

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094378.D
 Acq On : 12 Apr 2017 5:32
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 06:02:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	139045	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	535567	20.00	ng	-0.03
38) Acenaphthene-d10	9.47	164	215801	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	345087	20.00	ng	-0.03
75) Chrysene-d12	14.55	240	300963	20.00	ng	-0.02
86) Perylene-d12	16.17	264	225260	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.37	112	581250	70.61	ng	-0.01
7) Phenol-d6	5.46	99	733533	72.03	ng	0.00
23) Nitrobenzene-d5	6.49	82	770954	82.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.45	330	74609	43.75	ng	-0.03
44) 2-Fluorobiphenyl	8.66	172	1253645	88.61	ng	-0.03
78) Terphenyl-d14	13.27	244	1067175	79.48	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.12	88	153999	38.94	ng	97
3) Pyridine	2.63	79	392108	36.38	ng	98
4) n-Nitrosodimethylamine	2.60	42	166388	37.52	ng	91
6) Aniline	5.45	93	519180	36.65	ng	99
8) 2-Chlorophenol	5.60	128	336100	37.14	ng	98
9) Benzaldehyde	5.32	77	241442	35.11	ng	99
10) Phenol	5.47	94	448738	38.72	ng	90
11) bis(2-Chloroethyl)ether	5.53	93	358569	39.59	ng	99
12) 1,3-Dichlorobenzene	5.76	146	412677	40.66	ng	98
13) 1,4-Dichlorobenzene	5.85	146	419605	40.82	ng	97
14) 1,2-Dichlorobenzene	6.03	146	387181	40.90	ng	96
15) Benzyl Alcohol	6.00	79	262960	35.28	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.16	45	475649	34.08	ng	# 12
17) 2-Methylphenol	6.16	107	295113	38.08	ng	# 89
18) Hexachloroethane	6.42	117	123134	34.08	ng	# 85
19) n-Nitroso-di-n-propylamine	6.32	70	255908	39.10	ng	97
20) 3+4-Methylphenols	6.34	107	384638	40.98	ng	# 62
22) Acetophenone	6.30	105	510605	42.78	ng	# 85
24) Nitrobenzene	6.50	77	373404	40.34	ng	94
25) Isophorone	6.79	82	584876	35.47	ng	95
26) 2-Nitrophenol	6.87	139	66076	14.97	ng	96
27) 2,4-Dimethylphenol	6.96	122	299816	39.42	ng	99
28) bis(2-Chloroethoxy)methane	7.05	93	431838	39.71	ng	99
29) 2,4-Dichlorophenol	7.19	162	233417	32.82	ng	99
30) 1,2,4-Trichlorobenzene	7.27	180	297060	40.56	ng	99
31) Naphthalene	7.36	128	1022621	39.71	ng	100
32) Benzoic acid	6.96	122	299816	59.22	ng	# 13
33) 4-Chloroaniline	7.43	127	413875	39.65	ng	# 94
34) Hexachlorobutadiene	7.52	225	153840	40.96	ng	99
35) Caprolactam	7.85	113	63455	27.98	ng	97
36) 4-Chloro-3-methylphenol	8.06	107	258301	34.76	ng	90
37) 2-Methylnaphthalene	8.20	142	662251	38.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.41	216	264140	44.74	ng	99
40) Hexachlorocyclopentadiene	8.39	237	11202	4.05	ng	95

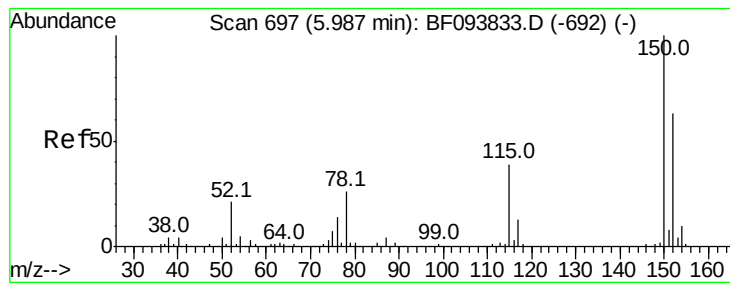
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094378.D
 Acq On : 12 Apr 2017 5:32
 Operator : SJ/MA
 Sample : SSTDC0040
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 ALS Vial : 2 Sample Multiplier: 1

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Quant Time: Apr 12 06:02:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.56	196	105035	25.15	ng	96
43) 2,4,5-Trichlorophenol	8.62	196	119534	26.45	ng	94
45) 1,1'-Biphenyl	8.77	154	732244	42.07	ng	98
46) 2-Chloronaphthalene	8.80	162	562488	41.28	ng	96
47) 2-Nitroaniline	8.93	65	164657	40.74	ng	# 81
48) Acenaphthylene	9.30	152	893610	39.46	ng	100
49) Dimethylphthalate	9.16	163	655055	42.70	ng	99
50) 2,6-Dinitrotoluene	9.23	165	140297	39.90	ng	97
51) Acenaphthene	9.52	154	516311	39.07	ng	100
52) 3-Nitroaniline	9.44	138	175682	42.55	ng	83
54) Dibenzofuran	9.73	168	689165	38.31	ng	100
55) 4-Nitrophenol	9.73	139	302725	93.61	ng	# 29
56) 2,4-Dinitrotoluene	9.72	165	156578	35.45	ng	# 66
57) Fluorene	10.15	166	571845	38.34	ng	98
58) 2,3,4,6-Tetrachlorophenol	9.89	232	45647	14.72	ng	# 71
59) Diethylphthalate	10.03	149	612225	40.38	ng	98
60) 4-Chlorophenyl-phenylether	10.16	204	252170	39.68	ng	# 87
61) 4-Nitroaniline	10.19	138	166513	42.02	ng	95
62) Azobenzene	10.35	77	518283	36.14	ng	93
65) n-Nitrosodiphenylamine	10.30	169	505275	42.34	ng	100
66) 4-Bromophenyl-phenylether	10.75	248	145880	42.98	ng	97
67) Hexachlorobenzene	10.83	284	138957	40.45	ng	# 90
68) Atrazine	10.98	200	149074	41.71	ng	99
69) Pentachlorophenol	11.09	266	10059	4.70	ng	93
70) Phenanthrene	11.33	178	771185	40.17	ng	98
71) Anthracene	11.39	178	796759	40.31	ng	98
72) Carbazole	11.60	167	807193	39.83	ng	98
73) Di-n-butylphthalate	12.04	149	895498	42.49	ng	98
74) Fluoranthene	12.79	202	806325	41.02	ng	97
76) Benzidine	12.96	184	439638	36.91	ng	95
77) Pyrene	13.07	202	832672	38.12	ng	98
79) Butylbenzylphthalate	13.89	149	373195	40.10	ng	90
80) Benzo(a)anthracene	14.54	228	694410	39.57	ng	99
81) 3,3'-Dichlorobenzidine	14.52	252	255328	40.70	ng	# 97
82) Chrysene	14.59	228	648773	39.84	ng	100
83) Bis(2-ethylhexyl)phthalate	14.60	149	523771	41.25	ng	99
84) Di-n-octyl phthalate	15.36	149	890553	41.99	ng	98
85) Indeno(1,2,3-cd)pyrene	17.50	276	488550	34.64	ng	99
87) Benzo(b)fluoranthene	15.77	252	609497	44.14	ng	98
88) Benzo(k)fluoranthene	15.80	252	530347	39.26	ng	97
89) Benzo(a)pyrene	16.12	252	513833	40.41	ng	99
90) Dibenzo(a,h)anthracene	17.52	278	417084	38.73	ng	99
91) Benzo(g,h,i)perylene	17.88	276	402121	37.05	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.83 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

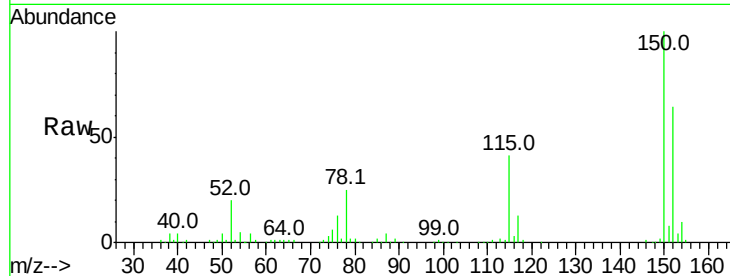
Tot Ion:152 Resp: 139045

Ion Ratio Lower Upper

152 100

150 156.3 126.2 189.2

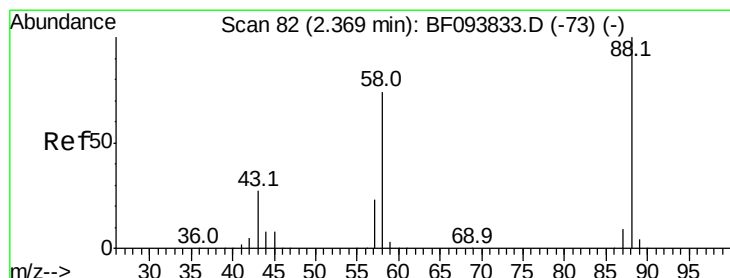
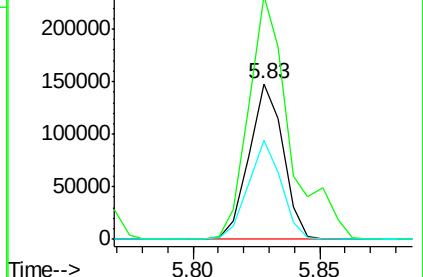
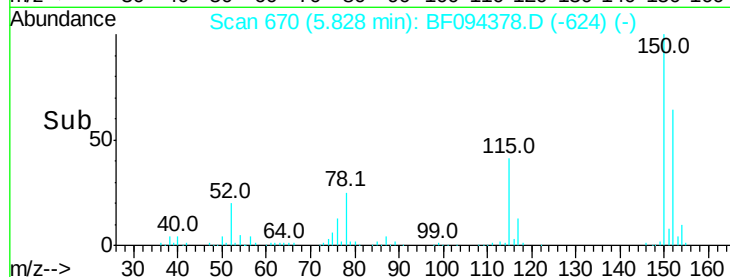
115 63.3 52.2 78.2



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: 38.94 ng

RT: 2.12 min Scan# 40

Delta R.T. -0.08 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

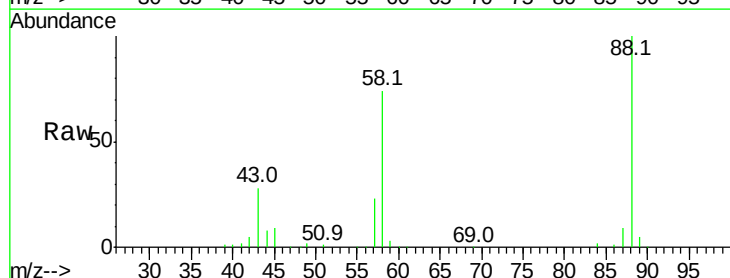
Tgt Ion: 88 Resp: 153999

Ion Ratio Lower Upper

88 100

58 73.6 61.4 92.0

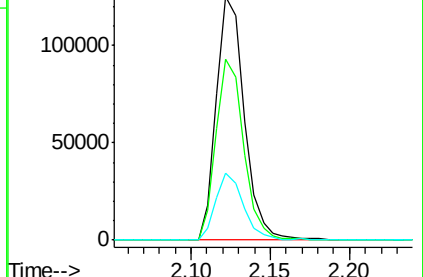
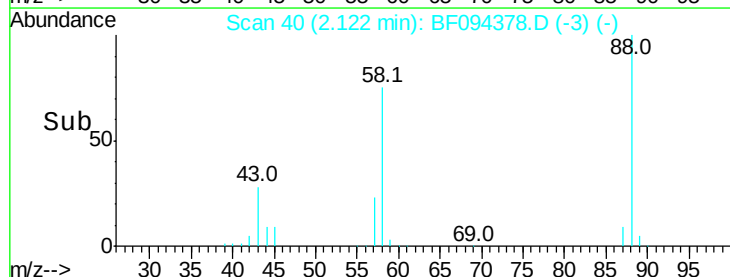
43 27.7 23.4 35.0

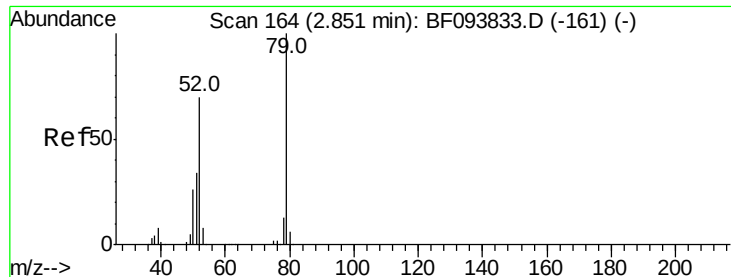


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.38 ng

RT: 2.63 min Scan# 127

Delta R.T. -0.06 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampled :

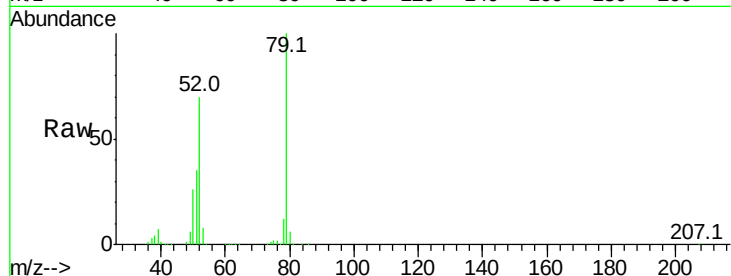
Tot Ion: 79 Resp: 392108

Ion Ratio Lower Upper

79 100

52 70.0 54.8 82.2

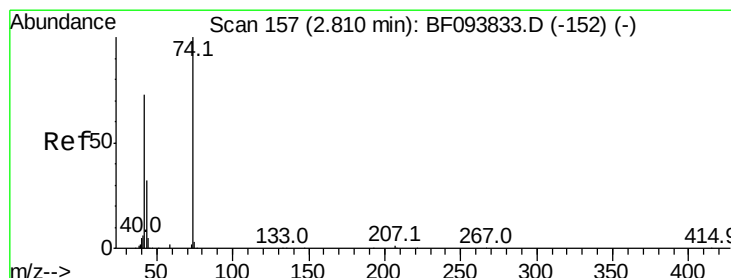
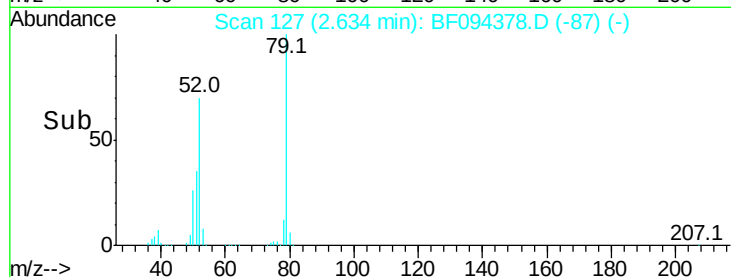
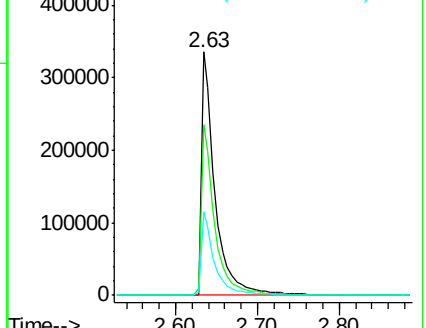
51 34.6 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.52 ng

RT: 2.60 min Scan# 122

Delta R.T. -0.06 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

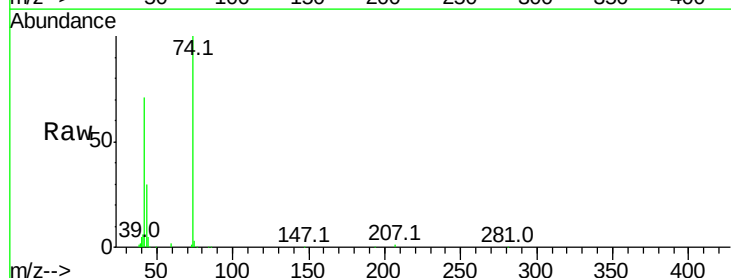
Tgt Ion: 42 Resp: 166388

Ion Ratio Lower Upper

42 100

74 141.5 103.9 155.9

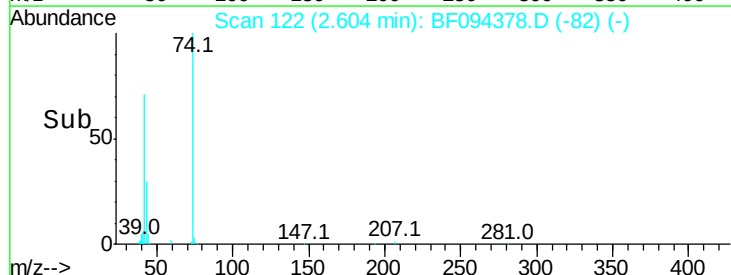
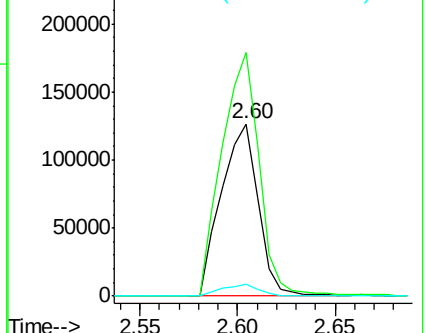
44 7.1 5.7 8.5

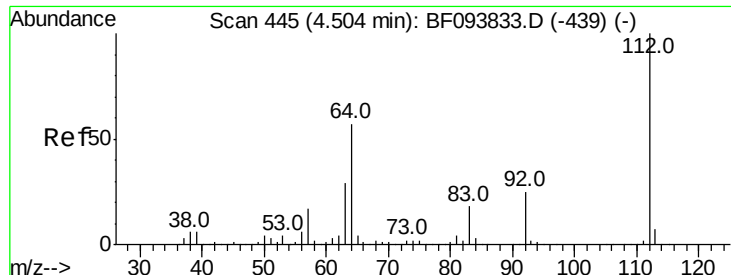


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 70.61 ng

RT: 4.37 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :
BNA_F
ClientSampled :

