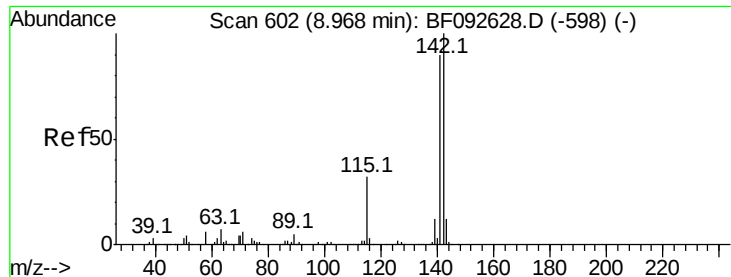


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

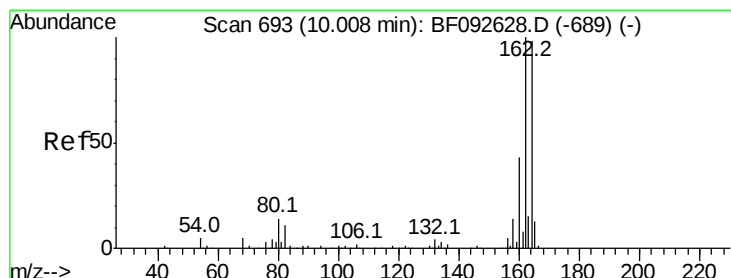
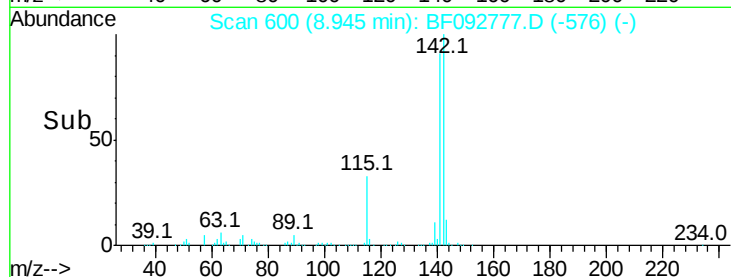
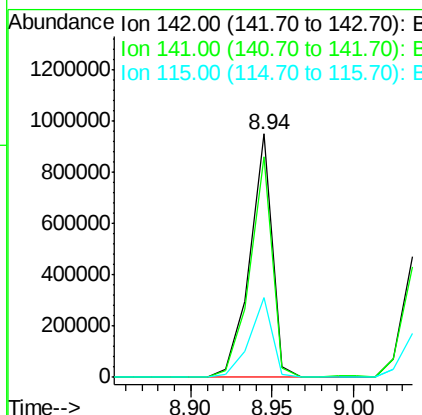
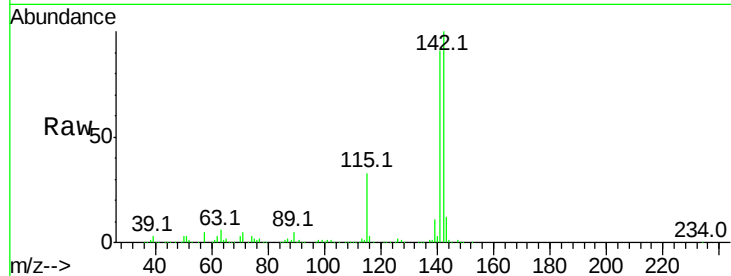




#37
 2-Methylnaphthalene
 Concen: 50.06 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.02 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

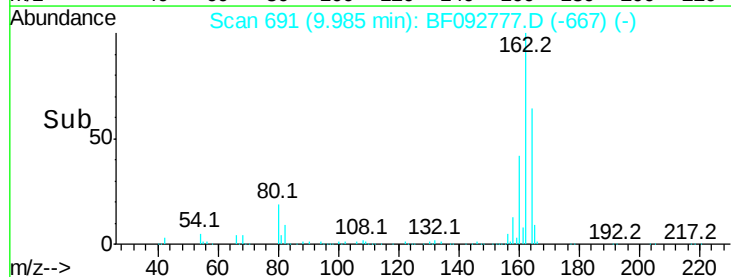
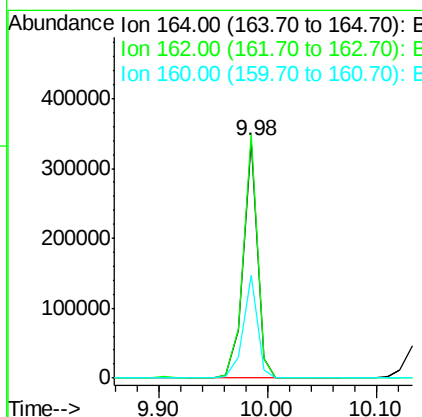
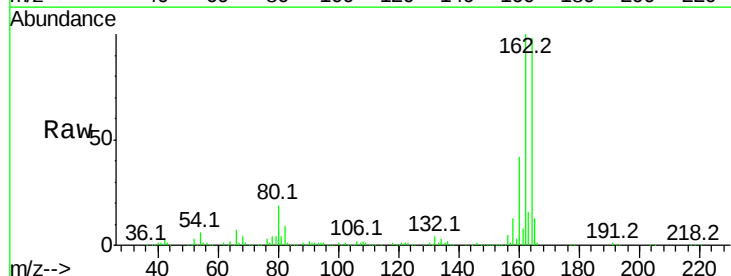
Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MSD

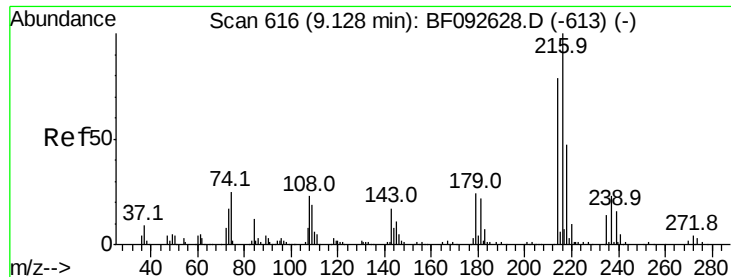
Tot Ion:142 Resp: 906296
 Ion Ratio Lower Upper
 142 100
 141 90.8 71.0 106.6
 115 33.0 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.02 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Tgt Ion:164 Resp: 303155
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.2 120.2
 160 43.2 36.9 55.3

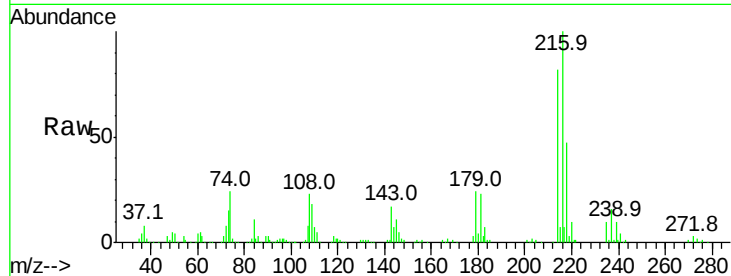




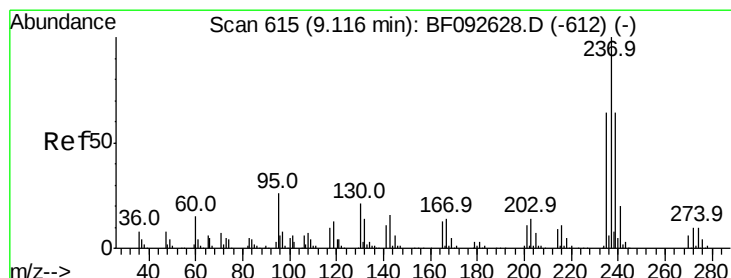
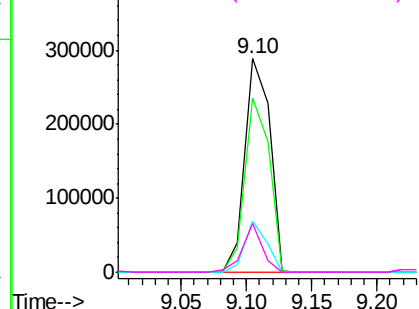
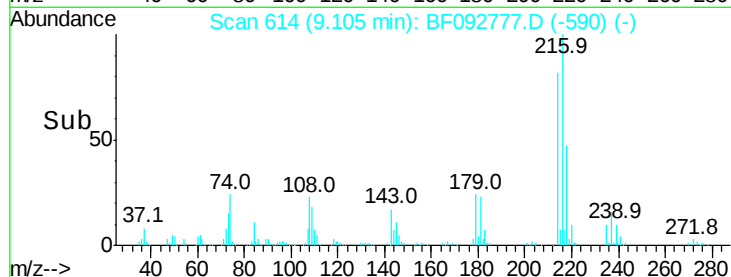
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.14 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MSD

Tot Ion:	216	Resp:	384166
Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.4	95.0
179	20.9	17.4	26.2
108	18.3	15.6	23.4

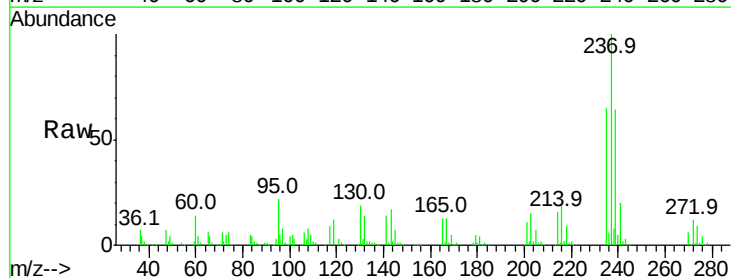


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

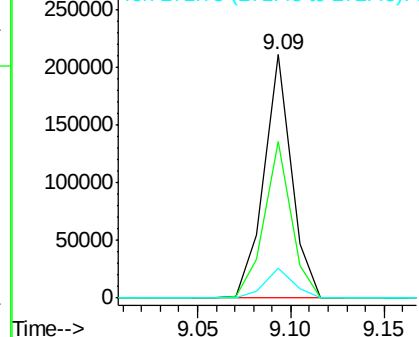
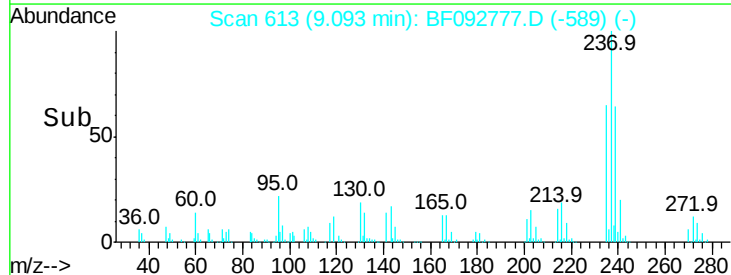


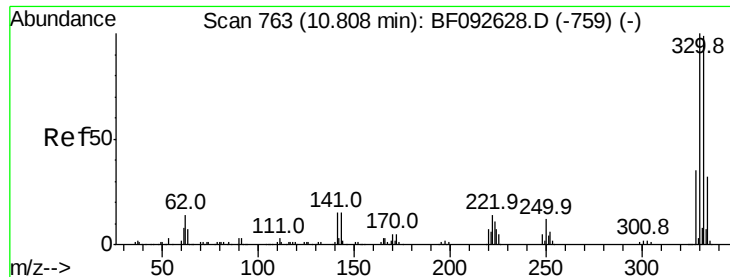
#40
 Hexachlorocyclopentadiene
 Concen: 56.12 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Tgt Ion:	237	Resp:	215468
Ion	Ratio	Lower	Upper
237	100		
235	64.6	41.2	81.2
272	12.2	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

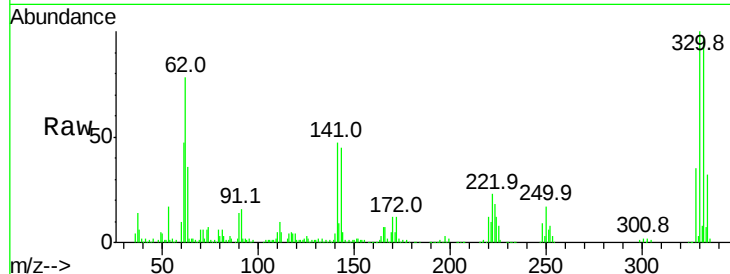




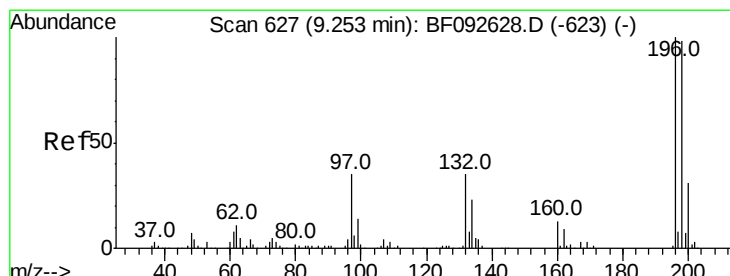
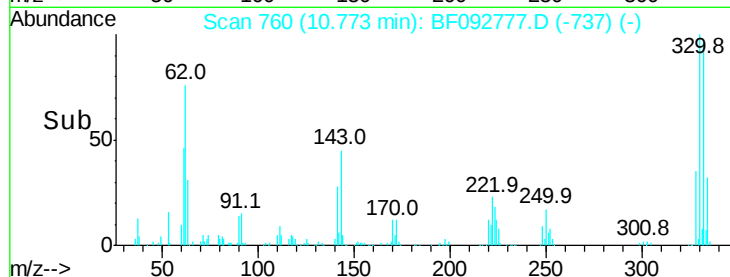
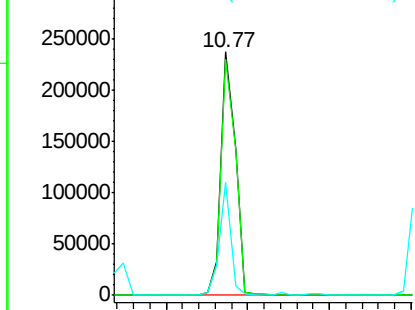
#41
 2,4,6-Tribromophenol
 Concen: 132.51 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	36.6	34.1	51.1

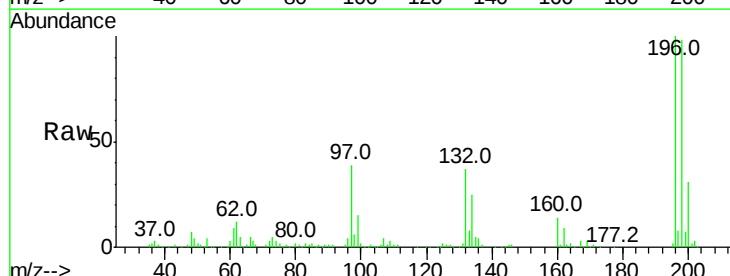


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

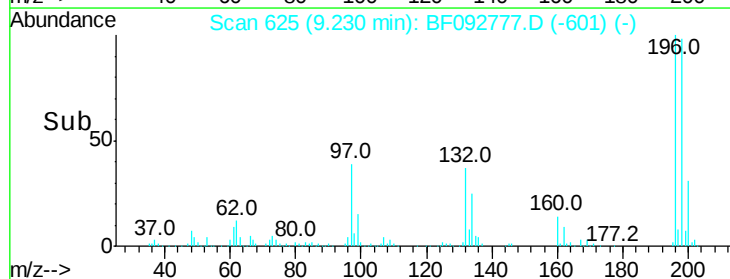
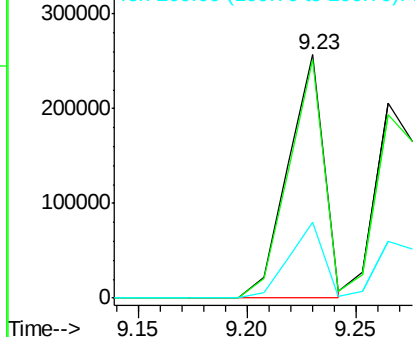


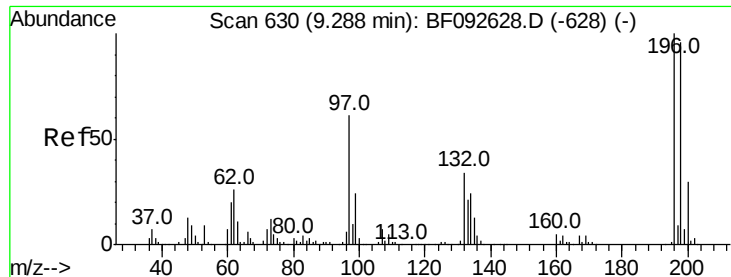
#42
 2,4,6-Trichlorophenol
 Concen: 52.72 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	82.1	123.1
200	31.4	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

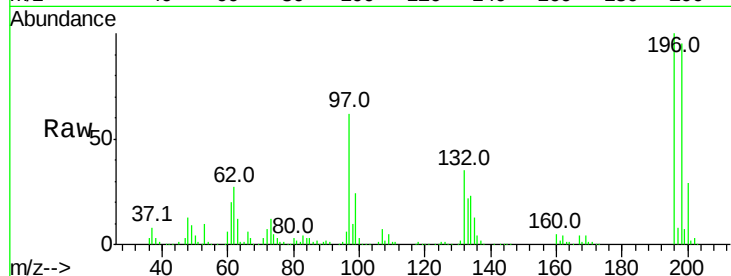




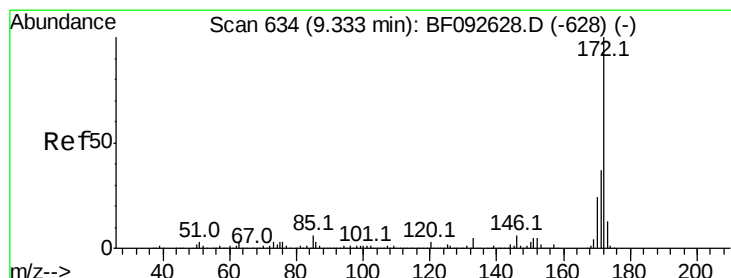
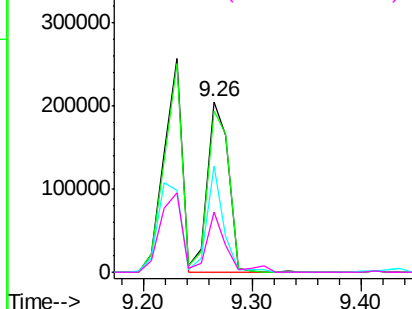
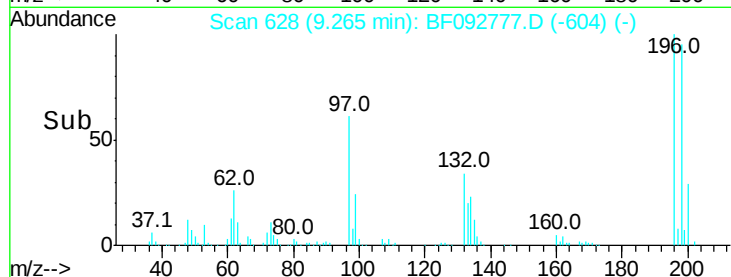
#43
 2,4,5-Trichlorophenol
 Concen: 45.53 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	79.4	119.2
97	62.0	51.5	77.3
132	35.4	27.4	41.2

