

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092776.D
 Acq On : 3 Feb 2017 13:25
 Operator : SJ/MA
 Sample : I1378-06MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MS

Quant Time: Feb 03 14:00:37 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	141544	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	542148	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	300322	20.00	ng	-0.02
63) Phenanthrene-d10	11.47	188	433186	20.00	ng	-0.02
75) Chrysene-d12	14.10	240	313144	20.00	ng	-0.05
86) Perylene-d12	15.56	264	327798	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1109708	134.51	ng	-0.02
7) Phenol-d6	6.58	99	1533364	144.45	ng	-0.02
23) Nitrobenzene-d5	7.50	82	896766	92.11	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	273712	126.01	ng	-0.03
44) 2-Fluorobiphenyl	9.31	172	1717452	103.60	ng	-0.02
78) Terphenyl-d14	13.05	244	1169487	87.75	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.62	88	172034	38.59	ng	# 83
3) Pyridine	3.38	79	412062	36.35	ng	87
4) n-Nitrosodimethylamine	3.33	42	280491	52.70	ng	89
6) Aniline	6.60	93	236789	16.35	ng	# 80
8) 2-Chlorophenol	6.73	128	421867	46.35	ng	92
9) Benzaldehyde	6.48	77	238088	31.31	ng	90
10) Phenol	6.59	94	475316	38.27	ng	91
11) bis(2-Chloroethyl)ether	6.67	93	391401	39.48	ng	92
12) 1,3-Dichlorobenzene	6.88	146	473051	44.37	ng	96
13) 1,4-Dichlorobenzene	6.96	146	474483	43.97	ng	93
14) 1,2-Dichlorobenzene	7.10	146	408393	39.58	ng	98
15) Benzyl Alcohol	7.08	79	347951	44.27	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	720892	41.86	ng	93
17) 2-Methylphenol	7.20	107	336398	43.08	ng	95
18) Hexachloroethane	7.45	117	147721	40.11	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	289625	42.86	ng	96
20) 3+4-Methylphenols	7.36	107	413358	44.28	ng	94
22) Acetophenone	7.34	105	537174	43.40	ng	# 95
24) Nitrobenzene	7.53	77	475553	47.57	ng	# 90
25) Isophorone	7.77	82	804717	44.36	ng	99
26) 2-Nitrophenol	7.85	139	219719	46.24	ng	# 75
27) 2,4-Dimethylphenol	7.88	122	352699	42.26	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	473821	39.44	ng	97
29) 2,4-Dichlorophenol	8.09	162	347019	44.58	ng	91
30) 1,2,4-Trichlorobenzene	8.17	180	366368	43.68	ng	95
31) Naphthalene	8.25	128	1094019	39.81	ng	99
32) Benzoic acid	8.00	122	160177	35.98	ng	98
33) 4-Chloroaniline	8.30	127	92595	8.59	ng	94
34) Hexachlorobutadiene	8.36	225	189939	41.16	ng	99
35) Caprolactam	8.67	113	102012	41.67	ng	# 47
36) 4-Chloro-3-methylphenol	8.80	107	375809	46.31	ng	96
37) 2-Methylnaphthalene	8.94	142	804436	45.59	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	324772	38.52	ng	99
40) Hexachlorocyclopentadiene	9.09	237	177843	46.76	ng	97

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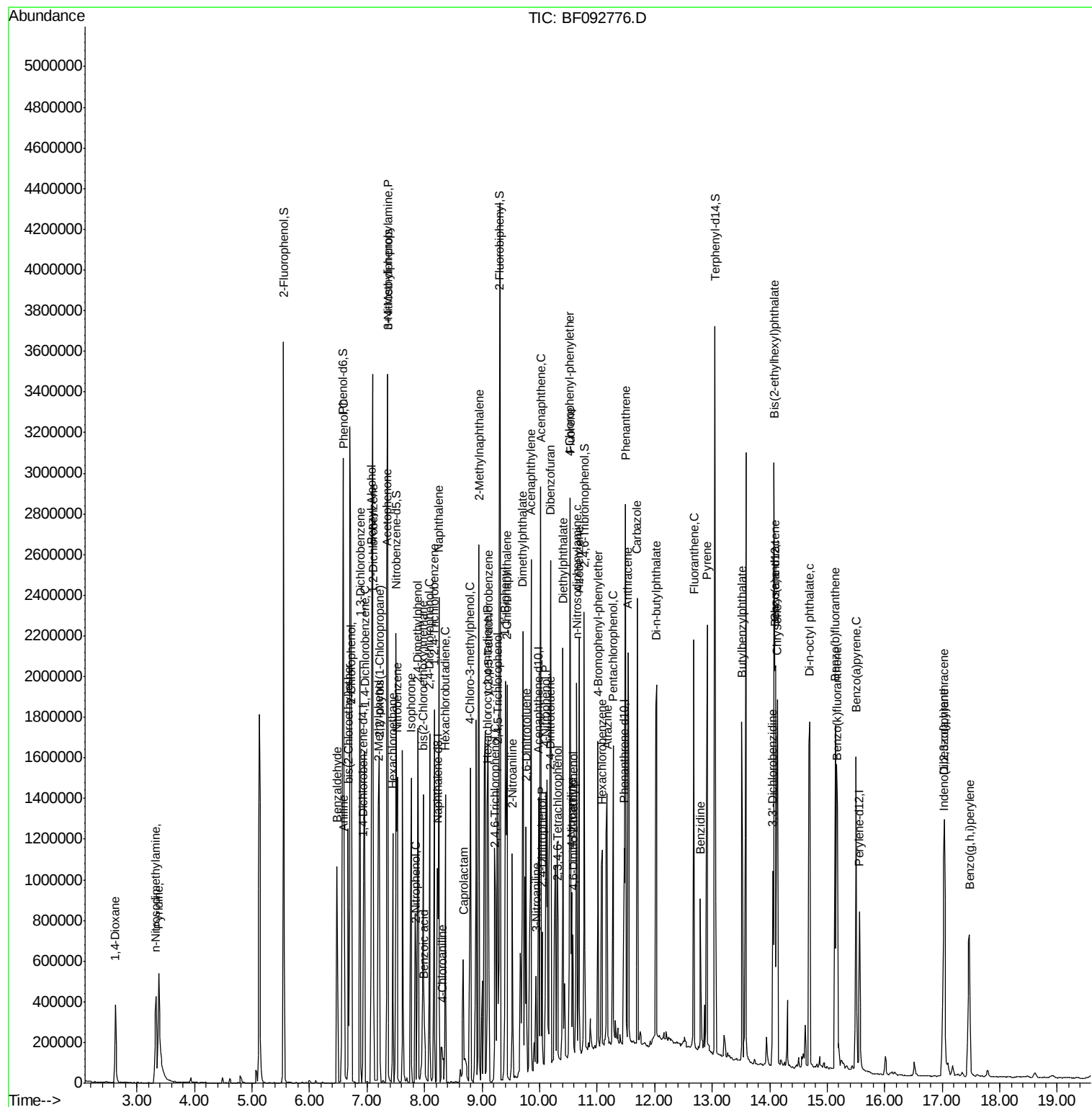
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	240177	43.36	nq	95
43) 2,4,5-Trichlorophenol	9.26	196	240017	39.55	nq	92
45) 1,1'-Biphenyl	9.40	154	891173	40.98	nq	96
46) 2-Chloronaphthalene	9.44	162	770781	45.31	nq	95
47) 2-Nitroaniline	9.53	65	212357	37.13	nq	97
48) Acenaphthylene	9.85	152	1117939	38.04	nq	98
49) Dimethylphthalate	9.71	163	1027186	50.78	nq	99
50) 2,6-Dinitrotoluene	9.77	165	174633	39.97	nq	# 77
51) Acenaphthene	10.02	154	714469	40.66	nq	97
52) 3-Nitroaniline	9.94	138	82935	16.59	nq	86
53) 2,4-Dinitrophenol	10.04	184	82298	39.57	nq	# 62
54) Dibenzofuran	10.19	168	1008341	42.91	nq	95
55) 4-Nitrophenol	10.11	139	245971	68.31	nq	94
56) 2,4-Dinitrotoluene	10.18	165	246816	42.44	nq	# 70
57) Fluorene	10.53	166	753024	41.65	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	181279	44.77	nq	94
59) Diethylphthalate	10.41	149	835633	43.83	nq	97
60) 4-Chlorophenyl-phenylether	10.52	204	332670	38.30	nq	90
61) 4-Nitroaniline	10.56	138	178924	34.94	nq	87
62) Azobenzene	10.68	77	839570	42.63	nq	95
64) 4,6-Dinitro-2-methylphenol	10.58	198	80006	31.32	nq	# 70
65) n-Nitrosodiphenylamine	10.65	169	681753	49.27	nq	99
66) 4-Bromophenyl-phenylether	11.01	248	216362	47.81	nq	# 90
67) Hexachlorobenzene	11.08	284	201514	45.06	nq	# 91
68) Atrazine	11.17	200	220595	49.67	nq	94
69) Pentachlorophenol	11.28	266	191924	82.85	nq	98
70) Phenanthrene	11.49	178	1036448	41.76	nq	99
71) Anthracene	11.54	178	1010961	40.56	nq	98
72) Carbazole	11.70	167	871406	36.58	nq	99
73) Di-n-butylphthalate	12.03	149	1385601	53.78	nq	# 95
74) Fluoranthene	12.68	202	1066286	41.65	nq	93
76) Benzidine	12.80	184	322031	24.13	nq	97
77) Pyrene	12.91	202	1051368	44.86	nq	99
79) Butylbenzylphthalate	13.52	149	496779	52.20	nq	95
80) Benzo(a)anthracene	14.09	228	837619	43.73	nq	100
81) 3,3'-Dichlorobenzidine	14.05	252	185913	27.23	nq	97
82) Chrysene	14.13	228	816758	45.55	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	692857	53.24	nq	98
84) Di-n-octyl phthalate	14.69	149	1165060	54.97	nq	98
85) Indeno(1,2,3-cd)pyrene	17.03	276	748839	53.91	nq	95
87) Benzo(b)fluoranthene	15.14	252	849385	39.37	nq	99
88) Benzo(k)fluoranthene	15.17	252	808821m	43.42	nq	
89) Benzo(a)pyrene	15.51	252	814448	43.64	nq	99
90) Dibenzo(a,h)anthracene	17.04	278	636454	42.20	nq	97
91) Benzo(g,h,i)perylene	17.47	276	618194	40.57	nq	# 95

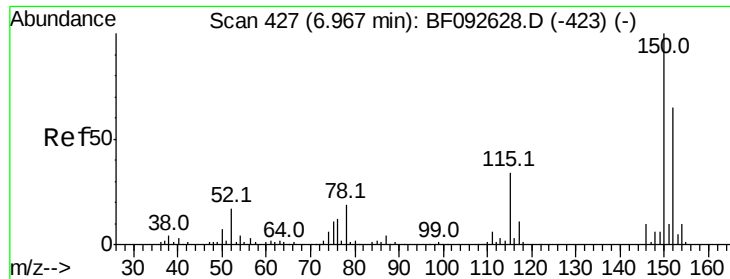
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampleId :

RVE-7MS

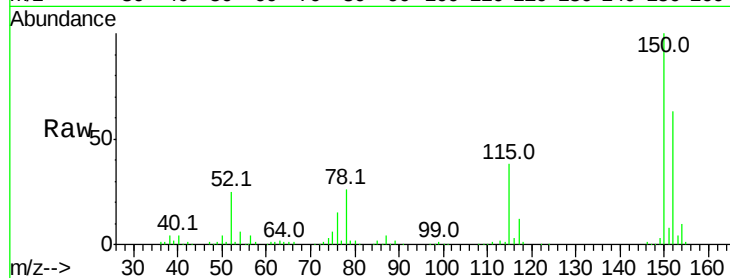
Tot Ion:152 Resp: 141544

Ion Ratio Lower Upper

152 100

150 157.8 124.9 187.3

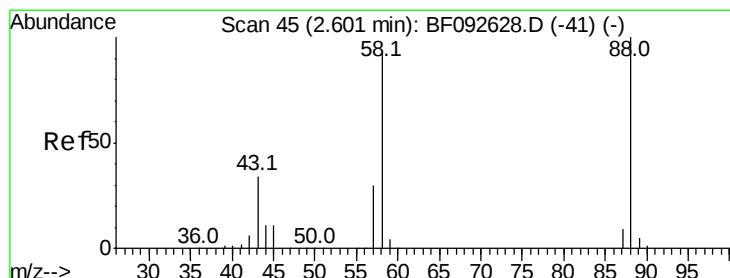
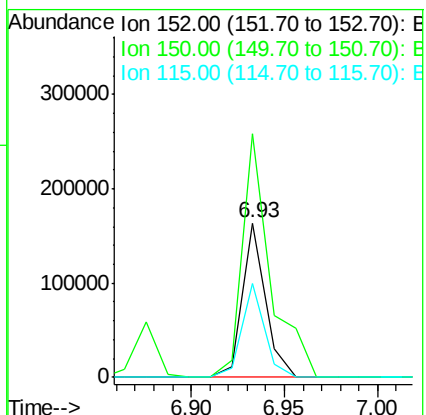
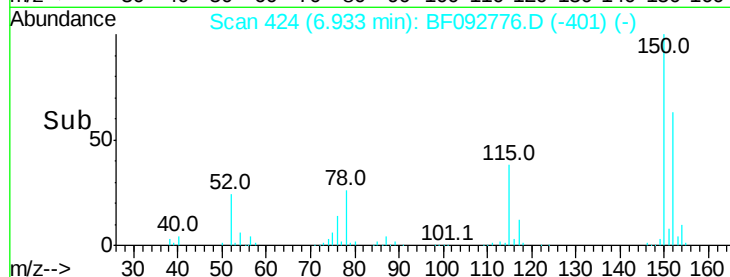
115 60.5 46.0 69.0



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: 38.59 ng

RT: 2.62 min Scan# 47

Delta R.T. 0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

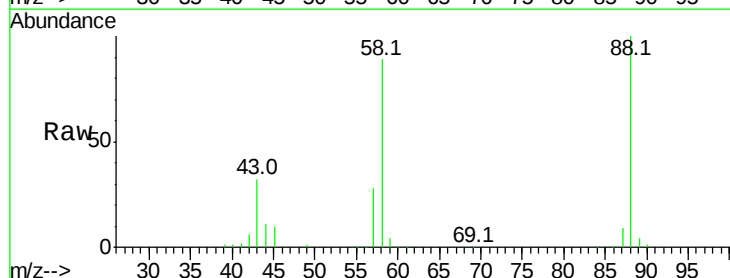
Tgt Ion: 88 Resp: 172034

Ion Ratio Lower Upper

88 100

58 89.2 57.8 86.8#

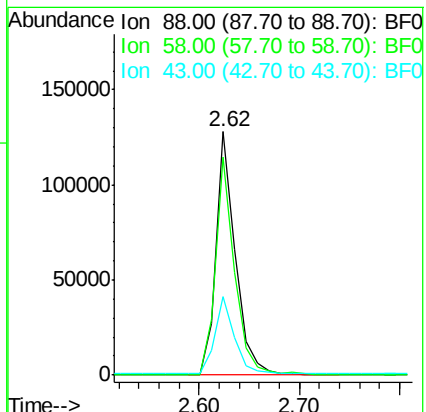
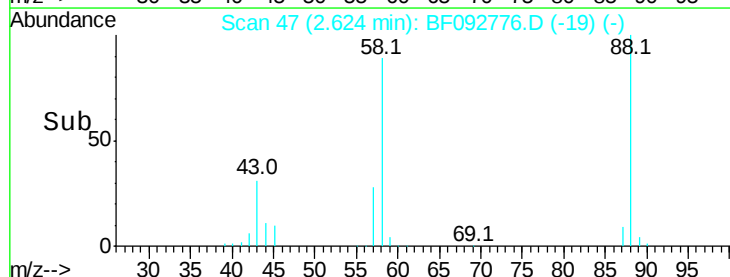
43 32.8 22.3 33.5

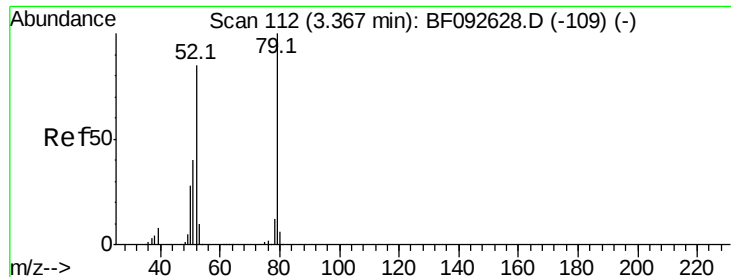


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.35 ng

RT: 3.38 min Scan# 113

Delta R.T. 0.01 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

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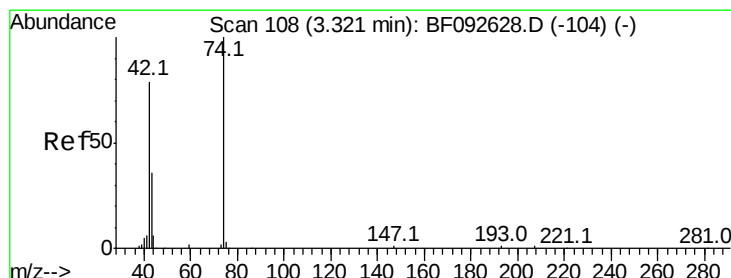
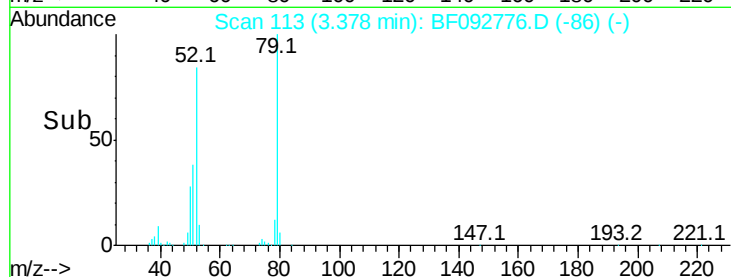
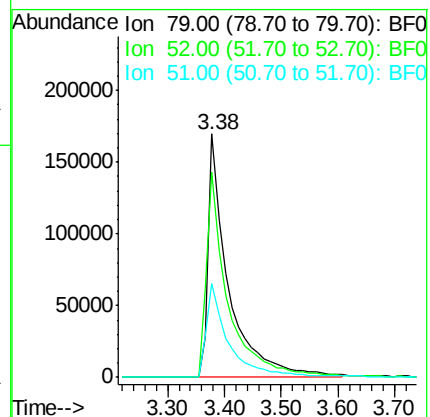
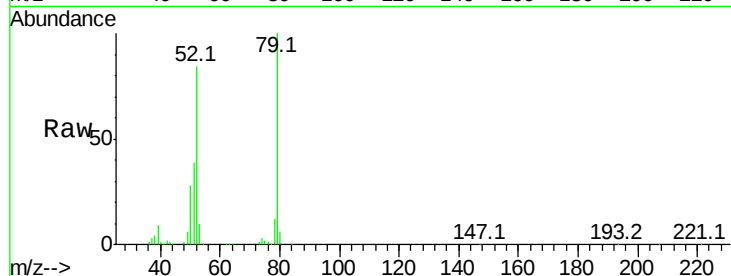
Tot Ion: 79 Resp: 412062

Ion Ratio Lower Upper

79 100

52 84.2 57.1 85.7

51 38.6 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 52.70 ng

RT: 3.33 min Scan# 109

Delta R.T. 0.01 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

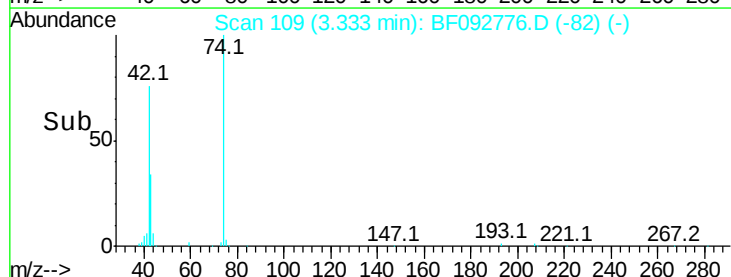
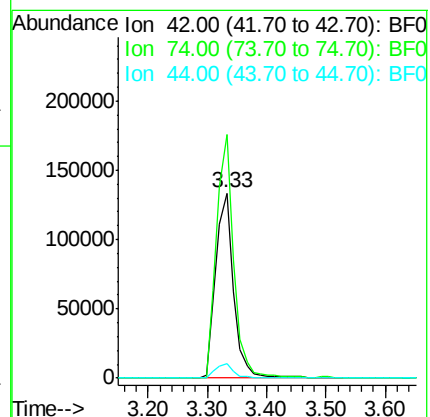
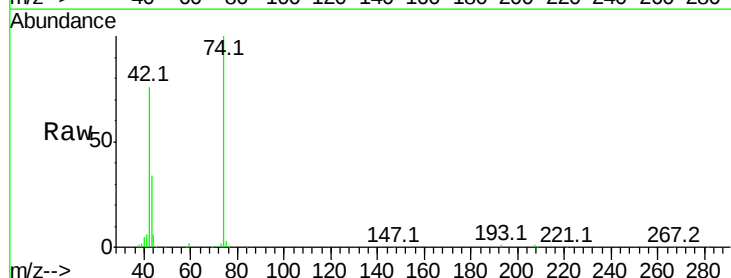
Tgt Ion: 42 Resp: 280491

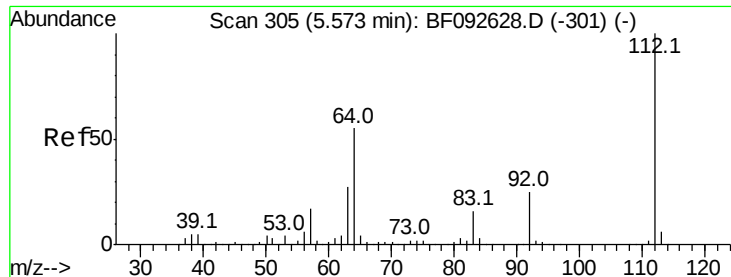
Ion Ratio Lower Upper

42 100

74 131.4 117.0 175.4

44 7.5 5.5 8.3





#5

2-Fluorophenol

Concen: 134.51 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

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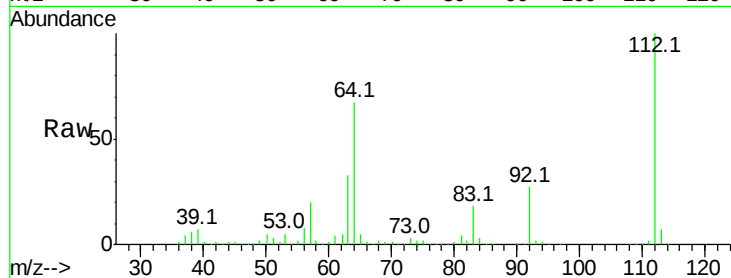
Tot Ion:112 Resp: 1109708

Ion Ratio Lower Upper

112 100

64 66.9 46.1 69.1

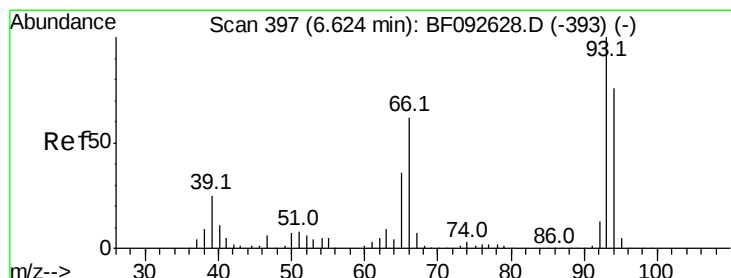
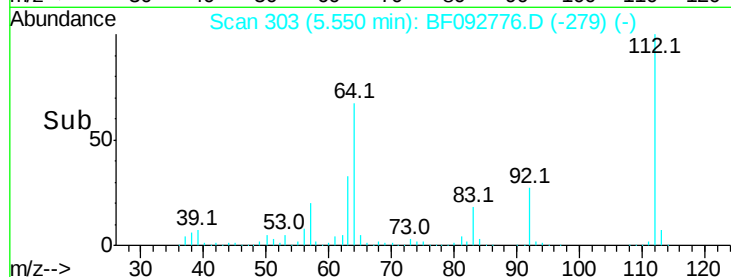
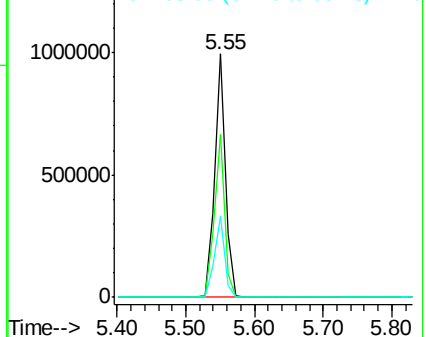
63 33.1 23.8 35.6



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: 16.35 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

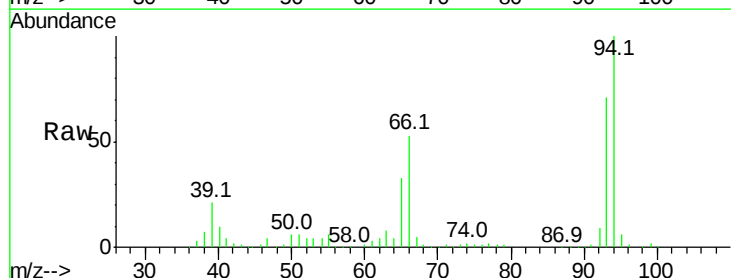
Tgt Ion: 93 Resp: 236789

Ion Ratio Lower Upper

93 100

66 74.8 76.2 114.2#

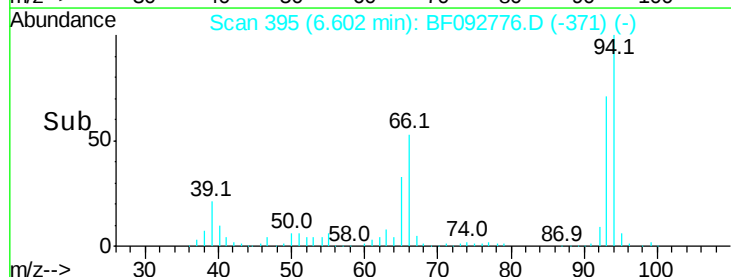
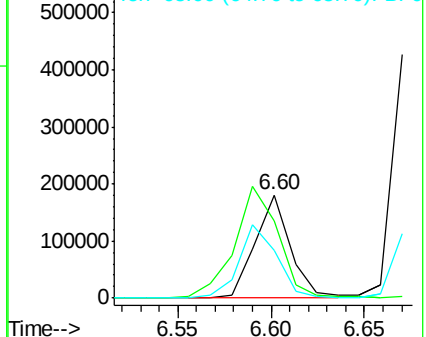
65 46.6 49.3 73.9#

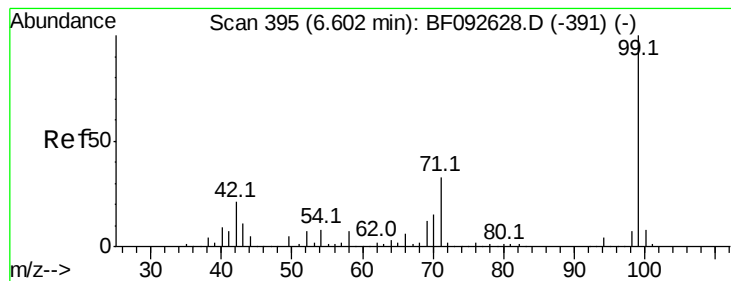


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 144.45 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

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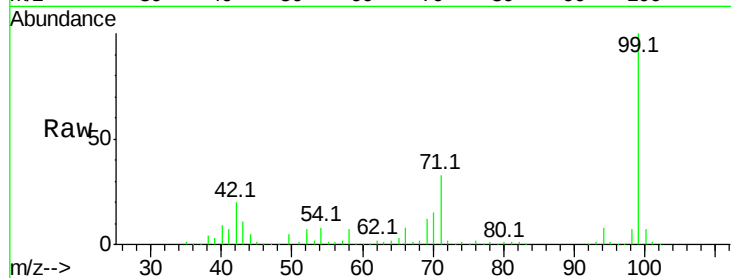
Tot Ion: 99 Resp: 1533364

Ion Ratio Lower Upper

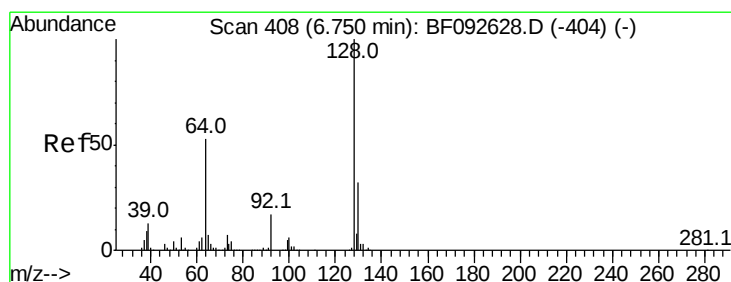
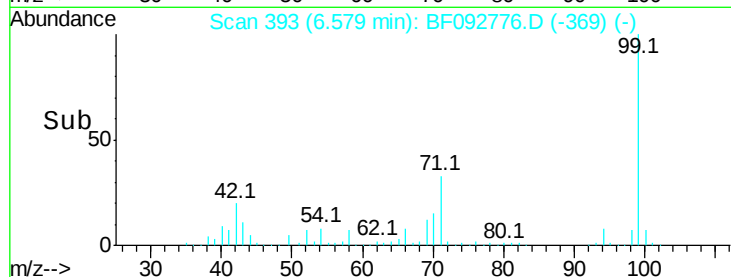
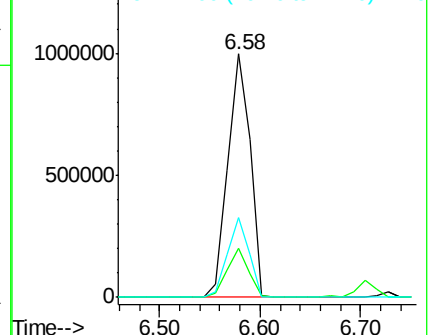
99 100

42 20.1 15.6 23.4

71 32.7 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: 46.35 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