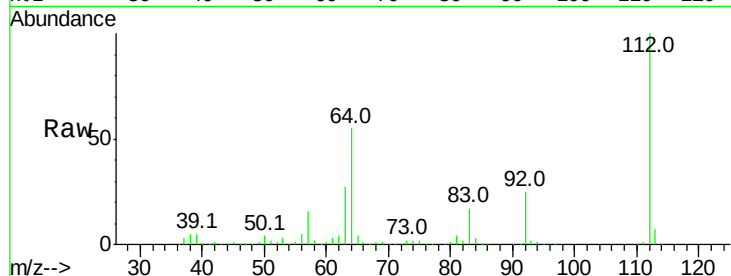
Tot Ion:112 Resp: 581250

Ion Ratio Lower Upper

112 100

64 54.5 46.0 69.0

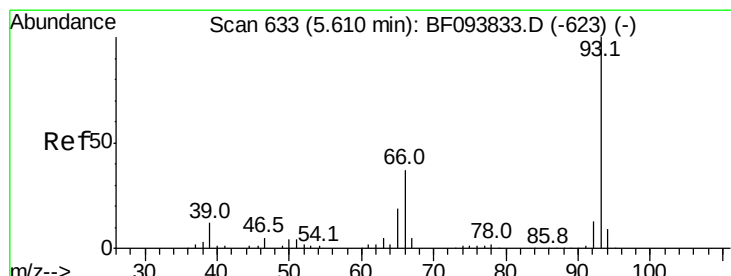
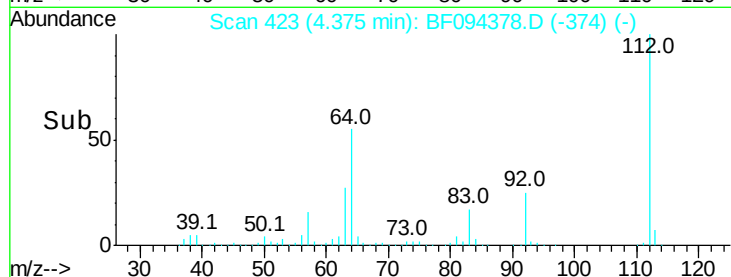
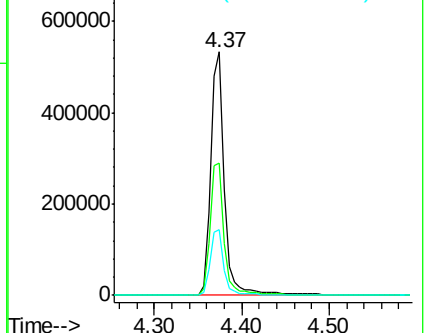
63 26.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.65 ng

RT: 5.45 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

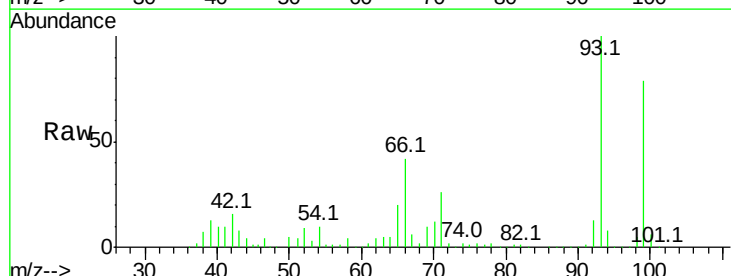
Tgt Ion: 93 Resp: 519180

Ion Ratio Lower Upper

93 100

66 42.0 32.9 49.3

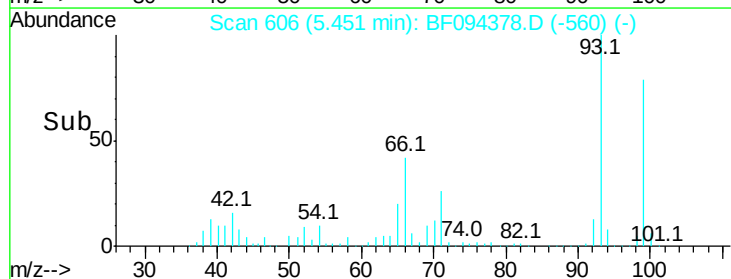
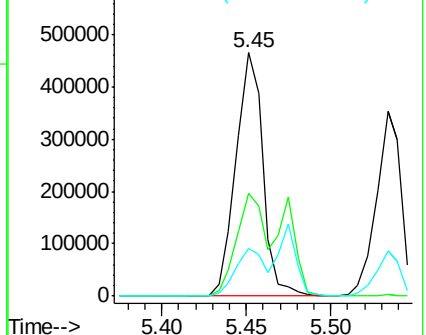
65 19.8 16.0 24.0

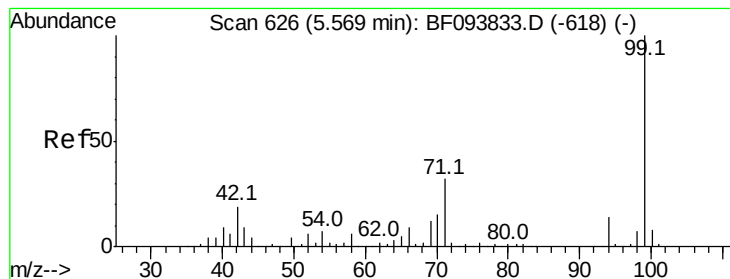


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.03 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampled :

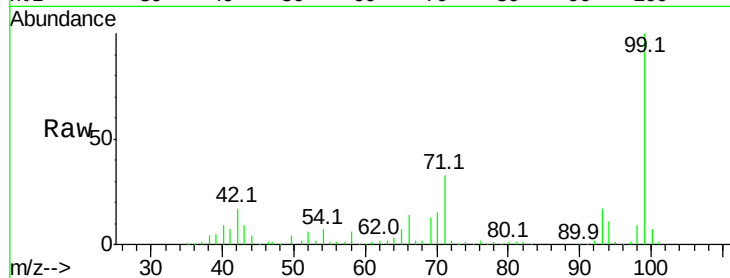
Tot Ion: 99 Resp: 733533

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

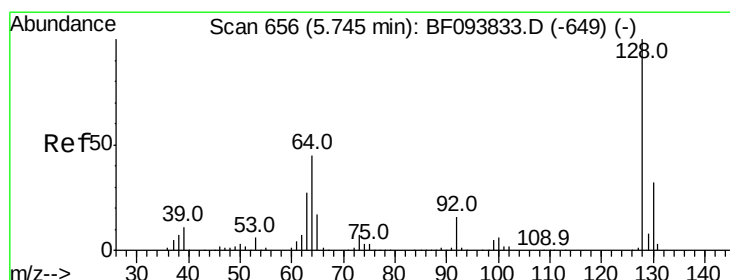
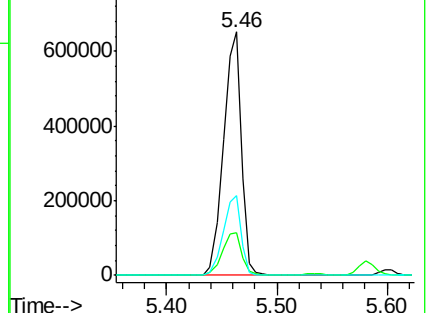
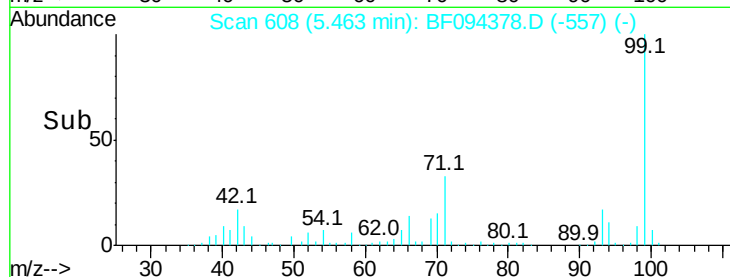
71 32.9 24.5 36.7



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: 37.14 ng

RT: 5.60 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

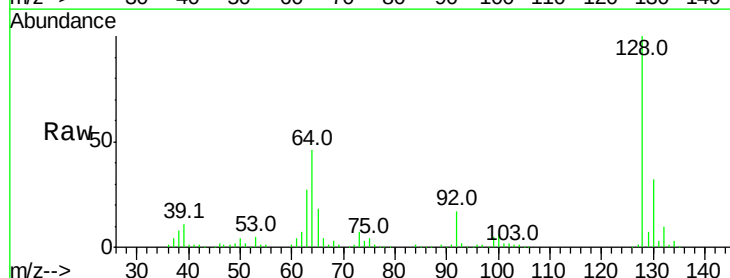
Tgt Ion: 128 Resp: 336100

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

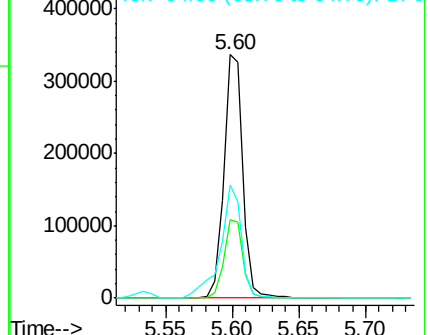
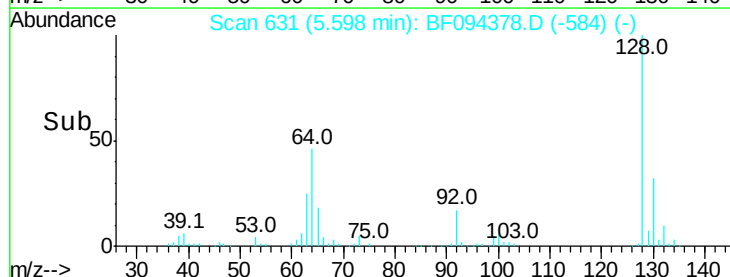
64 46.2 28.4 68.4

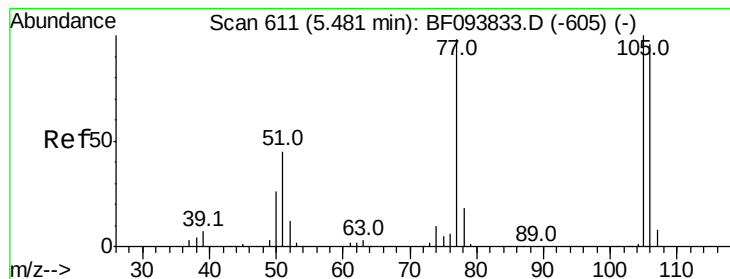


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.11 ng

RT: 5.32 min Scan# 584

Delta R.T. -0.03 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

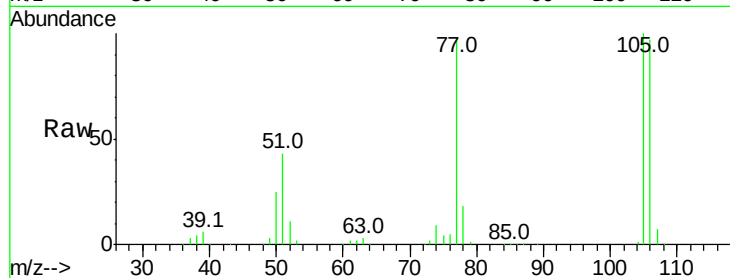
Tot Ion: 77 Resp: 241442

Ion Ratio Lower Upper

77 100

105 102.9 83.8 123.8

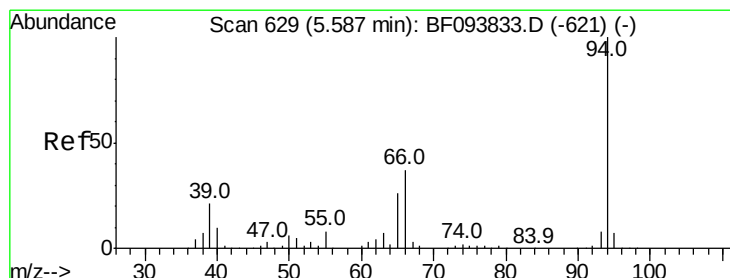
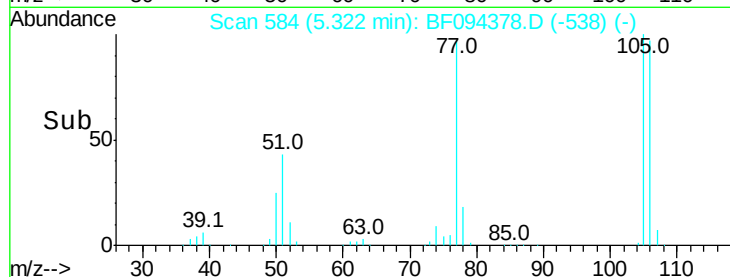
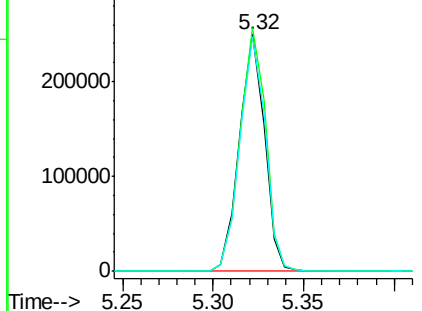
106 99.4 79.1 119.1



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: 38.72 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

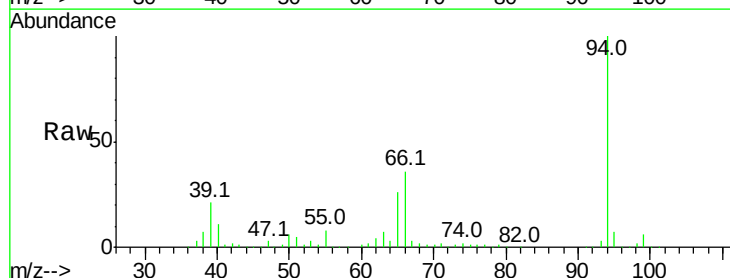
Tgt Ion: 94 Resp: 448738

Ion Ratio Lower Upper

94 100

65 26.0 9.9 49.9

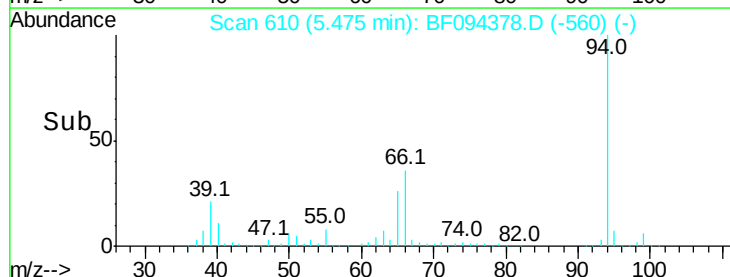
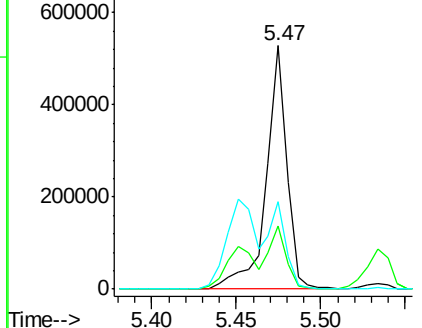
66 35.8 23.1 63.1

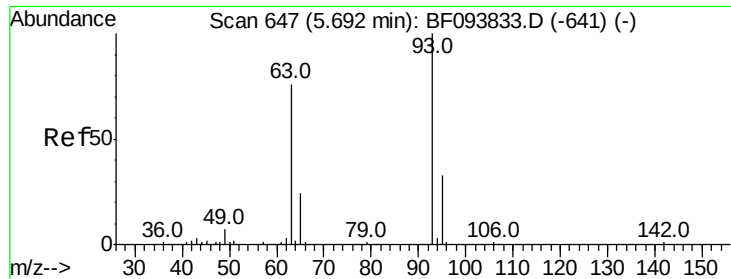


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.59 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.03 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampled :

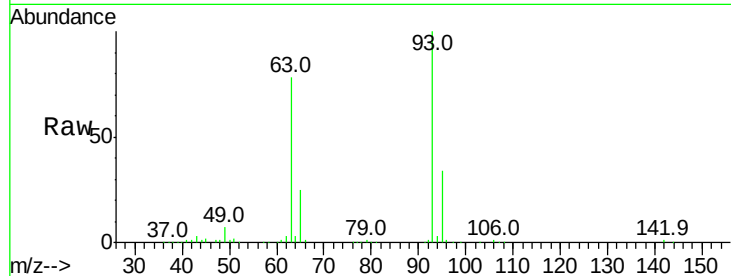
Tot Ion: 93 Resp: 358569

Ion Ratio Lower Upper

93 100

63 78.0 59.2 99.2

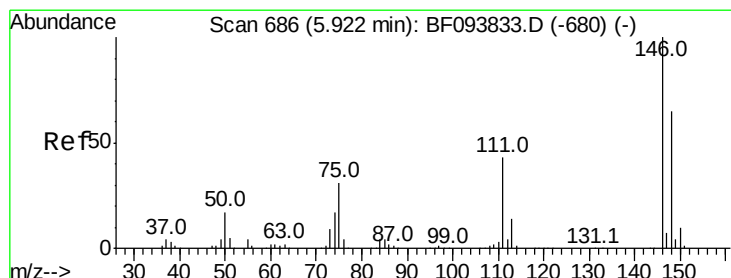
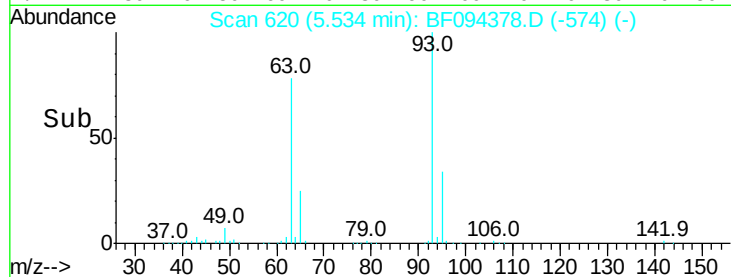
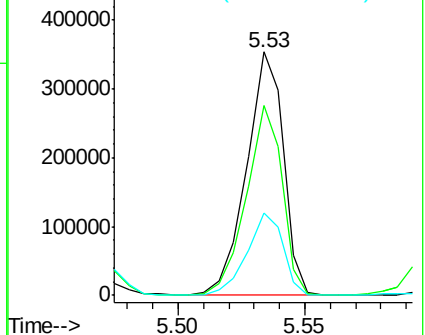
95 33.7 12.8 52.8