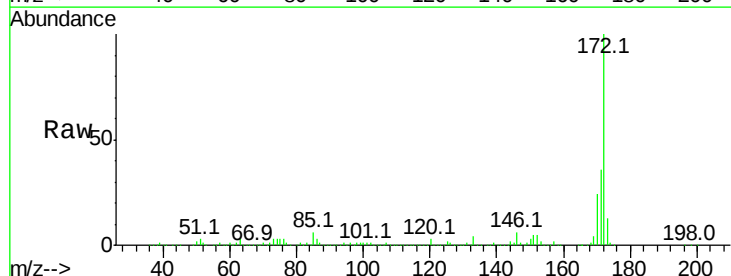


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

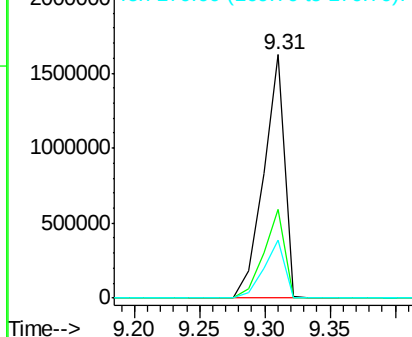
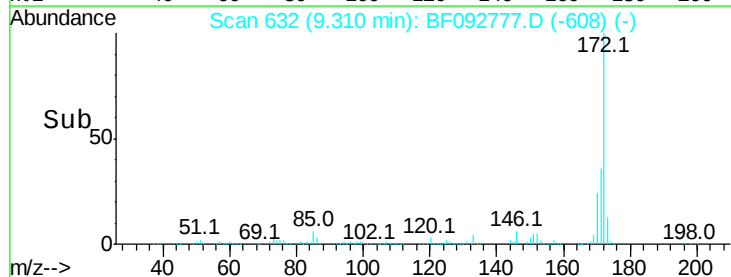


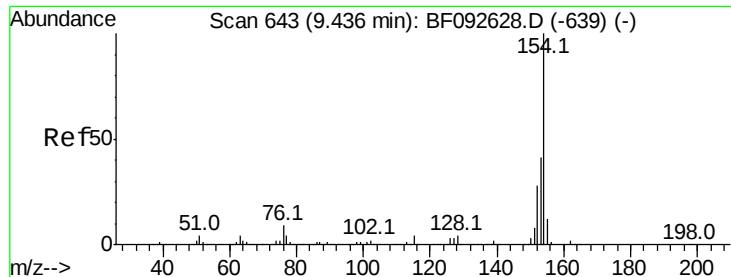
#44
 2-Fluorobiphenyl
 Concen: 109.06 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.0	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



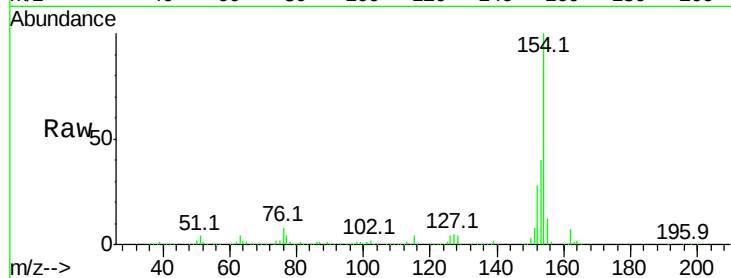


#45
 1,1'-Biphenyl
 Concen: 47.77 ng
 RT: 9.41 min Scan# 641
 Delta R.T. -0.02 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

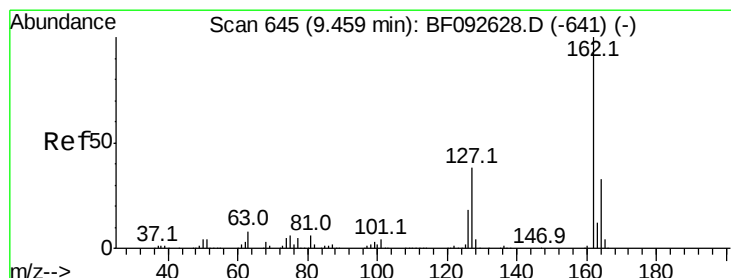
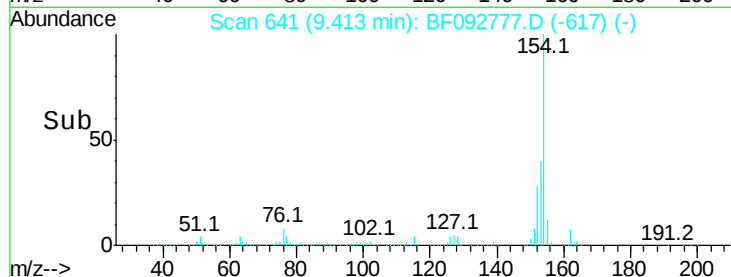
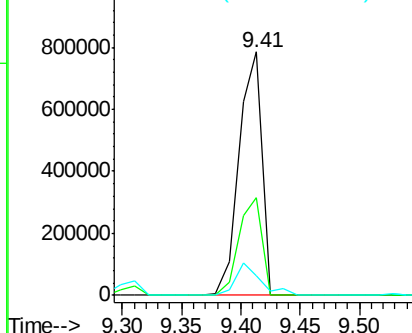
Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MSD

Tot Ion:154 Resp: 1048554

Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.9	60.9
76	8.1	0.0	30.5



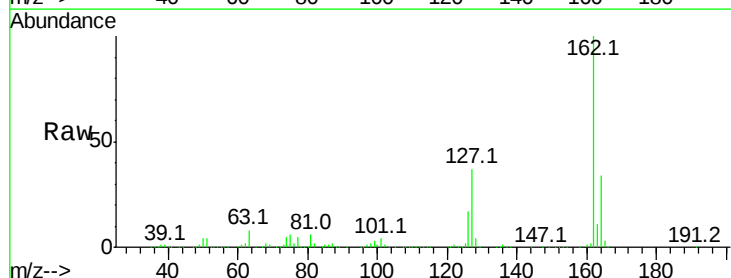
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



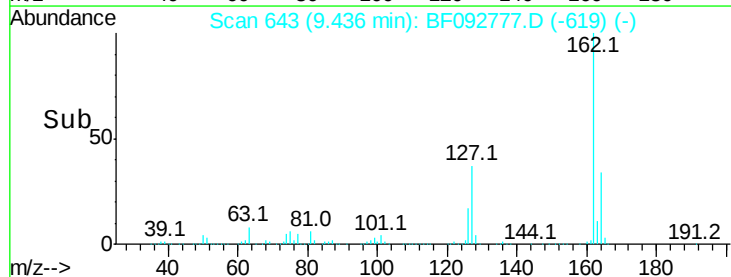
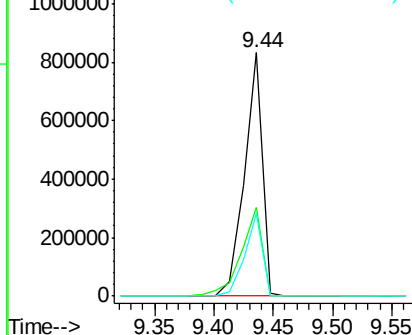
#46
 2-Chloronaphthalene
 Concen: 50.94 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.02 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

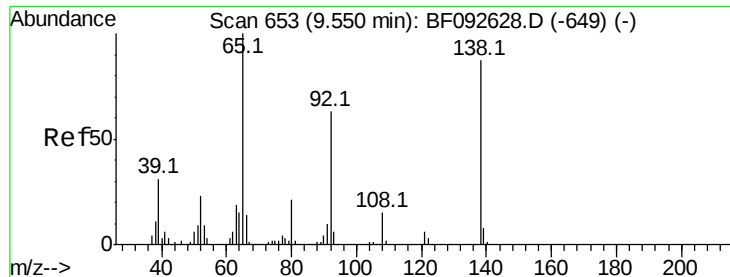
Tgt Ion:162 Resp: 874780

Ion	Ratio	Lower	Upper
162	100		
127	36.5	30.7	46.1
164	33.6	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: 41.61 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampleId :

RVE-7MSD

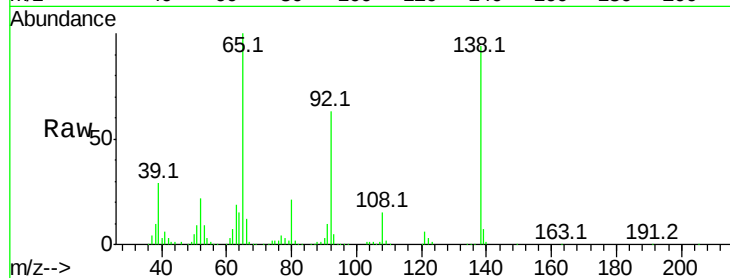
Tot Ion: 65 Resp: 240257

Ion Ratio Lower Upper

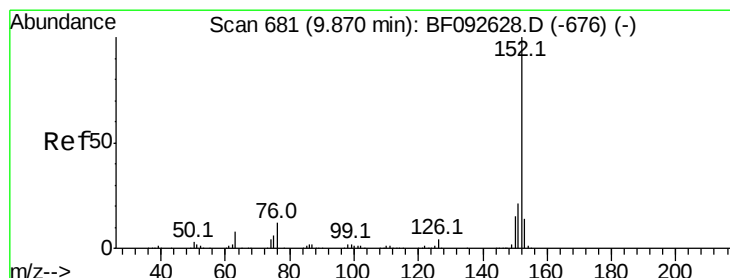
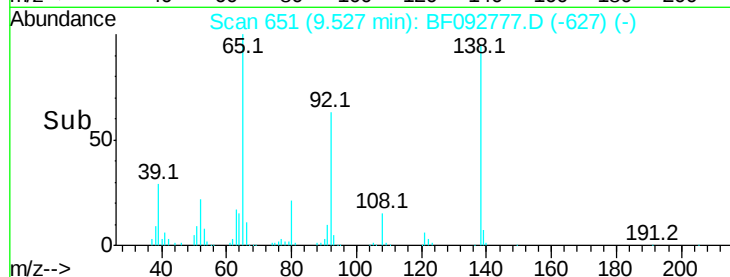
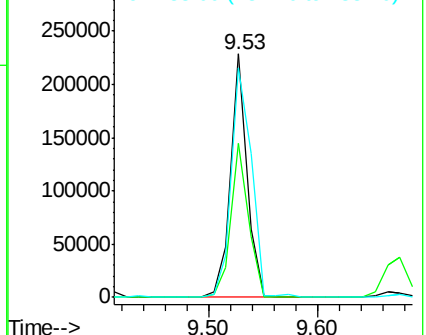
65 100

92 63.1 53.9 80.9

138 94.4 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: 41.73 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

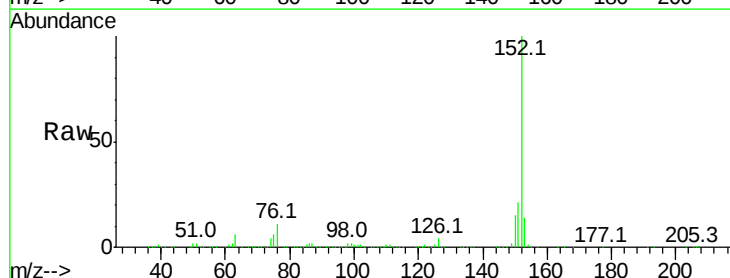
Tgt Ion: 152 Resp: 1237892

Ion Ratio Lower Upper

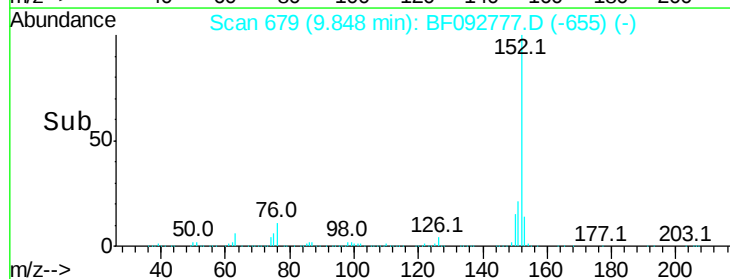
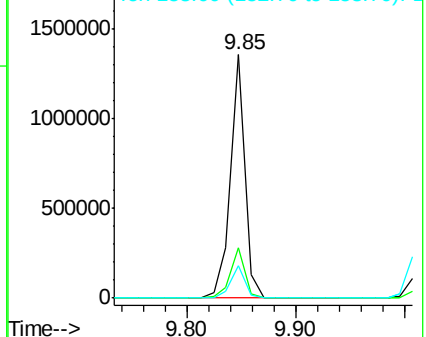
152 100

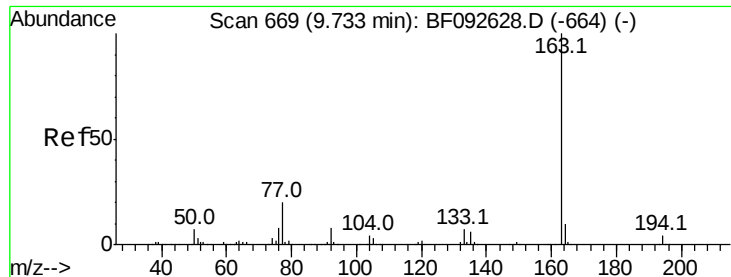
151 20.9 16.9 25.3

153 13.5 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

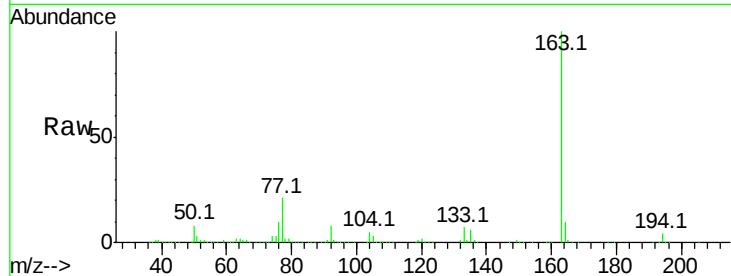




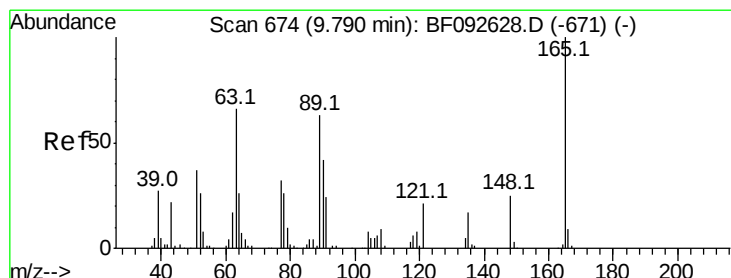
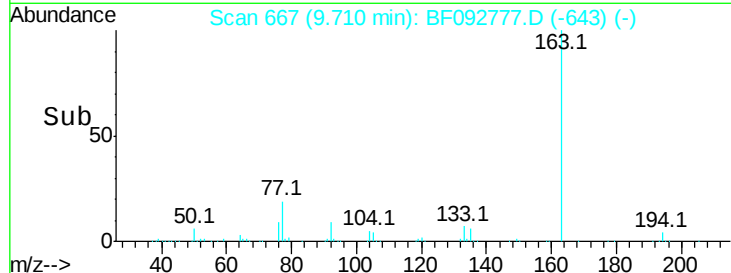
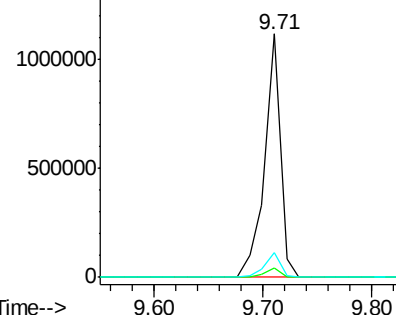
#49
Dimethylphthalate
Concen: 55.30 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

Instrument :
BNA_F
ClientSampleId :
RVE-7MSD

Tot Ion:163 Resp: 1129284
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.4 8.0 12.0

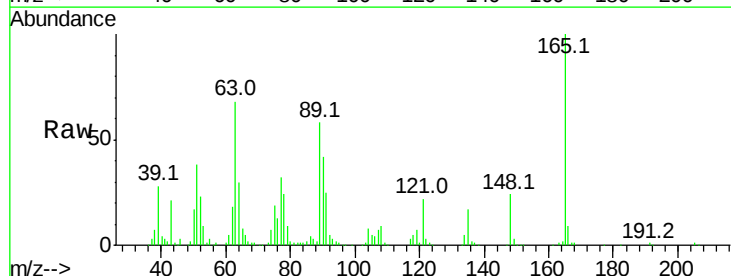


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

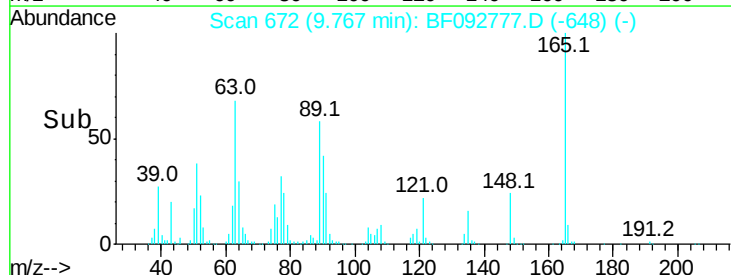
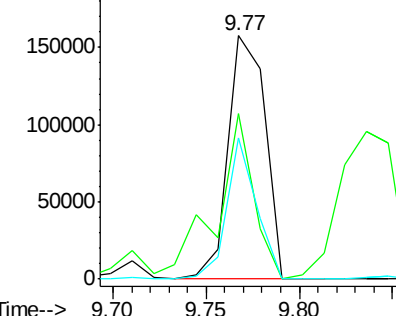