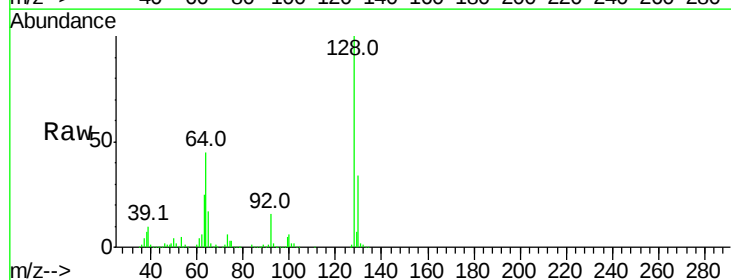
Tgt Ion:128 Resp: 421867

Ion Ratio Lower Upper

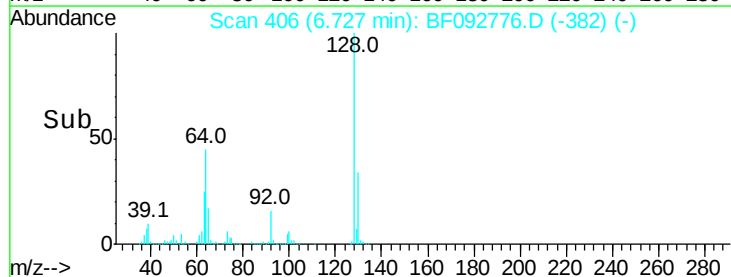
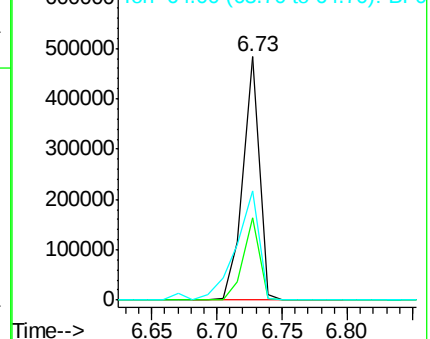
128 100

130 33.8 12.3 52.3

64 44.7 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: 31.31 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

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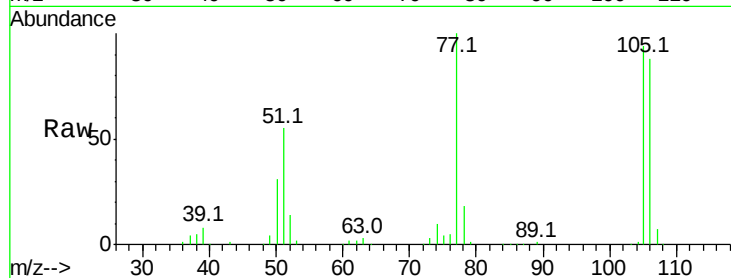
Tot Ion: 77 Resp: 238088

Ion Ratio Lower Upper

77 100

105 93.6 83.9 123.9

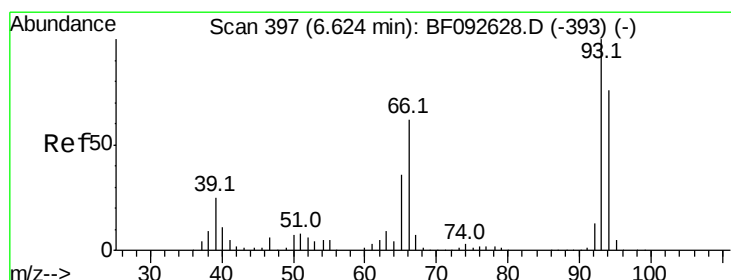
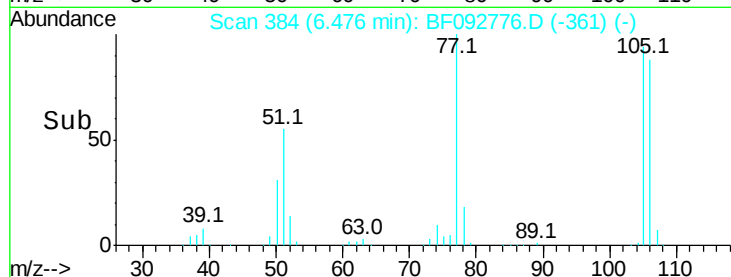
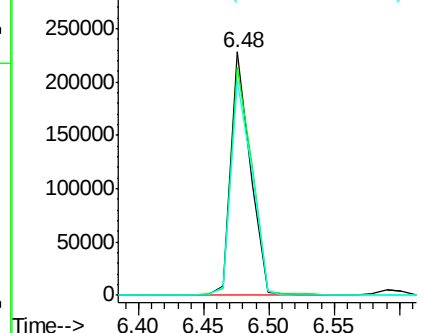
106 88.2 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.27 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

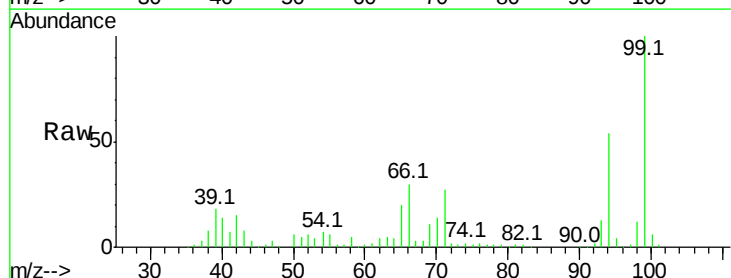
Tgt Ion: 94 Resp: 475316

Ion Ratio Lower Upper

94 100

65 37.2 21.4 61.4

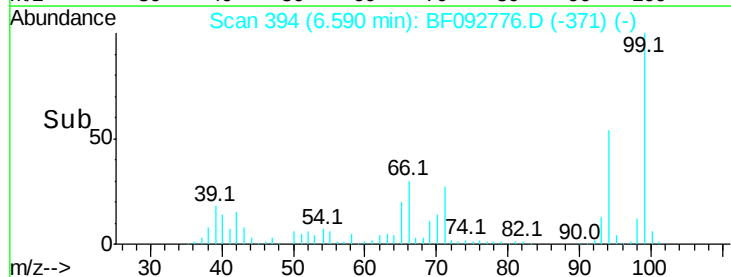
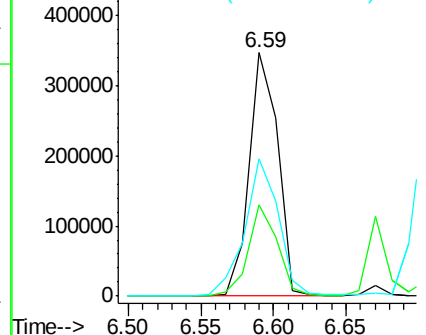
66 56.3 44.0 84.0



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: 39.48 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampleId :

RVE-7MS

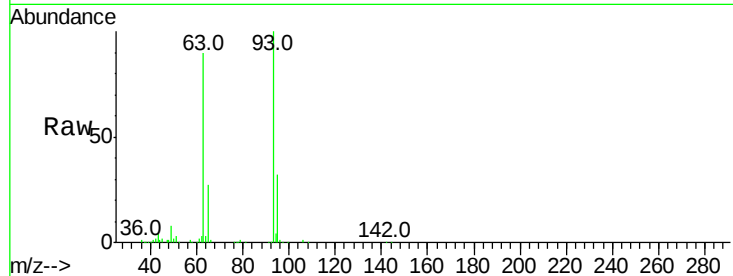
Tot Ion: 93 Resp: 391401

Ion Ratio Lower Upper

93 100

63 89.9 60.4 100.4

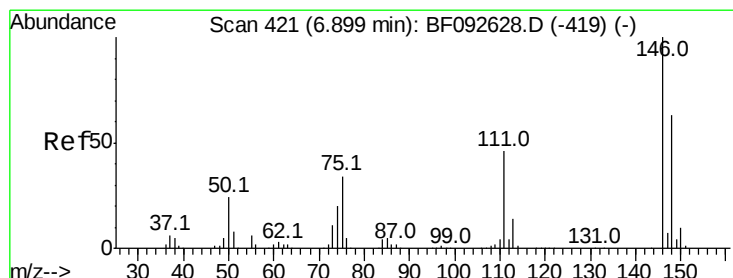
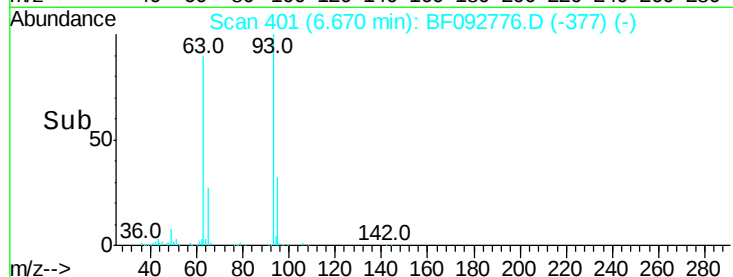
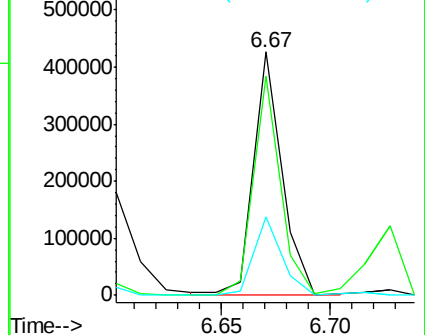
95 32.1 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 44.37 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

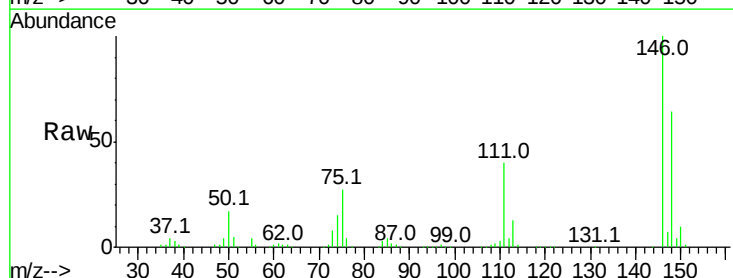
Tgt Ion: 146 Resp: 473051

Ion Ratio Lower Upper

146 100

148 64.4 53.4 80.0

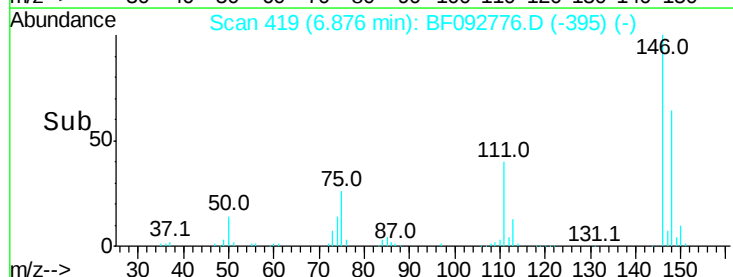
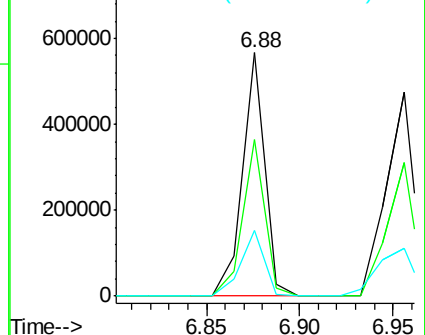
75 26.9 18.5 27.7

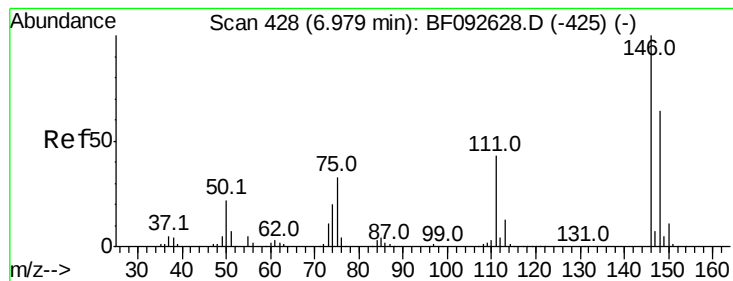


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 43.97 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampleId :

RVE-7MS

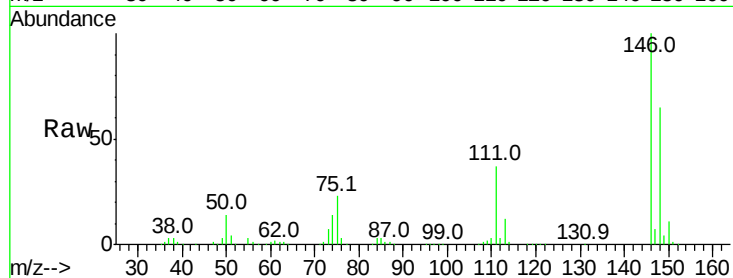
Tot Ion:146 Resp: 474483

Ion Ratio Lower Upper

146 100

148 65.2 50.6 76.0

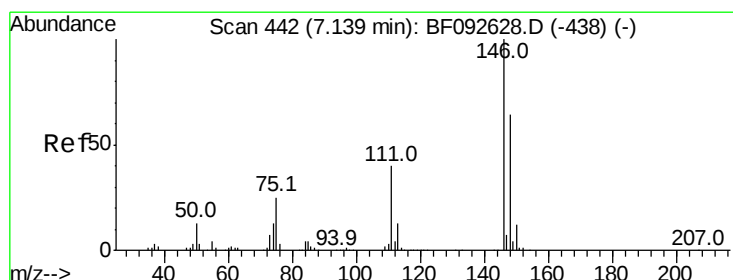
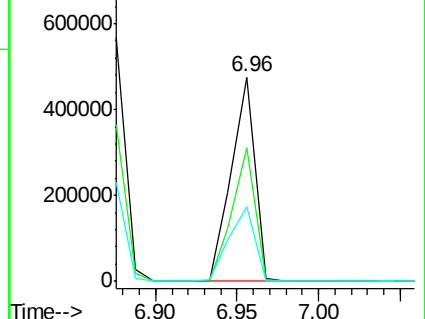
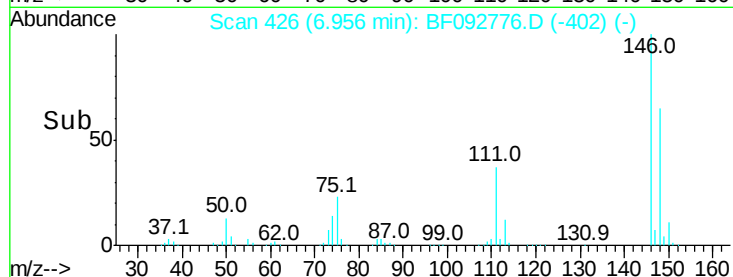
111 36.6 36.2 54.4



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: 39.58 ng

RT: 7.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

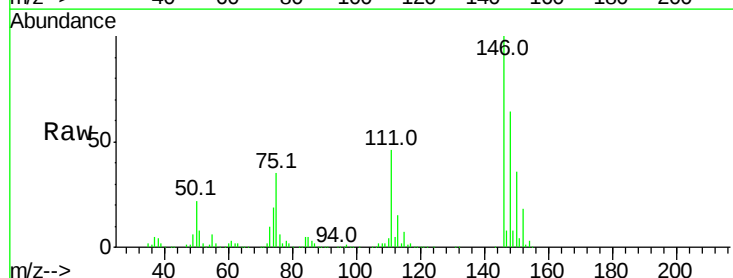
Tgt Ion:146 Resp: 408393

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

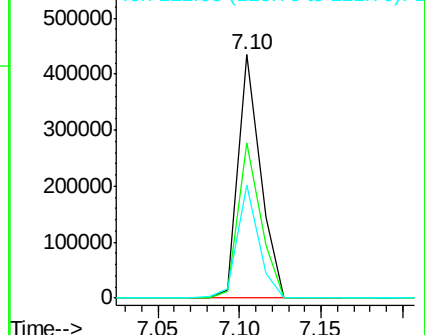
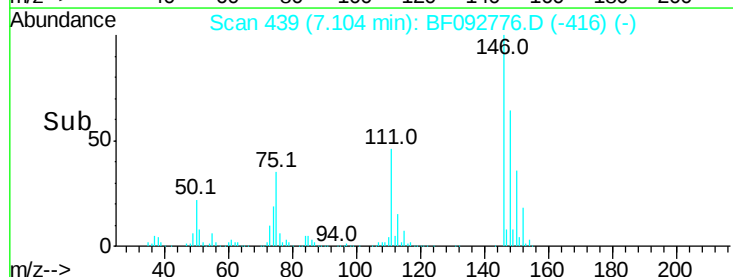
111 46.4 36.2 54.2

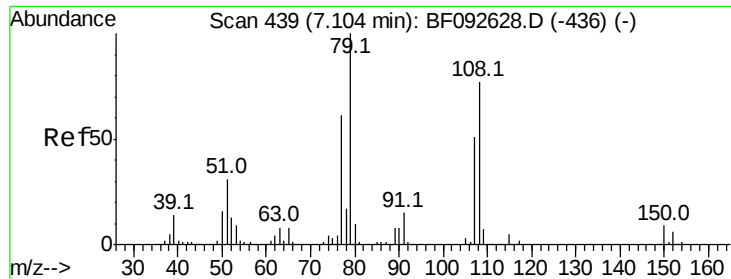


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

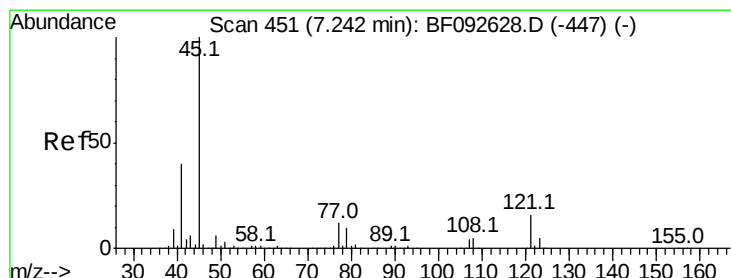
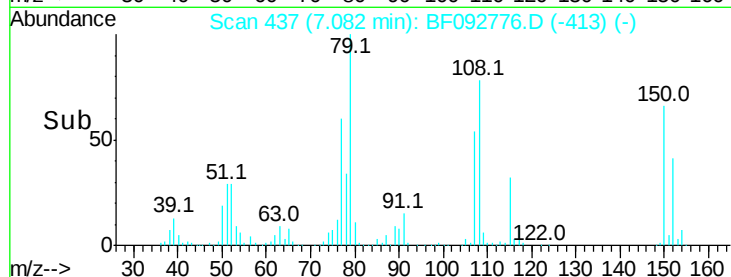
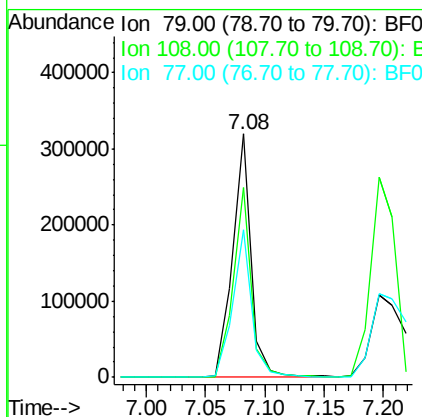
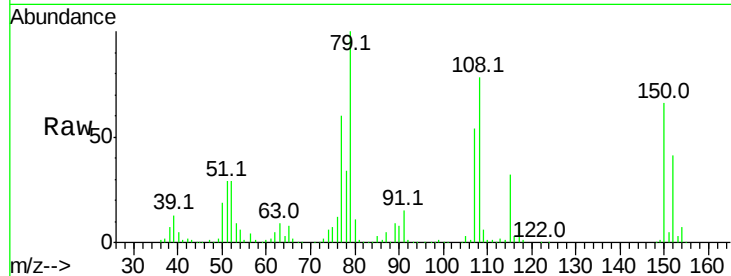




#15
Benzyl Alcohol
Concen: 44.27 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

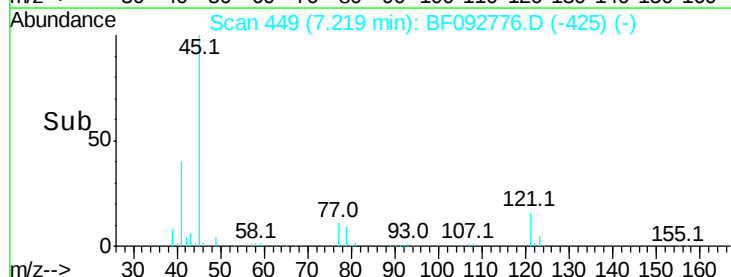
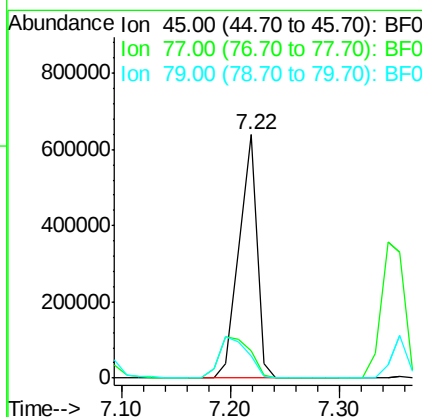
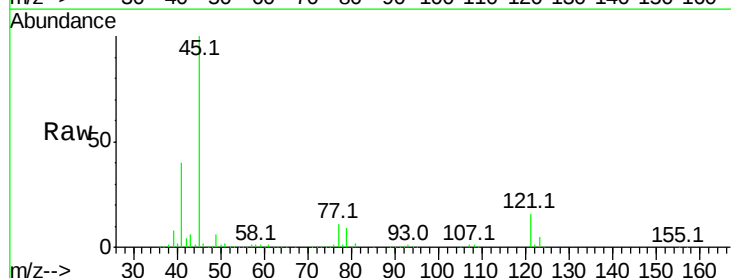
Instrument :
BNA_F
ClientSampleId :
RVE-7MS

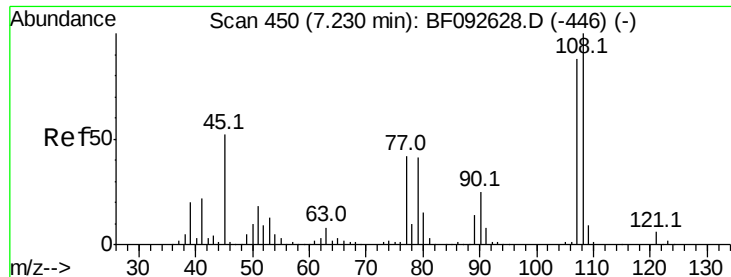
Tot Ion: 79 Resp: 347951
Ion Ratio Lower Upper
79 100
108 78.0 61.4 92.0
77 60.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.86 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

Tgt Ion: 45 Resp: 720892
Ion Ratio Lower Upper
45 100
77 11.4 0.0 34.6
79 9.1 0.0 31.2

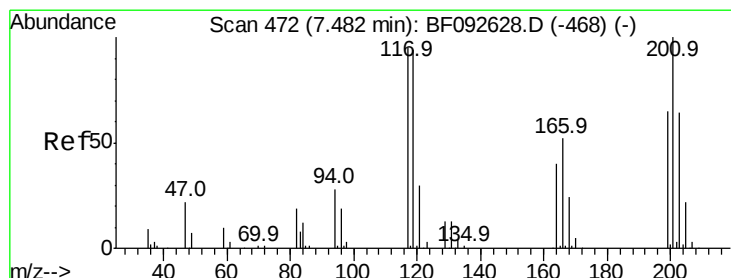
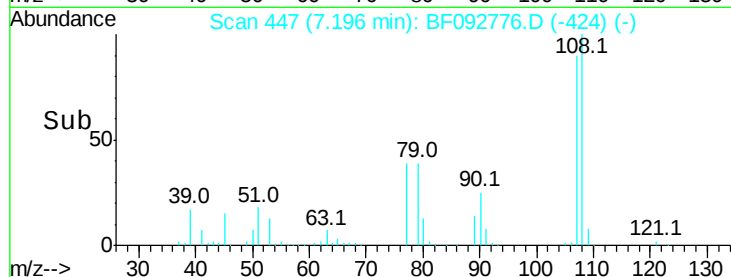
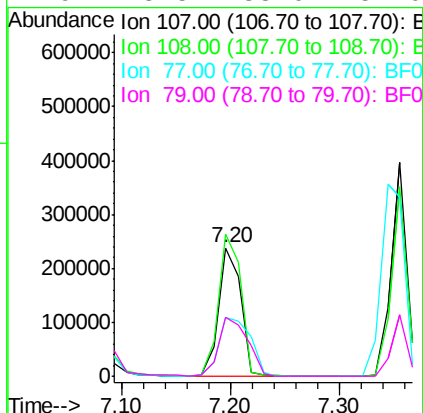
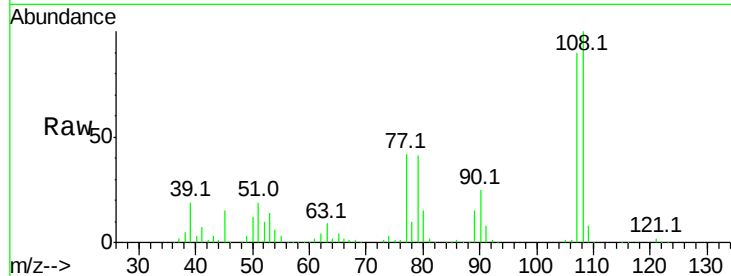




#17
 2-Methylphenol
 Concen: 43.08 ng
 RT: 7.20 min Scan# 447
 Delta R.T. -0.03 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

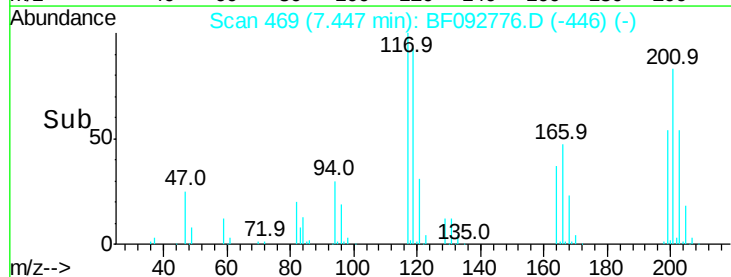
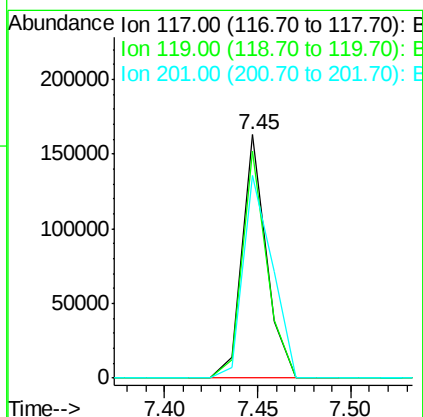
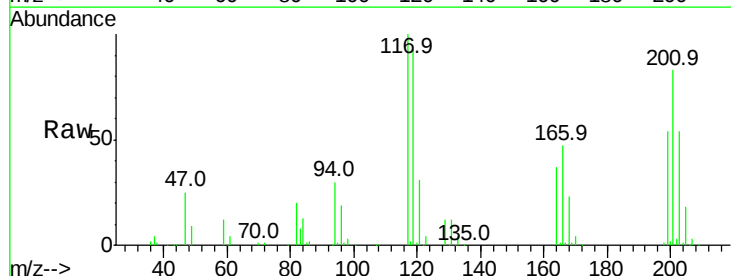
Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MS

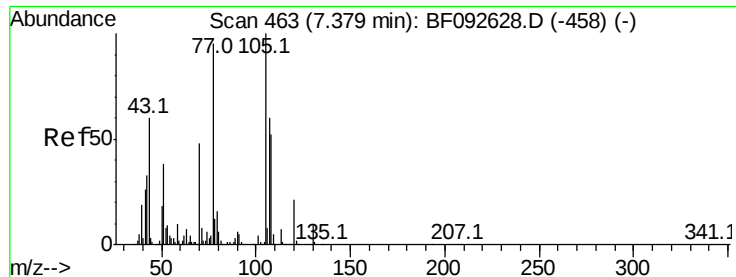
Tot Ion:	107	Resp:	336398
Ion	Ratio	Lower	Upper
107	100		
108	110.7	93.0	139.6
77	46.1	39.8	59.8
79	45.5	38.0	57.0



#18
 Hexachloroethane
 Concen: 40.11 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Tgt Ion:	117	Resp:	147721
Ion	Ratio	Lower	Upper
117	100		
119	93.4	78.1	117.1
201	83.3	78.6	117.8

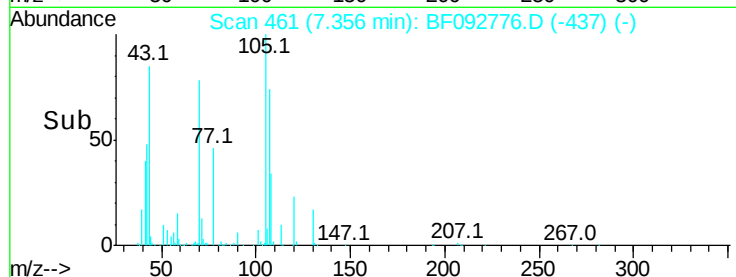
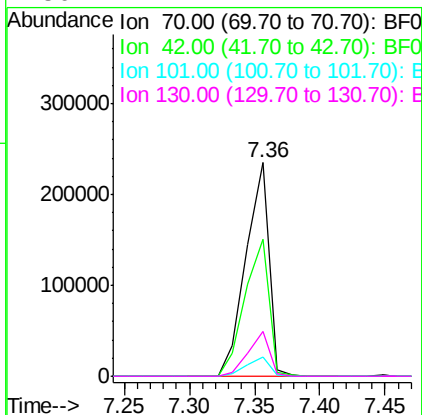
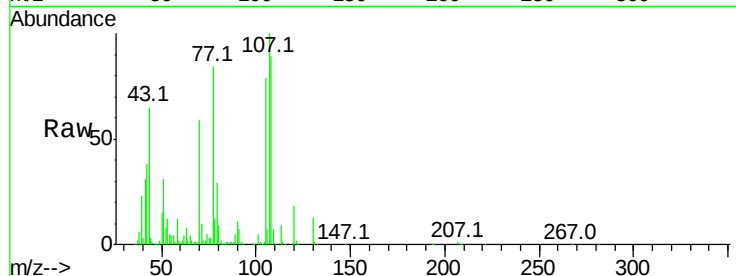




#19
n-Nitroso-di-n-propylamine
Concen: 42.86 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

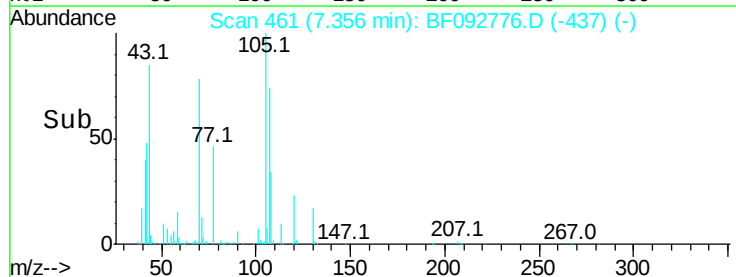
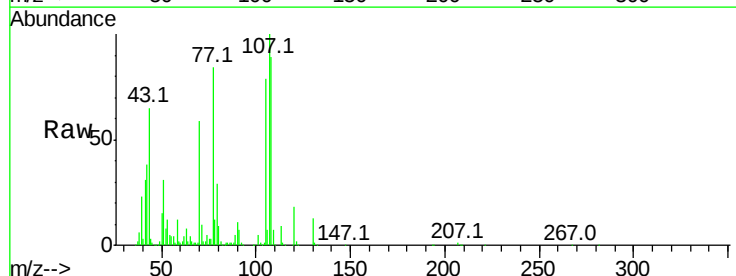
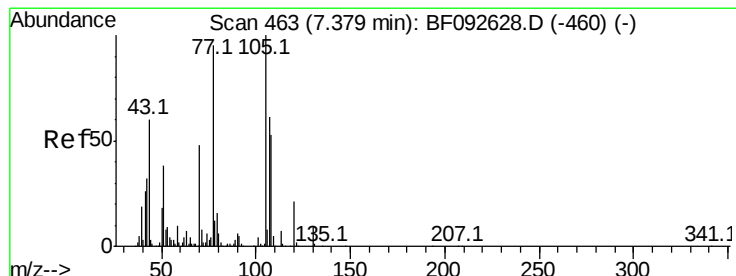
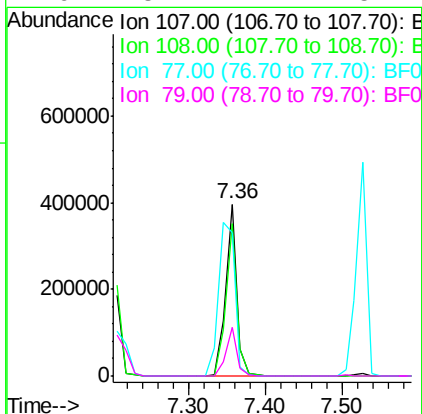
Instrument :
BNA_F
ClientSampleId :
RVE-7MS