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: 40.66 ng

RT: 5.76 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

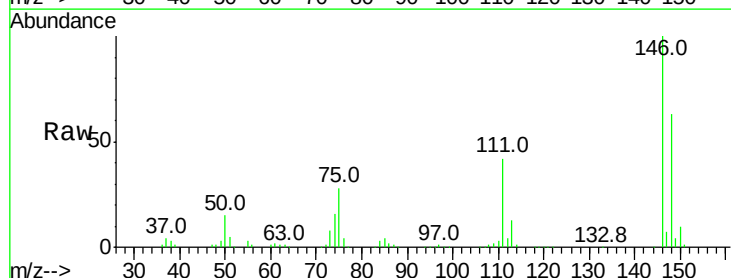
Tgt Ion: 146 Resp: 412677

Ion Ratio Lower Upper

146 100

148 62.8 51.8 77.6

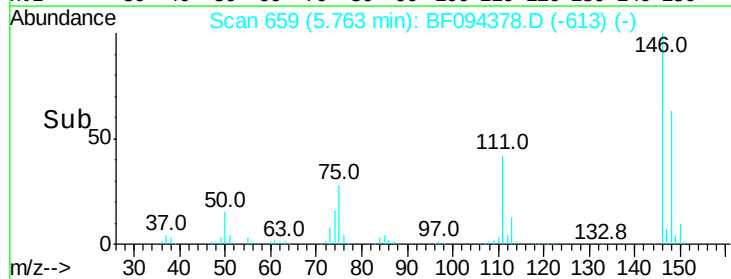
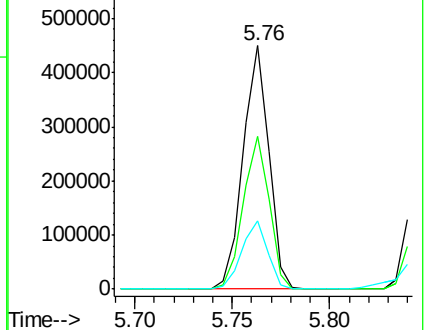
75 28.0 23.1 34.7

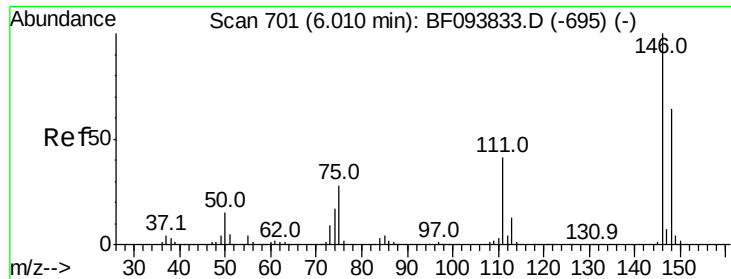


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

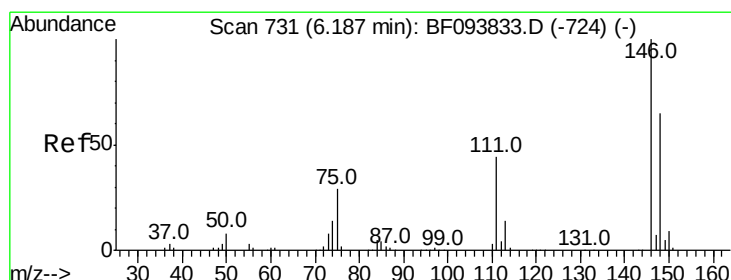
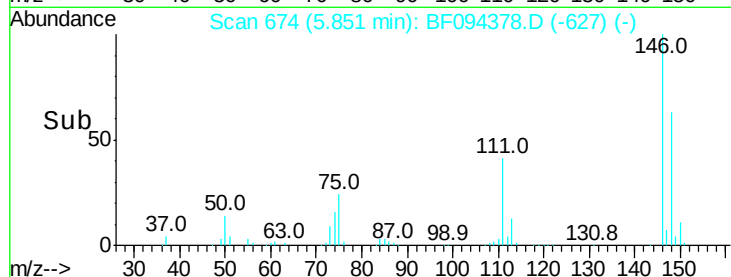
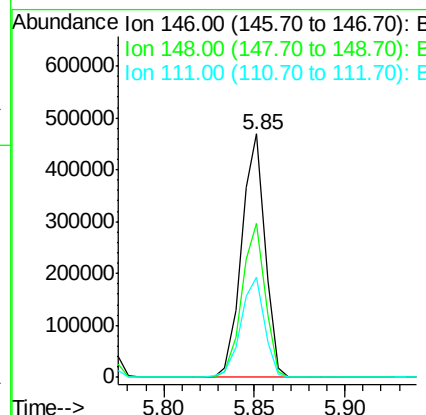
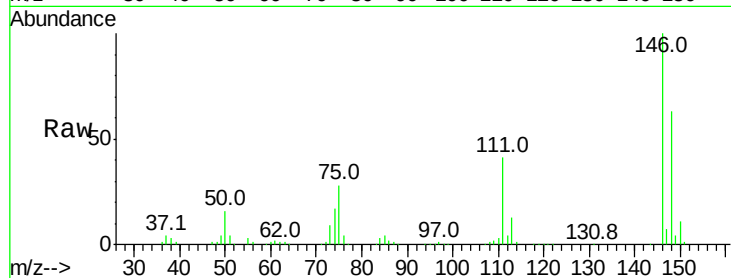




#13
 1,4-Dichlorobenzene
 Concen: 40.82 ng
 RT: 5.85 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

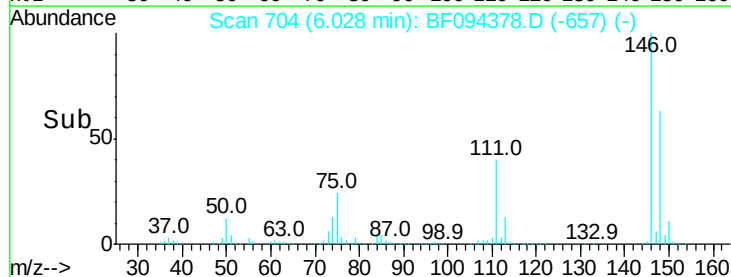
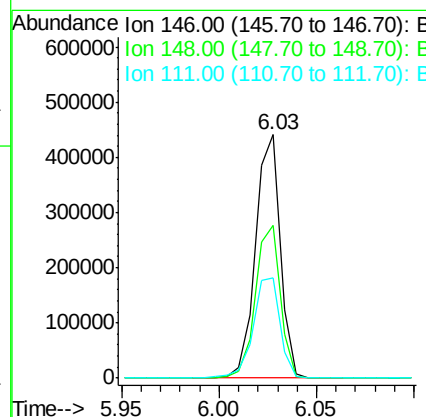
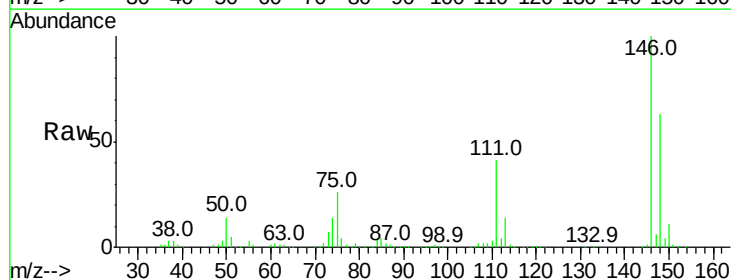
Instrument :
 BNA_F
 ClientSampleId :

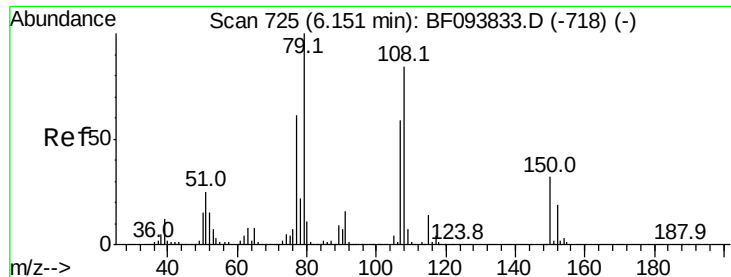
Tot Ion:146 Resp: 419605
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 40.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 40.90 ng
 RT: 6.03 min Scan# 704
 Delta R.T. -0.02 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

Tgt Ion:146 Resp: 387181
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.4 75.6
 111 41.4 38.2 57.4





#15

Benzyl Alcohol

Concen: 35.28 ng

RT: 6.00 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

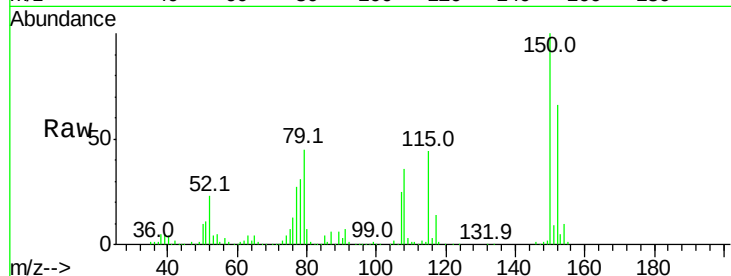
Tot Ion: 79 Resp: 262960

Ion Ratio Lower Upper

79 100

108 79.8 63.4 95.0

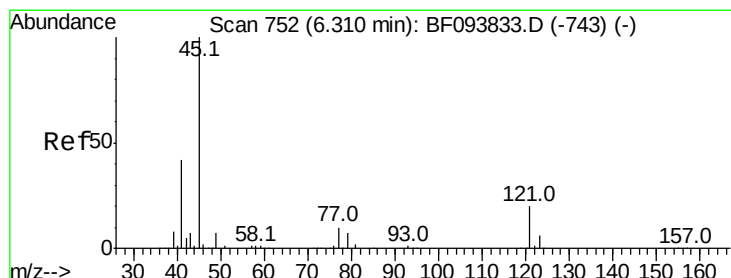
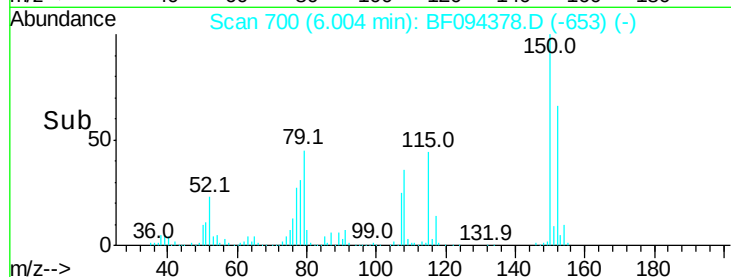
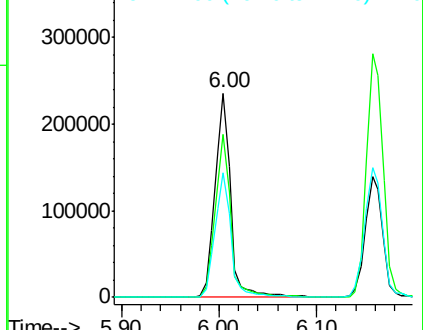
77 61.0 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.08 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

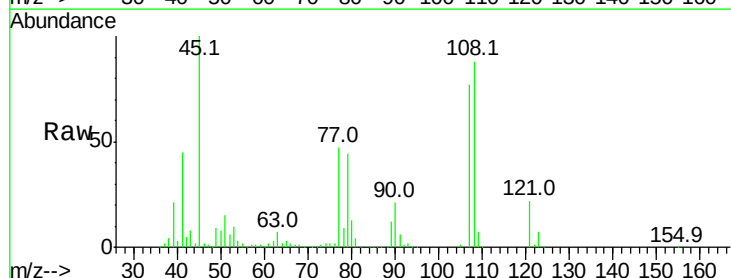
Tgt Ion: 45 Resp: 475649

Ion Ratio Lower Upper

45 100

77 47.1 0.0 33.2#

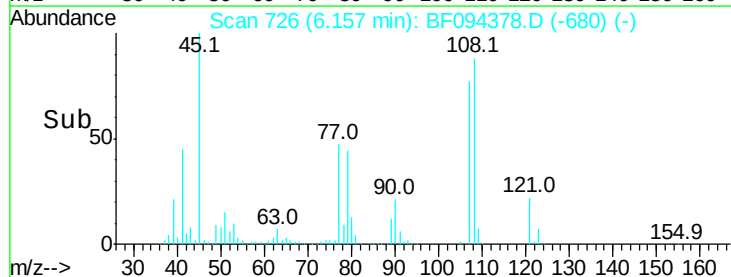
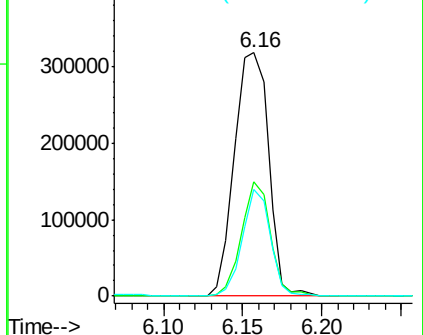
79 43.7 0.0 30.0#

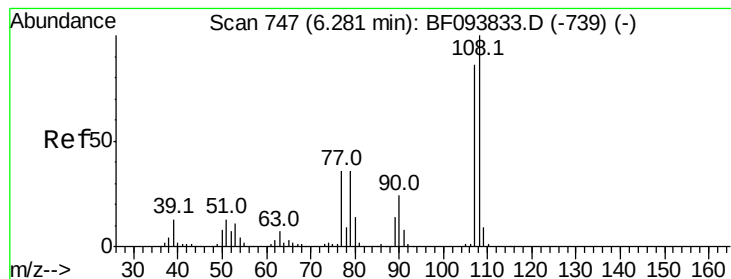


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.08 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF094378.D

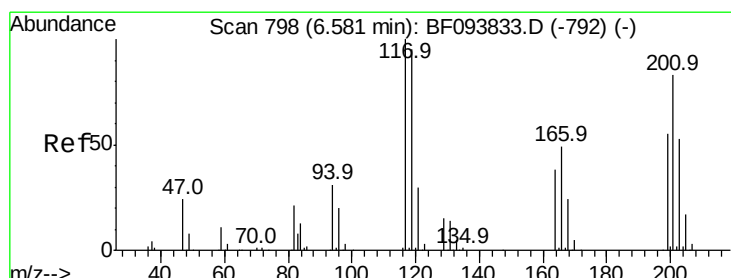
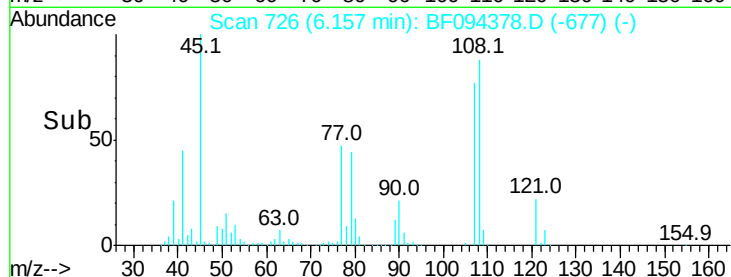
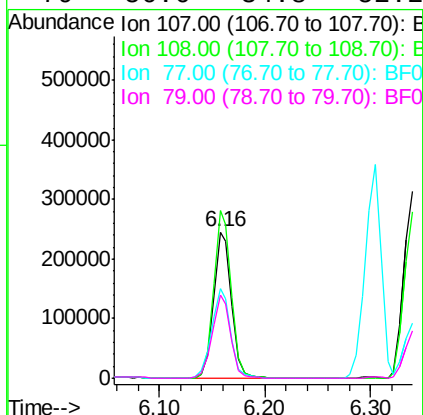
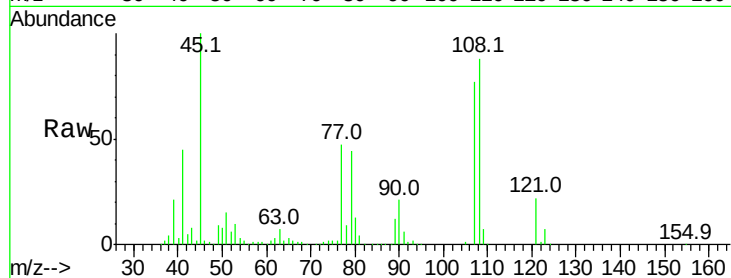
Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	295113
Ion	Ratio	Lower	Upper
107	100		
108	114.4	93.4	140.0
77	61.1	35.8	53.6#
79	56.6	34.8	52.2#



#18

Hexachloroethane

Concen: 34.08 ng

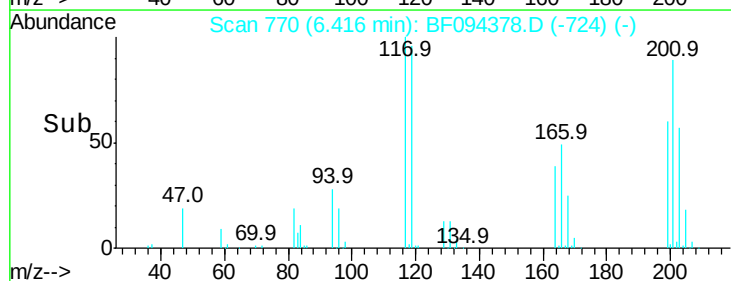
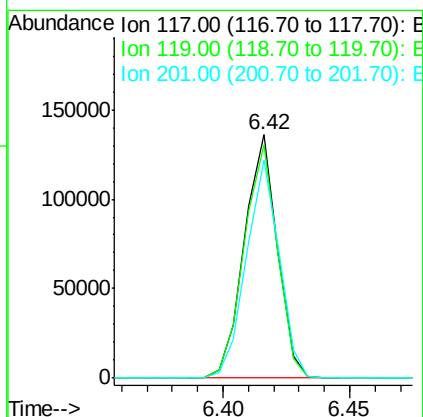
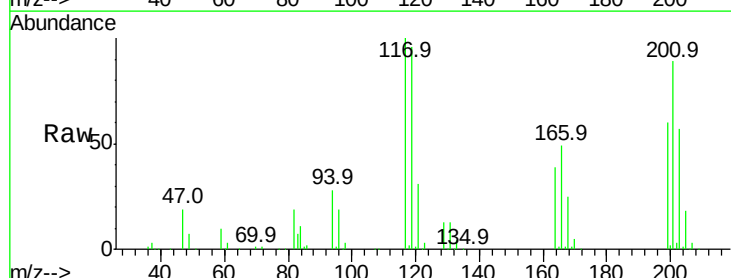
RT: 6.42 min Scan# 770