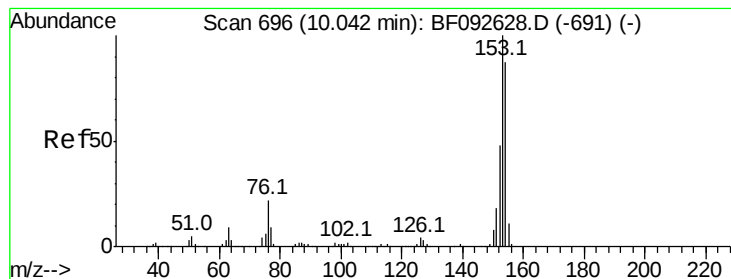
#50
2,6-Dinitrotoluene
Concen: 49.45 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

Tgt Ion:165 Resp: 218054
Ion Ratio Lower Upper
165 100
63 67.8 36.2 54.4#
89 58.2 40.2 60.4



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





#51

Acenaphthene

Concen: 45.58 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampleId :

RVE-7MSD

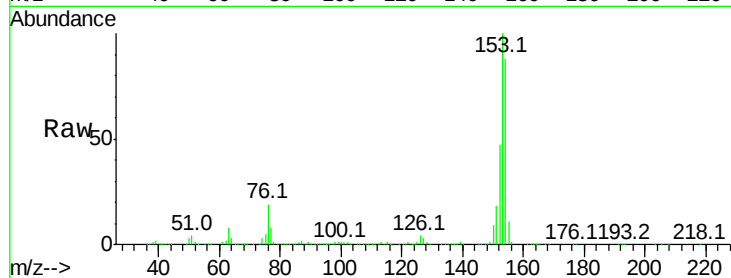
Tot Ion:154 Resp: 808450

Ion Ratio Lower Upper

154 100

153 113.2 88.6 133.0

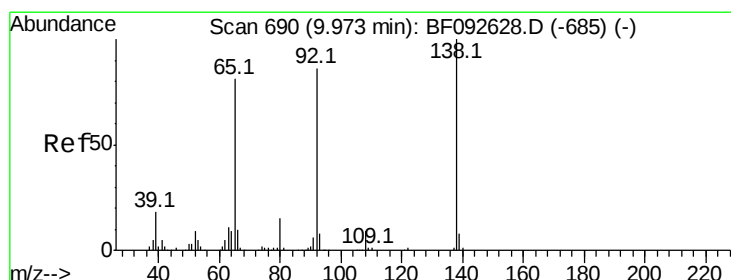
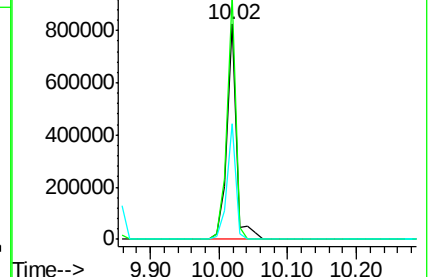
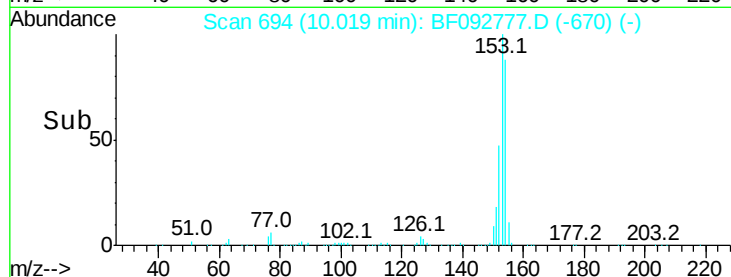
152 53.7 41.6 62.4



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: 15.37 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

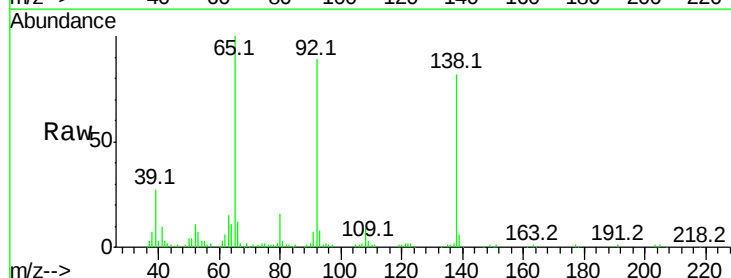
Tgt Ion:138 Resp: 77567

Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

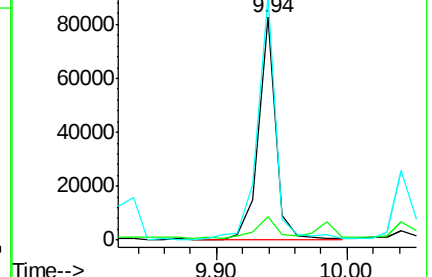
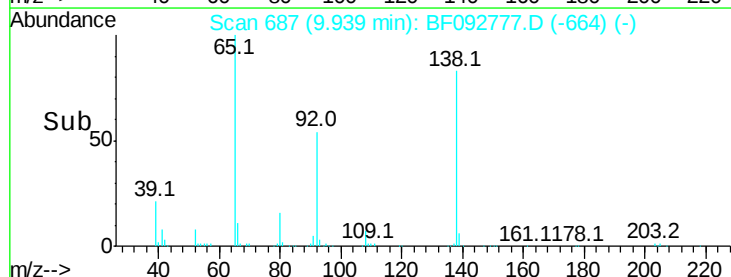
92 109.3 97.8 146.8

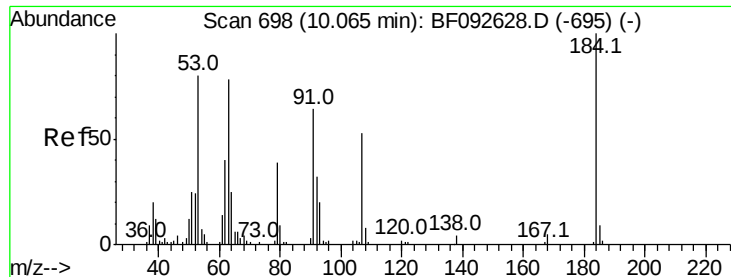


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

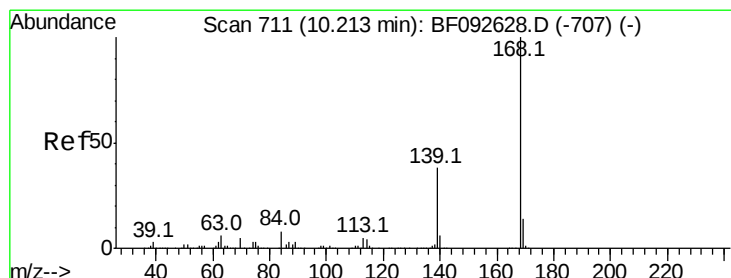
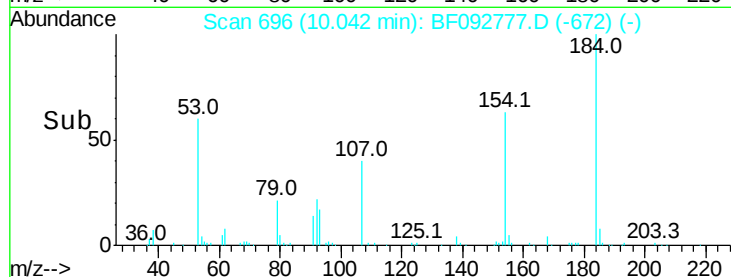
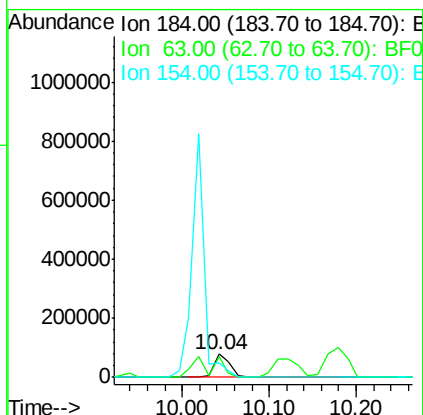
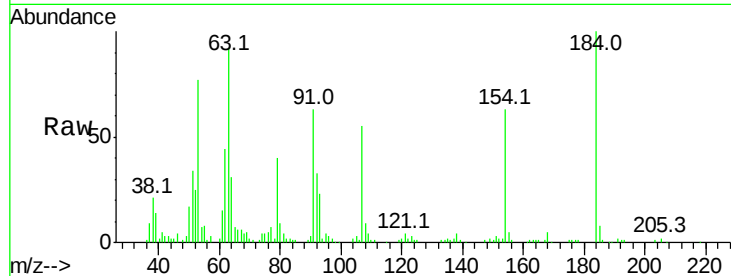




#53
2,4-Dinitrophenol
Concen: 48.13 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

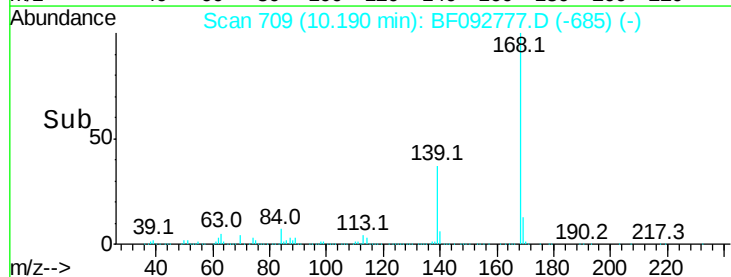
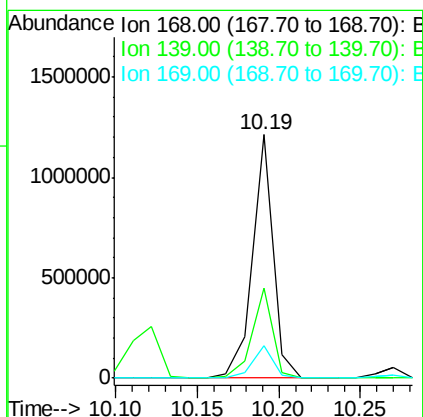
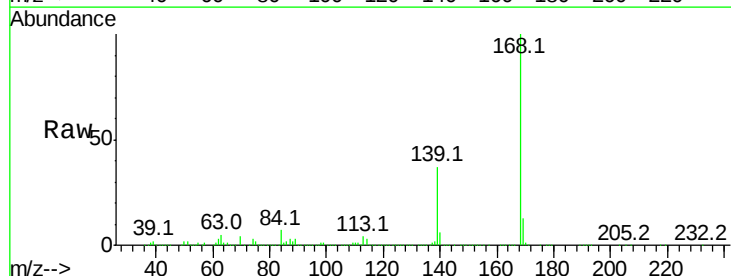
Instrument :
BNA_F
ClientSampleId :
RVE-7MSD

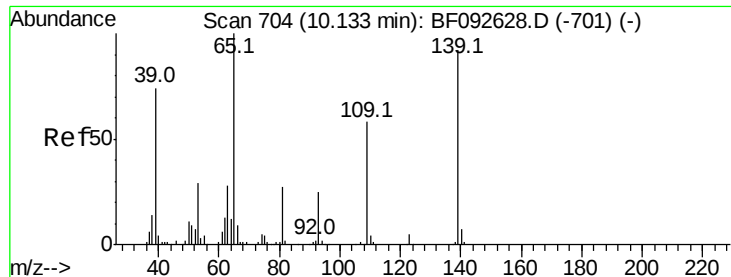
Tot Ion:184 Resp: 103471
Ion Ratio Lower Upper
184 100
63 91.9 28.4 42.6#
154 63.2 44.3 66.5



#54
Dibenzofuran
Concen: 45.08 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

Tgt Ion:168 Resp: 1069468
Ion Ratio Lower Upper
168 100
139 36.8 32.6 49.0
169 13.5 11.3 16.9

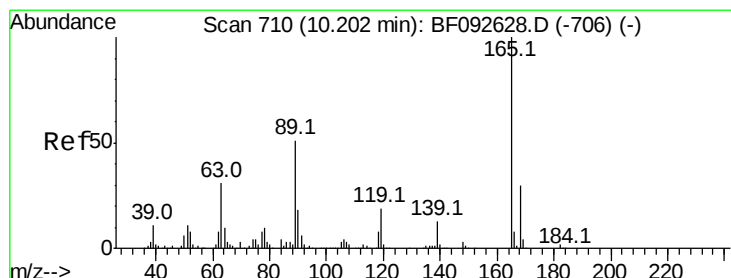
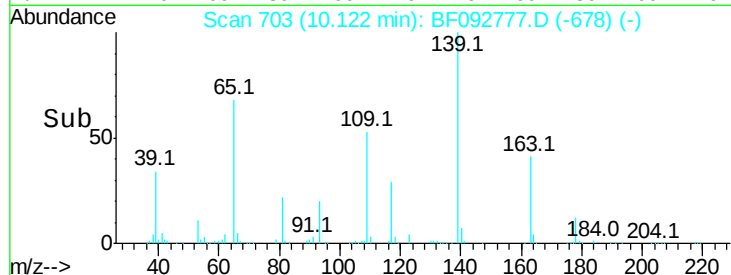
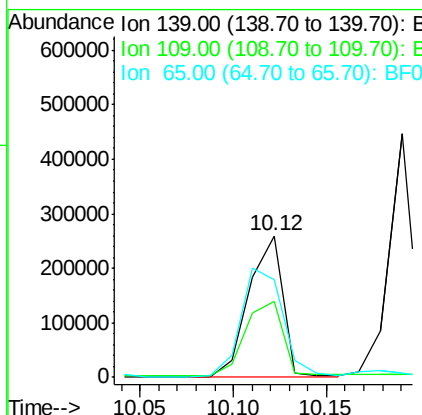
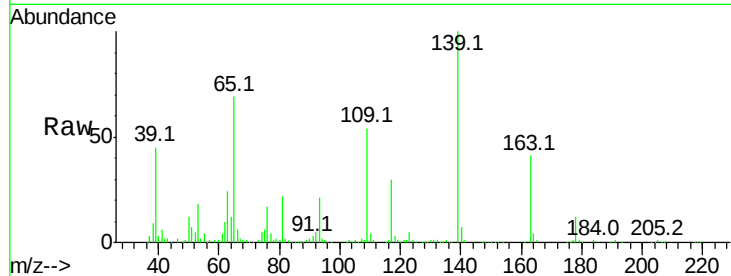




#55
4-Nitrophenol
Concen: 92.71 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

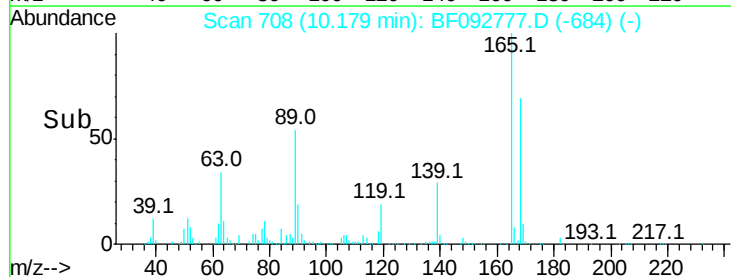
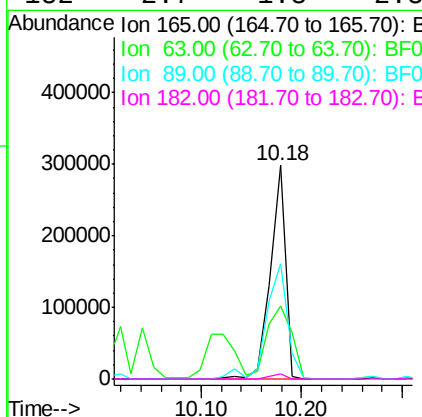
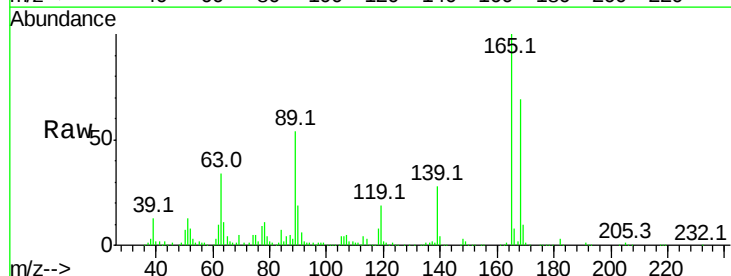
Instrument :
BNA_F
ClientSampleId :
RVE-7MSD

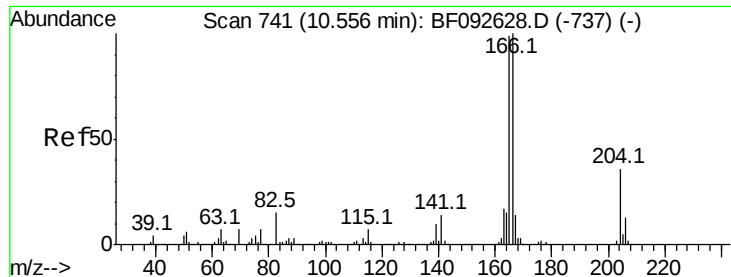
Tot Ion:139 Resp: 336972
Ion Ratio Lower Upper
139 100
109 53.7 52.2 92.2
65 69.4 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 52.89 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

Tgt Ion:165 Resp: 310512
Ion Ratio Lower Upper
165 100
63 34.2 40.2 60.4#
89 54.1 62.5 93.7#
182 2.7 1.8 2.8