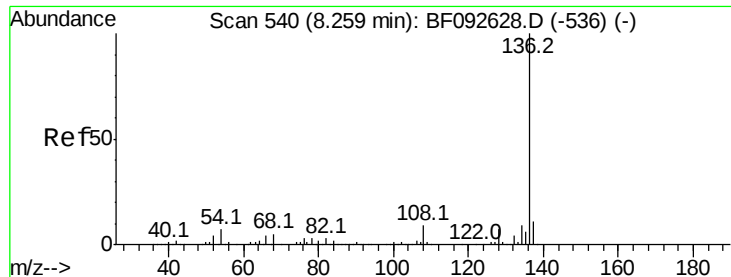
Tot Ion:	70	Resp:	289625
Ion	Ratio	Lower	Upper
70	100		
42	64.4	49.4	74.0
101	9.3	7.4	11.2
130	21.2	14.2	21.4



#20
3+4-Methylphenols
Concen: 44.28 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

Tgt Ion:	107	Resp:	413358
Ion	Ratio	Lower	Upper
107	100		
108	88.9	73.0	113.0
77	83.6	71.3	111.3
79	28.7	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: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampleId :

RVE-7MS

Tot Ion:136 Resp: 542148

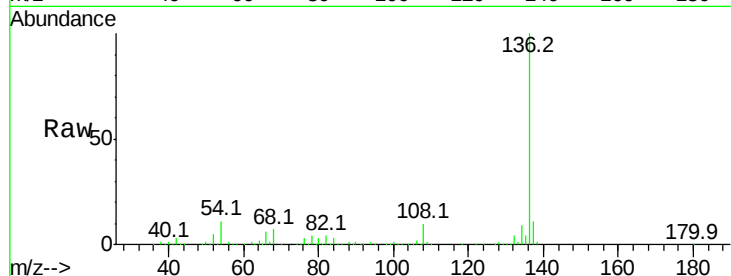
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.8 4.5 6.7#

68 7.2 3.6 5.4#

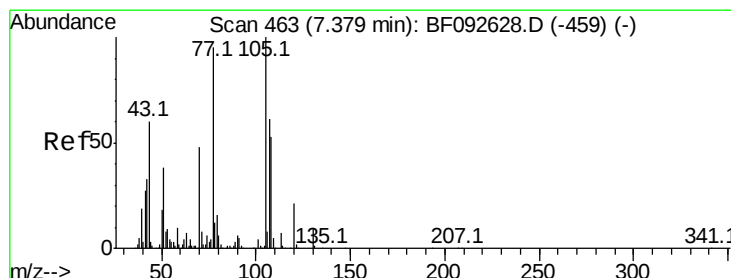
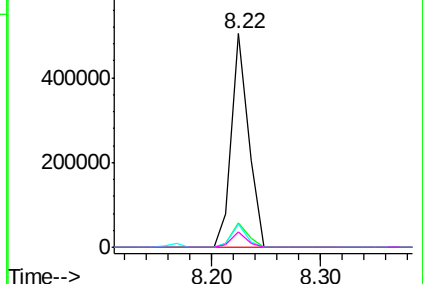
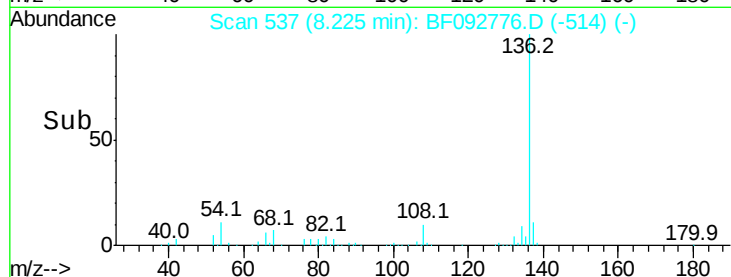


Abundance Ion 136.00 (135.70 to 136.70): E

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: 43.40 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.03 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Tgt Ion:105 Resp: 537174

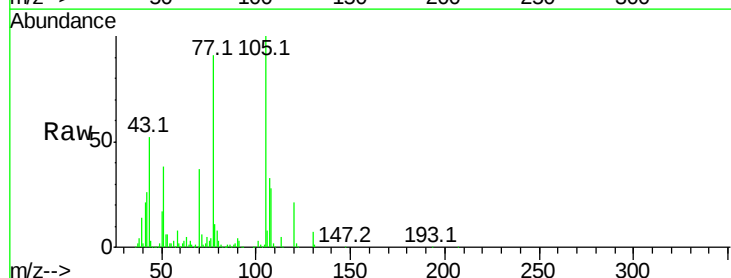
Ion Ratio Lower Upper

105 100

71 6.3 3.2 4.8#

51 37.6 26.2 39.4

120 20.7 16.6 24.8

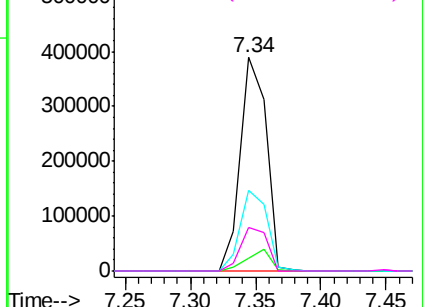
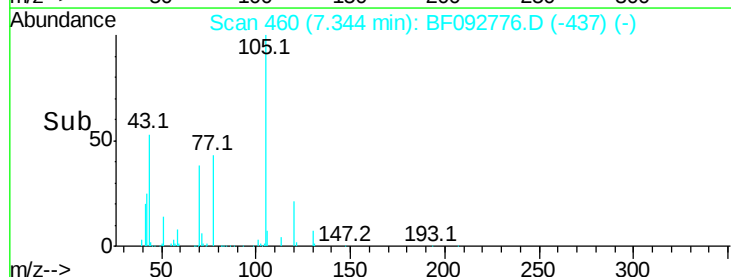


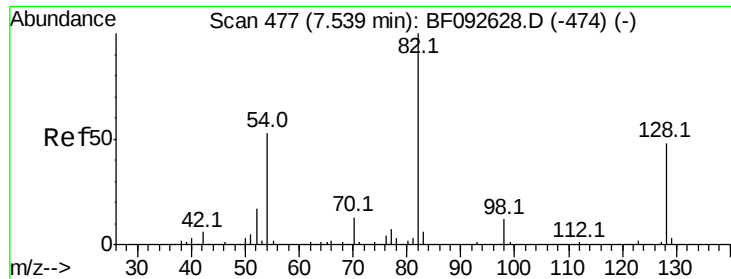
Abundance Ion 105.00 (104.70 to 105.70): E

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

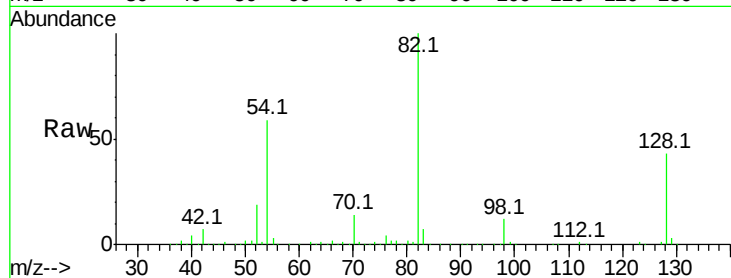




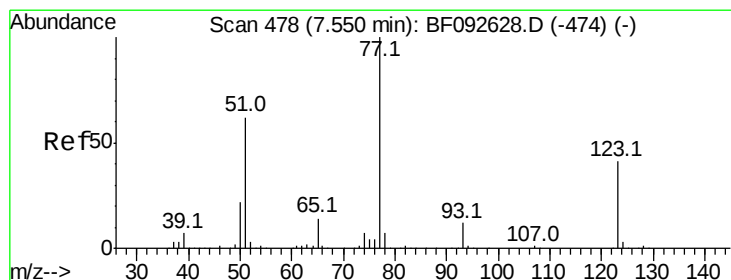
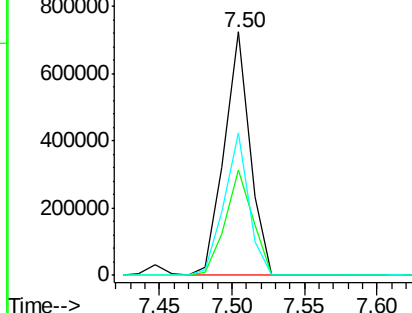
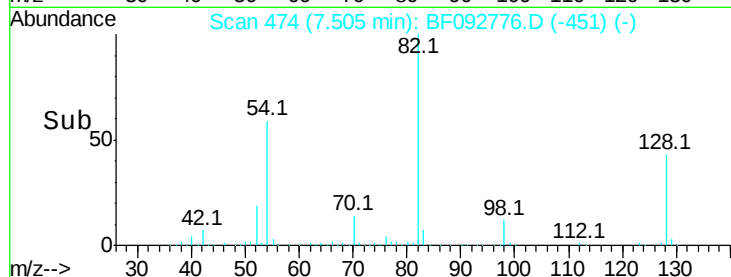
#23
 Nitrobenzene-d5
 Concen: 92.11 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MS

Tot Ion	82	Resp	896766
Ion Ratio	100	Lower	Upper
128	43.3	34.6	52.0
54	58.5	39.5	59.3

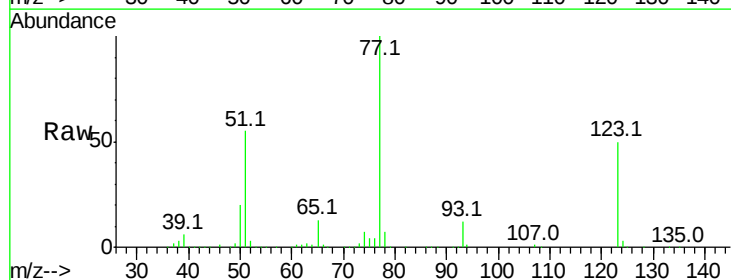


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

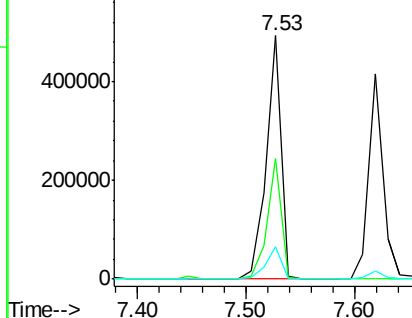
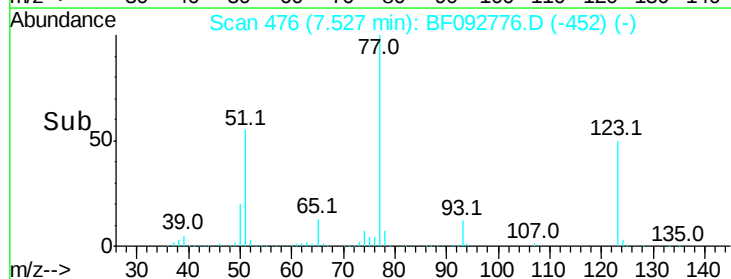


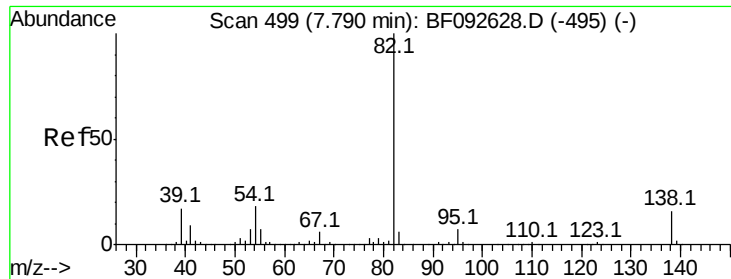
#24
 Nitrobenzene
 Concen: 47.57 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.02 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Tgt Ion	77	Resp	475553
Ion Ratio	100	Lower	Upper
123	49.6	33.0	49.4#
65	13.5	11.2	16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.36 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampleId :

RVE-7MS

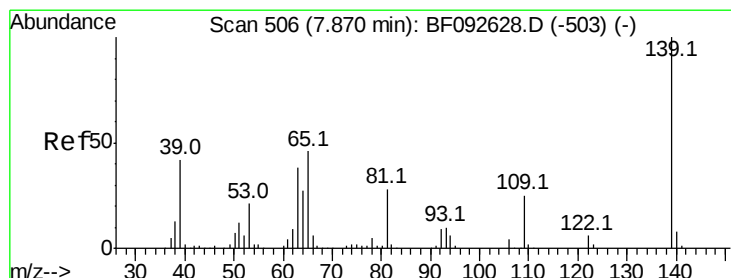
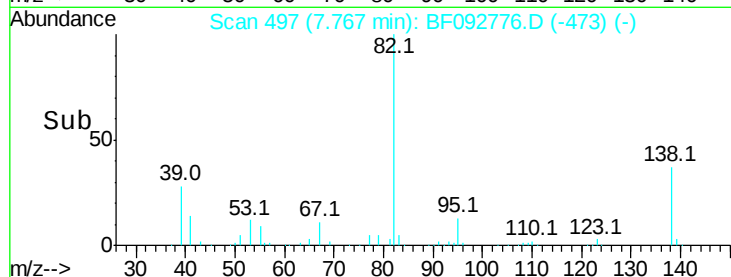
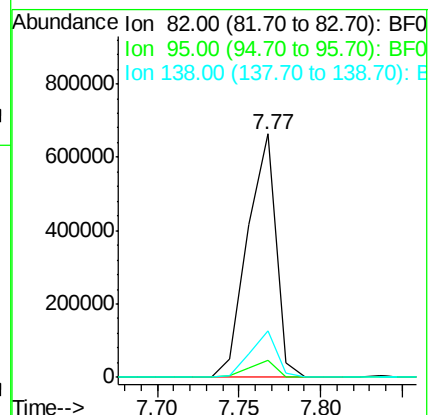
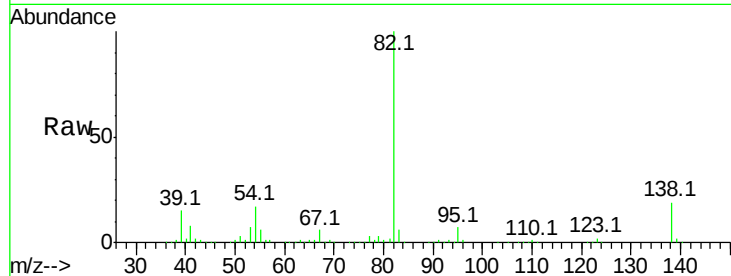
Tot Ion: 82 Resp: 804717

Ion Ratio Lower Upper

82 100

95 6.8 5.6 8.4

138 18.9 14.6 22.0



#26

2-Nitrophenol

Concen: 46.24 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

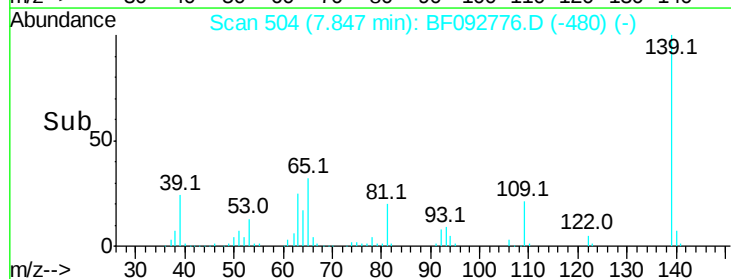
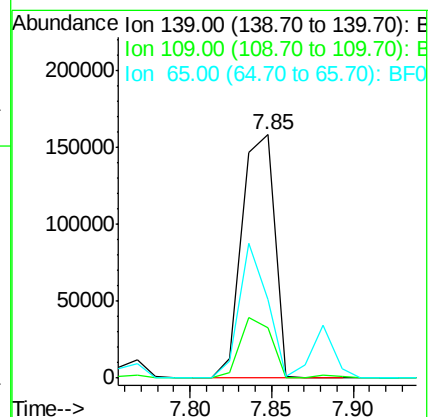
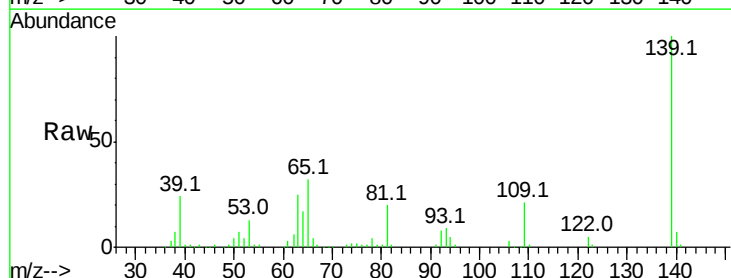
Tgt Ion: 139 Resp: 219719

Ion Ratio Lower Upper

139 100

109 20.7 23.3 34.9#

65 32.1 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 42.26 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampleId :

RVE-7MS

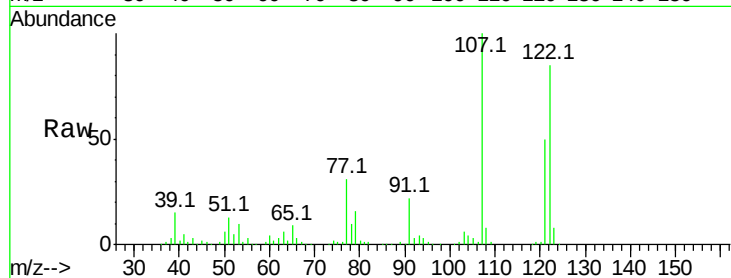
Tot Ion:122 Resp: 352699

Ion Ratio Lower Upper

122 100

107 117.4 94.1 141.1

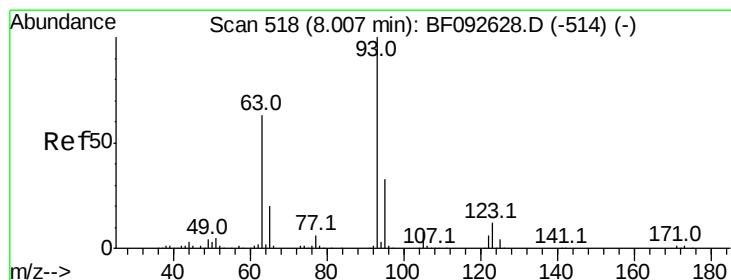
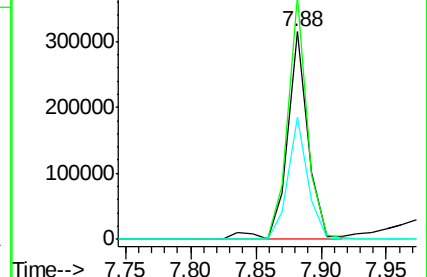
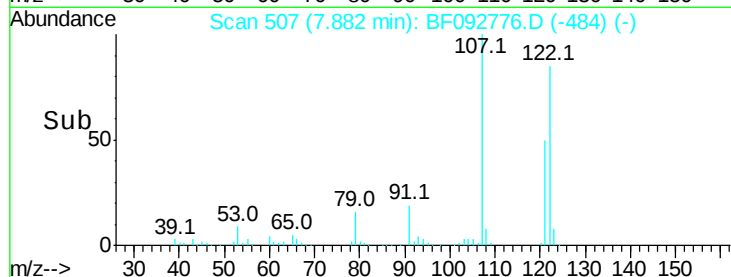
121 59.0 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.44 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.03 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

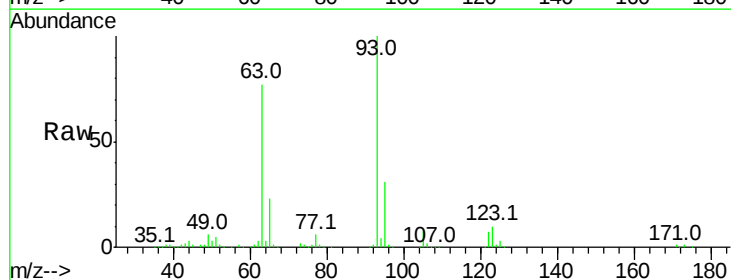
Tgt Ion: 93 Resp: 473821

Ion Ratio Lower Upper

93 100

95 31.3 26.5 39.7

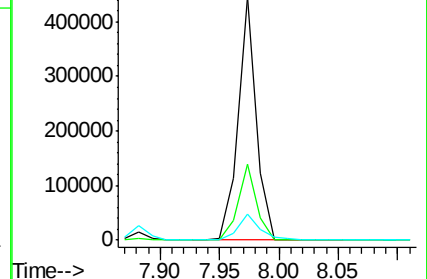
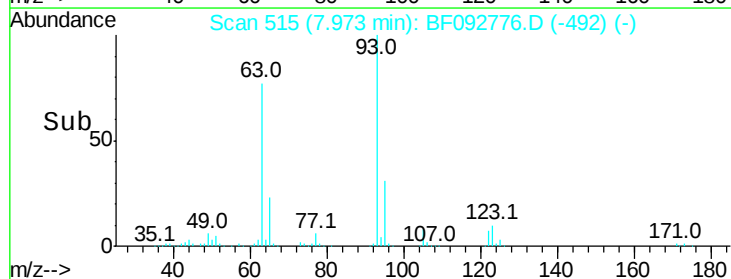
123 10.5 8.6 13.0

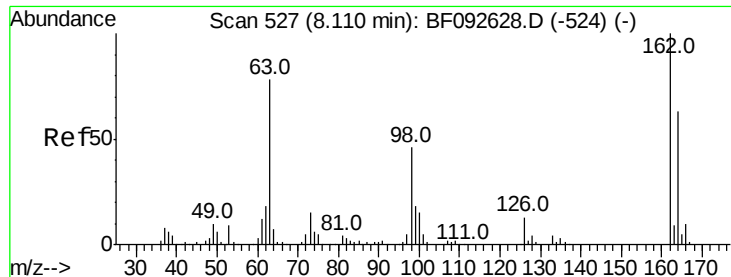


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

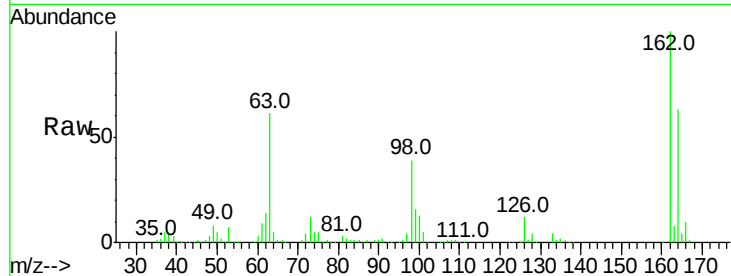




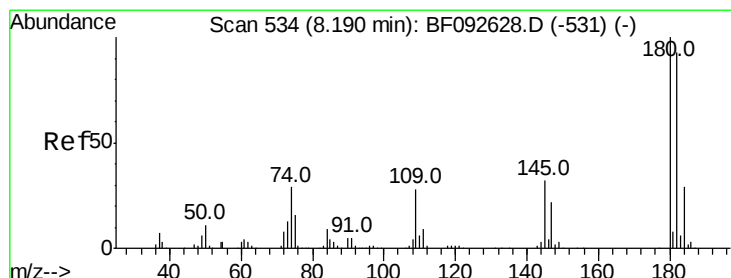
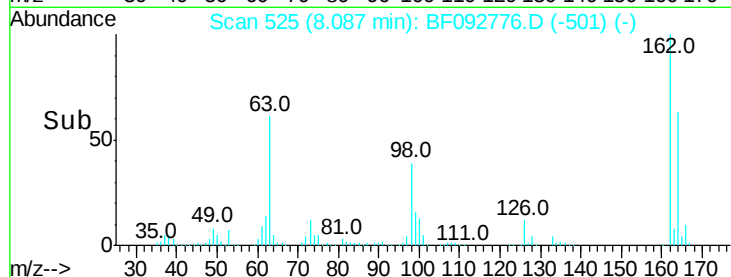
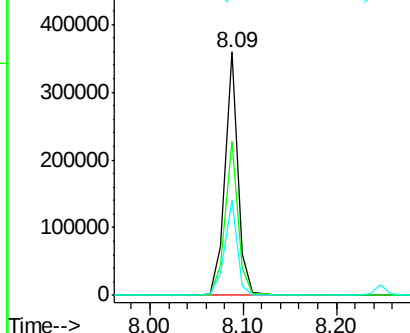
#29
 2,4-Dichlorophenol
 Concen: 44.58 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.02 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	46.8	86.8
98	39.2	9.1	49.1

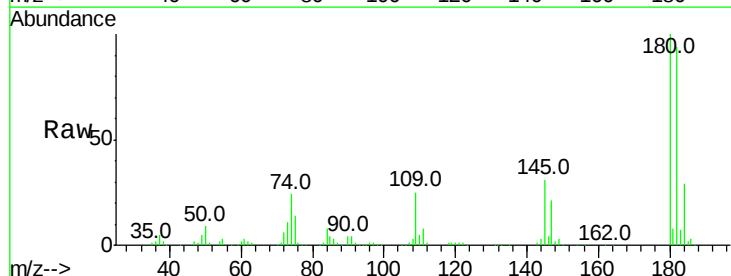


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

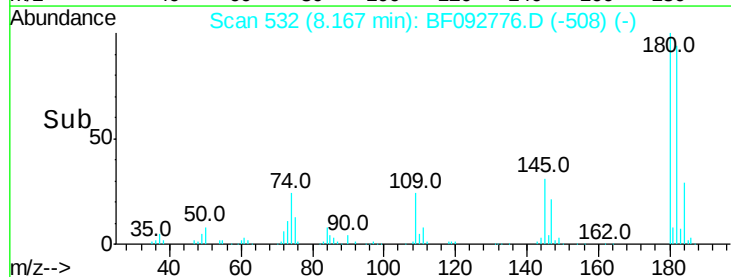
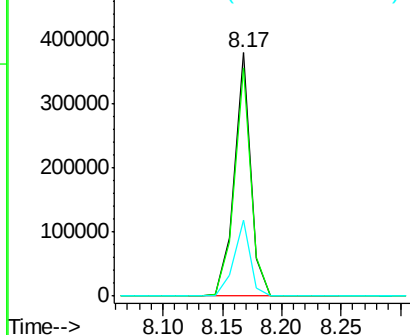


#30
 1,2,4-Trichlorobenzene
 Concen: 43.68 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	78.2	117.4
145	31.2	21.6	32.4



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





#31

Naphthalene

Concen: 39.81 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.03 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampleId :

RVE-7MS

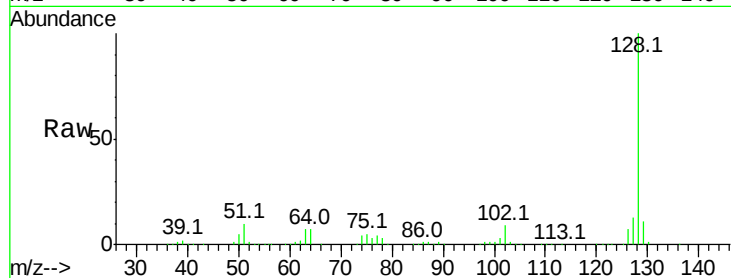
Tot Ion:128 Resp: 1094019

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

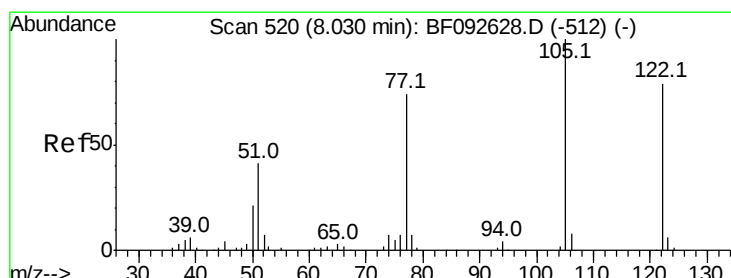
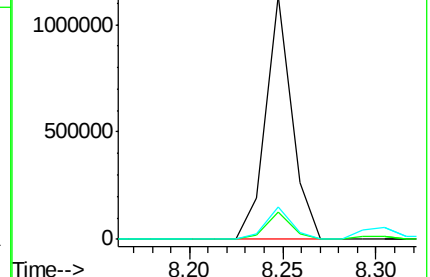
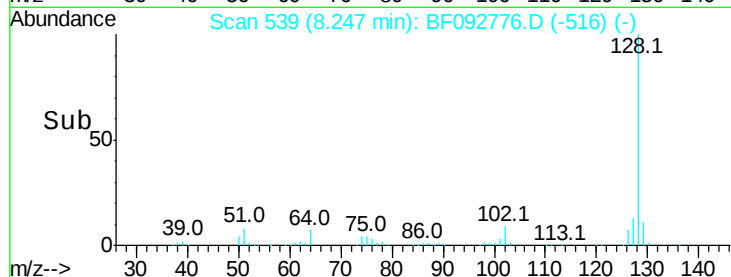
127 13.3 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.98 ng

RT: 8.00 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

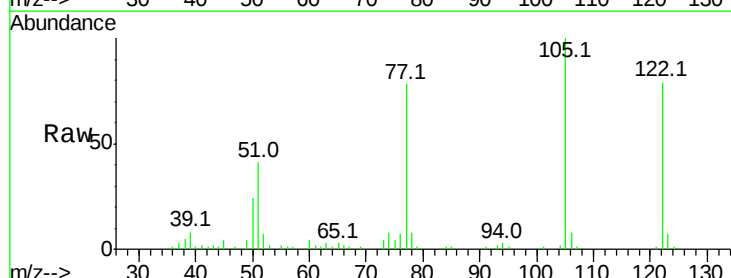
Tgt Ion:122 Resp: 160177

Ion Ratio Lower Upper

122 100

105 125.8 107.2 147.2

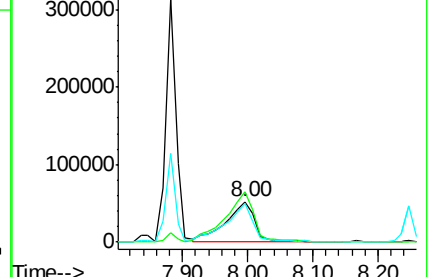
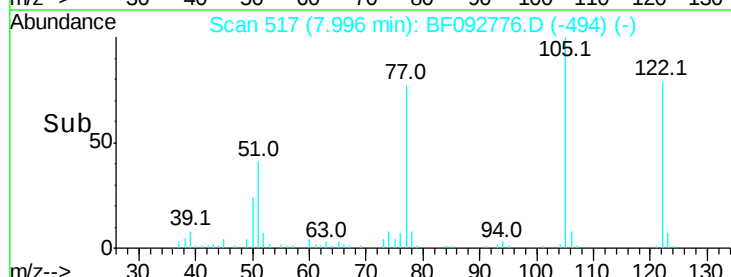
77 97.7 74.5 114.5

