

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094439.D
 Acq On : 14 Apr 2017 20:13
 Operator : SJ/MA
 Sample : I2672-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 23:36:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 16:39:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	140853	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	574693	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	264243	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	476028	20.00	ng	0.00
75) Chrysene-d12	14.49	240	364238	20.00	ng	0.00
86) Perylene-d12	16.10	264	254897	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.33	112	939280	112.63	ng	0.01
7) Phenol-d6	5.41	99	1157321	112.18	ng	0.00
23) Nitrobenzene-d5	6.43	82	728053	72.30	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	242428	116.10	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	1271131	73.37	ng	0.00
78) Terphenyl-d14	13.21	244	1048535	64.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.13	88	127275	31.77	ng	96
3) Pyridine	2.62	79	332082	30.41	ng	99
4) n-Nitrosodimethylamine	2.59	42	162455	36.16	ng	87
6) Aniline	5.40	93	252449	17.59	ng	# 85
8) 2-Chlorophenol	5.55	128	364490	39.76	ng	96
9) Benzaldehyde	5.26	77	100664	14.45	ng	99
10) Phenol	5.42	94	486902	41.47	ng	90
11) bis(2-Chloroethyl)ether	5.49	93	340032	37.06	ng	97
12) 1,3-Dichlorobenzene	5.71	146	380669	37.02	ng	98
13) 1,4-Dichlorobenzene	5.79	146	391119	37.56	ng	95
14) 1,2-Dichlorobenzene	5.97	146	362917	37.84	ng	96
15) Benzyl Alcohol	5.95	79	285890	37.86	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.11	45	445060	31.48	ng	56
17) 2-Methylphenol	6.10	107	294417	37.50	ng	# 92
18) Hexachloroethane	6.36	117	132844	36.29	ng	# 83
19) n-Nitroso-di-n-propylamine	6.26	70	260530	39.29	ng	97
20) 3+4-Methylphenols	6.29	107	413162	43.46	ng	# 63
22) Acetophenone	6.25	105	513530	40.09	ng	# 85
24) Nitrobenzene	6.45	77	370798	37.33	ng	96
25) Isophorone	6.73	82	659573	37.27	ng	97
26) 2-Nitrophenol	6.82	139	203516	42.97	ng	95
27) 2,4-Dimethylphenol	6.90	122	334710	41.01	ng	97
28) bis(2-Chloroethoxy)methane	7.00	93	427337	36.62	ng	100
29) 2,4-Dichlorophenol	7.13	162	314795	41.25	ng	98
30) 1,2,4-Trichlorobenzene	7.22	180	300493	38.23	ng	99
31) Naphthalene	7.30	128	1032762	37.37	ng	99
32) Benzoic acid	6.90	122	334710	61.61	ng	# 12
33) 4-Chloroaniline	7.37	127	151997	13.57	ng	# 93
34) Hexachlorobutadiene	7.46	225	150327	37.30	ng	98
35) Caprolactam	7.81	113	42202	17.34	ng	99
36) 4-Chloro-3-methylphenol	8.01	107	328130	41.15	ng	90
37) 2-Methylnaphthalene	8.15	142	711989	38.65	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.35	216	270753	37.46	ng	98
40) Hexachlorocyclopentadiene	8.34	237	199718	59.04	ng	98

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 ALS Vial : 12 Sample Multiplier: 1

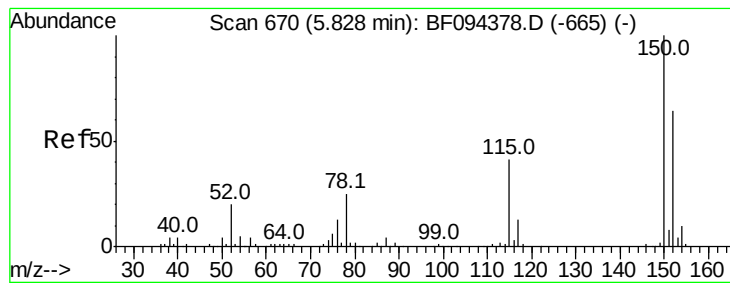
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 14 23:36:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.50	196	204362	39.96	nq	99
43) 2,4,5-Trichlorophenol	8.56	196	205807	37.19	nq	# 93
45) 1,1'-Biphenyl	8.72	154	797623	37.42	nq	99
46) 2-Chloronaphthalene	8.74	162	636696	38.16	nq	95
47) 2-Nitroaniline	8.87	65	195968	39.59	nq	87
48) Acenaphthylene	9.25	152	997501	35.97	nq	99
49) Dimethylphthalate	9.12	163	858625	45.71	nq	98
50) 2,6-Dinitrotoluene	9.18	165	173499	40.29	nq	97
51) Acenaphthene	9.46	154	600731	37.13	nq	100
52) 3-Nitroaniline	9.37	138	122802	24.29	nq	90
53) 2,4-Dinitrophenol	9.52	184	60695	29.47	nq	# 65
54) Dibenzofuran	9.67	168	859338	39.02	nq	99
55) 4-Nitrophenol	9.65	139	244715	61.80	nq	# 78
56) 2,4-Dinitrotoluene	9.67	165	212035	39.20	nq	# 84
57) Fluorene	10.09	166	670214	36.69	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.83	232	150086	39.53	nq	96
59) Diethylphthalate	9.98	149	731708	39.41	nq	99
60) 4-Chlorophenyl-phenylether	10.10	204	293945	37.78	nq	91
61) 4-Nitroaniline	10.14	138	182534	37.62	nq	98
62) Azobenzene	10.29	77	696151	39.64	nq	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	87374	29.97	nq	# 76
65) n-Nitrosodiphenylamine	10.25	169	631034	38.33	nq	99
66) 4-Bromophenyl-phenylether	10.69	248	177393	37.89	nq	96
67) Hexachlorobenzene	10.77	284	178151	37.59	nq	# 92
68) Atrazine	10.92	200	186966	37.92	nq	94
69) Pentachlorophenol	11.02	266	132595	44.95	nq	98
70) Phenanthrene	11.27	178	979990	37.01	nq	97
71) Anthracene	11.33	178	1021817	37.48	nq	98
72) Carbazole	11.54	167	968237	34.63	nq	97
73) Di-n-butylphthalate	11.99	149	1131687	38.92	nq	99
74) Fluoranthene	12.73	202	1002233	36.96	nq	99
76) Benzidine	12.90	184	268983	18.66	nq	# 91
77) Pyrene	13.00	202	1009628	38.19	nq	99
79) Butylbenzylphthalate	13.82	149	469733	41.71	nq	# 86
80) Benzo(a)anthracene	14.47	228	786544	37.03	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	153833	20.26	nq	# 97
82) Chrysene	14.52	228	718096	36.43	nq	99
83) Bis(2-ethylhexyl)phthalate	14.54	149	653472	42.53	nq	# 99
84) Di-n-octyl phthalate	15.29	149	990290	38.58	nq	98
85) Indeno(1,2,3-cd)pyrene	17.39	276	587867	34.44	nq	100
87) Benzo(b)fluoranthene	15.70	252	605601	38.76	nq	99
88) Benzo(k)fluoranthene	15.73	252	588884	38.52	nq	96
89) Benzo(a)pyrene	16.04	252	550054	38.23	nq	99
90) Dibenzo(a,h)anthracene	17.40	278	486539	39.93	nq	97
91) Benzo(g,h,i)perylene	17.76	276	501361	40.83	nq	97

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

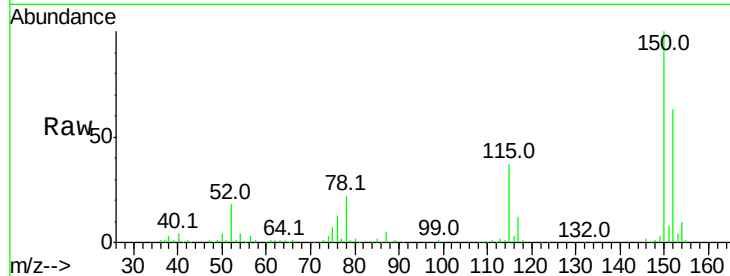


#1

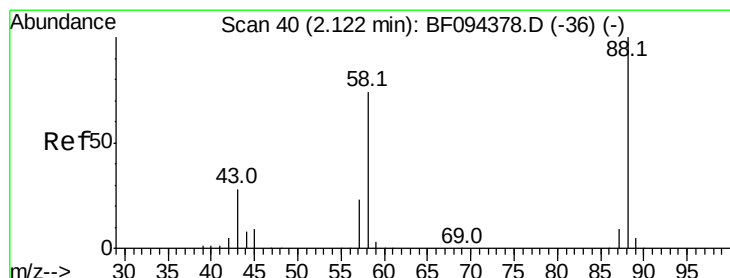
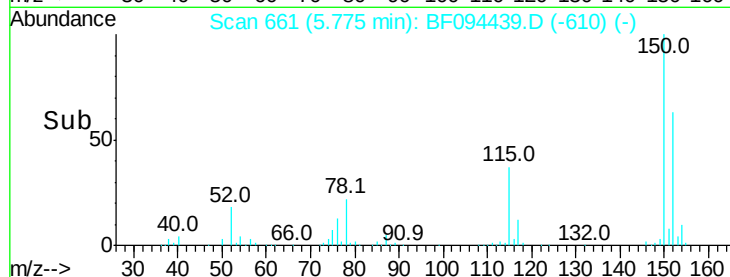
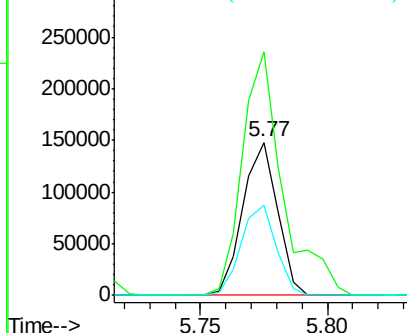
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 140853
Ion Ratio Lower Upper
152 100
150 158.9 126.2 189.2
115 59.2 52.2 78.2



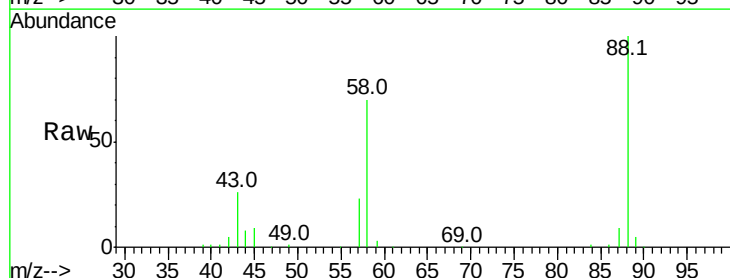
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



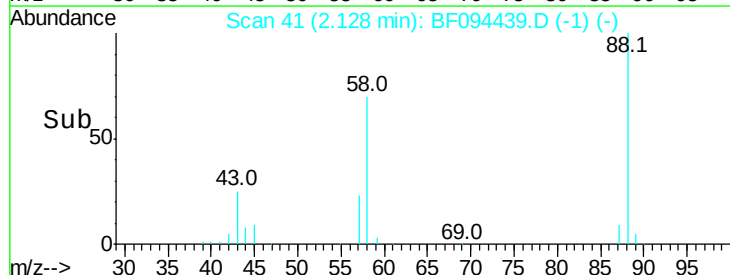
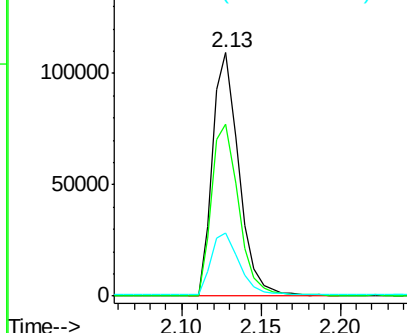
#2

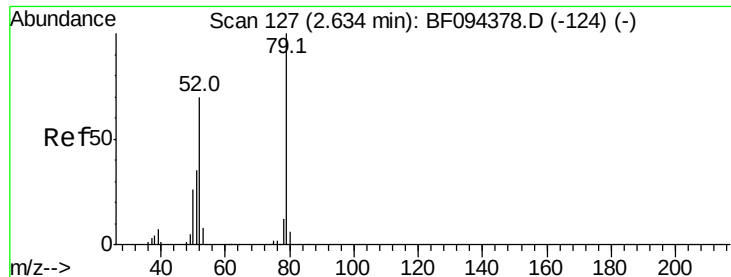
1,4-Dioxane
Concen: 31.77 ng
RT: 2.13 min Scan# 41
Delta R.T. 0.04 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

Tgt Ion: 88 Resp: 127275
Ion Ratio Lower Upper
88 100
58 72.9 61.4 92.0
43 27.2 23.4 35.0



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: 30.41 ng

RT: 2.62 min Scan# 125

Delta R.T. 0.03 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampled :

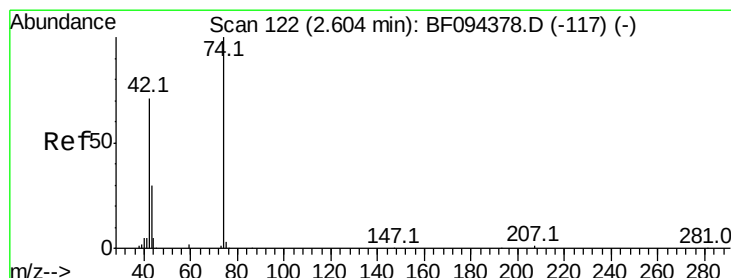
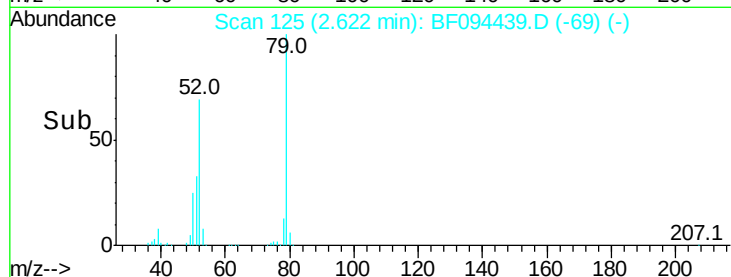
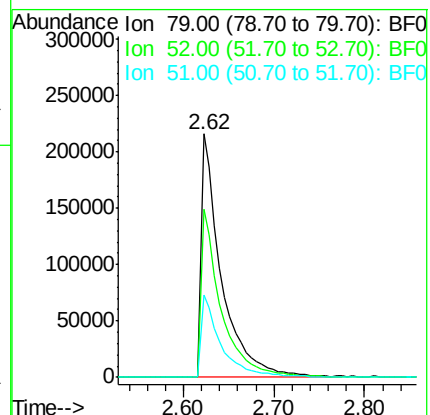
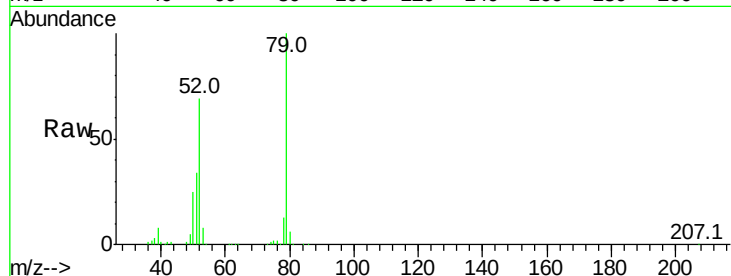
Tot Ion: 79 Resp: 332082

Ion Ratio Lower Upper

79 100

52 69.1 54.8 82.2

51 33.6 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 36.16 ng

RT: 2.59 min Scan# 119

Delta R.T. 0.02 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

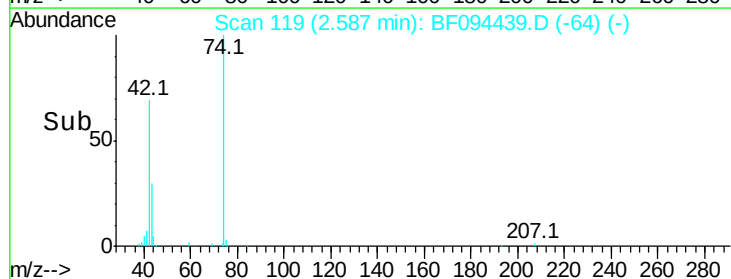
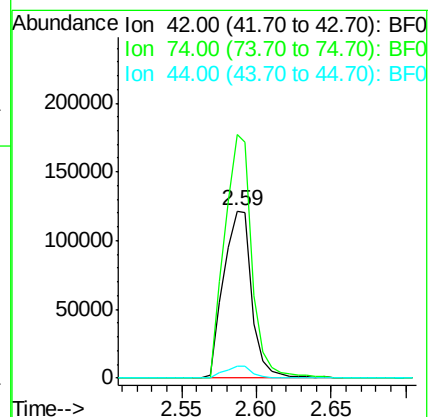
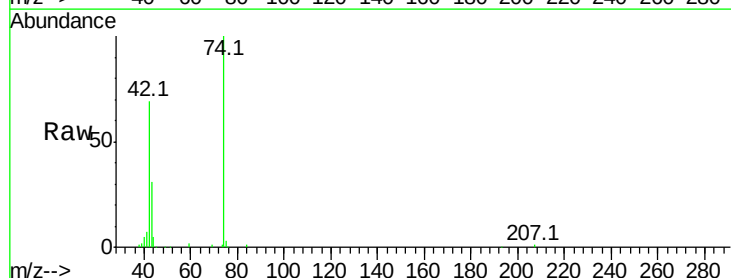
Tgt Ion: 42 Resp: 162455

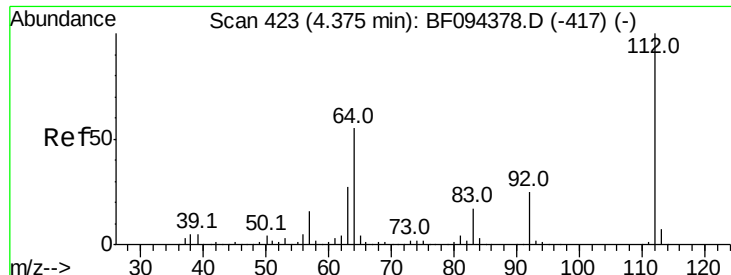
Ion Ratio Lower Upper

42 100

74 145.5 103.9 155.9

44 6.9 5.7 8.5

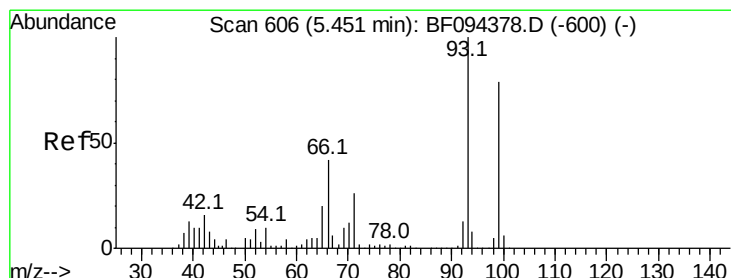
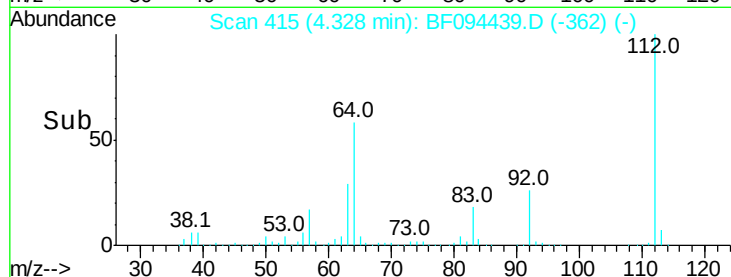
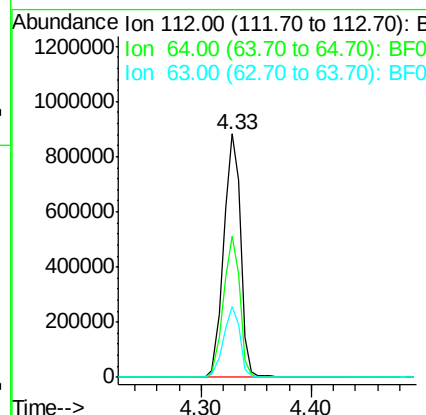
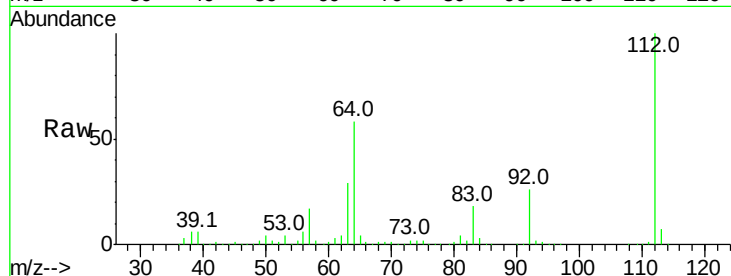




#5
 2-Fluorophenol
 Concen: 112.63 ng
 RT: 4.33 min Scan# 415
 Delta R.T. 0.01 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

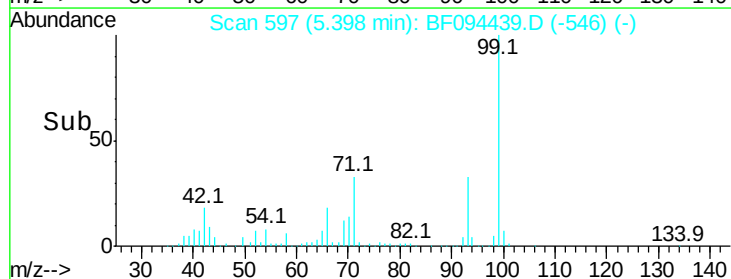
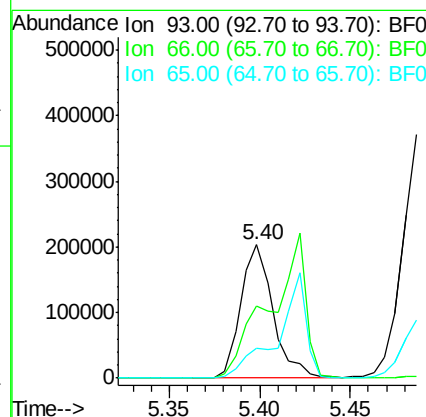
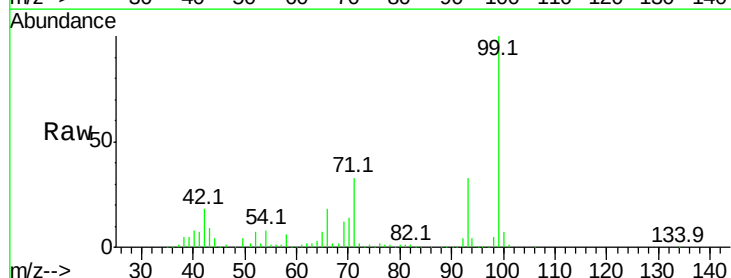
Instrument :
 BNA_F
 ClientSampled :

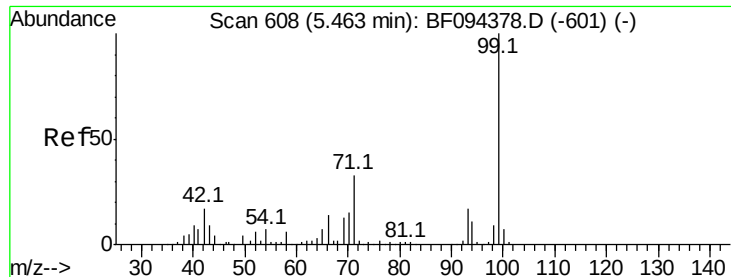
Tot Ion:	112	Resp:	939280
Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.0	69.0
63	29.1	23.4	35.0



#6
 Aniline
 Concen: 17.59 ng
 RT: 5.40 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

Tgt Ion:	93	Resp:	252449
Ion	Ratio	Lower	Upper
93	100		
66	53.9	32.9	49.3#
65	22.0	16.0	24.0





#7

Phenol-d6

Concen: 112.18 ng

RT: 5.41 min Scan# 599

Delta R.T. 0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampled :

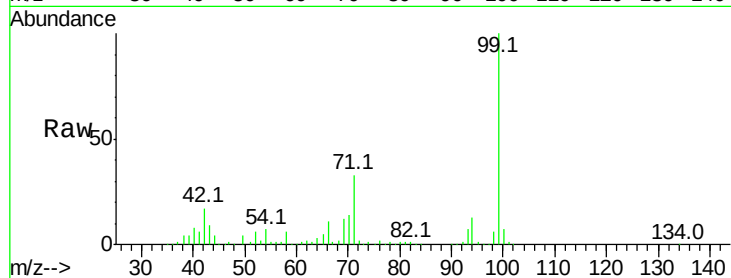
Tot Ion: 99 Resp: 1157321

Ion Ratio Lower Upper

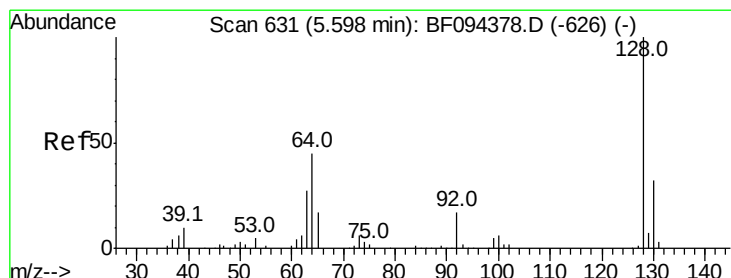
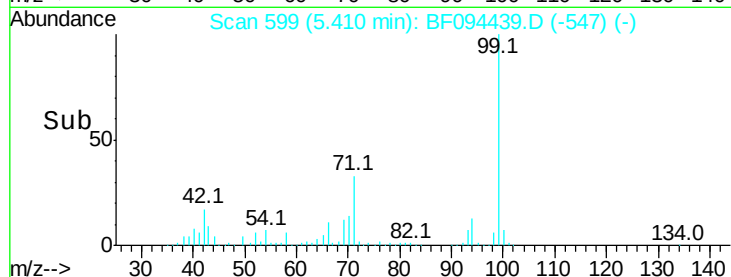
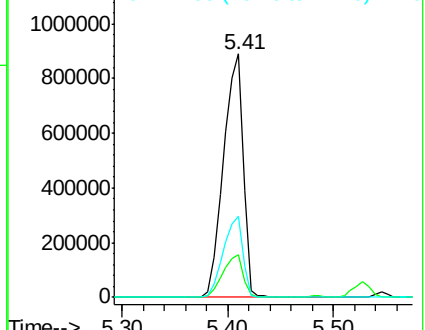
99 100

42 17.4 13.5 20.3

71 33.5 24.5 36.7



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: 39.76 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

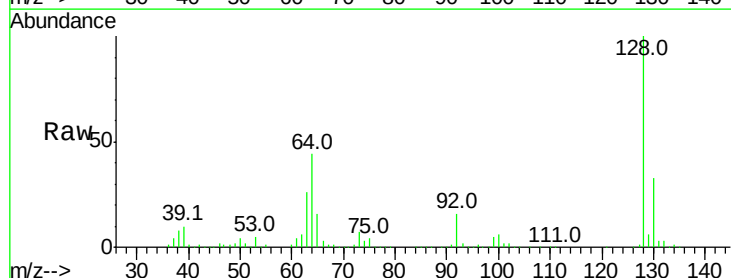
Tgt Ion: 128 Resp: 364490

Ion Ratio Lower Upper

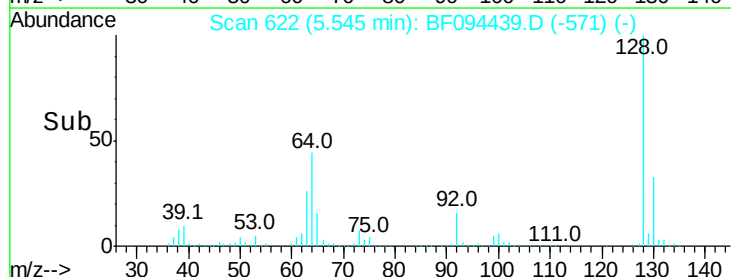
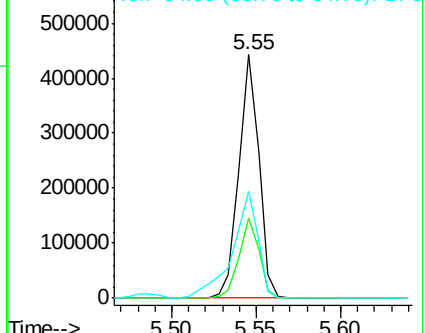
128 100

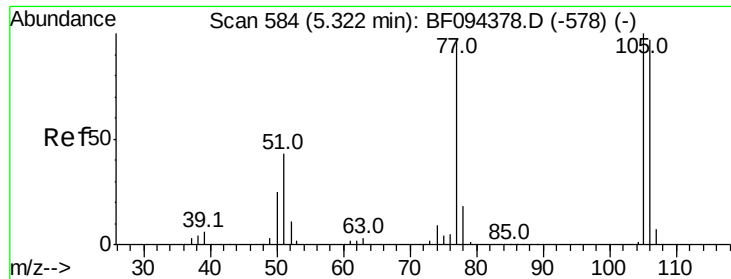
130 33.0 12.9 52.9

64 43.7 28.4 68.4



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: 14.45 ng

RT: 5.26 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

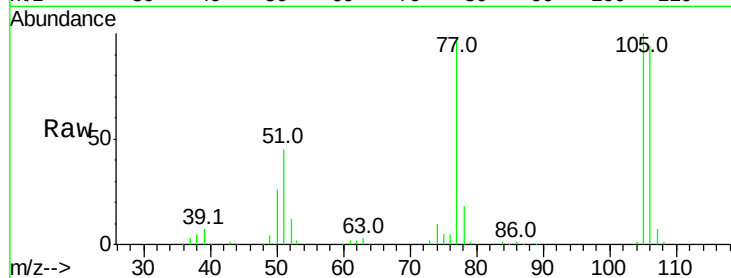
Tot Ion: 77 Resp: 100664

Ion Ratio Lower Upper

77 100

105 103.0 83.8 123.8

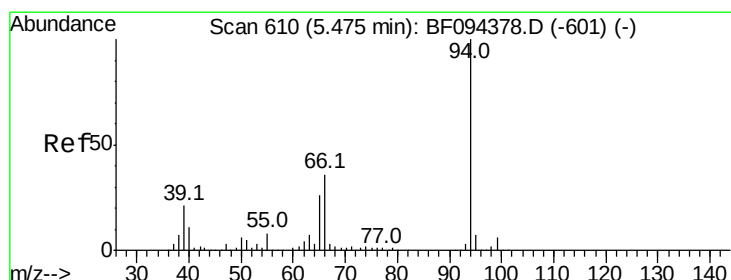
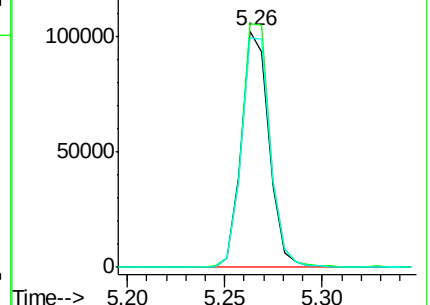
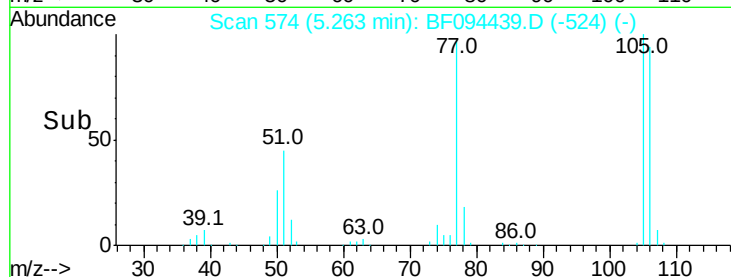
106 97.1 79.1 119.1