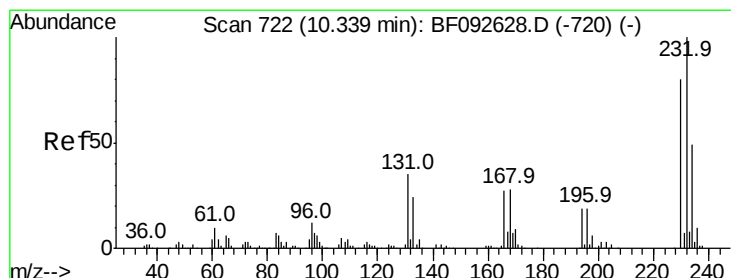
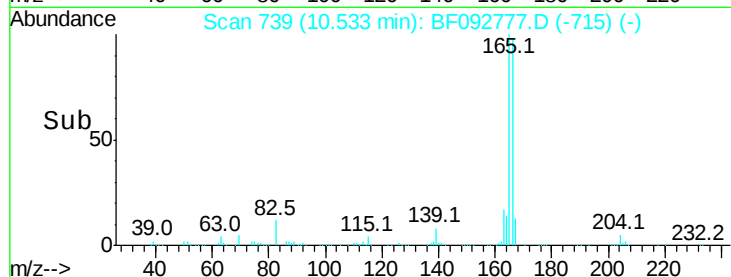
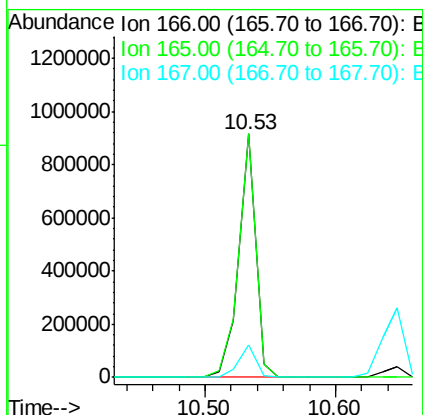
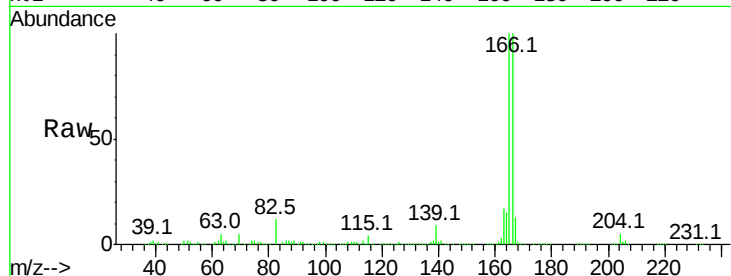




#57
 Fluorene
 Concen: 45.35 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.02 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

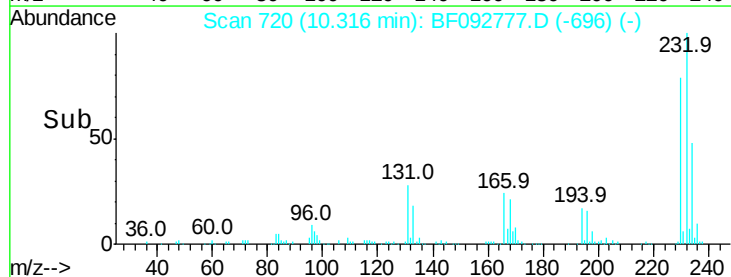
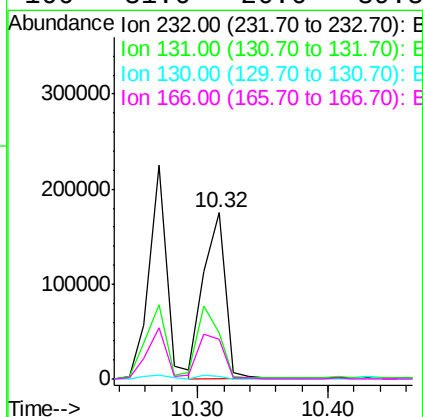
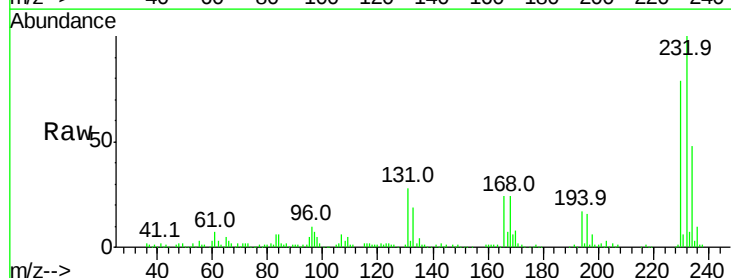
Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MSD

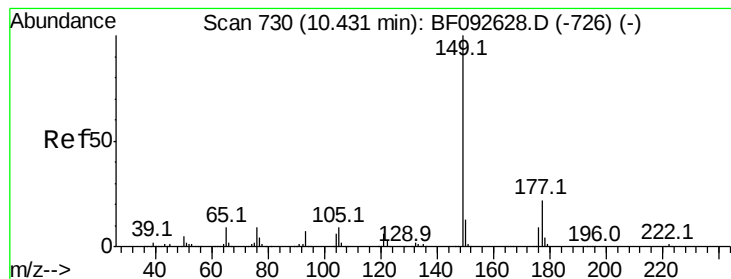
Tot Ion:166 Resp: 827646
 Ion Ratio Lower Upper
 166 100
 165 100.1 77.8 116.8
 167 13.4 10.8 16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.10 ng
 RT: 10.32 min Scan# 720
 Delta R.T. -0.02 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Tgt Ion:232 Resp: 204768
 Ion Ratio Lower Upper
 232 100
 131 45.7 40.1 60.1
 130 2.1 1.8 2.8
 166 31.6 26.6 39.8





#59

Diethylphthalate

Concen: 48.49 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampleId :

RVE-7MSD

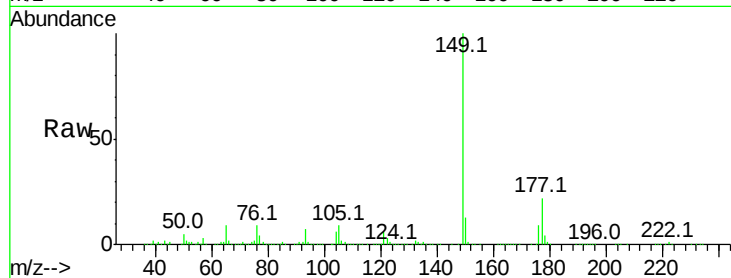
Tot Ion:149 Resp: 933126

Ion Ratio Lower Upper

149 100

177 22.2 16.6 25.0

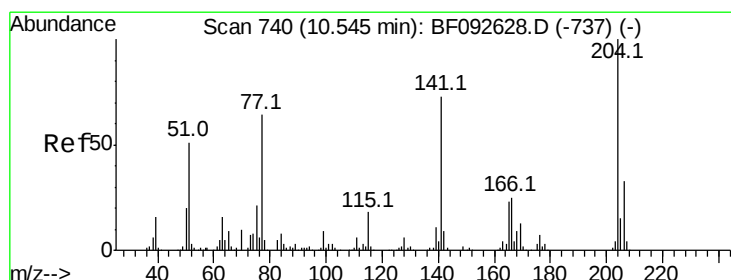
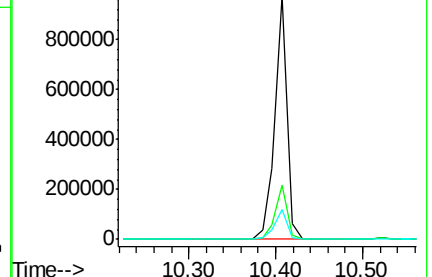
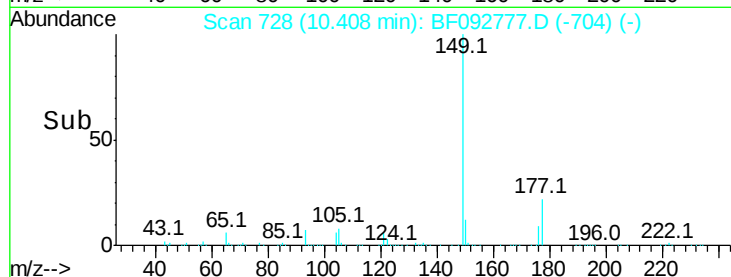
150 12.5 10.4 15.6



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: 42.30 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

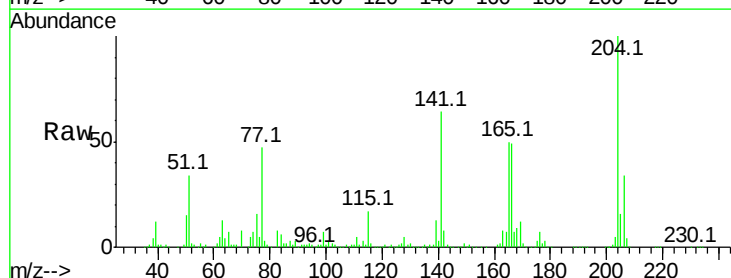
Tgt Ion:204 Resp: 370848

Ion Ratio Lower Upper

204 100

206 34.5 25.8 38.6

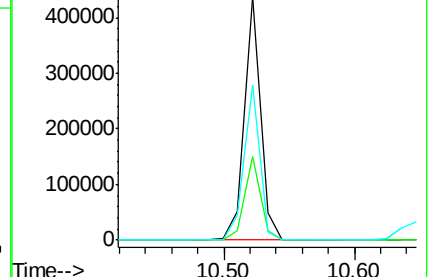
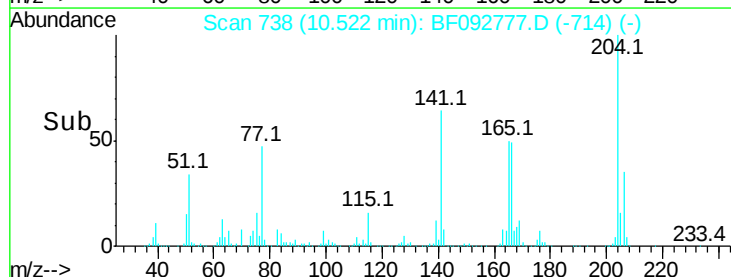
141 63.7 59.4 89.0

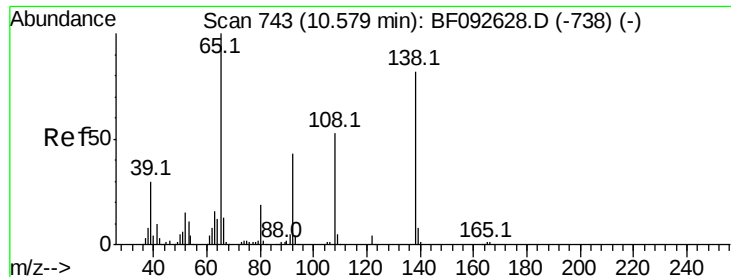


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.90 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampleId :

RVE-7MSD

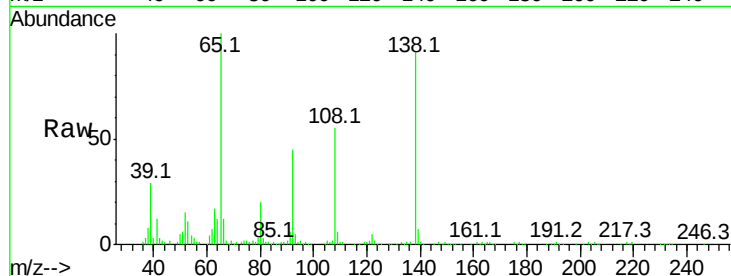
Tot Ion:138 Resp: 190708

Ion Ratio Lower Upper

138 100

92 49.1 31.7 71.7

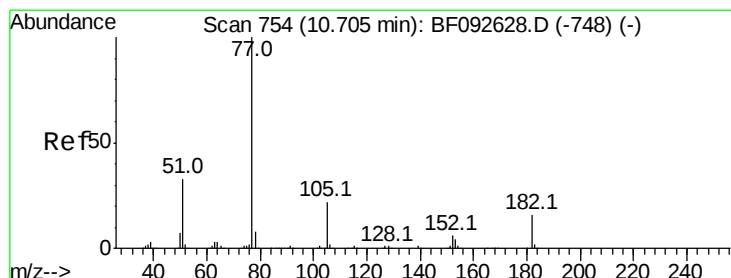
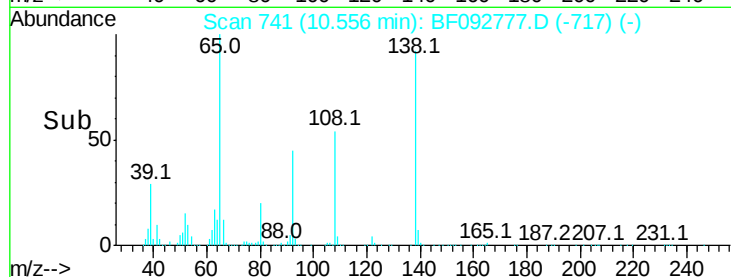
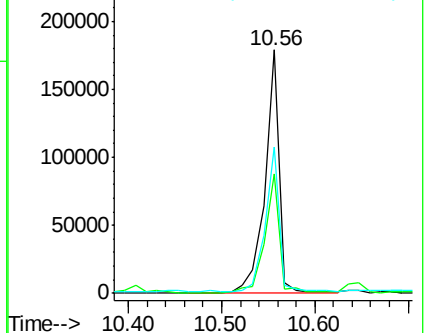
108 60.1 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.47 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Tgt Ion: 77 Resp: 963705

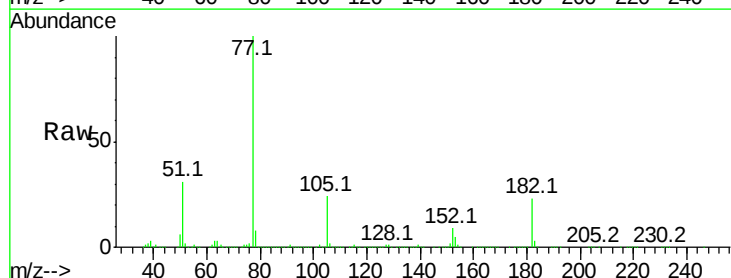
Ion Ratio Lower Upper

77 100

182 22.6 0.0 39.3

105 23.8 2.3 42.3

51 31.1 8.9 48.9

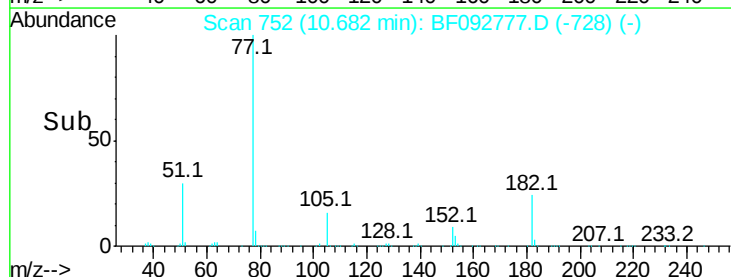
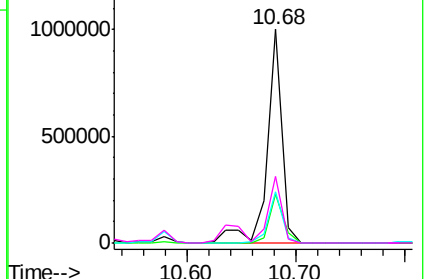


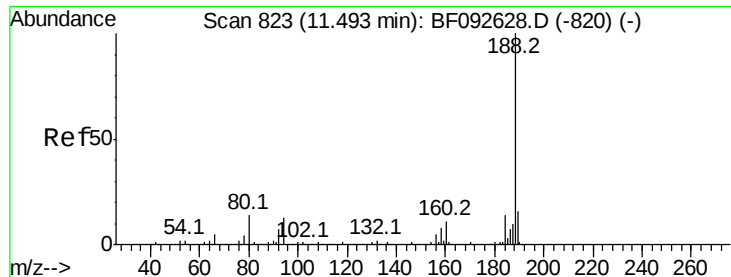
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampleId :

RVE-7MSD

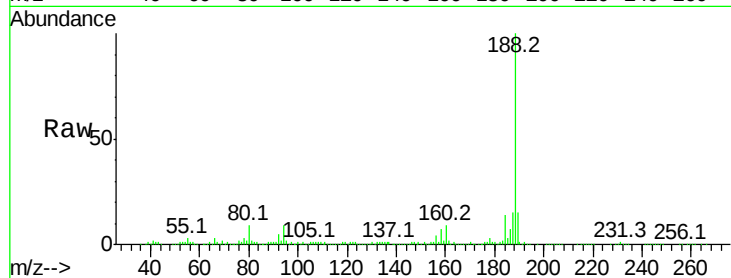
Tot Ion:188 Resp: 491176

Ion Ratio Lower Upper

188 100

94 9.3 10.0 15.0#

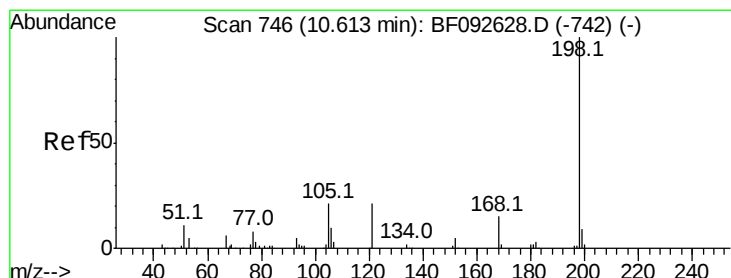
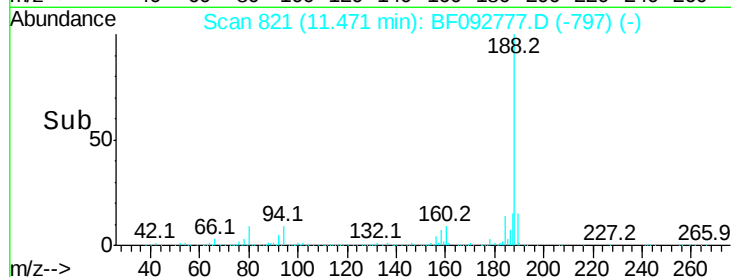
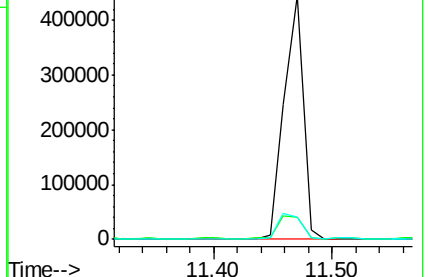
80 9.1 11.2 16.8#



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: 30.52 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