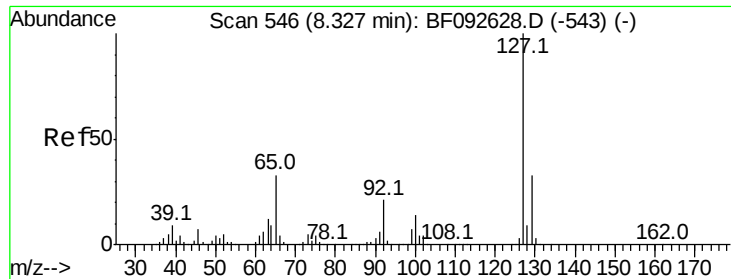


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

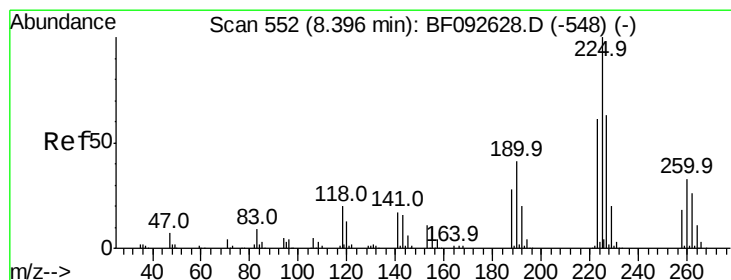
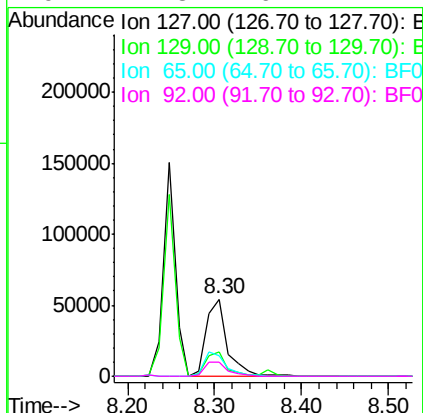
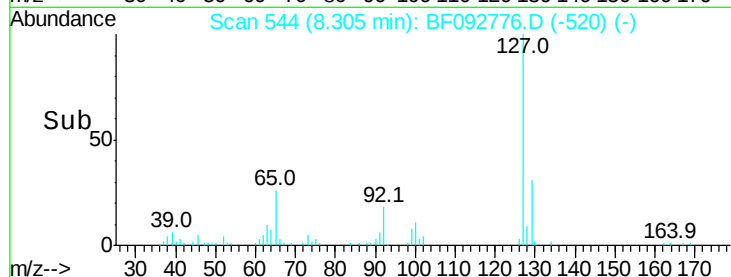
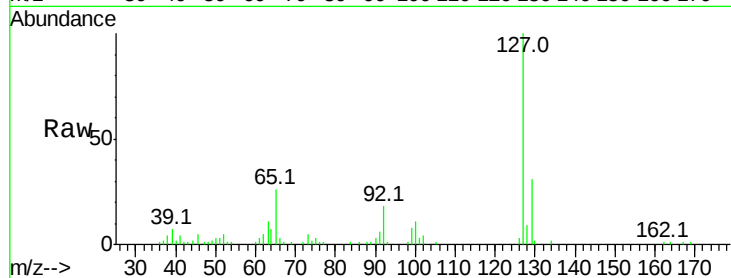




#33
4-Chloroaniline
Concen: 8.59 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

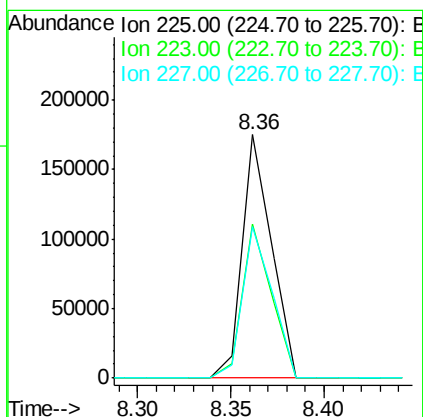
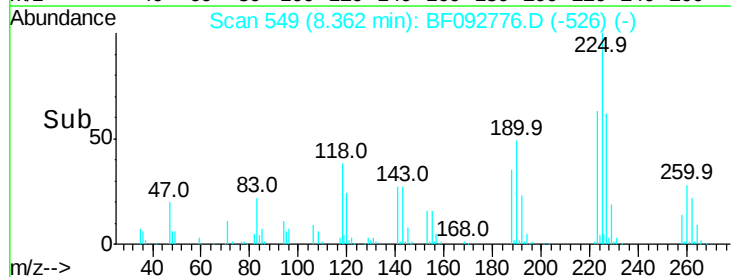
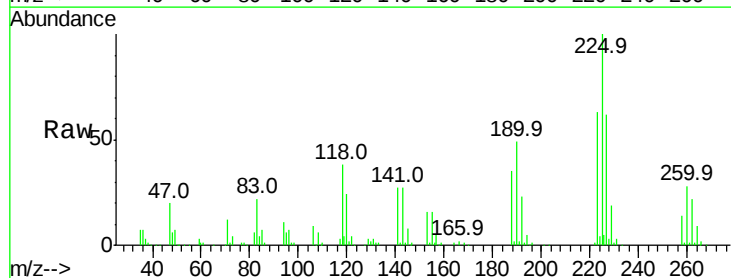
Instrument :
BNA_F
ClientSampleId :
RVE-7MS

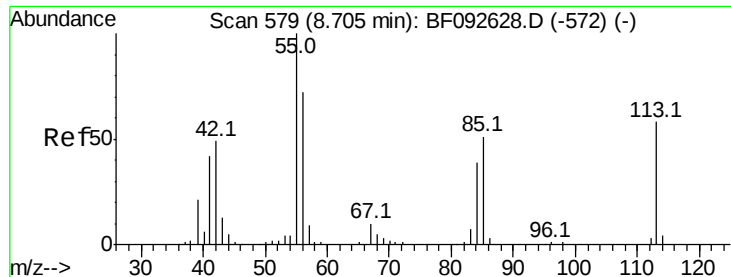
Tot Ion:	127	Resp:	92595
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.3	39.5
65	26.5	25.8	38.8
92	17.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 41.16 ng
RT: 8.36 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

Tgt Ion:	225	Resp:	189939
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.6
227	62.0	50.6	76.0

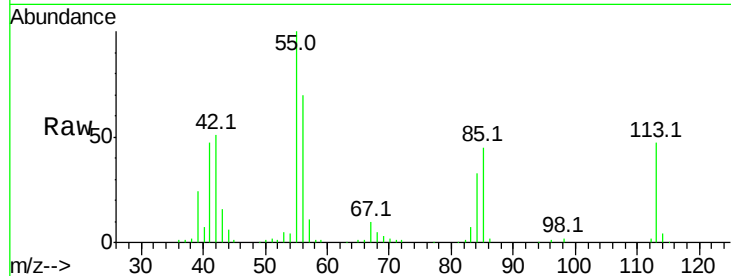




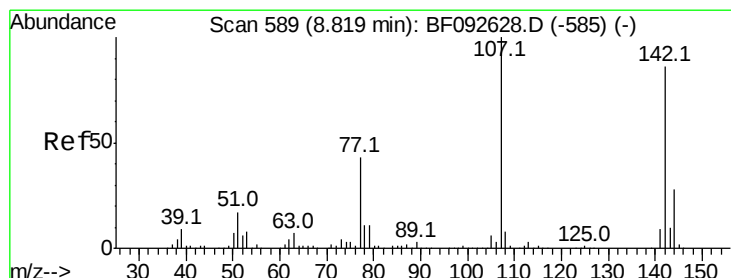
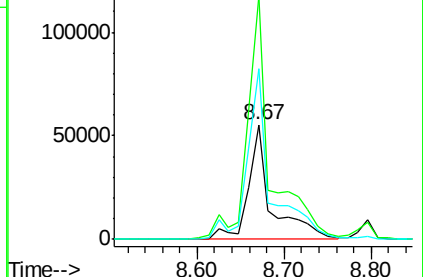
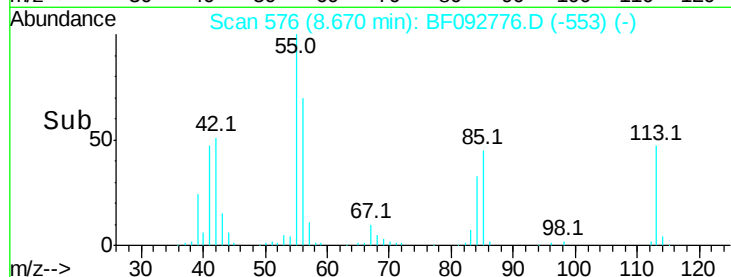
#35
 Caprolactam
 Concen: 41.67 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MS

Tot Ion:113 Resp: 102012
 Ion Ratio Lower Upper
 113 100
 55 212.0 119.2 159.2#
 56 148.1 83.8 123.8#

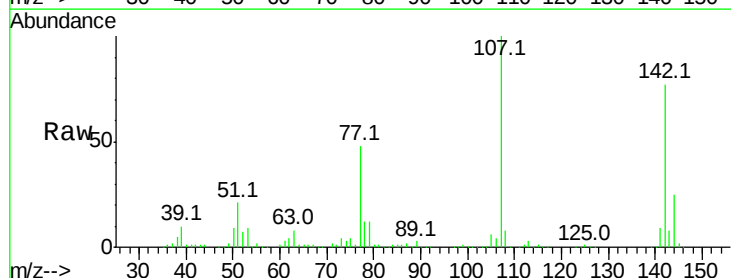


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

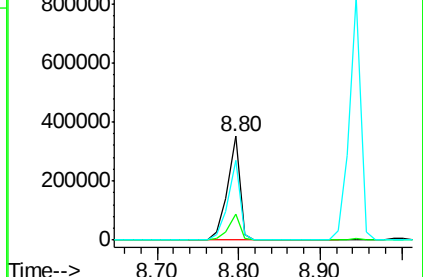
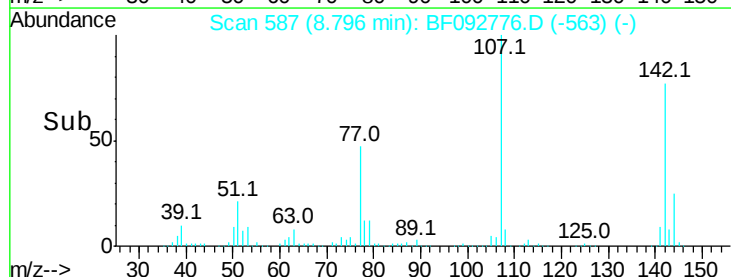


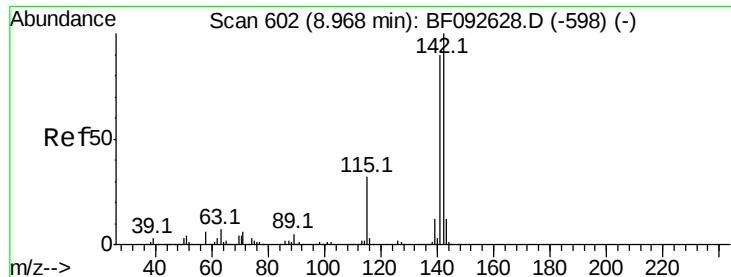
#36
 4-Chloro-3-methylphenol
 Concen: 46.31 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Tgt Ion:107 Resp: 375809
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.3 28.9
 142 77.3 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.59 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.02 min

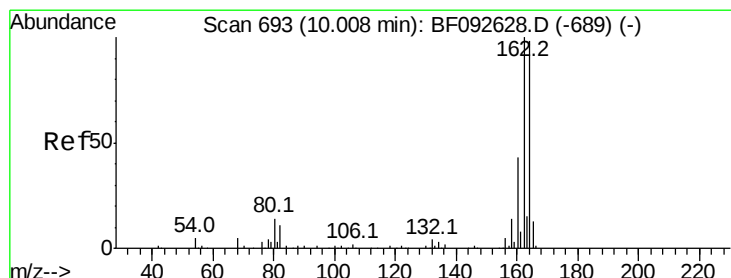
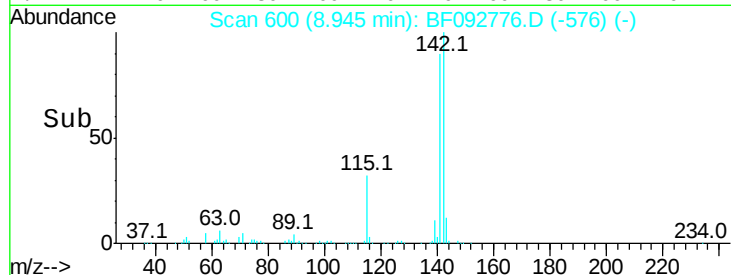
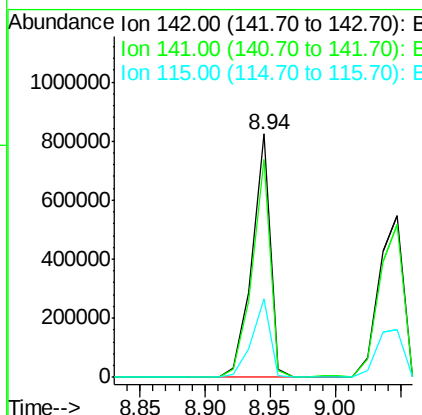
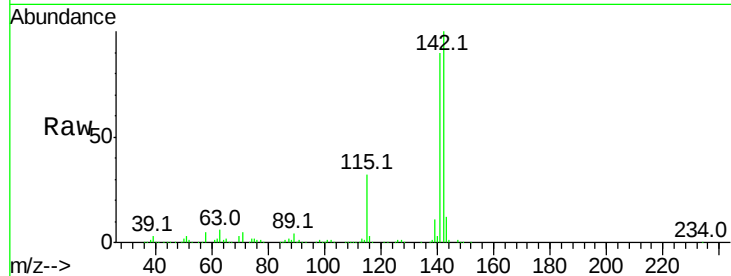
Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :
BNA_F
ClientSampleId :
RVE-7MS

Tot Ion:142 Resp: 804436

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	32.1	28.3	42.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 691

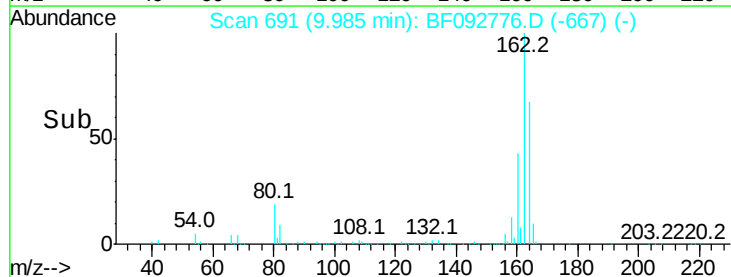
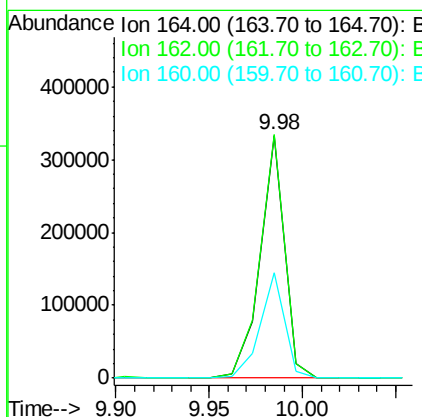
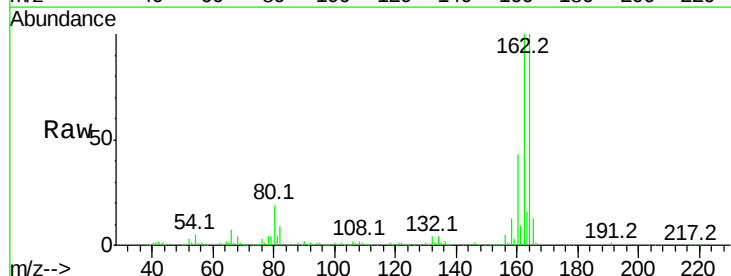
Delta R.T. -0.02 min

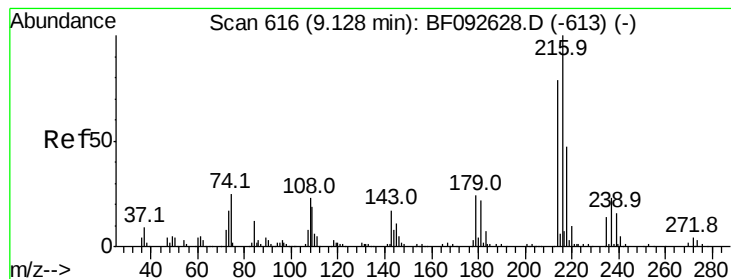
Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Tgt Ion:164 Resp: 300322

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.2
160	43.2	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.52 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampleId :

RVE-7MS

Tot Ion:216 Resp: 324772

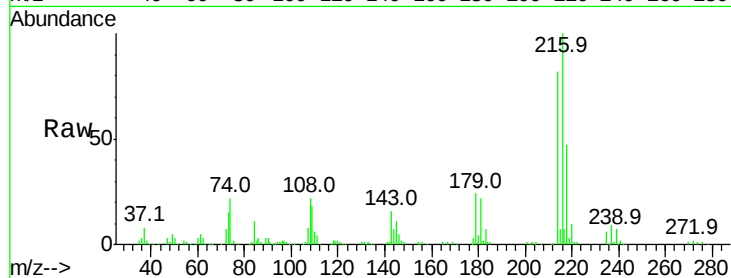
Ion Ratio Lower Upper

216 100

214 80.5 63.4 95.0

179 21.4 17.4 26.2

108 19.0 15.6 23.4

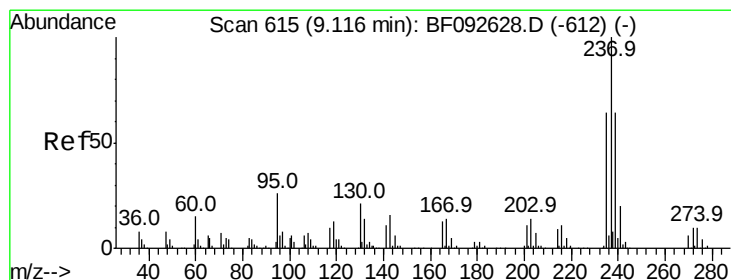
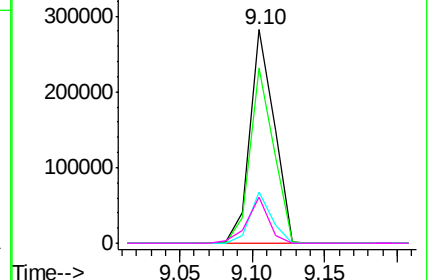
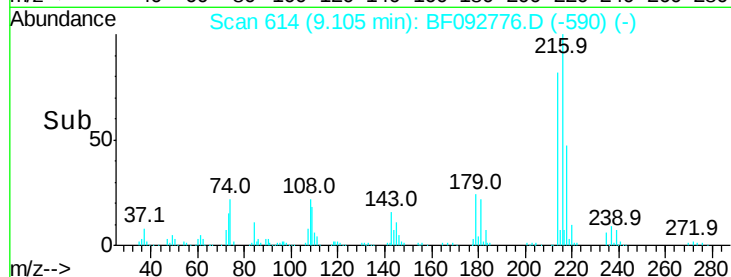


Abundance Ion 216.00 (215.70 to 216.70): E

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: 46.76 ng

RT: 9.09 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

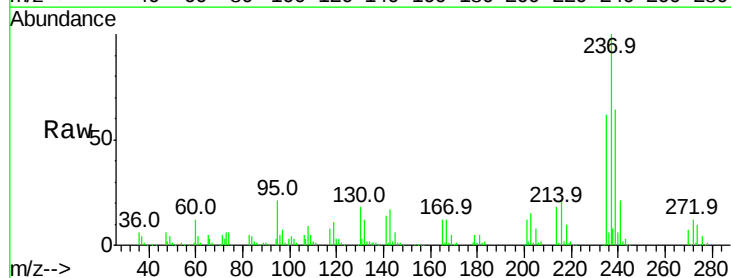
Tgt Ion:237 Resp: 177843

Ion Ratio Lower Upper

237 100

235 62.3 41.2 81.2

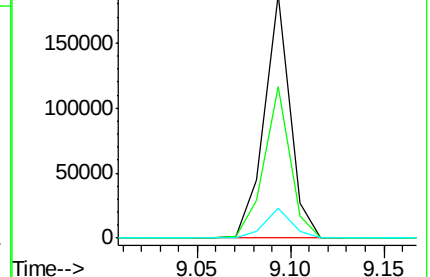
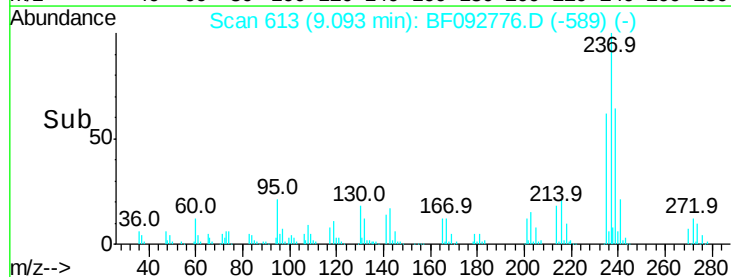
272 12.3 0.0 35.4

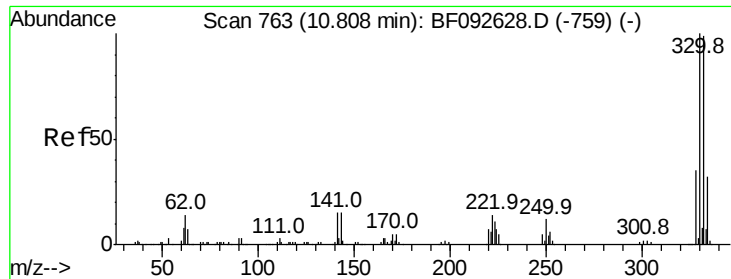


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

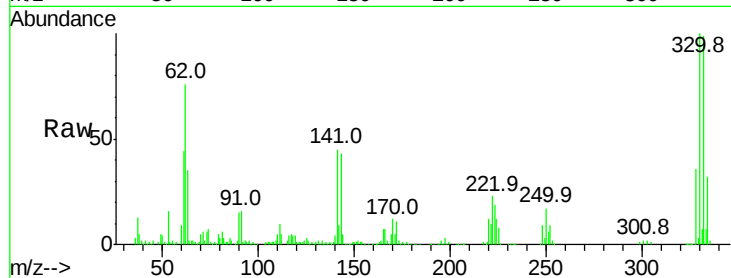




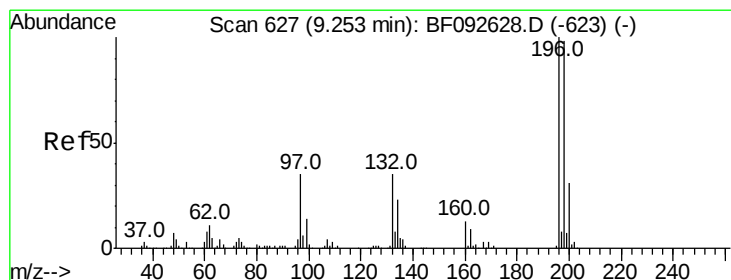
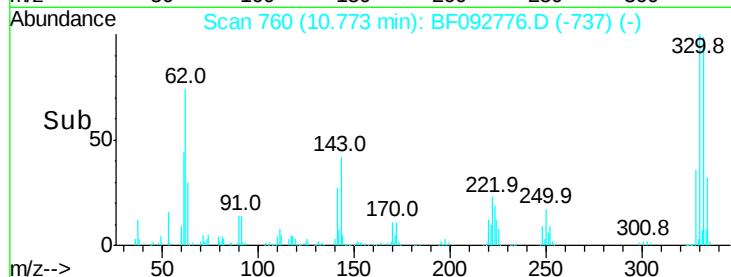
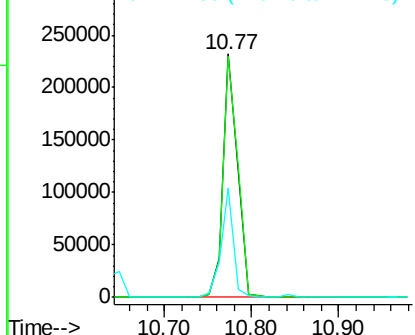
#41
 2,4,6-Tribromophenol
 Concen: 126.01 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MS

Tot Ion:330 Resp: 273712
 Ion Ratio Lower Upper
 330 100
 332 100.2 77.4 116.2
 141 38.0 34.1 51.1

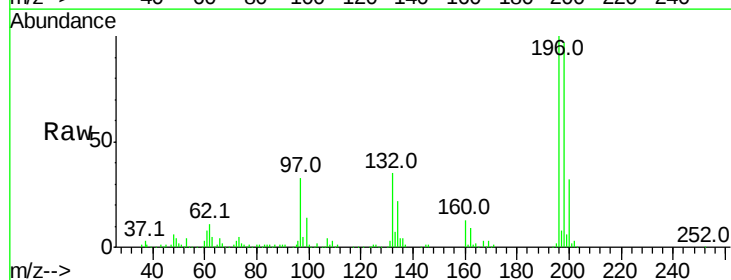


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

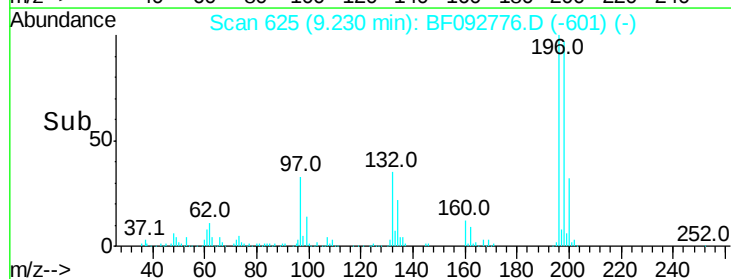
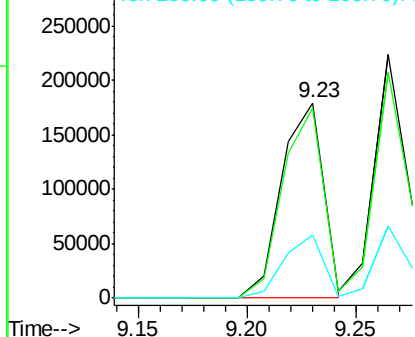


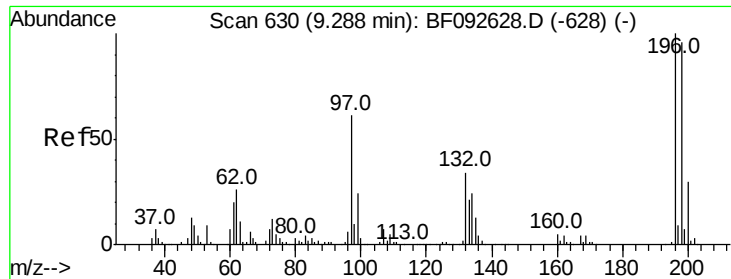
#42
 2,4,6-Trichlorophenol
 Concen: 43.36 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Tgt Ion:196 Resp: 240177
 Ion Ratio Lower Upper
 196 100
 198 97.4 82.1 123.1
 200 32.0 27.0 40.4



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

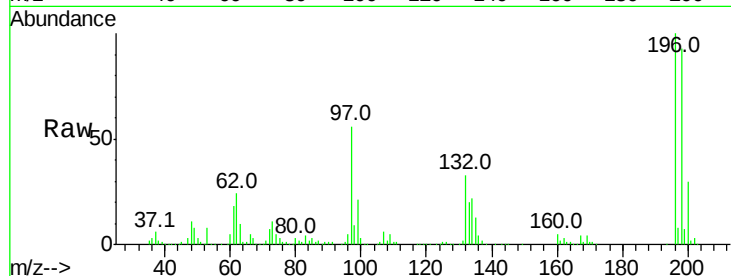




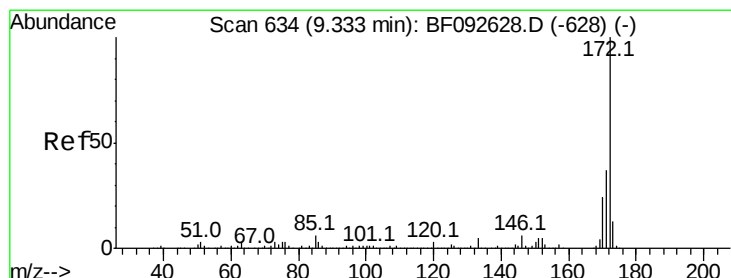
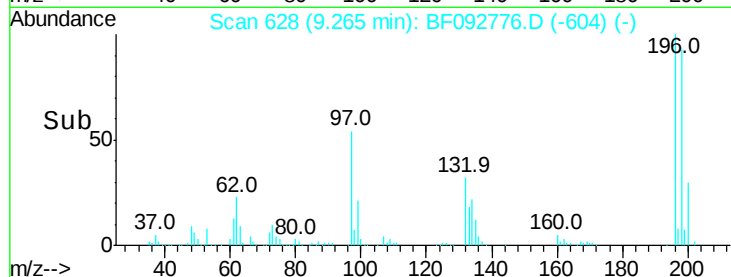
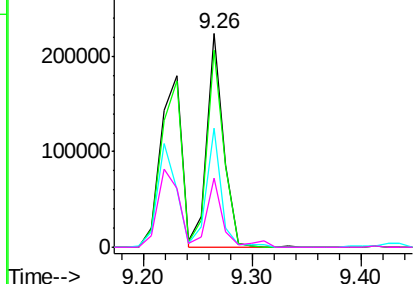
#43
 2,4,5-Trichlorophenol
 Concen: 39.55 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MS

Tot Ion:196 Resp: 240017
 Ion Ratio Lower Upper
 196 100
 198 92.5 79.4 119.2
 97 55.5 51.5 77.3
 132 32.5 27.4 41.2