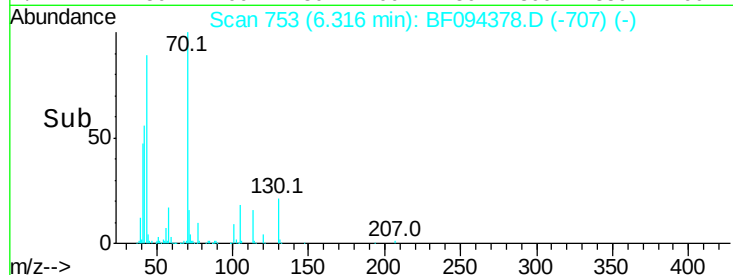
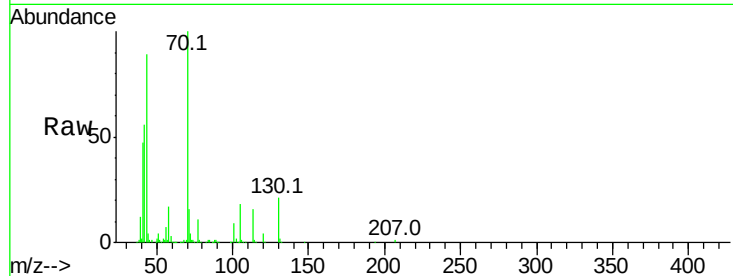
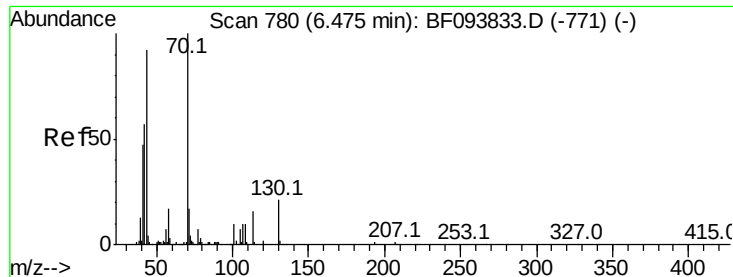
Delta R.T. -0.03 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Tgt Ion:	117	Resp:	123134
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.0
201	89.3	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 39.10 ng

RT: 6.32 min Scan# 753

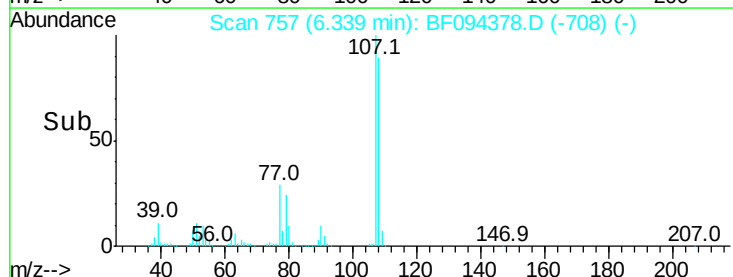
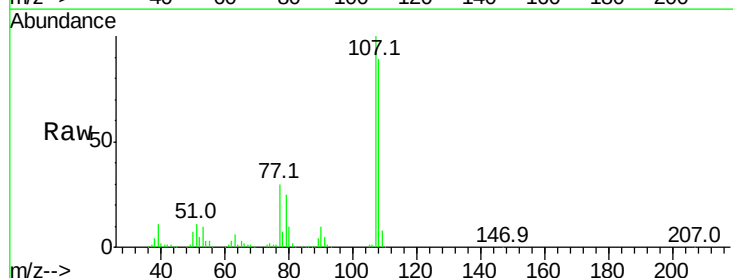
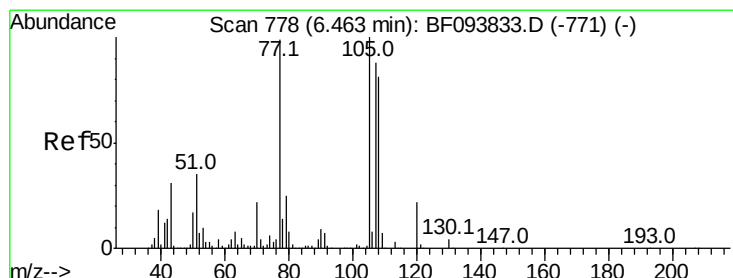
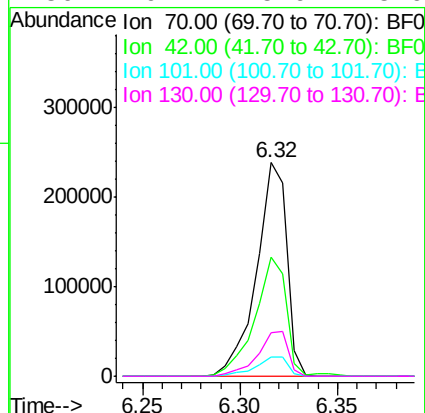
Delta R.T. -0.03 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	255908
Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.2	70.8
101	9.2	7.2	10.8
130	20.7	15.9	23.9



#20

3+4-Methylphenols

Concen: 40.98 ng

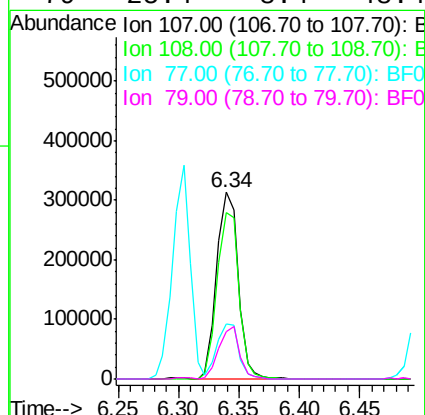
RT: 6.34 min Scan# 757

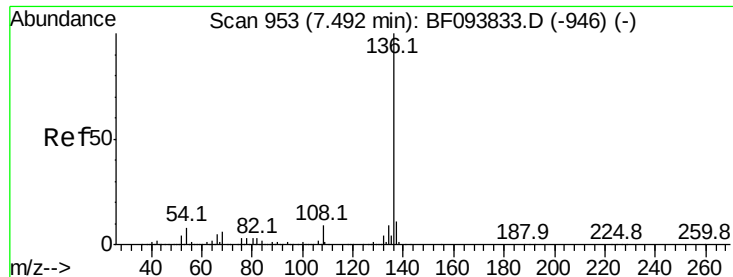
Delta R.T. -0.01 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Tgt Ion:	107	Resp:	384638
Ion	Ratio	Lower	Upper
107	100		
108	89.3	71.0	111.0
77	29.7	90.5	130.5#
79	25.4	8.4	48.4

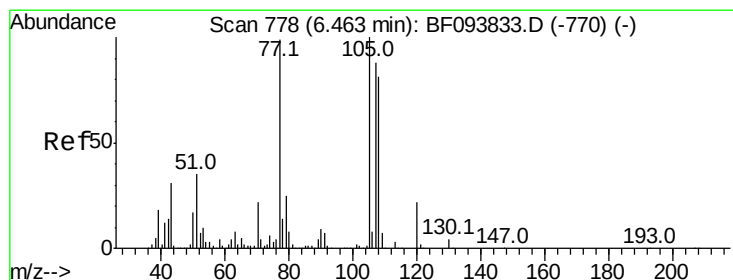
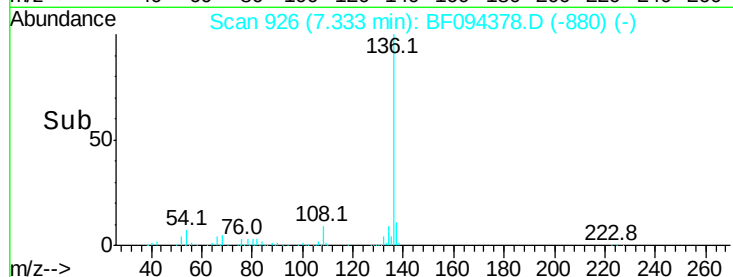
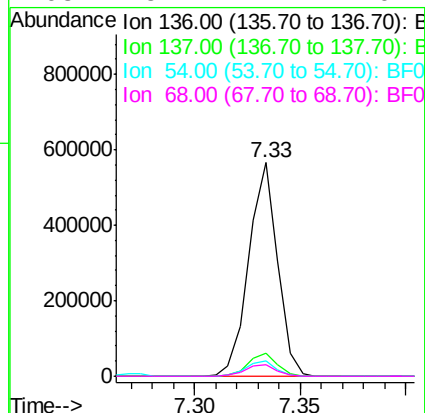
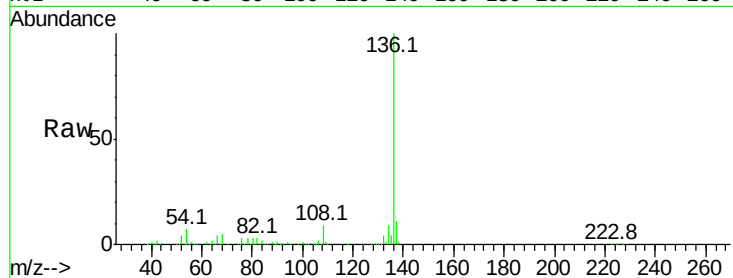




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.03 min
Lab File: BF094378.D
Acq: 12 Apr 2017 5:32

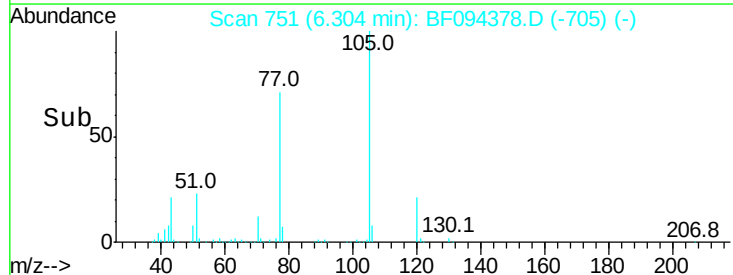
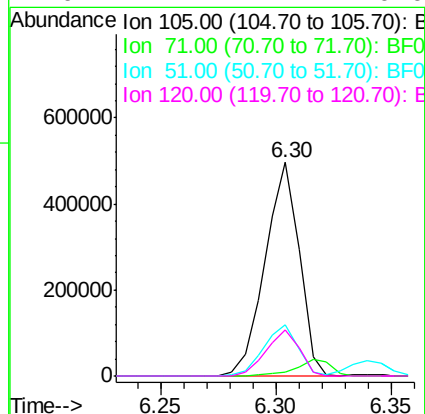
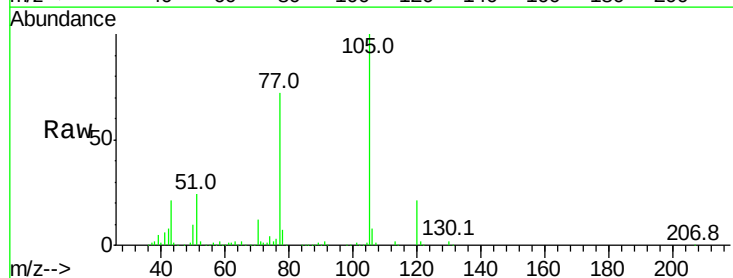
Instrument :
BNA_F
ClientSampleId :

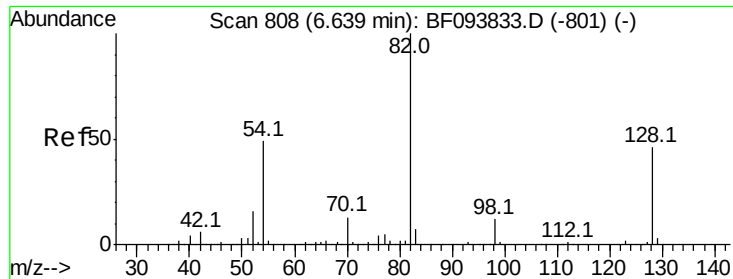
Tot Ion:136	Resp: 535567
Ion Ratio	Lower Upper
136 100	
137 10.9	8.5 12.7
54 7.2	4.9 7.3
68 5.4	4.1 6.1



#22
Acetophenone
Concen: 42.78 ng
RT: 6.30 min Scan# 751
Delta R.T. -0.03 min
Lab File: BF094378.D
Acq: 12 Apr 2017 5:32

Tgt Ion	Ion:105	Resp:	510605
	Ratio	Lower	Upper
105	100		
71	2.1	2.8	4.2#
51	24.2	30.7	46.1#
120	21.4	17.4	26.0

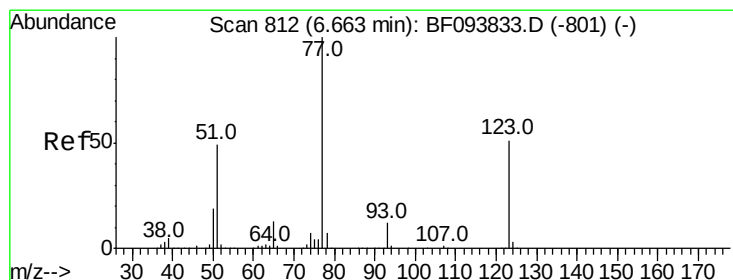
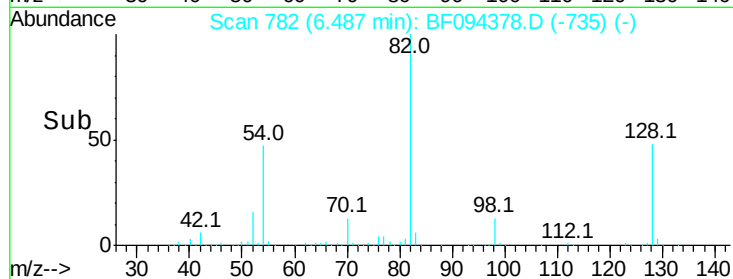
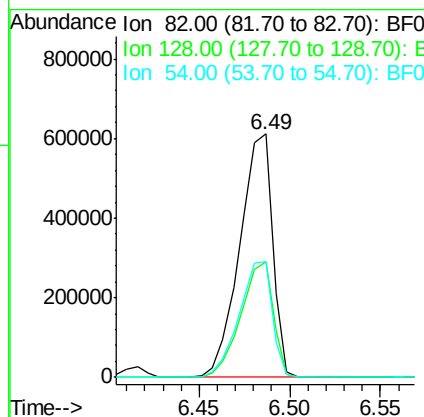
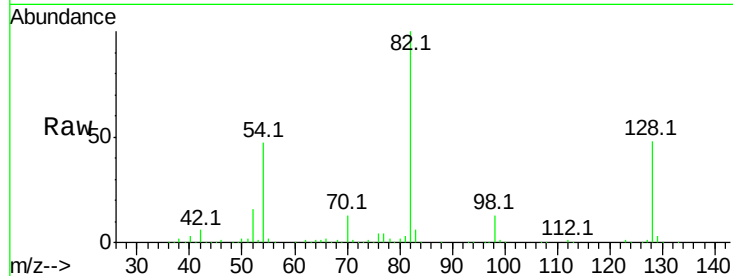




#23
 Nitrobenzene-d5
 Concen: 82.15 ng
 RT: 6.49 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

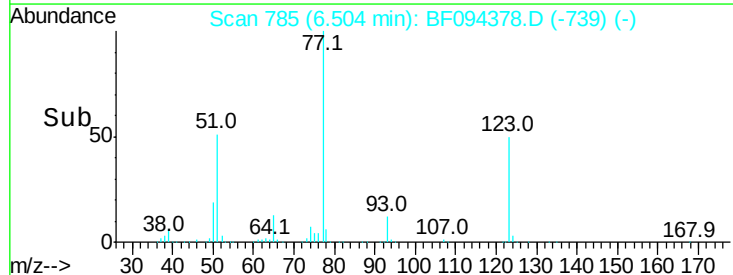
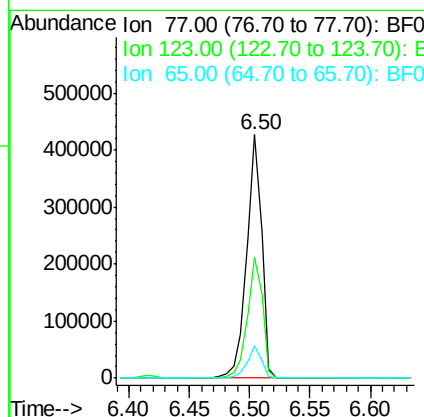
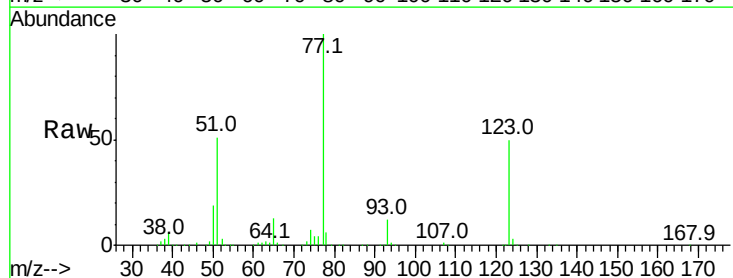
Instrument :
 BNA_F
 ClientSampleID :

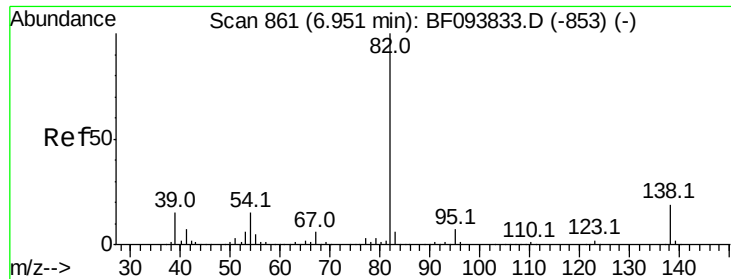
Tot Ion: 82 Resp: 770954
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 47.3 42.2 63.2



#24
 Nitrobenzene
 Concen: 40.34 ng
 RT: 6.50 min Scan# 785
 Delta R.T. -0.03 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

Tgt Ion: 77 Resp: 373404
 Ion Ratio Lower Upper
 77 100
 123 49.6 35.8 53.8
 65 13.3 10.6 15.8