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: 41.47 ng

RT: 5.42 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

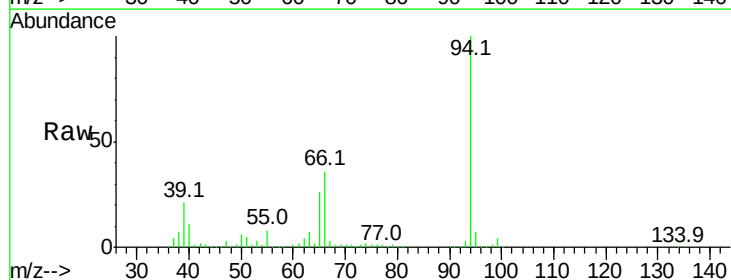
Tgt Ion: 94 Resp: 486902

Ion Ratio Lower Upper

94 100

65 26.1 9.9 49.9

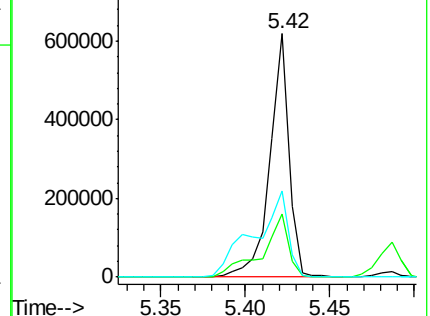
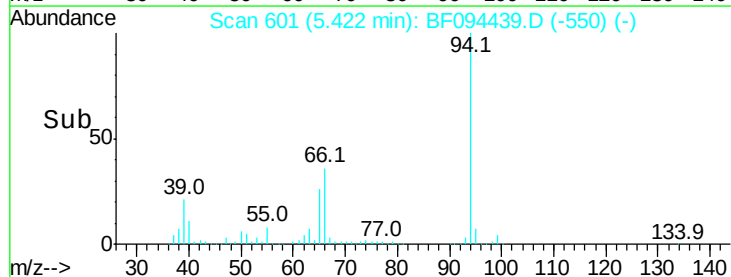
66 35.6 23.1 63.1

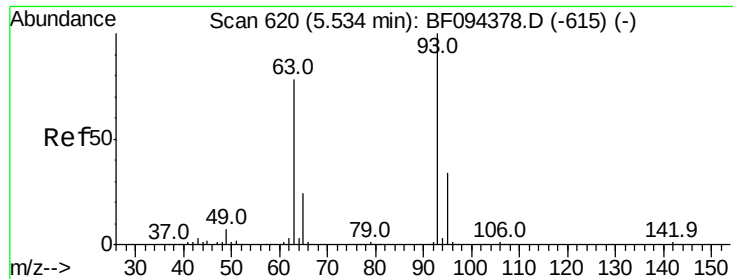


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.06 ng

RT: 5.49 min Scan# 612

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

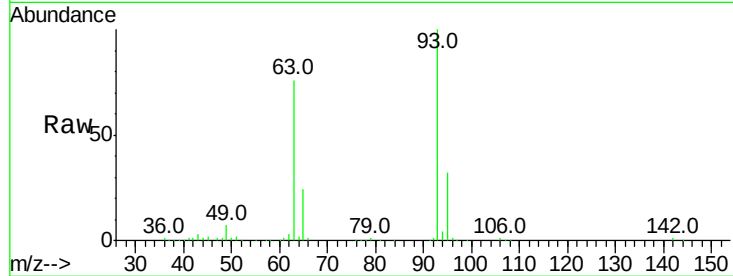
Tot Ion: 93 Resp: 340032

Ion Ratio Lower Upper

93 100

63 76.0 59.2 99.2

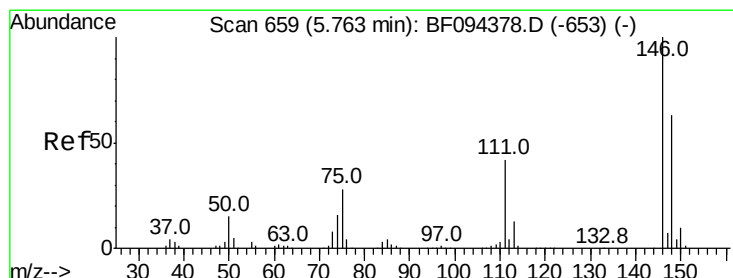
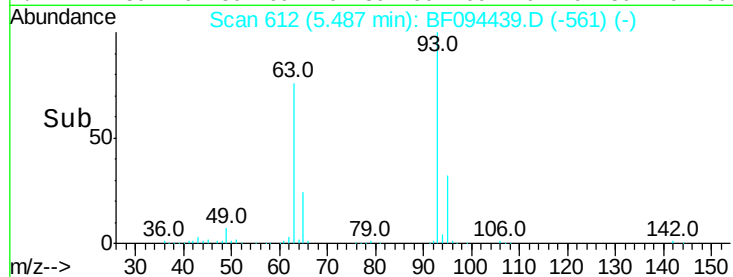
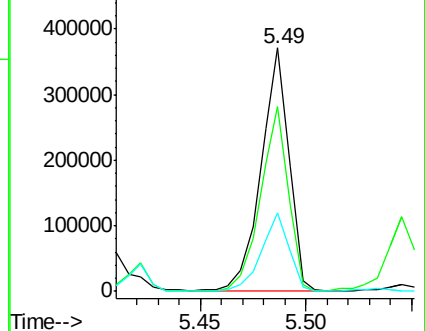
95 32.0 12.8 52.8



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: 37.02 ng

RT: 5.71 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

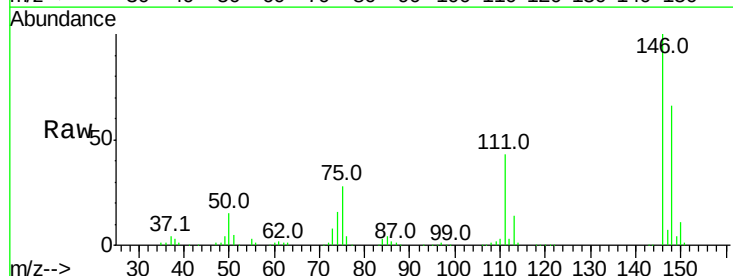
Tgt Ion: 146 Resp: 380669

Ion Ratio Lower Upper

146 100

148 65.8 51.8 77.6

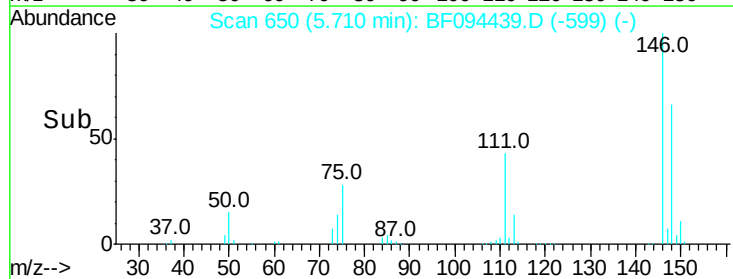
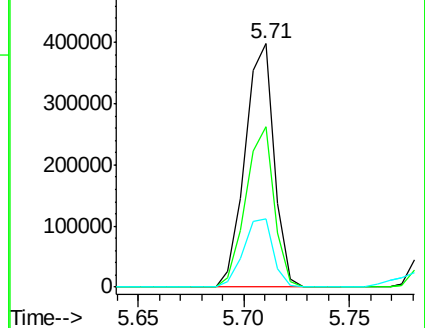
75 28.0 23.1 34.7

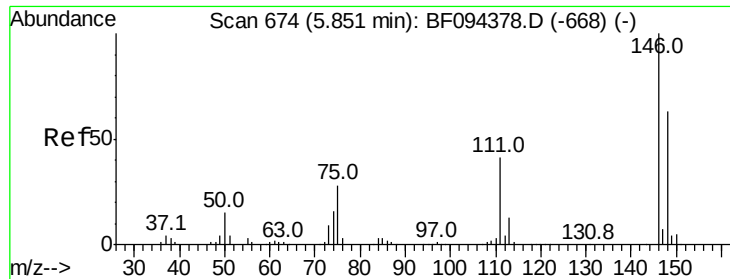


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

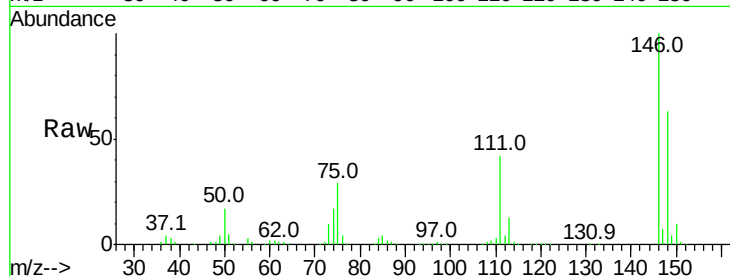




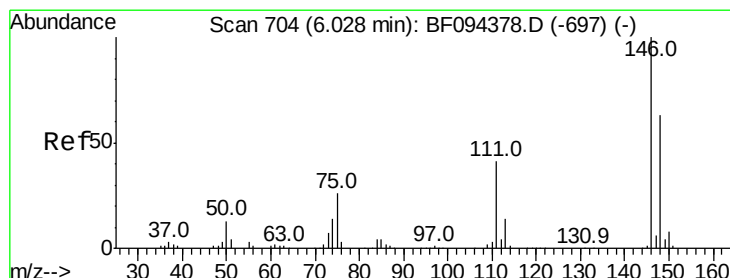
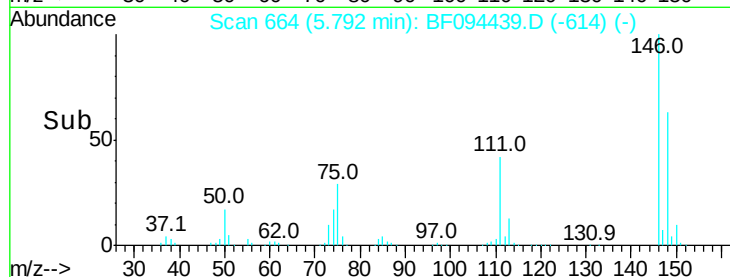
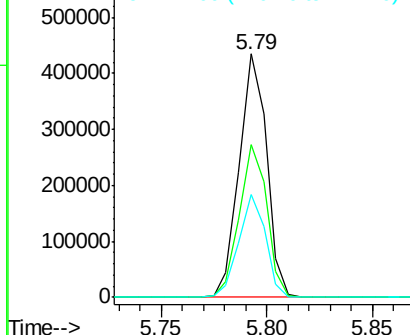
#13
 1,4-Dichlorobenzene
 Concen: 37.56 ng
 RT: 5.79 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.2	78.2
111	42.5	30.3	45.5

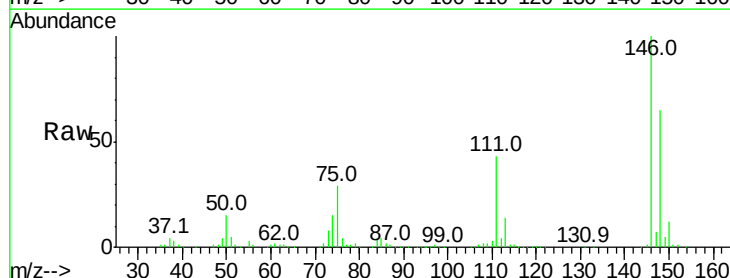


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

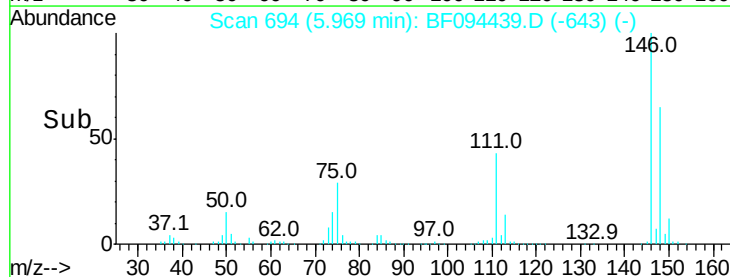
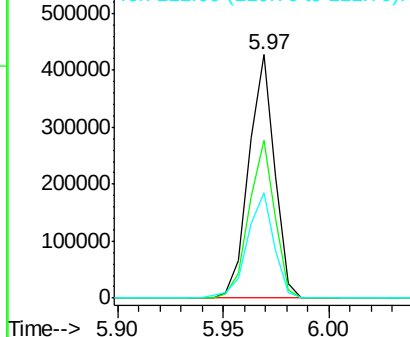


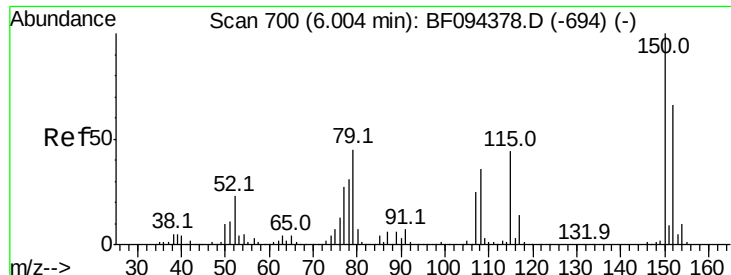
#14
 1,2-Dichlorobenzene
 Concen: 37.84 ng
 RT: 5.97 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.4	75.6
111	43.2	38.2	57.4



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

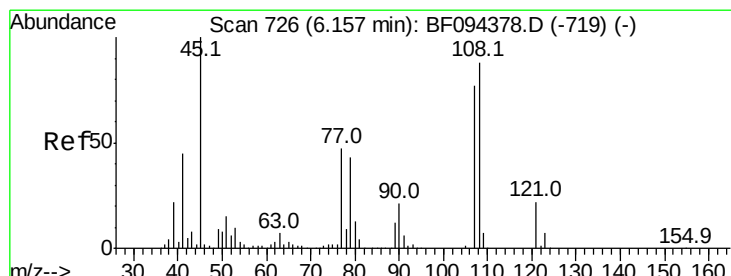
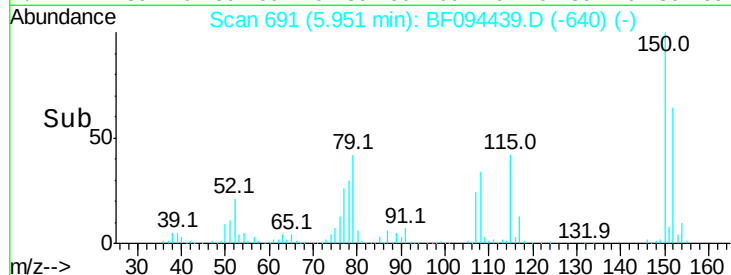
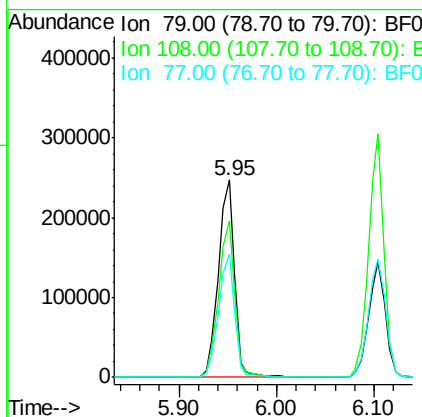
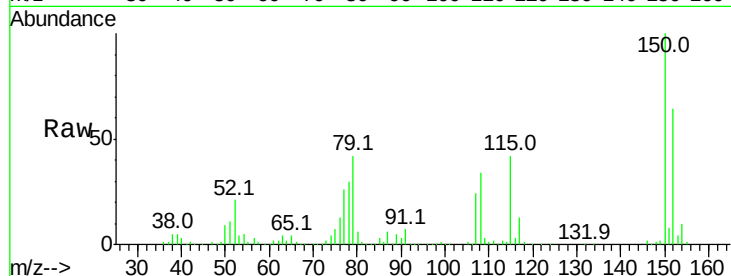




#15
Benzyl Alcohol
Concen: 37.86 ng
RT: 5.95 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

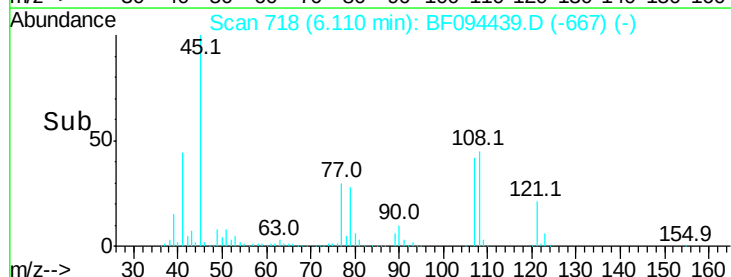
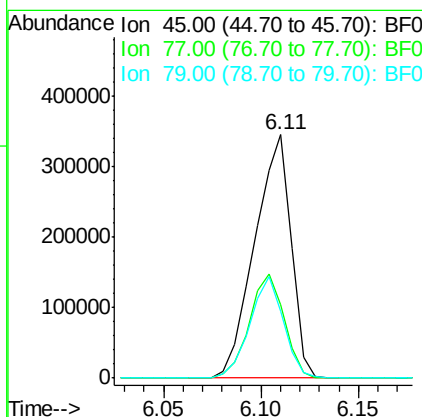
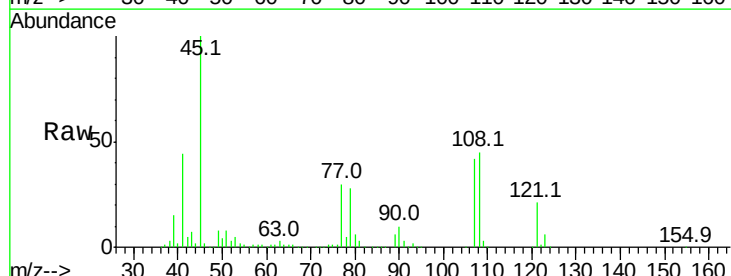
Instrument :
BNA_F
ClientSampleId :

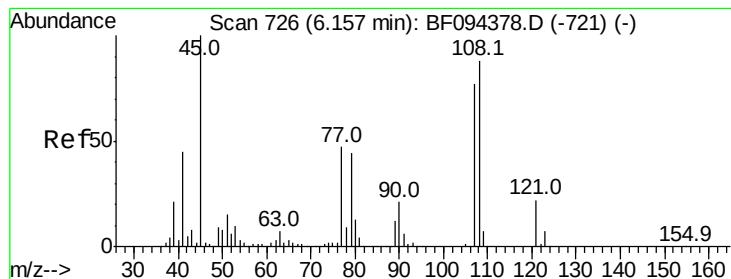
Tot Ion: 79 Resp: 285890
Ion Ratio Lower Upper
79 100
108 79.6 63.4 95.0
77 62.6 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.48 ng
RT: 6.11 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

Tgt Ion: 45 Resp: 445060
Ion Ratio Lower Upper
45 100
77 30.0 0.0 33.2
79 27.5 0.0 30.0





#17

2-Methylphenol

Concen: 37.50 ng

RT: 6.10 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF094439.D

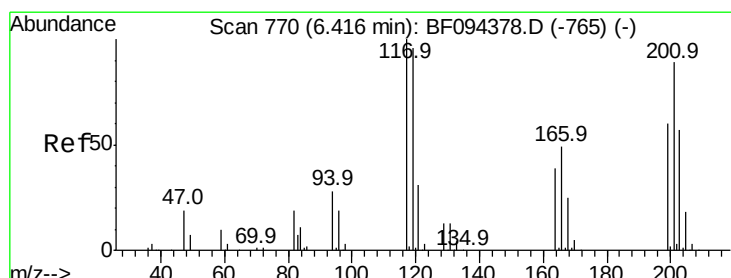
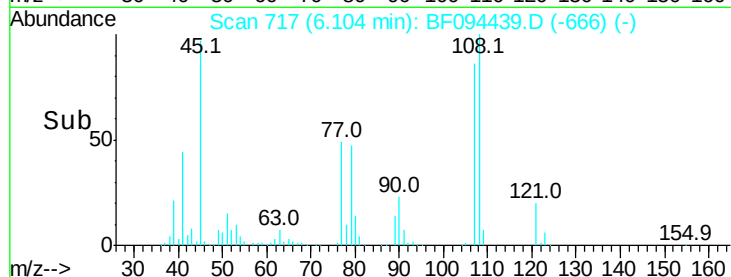
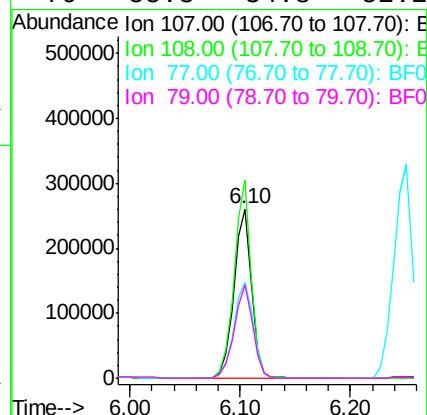
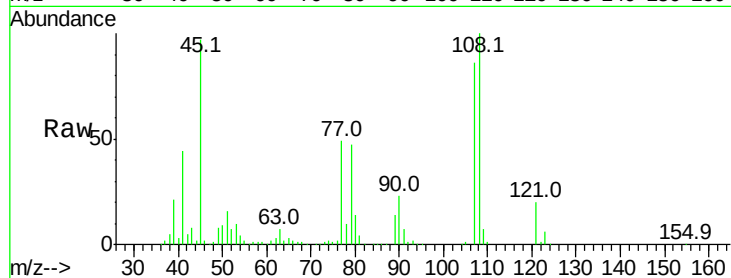
Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampled :

Tot Ion:	107	Resp:	294417
Ion	Ratio	Lower	Upper
107	100		
108	116.9	93.4	140.0
77	57.0	35.8	53.6#
79	55.3	34.8	52.2#



#18

Hexachloroethane

Concen: 36.29 ng

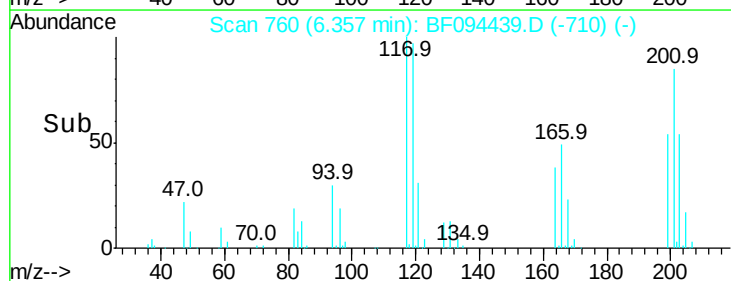
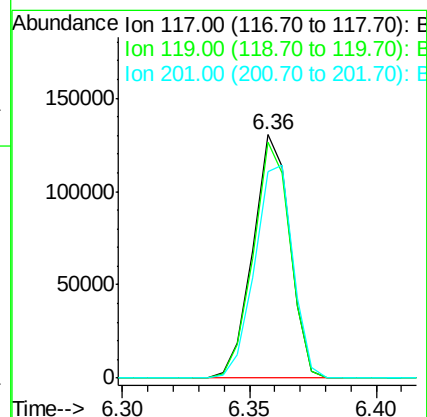
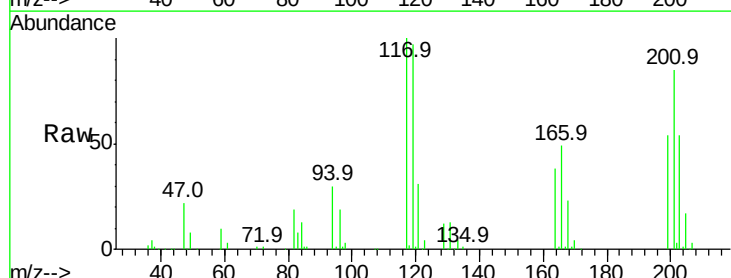
RT: 6.36 min Scan# 760

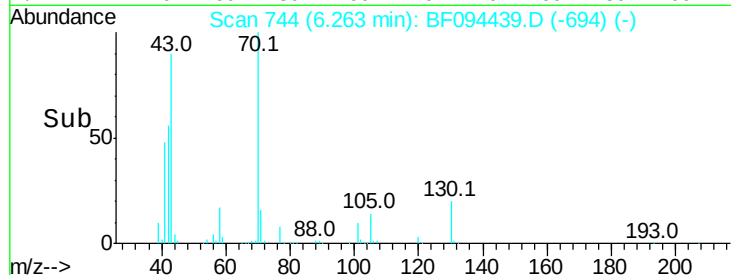
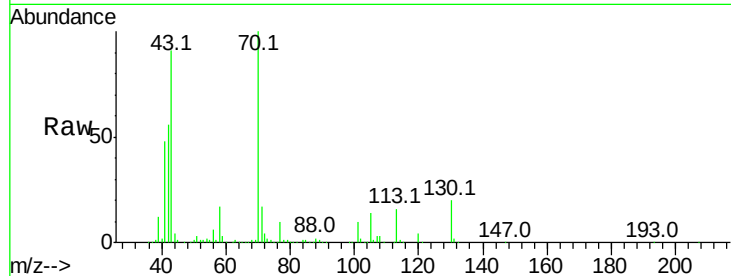
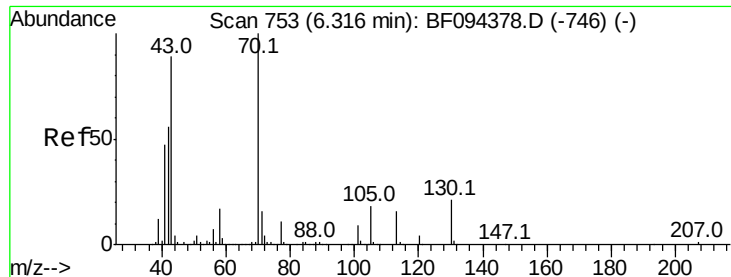
Delta R.T. -0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Tgt Ion:	117	Resp:	132844
Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.4	116.0
201	84.7	94.6	141.8#

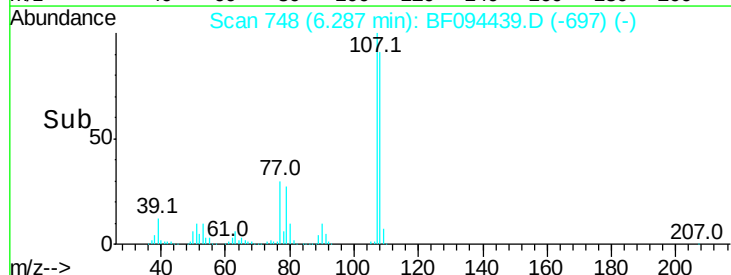
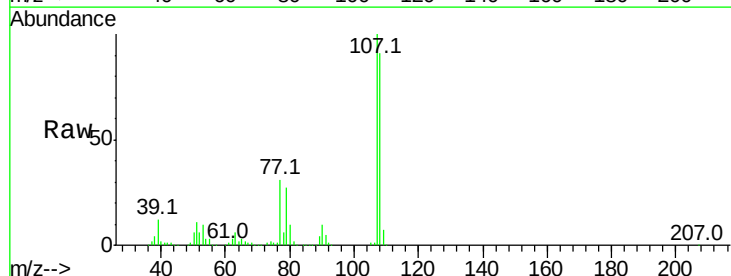
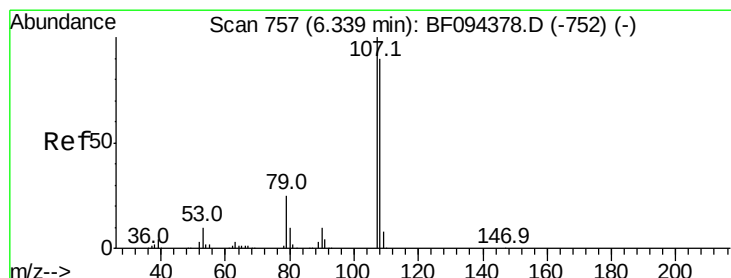
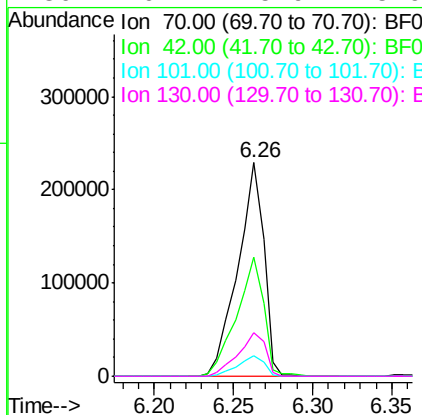




#19
n-Nitroso-di-n-propylamine
Concen: 39.29 ng
RT: 6.26 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

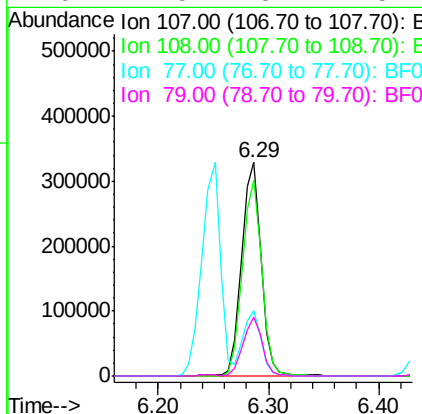
Instrument :
BNA_F
ClientSampleId :

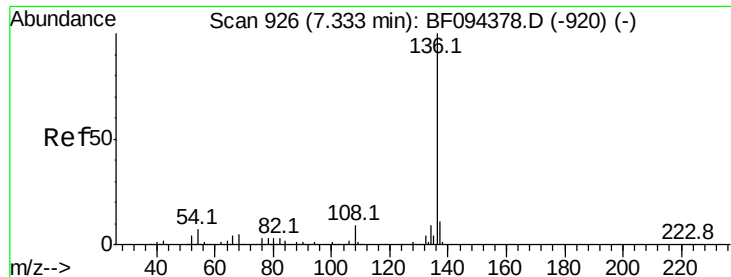
Tot Ion:	70	Resp:	260530
Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.2	70.8
101	9.5	7.2	10.8
130	20.4	15.9	23.9



#20
3+4-Methylphenols
Concen: 43.46 ng
RT: 6.29 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

Tgt Ion:	107	Resp:	413162
Ion	Ratio	Lower	Upper
107	100		
108	91.5	71.0	111.0
77	30.6	90.5	130.5#
79	27.5	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

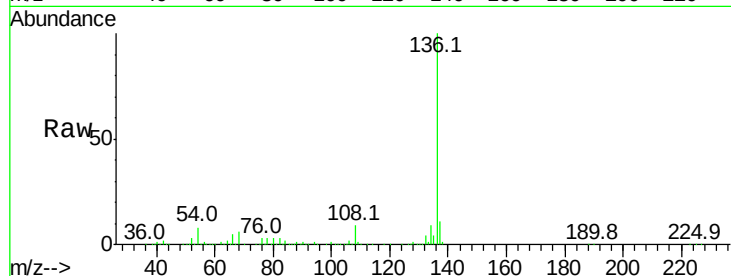
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 574693