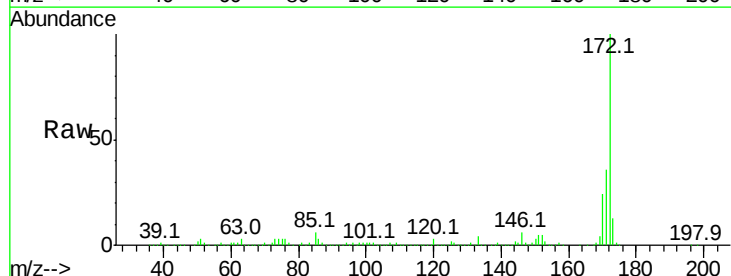


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

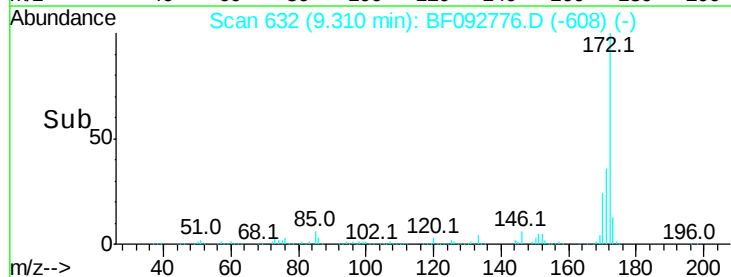
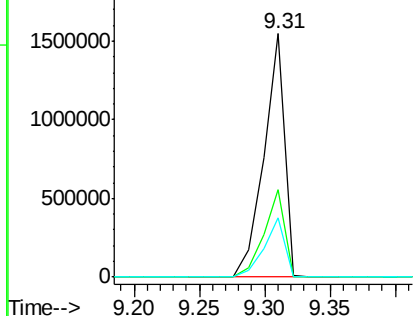


#44
 2-Fluorobiphenyl
 Concen: 103.60 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Tgt Ion:172 Resp: 1717452
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.2 20.2 30.4



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

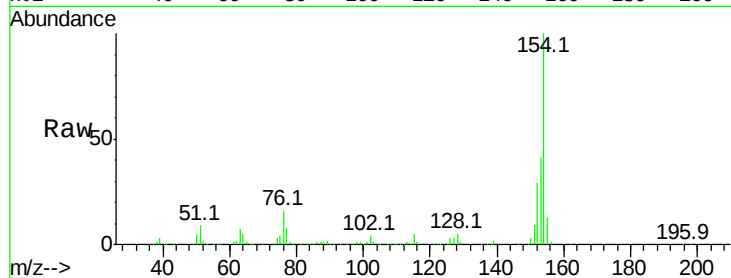




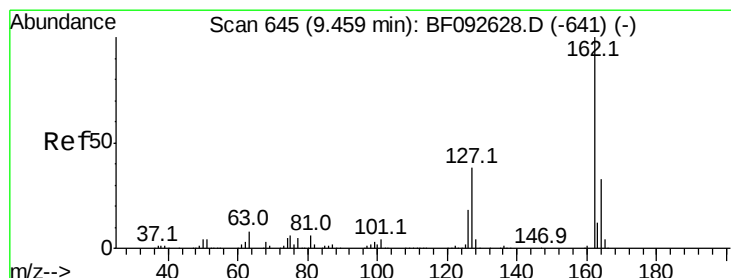
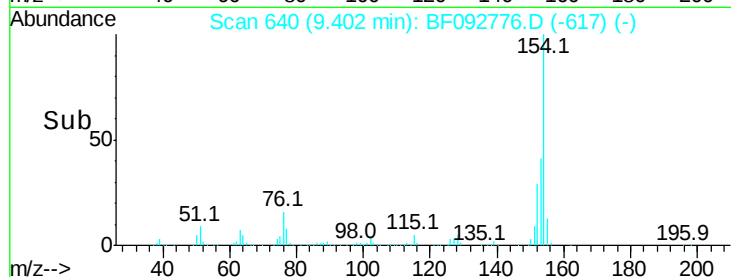
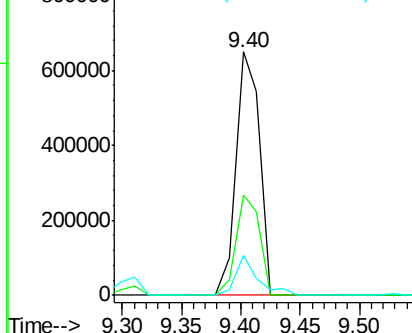
#45
 1,1'-Biphenyl
 Concen: 40.98 ng
 RT: 9.40 min Scan# 640
 Delta R.T. -0.03 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MS

Tot Ion:154 Resp: 891173
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.9 60.9
 76 16.3 0.0 30.5

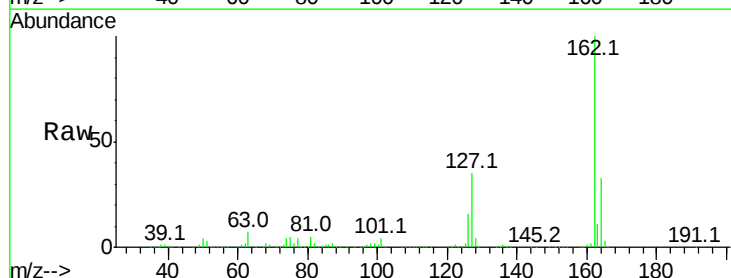


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): E

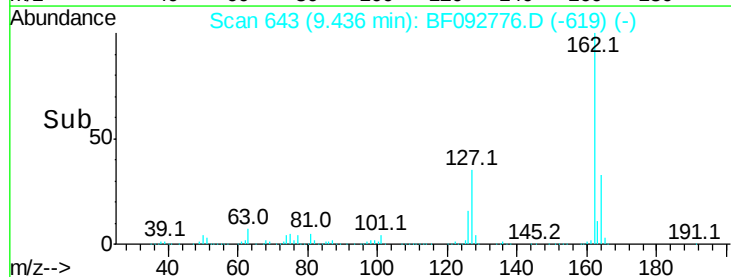
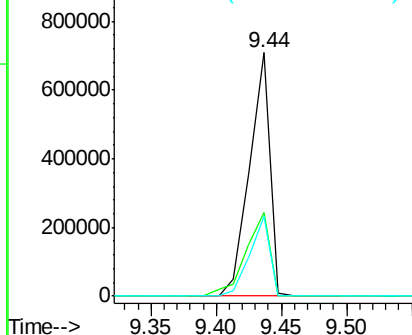


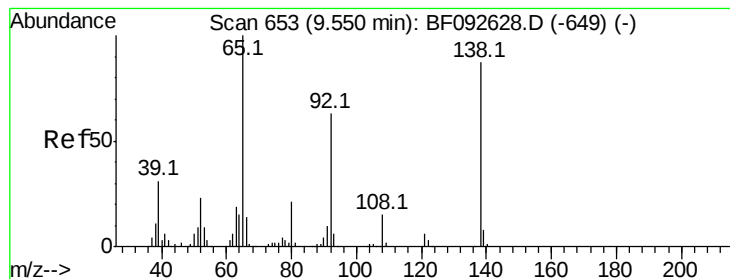
#46
 2-Chloronaphthalene
 Concen: 45.31 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.02 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Tgt Ion:162 Resp: 770781
 Ion Ratio Lower Upper
 162 100
 127 34.5 30.7 46.1
 164 32.8 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: 37.13 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampleId :

RVE-7MS

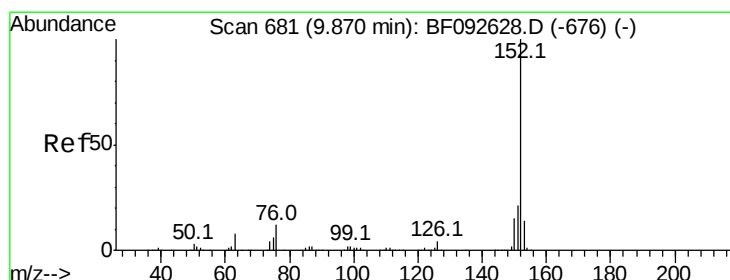
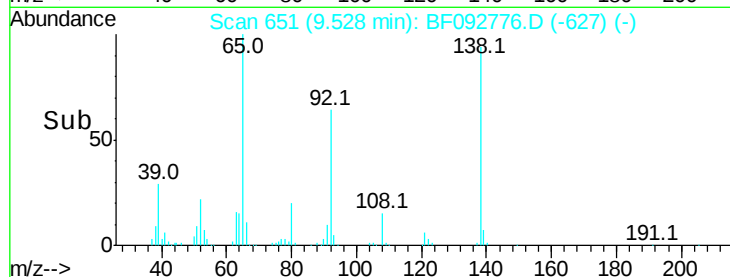
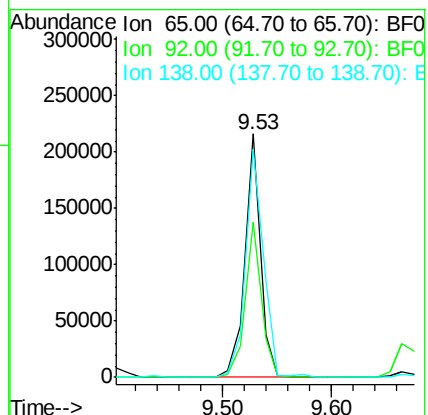
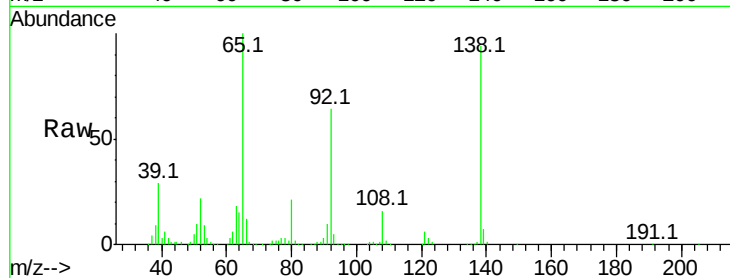
Tot Ion: 65 Resp: 212357

Ion Ratio Lower Upper

65 100

92 64.0 53.9 80.9

138 93.7 76.8 115.2



#48

Acenaphthylene

Concen: 38.04 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

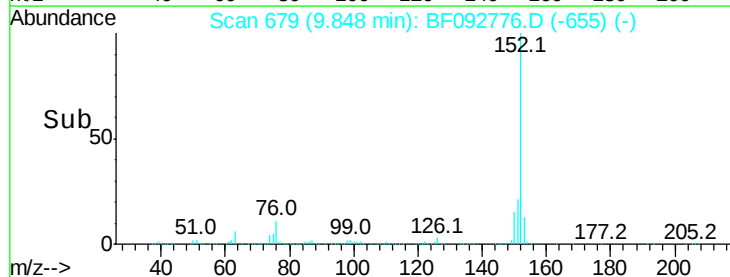
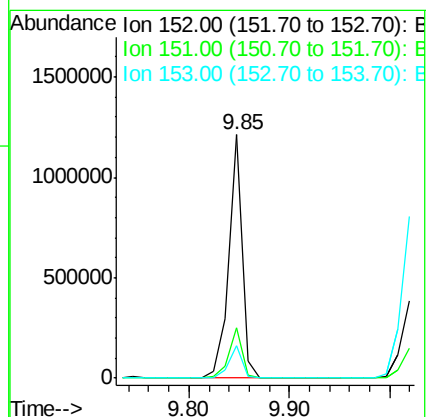
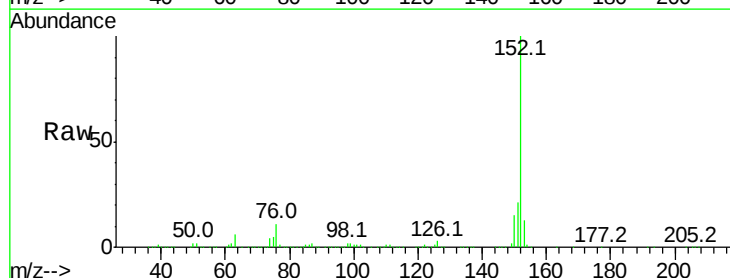
Tgt Ion: 152 Resp: 1117939

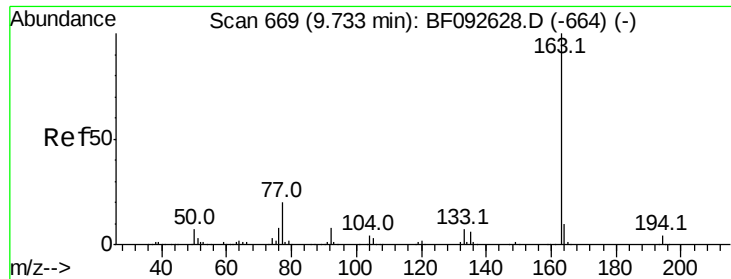
Ion Ratio Lower Upper

152 100

151 20.7 16.9 25.3

153 13.2 11.4 17.2

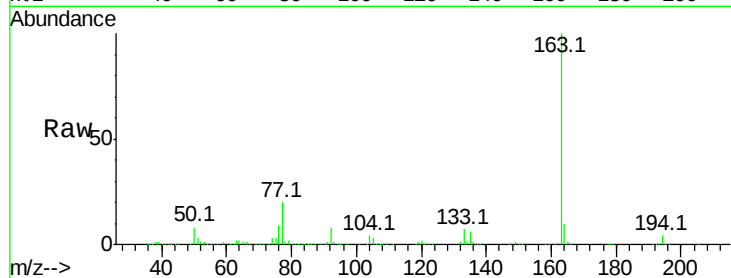




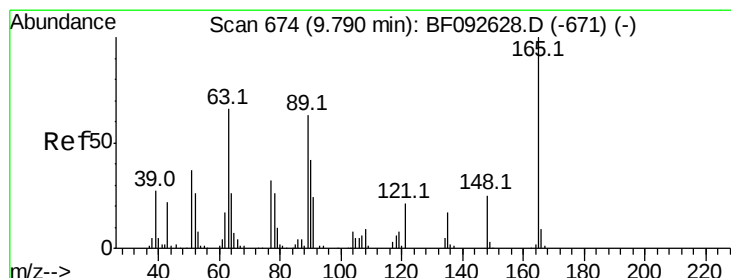
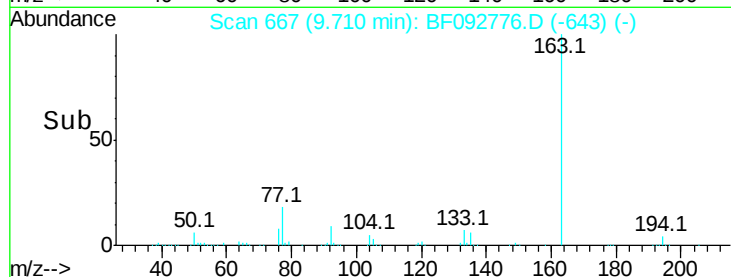
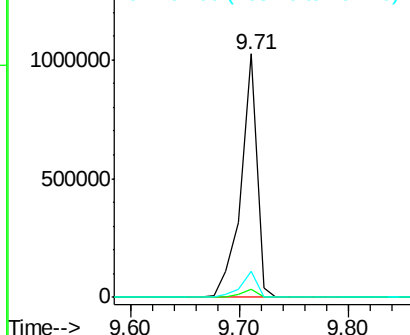
#49
Dimethylphthalate
Concen: 50.78 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

Instrument :
BNA_F
ClientSampled :
RVE-7MS

Tot Ion:163 Resp: 1027186
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.5 8.0 12.0

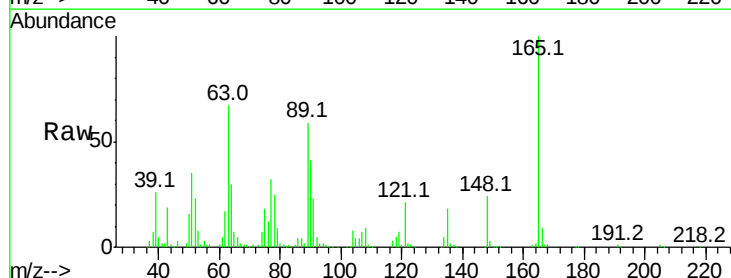


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

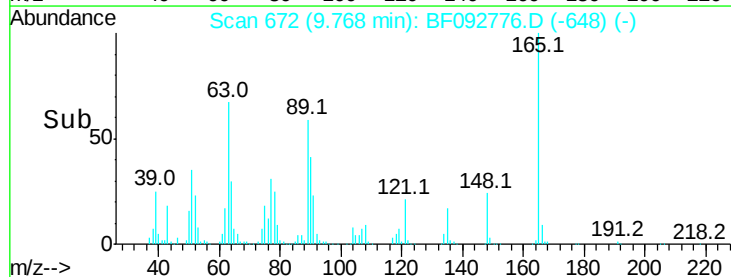
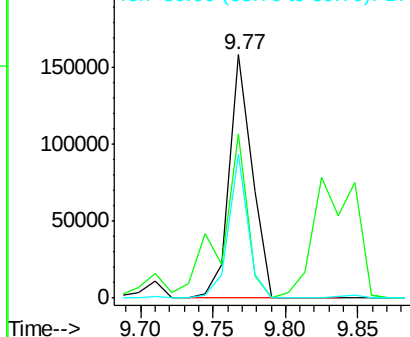


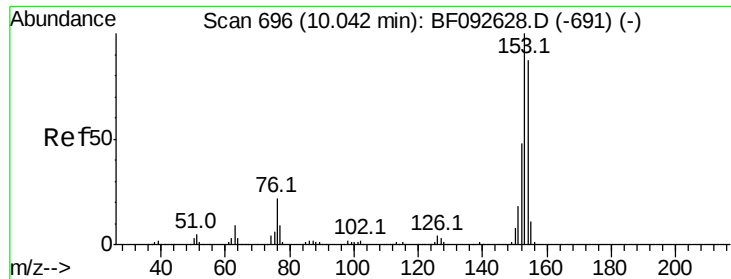
#50
2,6-Dinitrotoluene
Concen: 39.97 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

Tgt Ion:165 Resp: 174633
Ion Ratio Lower Upper
165 100
63 67.5 36.2 54.4#
89 59.0 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: 40.66 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampleId :

RVE-7MS

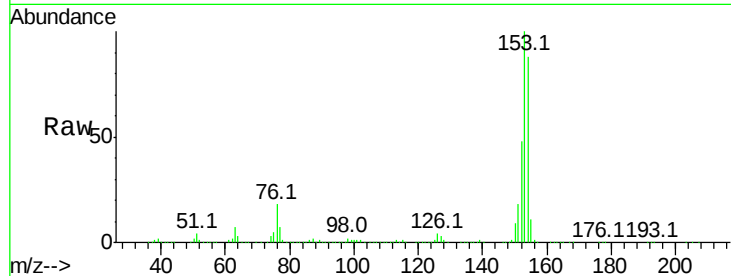
Tot Ion:154 Resp: 714469

Ion Ratio Lower Upper

154 100

153 113.3 88.6 133.0

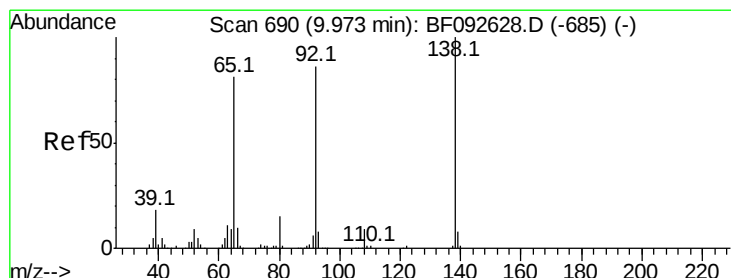
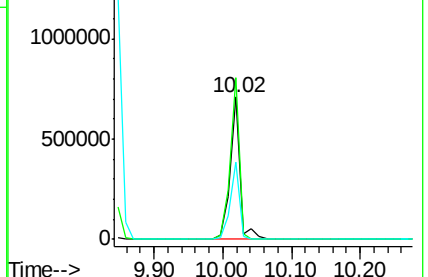
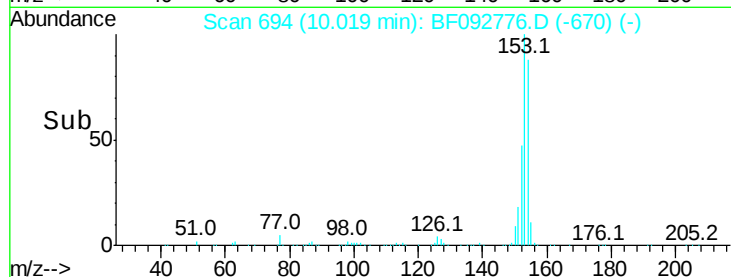
152 54.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.59 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

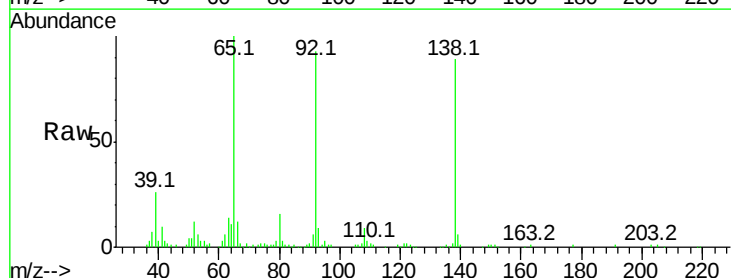
Tgt Ion:138 Resp: 82935

Ion Ratio Lower Upper

138 100

108 10.6 8.5 12.7

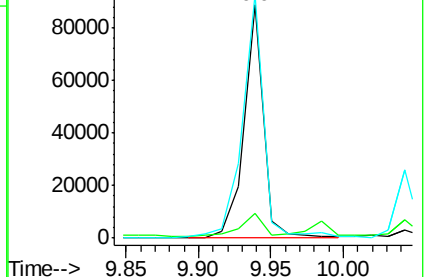
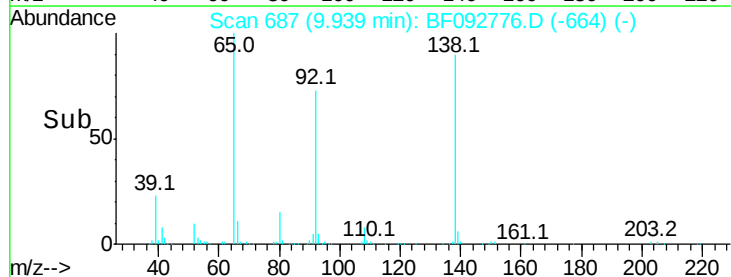
92 104.6 97.8 146.8

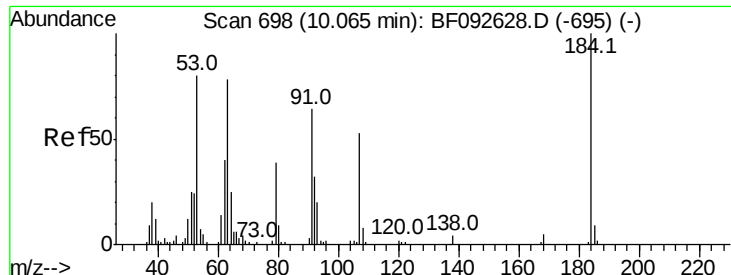


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

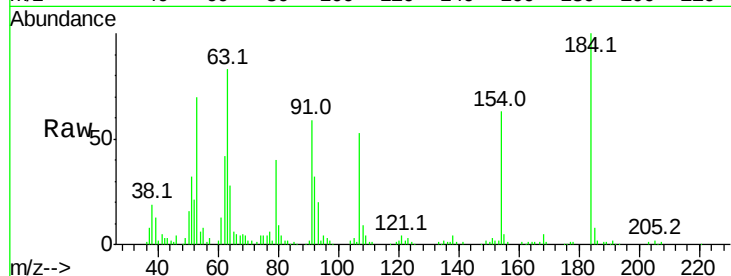




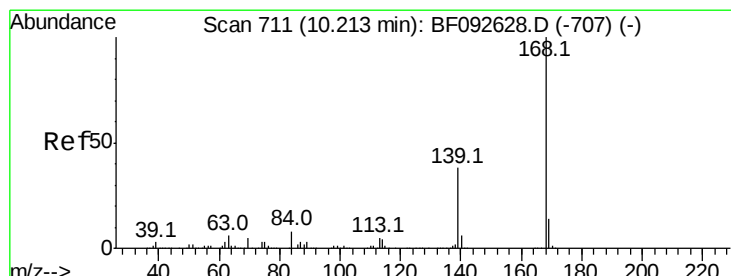
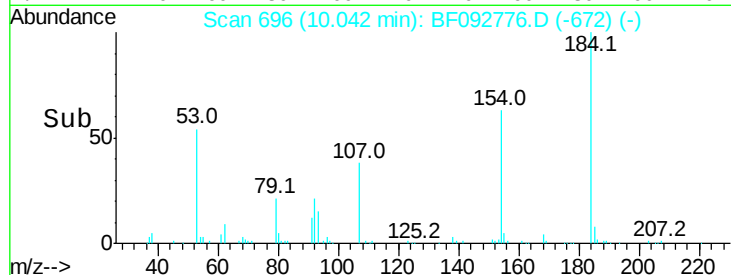
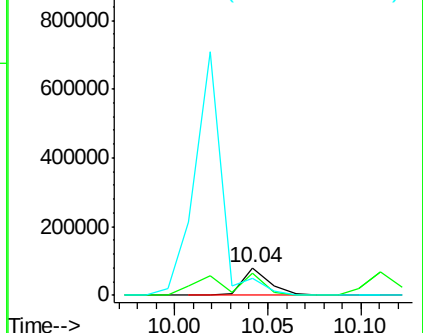
#53
2,4-Dinitrophenol
Concen: 39.57 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.02 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

Instrument :
BNA_F
ClientSampleId :
RVE-7MS

Tot Ion:184 Resp: 82298
Ion Ratio Lower Upper
184 100
63 82.6 28.4 42.6#
154 62.6 44.3 66.5

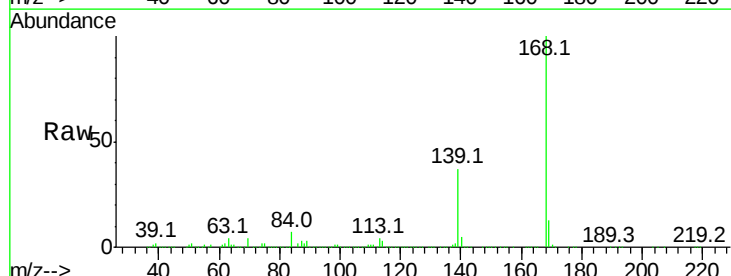


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

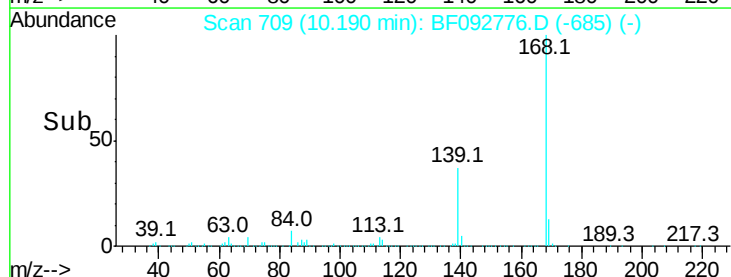
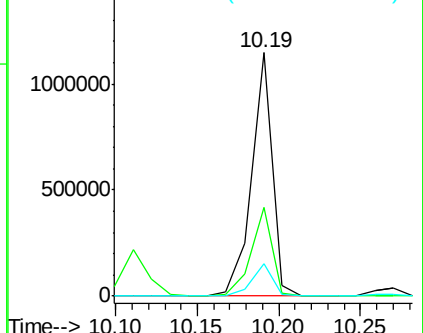


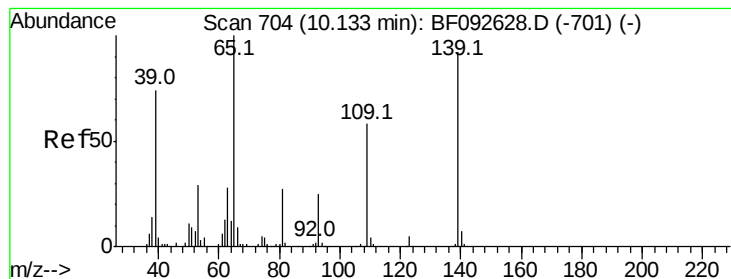
#54
Dibenzofuran
Concen: 42.91 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.02 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

Tgt Ion:168 Resp: 1008341
Ion Ratio Lower Upper
168 100
139 36.6 32.6 49.0
169 13.4 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 68.31 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampleId :

RVE-7MS

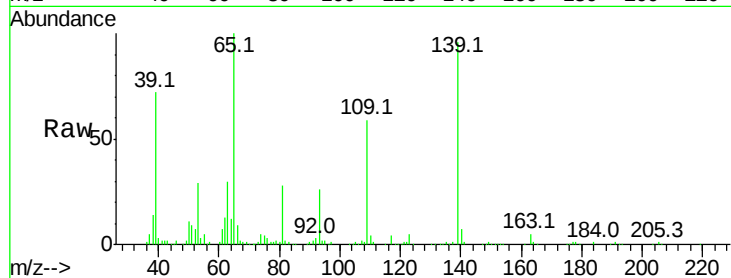
Tot Ion:139 Resp: 245971

Ion Ratio Lower Upper

139 100

109 61.5 52.2 92.2

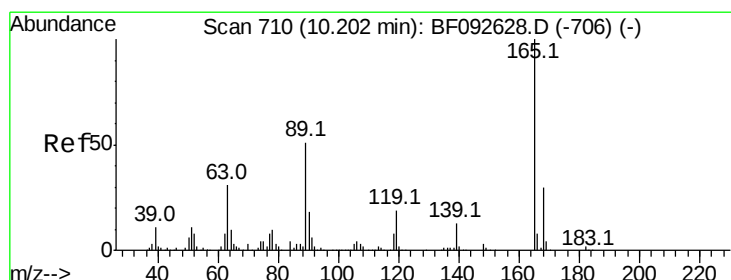
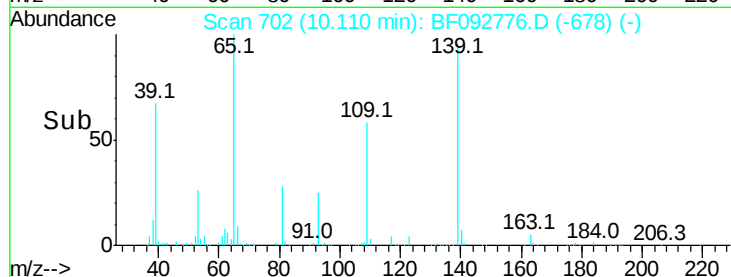
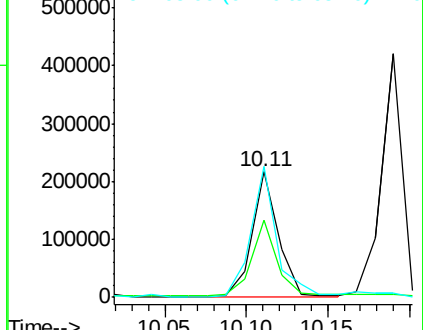
65 104.7 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.44 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Tgt Ion:165 Resp: 246816