#25

Isophorone

Concen: 35.47 ng

RT: 6.79 min Scan# 833

Delta R.T. -0.04 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

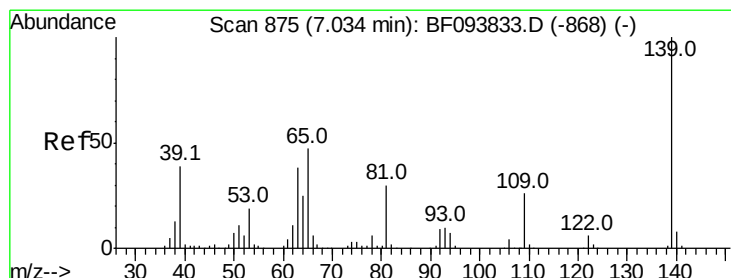
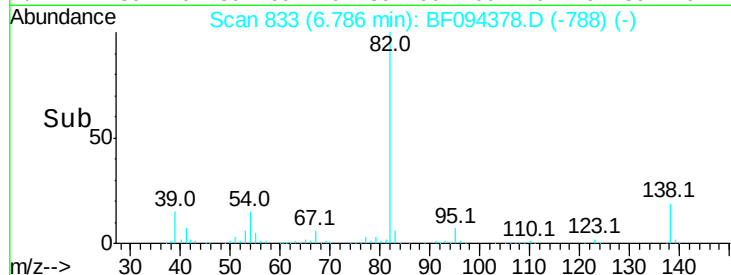
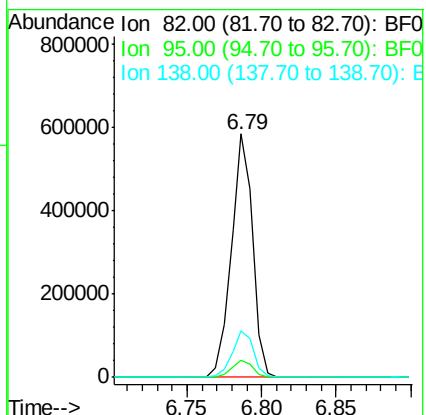
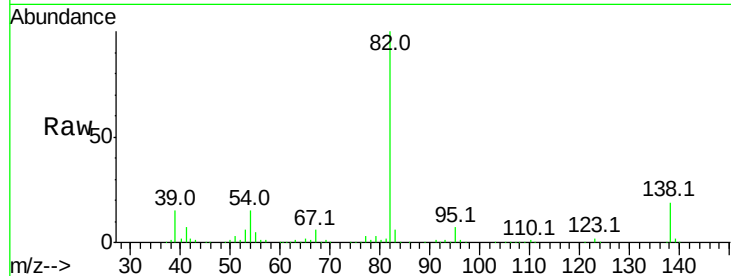
Tot Ion: 82 Resp: 584876

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 14.97 ng

RT: 6.87 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

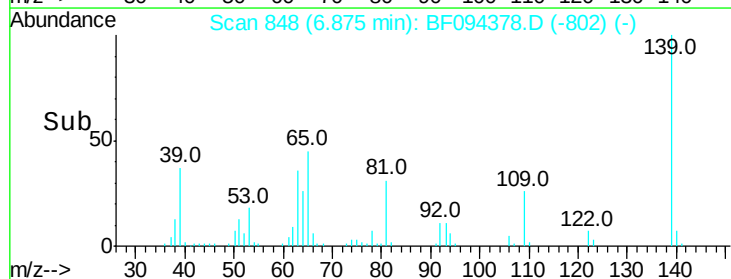
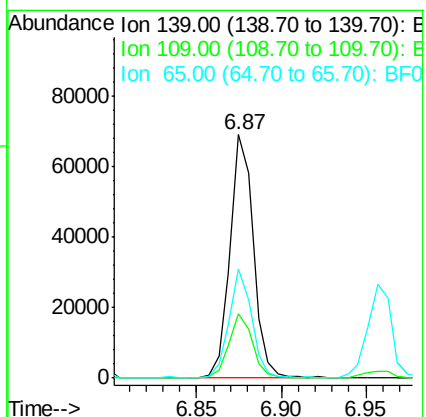
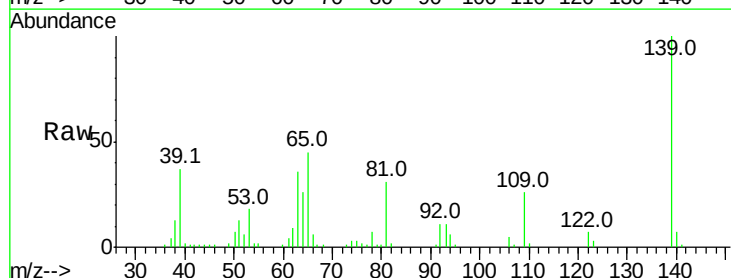
Tgt Ion:139 Resp: 66076

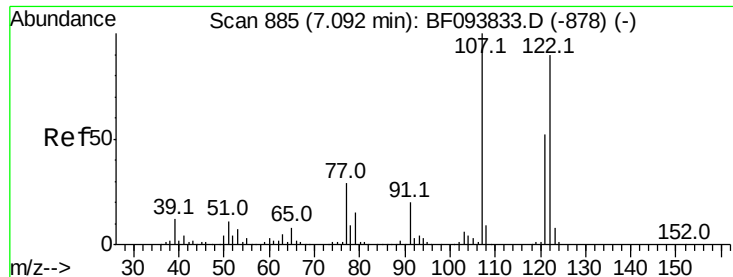
Ion Ratio Lower Upper

139 100

109 26.5 21.0 31.6

65 44.9 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 39.42 ng

RT: 6.96 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

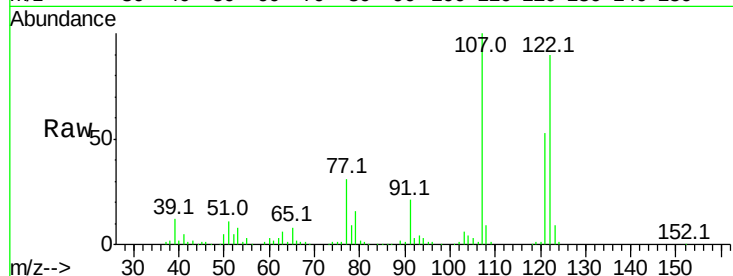
Tot Ion:122 Resp: 299816

Ion Ratio Lower Upper

122 100

107 111.2 89.2 133.8

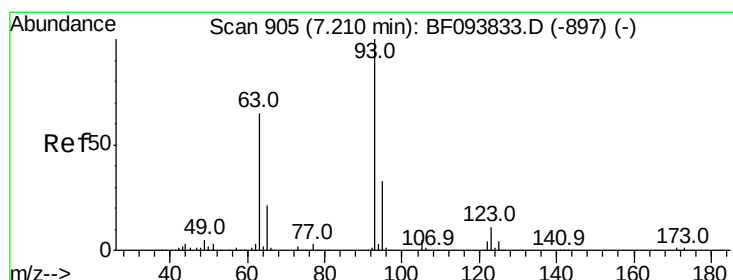
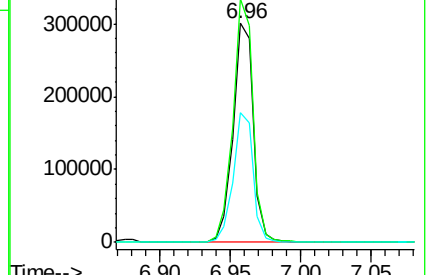
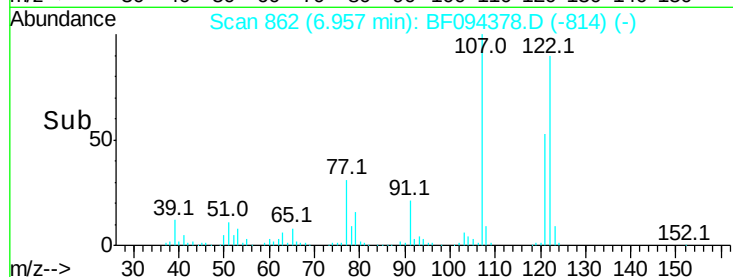
121 58.9 45.2 67.8



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: 39.71 ng

RT: 7.05 min Scan# 878

Delta R.T. -0.03 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

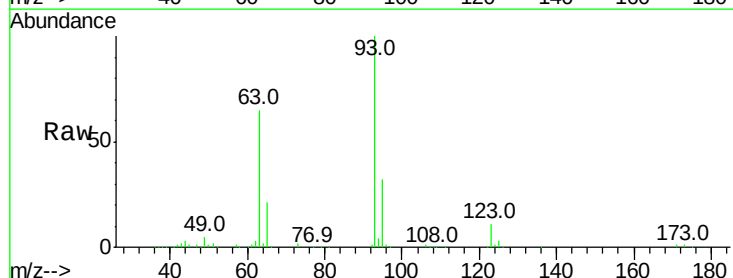
Tgt Ion: 93 Resp: 431838

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

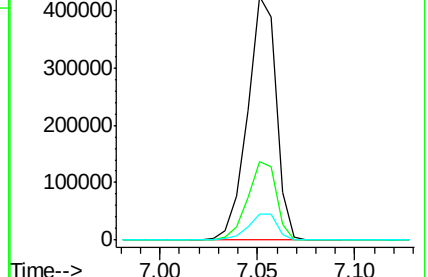
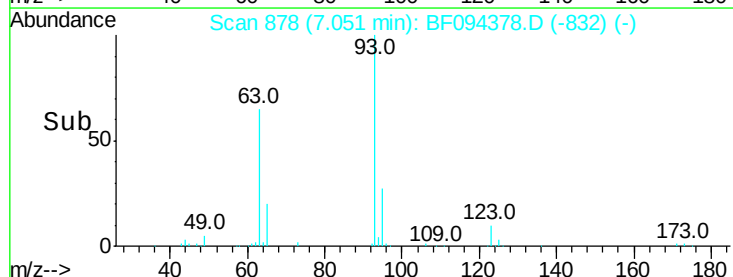
123 10.9 9.0 13.4

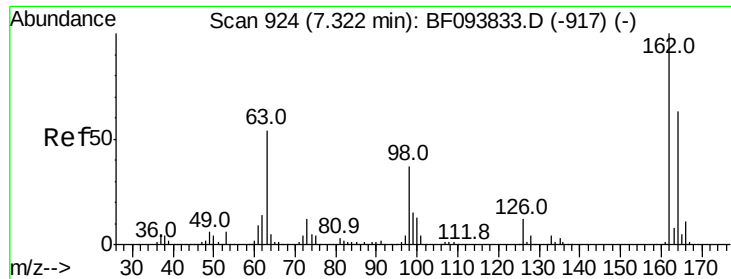


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

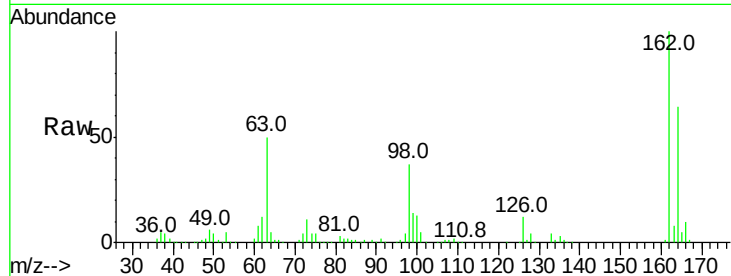




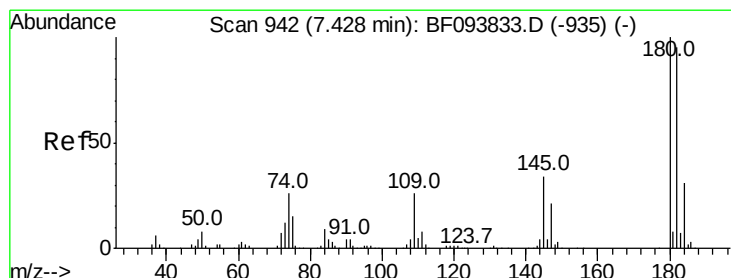
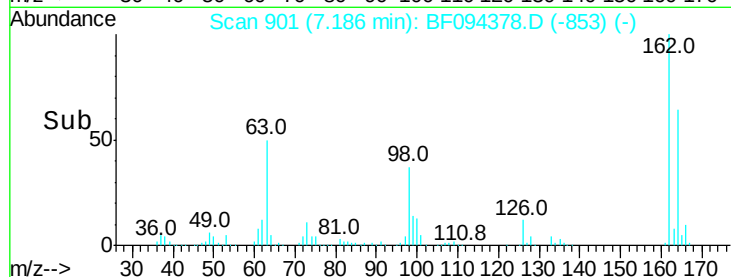
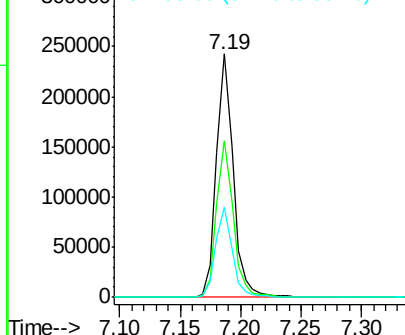
#29
 2,4-Dichlorophenol
 Concen: 32.82 ng
 RT: 7.19 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	44.6	84.6
98	36.9	14.8	54.8

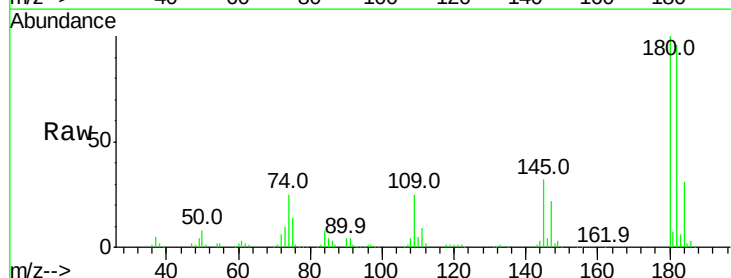


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

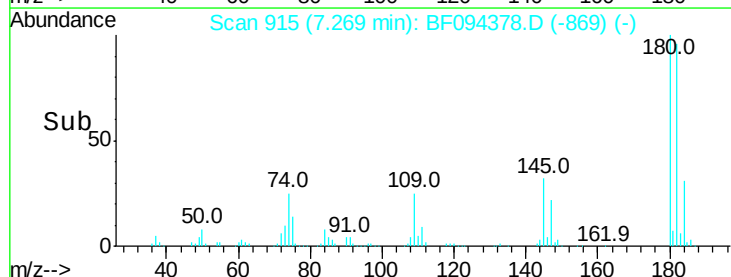
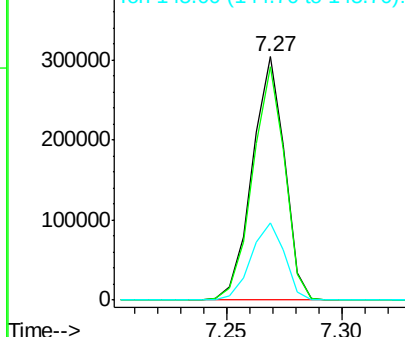


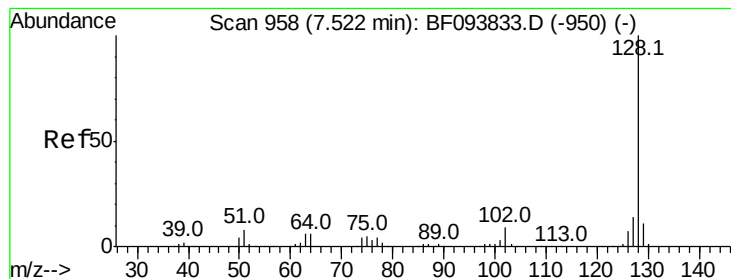
#30
 1,2,4-Trichlorobenzene
 Concen: 40.56 ng
 RT: 7.27 min Scan# 915
 Delta R.T. -0.03 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	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: 39.71 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

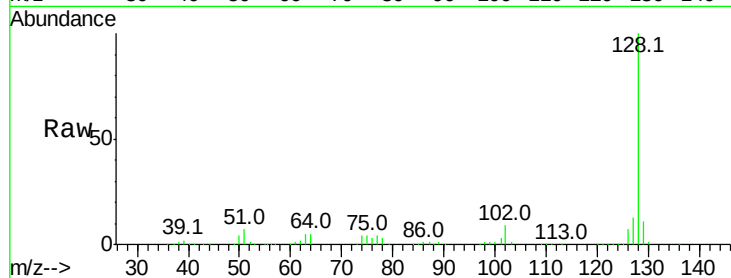
Tot Ion:128 Resp: 1022621

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

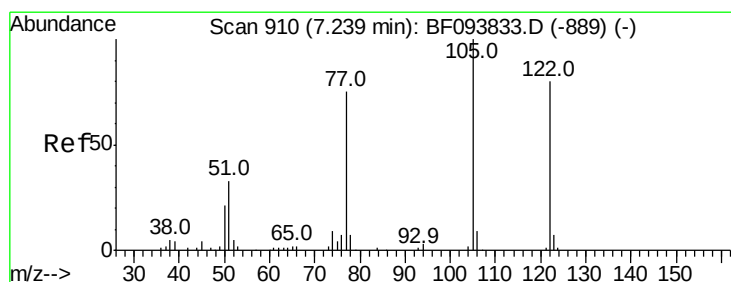
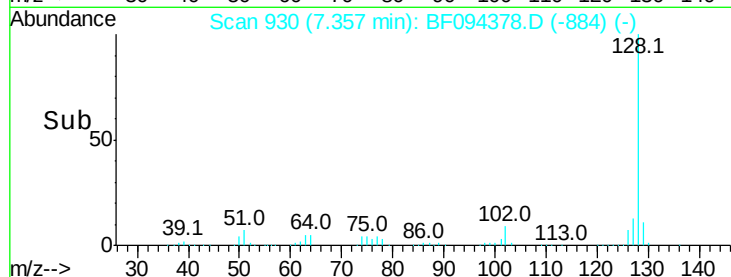
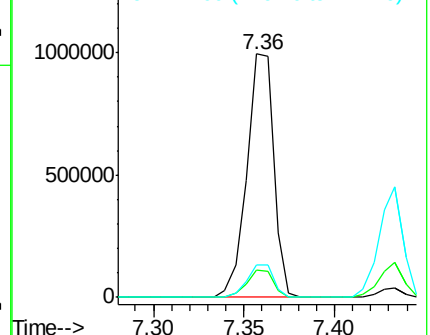
127 13.3 10.8 16.2



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: 59.22 ng

RT: 6.96 min Scan# 862

Delta R.T. -0.19 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

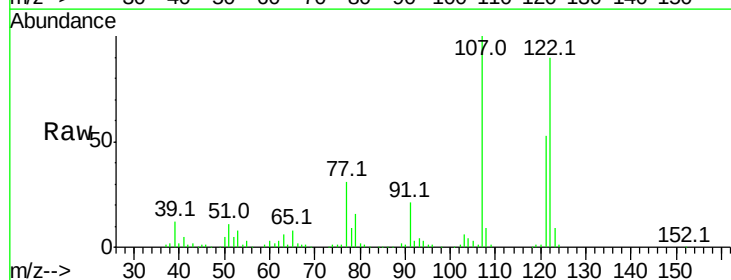
Tgt Ion:122 Resp: 299816

Ion Ratio Lower Upper

122 100

105 3.7 103.3 143.3#

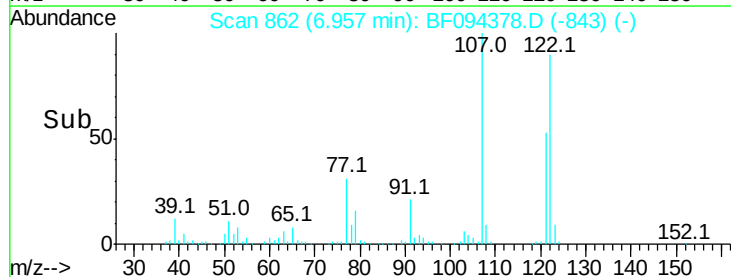
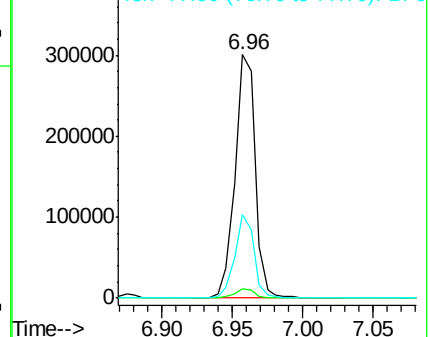
77 34.5 73.7 113.7#