Ion Ratio Lower Upper

136	100		
137	10.8	8.5	12.7
54	7.7	4.9	7.3#
68	5.7	4.1	6.1



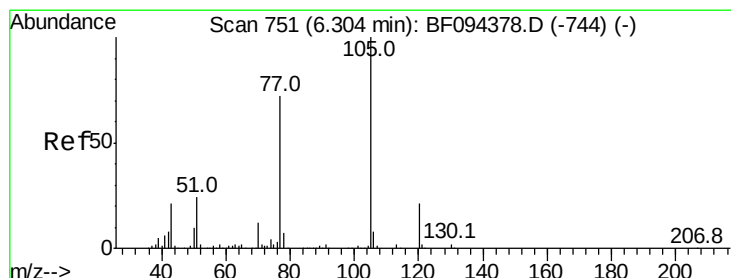
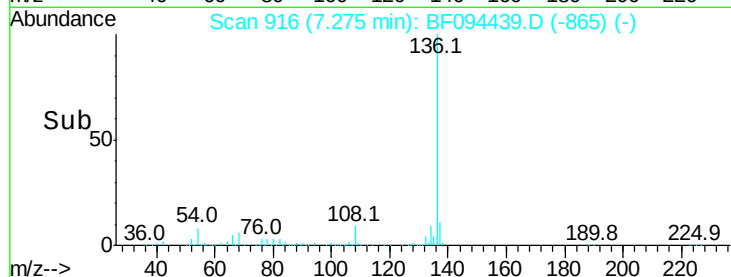
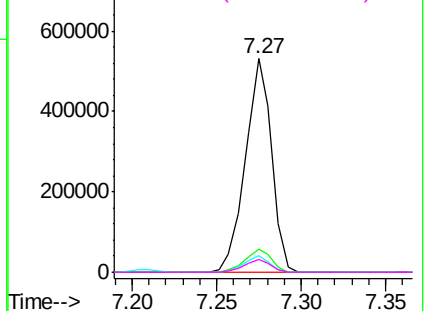
Abundance

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: 40.09 ng

RT: 6.25 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Tgt Ion:105 Resp: 513530

Ion Ratio Lower Upper

105	100		
71	3.6	2.8	4.2
51	24.1	30.7	46.1#
120	21.1	17.4	26.0

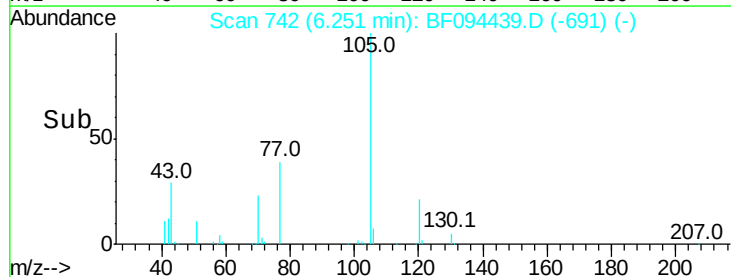
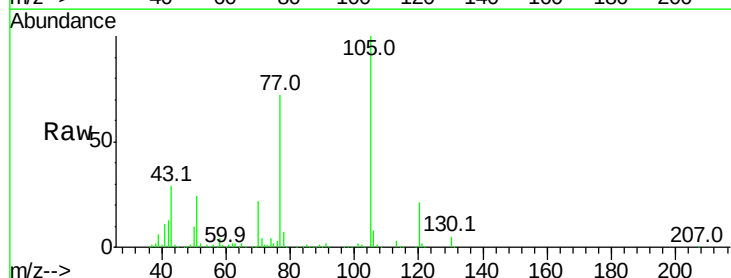
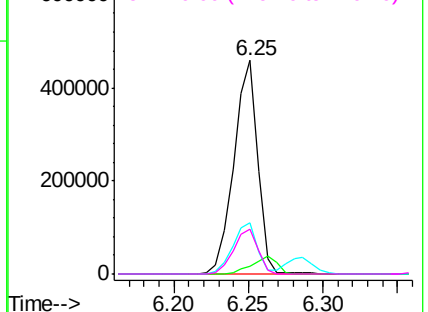
Abundance

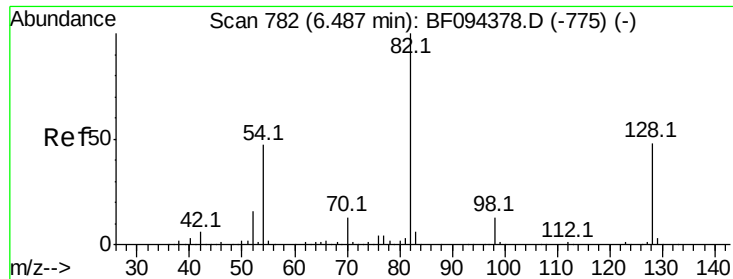
Ion 105.00 (104.70 to 105.70): E

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

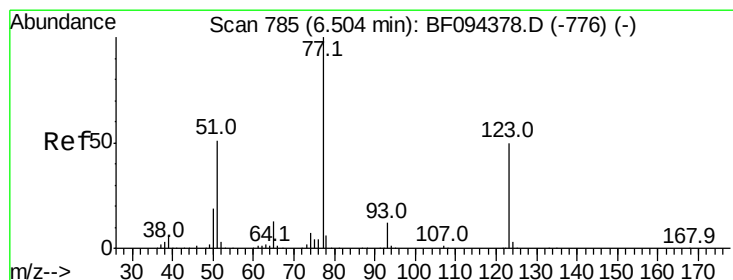
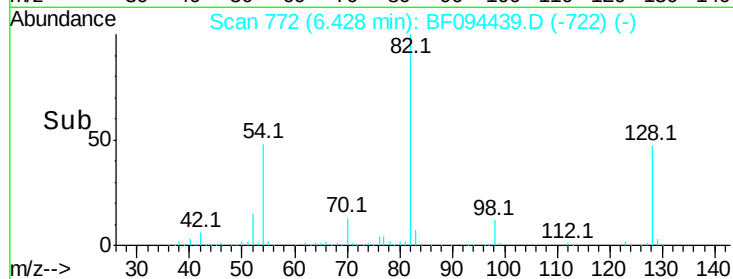
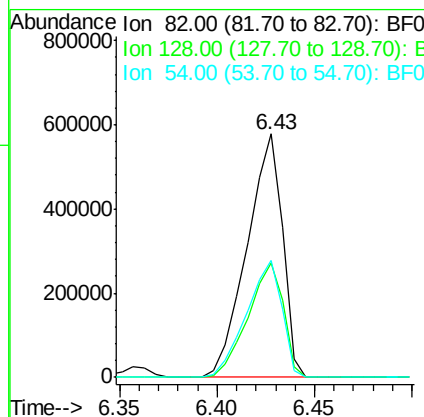
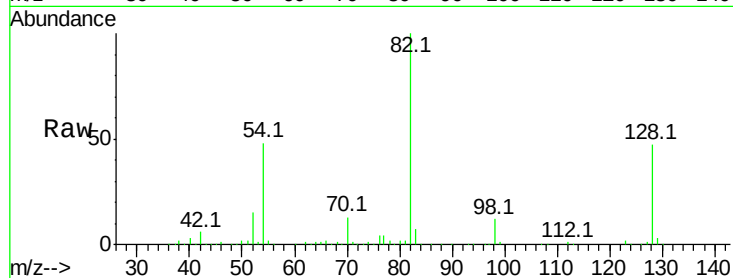




#23
 Nitrobenzene-d5
 Concen: 72.30 ng
 RT: 6.43 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

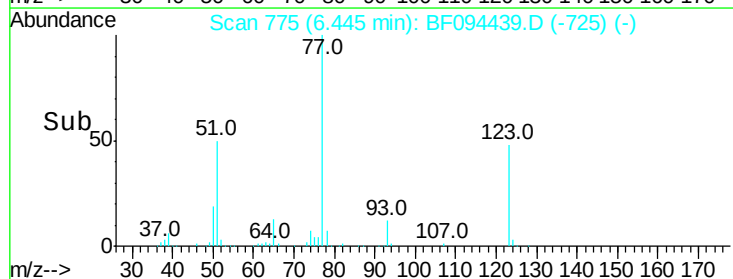
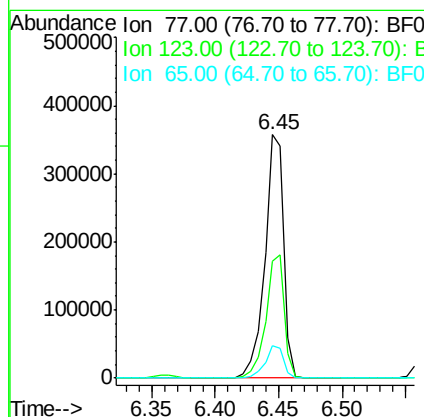
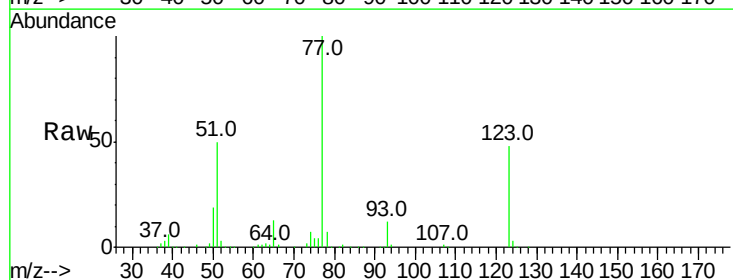
Instrument :
 BNA_F
 ClientSampleId :

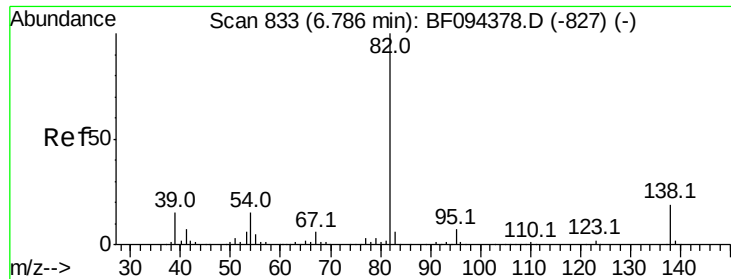
Tot Ion: 82 Resp: 728053
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.0 51.0
 54 48.0 42.2 63.2



#24
 Nitrobenzene
 Concen: 37.33 ng
 RT: 6.45 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

Tgt Ion: 77 Resp: 370798
 Ion Ratio Lower Upper
 77 100
 123 48.0 35.8 53.8
 65 13.3 10.6 15.8





#25

Isophorone

Concen: 37.27 ng

RT: 6.73 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

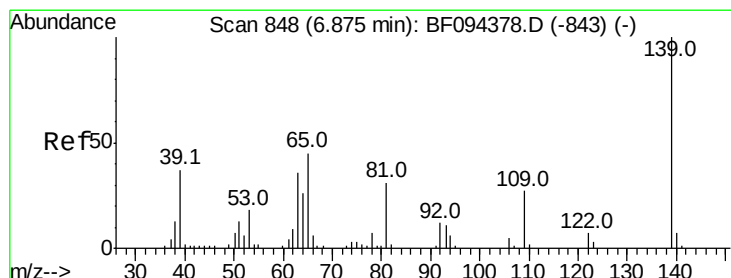
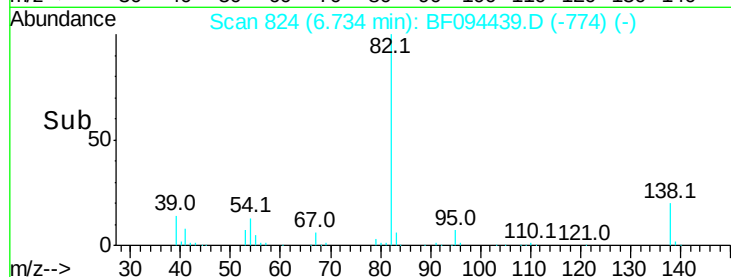
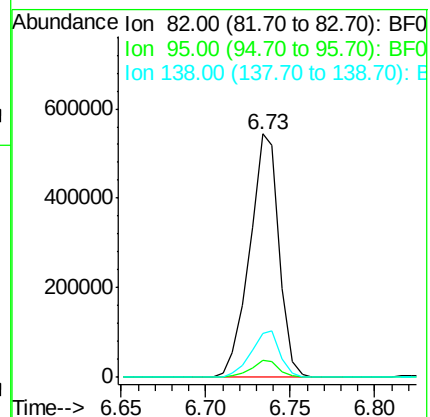
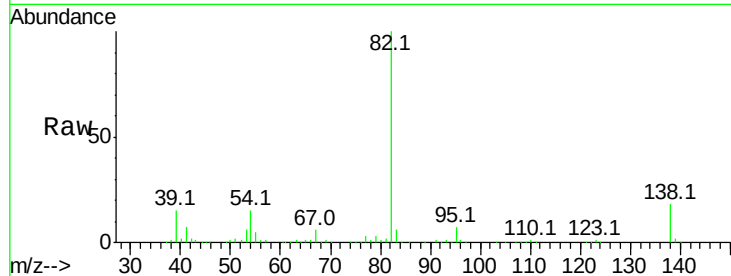
Tot Ion: 82 Resp: 659573

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.3 13.1 19.7



#26

2-Nitrophenol

Concen: 42.97 ng

RT: 6.82 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

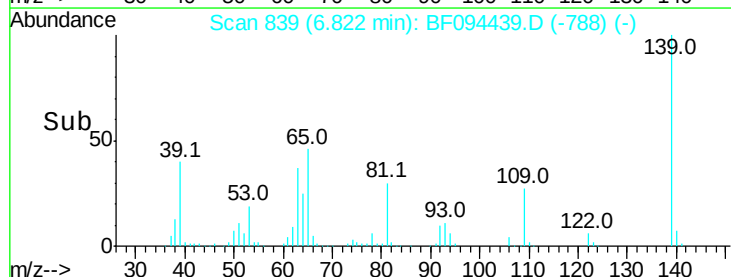
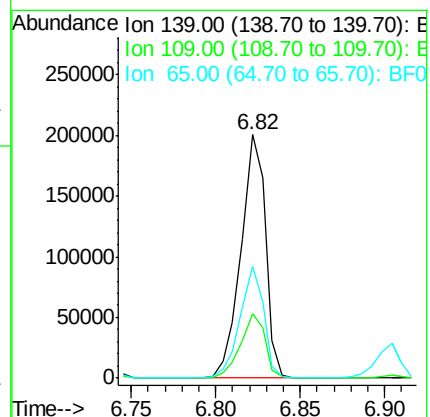
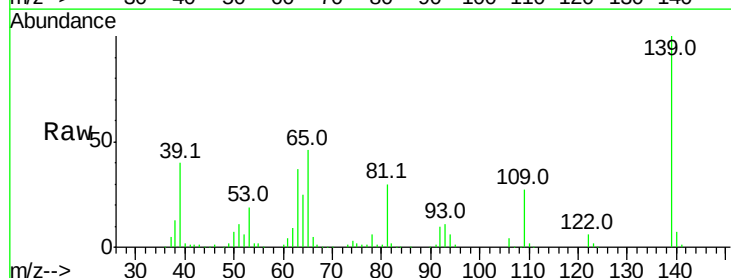
Tgt Ion:139 Resp: 203516

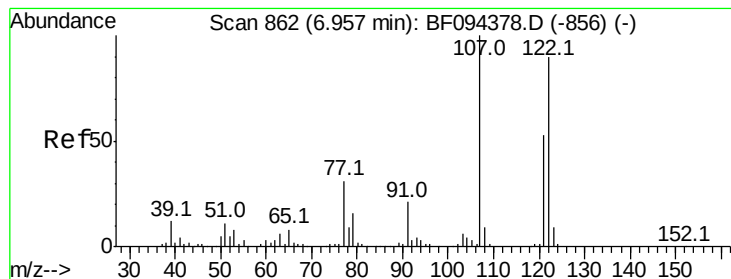
Ion Ratio Lower Upper

139 100

109 26.6 21.0 31.6

65 46.1 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 41.01 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampled :

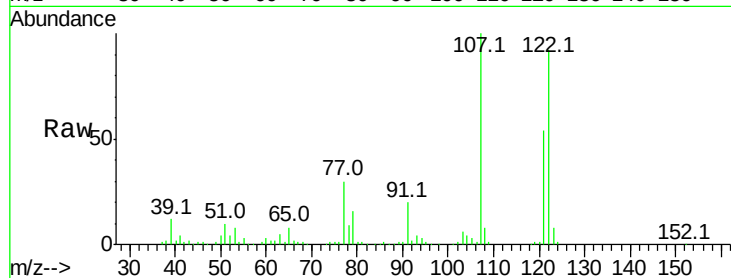
Tot Ion:122 Resp: 334710

Ion Ratio Lower Upper

122 100

107 109.2 89.2 133.8

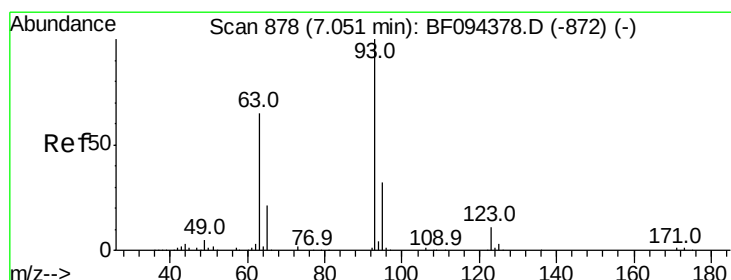
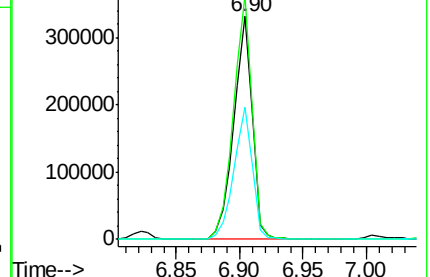
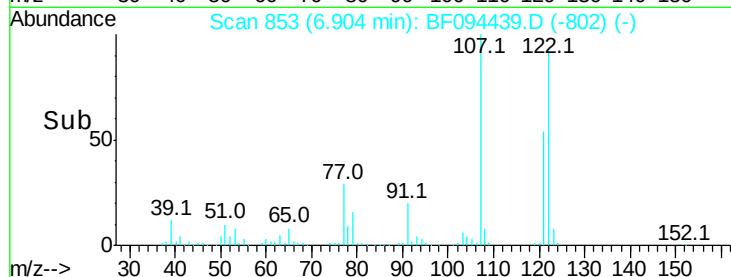
121 59.4 45.2 67.8



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: 36.62 ng

RT: 7.00 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

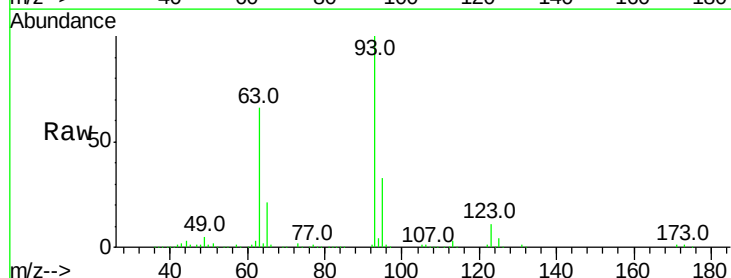
Tgt Ion: 93 Resp: 427337

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

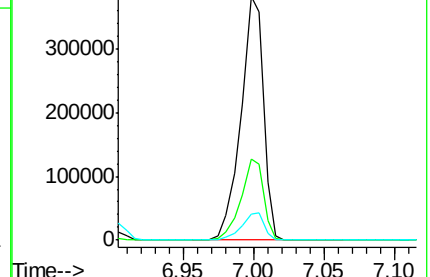
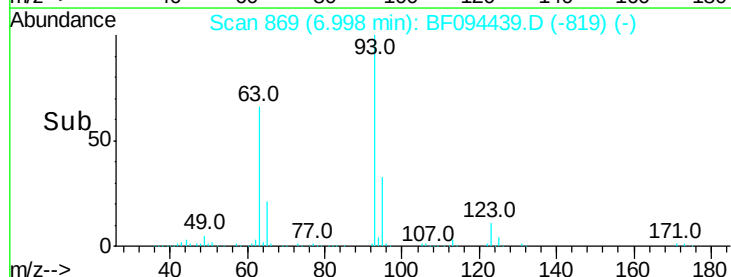
123 10.7 9.0 13.4

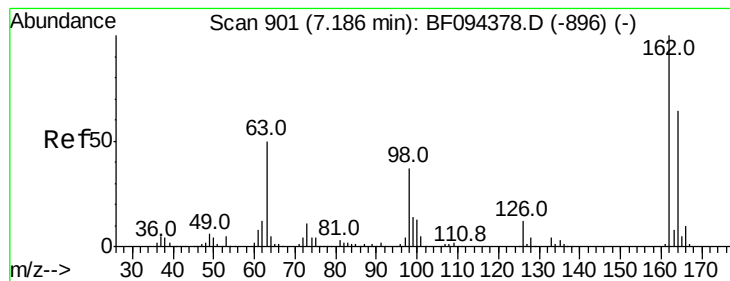


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.25 ng

RT: 7.13 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

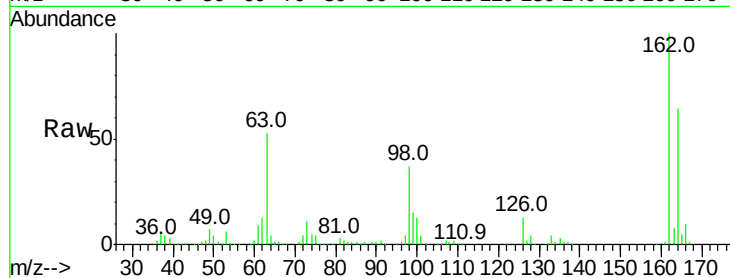
Tot Ion:162 Resp: 314795

Ion Ratio Lower Upper

162 100

164 63.5 44.6 84.6

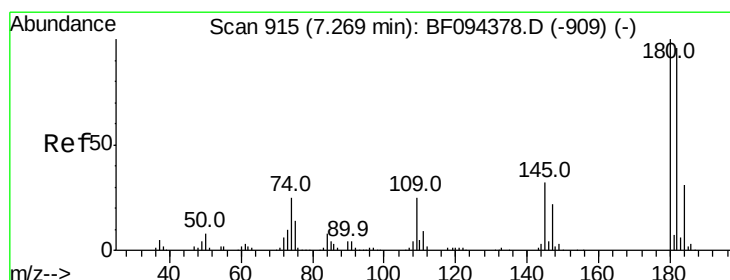
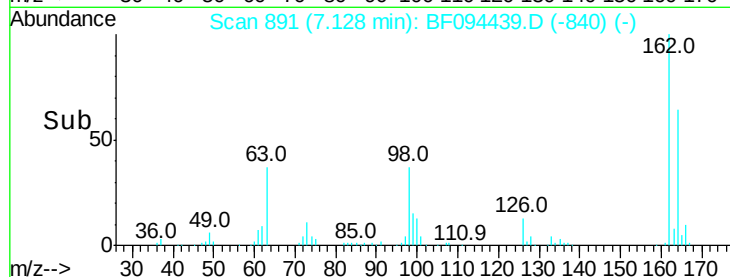
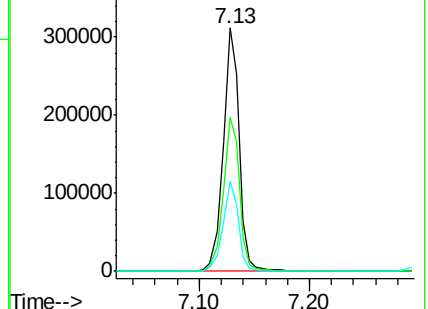
98 37.1 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 38.23 ng

RT: 7.22 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

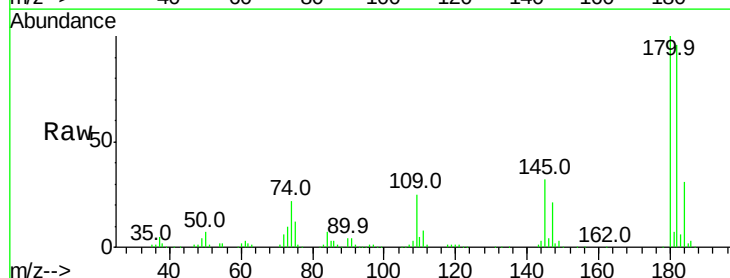
Tgt Ion:180 Resp: 300493

Ion Ratio Lower Upper

180 100

182 96.3 75.8 113.6

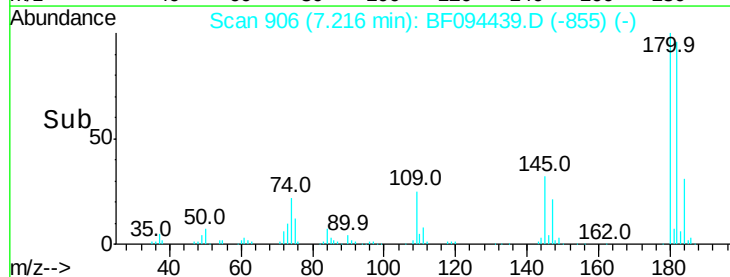
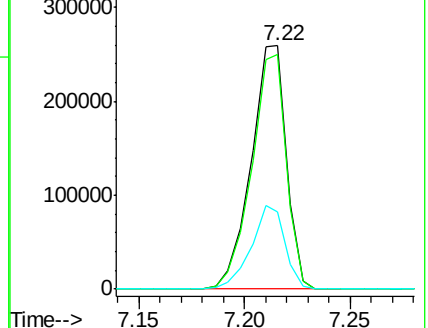
145 31.8 25.3 37.9

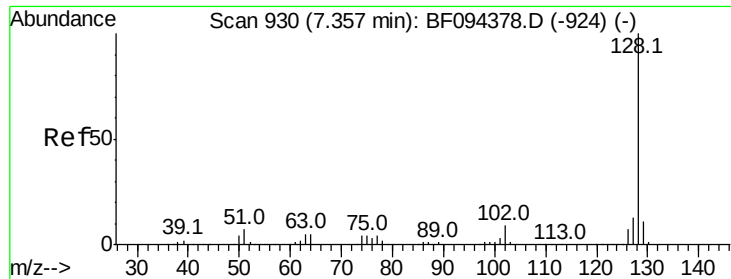


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

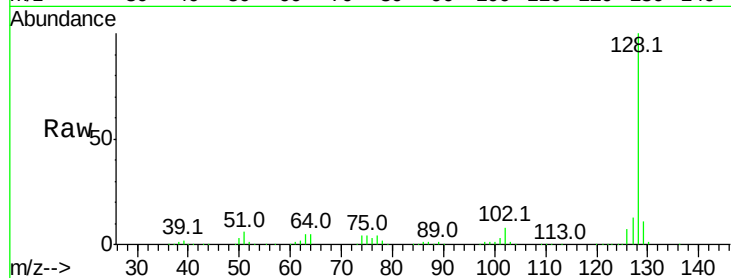




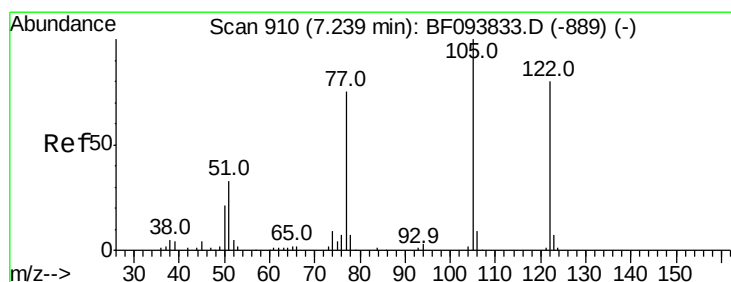
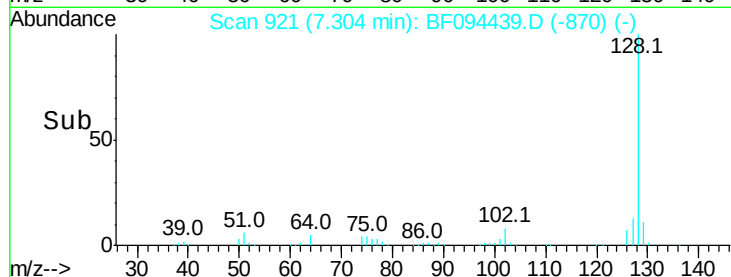
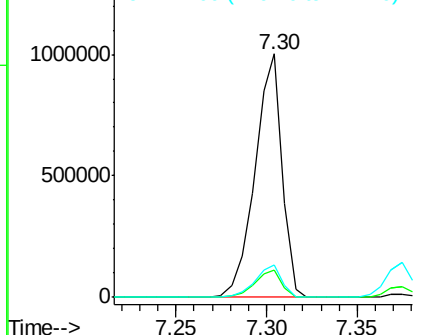
#31
Naphthalene
Concen: 37.37 ng
RT: 7.30 min Scan# 921
Delta R.T. -0.00 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1032762
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.3 10.8 16.2

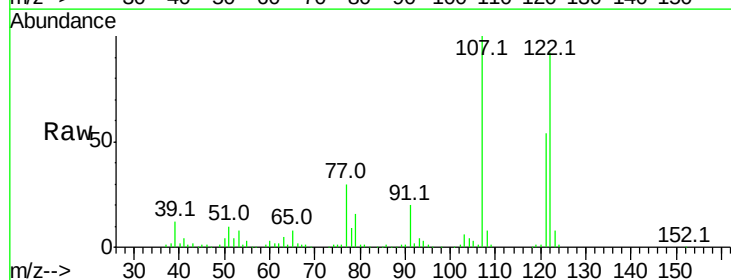


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

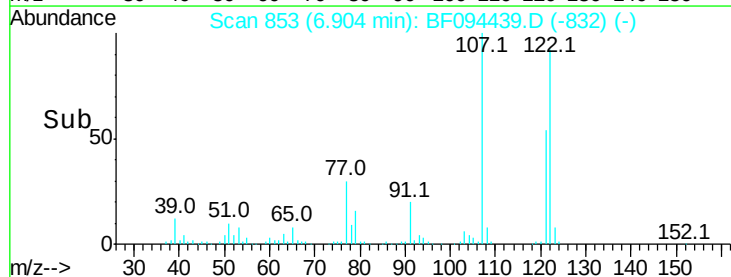
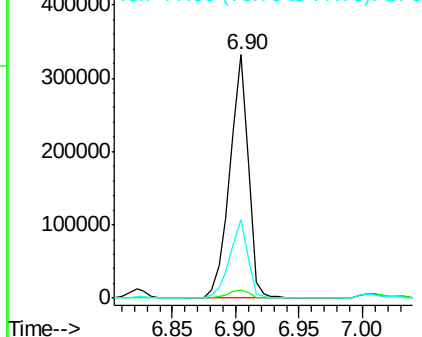