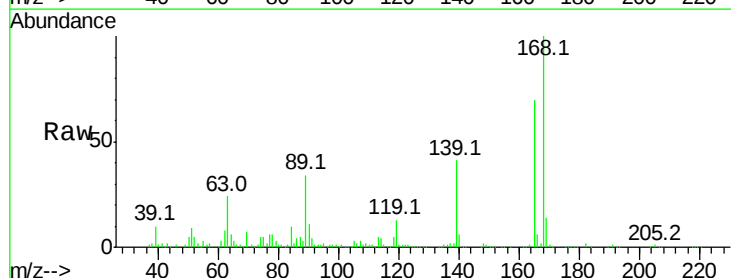
Ion Ratio Lower Upper

165 100

63 33.6 40.2 60.4#

89 47.8 62.5 93.7#

182 2.7 1.8 2.8

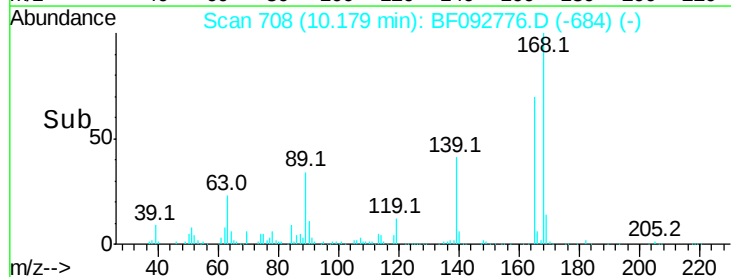
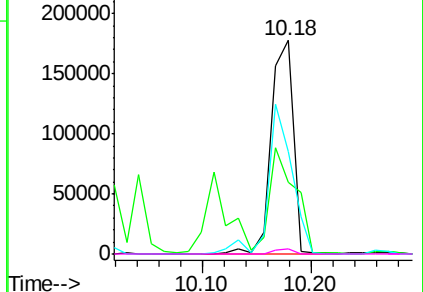


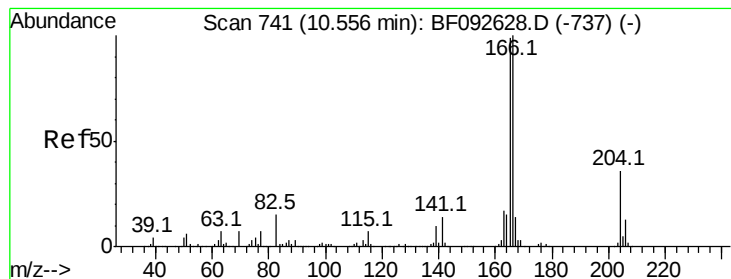
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.65 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampled :

RVE-7MS

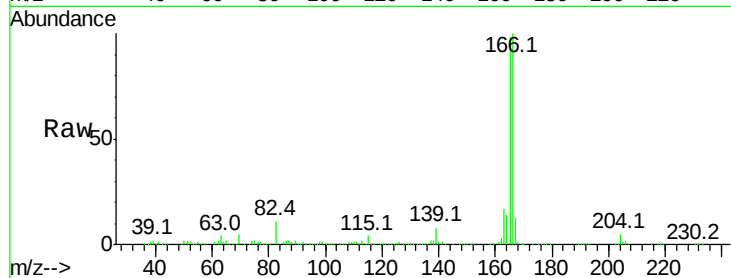
Tot Ion:166 Resp: 753024

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.8

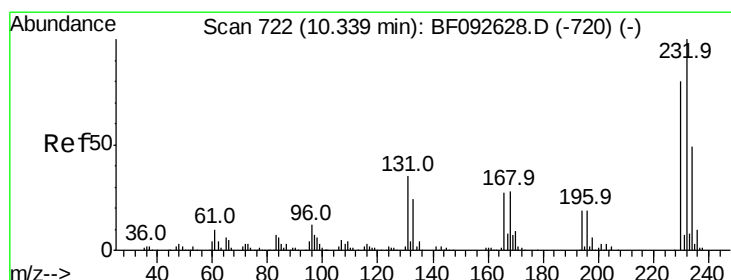
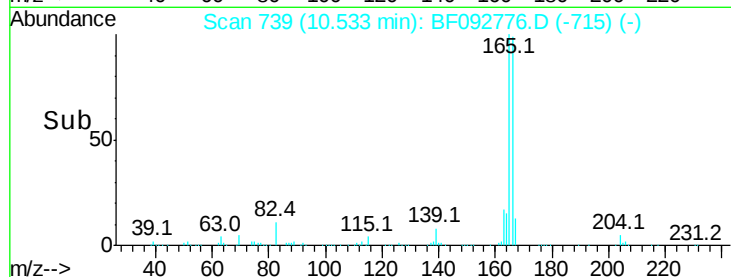
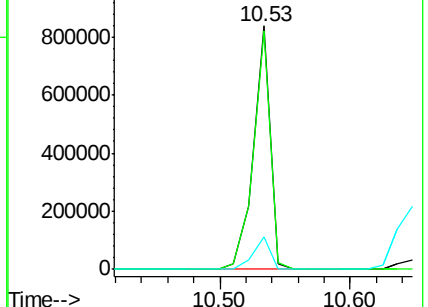
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.77 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Tgt Ion:232 Resp: 181279

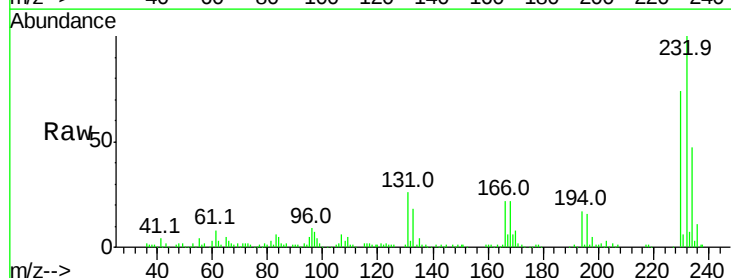
Ion Ratio Lower Upper

232 100

131 45.5 40.1 60.1

130 2.0 1.8 2.8

166 30.9 26.6 39.8

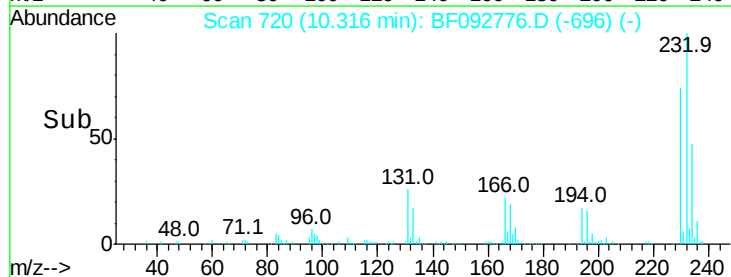
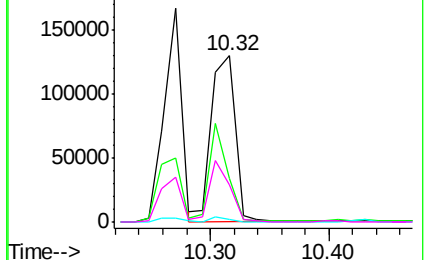


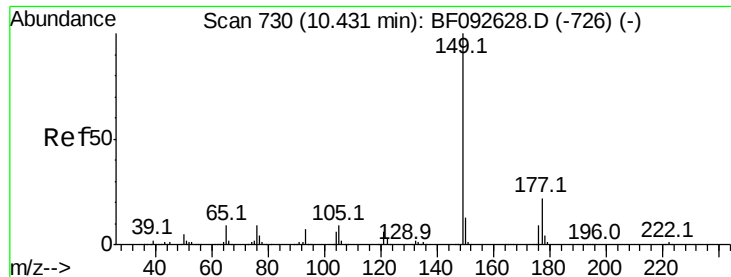
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

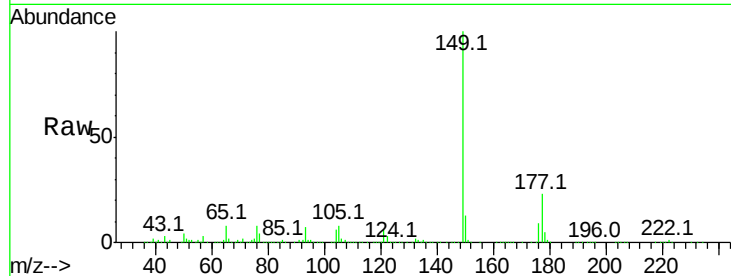




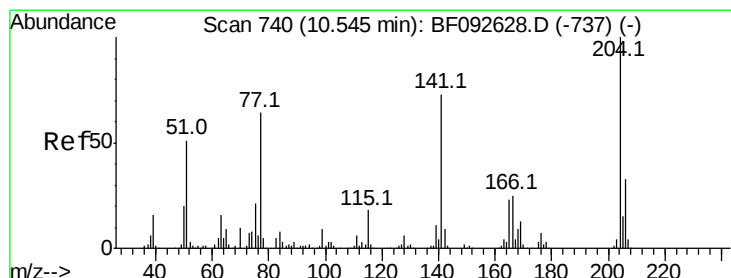
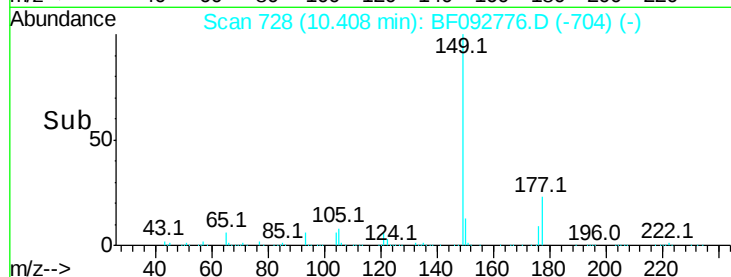
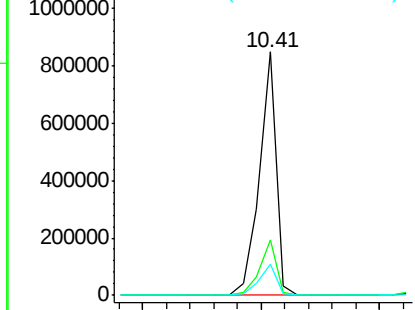
#59
Diethylphthalate
Concen: 43.83 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

Instrument :
BNA_F
ClientSampled :
RVE-7MS

Tot Ion:149 Resp: 835633
Ion Ratio Lower Upper
149 100
177 22.9 16.6 25.0
150 12.6 10.4 15.6

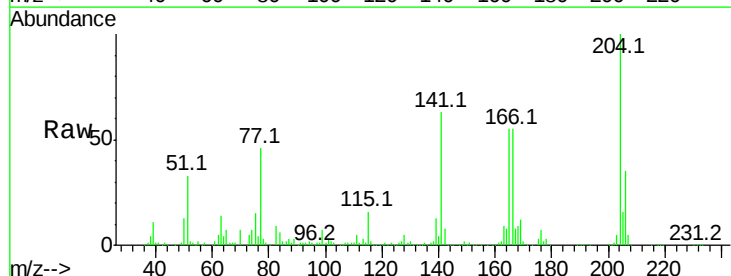


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

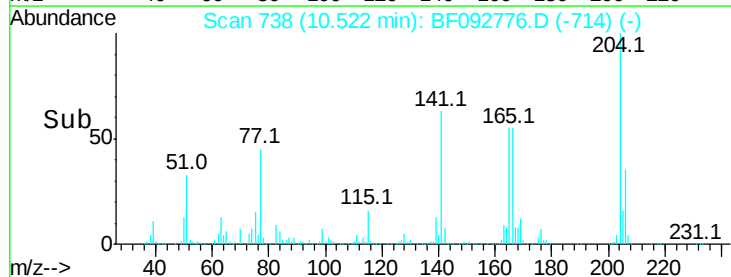
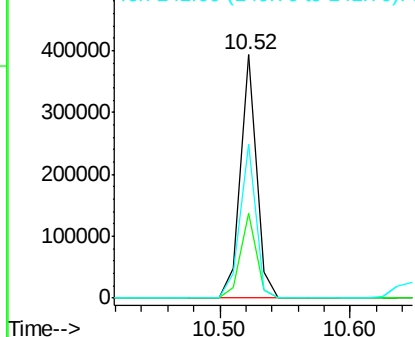


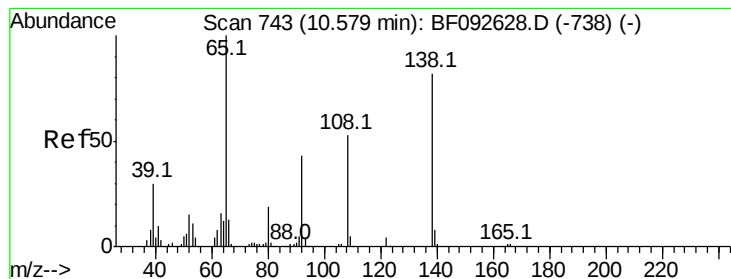
#60
4-Chlorophenyl-phenylether
Concen: 38.30 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

Tgt Ion:204 Resp: 332670
Ion Ratio Lower Upper
204 100
206 34.7 25.8 38.6
141 63.2 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: 34.94 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampleId :

RVE-7MS

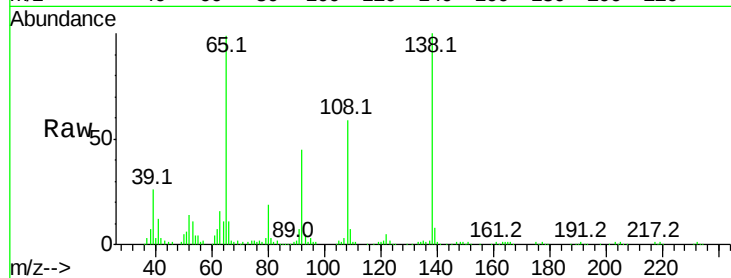
Tot Ion:138 Resp: 178924

Ion Ratio Lower Upper

138 100

92 45.1 31.7 71.7

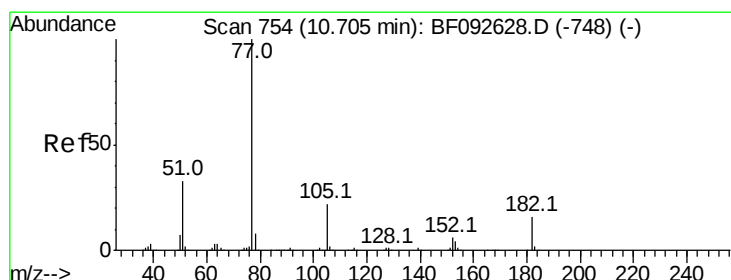
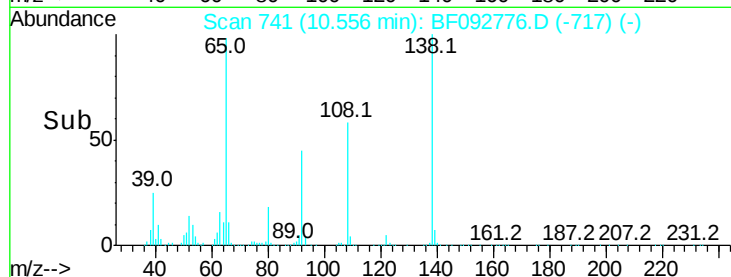
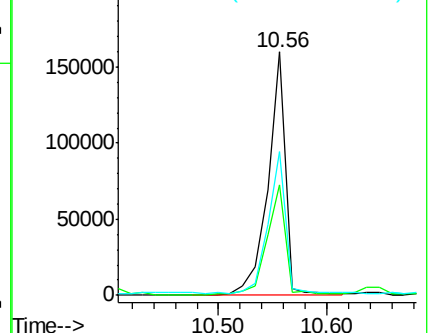
108 59.3 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.63 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Tgt Ion: 77 Resp: 839570

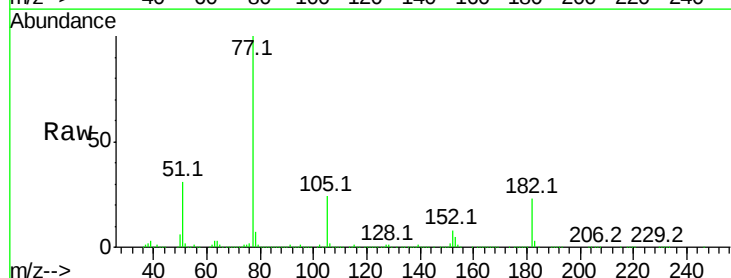
Ion Ratio Lower Upper

77 100

182 22.8 0.0 39.3

105 23.6 2.3 42.3

51 31.2 8.9 48.9

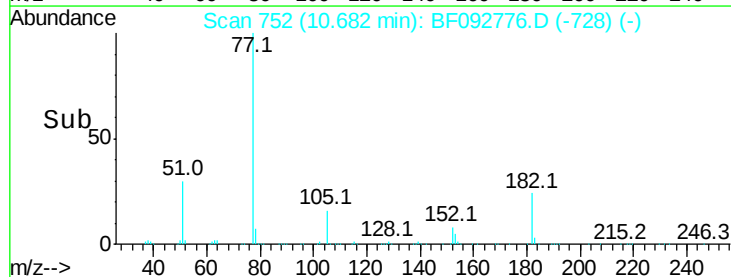
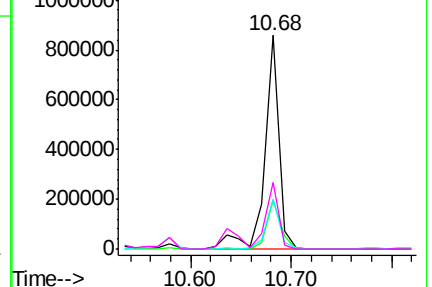


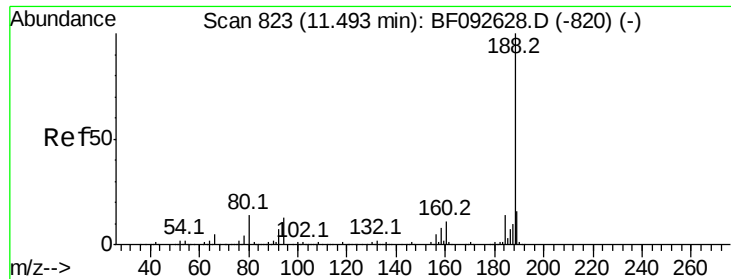
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

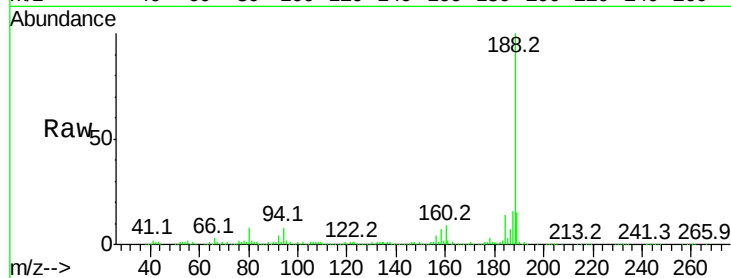




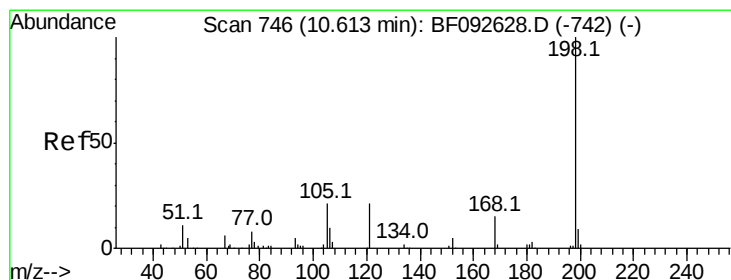
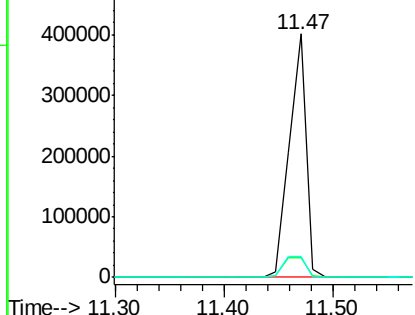
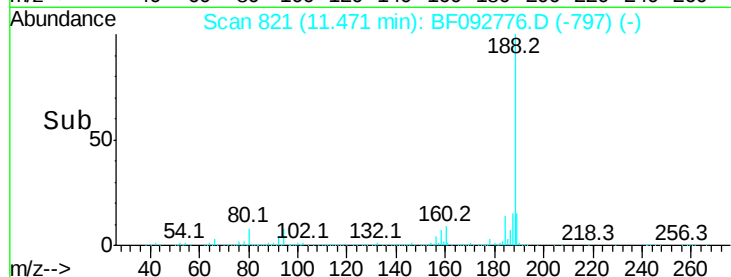
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.02 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

Instrument :
BNA_F
ClientSampleId :
RVE-7MS

Tot Ion:188 Resp: 433186
Ion Ratio Lower Upper
188 100
94 8.0 10.0 15.0#
80 8.4 11.2 16.8#

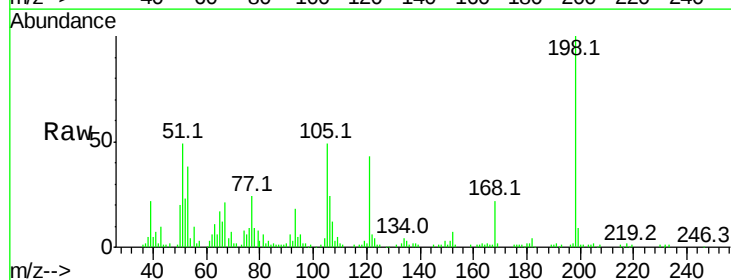


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

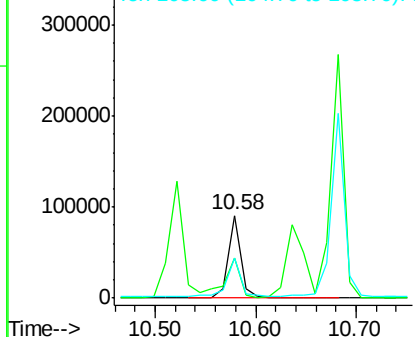
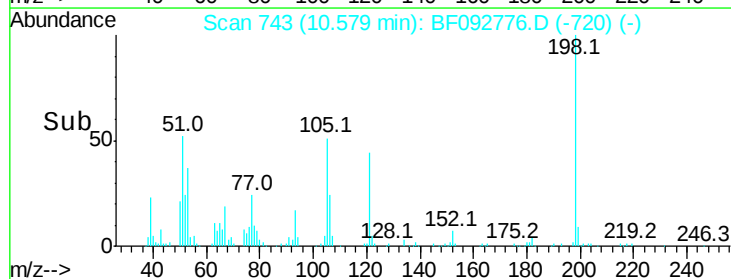


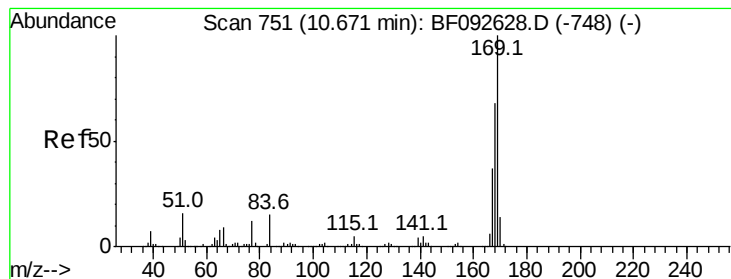
#64
4,6-Dinitro-2-methylphenol
Concen: 31.32 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.03 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

Tgt Ion:198 Resp: 80006
Ion Ratio Lower Upper
198 100
51 48.8 6.7 46.7#
105 49.1 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

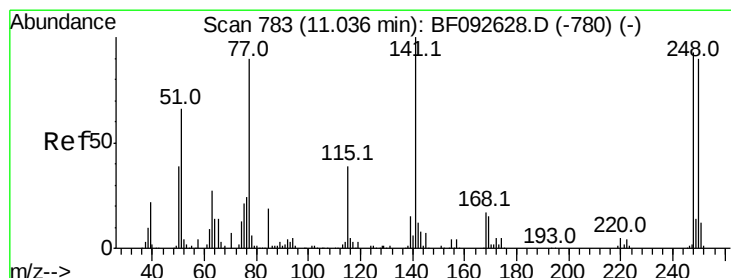
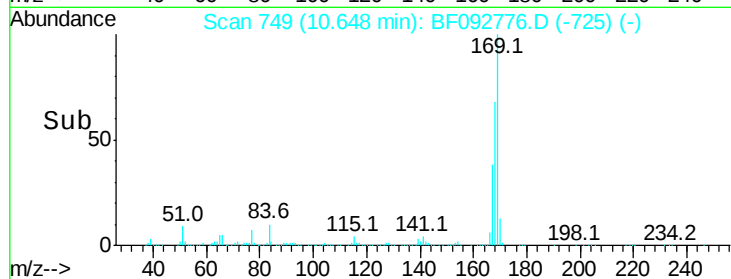
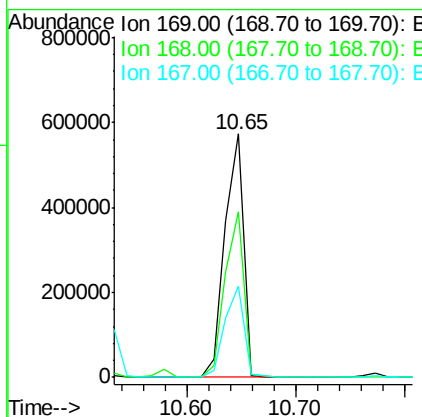
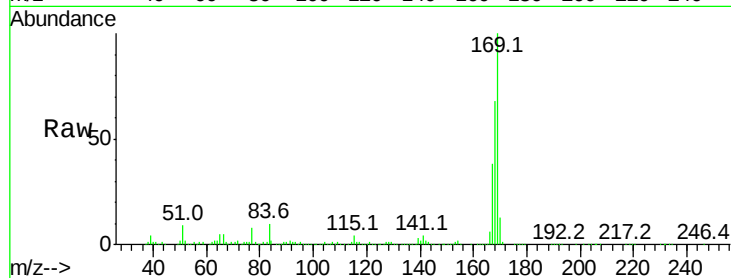




#65
n-Nitrosodiphenylamine
Concen: 49.27 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

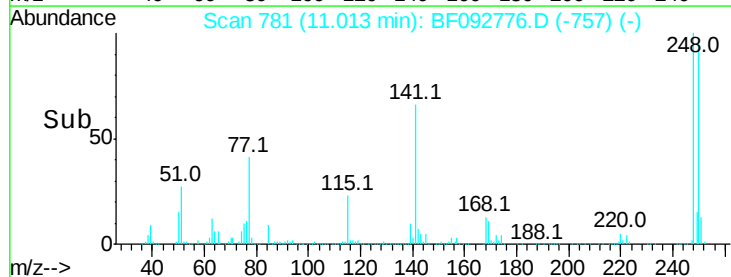
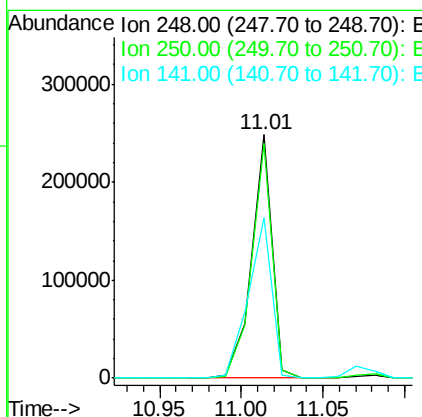
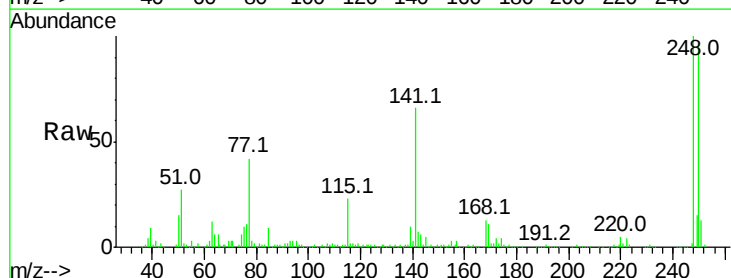
Instrument :
BNA_F
ClientSampleId :
RVE-7MS

Tot Ion:169 Resp: 681753
Ion Ratio Lower Upper
169 100
168 68.2 54.2 81.2
167 37.6 30.2 45.4



#66
4-Bromophenyl-phenylether
Concen: 47.81 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

Tgt Ion:248 Resp: 216362
Ion Ratio Lower Upper
248 100
250 96.2 76.9 115.3
141 66.1 68.2 102.4#

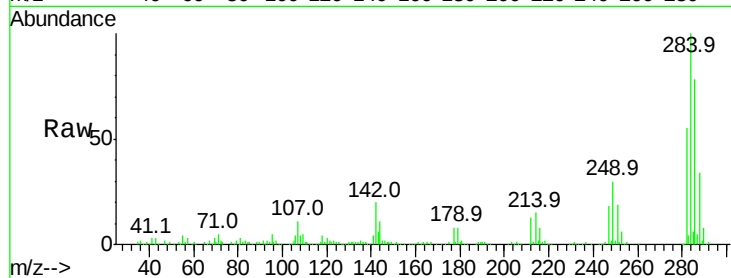




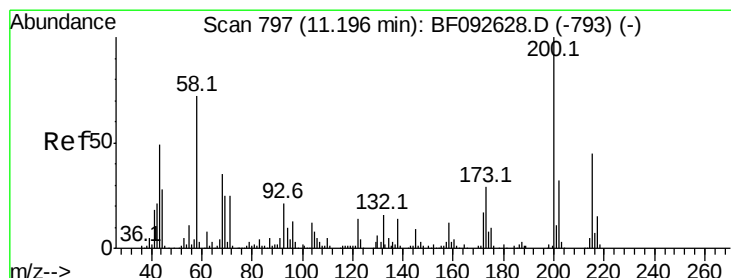
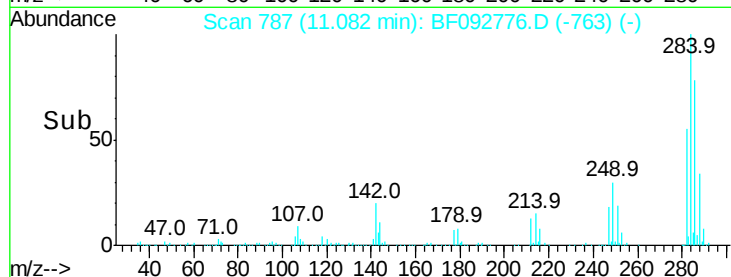
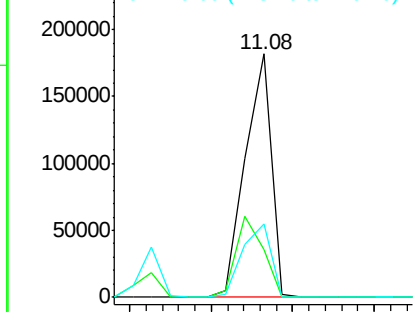
#67
Hexachlorobenzene
Concen: 45.06 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

Instrument :
BNA_F
ClientSampleId :
RVE-7MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	19.9	22.6	33.8#
249	30.3	25.4	38.0