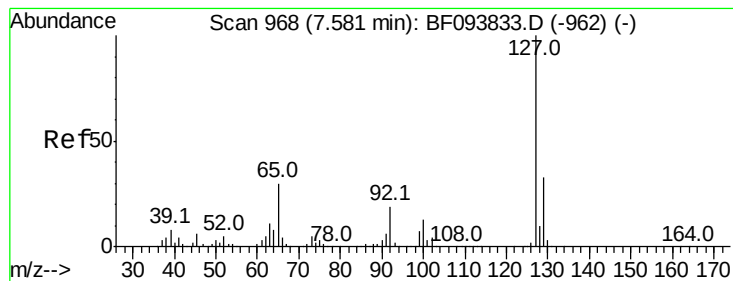


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 39.65 ng

RT: 7.43 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF094378.D

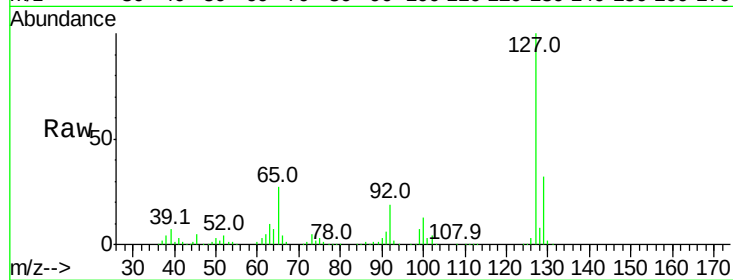
Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	413875
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	27.4	27.8	41.8#
92	18.7	16.8	25.2

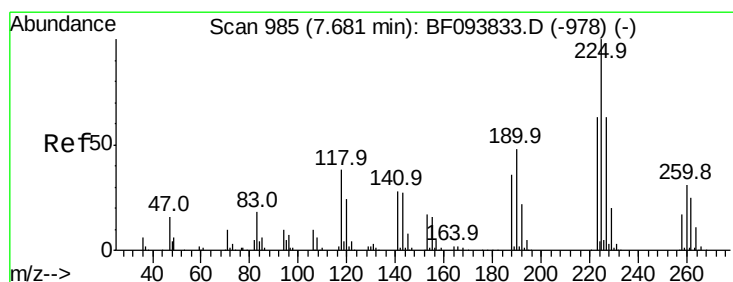
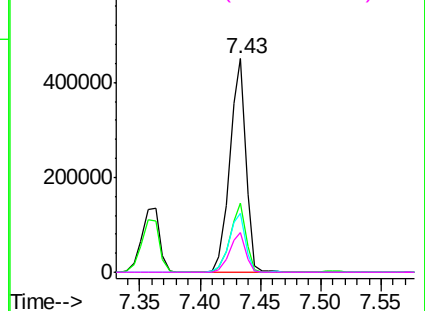
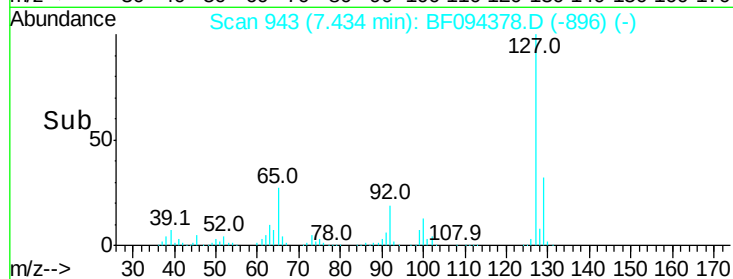


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.96 ng

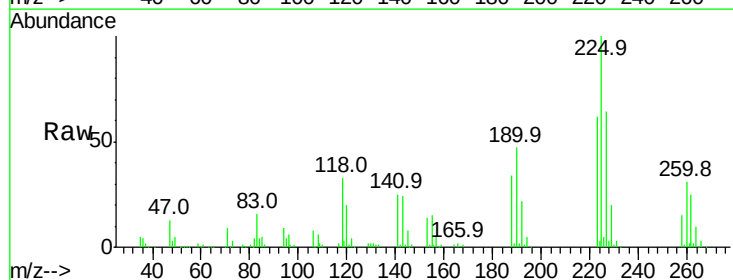
RT: 7.52 min Scan# 957

Delta R.T. -0.03 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

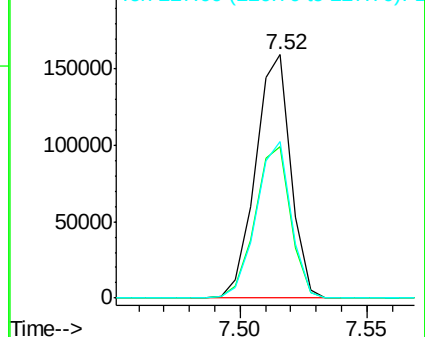
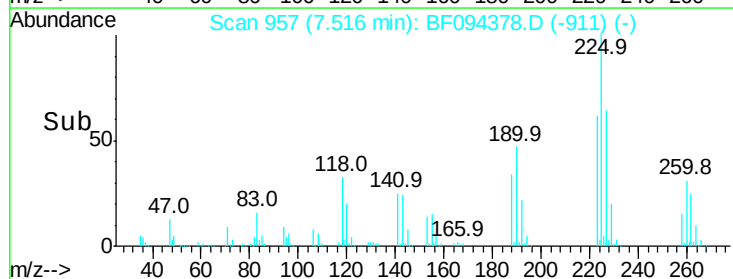
Tgt Ion:	225	Resp:	153840
Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.8	73.2
227	64.2	51.1	76.7

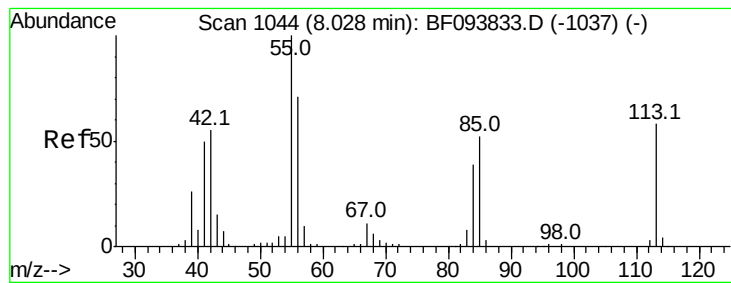


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.98 ng

RT: 7.85 min Scan# 1014

Delta R.T. -0.06 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

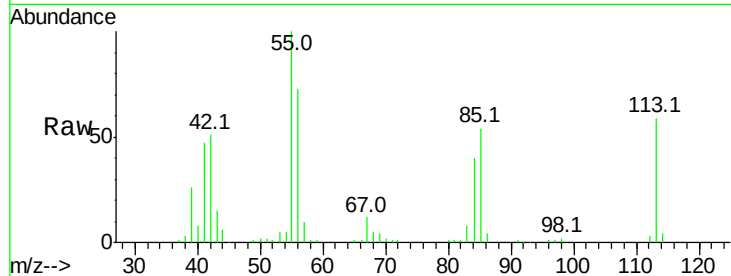
Tot Ion:113 Resp: 63455

Ion Ratio Lower Upper

113 100

55 168.7 150.2 190.2

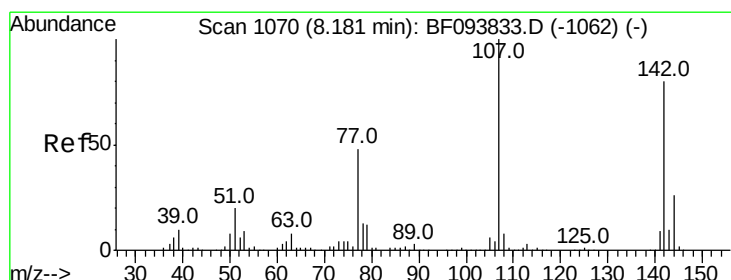
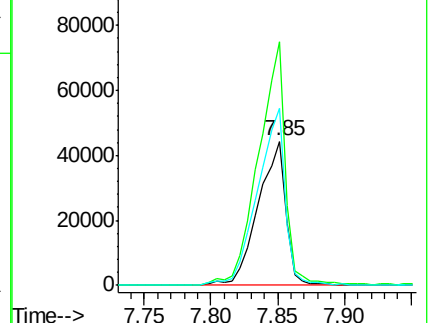
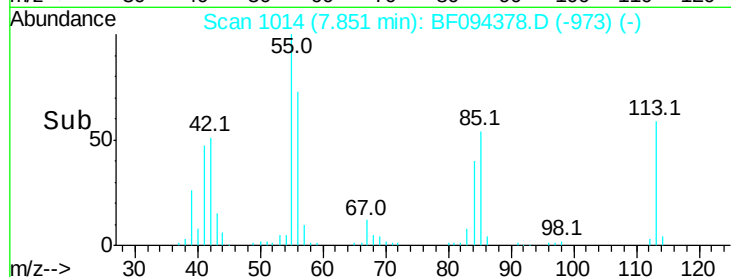
56 122.4 107.8 147.8



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: 34.76 ng

RT: 8.06 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

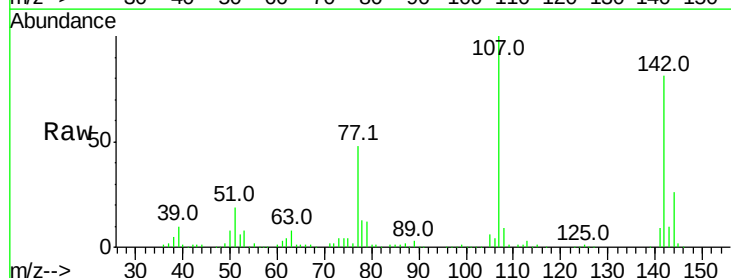
Tgt Ion:107 Resp: 258301

Ion Ratio Lower Upper

107 100

144 26.1 24.2 36.4

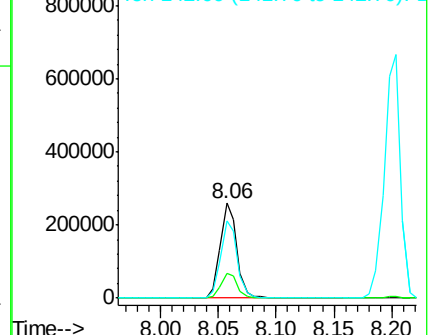
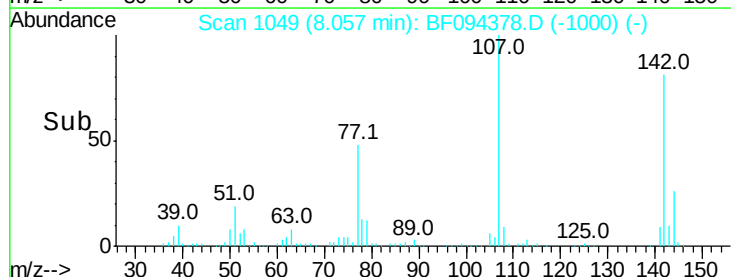
142 81.4 73.4 110.0

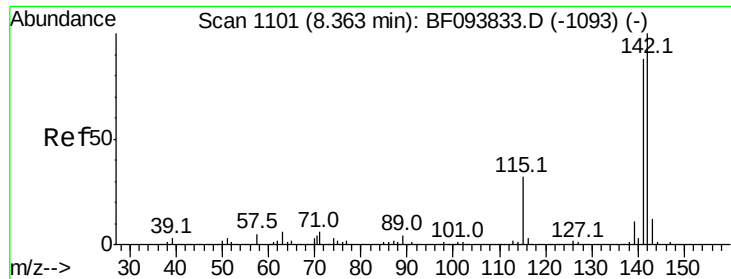


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

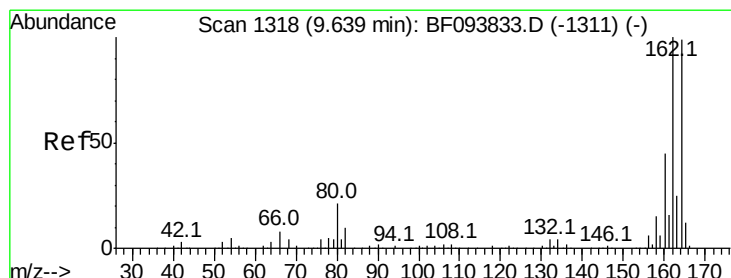
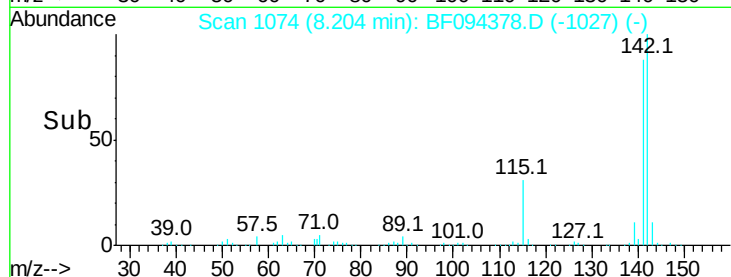
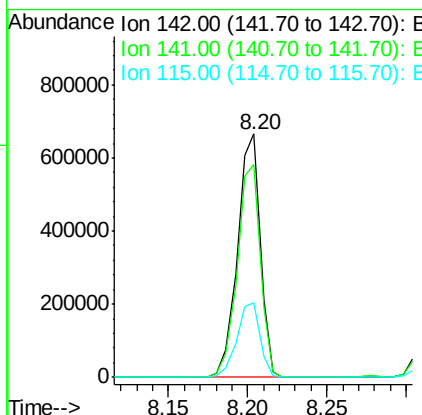
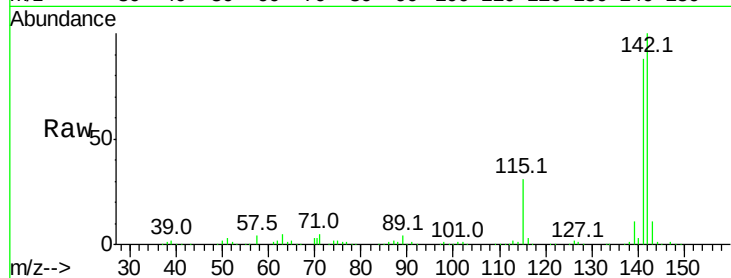




#37
 2-Methylnaphthalene
 Concen: 38.58 ng
 RT: 8.20 min Scan# 1074
 Delta R.T. -0.02 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

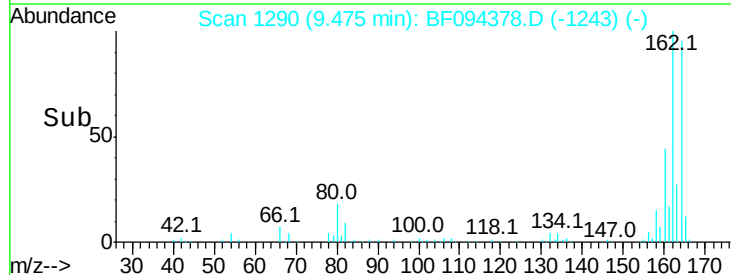
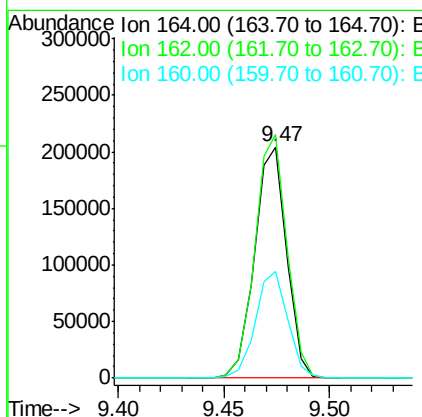
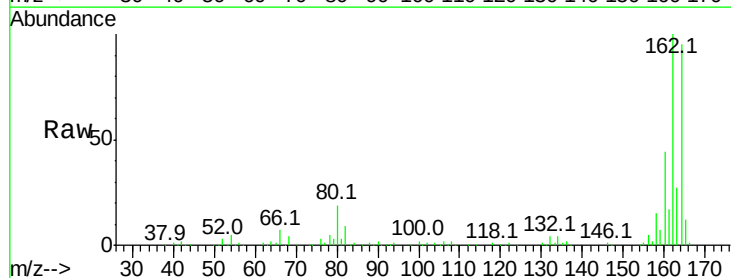
Instrument :
 BNA_F
 ClientSampleId :

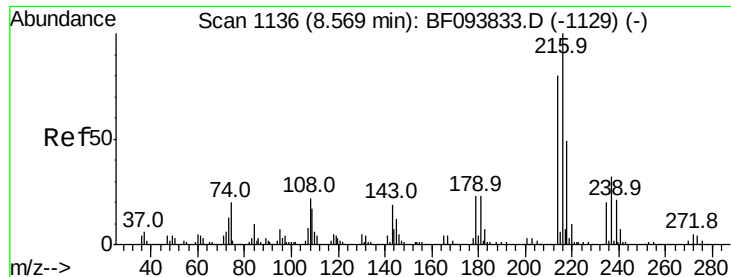
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.3	106.9
115	30.8	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.6	123.8
160	46.3	36.2	54.2