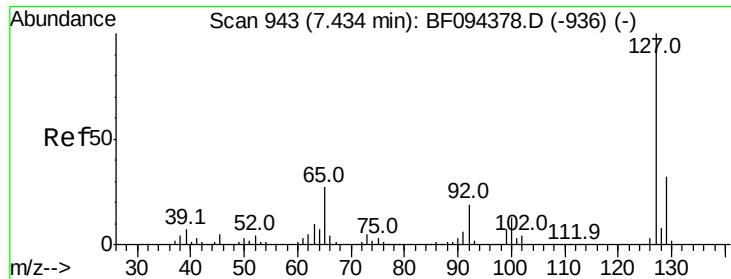
#32
Benzoic acid
Concen: 61.61 ng
RT: 6.90 min Scan# 853
Delta R.T. -0.18 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

Tgt Ion:122 Resp: 334710
Ion Ratio Lower Upper
122 100
105 3.6 103.3 143.3#
77 32.5 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

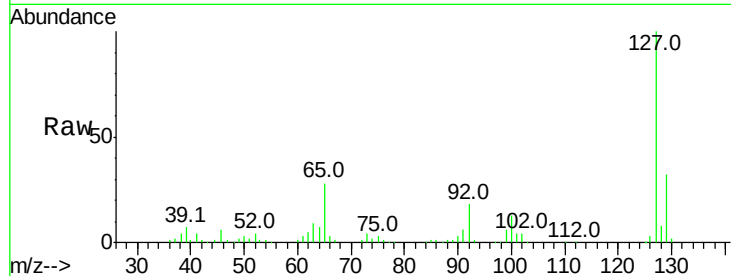




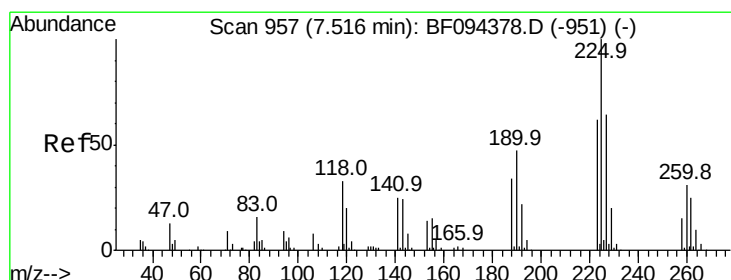
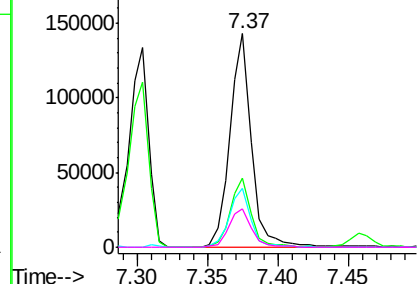
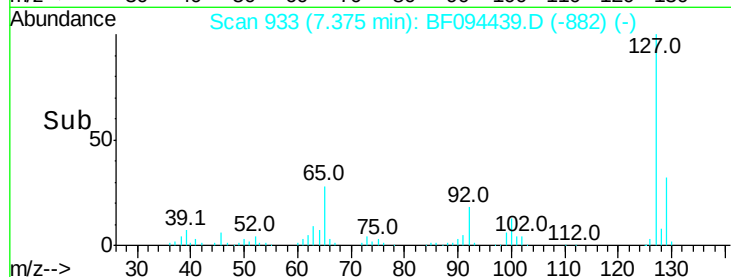
#33
4-Chloroaniline
Concen: 13.57 ng
RT: 7.37 min Scan# 933
Delta R.T. -0.00 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	151997
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	27.8	27.8	41.8#
92	17.7	16.8	25.2

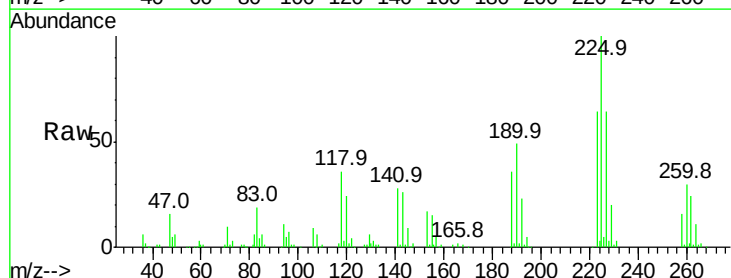


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

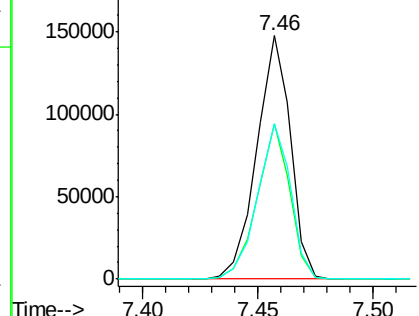
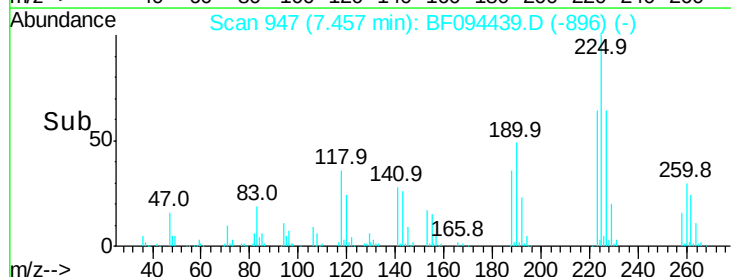


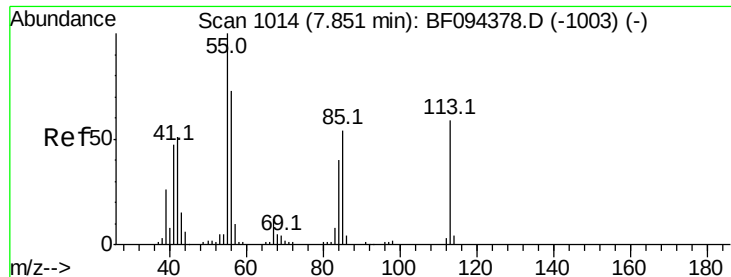
#34
Hexachlorobutadiene
Concen: 37.30 ng
RT: 7.46 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

Tgt Ion:	225	Resp:	150327
Ion	Ratio	Lower	Upper
225	100		
223	63.9	48.8	73.2
227	64.0	51.1	76.7



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





#35

Caprolactam

Concen: 17.34 ng

RT: 7.81 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

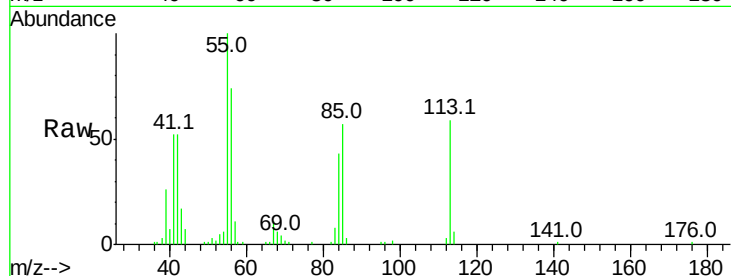
Tot Ion:113 Resp: 42202

Ion Ratio Lower Upper

113 100

55 168.9 150.2 190.2

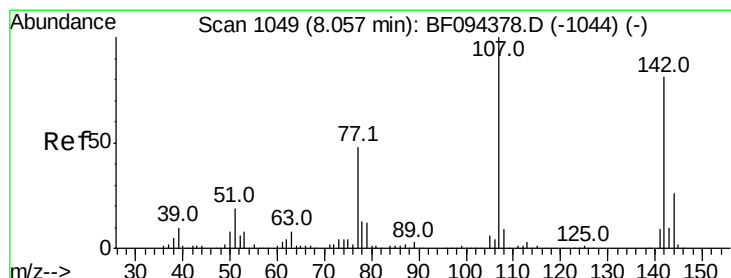
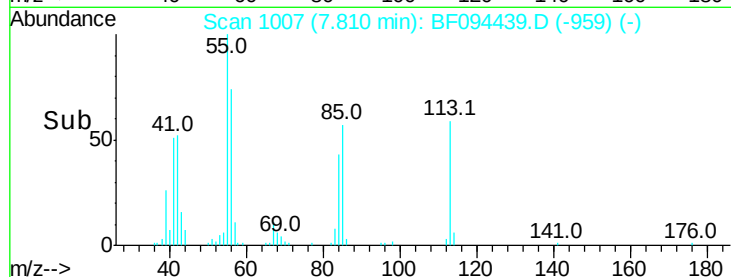
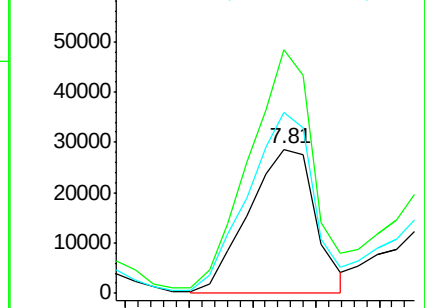
56 125.8 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.15 ng

RT: 8.01 min Scan# 1041

Delta R.T. 0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

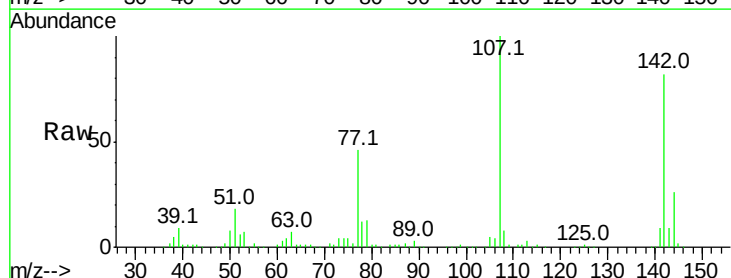
Tgt Ion:107 Resp: 328130

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

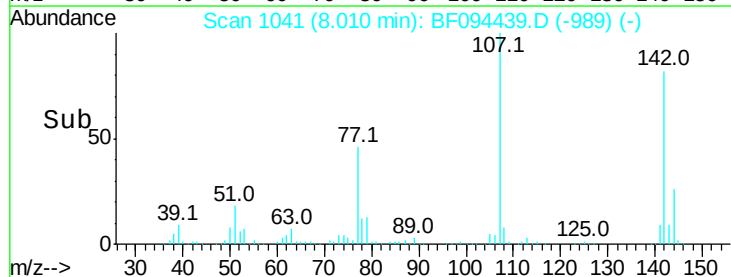
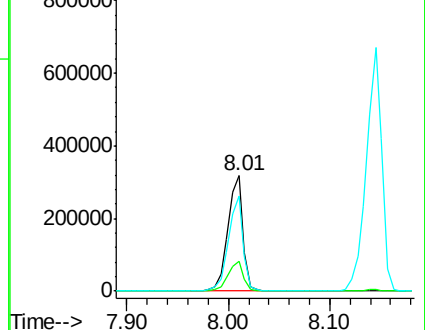
142 82.2 73.4 110.0

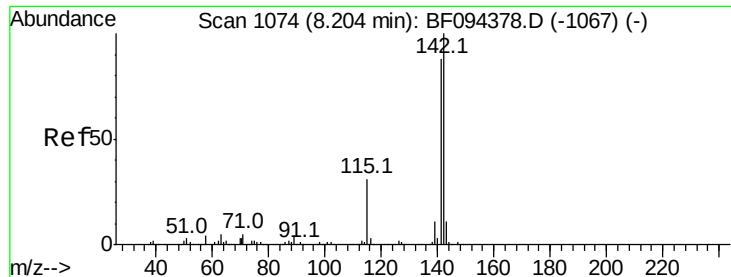


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.65 ng

RT: 8.15 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

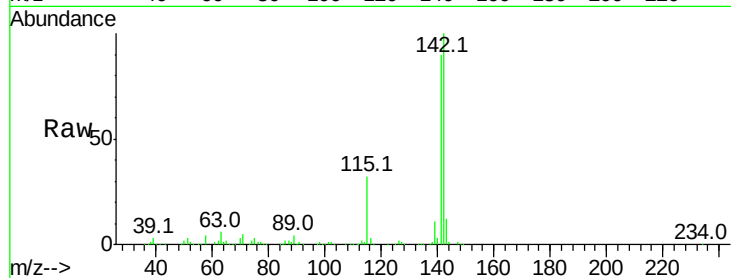
Tot Ion:142 Resp: 711989

Ion Ratio Lower Upper

142 100

141 89.7 71.3 106.9

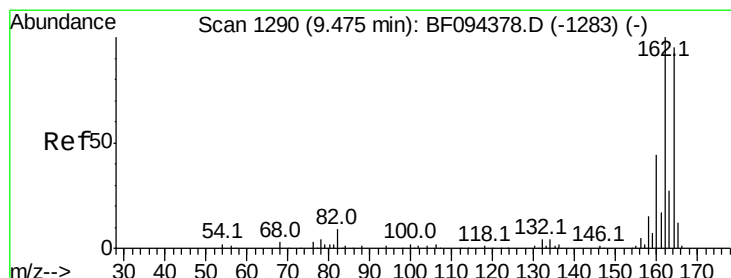
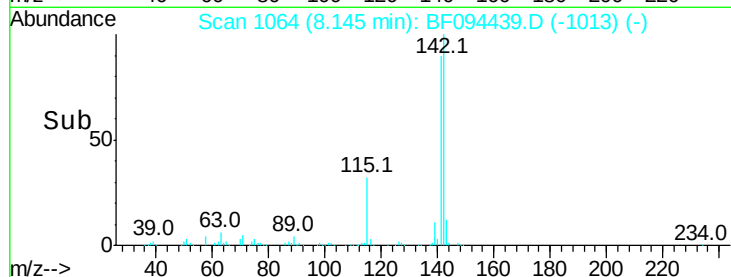
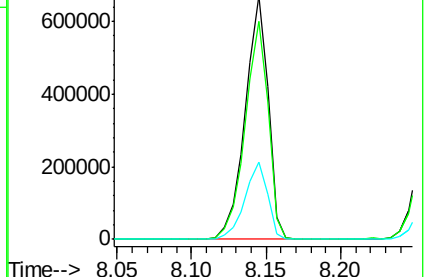
115 31.7 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.42 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

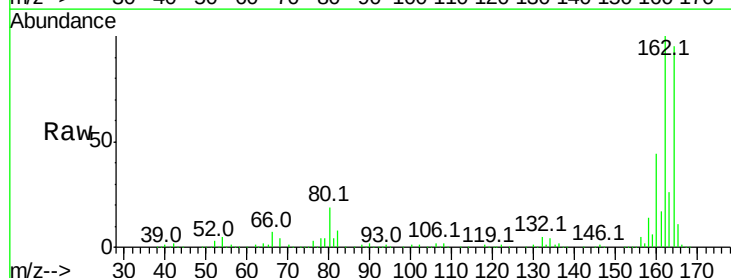
Tgt Ion:164 Resp: 264243

Ion Ratio Lower Upper

164 100

162 105.0 82.6 123.8

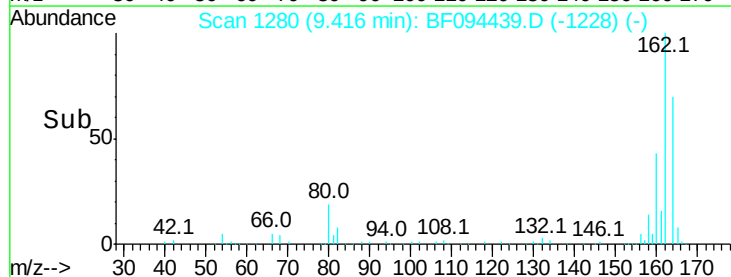
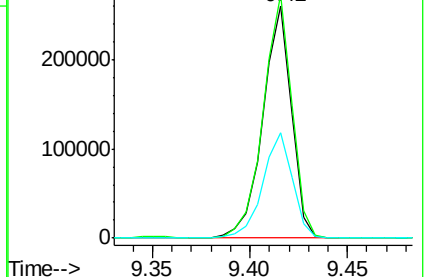
160 45.7 36.2 54.2

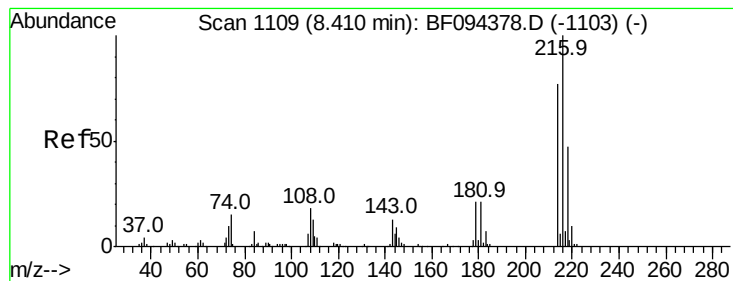


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.46 ng

RT: 8.35 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 270753

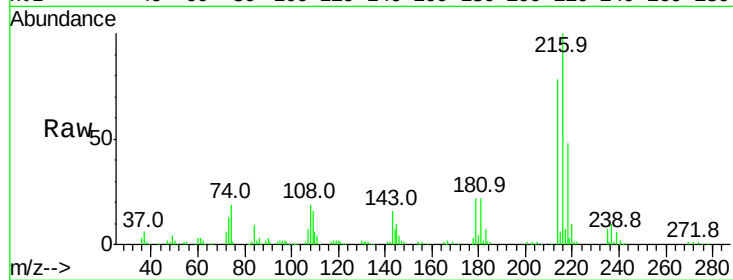
Ion Ratio Lower Upper

216 100

214 77.5 63.4 95.2

179 21.9 17.9 26.9

108 21.2 16.5 24.7

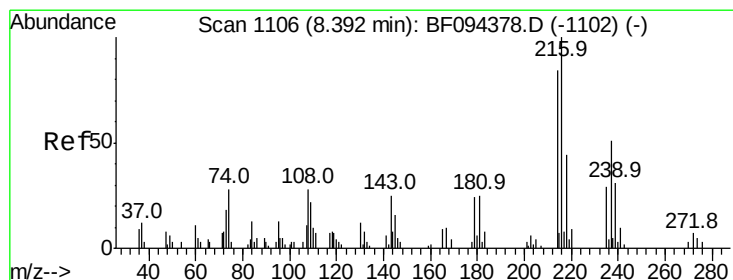
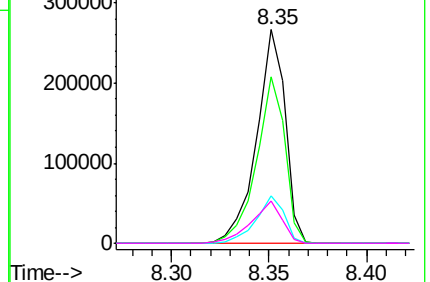
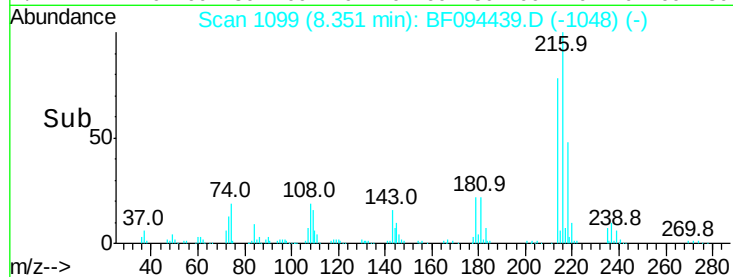


Abundance Ion 216.00 (215.70 to 216.70): E

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: 59.04 ng

RT: 8.34 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

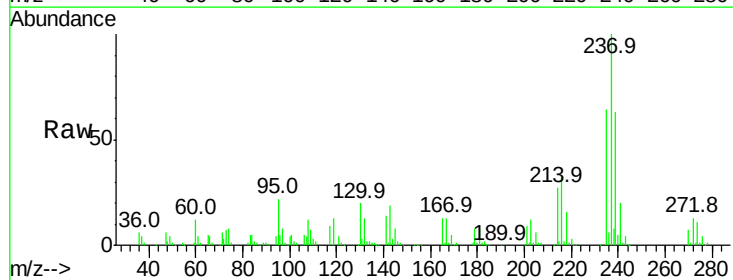
Tgt Ion:237 Resp: 199718

Ion Ratio Lower Upper

237 100

235 64.0 42.6 82.6

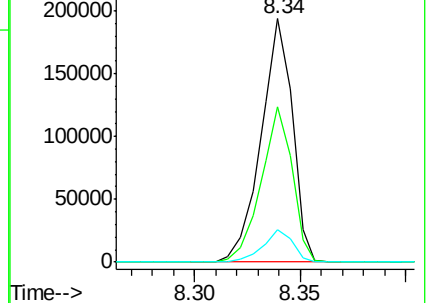
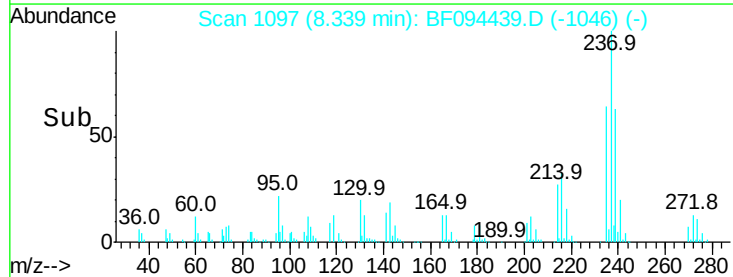
272 13.4 0.0 31.9

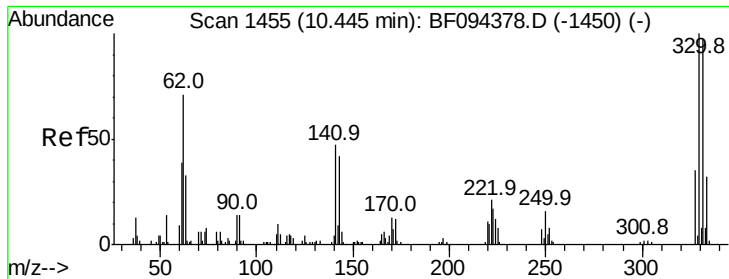


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 116.10 ng

RT: 10.39 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

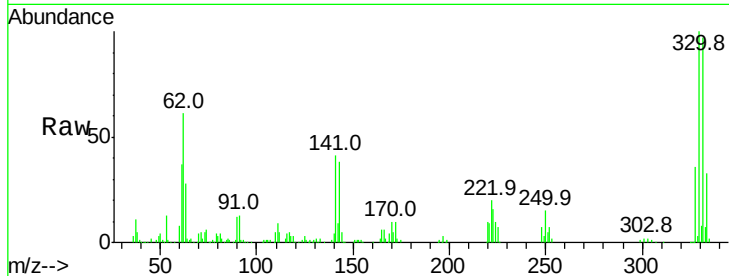
Tot Ion:330 Resp: 242428

Ion Ratio Lower Upper

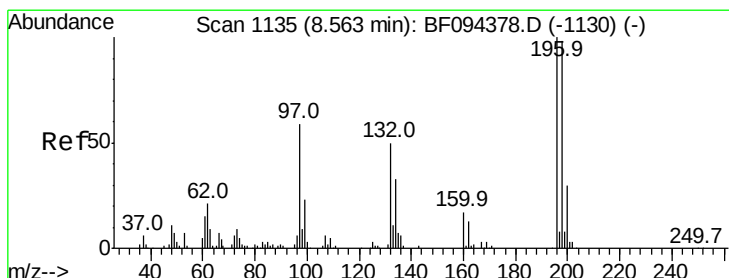
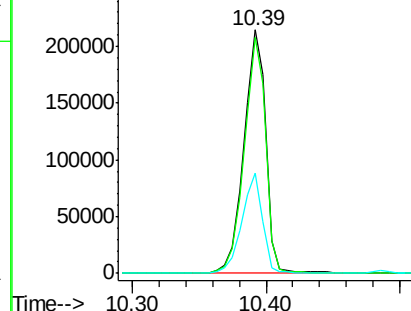
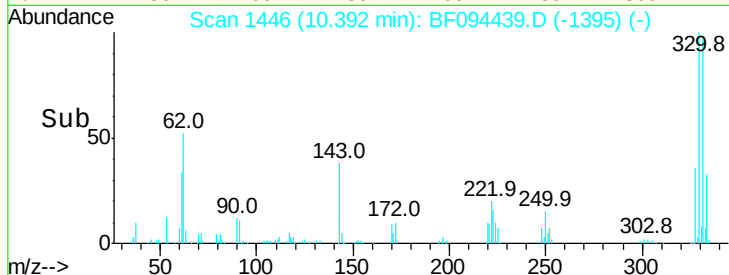
330 100

332 96.2 76.6 115.0

141 39.7 31.4 47.2



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: 39.96 ng

RT: 8.50 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

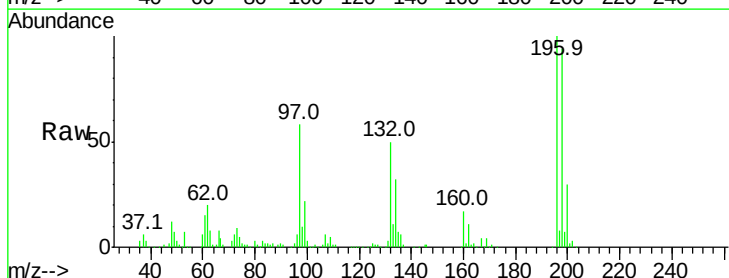
Tgt Ion:196 Resp: 204362

Ion Ratio Lower Upper

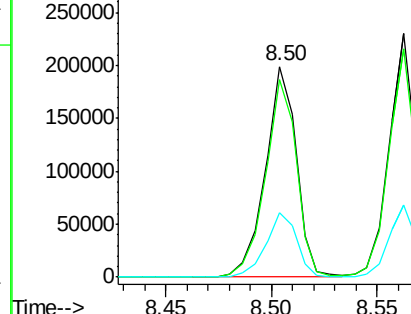
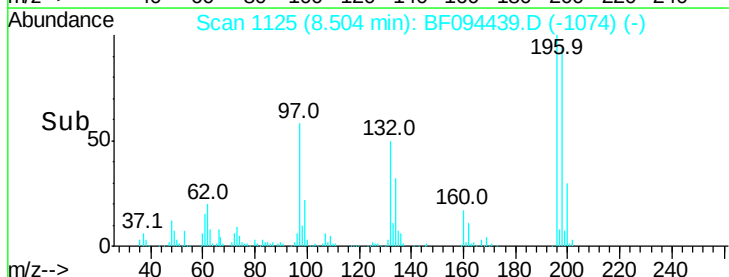
196 100

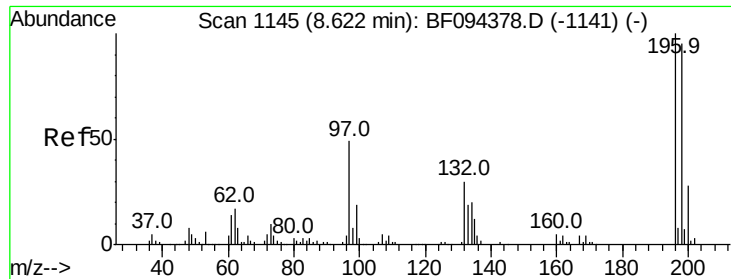
198 94.1 74.2 111.4

200 30.5 24.0 36.0



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

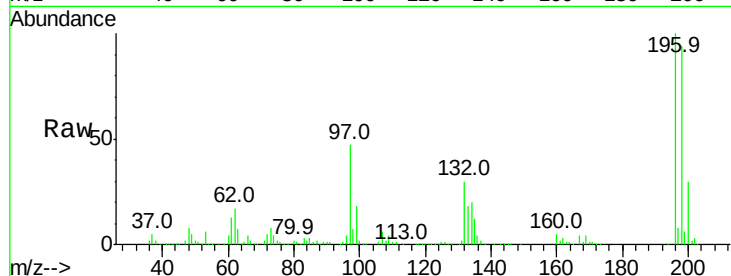




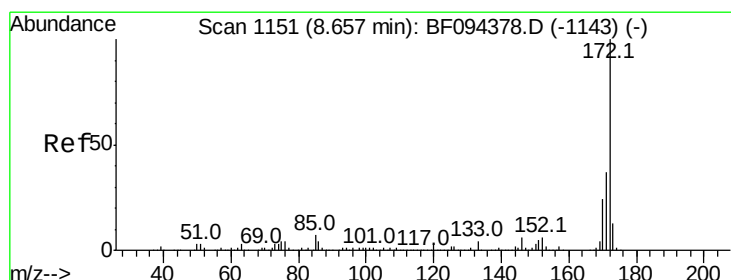
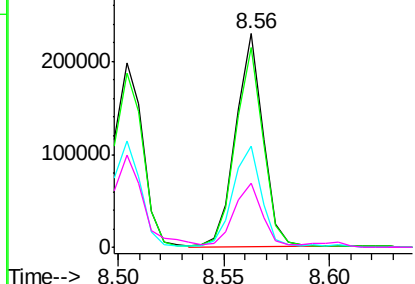
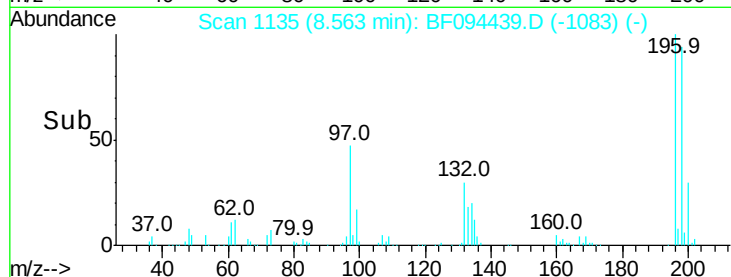
#43
 2,4,5-Trichlorophenol
 Concen: 37.19 ng
 RT: 8.56 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 205807
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.7 113.5
 97 47.1 47.7 71.5#
 132 29.9 28.0 42.0

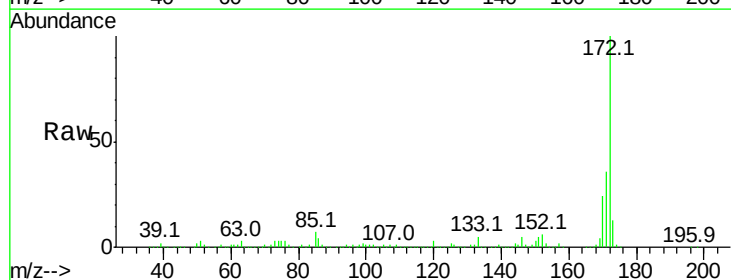


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

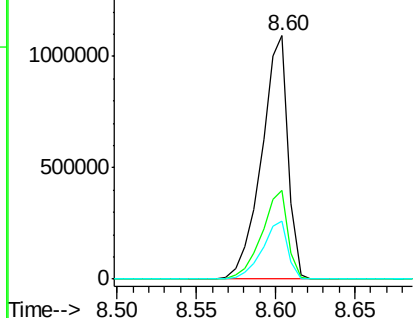
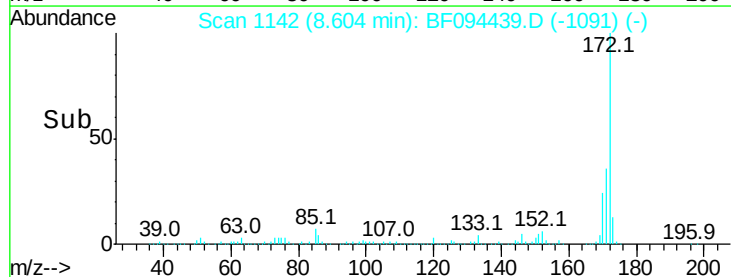