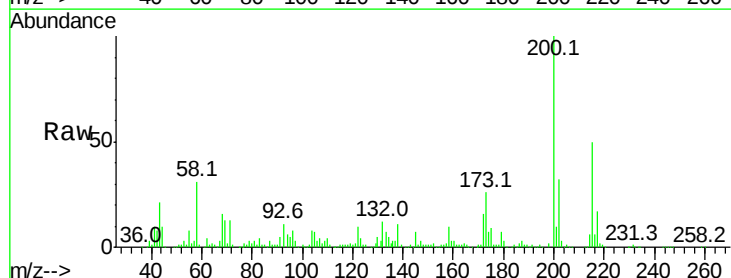


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

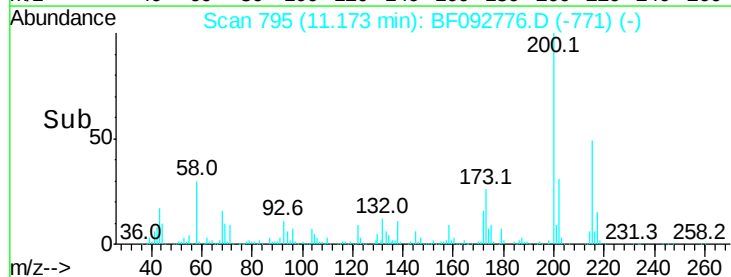
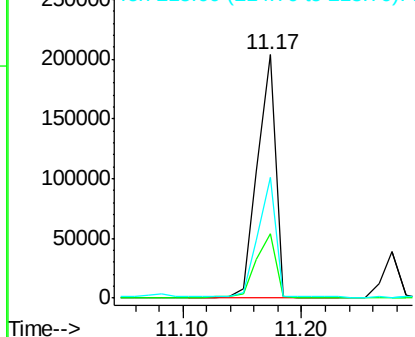


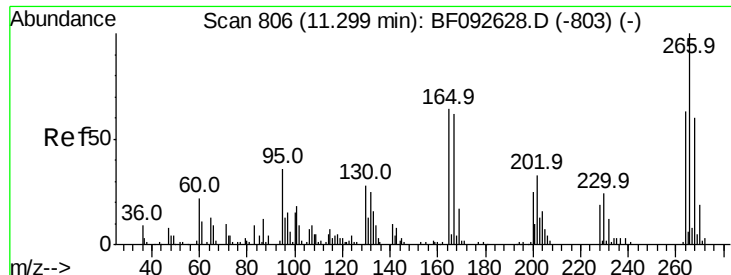
#68
Atrazine
Concen: 49.67 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.4	9.6	49.6
215	49.5	25.7	65.7



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

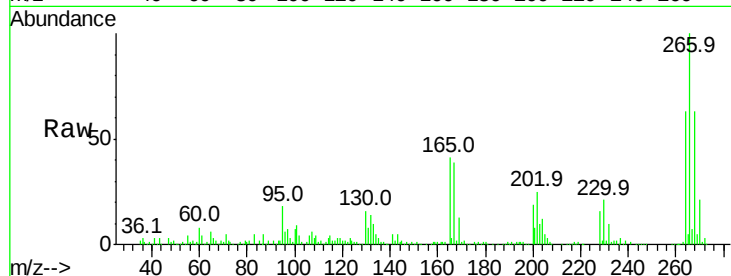




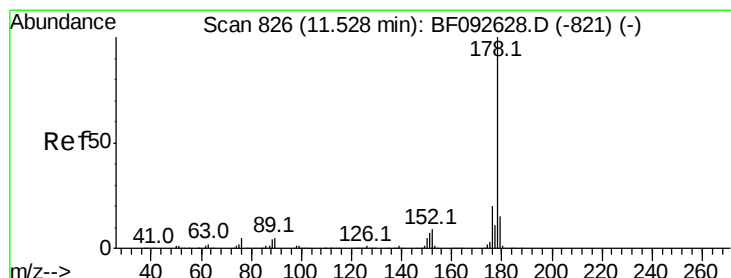
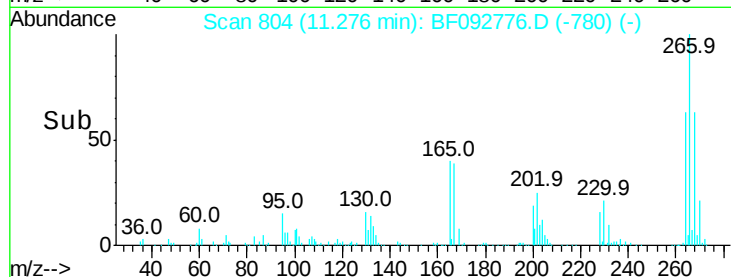
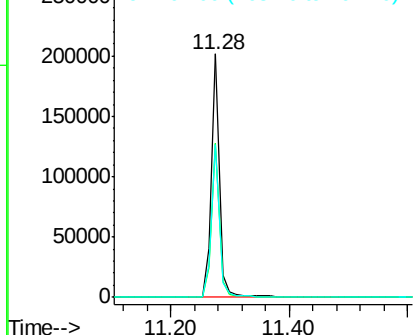
#69
 Pentachlorophenol
 Concen: 82.85 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MS

Tot Ion:266 Resp: 191924
 Ion Ratio Lower Upper
 266 100
 268 63.5 53.3 79.9
 264 62.8 50.3 75.5

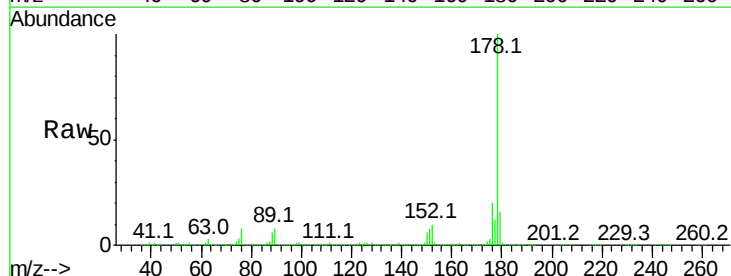


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

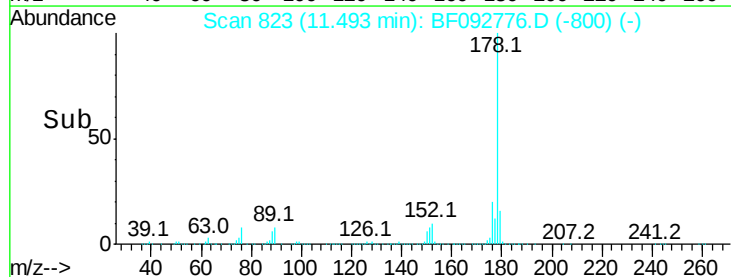
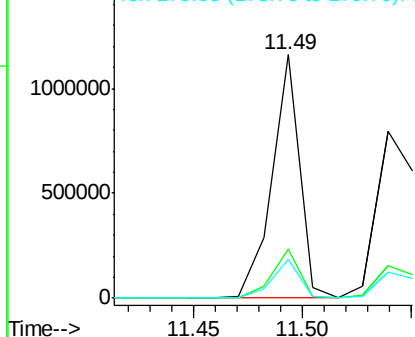


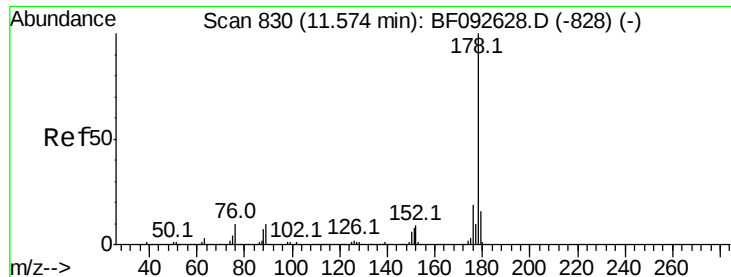
#70
 Phenanthrene
 Concen: 41.76 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Tgt Ion:178 Resp: 1036448
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.6 25.0
 179 15.8 12.8 19.2



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

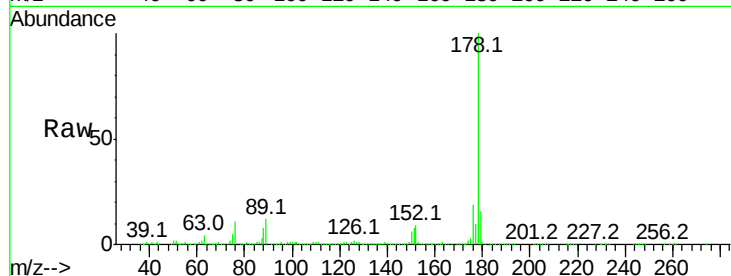




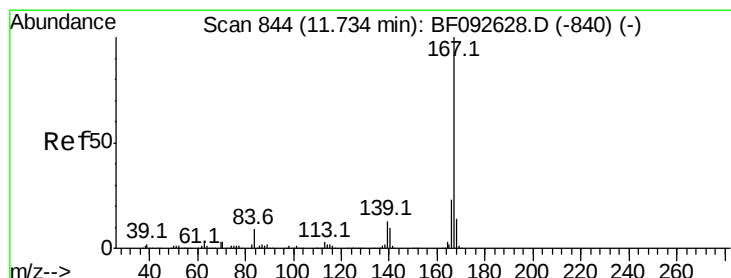
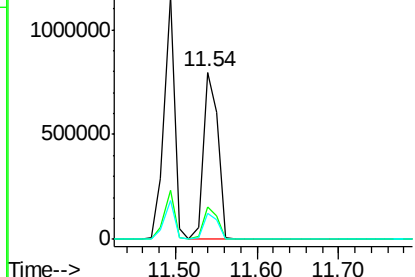
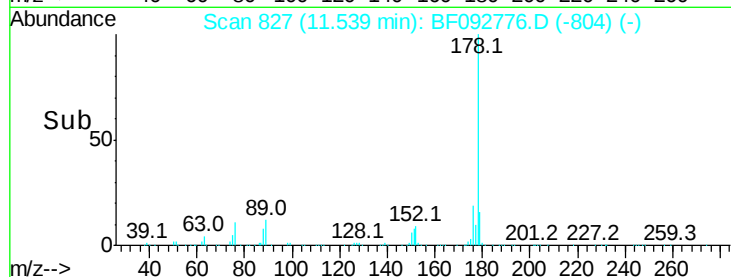
#71
 Anthracene
 Concen: 40.56 ng
 RT: 11.54 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MS

Tot Ion:178 Resp: 1010961
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.9 23.9
 179 15.8 13.2 19.8

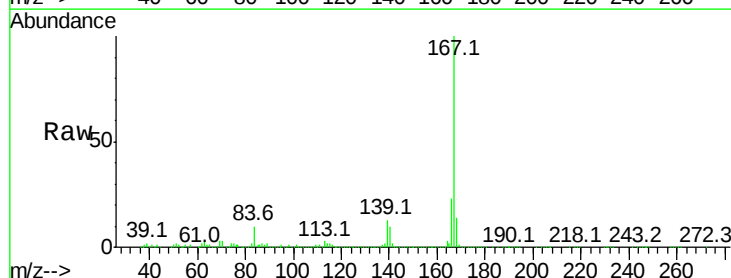


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

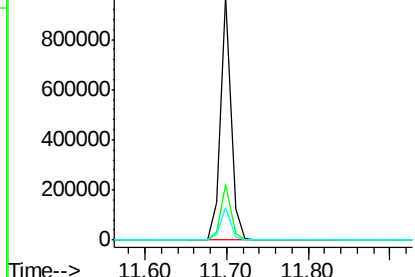
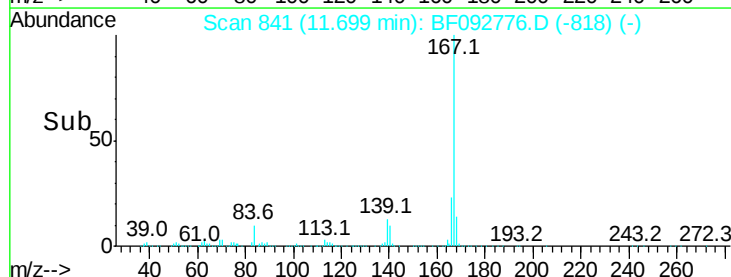


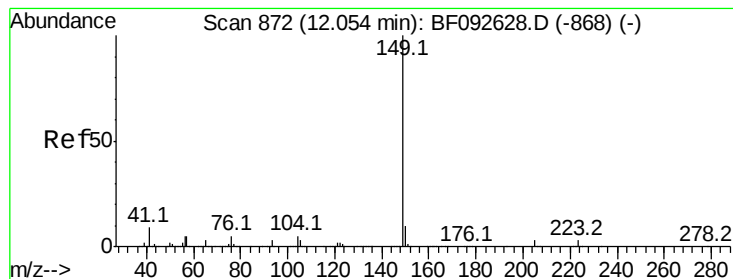
#72
 Carbazole
 Concen: 36.58 ng
 RT: 11.70 min Scan# 841
 Delta R.T. -0.03 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Tgt Ion:167 Resp: 871406
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 13.4 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: 53.78 ng

RT: 12.03 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampleId :

RVE-7MS

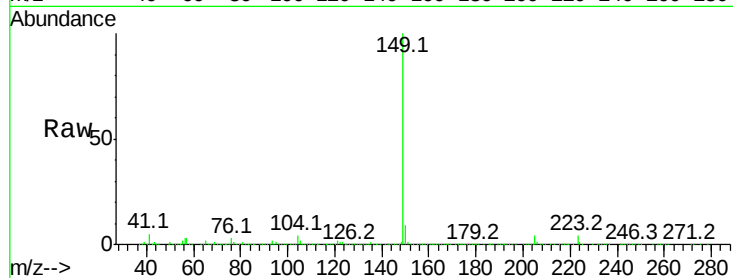
Tot Ion:149 Resp: 1385601

Ion Ratio Lower Upper

149 100

150 8.9 8.1 12.1

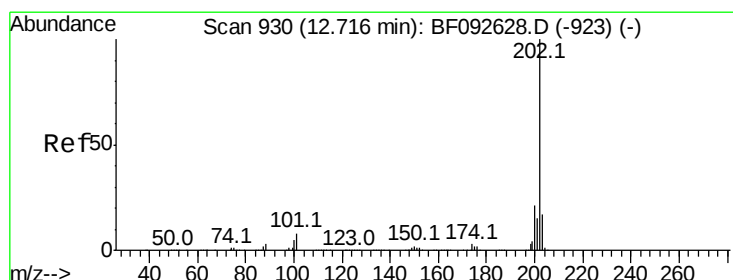
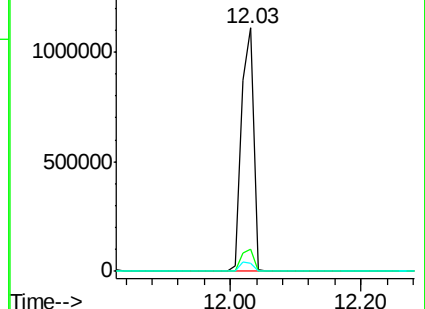
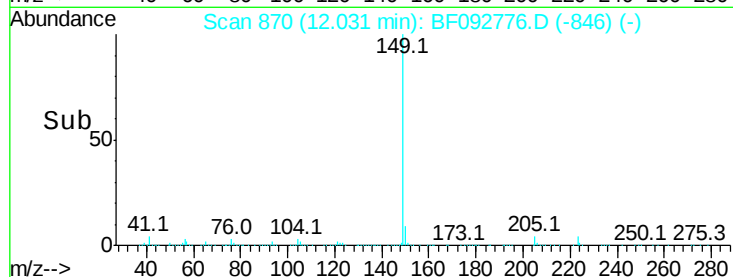
104 3.5 4.6 7.0#



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: 41.65 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

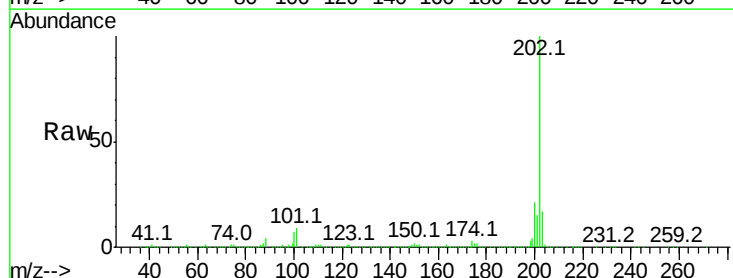
Tgt Ion:202 Resp: 1066286

Ion Ratio Lower Upper

202 100

101 9.3 0.0 34.6

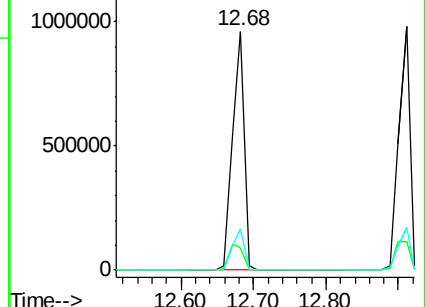
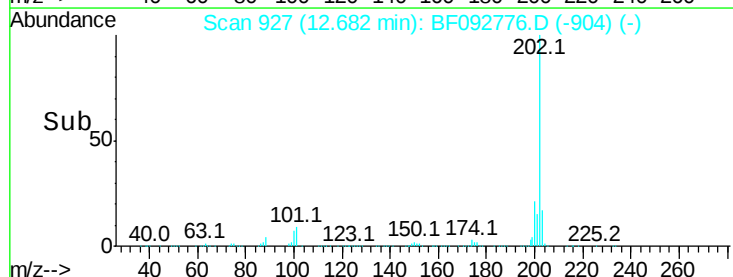
203 17.3 0.0 38.7

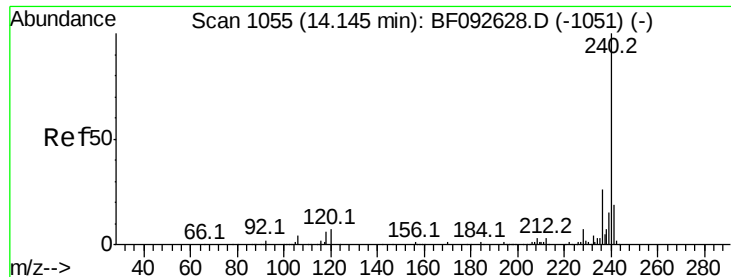


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampleId :

RVE-7MS

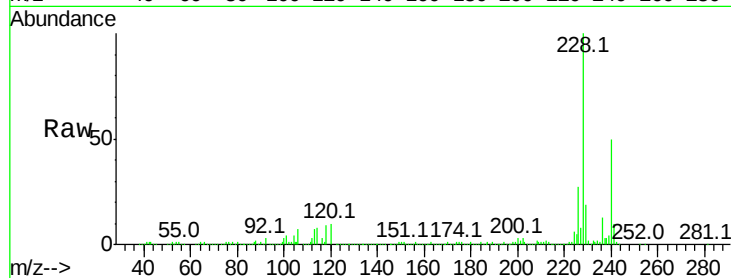
Tot Ion:240 Resp: 313144

Ion Ratio Lower Upper

240 100

120 19.3 12.9 19.3

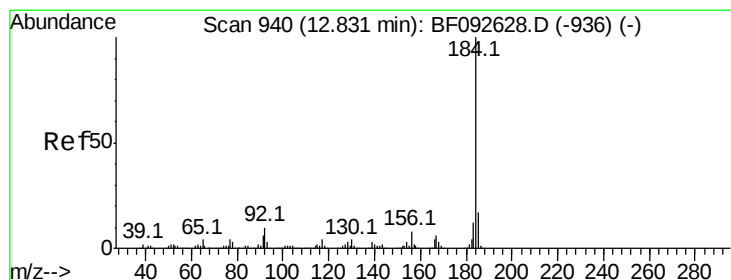
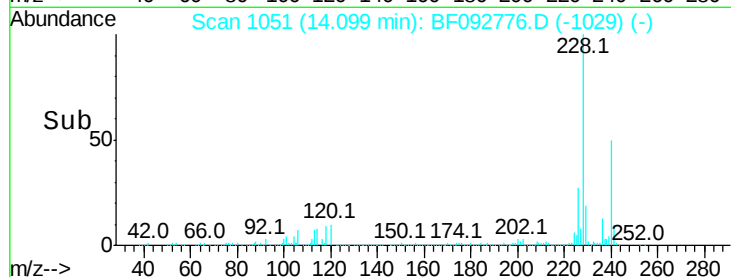
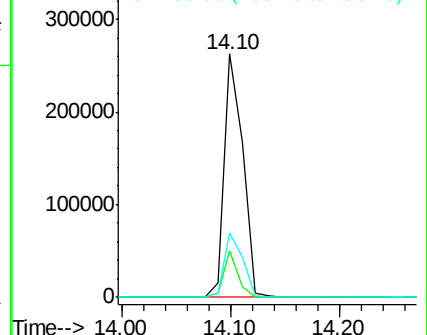
236 26.6 20.9 31.3



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: 24.13 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.03 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

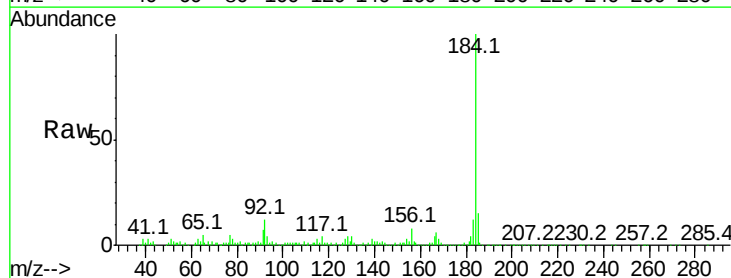
Tgt Ion:184 Resp: 322031

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.0

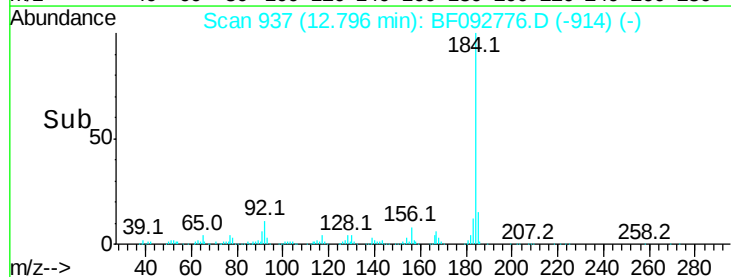
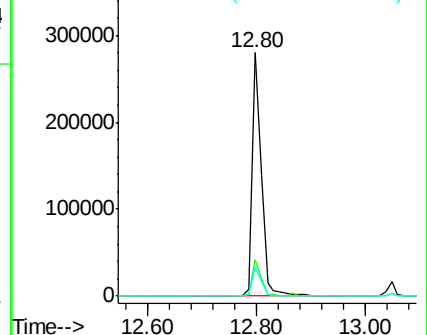
183 11.7 9.2 13.8

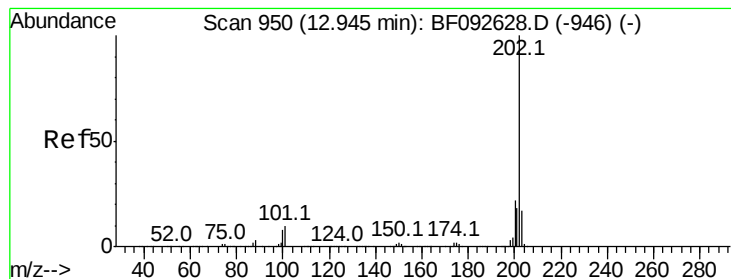


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.86 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.03 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampleId :

RVE-7MS

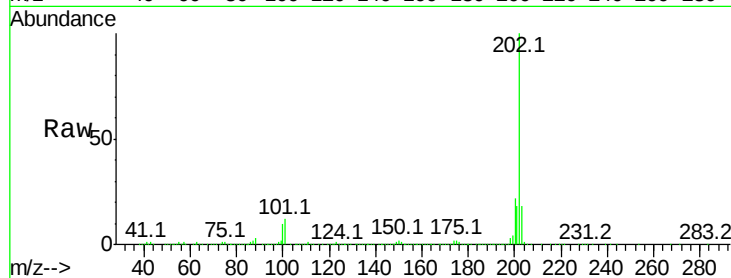
Tot Ion:202 Resp: 1051368

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

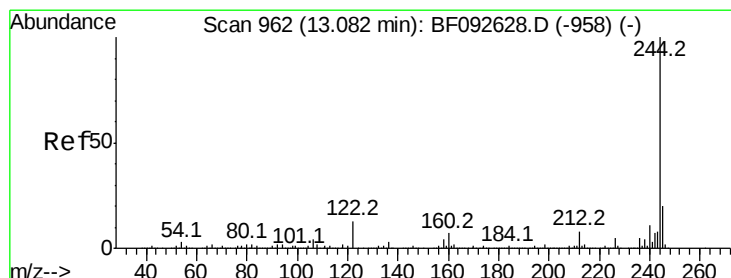
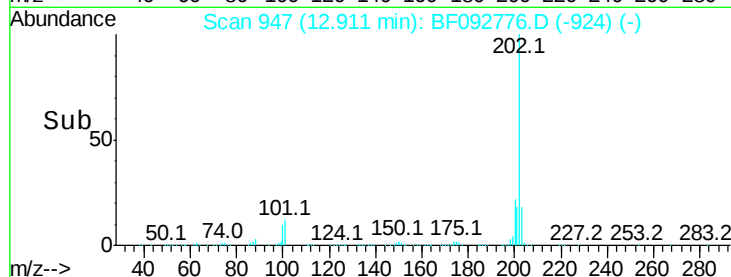
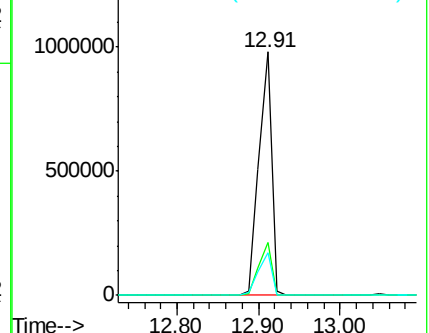
203 17.7 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.75 ng

RT: 13.05 min Scan# 959

Delta R.T. -0.03 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

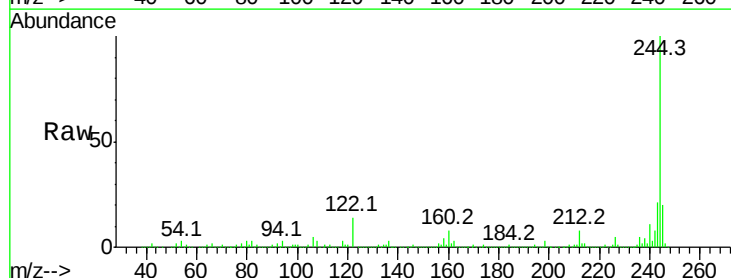
Tgt Ion:244 Resp: 1169487

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

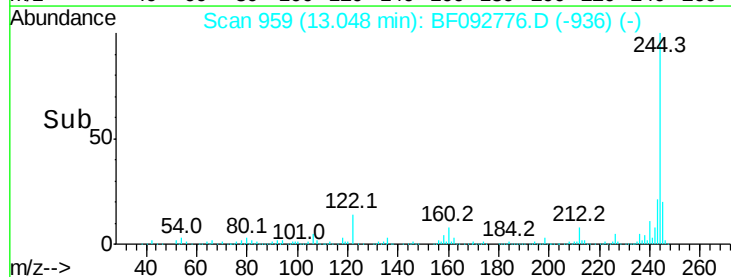
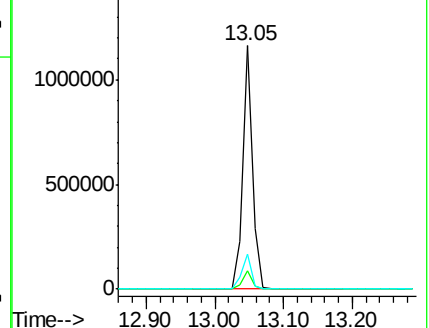
122 14.1 11.4 17.2

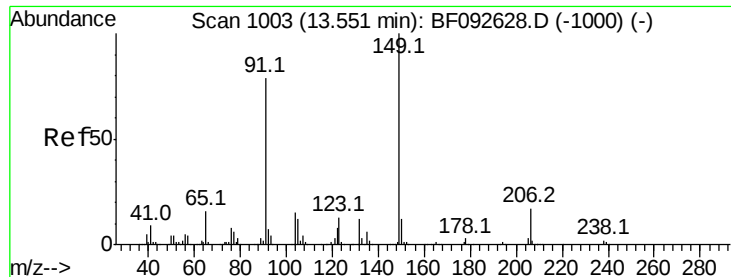


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

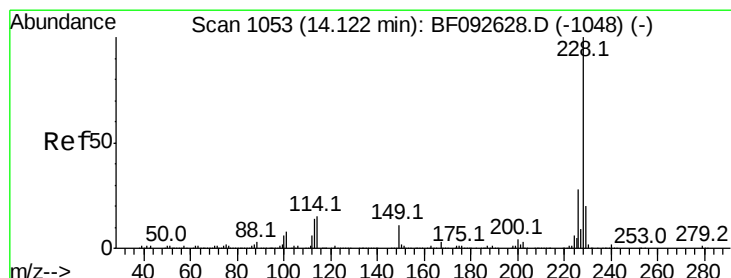
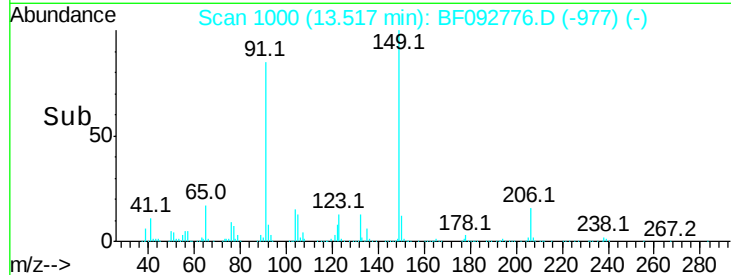
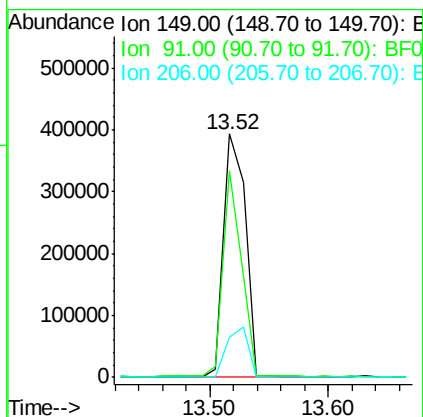
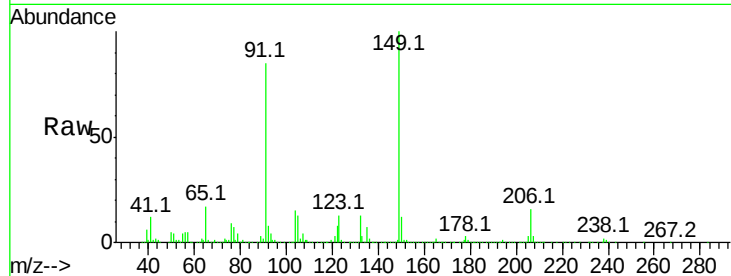




#79
Butylbenzylphthalate
Concen: 52.20 ng
RT: 13.52 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