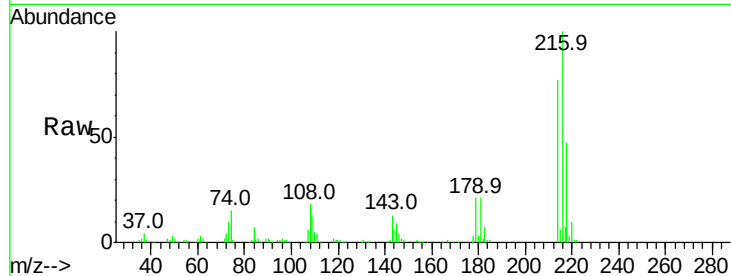




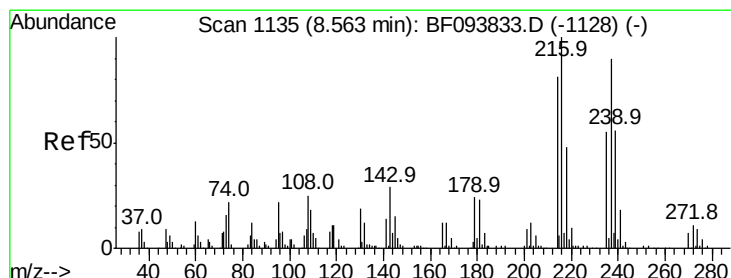
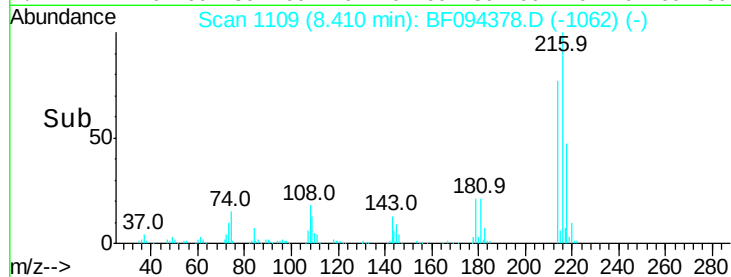
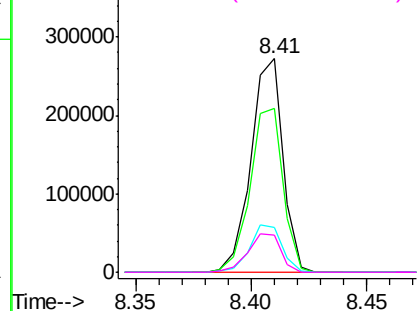
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.74 ng
 RT: 8.41 min Scan# 1109
 Delta R.T. -0.02 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	264140
Ion Ratio		Lower	Upper
216	100		
214	79.1	63.4	95.2
179	22.5	17.9	26.9
108	18.8	16.5	24.7

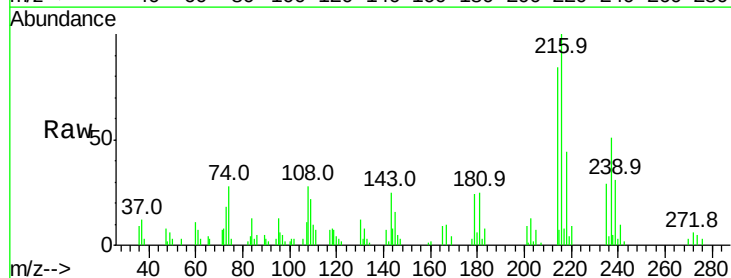


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

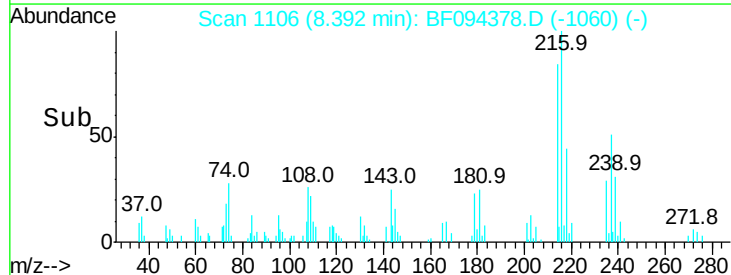
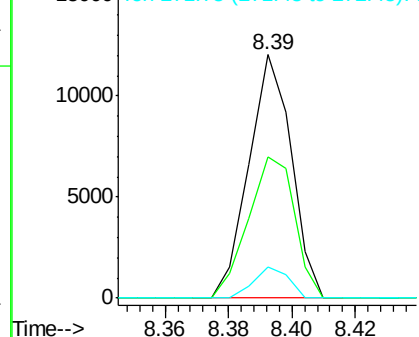


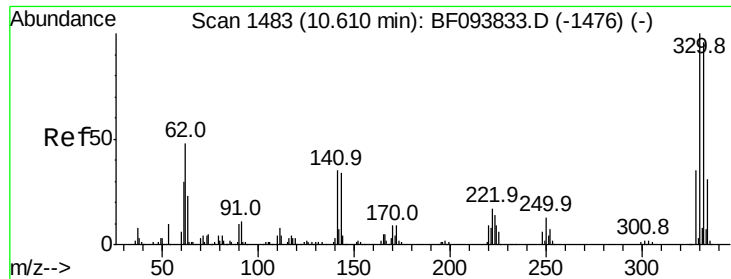
#40
 Hexachlorocyclopentadiene
 Concen: 4.05 ng
 RT: 8.39 min Scan# 1106
 Delta R.T. -0.03 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

Tgt Ion:	237	Resp:	11202
Ion Ratio		Lower	Upper
237	100		
235	58.0	42.6	82.6
272	12.8	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

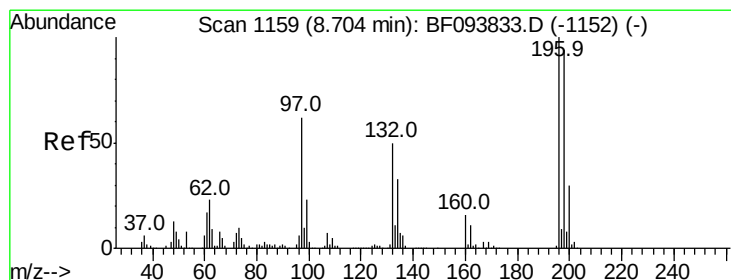
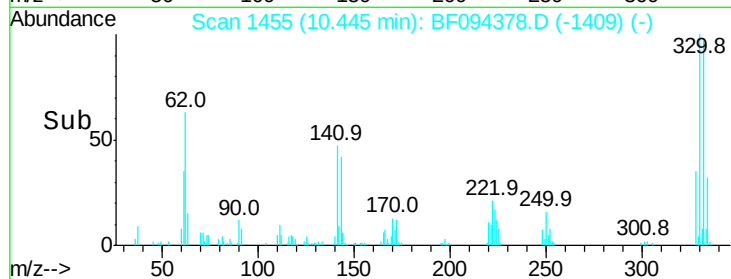
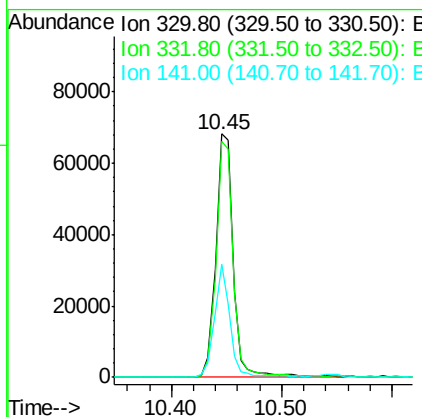
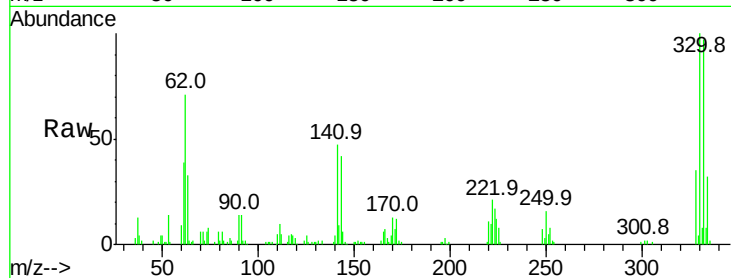




#41
 2,4,6-Tribromophenol
 Concen: 43.75 ng
 RT: 10.45 min Scan# 1455
 Delta R.T. -0.03 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

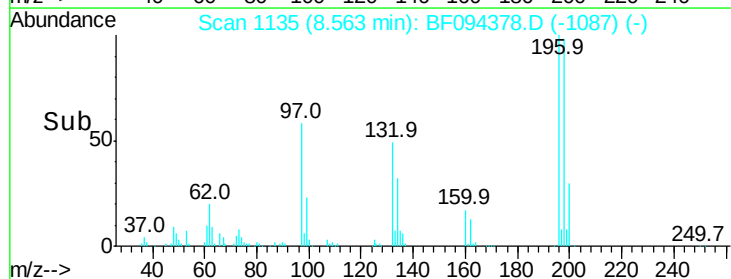
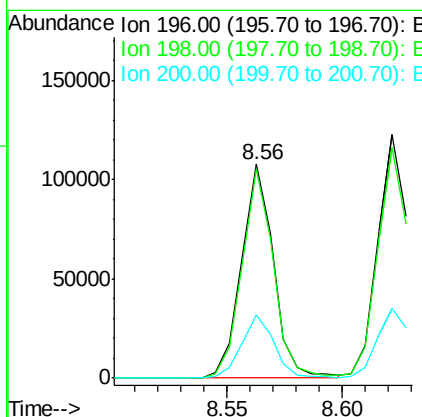
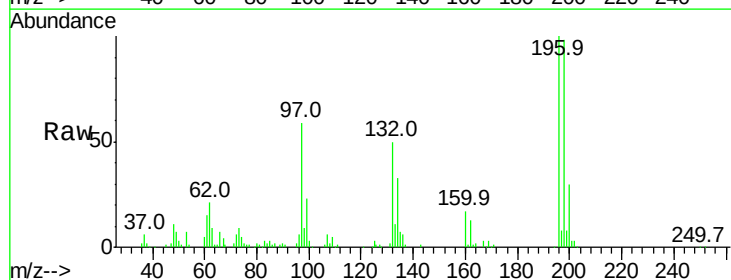
Instrument :
 BNA_F
 ClientSampleId :

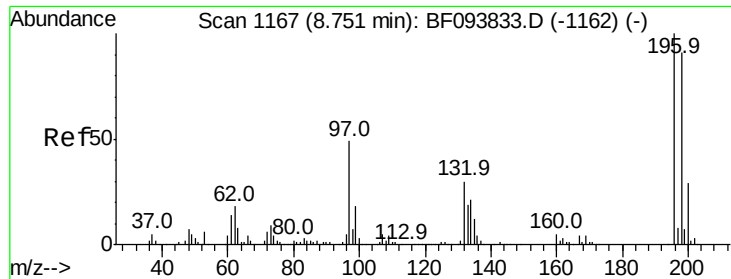
Tot Ion:330 Resp: 74609
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 41.1 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 25.15 ng
 RT: 8.56 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

Tgt Ion:196 Resp: 105035
 Ion Ratio Lower Upper
 196 100
 198 97.6 74.2 111.4
 200 29.5 24.0 36.0

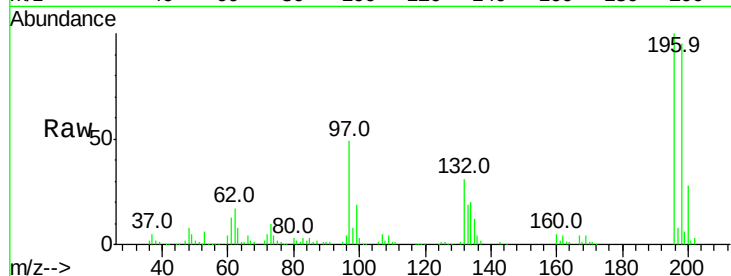




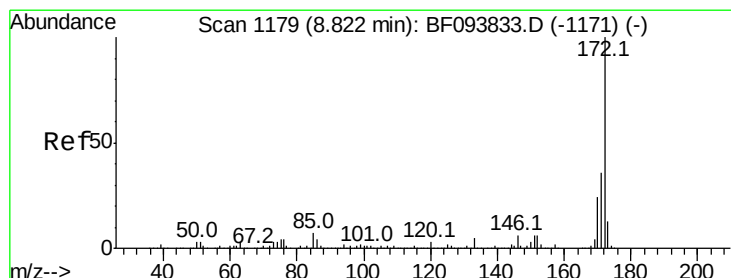
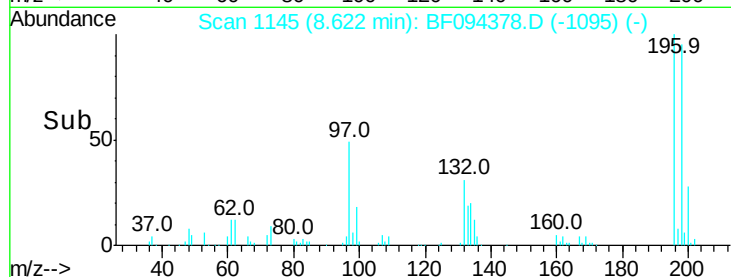
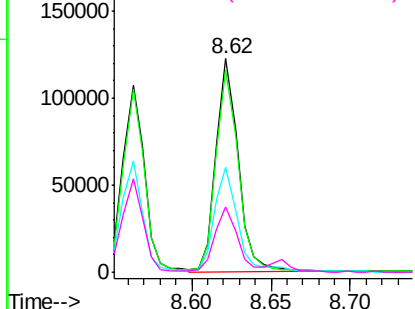
#43
 2,4,5-Trichlorophenol
 Concen: 26.45 ng
 RT: 8.62 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 119534
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.7 113.5
 97 49.0 47.7 71.5
 132 30.5 28.0 42.0

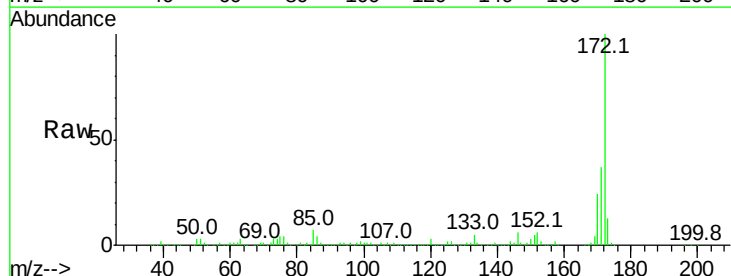


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

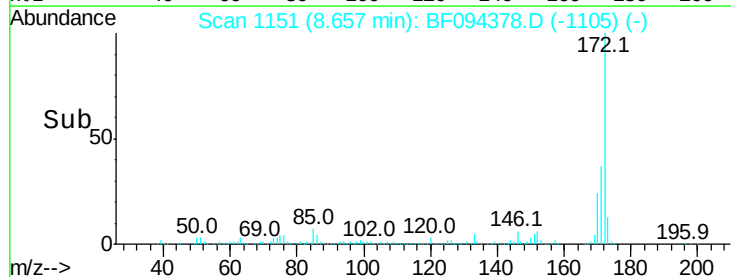
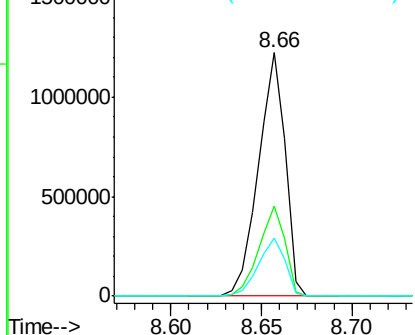


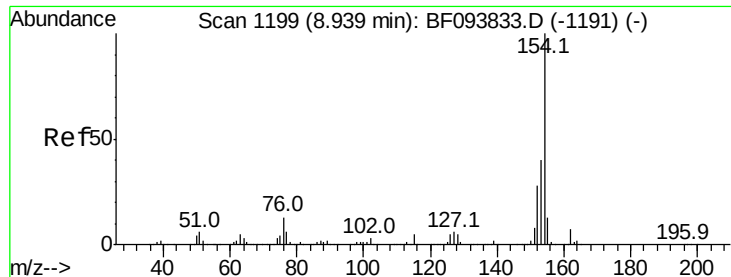
#44
 2-Fluorobiphenyl
 Concen: 88.61 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

Tgt Ion:172 Resp: 1253645
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

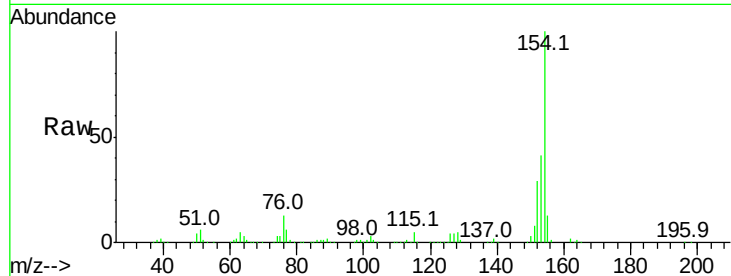




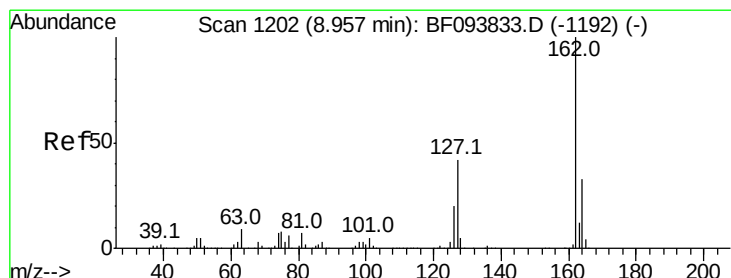
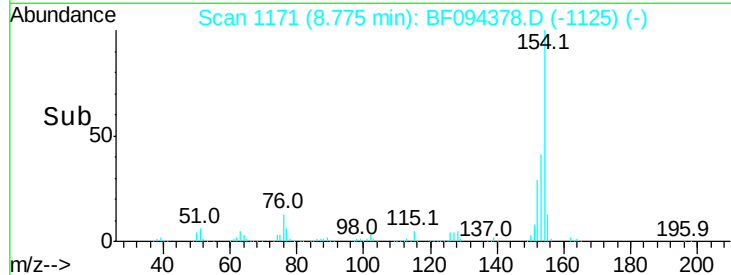
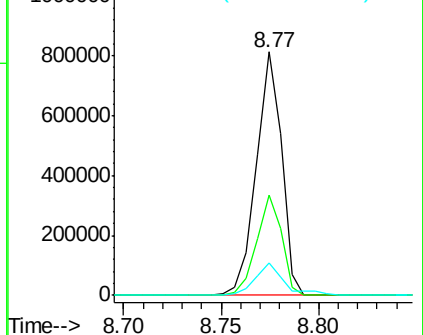
#45
 1,1'-Biphenyl
 Concen: 42.07 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.2	61.2
76	13.3	0.0	29.9