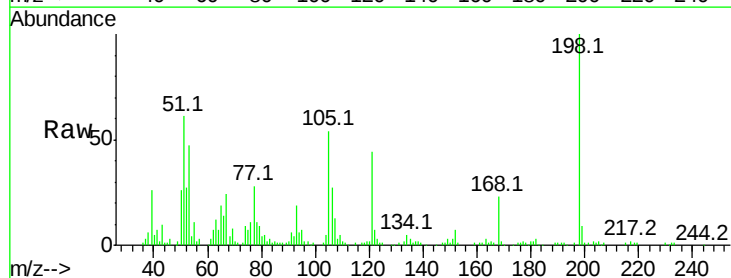
Tgt Ion:198 Resp: 88177

Ion Ratio Lower Upper

198 100

51 61.0 6.7 46.7#

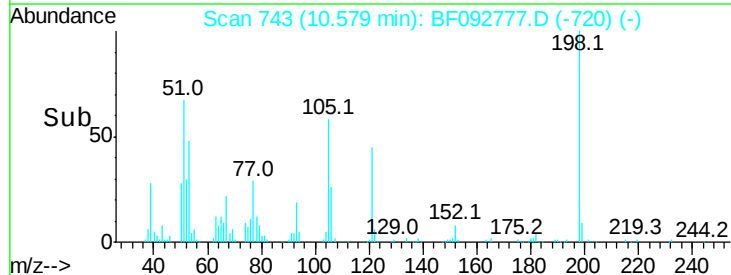
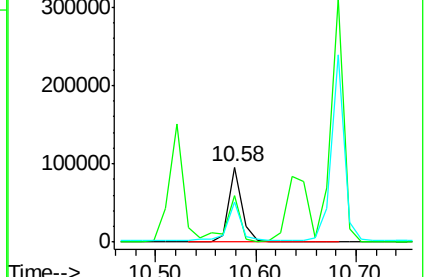
105 53.7 16.6 56.6

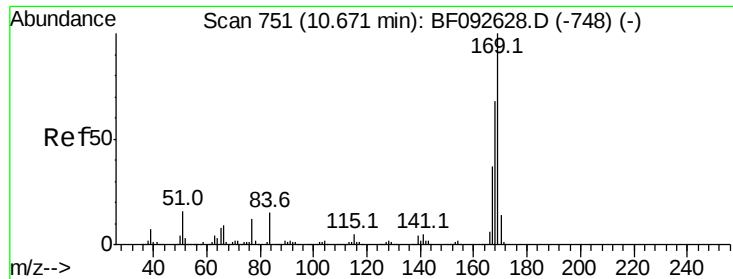


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.77 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampleId :

RVE-7MSD

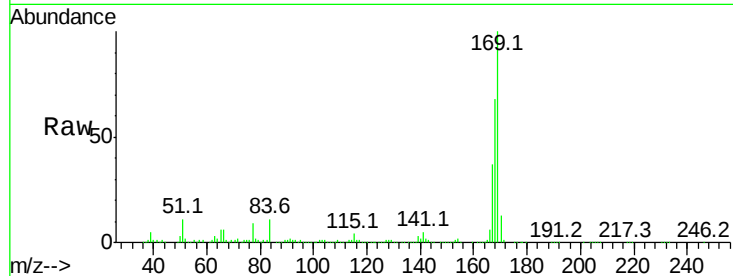
Tot Ion:169 Resp: 796667

Ion Ratio Lower Upper

169 100

168 67.6 54.2 81.2

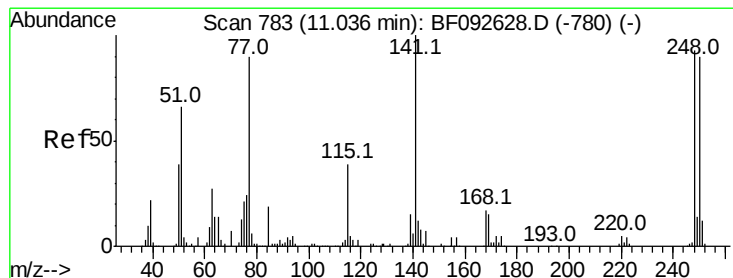
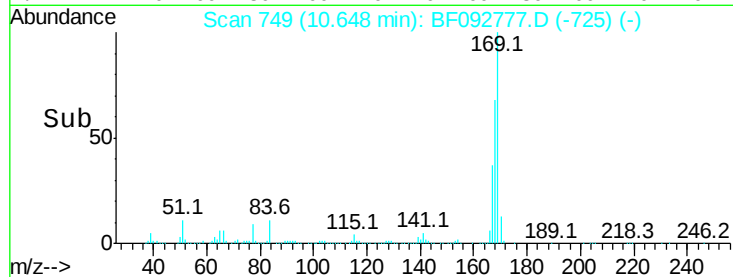
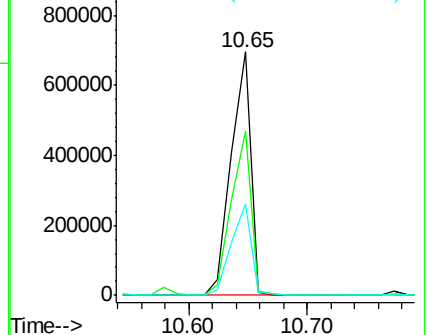
167 37.3 30.2 45.4



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: 52.74 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

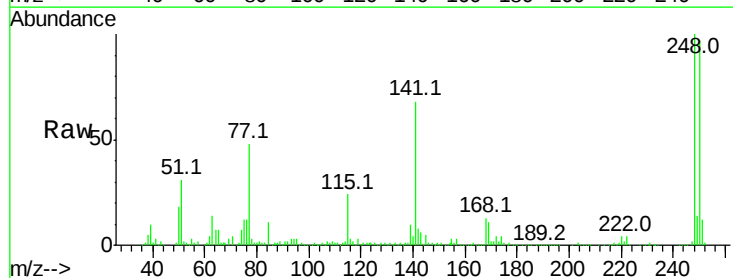
Tgt Ion:248 Resp: 270649

Ion Ratio Lower Upper

248 100

250 96.8 76.9 115.3

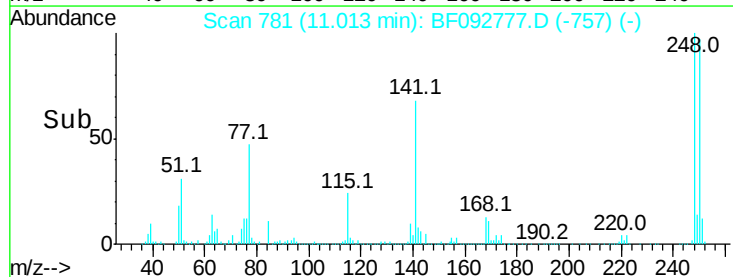
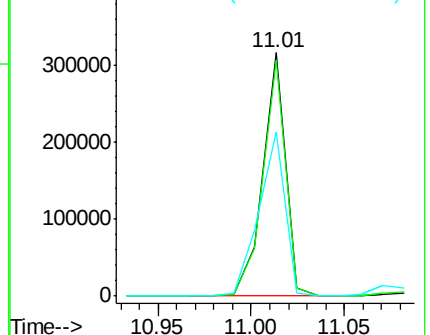
141 67.7 68.2 102.4#

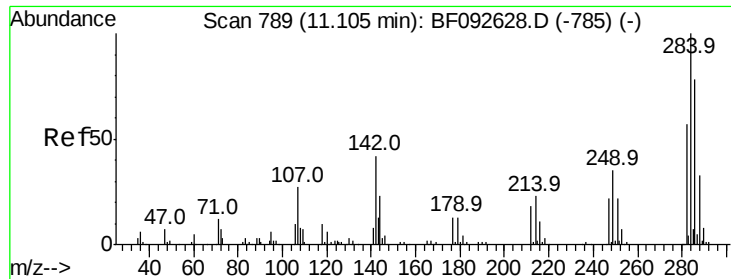


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

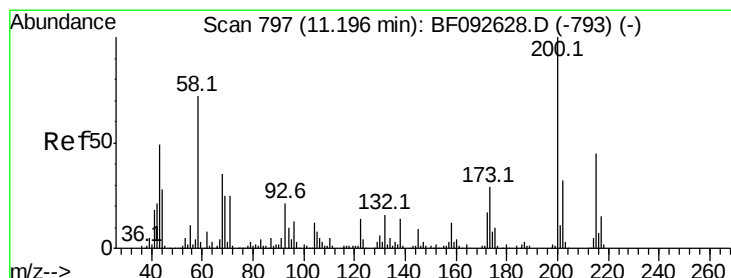
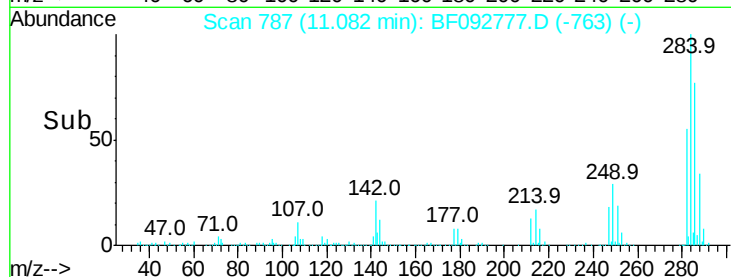
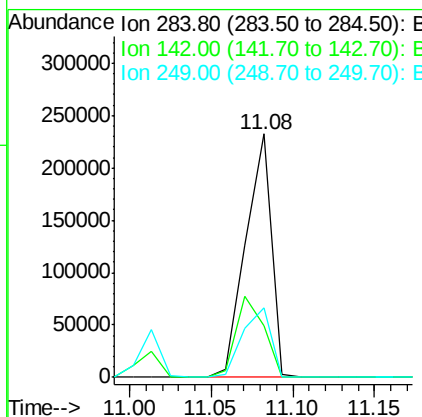
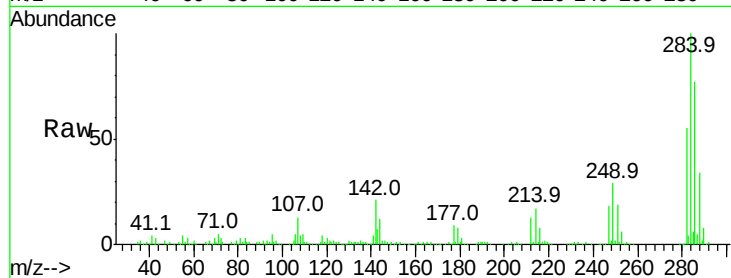




#67
Hexachlorobenzene
Concen: 49.94 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

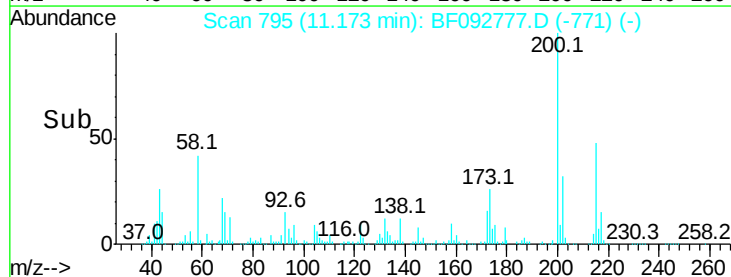
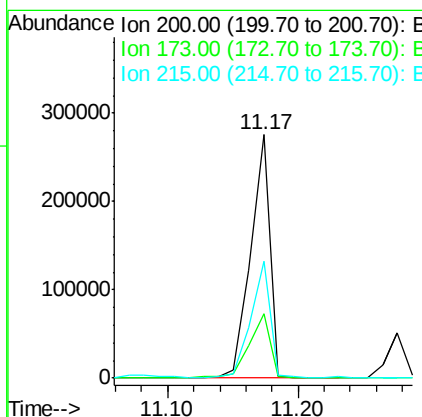
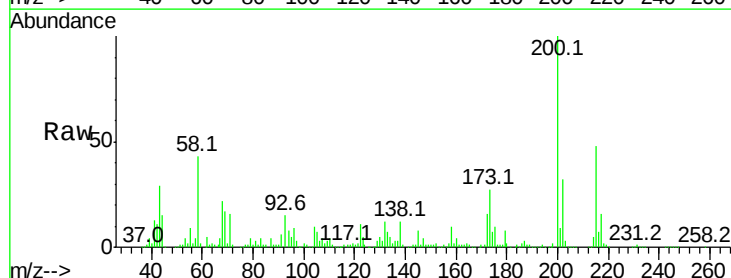
Instrument :
BNA_F
ClientSampleId :
RVE-7MSD

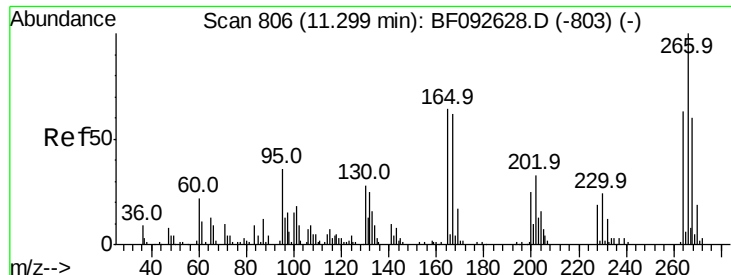
Tot Ion	Ratio	Lower	Upper
284	100		
142	21.2	22.6	33.8#
249	28.6	25.4	38.0



#68
Atrazine
Concen: 56.04 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.6	9.6	49.6
215	48.0	25.7	65.7

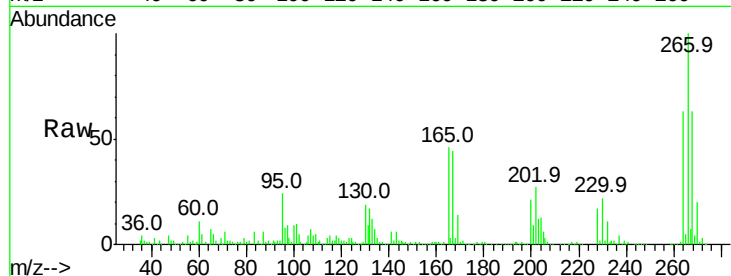




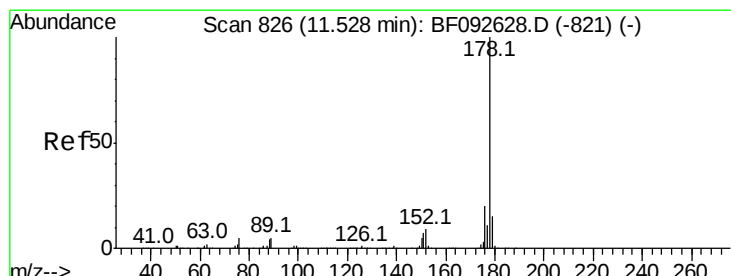
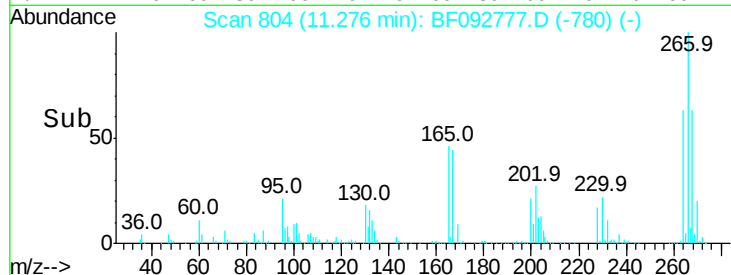
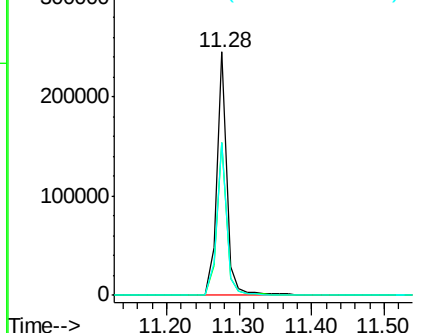
#69
 Pentachlorophenol
 Concen: 89.53 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MSD

Tot Ion:266 Resp: 236829
 Ion Ratio Lower Upper
 266 100
 268 62.9 53.3 79.9
 264 62.9 50.3 75.5

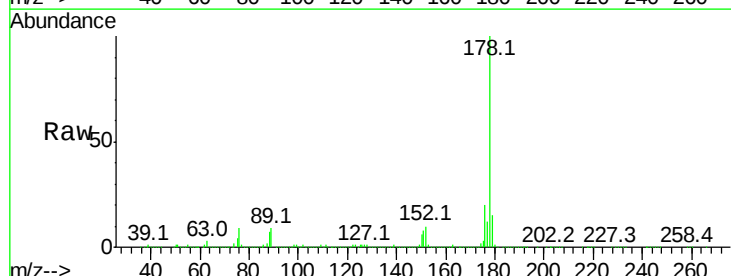


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

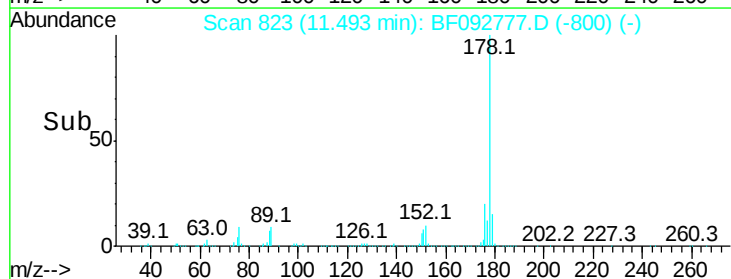
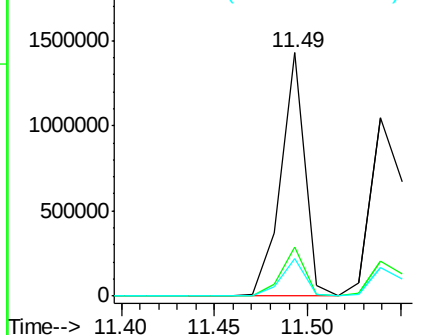


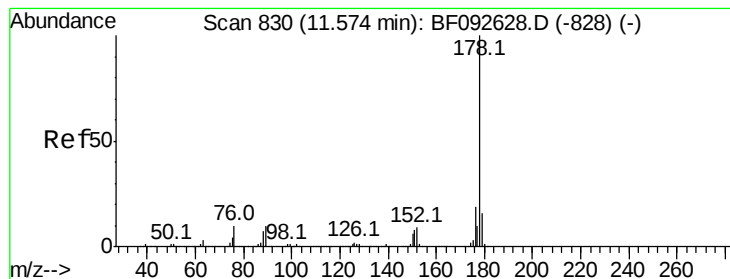
#70
 Phenanthrene
 Concen: 45.76 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Tgt Ion:178 Resp: 1287705
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.4 12.8 19.2



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





#71

Anthracene

Concen: 44.03 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.03 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampleId :