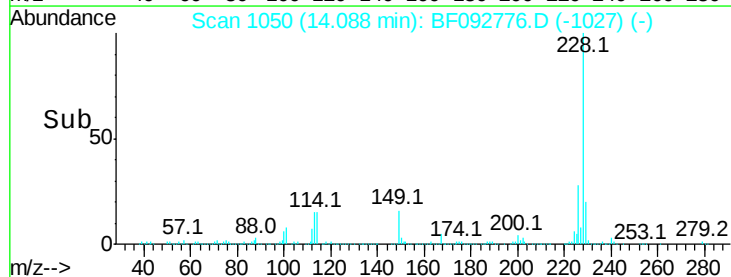
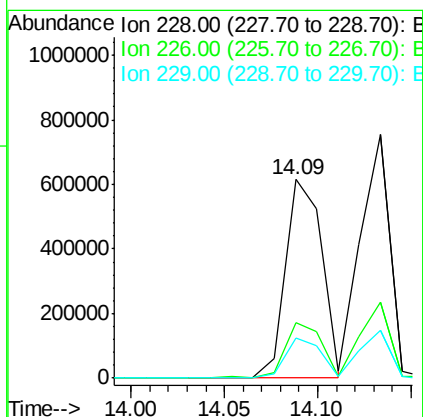
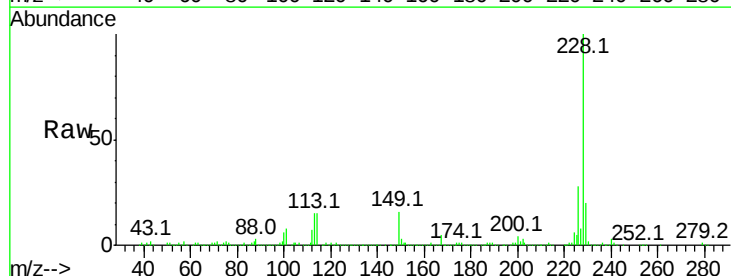
Instrument :
BNA_F
ClientSampleId :
RVE-7MS

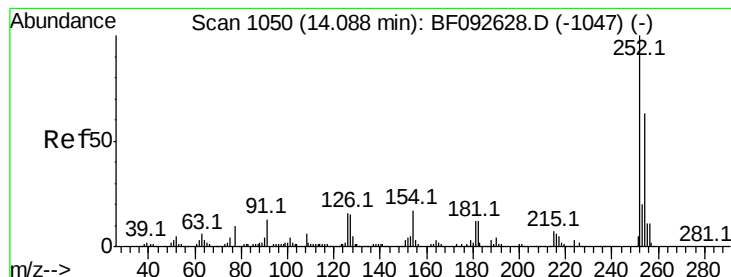
Tot Ion:149 Resp: 496779
Ion Ratio Lower Upper
149 100
91 84.9 63.9 95.9
206 16.4 14.6 21.8



#80
Benzo(a)anthracene
Concen: 43.73 ng
RT: 14.09 min Scan# 1050
Delta R.T. -0.03 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

Tgt Ion:228 Resp: 837619
Ion Ratio Lower Upper
228 100
226 27.8 22.4 33.6
229 20.0 16.2 24.4

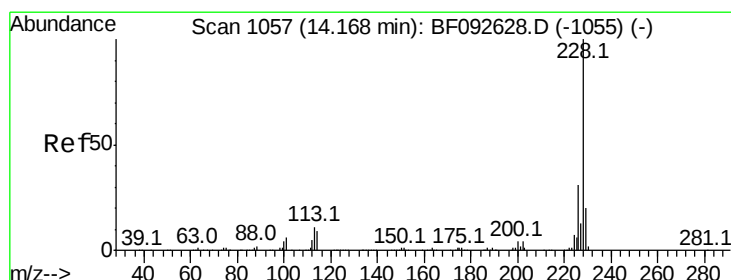
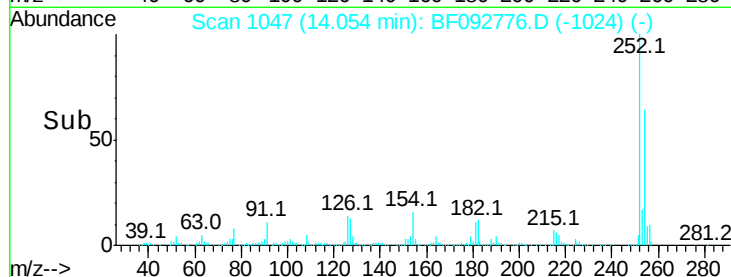
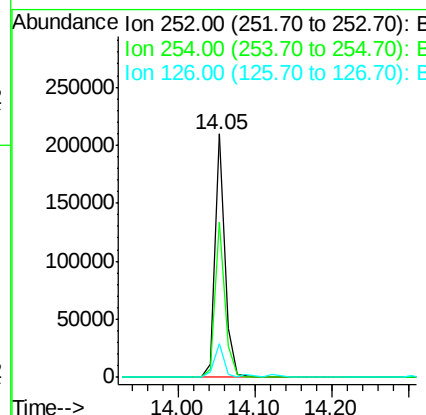
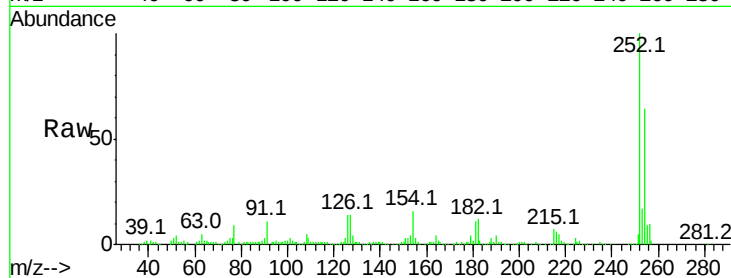




#81
 3,3'-Dichlorobenzidine
 Concen: 27.23 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

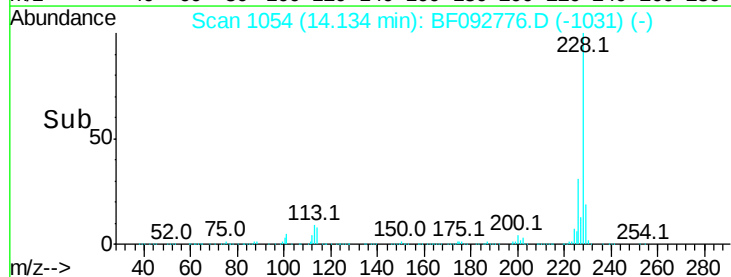
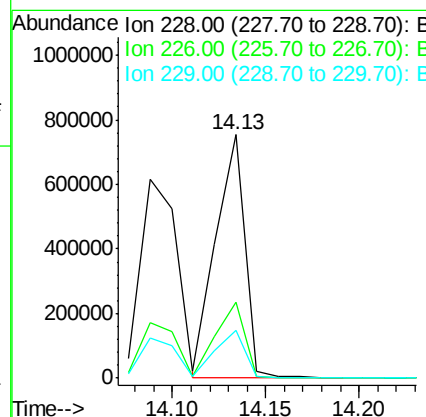
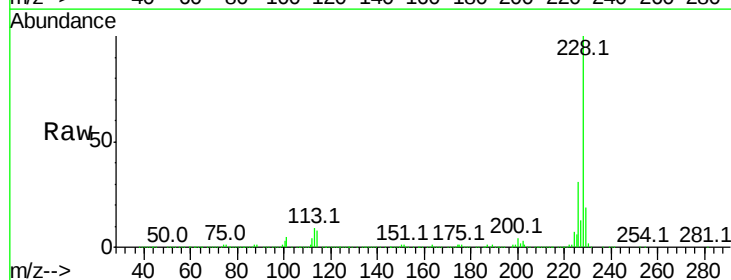
Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MS

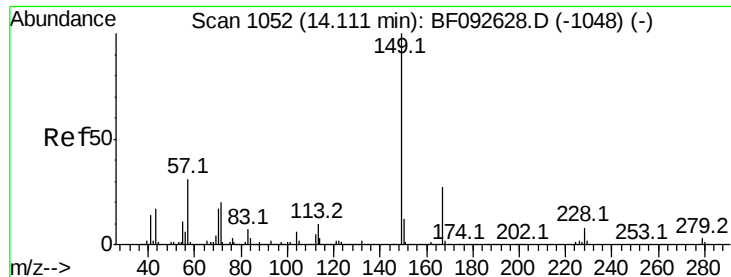
Tot Ion:252 Resp: 185913
 Ion Ratio Lower Upper
 252 100
 254 63.6 52.3 78.5
 126 13.9 13.6 20.4



#82
 Chrysene
 Concen: 45.55 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Tgt Ion:228 Resp: 816758
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.0
 229 19.4 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.24 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.03 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampleId :

RVE-7MS

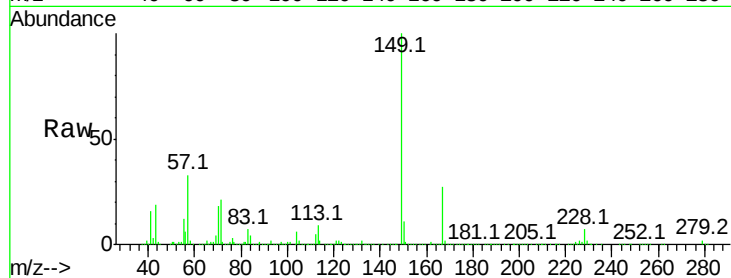
Tot Ion:149 Resp: 692857

Ion Ratio Lower Upper

149 100

167 26.6 20.2 30.4

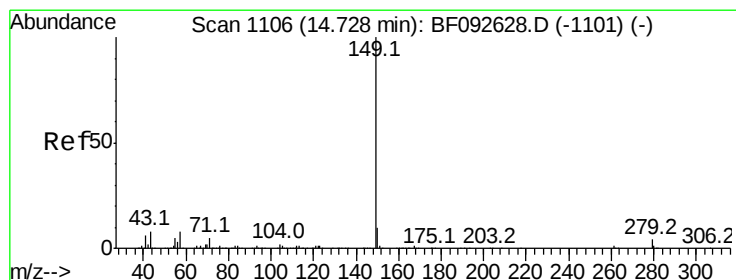
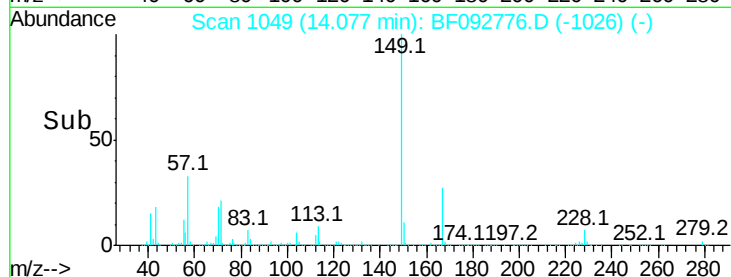
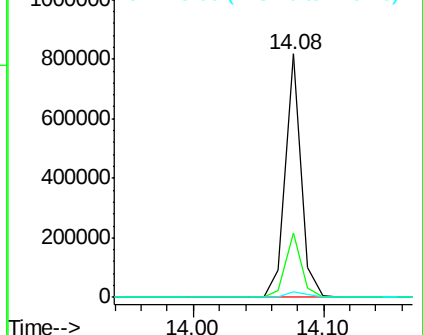
279 2.5 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 54.97 ng

RT: 14.69 min Scan# 1103

Delta R.T. -0.03 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

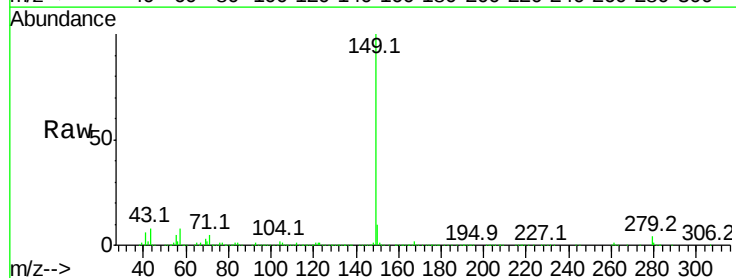
Tgt Ion:149 Resp: 1165060

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

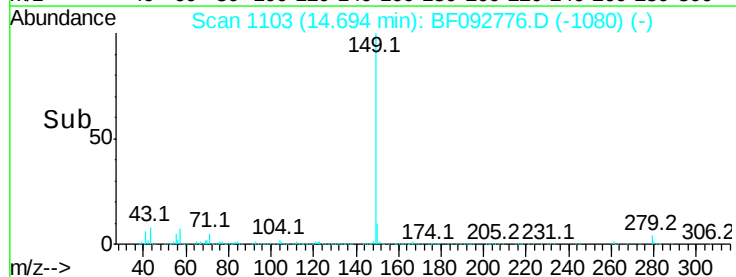
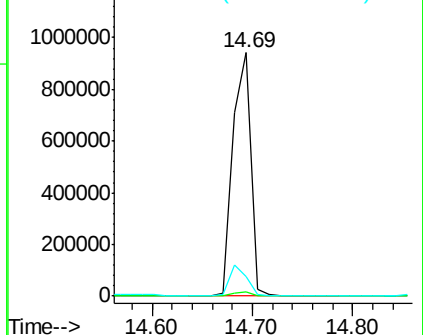
43 11.9 8.9 13.3

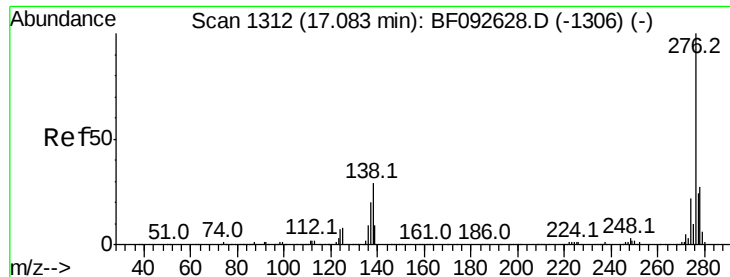


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

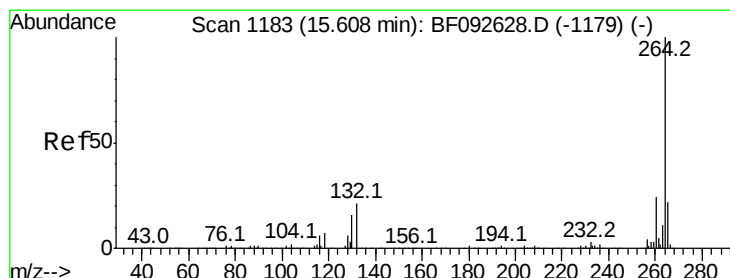
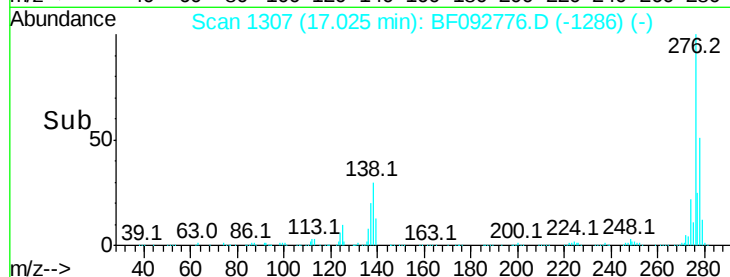
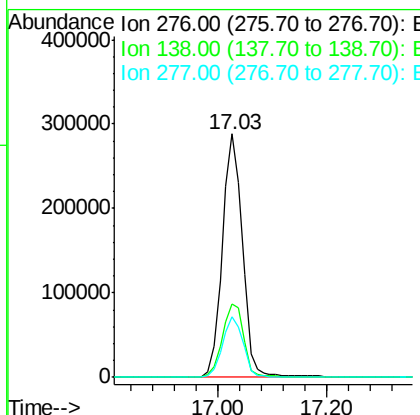
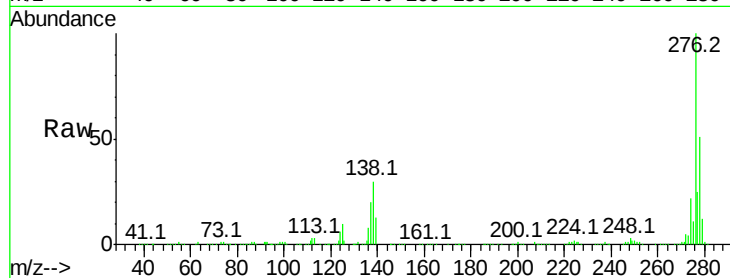




#85
Indeno(1,2,3-cd)pyrene
Concen: 53.91 ng
RT: 17.03 min Scan# 1307
Delta R.T. -0.06 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

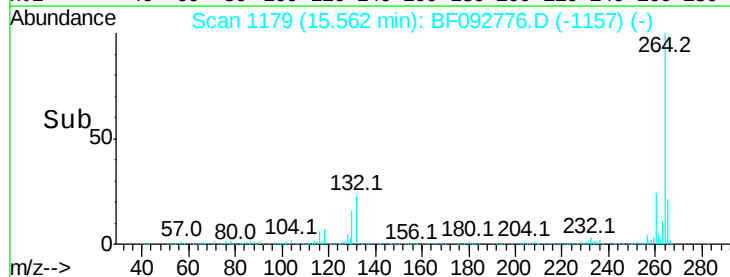
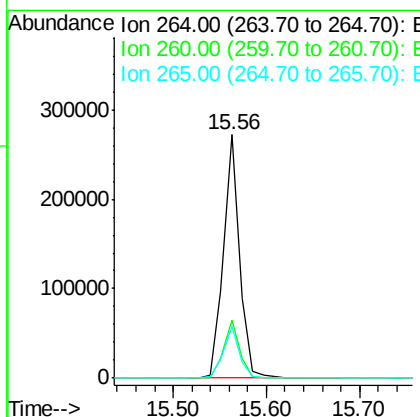
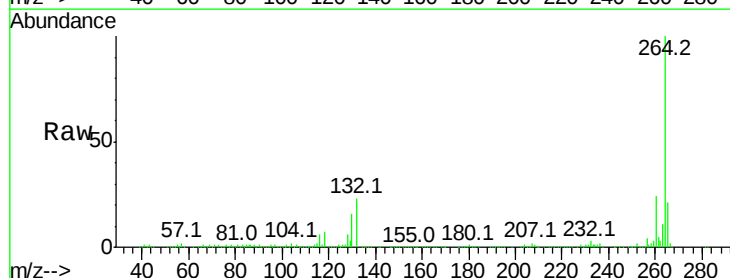
Instrument :
BNA_F
ClientSampleId :
RVE-7MS

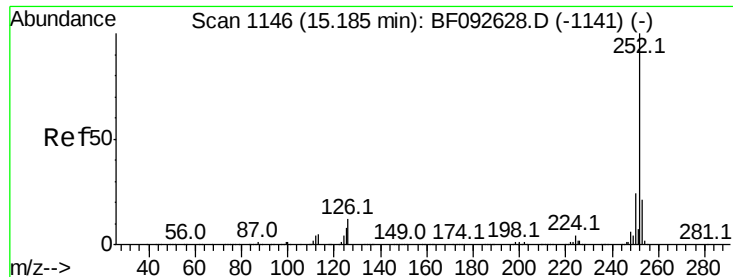
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.1	21.8	32.6
277	25.3	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.2	17.4	26.0

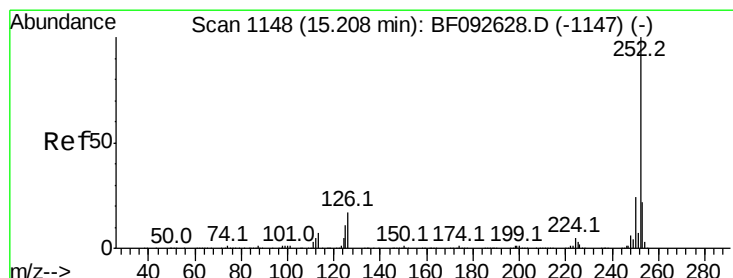
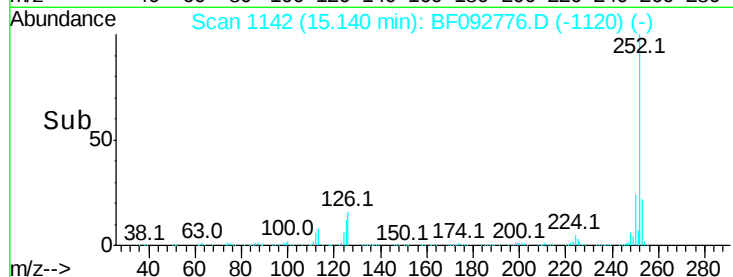
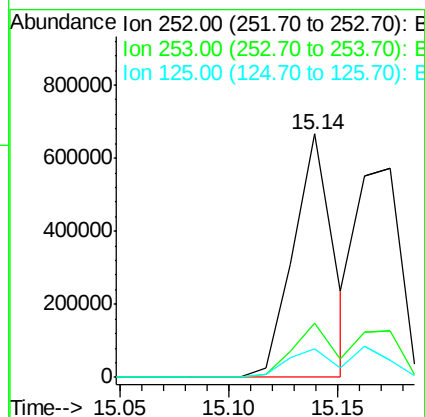
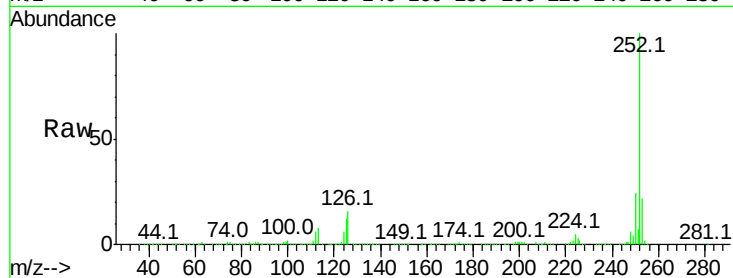




#87
Benzo(b)fluoranthene
Concen: 39.37 ng
RT: 15.14 min Scan# 1142
Delta R.T. -0.05 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

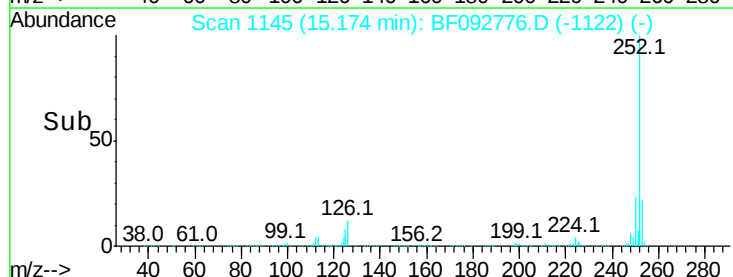
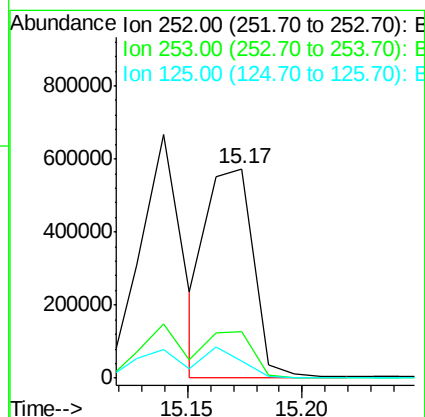
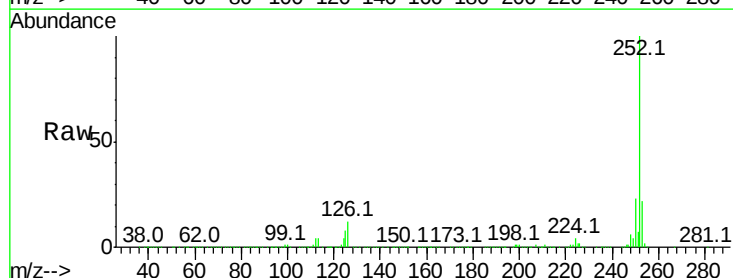
Instrument :
BNA_F
ClientSampleId :
RVE-7MS

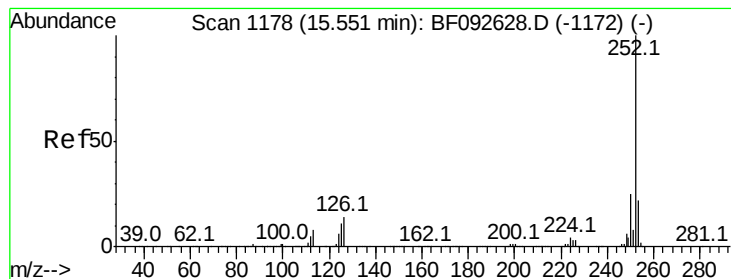
Tot Ion:252 Resp: 849385
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 11.8 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 43.42 ng m
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF092776.D
Acq: 3 Feb 2017 13:25

Tgt Ion:252 Resp: 808821
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 8.0 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 43.64 ng

RT: 15.51 min Scan# 1174

Delta R.T. -0.05 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

Instrument :

BNA_F

ClientSampleId :

RVE-7MS

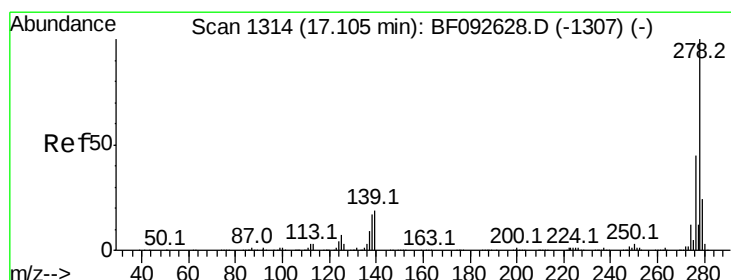
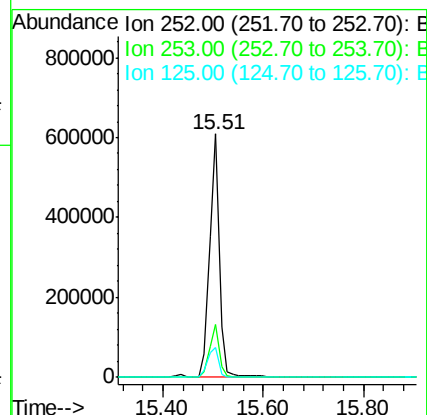
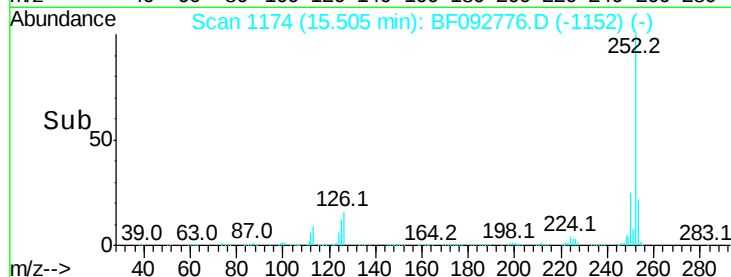
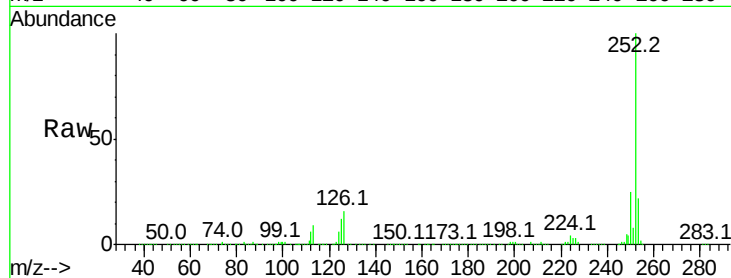
Tot Ion:252 Resp: 814448

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

125 12.2 10.0 15.0



#90

Dibenzo(a,h)anthracene

Concen: 42.20 ng

RT: 17.04 min Scan# 1308

Delta R.T. -0.07 min

Lab File: BF092776.D

Acq: 3 Feb 2017 13:25

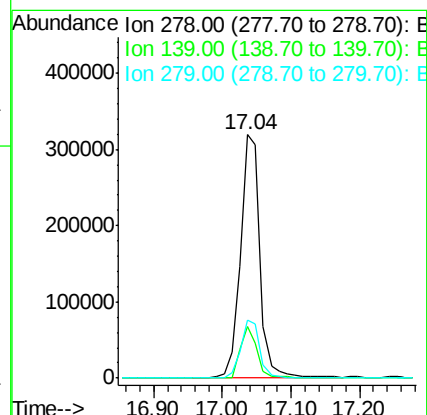
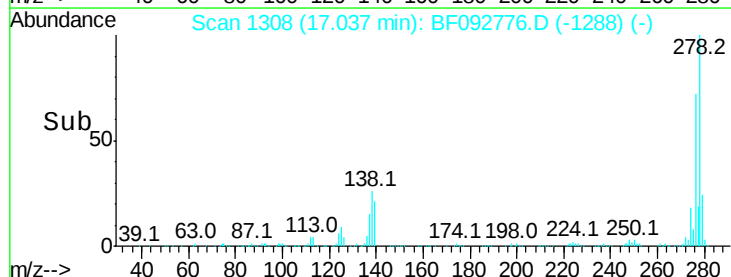
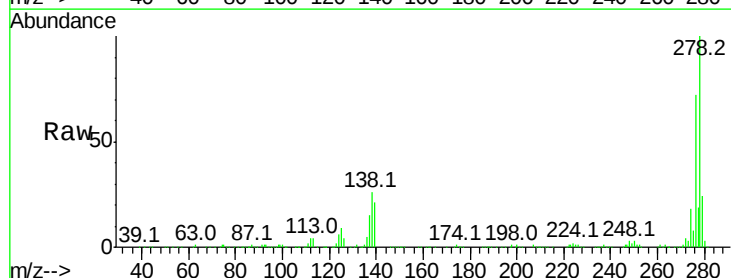
Tgt Ion:278 Resp: 636454

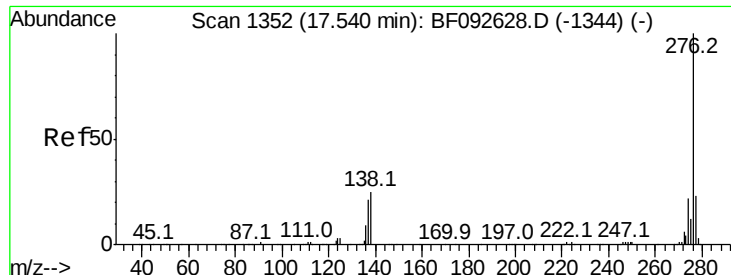
Ion Ratio Lower Upper

278 100

139 21.1 14.8 22.2

279 23.9 19.8 29.6

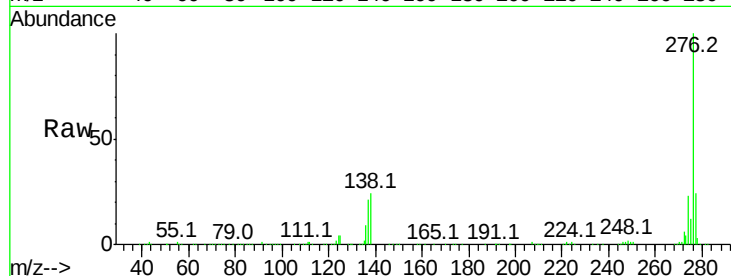




#91
 Benzo(a,h,i)perylene
 Concen: 40.57 ng
 RT: 17.47 min Scan# 1346
 Delta R.T. -0.07 min
 Lab File: BF092776.D
 Acq: 3 Feb 2017 13:25

Instrument :
 BNA_F
 ClientSampleId :
 RVE-7MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	24.1	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