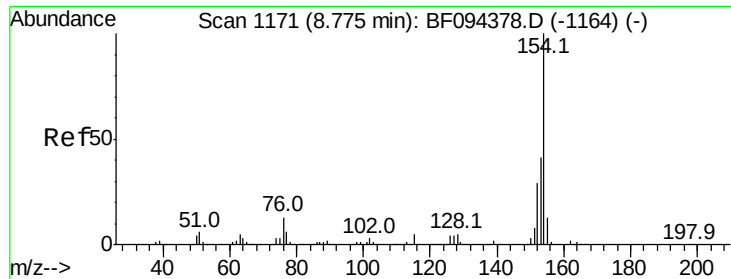
#44
 2-Fluorobiphenyl
 Concen: 73.37 ng
 RT: 8.60 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

Tgt Ion:172 Resp: 1271131
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.0 19.8 29.8



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

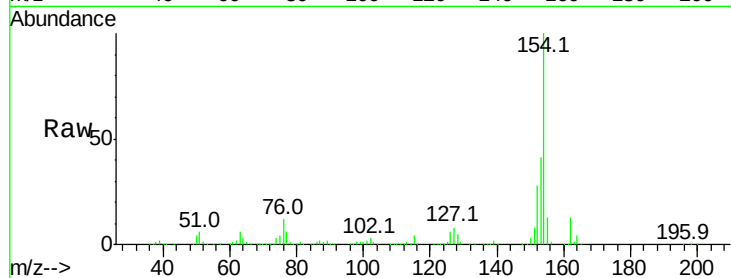




#45
 1,1'-Biphenyl
 Concen: 37.42 ng
 RT: 8.72 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.2	61.2
76	12.0	0.0	29.9

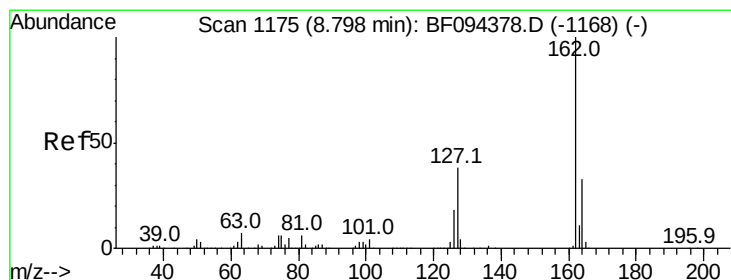
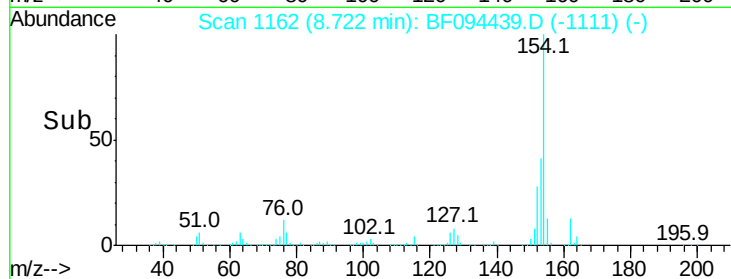
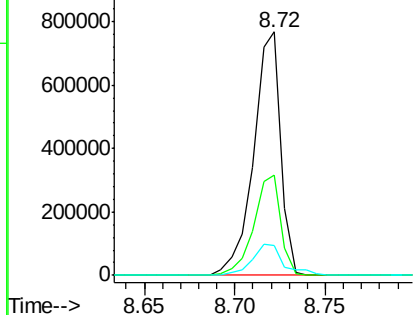


Abundance

Ion 154.00 (153.70 to 154.70): E

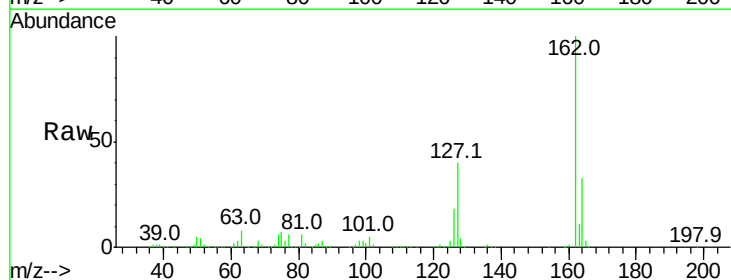
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 38.16 ng
 RT: 8.74 min Scan# 1165
 Delta R.T. -0.00 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	28.3	42.5
164	32.8	27.0	40.4

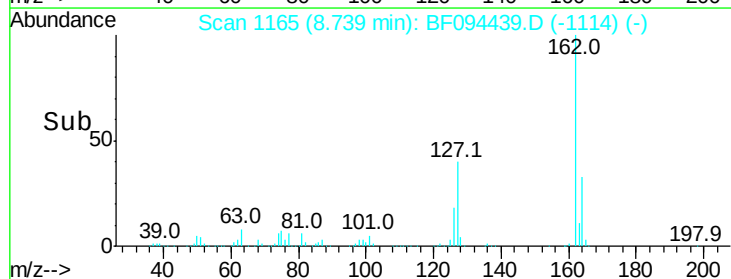
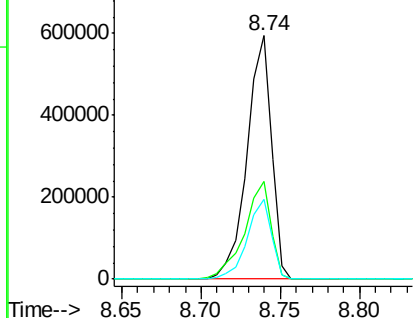


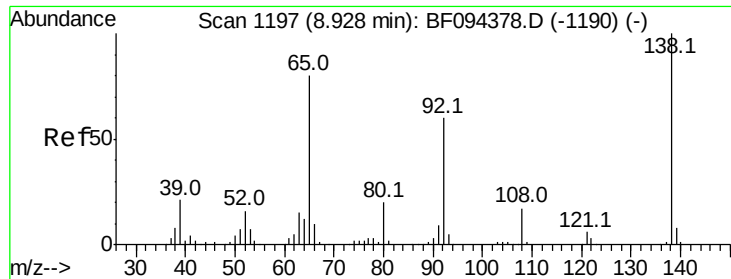
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

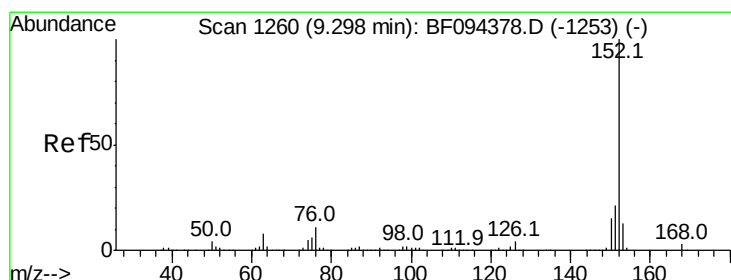
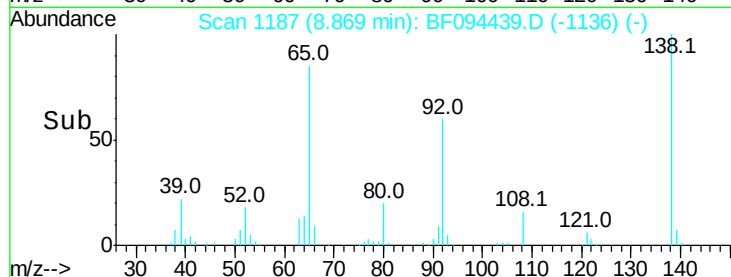
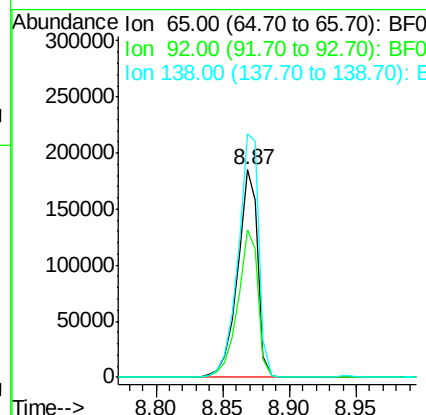
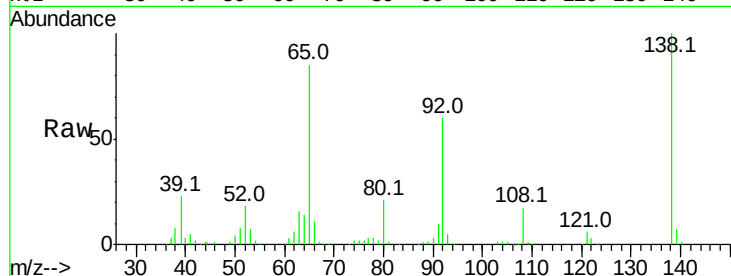




#47
 2-Nitroaniline
 Concen: 39.59 ng
 RT: 8.87 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

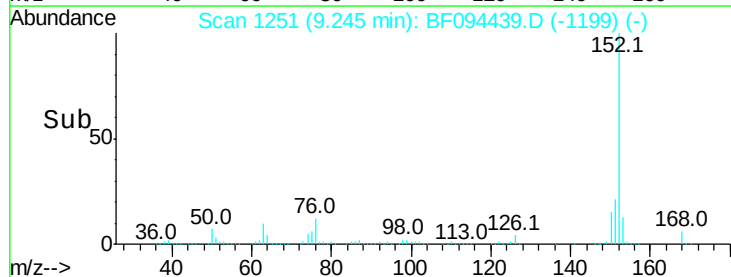
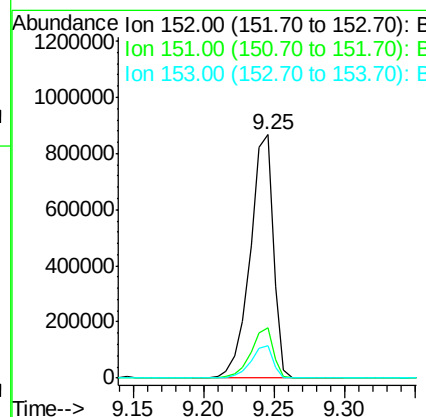
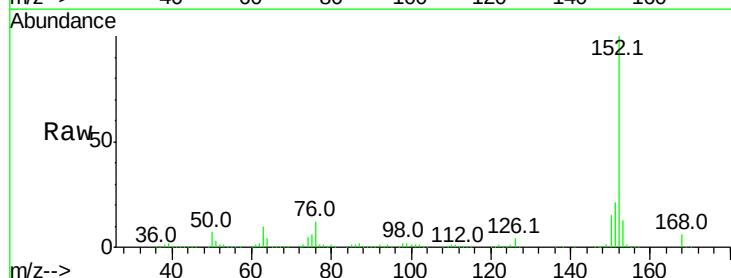
Instrument :
 BNA_F
 ClientSampled :

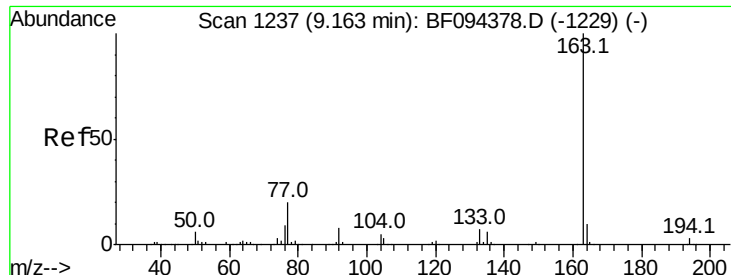
Tot Ion: 65 Resp: 195968
 Ion Ratio Lower Upper
 65 100
 92 71.0 53.9 80.9
 138 117.5 78.8 118.2



#48
 Acenaphthylene
 Concen: 35.97 ng
 RT: 9.25 min Scan# 1251
 Delta R.T. 0.01 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

Tgt Ion:152 Resp: 997501
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 13.1 10.8 16.2

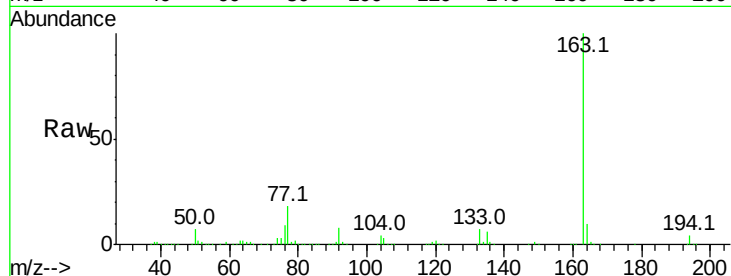




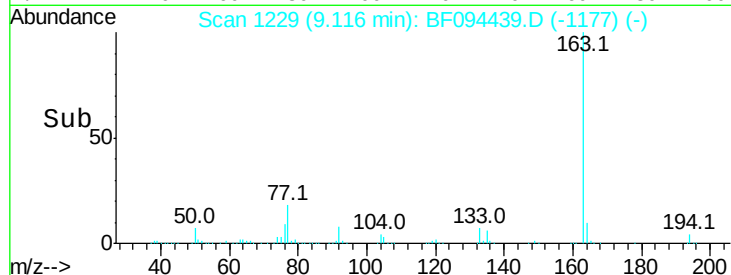
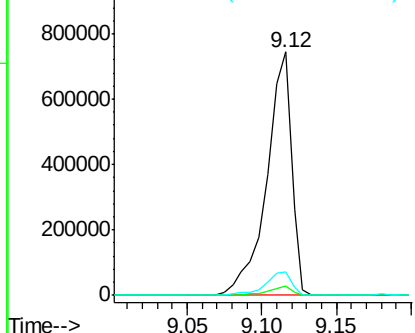
#49
Dimethylphthalate
Concen: 45.71 ng
RT: 9.12 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 858625
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.8 8.4 12.6

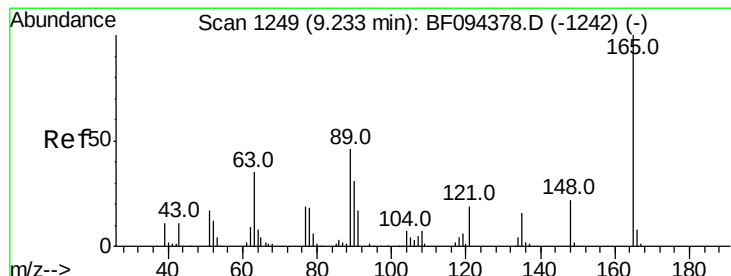


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

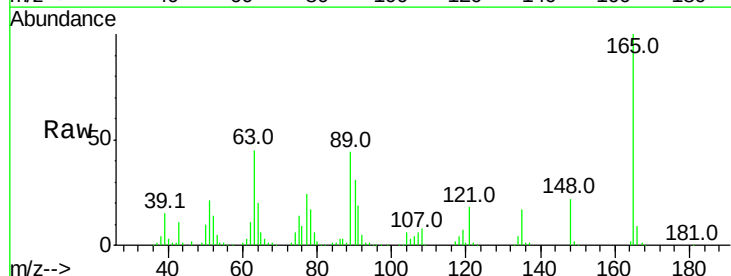
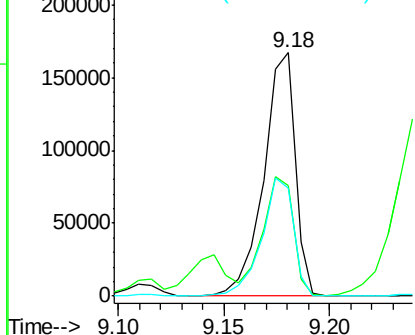


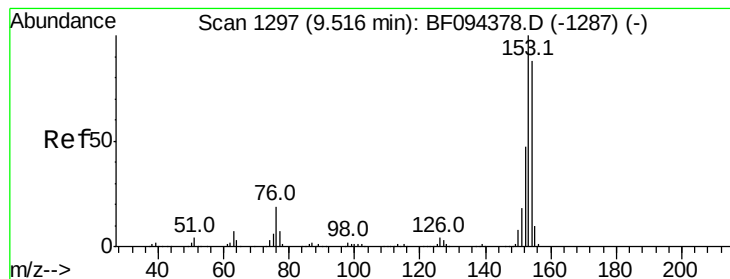
#50
2,6-Dinitrotoluene
Concen: 40.29 ng
RT: 9.18 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

Tgt Ion:165 Resp: 173499
Ion Ratio Lower Upper
165 100
63 45.3 34.3 51.5
89 44.4 37.1 55.7



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





#51

Acenaphthene

Concen: 37.13 ng

RT: 9.46 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampled :

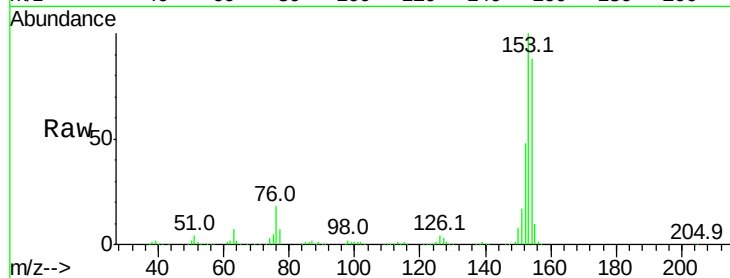
Tot Ion:154 Resp: 600731

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

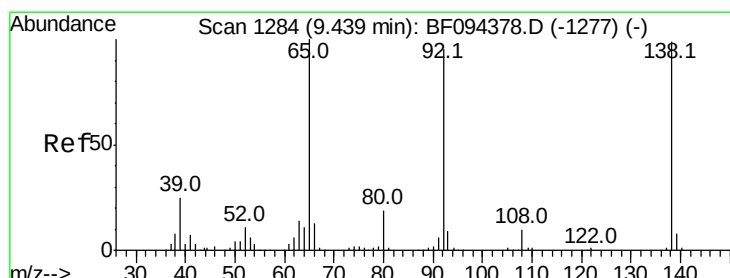
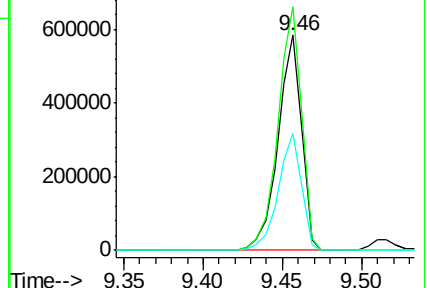
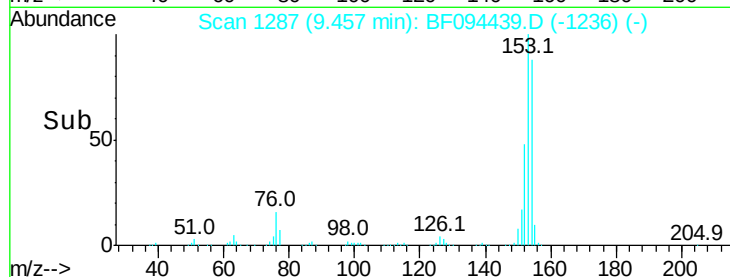
152 54.3 43.6 65.4



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: 24.29 ng

RT: 9.37 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

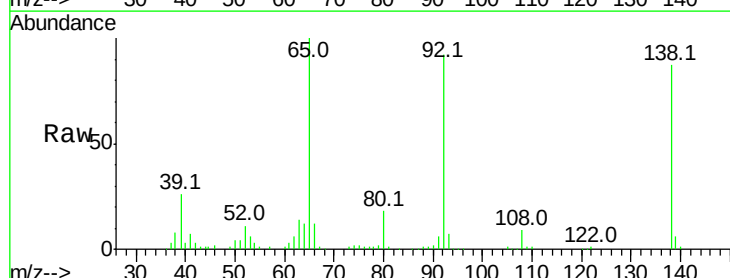
Tgt Ion:138 Resp: 122802

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

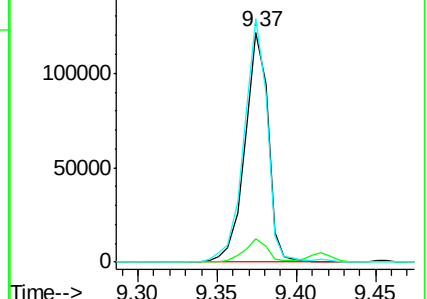
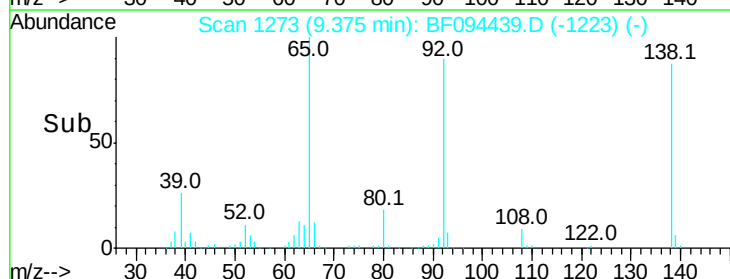
92 106.0 93.8 140.6

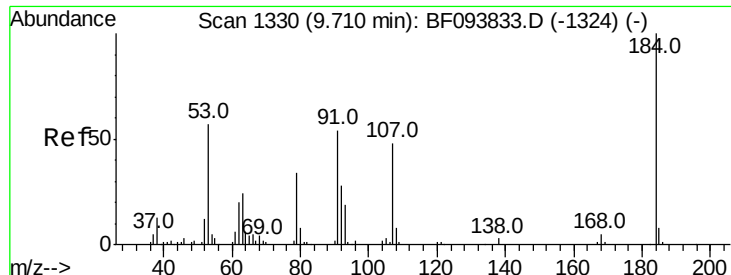


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

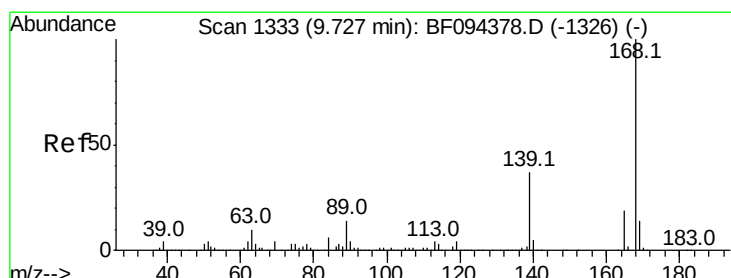
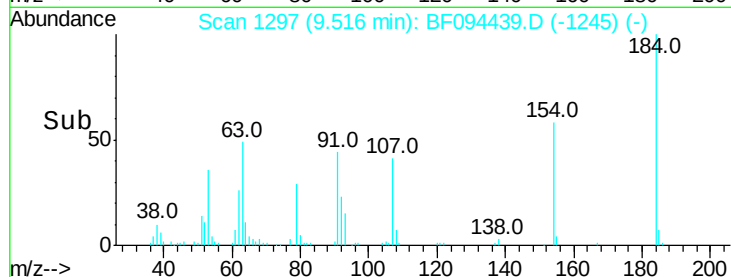
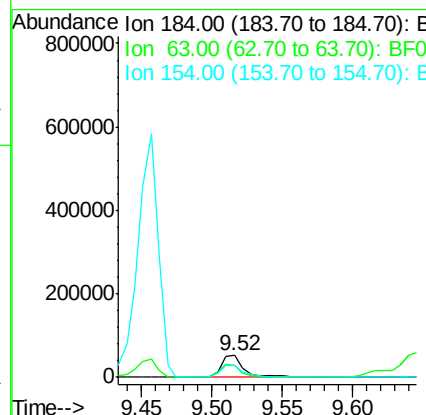
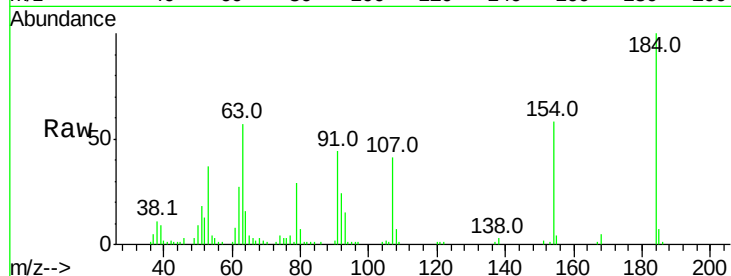




#53
2,4-Dinitrophenol
Concen: 29.47 ng
RT: 9.52 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

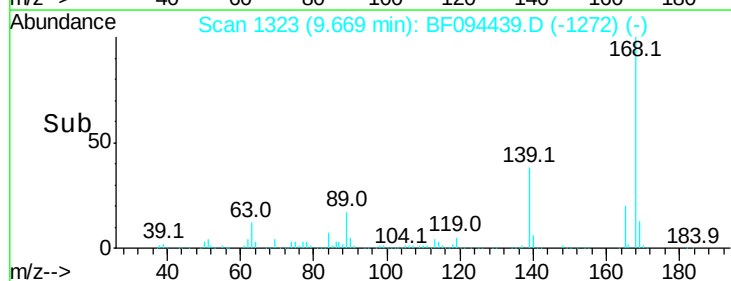
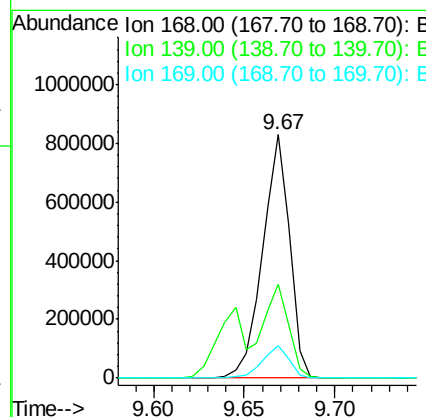
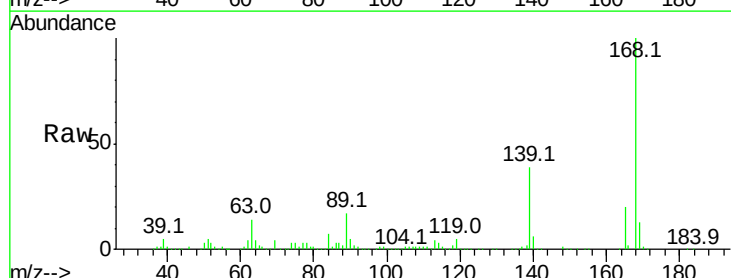
Instrument :
BNA_F
ClientSampleId :

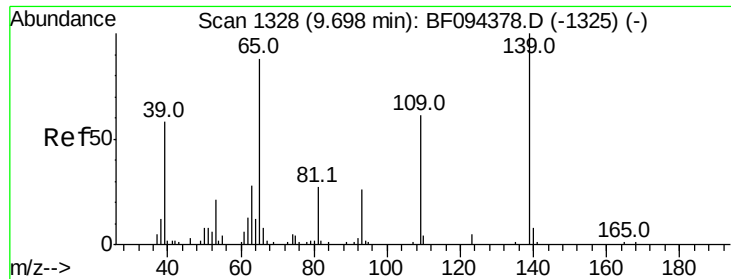
Tot Ion:184 Resp: 60695
Ion Ratio Lower Upper
184 100
63 57.3 62.7 94.1#
154 57.6 81.1 121.7#



#54
Dibenzofuran
Concen: 39.02 ng
RT: 9.67 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

Tgt Ion:168 Resp: 859338
Ion Ratio Lower Upper
168 100
139 38.5 30.6 45.8
169 13.2 10.8 16.2





#55

4-Nitrophenol

Concen: 61.80 ng

RT: 9.65 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampled :

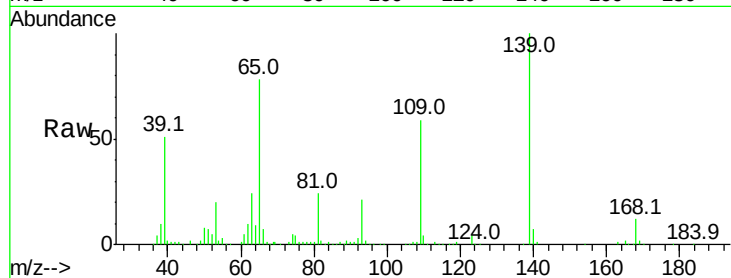
Tot Ion:139 Resp: 244715

Ion Ratio Lower Upper

139 100

109 58.7 34.1 74.1

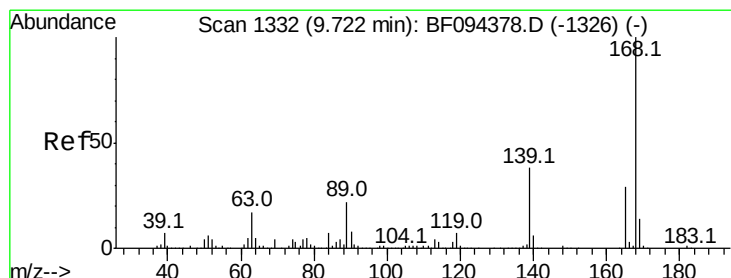
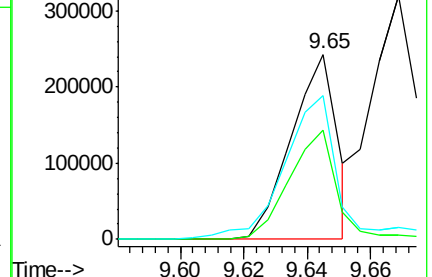
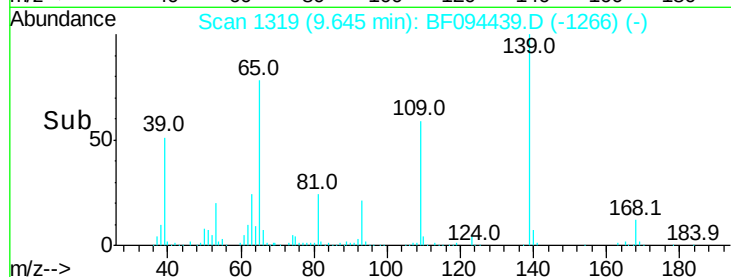
65 77.7 31.4 71.4#



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: 39.20 ng

RT: 9.67 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Tgt Ion:165 Resp: 212035

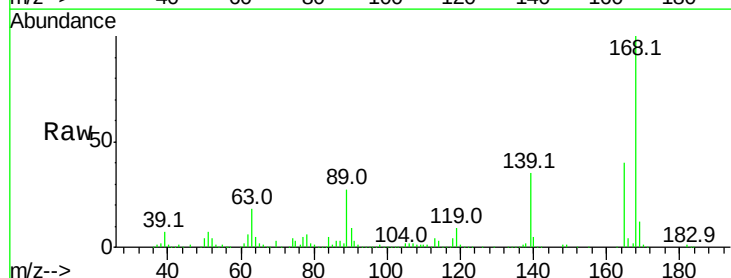
Ion Ratio Lower Upper

165 100

63 45.9 25.4 38.0#

89 66.9 46.4 69.6

182 2.6 1.8 2.6

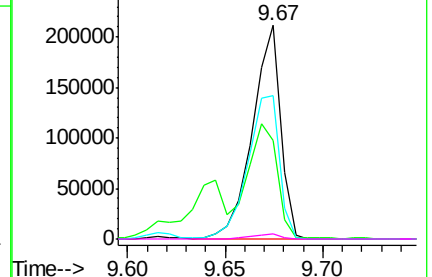
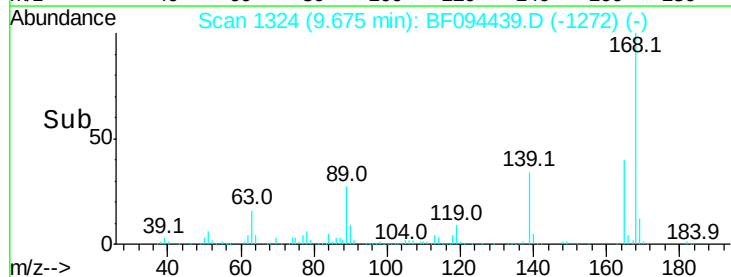