RVE-7MSD

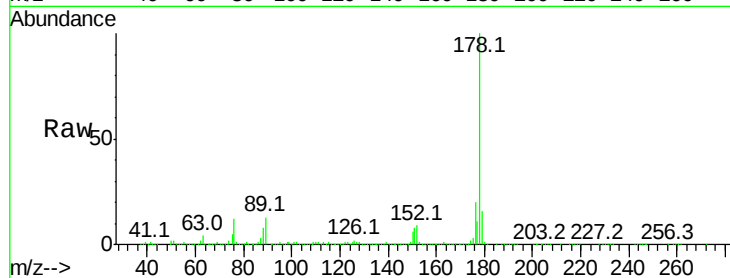
Tot Ion:178 Resp: 1244287

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

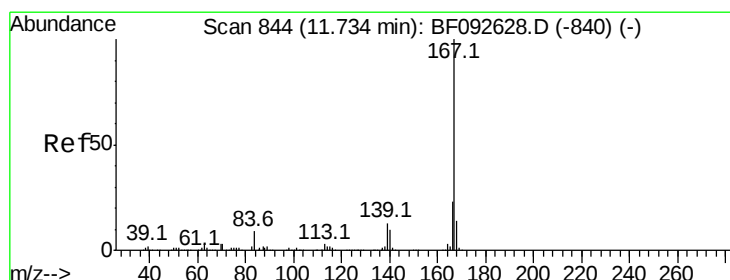
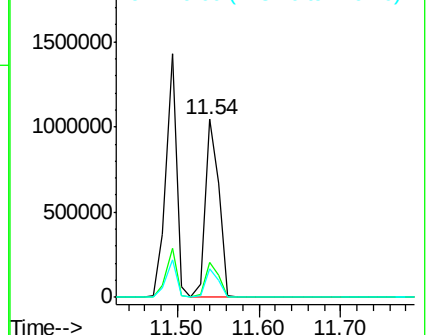
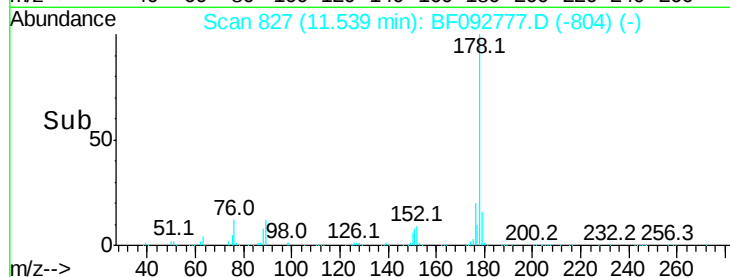
179 16.0 13.2 19.8



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: 40.65 ng

RT: 11.70 min Scan# 841

Delta R.T. -0.03 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

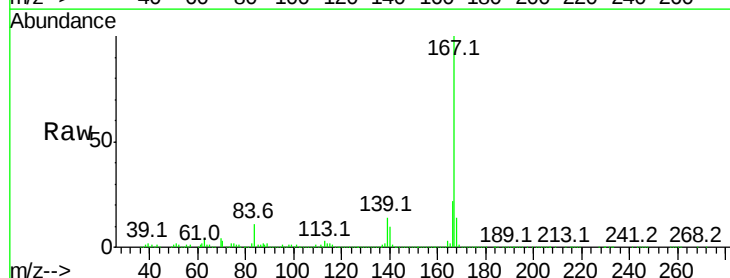
Tgt Ion:167 Resp: 1098018

Ion Ratio Lower Upper

167 100

166 22.3 18.2 27.2

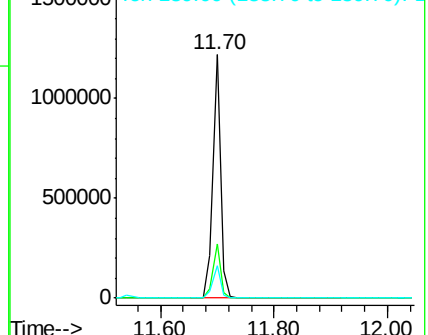
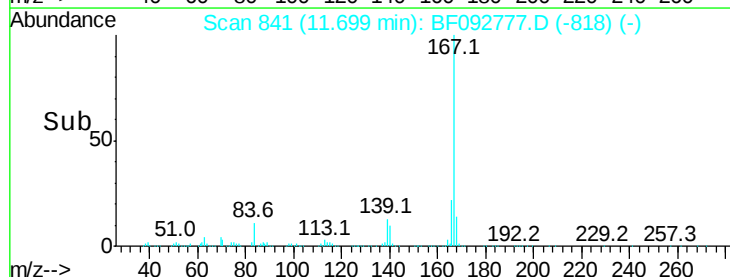
139 13.5 11.4 17.2

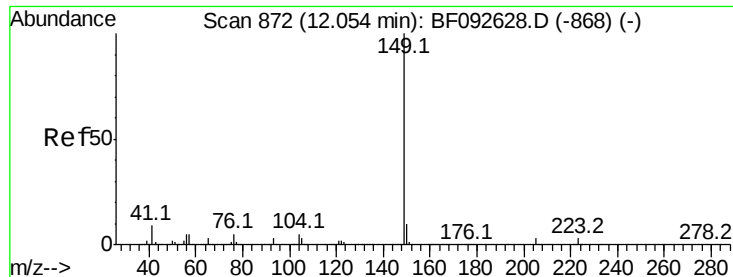


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 53.45 ng

RT: 12.03 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampleId :

RVE-7MSD

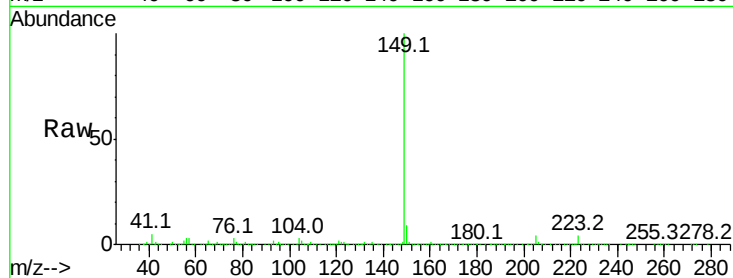
Tot Ion:149 Resp: 1561477

Ion Ratio Lower Upper

149 100

150 8.9 8.1 12.1

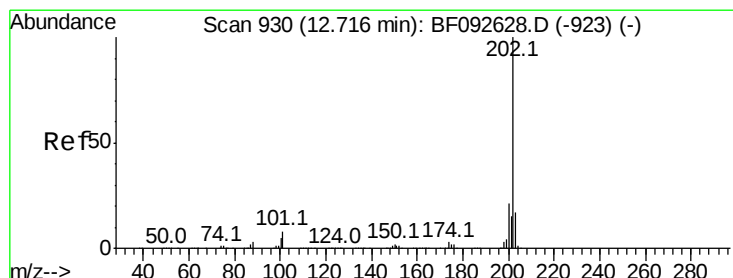
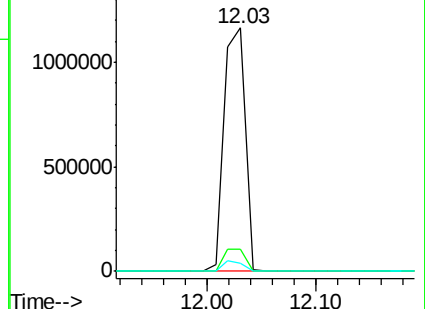
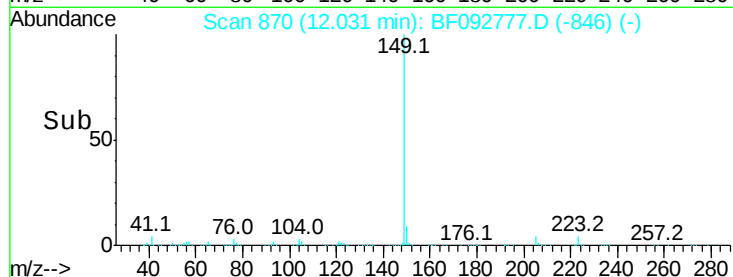
104 3.5 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.82 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

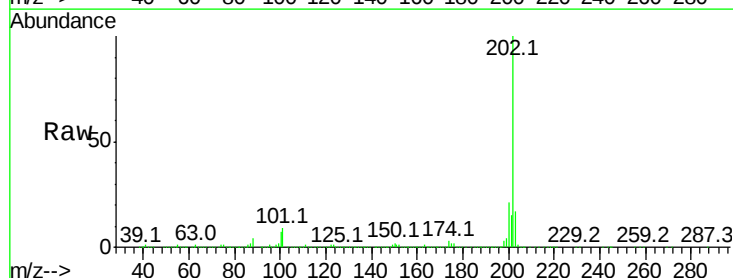
Tgt Ion:202 Resp: 1213816

Ion Ratio Lower Upper

202 100

101 9.2 0.0 34.6

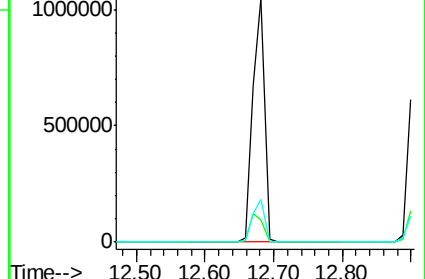
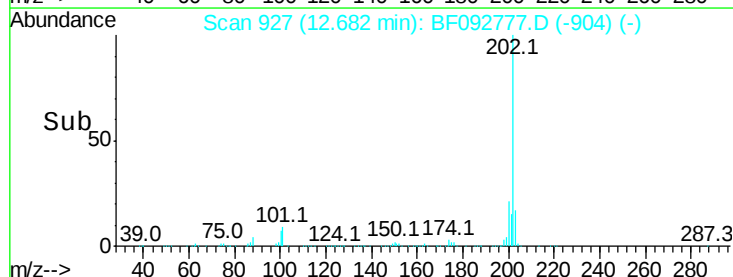
203 17.3 0.0 38.7

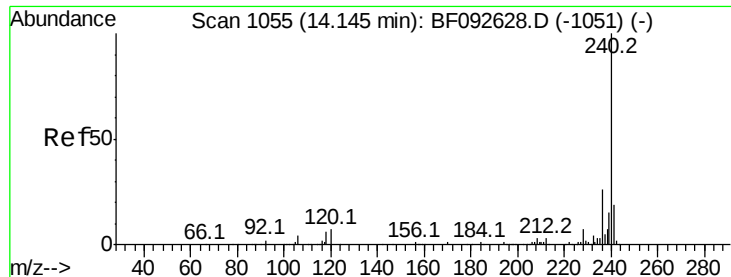


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampleId :

RVE-7MSD

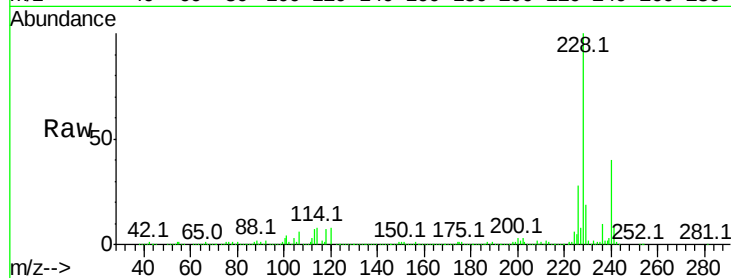
Tot Ion:240 Resp: 275002

Ion Ratio Lower Upper

240 100

120 19.2 12.9 19.3

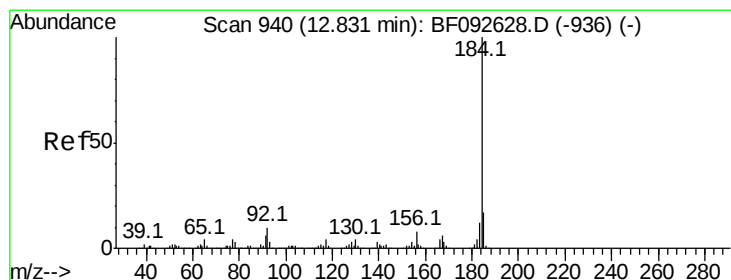
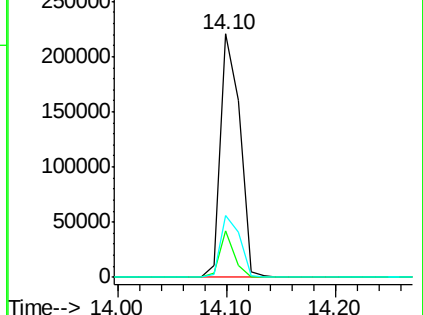
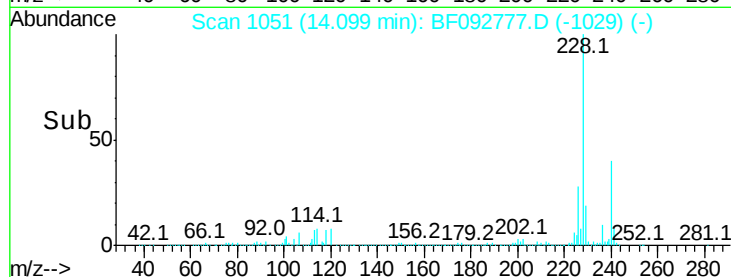
236 25.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.71 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.03 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

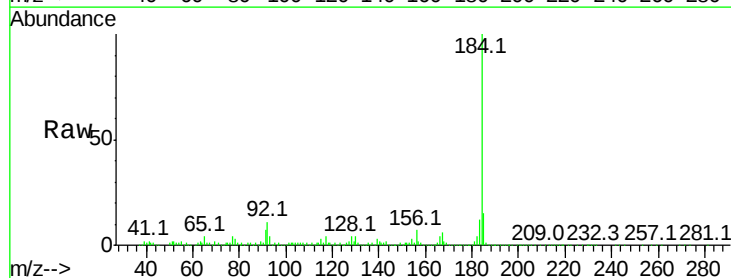
Tgt Ion:184 Resp: 383278

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

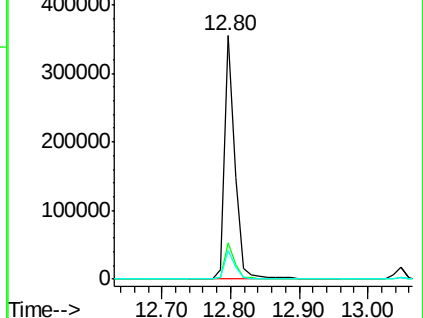
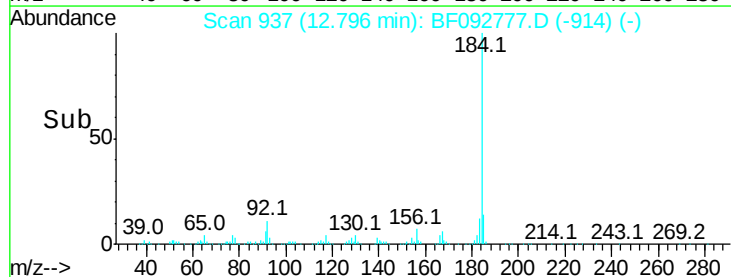
183 11.8 9.2 13.8

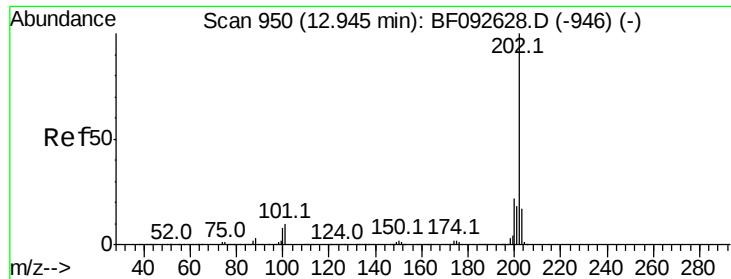


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 57.21 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

Instrument :

BNA_F

ClientSampleId :

RVE-7MSD

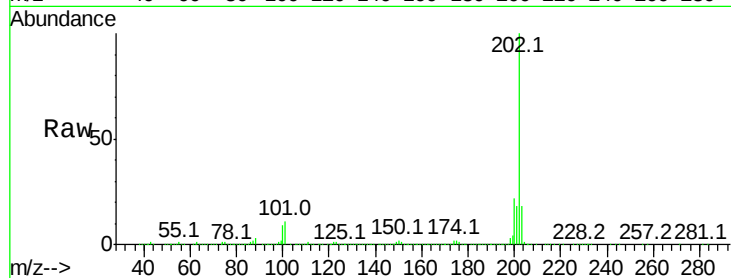
Tot Ion:202 Resp: 1177390

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

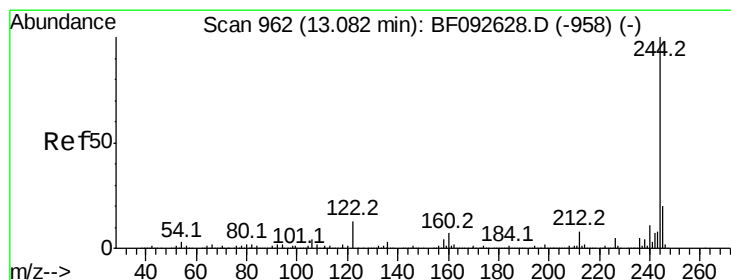
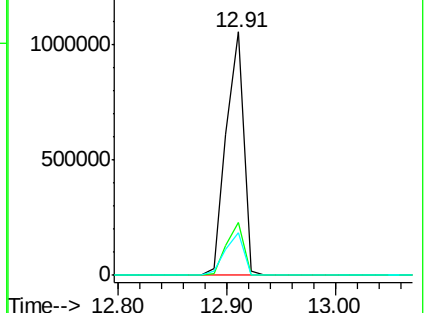
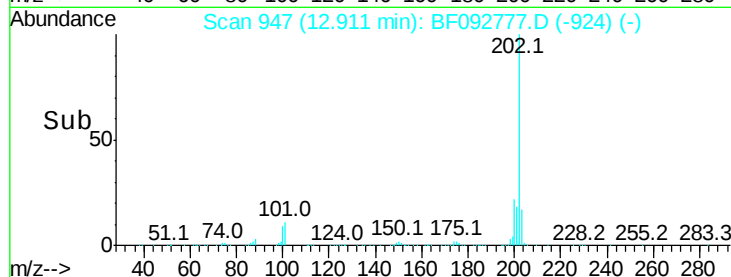
203 17.6 14.7 22.1



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: 103.61 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092777.D