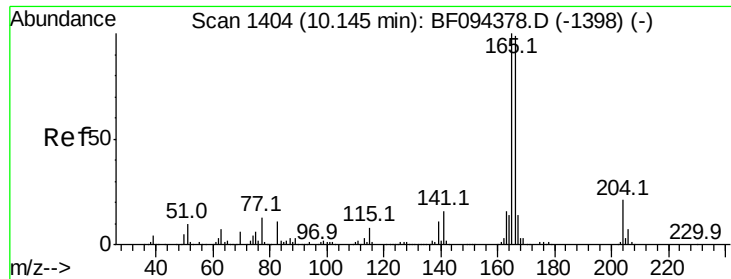
Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.69 ng

RT: 10.09 min Scan# 1394

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

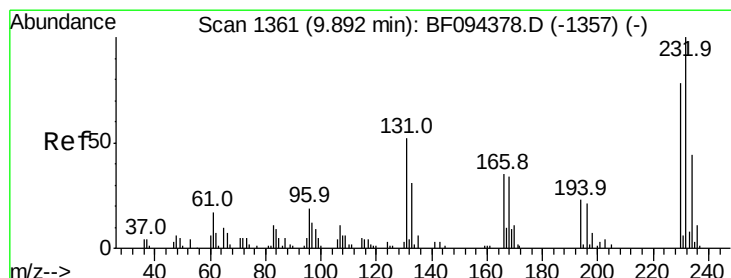
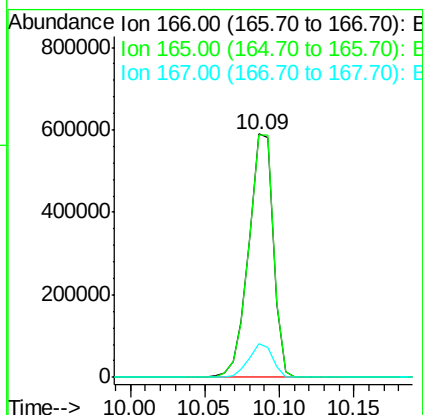
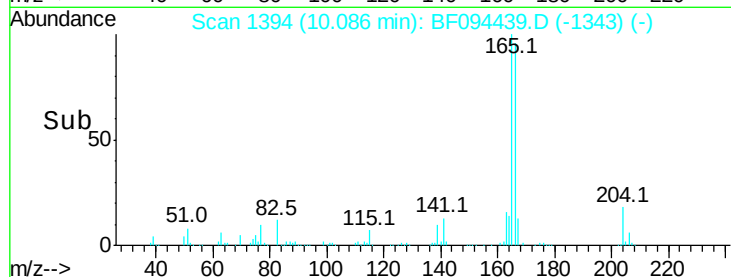
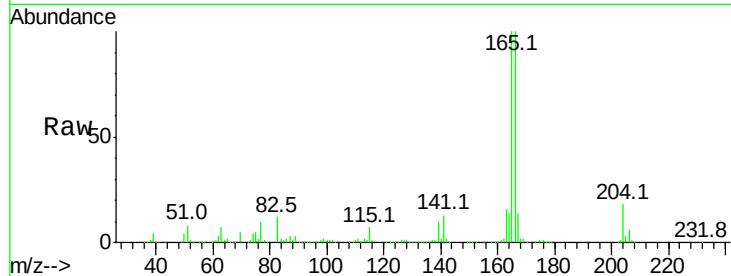
Tot Ion:166 Resp: 670214

Ion Ratio Lower Upper

166 100

165 99.7 78.8 118.2

167 13.8 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.53 ng

RT: 9.83 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Tgt Ion:232 Resp: 150086

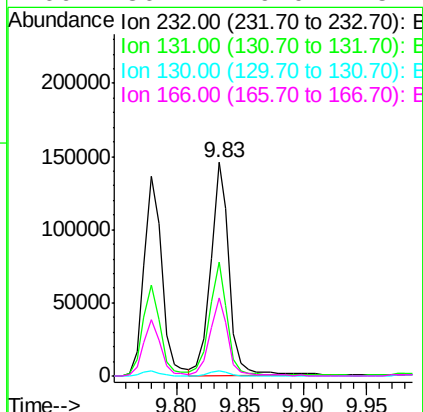
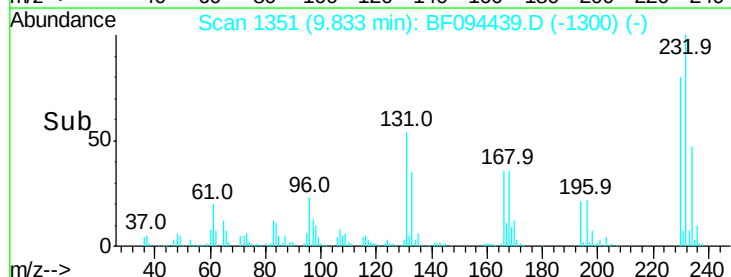
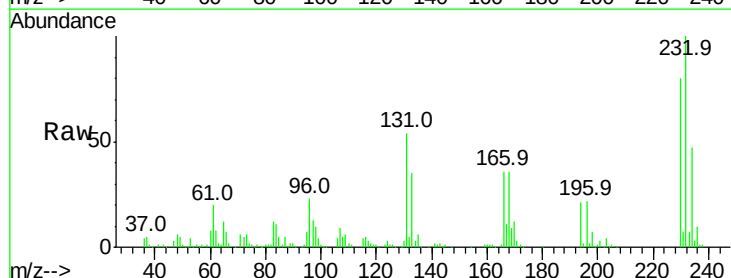
Ion Ratio Lower Upper

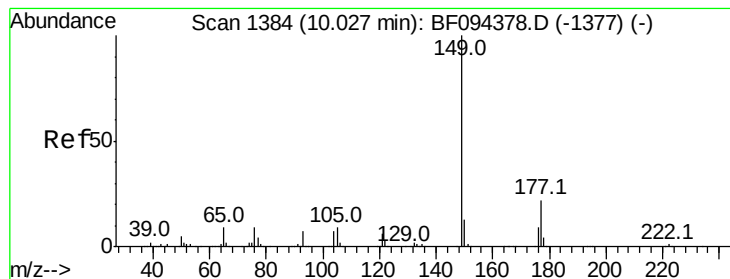
232 100

131 51.5 44.8 67.2

130 2.5 2.3 3.5

166 36.1 29.0 43.4





#59

Diethylphthalate

Concen: 39.41 ng

RT: 9.98 min Scan# 1376

Delta R.T. 0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampled :

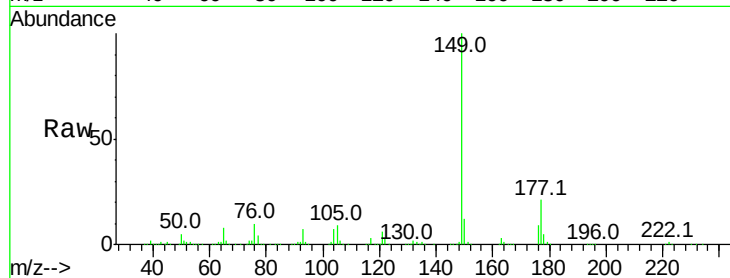
Tot Ion:149 Resp: 731708

Ion Ratio Lower Upper

149 100

177 21.2 16.7 25.1

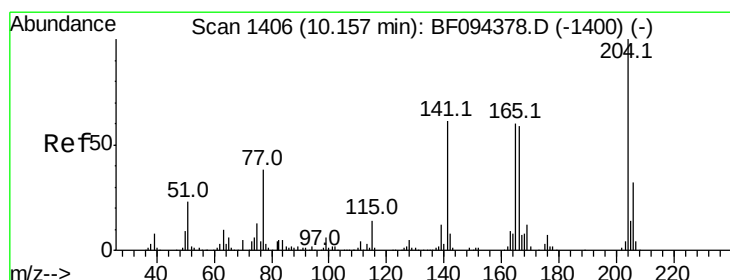
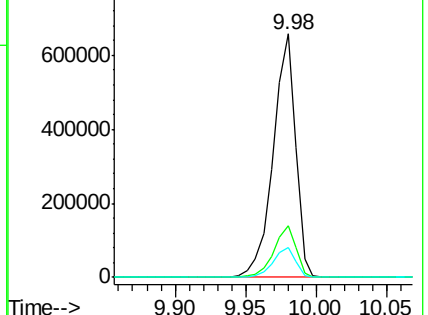
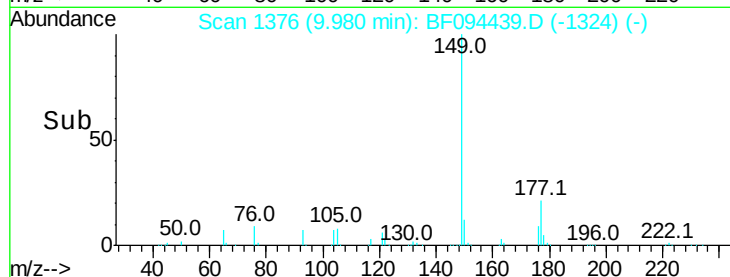
150 12.4 10.2 15.2



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: 37.78 ng

RT: 10.10 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

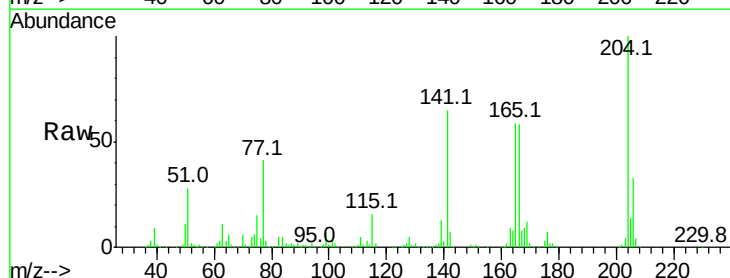
Tgt Ion:204 Resp: 293945

Ion Ratio Lower Upper

204 100

206 32.7 26.2 39.2

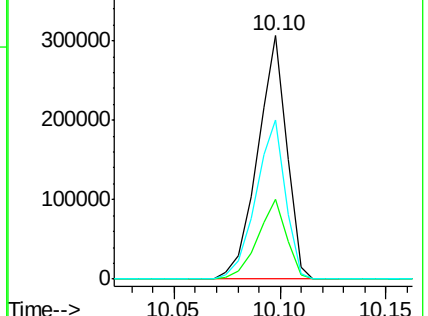
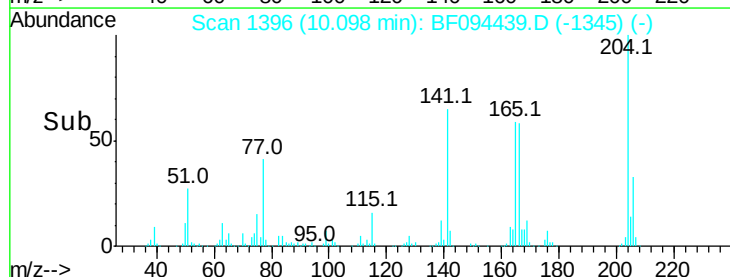
141 65.5 60.8 91.2

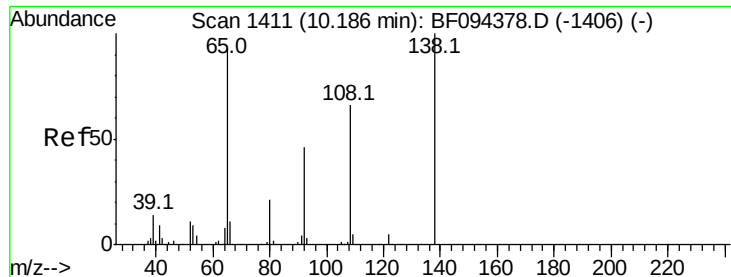


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.62 ng

RT: 10.14 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

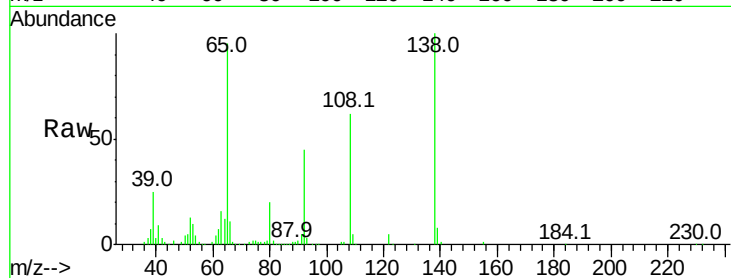
Tot Ion:138 Resp: 182534

Ion Ratio Lower Upper

138 100

92 45.3 21.8 61.8

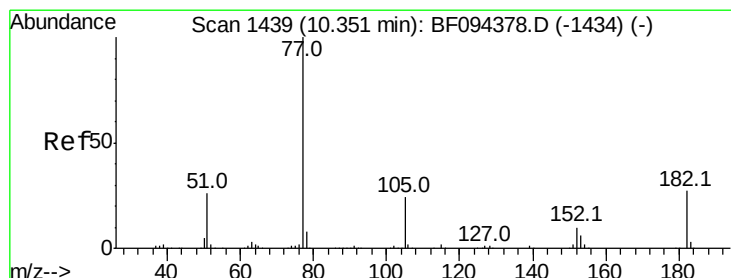
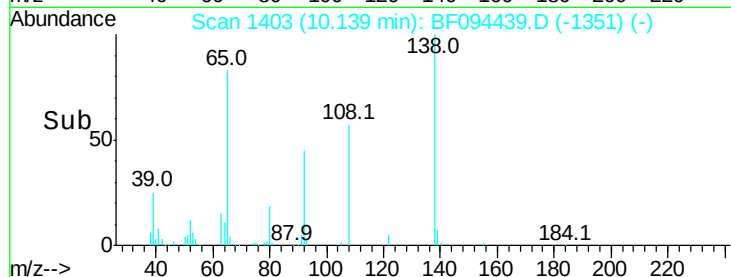
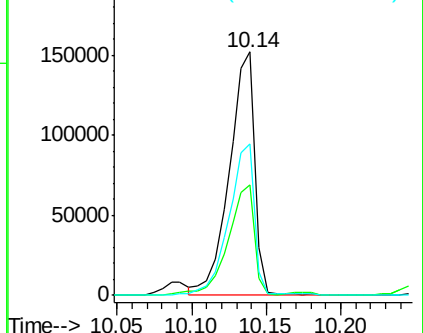
108 62.2 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.64 ng

RT: 10.29 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Tgt Ion: 77 Resp: 696151

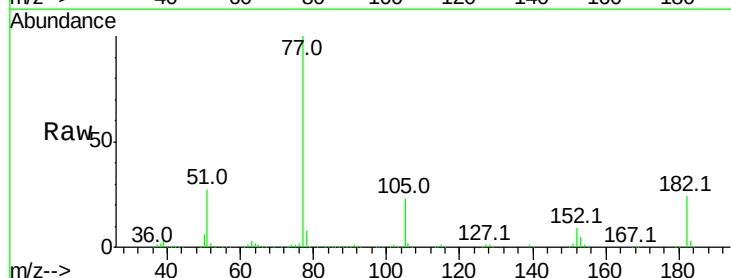
Ion Ratio Lower Upper

77 100

182 24.2 0.1 40.1

105 23.3 3.6 43.6

51 27.5 9.4 49.4

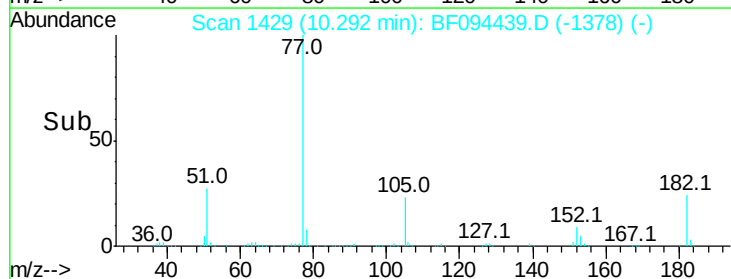
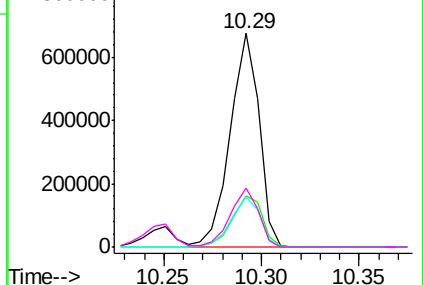


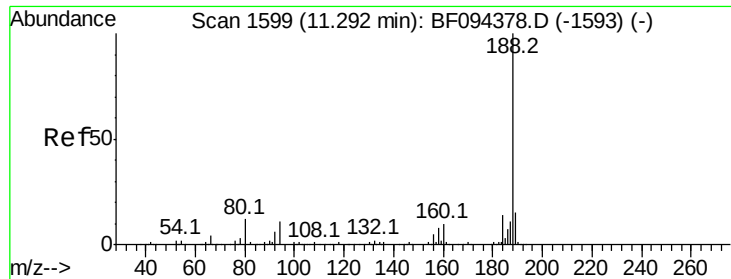
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

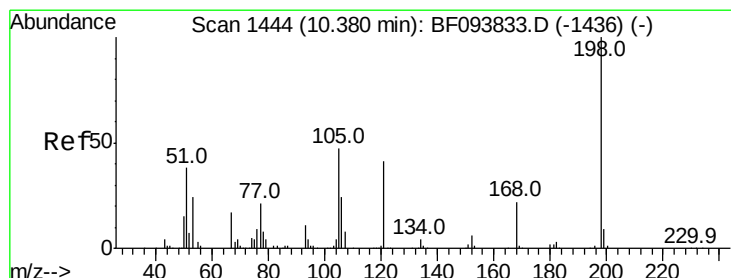
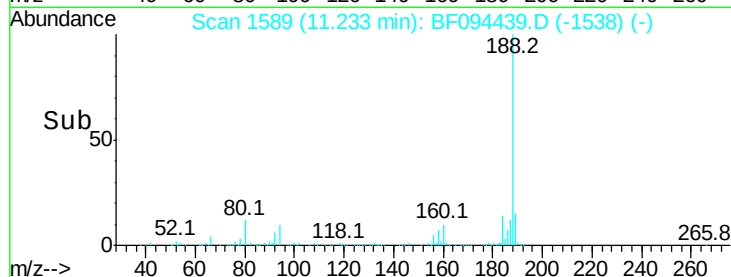
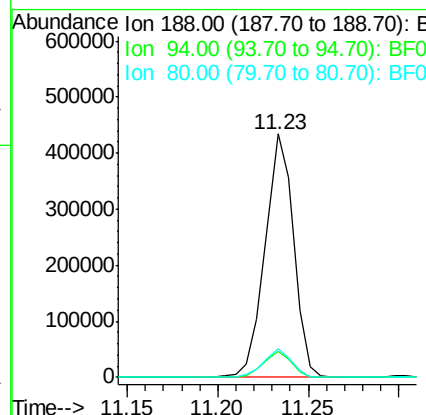
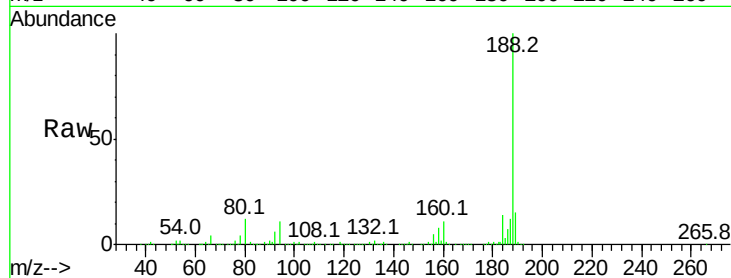




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

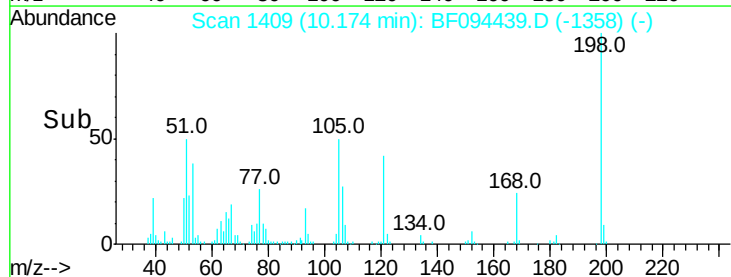
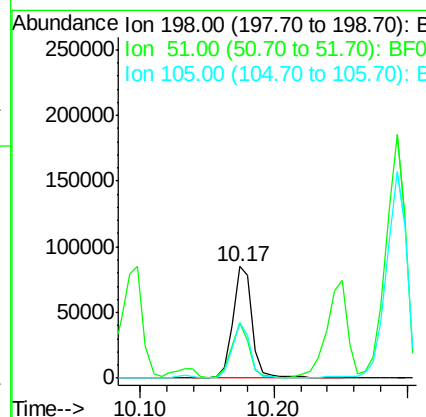
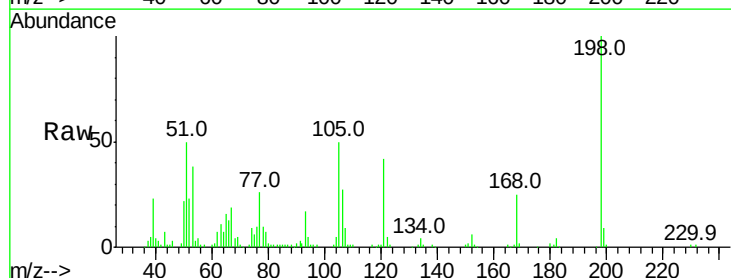
Instrument :
BNA_F
ClientSampled :

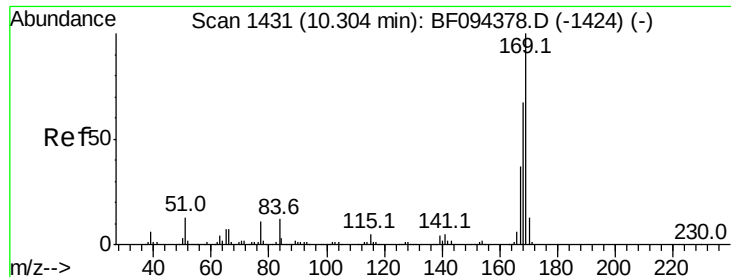
Tot Ion:188 Resp: 476028
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 29.97 ng
RT: 10.17 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

Tgt Ion:198 Resp: 87374
Ion Ratio Lower Upper
198 100
51 49.7 53.2 93.2#
105 49.7 45.8 85.8

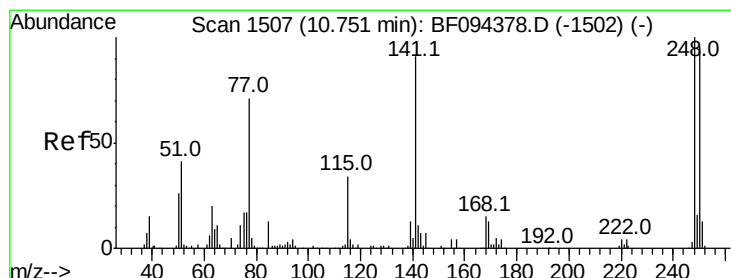
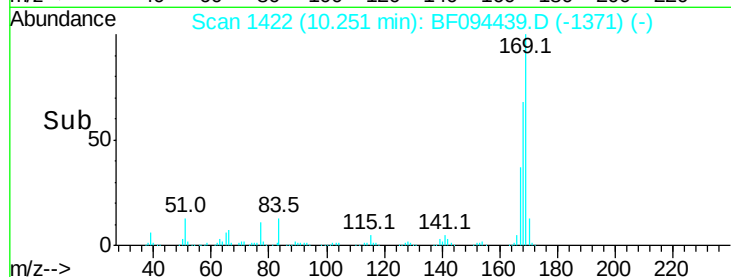
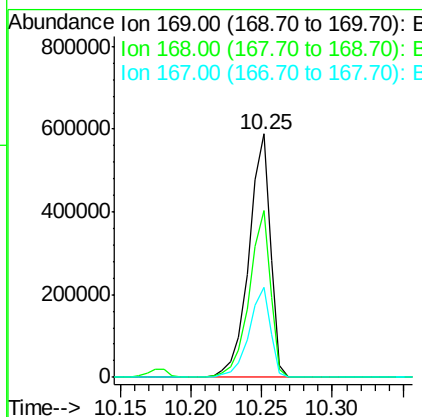
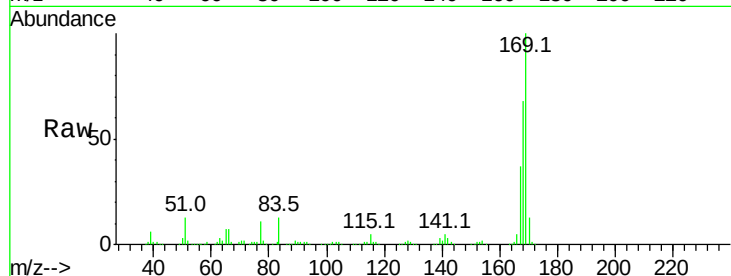




#65
 n-Nitrosodiphenylamine
 Concen: 38.33 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

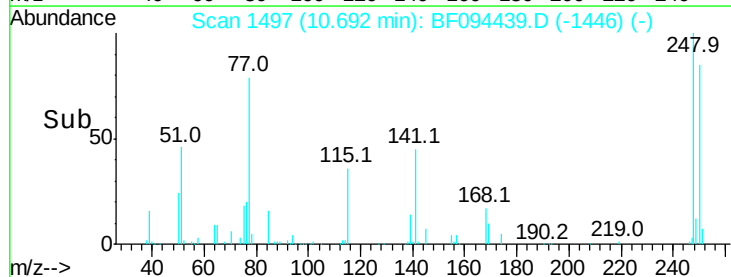
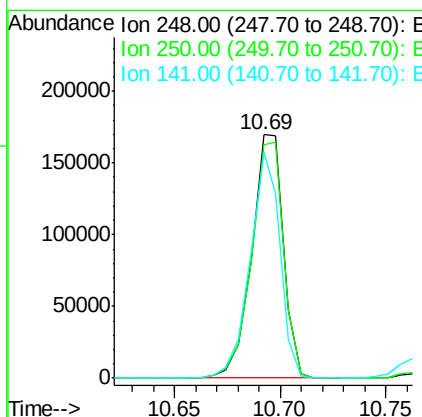
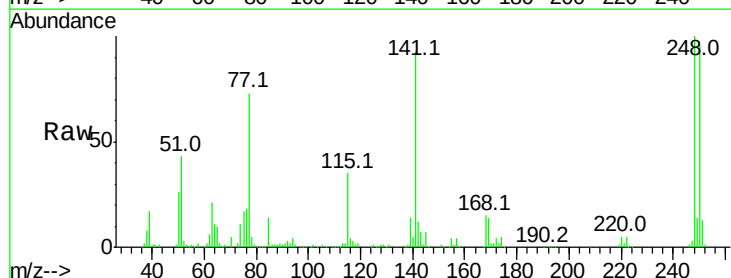
Instrument :
 BNA_F
 ClientSampleId :

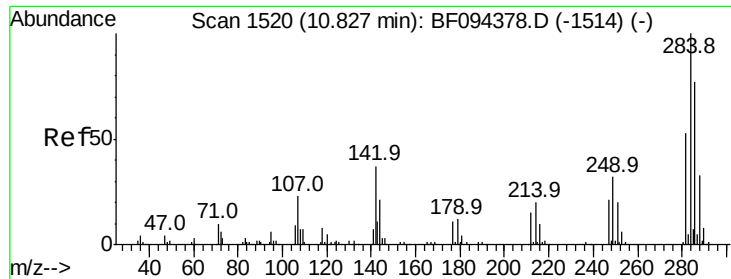
Tot Ion:169 Resp: 631034
 Ion Ratio Lower Upper
 169 100
 168 68.3 53.2 79.8
 167 36.9 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 37.89 ng
 RT: 10.69 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

Tgt Ion:248 Resp: 177393
 Ion Ratio Lower Upper
 248 100
 250 95.9 76.8 115.2
 141 92.6 68.6 103.0

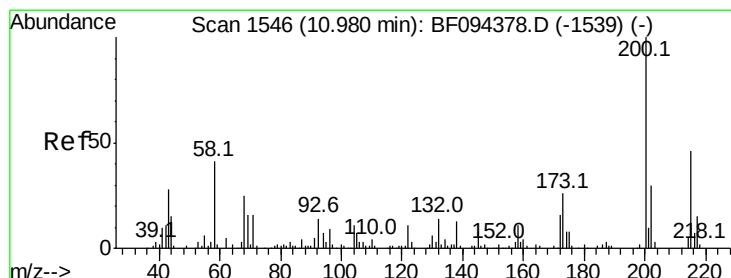
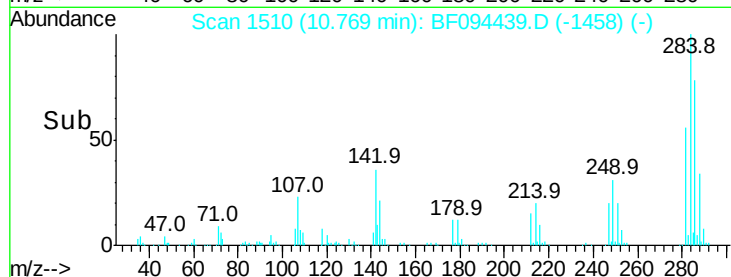
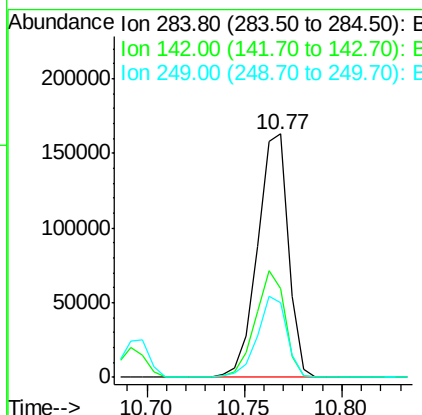
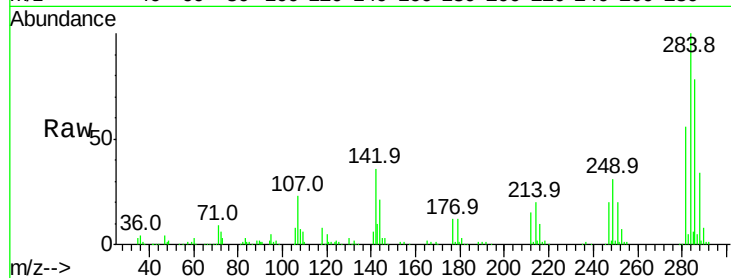




#67
Hexachlorobenzene
Concen: 37.59 ng
RT: 10.77 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

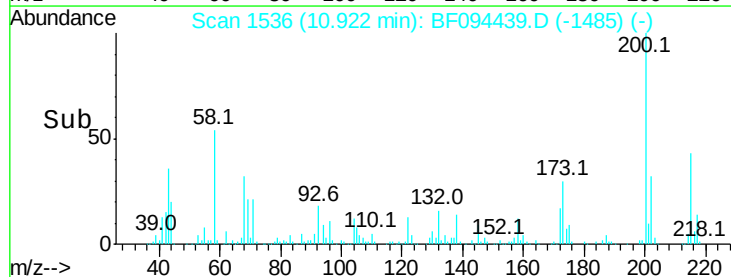
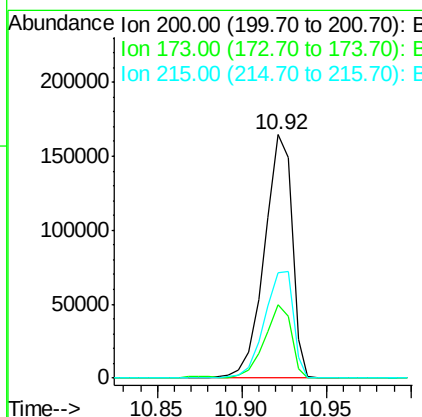
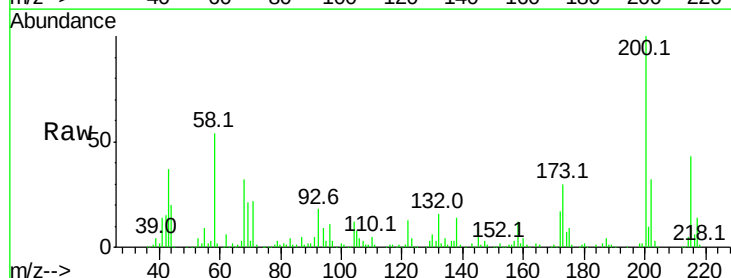
Instrument :
BNA_F
ClientSampled :

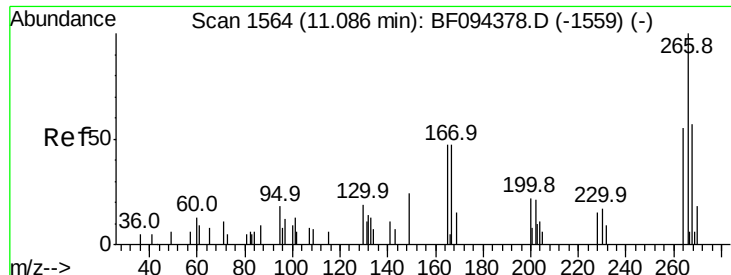
Tot Ion	Ratio	Lower	Upper
284	100		
142	36.2	22.8	34.2#
249	30.8	24.0	36.0



#68
Atrazine
Concen: 37.92 ng
RT: 10.92 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.0	6.3	46.3
215	43.5	27.2	67.2





#69

Pentachlorophenol

Concen: 44.95 ng

RT: 11.02 min Scan# 1553

Delta R.T. 0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

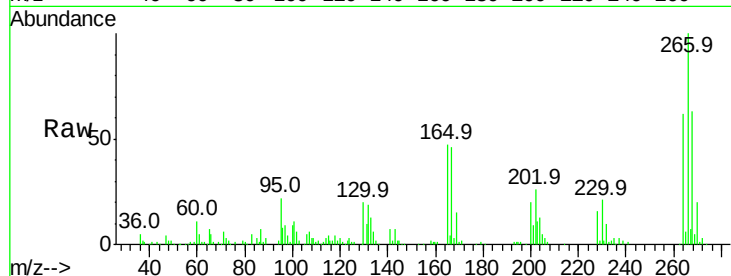
Tot Ion:266 Resp: 132595

Ion Ratio Lower Upper

266 100

268 63.3 51.1 76.7

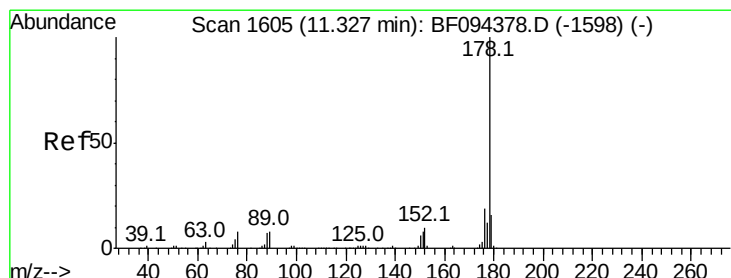
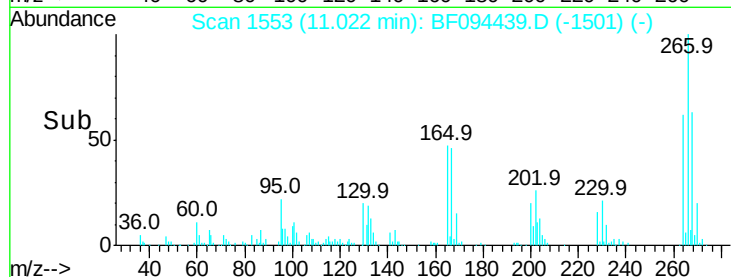
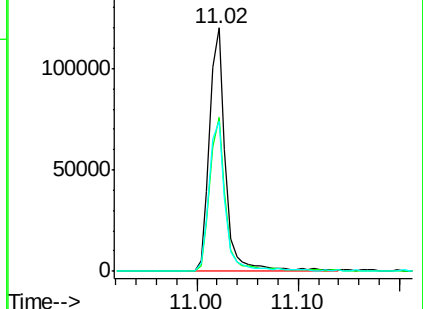
264 61.6 51.7 77.5



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: 37.01 ng

RT: 11.27 min Scan# 1595

Delta R.T. 0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

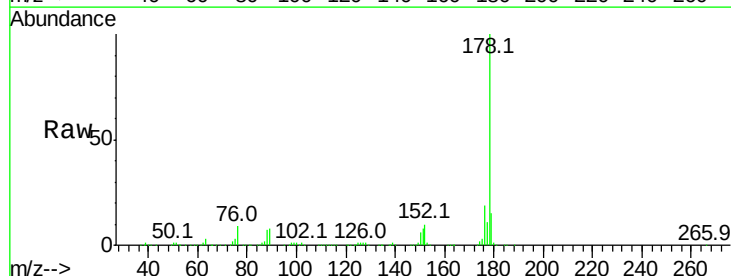
Tgt Ion:178 Resp: 979990

Ion Ratio Lower Upper

178 100

176 18.7 16.2 24.4

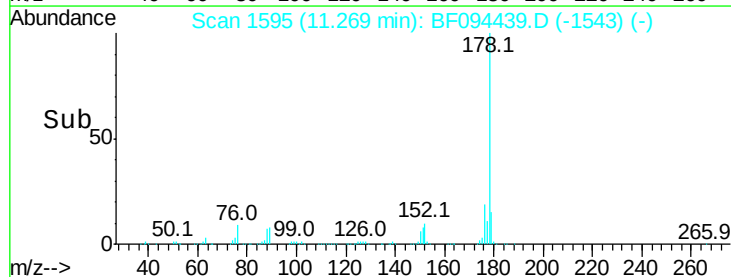
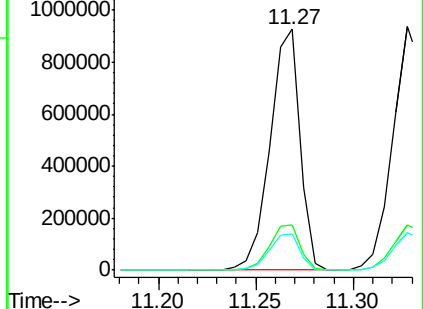
179 14.9 12.6 19.0

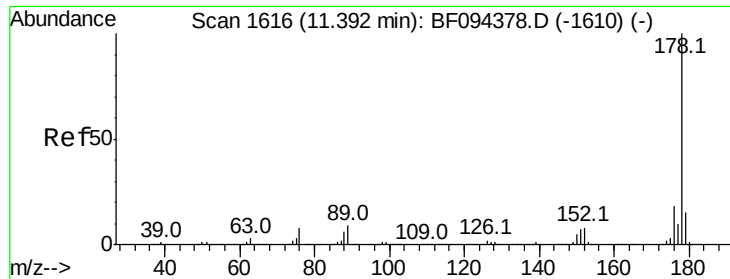


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

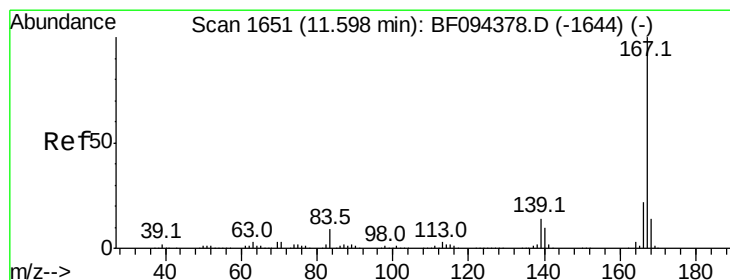
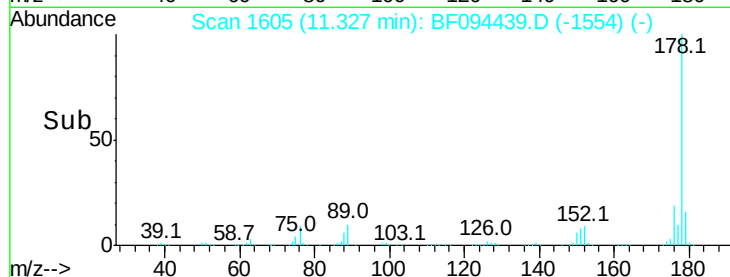
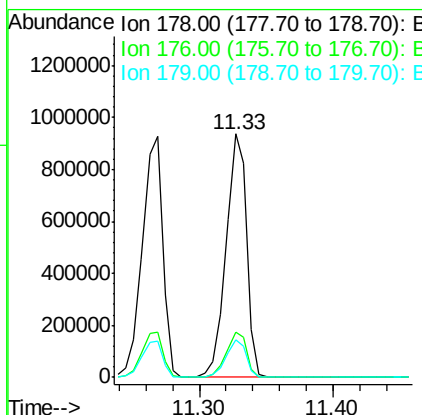
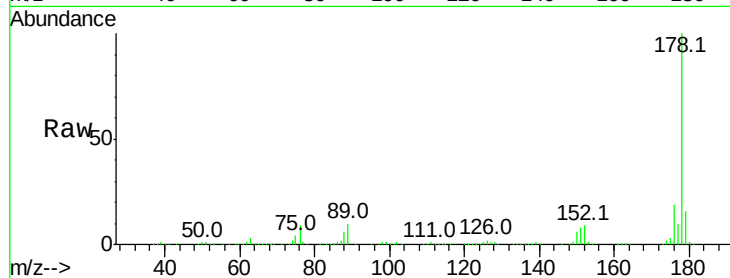




#71
 Anthracene
 Concen: 37.48 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

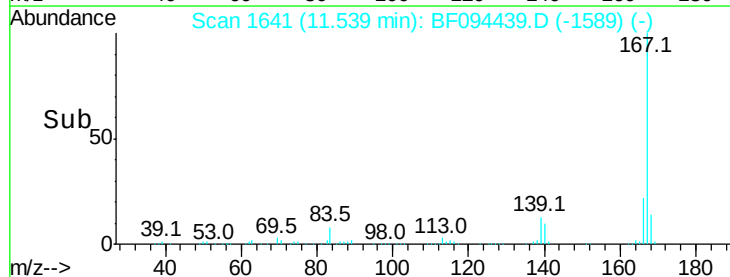
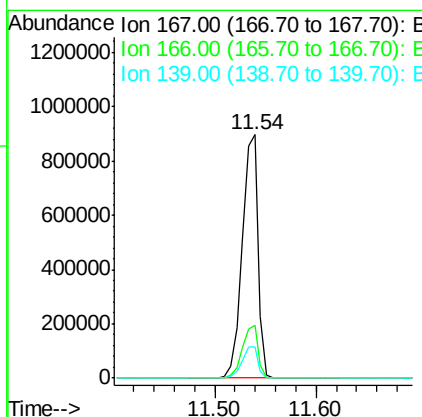
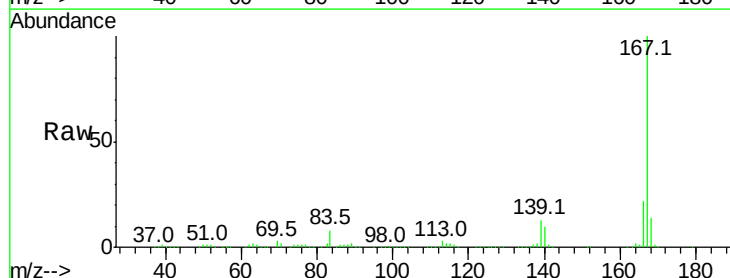
Instrument :
 BNA_F
 ClientSampleId :

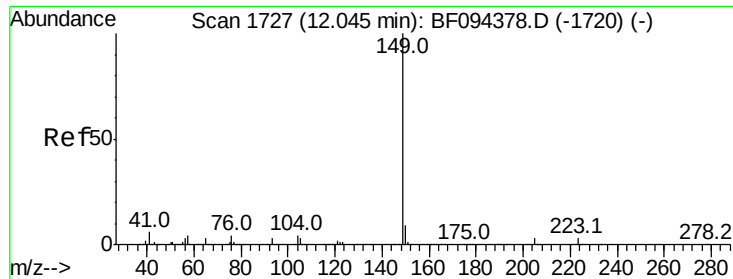
Tot Ion:178 Resp: 1021817
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 34.63 ng
 RT: 11.54 min Scan# 1641
 Delta R.T. 0.01 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

Tgt Ion:167 Resp: 968237
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 12.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 38.92 ng

RT: 11.99 min Scan# 1717

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampled :

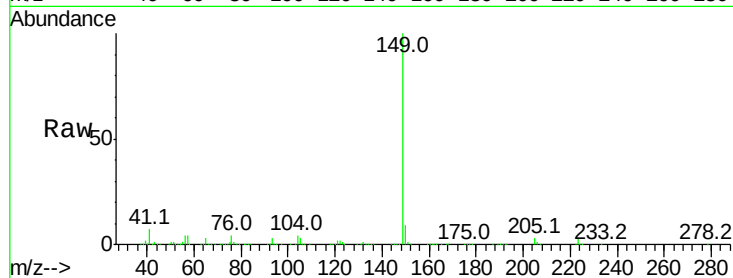
Tot Ion:149 Resp: 1131687

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

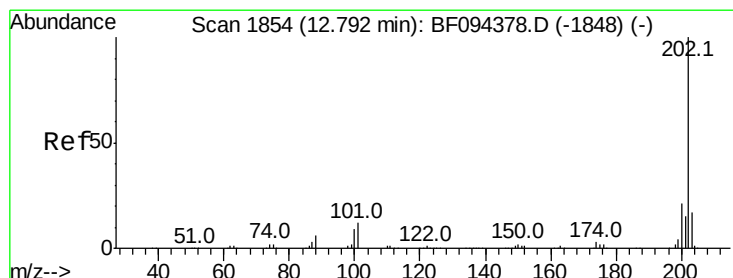
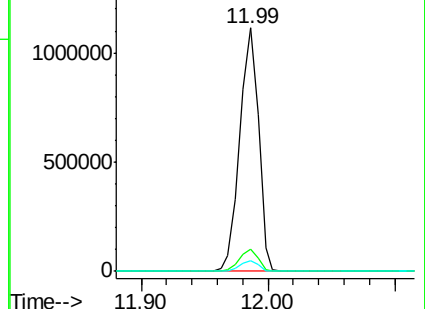
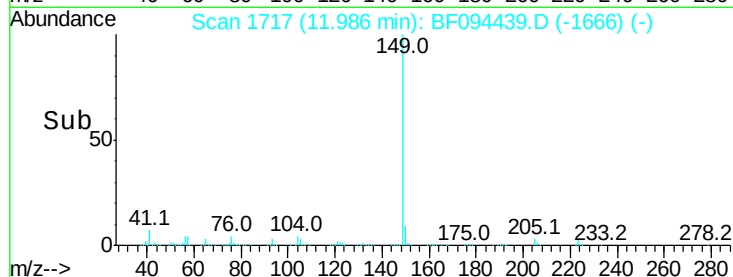
104 4.5 4.0 6.0



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: 36.96 ng

RT: 12.73 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

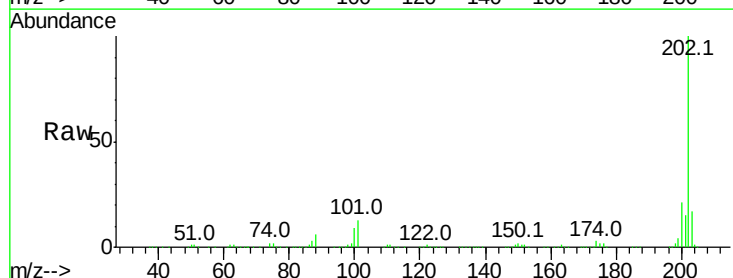
Tgt Ion:202 Resp: 1002233

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.2

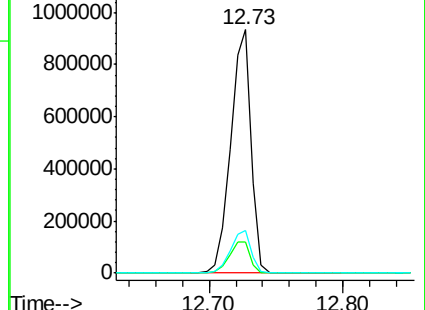
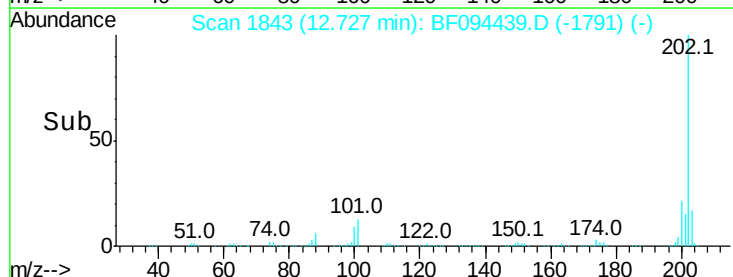
203 17.5 0.0 38.1

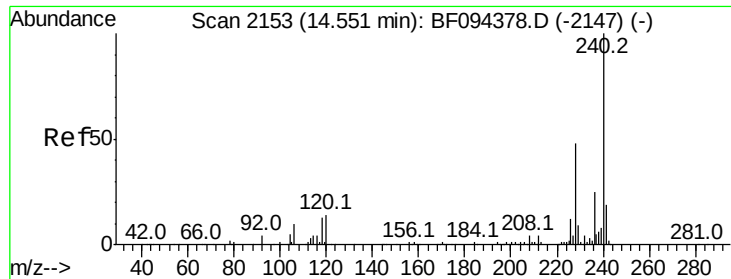


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.49 min Scan# 2142

Delta R.T. 0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampled :

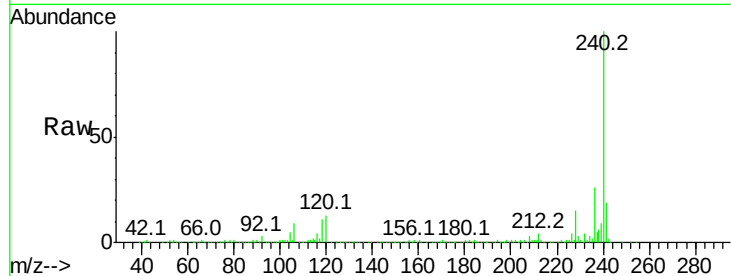
Tot Ion:240 Resp: 364238

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

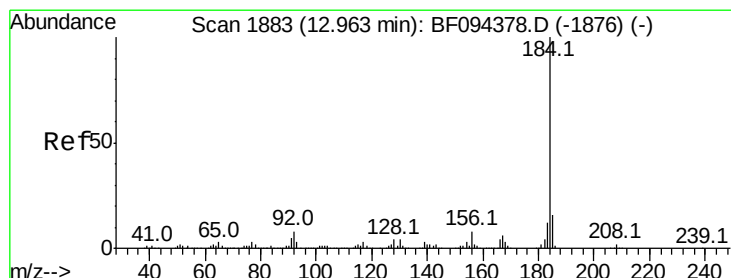
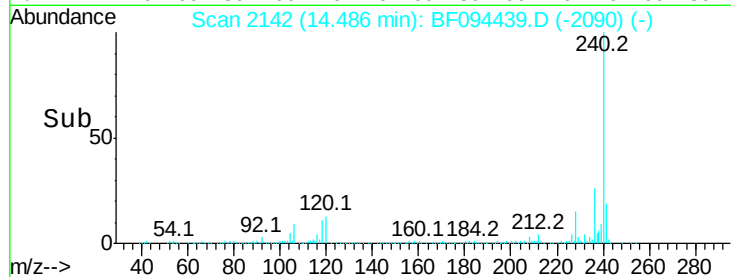
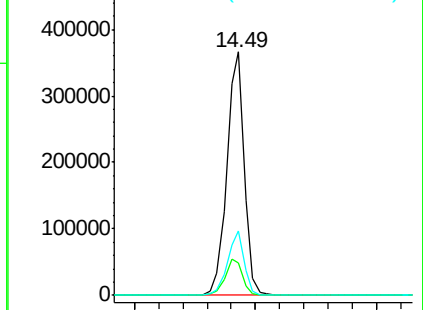
236 26.3 20.5 30.7



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: 18.66 ng

RT: 12.90 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

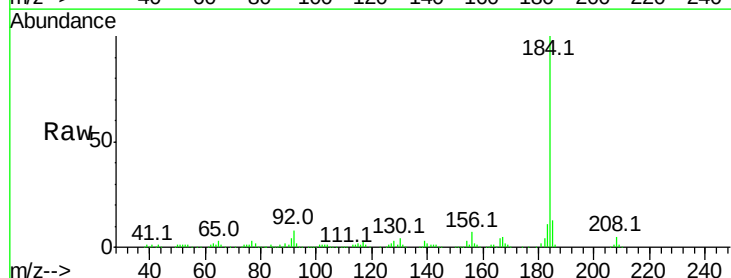
Tgt Ion:184 Resp: 268983

Ion Ratio Lower Upper

184 100

185 13.2 15.5 23.3#

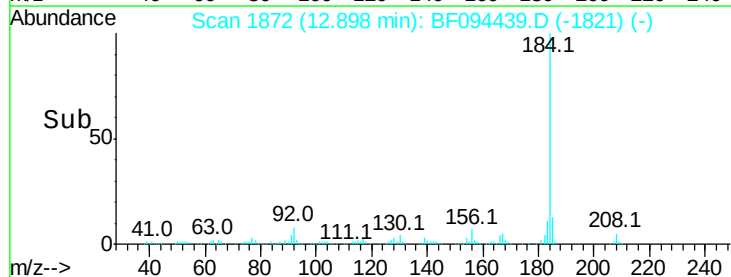
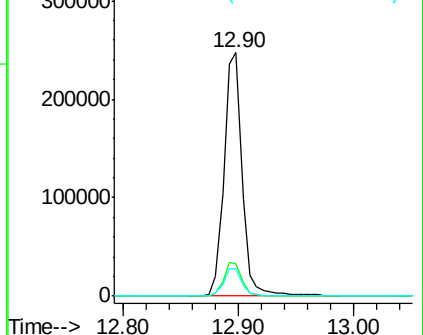
183 11.3 9.8 14.6

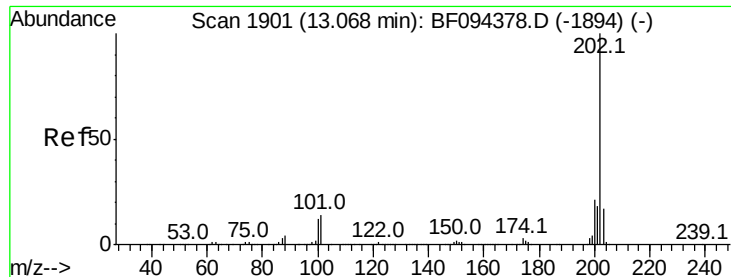


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

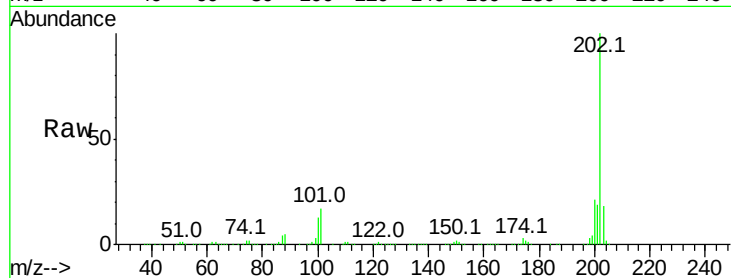




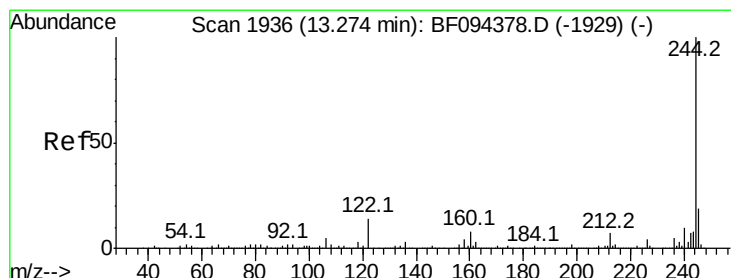
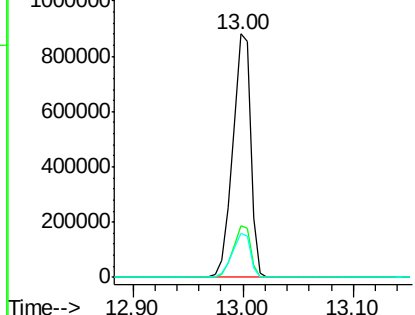
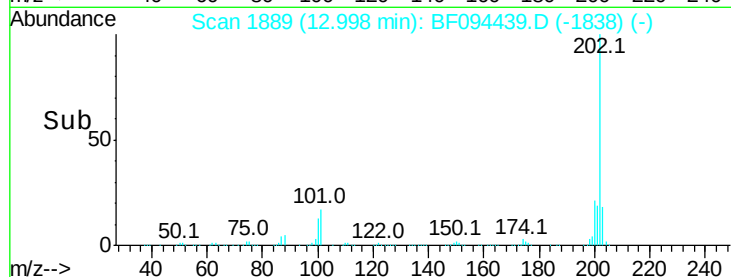
#77
Pvrene
Concen: 38.19 ng
RT: 13.00 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1009628
Ion Ratio Lower Upper
202 100
200 21.0 17.6 26.4
203 18.2 14.4 21.6

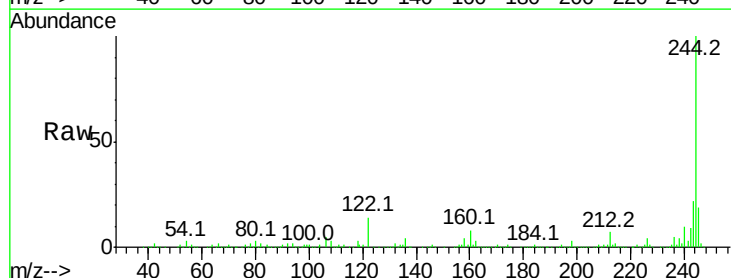


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

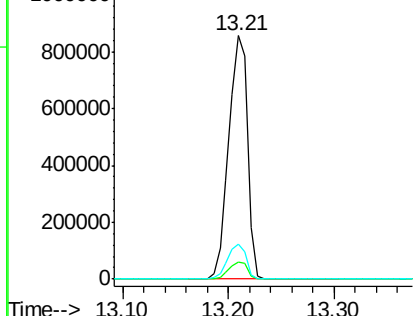
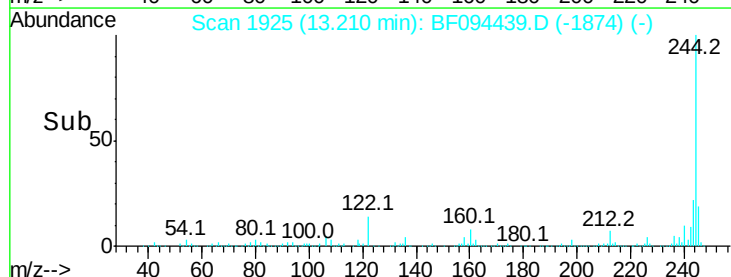


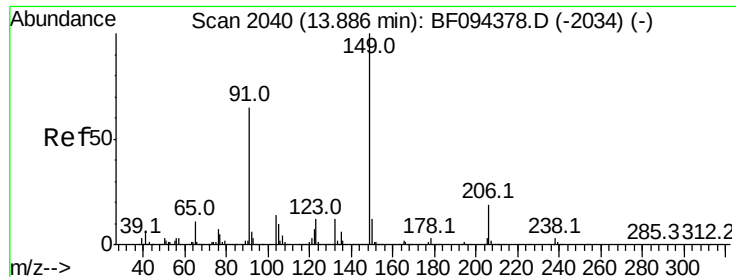
#78
Terphenyl-d14
Concen: 64.53 ng
RT: 13.21 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

Tgt Ion:244 Resp: 1048535
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 14.3 10.3 15.5



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

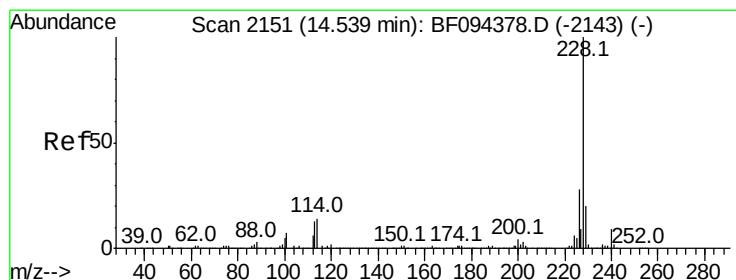
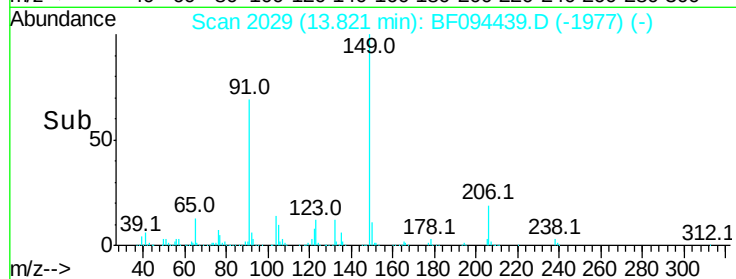
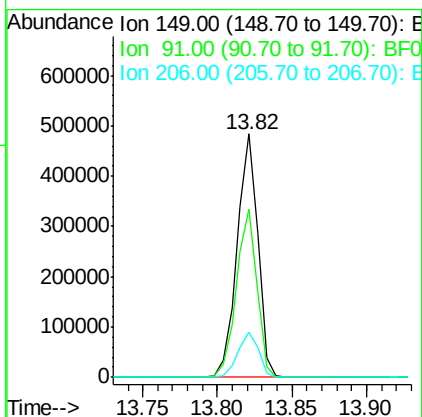
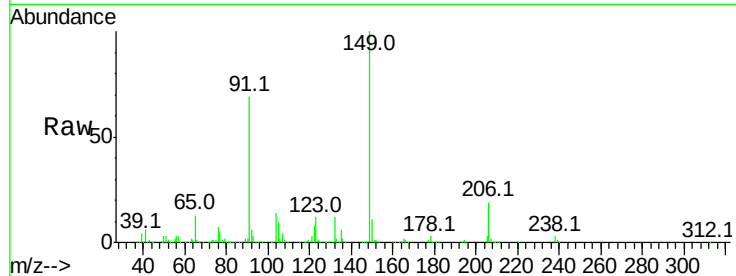