Acq: 3 Feb 2017 13:52

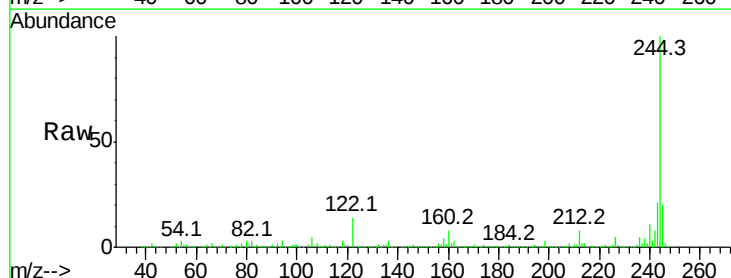
Tgt Ion:244 Resp: 1212639

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

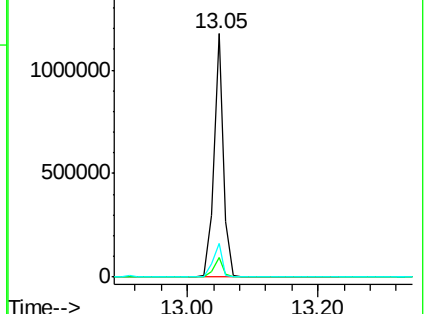
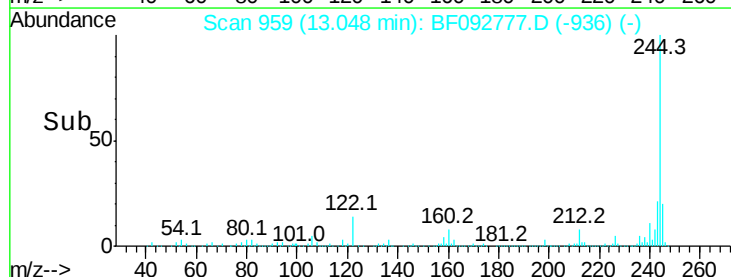
122 14.0 11.4 17.2

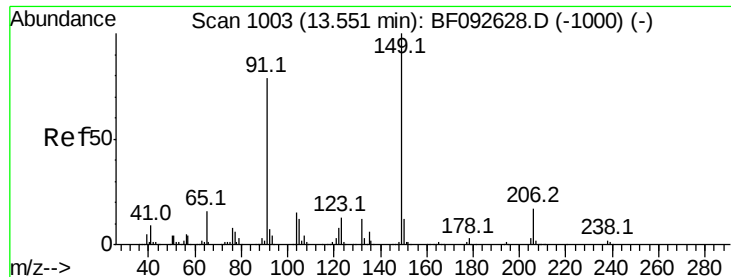


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

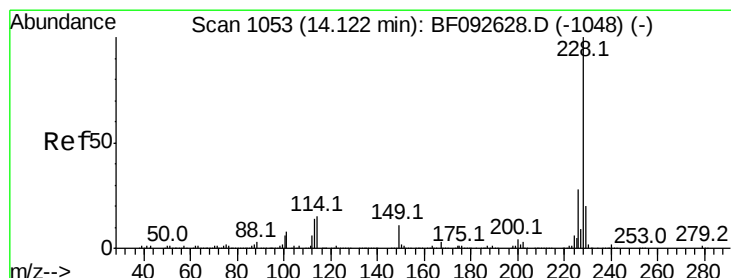
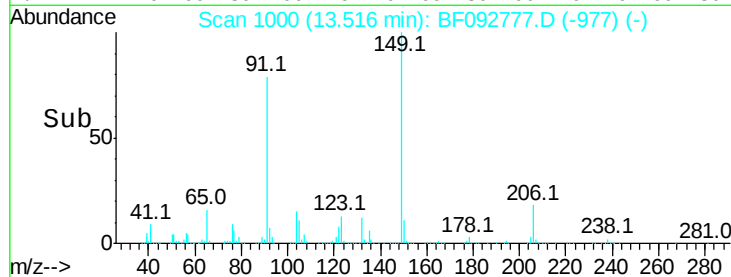
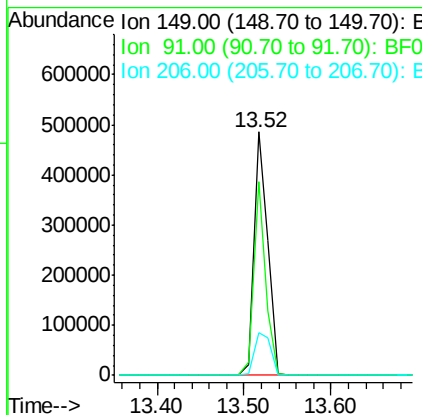
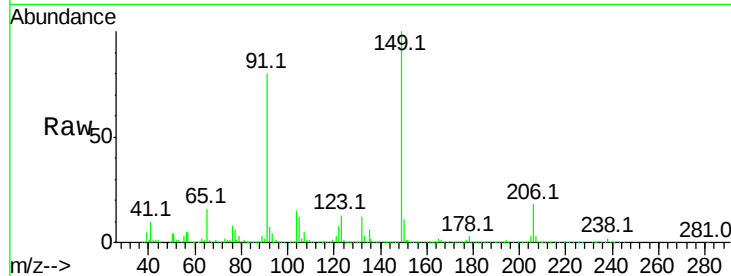




#79
 Butylbenzylphthalate
 Concen: 63.91 ng
 RT: 13.52 min Scan# 1000
 Delta R.T. -0.03 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

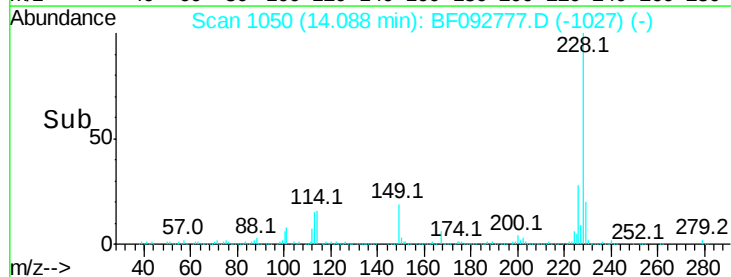
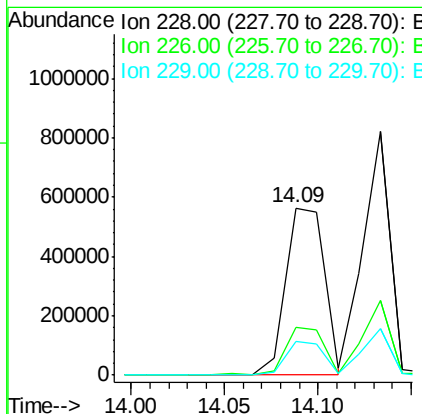
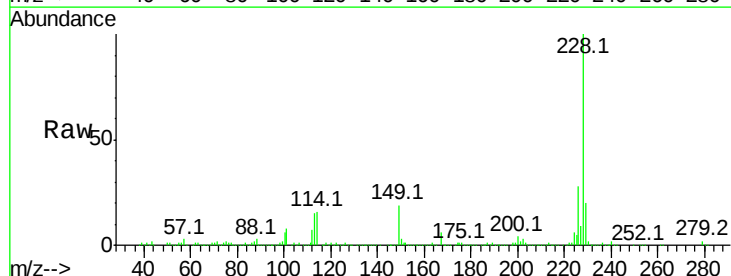
Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MSD

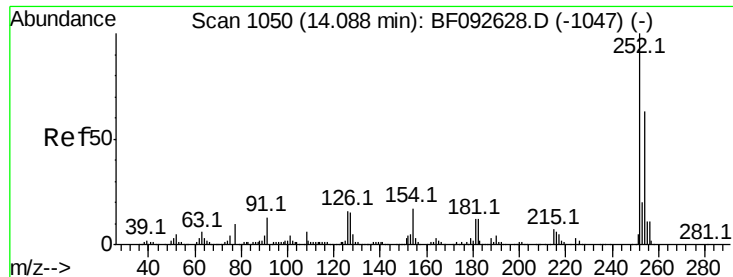
Tot Ion:	149	Resp:	534079
Ion	Ratio	Lower	Upper
149	100		
91	79.7	63.9	95.9
206	17.7	14.6	21.8



#80
 Benzo(a)anthracene
 Concen: 48.61 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.03 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Tgt Ion:	228	Resp:	817613
Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.4	33.6
229	20.0	16.2	24.4

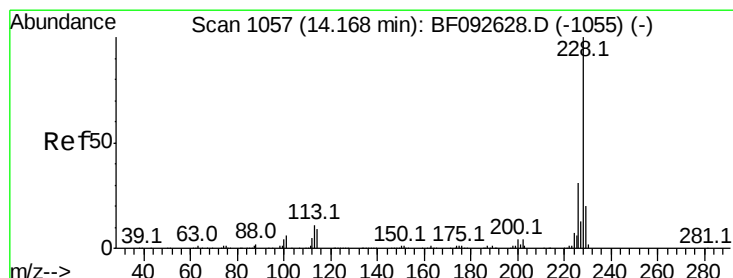
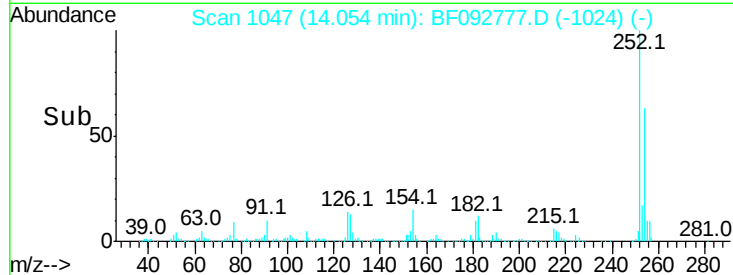
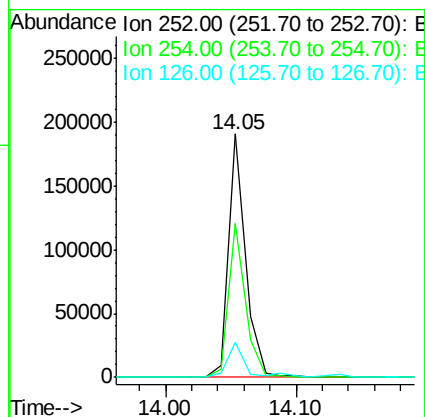
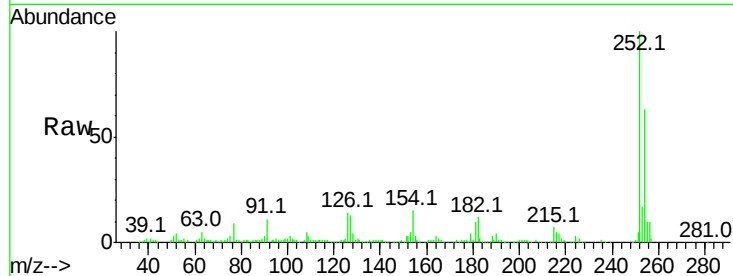




#81
 3,3'-Dichlorobenzidine
 Concen: 29.15 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

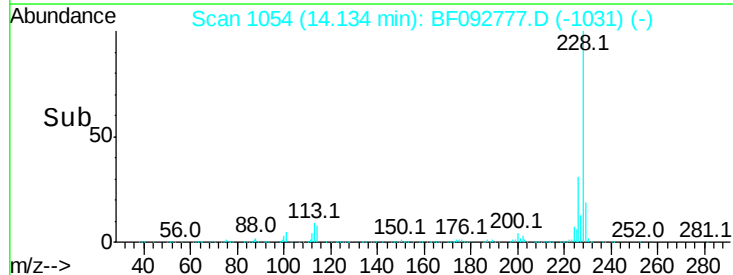
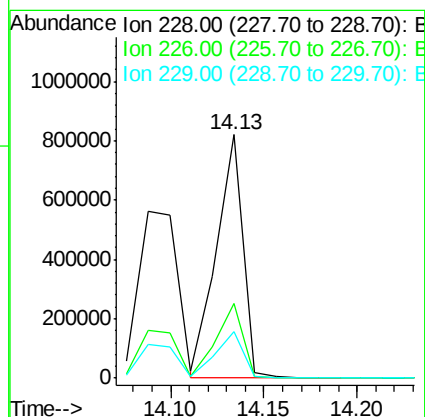
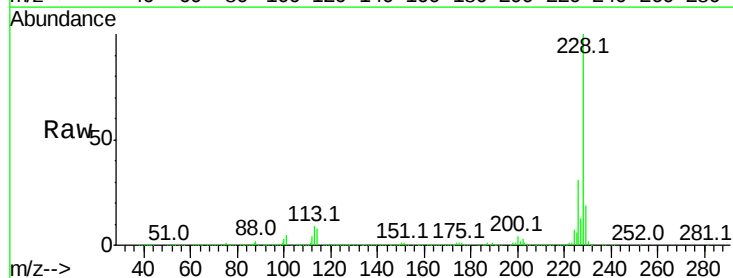
Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MSD

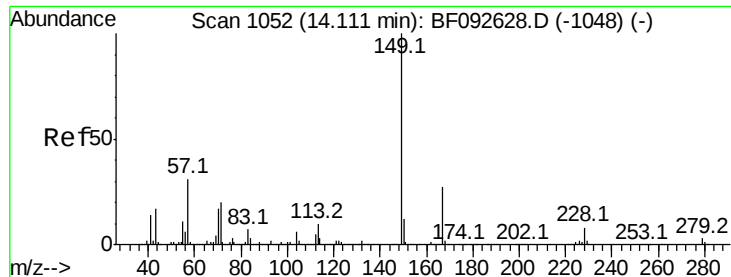
Tot Ion:252 Resp: 174760
 Ion Ratio Lower Upper
 252 100
 254 63.5 52.3 78.5
 126 14.2 13.6 20.4



#82
 Chrysene
 Concen: 51.64 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Tgt Ion:228 Resp: 813163
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.0
 229 19.3 16.2 24.2

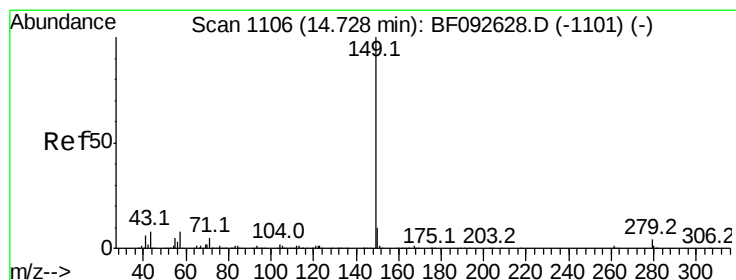
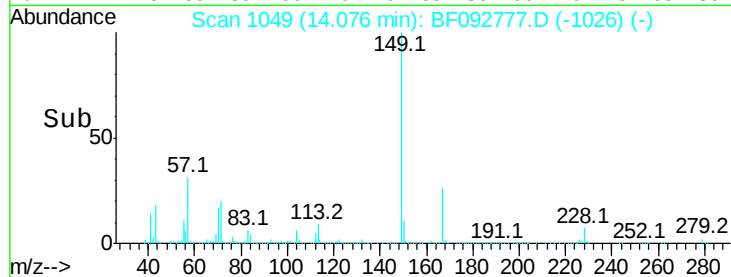
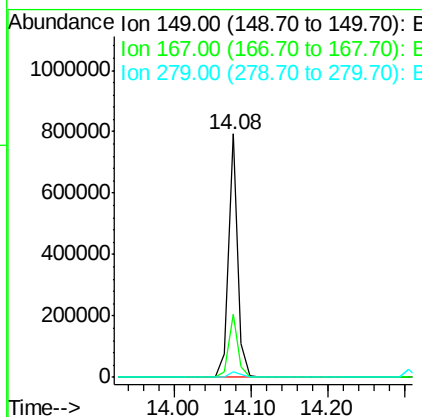
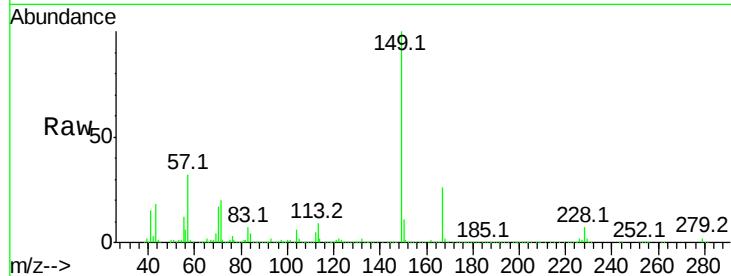




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 59.39 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.03 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

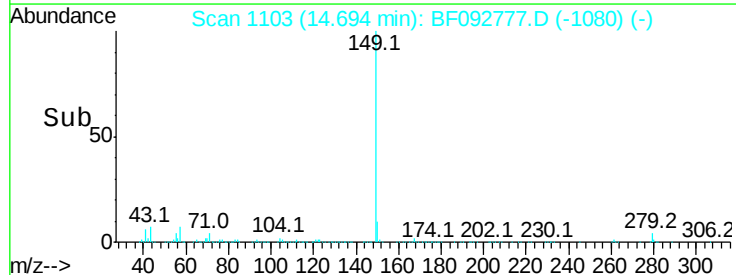
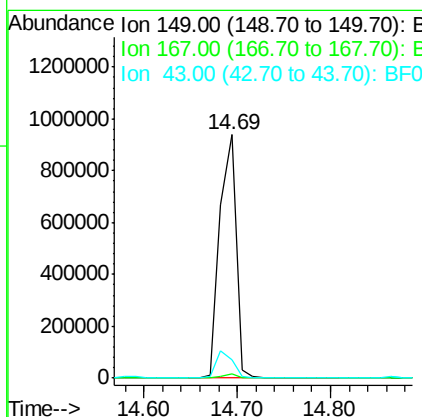
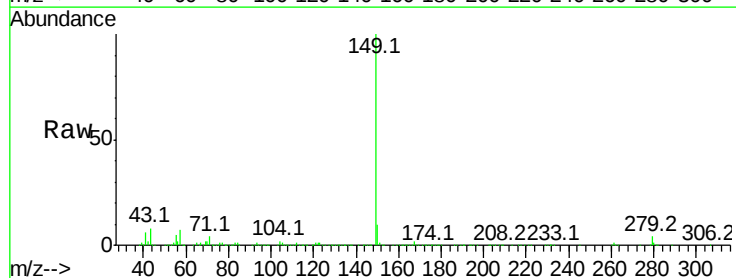
Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MSD

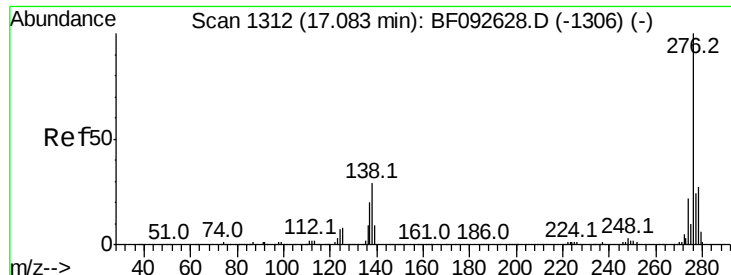
Tot Ion:149 Resp: 678739
 Ion Ratio Lower Upper
 149 100
 167 26.0 20.2 30.4
 279 2.5 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 61.09 ng
 RT: 14.69 min Scan# 1103
 Delta R.T. -0.03 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Tgt Ion:149 Resp: 1136948
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.0 8.9 13.3

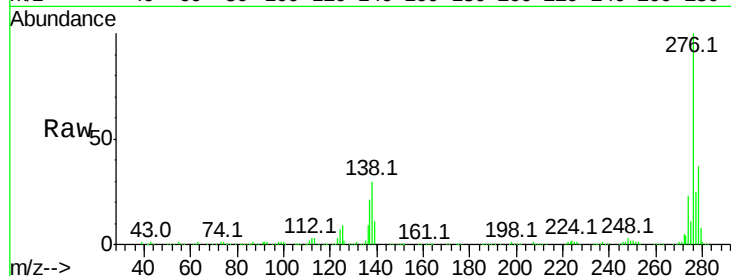




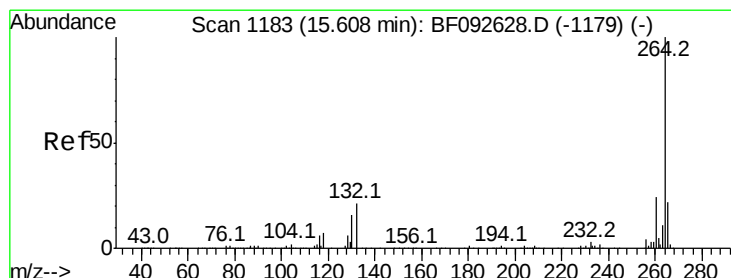
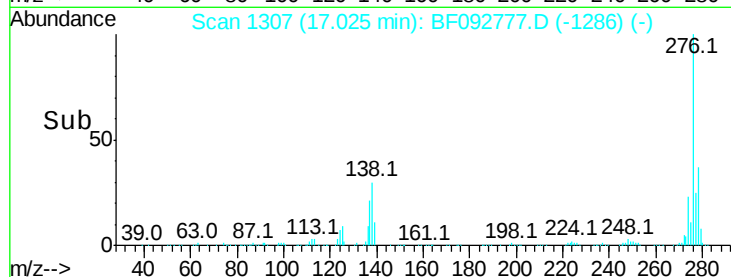
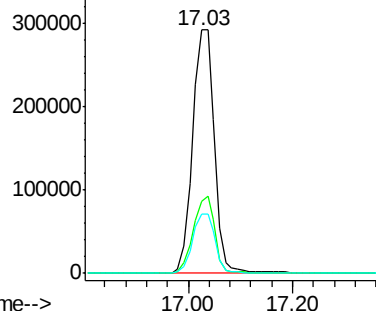
#85
Indeno(1,2,3-cd)pyrene
Concen: 69.84 ng
RT: 17.03 min Scan# 1307
Delta R.T. -0.06 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

Instrument :
BNA_F
ClientSampleId :
RVE-7MSD

Tot Ion:276 Resp: 851899
Ion Ratio Lower Upper
276 100
138 31.6 21.8 32.6
277 25.1 20.2 30.4

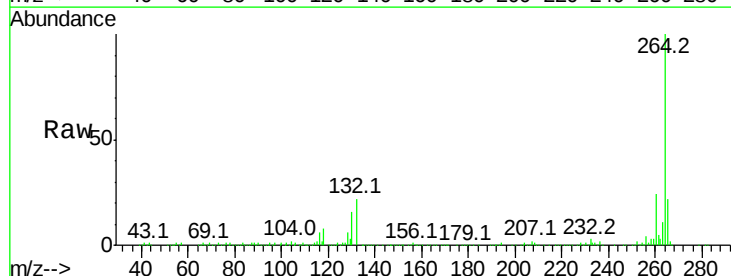


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

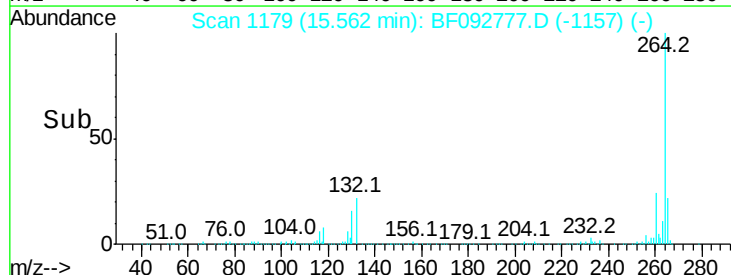
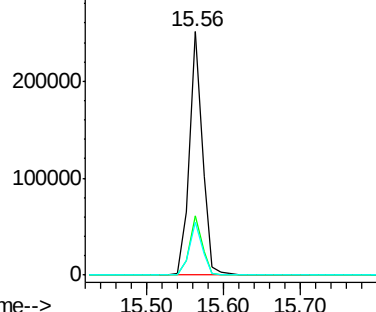


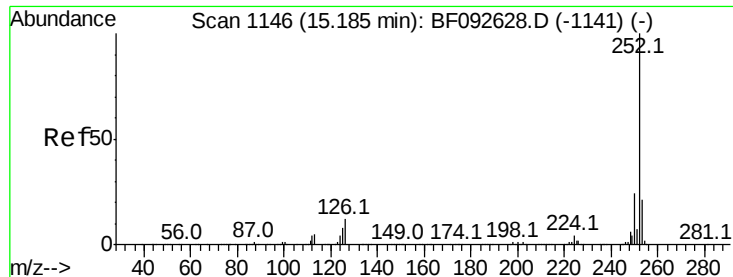
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

Tgt Ion:264 Resp: 299637
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.8 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

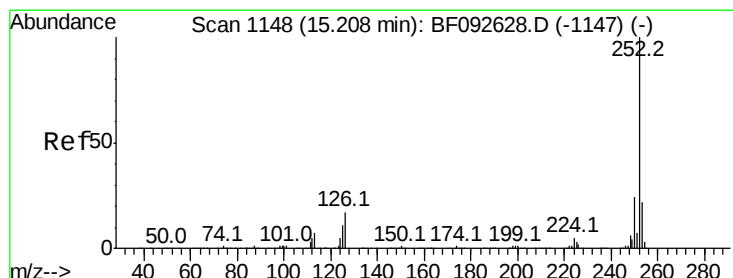
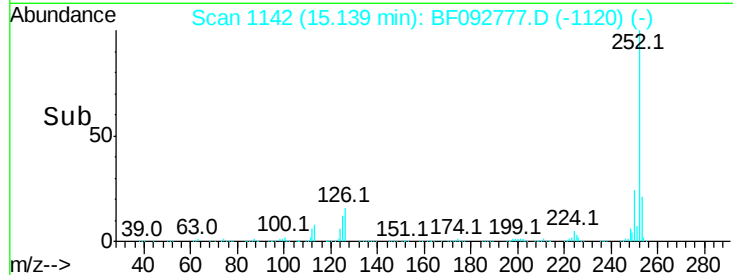
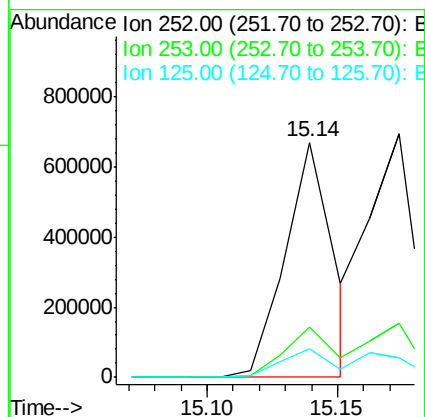
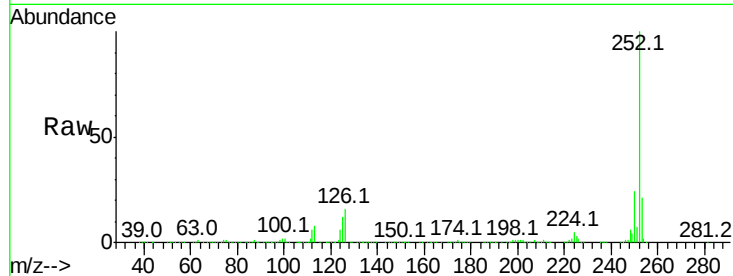




#87
Benzo(b)fluoranthene
Concen: 43.16 ng
RT: 15.14 min Scan# 1142
Delta R.T. -0.05 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

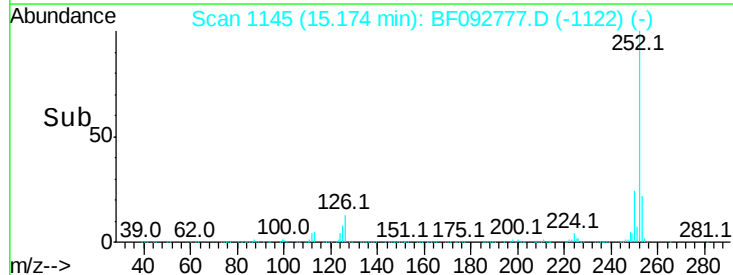
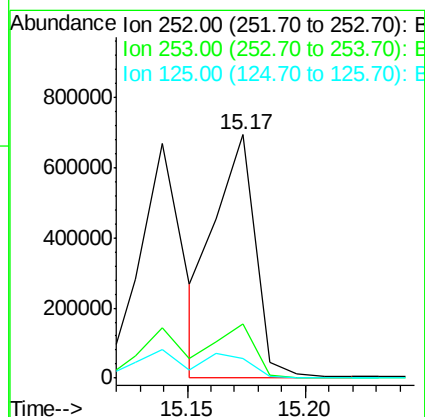
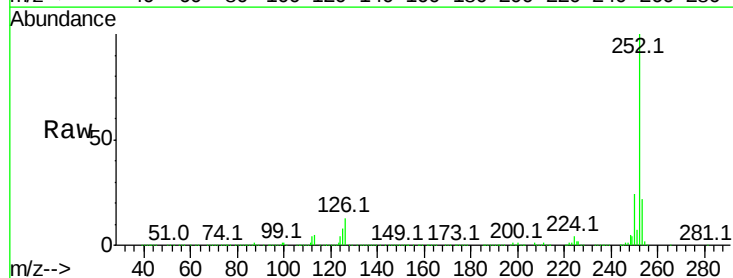
Instrument :
BNA_F
ClientSampleId :
RVE-7MSD

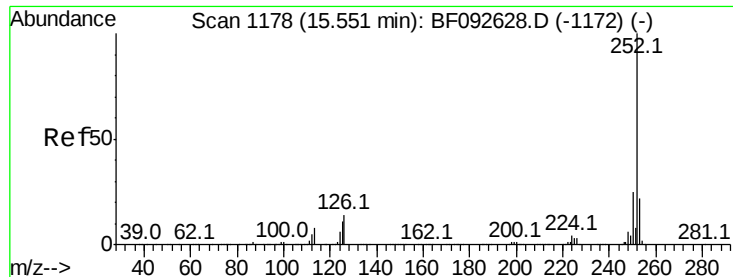
Tot Ion:252 Resp: 851166
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 12.1 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 49.01 ng m
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

Tgt Ion:252 Resp: 834635
Ion Ratio Lower Upper
252 100
253 22.2 18.5 27.7
125 8.0 8.9 13.3#

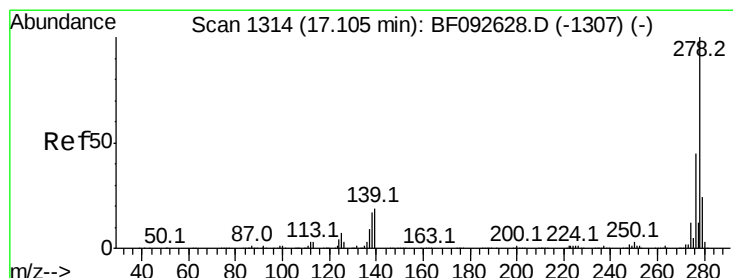
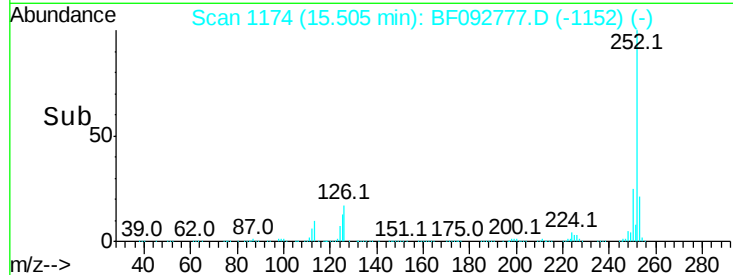
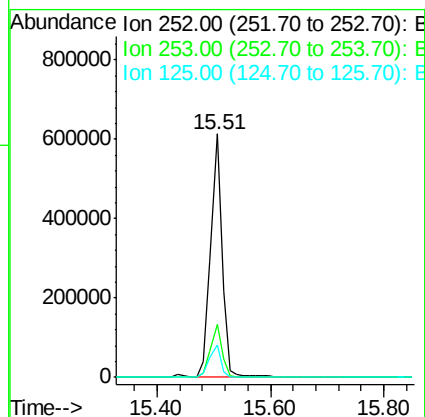
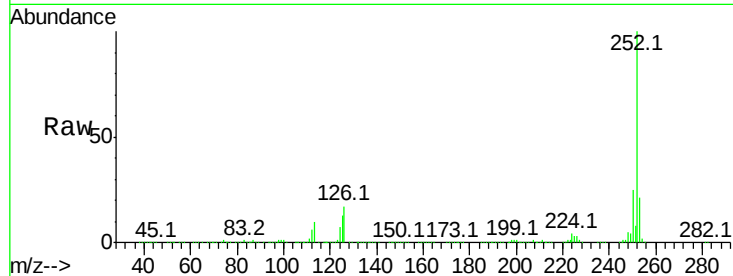




#89
Benzo(a)pyrene
Concen: 48.43 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.05 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

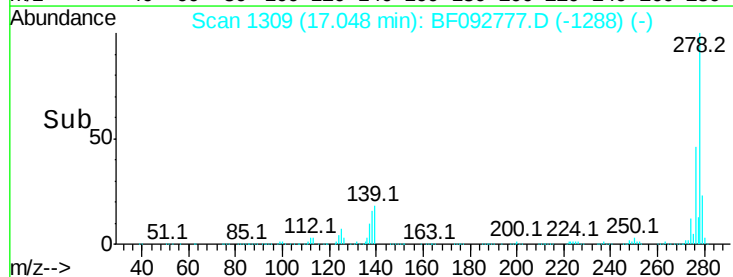
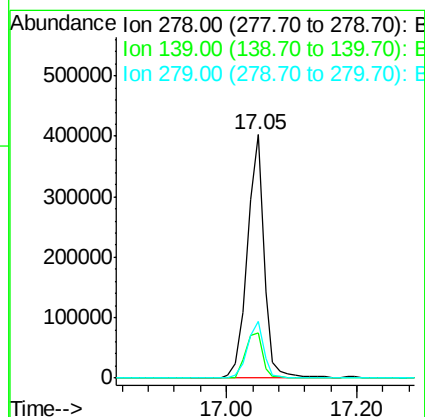
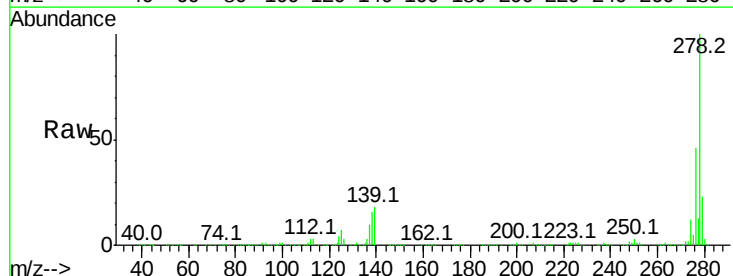
Instrument :
BNA_F
ClientSampleId :
RVE-7MSD

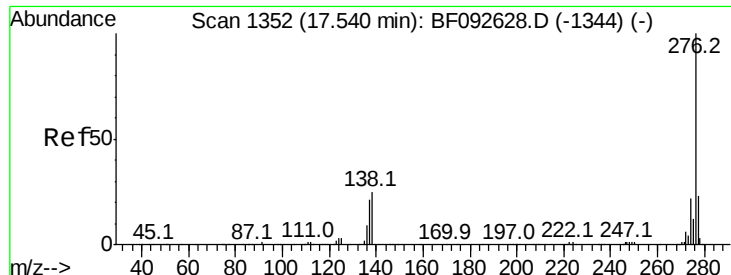
Tot Ion:252 Resp: 826272
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 13.1 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 51.83 ng
RT: 17.05 min Scan# 1309
Delta R.T. -0.06 min
Lab File: BF092777.D
Acq: 3 Feb 2017 13:52

Tgt Ion:278 Resp: 714569
Ion Ratio Lower Upper
278 100
139 18.5 14.8 22.2
279 23.4 19.8 29.6

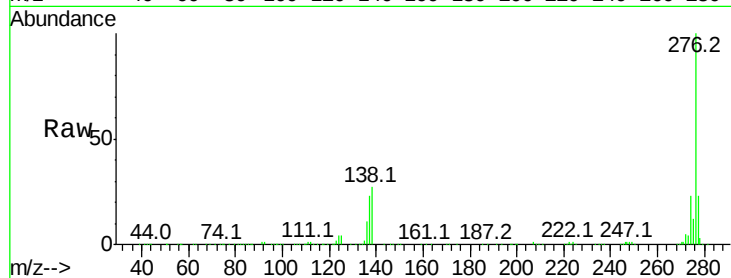




#91
 Benzo(a,h,i)perylene
 Concen: 49.93 ng
 RT: 17.47 min Scan# 1346
 Delta R.T. -0.07 min
 Lab File: BF092777.D
 Acq: 3 Feb 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MSD

Tot Ion:276 Resp: 695411
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.2 28.8
 138 27.4 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