#79
Butylbenzylphthalate
Concen: 41.71 ng
RT: 13.82 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

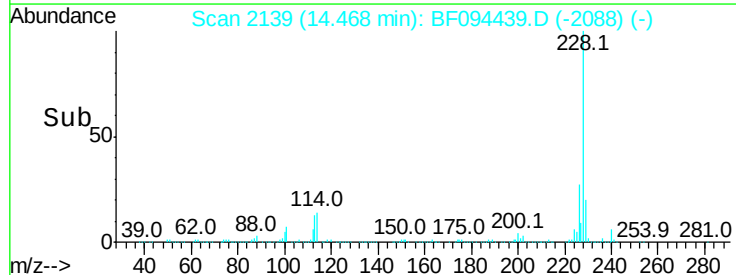
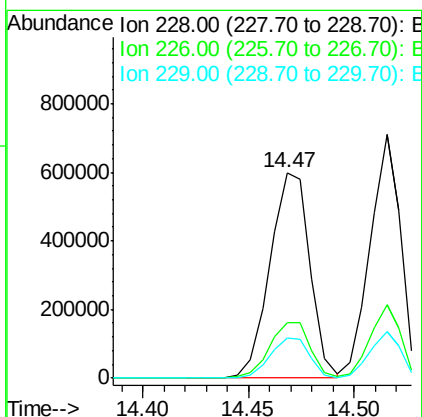
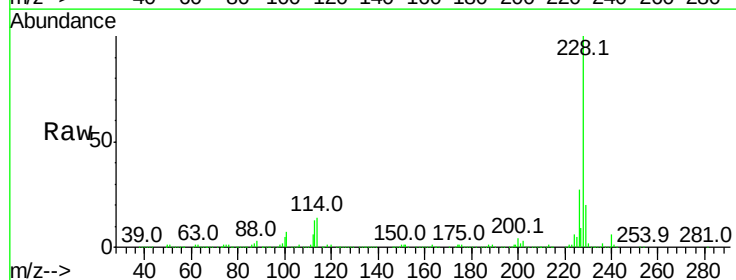
Instrument :
BNA_F
ClientSampleId :

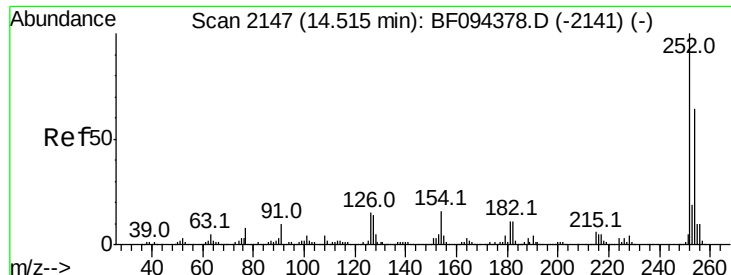
Tot Ion:149 Resp: 469733
Ion Ratio Lower Upper
149 100
91 68.8 45.0 67.4#
206 18.5 17.0 25.6



#80
Benzo(a)anthracene
Concen: 37.03 ng
RT: 14.47 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BF094439.D
Acq: 14 Apr 2017 20:13

Tgt Ion:228 Resp: 786544
Ion Ratio Lower Upper
228 100
226 27.1 22.6 33.8
229 19.5 16.3 24.5

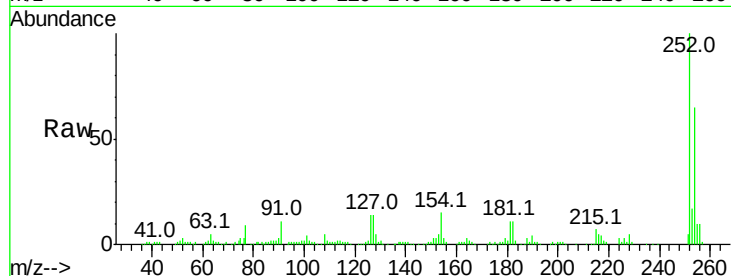




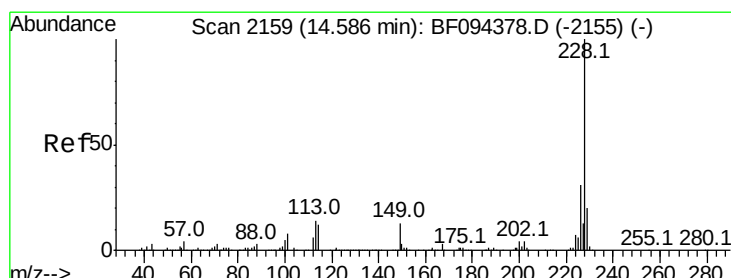
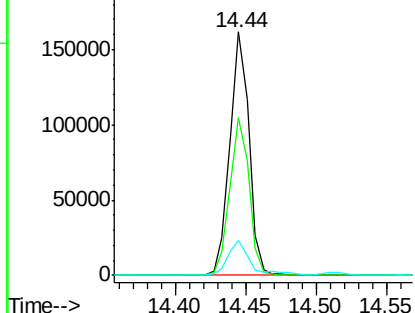
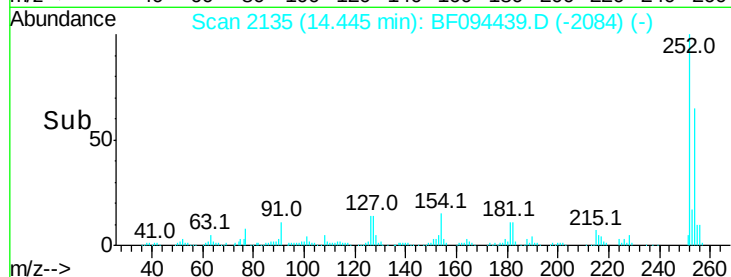
#81
 3,3'-Dichlorobenzidine
 Concen: 20.26 ng
 RT: 14.44 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	14.3	15.8	23.8#

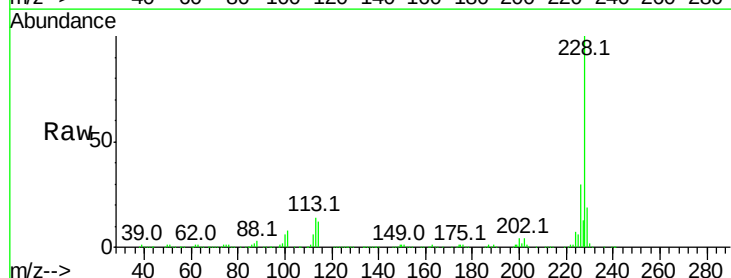


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

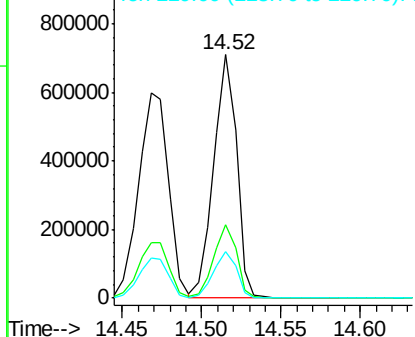
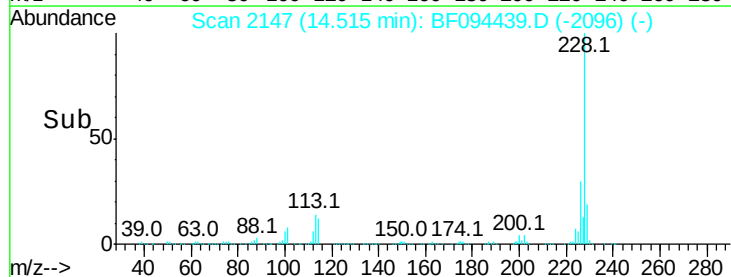


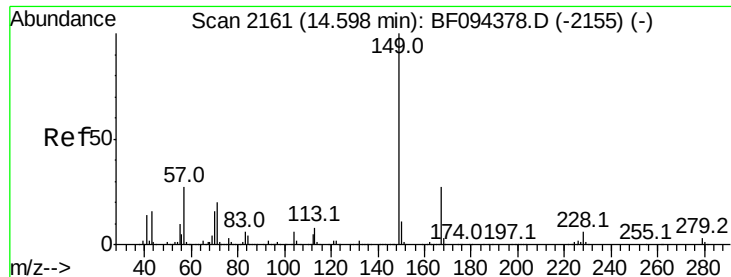
#82
 Chrysene
 Concen: 36.43 ng
 RT: 14.52 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.2	15.8	23.6



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

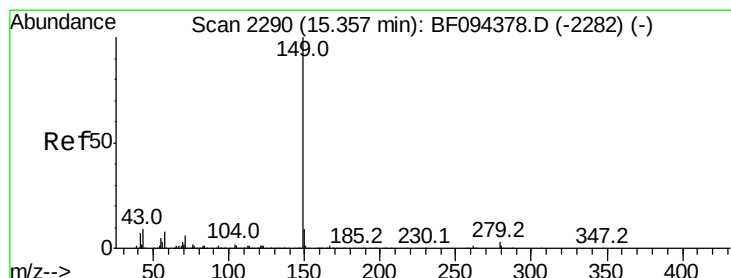
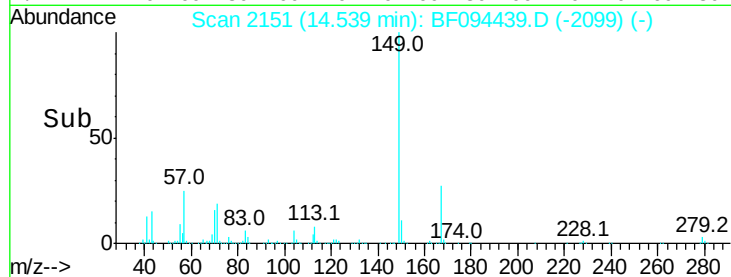
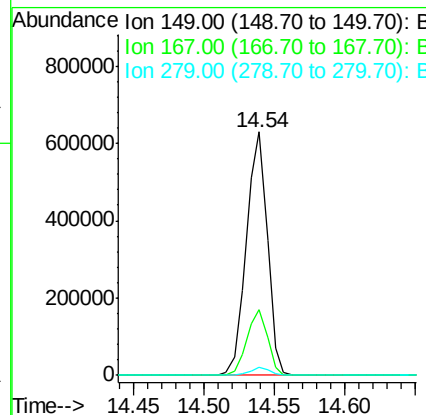
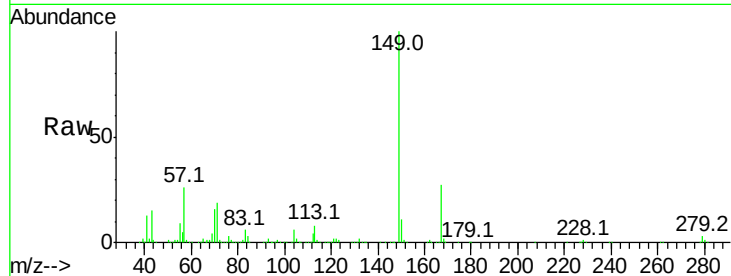




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.53 ng
 RT: 14.54 min Scan# 2151
 Delta R.T. 0.01 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

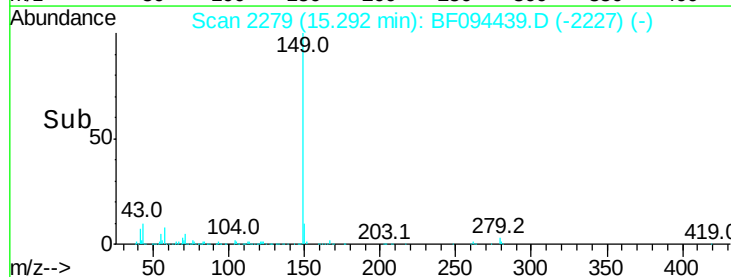
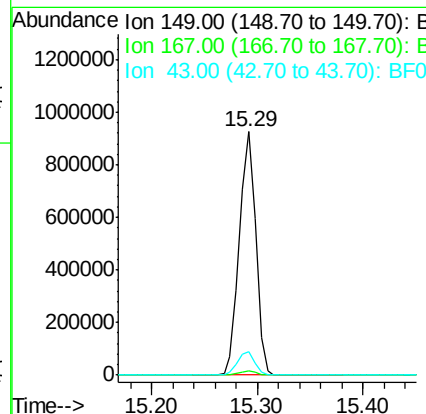
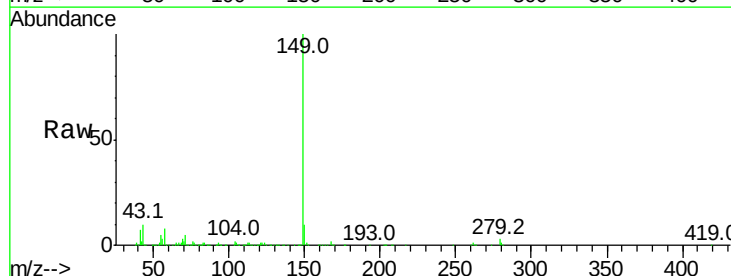
Instrument :
 BNA_F
 ClientSampleId :

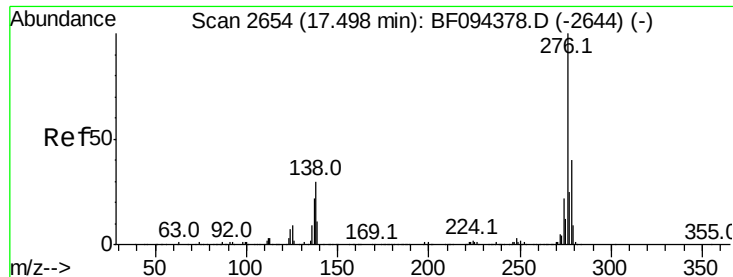
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.0	31.4
279	3.2	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 38.58 ng
 RT: 15.29 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BF094439.D
 Acq: 14 Apr 2017 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.7	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.44 ng

RT: 17.39 min Scan# 2635

Delta R.T. 0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

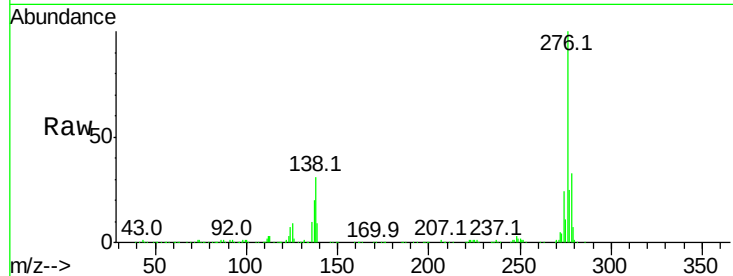
Tot Ion:276 Resp: 587867

Ion Ratio Lower Upper

276 100

138 34.5 27.8 41.6

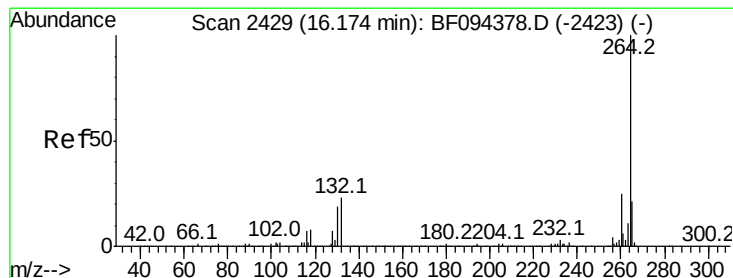
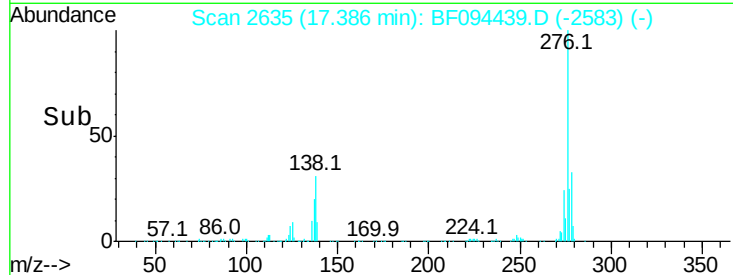
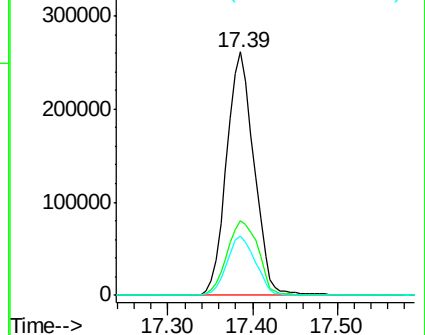
277 25.2 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.10 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

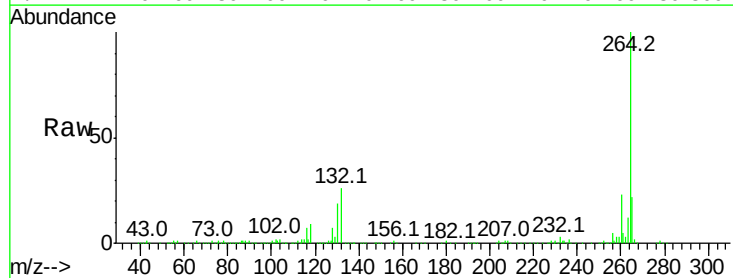
Tgt Ion:264 Resp: 254897

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

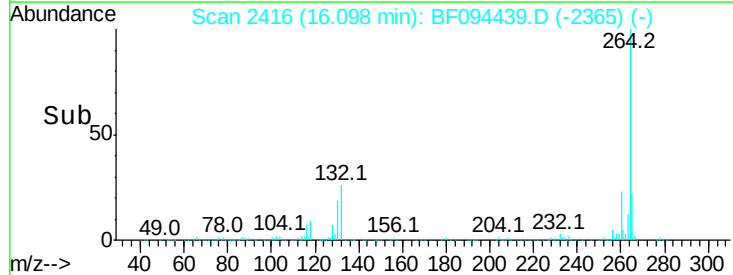
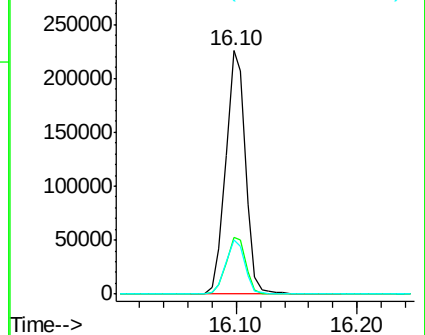
265 22.3 17.2 25.8

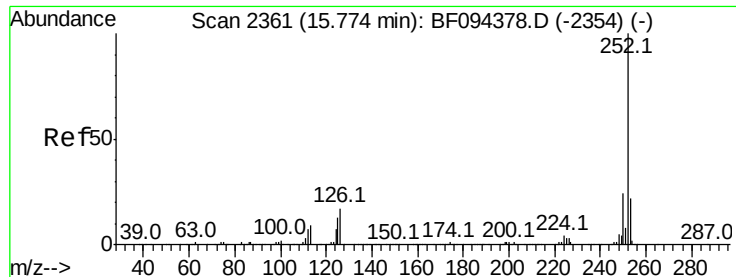


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.76 ng

RT: 15.70 min Scan# 2349

Delta R.T. -0.00 min

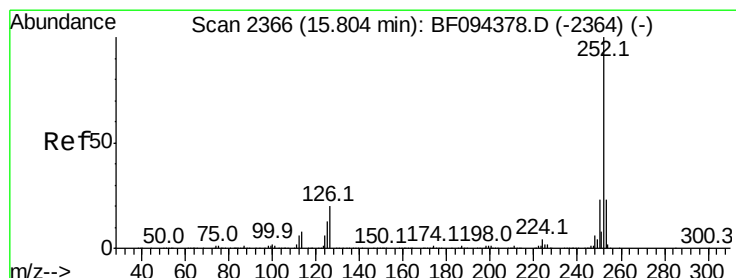
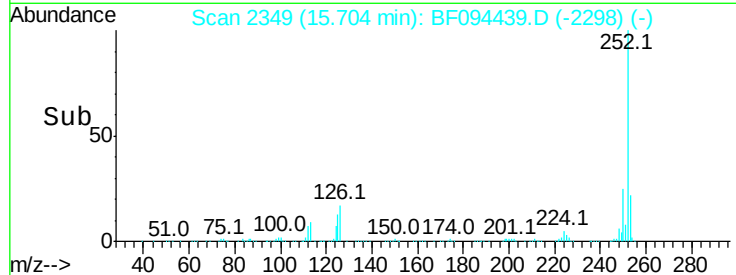
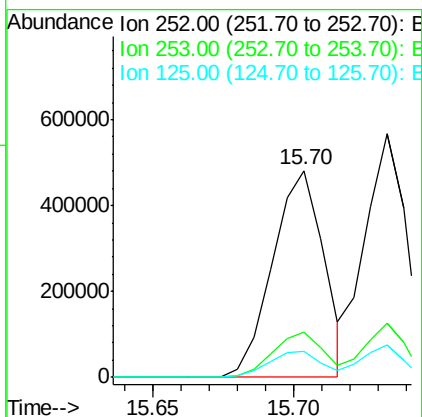
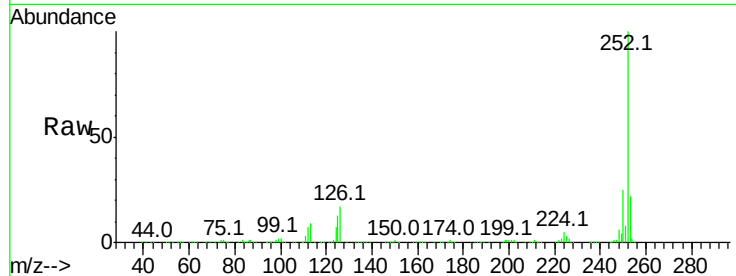
Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 605601

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.8	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 38.52 ng

RT: 15.73 min Scan# 2354

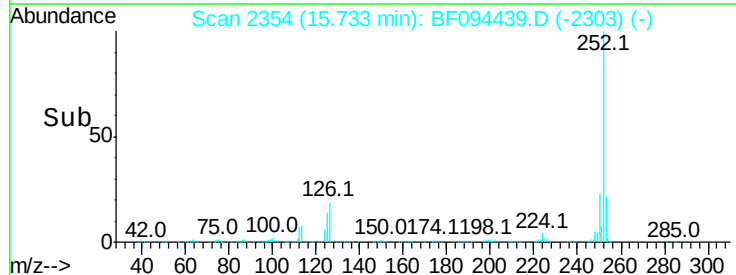
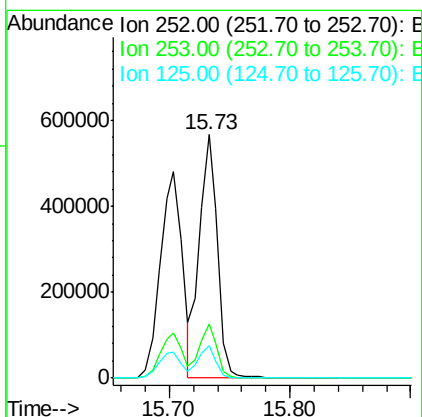
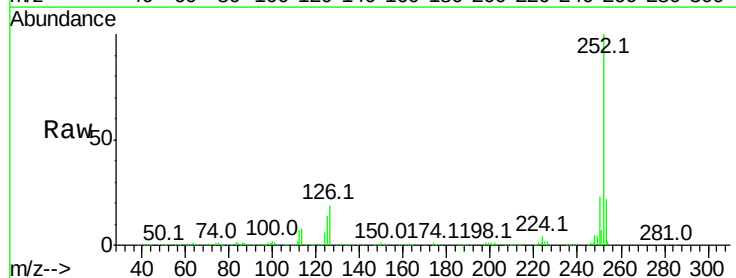
Delta R.T. -0.00 min

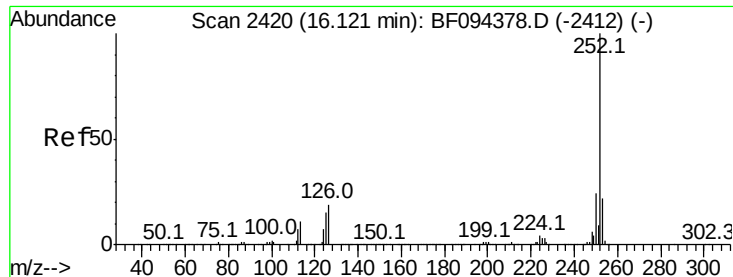
Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Tgt Ion:252 Resp: 588884

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	13.5	13.1	19.7





#89

Benzo(a)pyrene

Concen: 38.23 ng

RT: 16.04 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

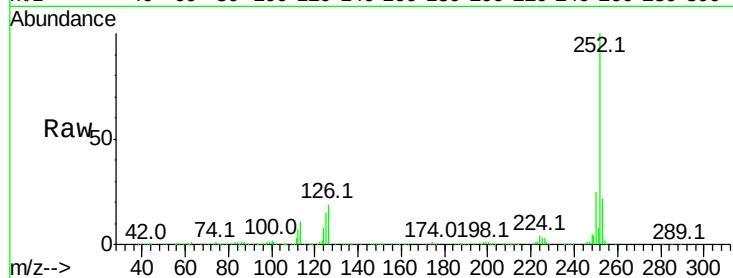
Tot Ion:252 Resp: 550054

Ion Ratio Lower Upper

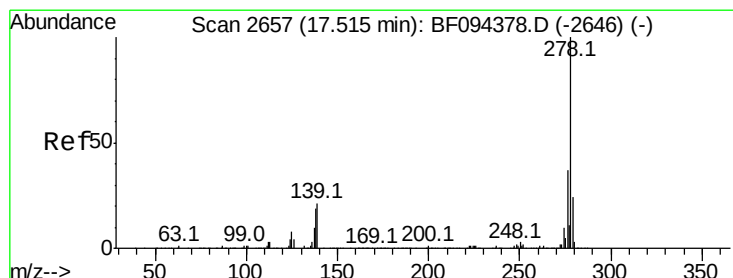
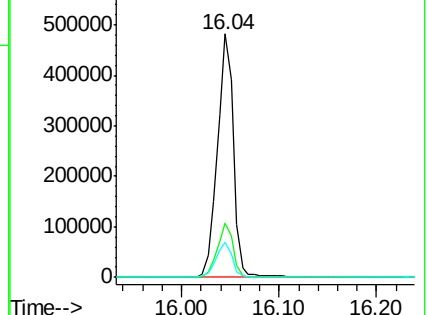
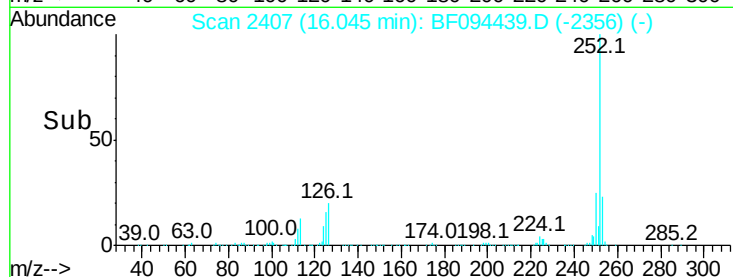
252 100

253 22.2 17.5 26.3

125 14.6 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.93 ng

RT: 17.40 min Scan# 2638

Delta R.T. -0.00 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

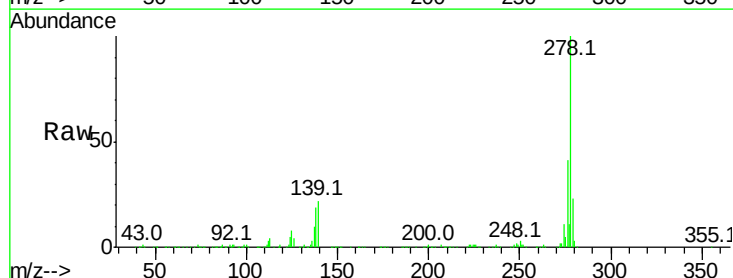
Tgt Ion:278 Resp: 486539

Ion Ratio Lower Upper

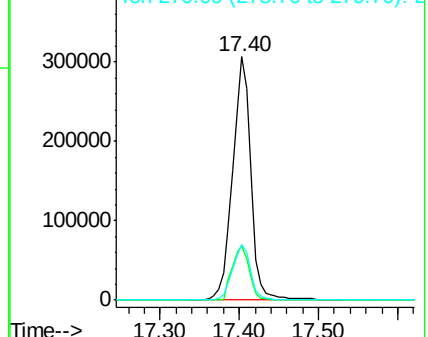
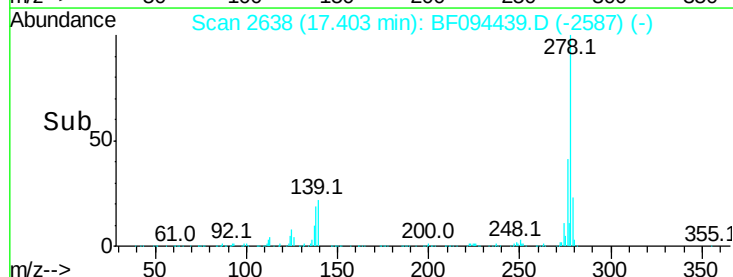
278 100

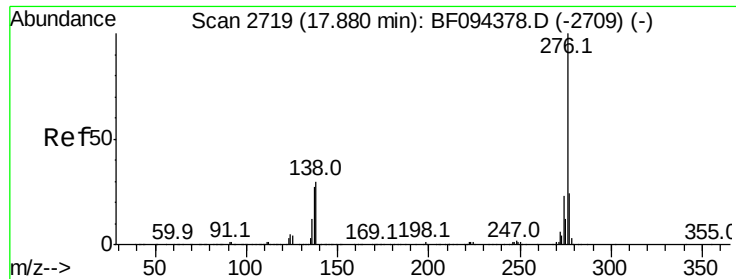
139 22.0 16.6 24.8

279 23.0 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.83 ng

RT: 17.76 min Scan# 2699

Delta R.T. 0.01 min

Lab File: BF094439.D

Acq: 14 Apr 2017 20:13

Instrument :

BNA_F

ClientSampleId :

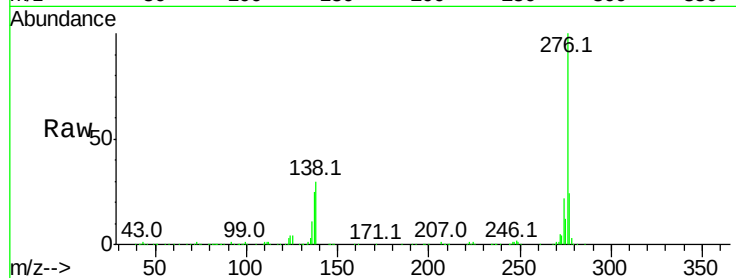
Tot Ion: 276 Resp: 501361

Ion Ratio Lower Upper

276 100

277 24.3 18.6 28.0

138 29.6 25.4 38.0



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