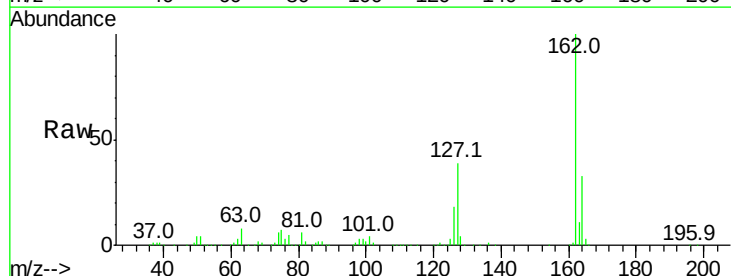


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

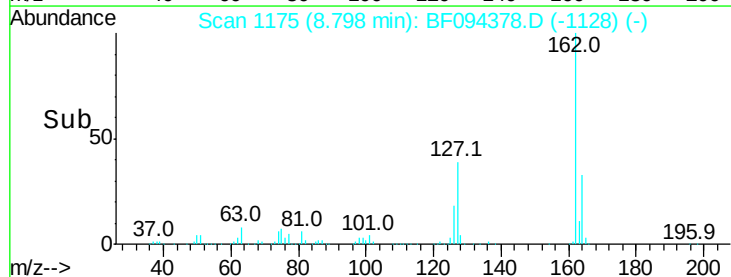
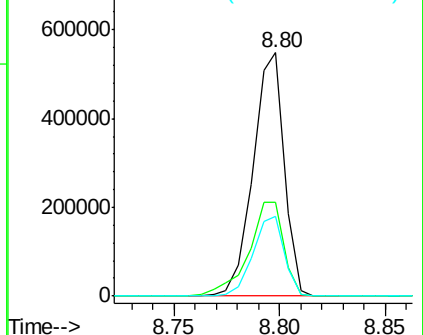


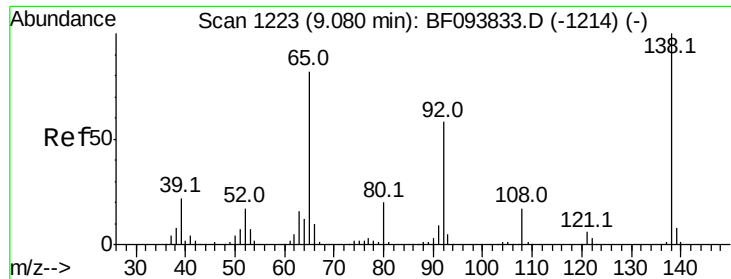
#46
 2-Chloronaphthalene
 Concen: 41.28 ng
 RT: 8.80 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	28.3	42.5
164	32.7	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

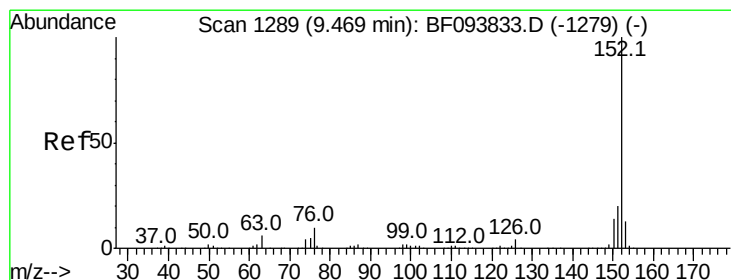
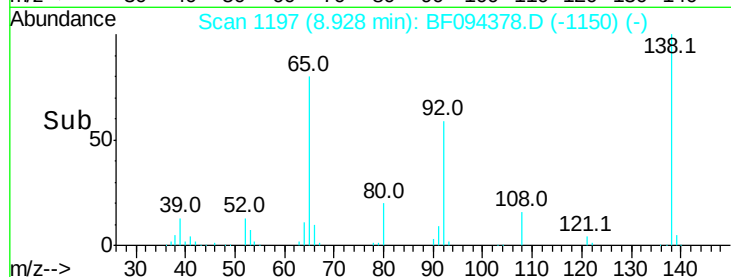
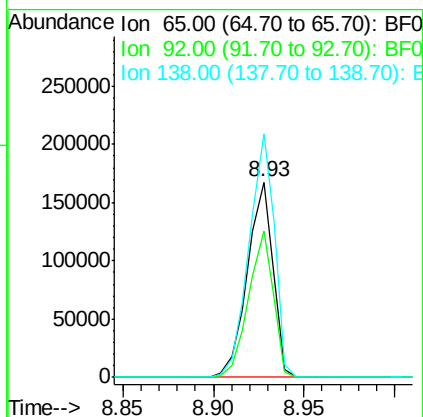
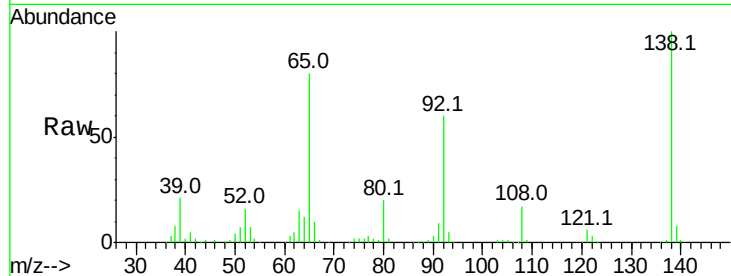




#47
2-Nitroaniline
Concen: 40.74 ng
RT: 8.93 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF094378.D
Acq: 12 Apr 2017 5:32

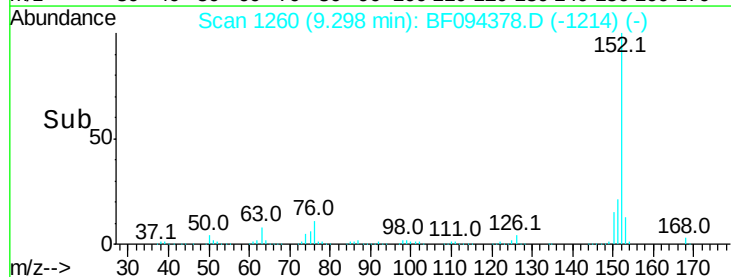
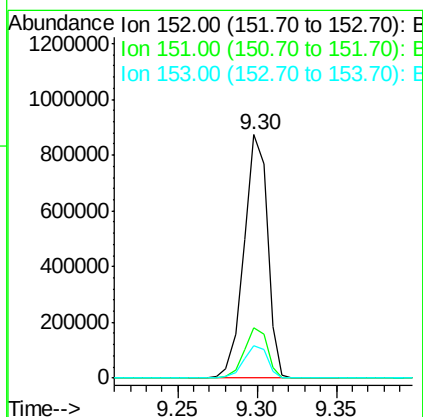
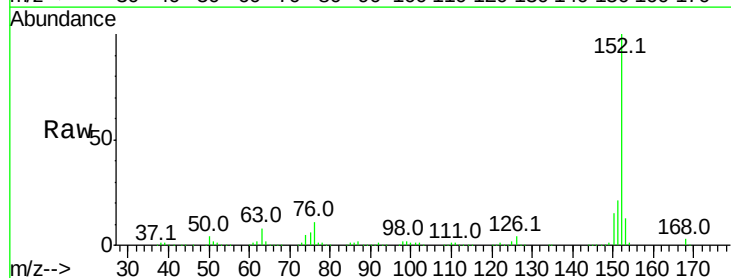
Instrument :
BNA_F
ClientSampleId :

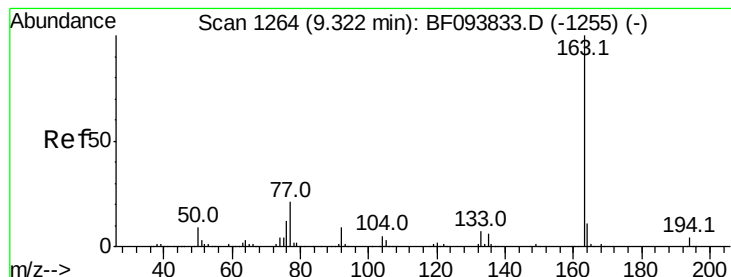
Tot Ion: 65 Resp: 164657
Ion Ratio Lower Upper
65 100
92 75.0 53.9 80.9
138 124.5 78.8 118.2#



#48
Acenaphthylene
Concen: 39.46 ng
RT: 9.30 min Scan# 1260
Delta R.T. -0.03 min
Lab File: BF094378.D
Acq: 12 Apr 2017 5:32

Tgt Ion:152 Resp: 893610
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 42.70 ng

RT: 9.16 min Scan# 1237

Delta R.T. -0.03 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

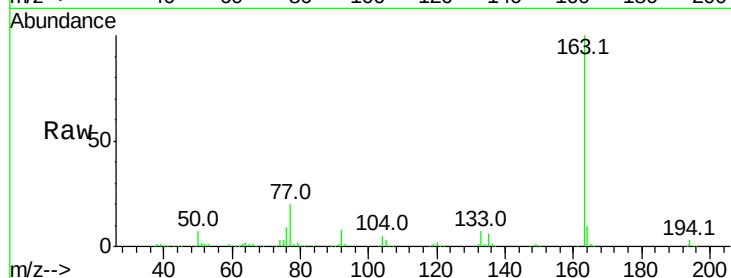
Tot Ion:163 Resp: 655055

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

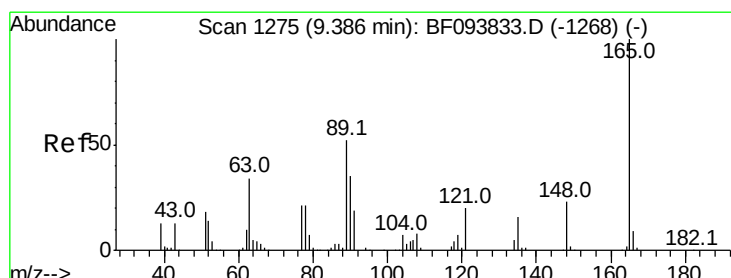
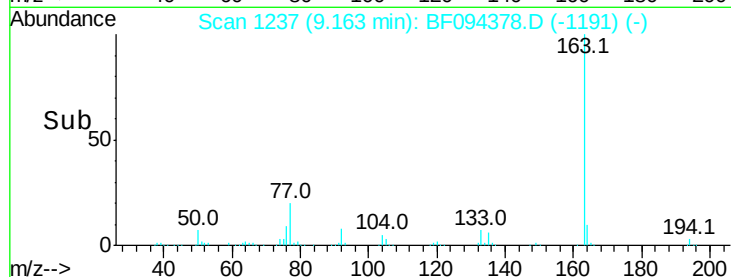
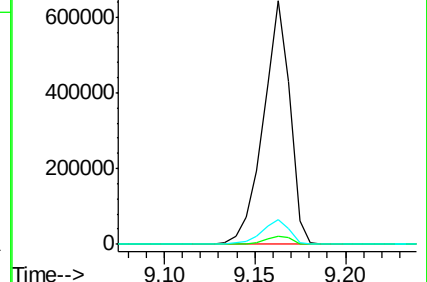
164 10.1 8.4 12.6



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: 39.90 ng

RT: 9.23 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

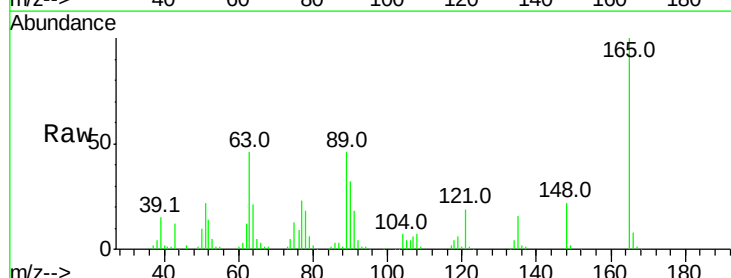
Tgt Ion:165 Resp: 140297

Ion Ratio Lower Upper

165 100

63 46.2 34.3 51.5

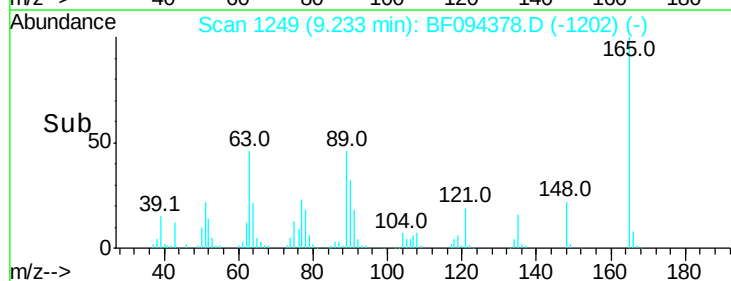
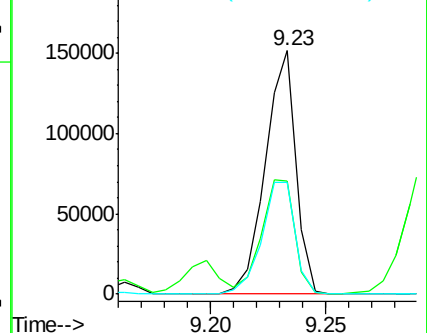
89 45.8 37.1 55.7

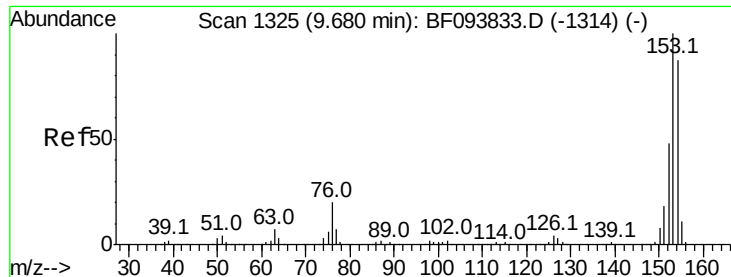


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.07 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

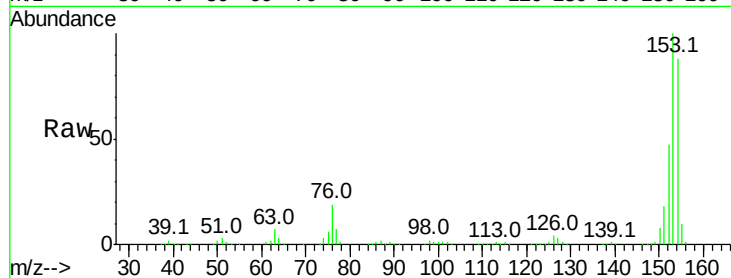
Tot Ion:154 Resp: 516311

Ion Ratio Lower Upper

154 100

153 113.1 90.5 135.7

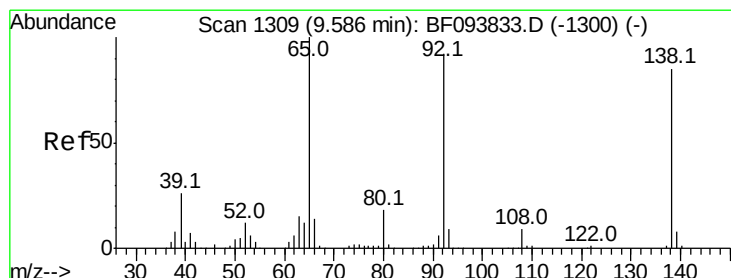
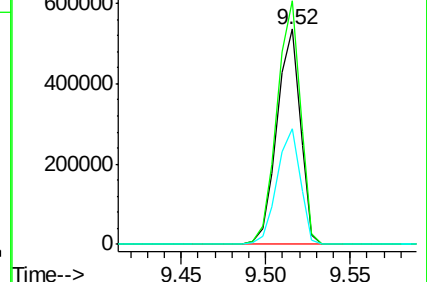
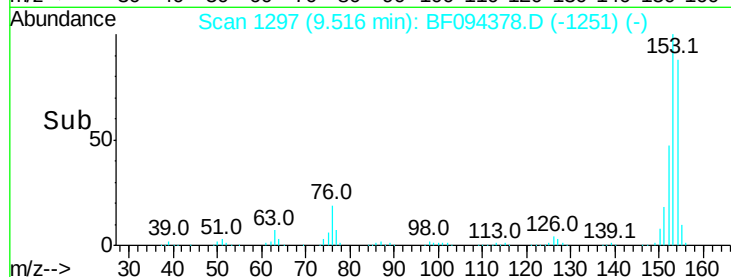
152 53.5 43.6 65.4



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: 42.55 ng

RT: 9.44 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

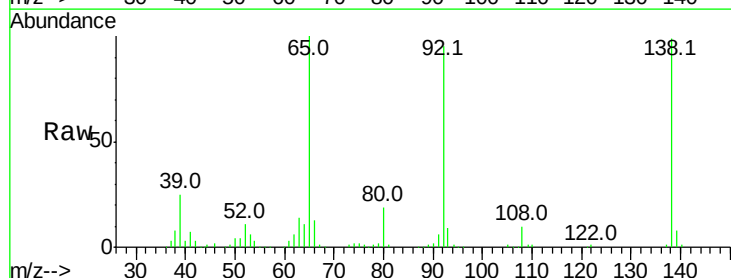
Tgt Ion:138 Resp: 175682

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

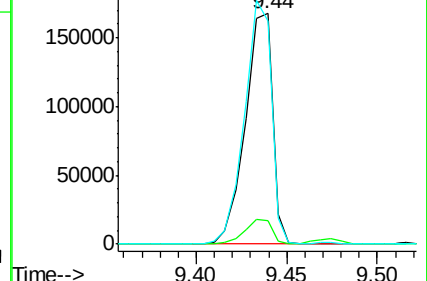
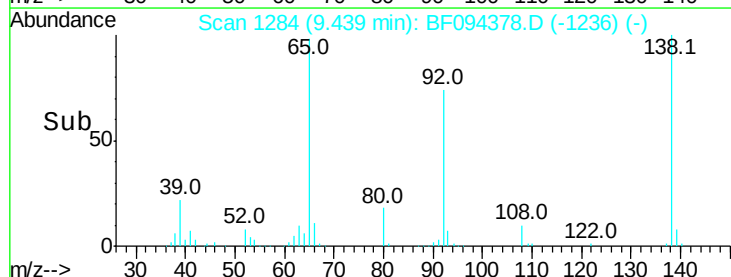
92 96.6 93.8 140.6

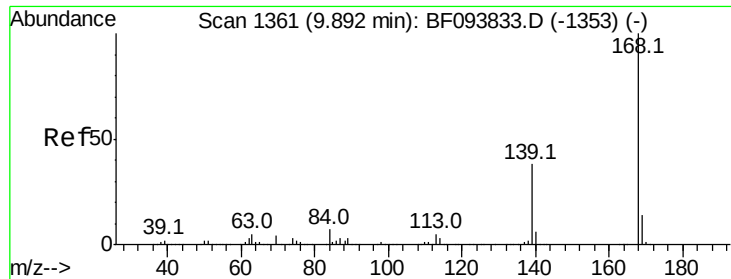


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

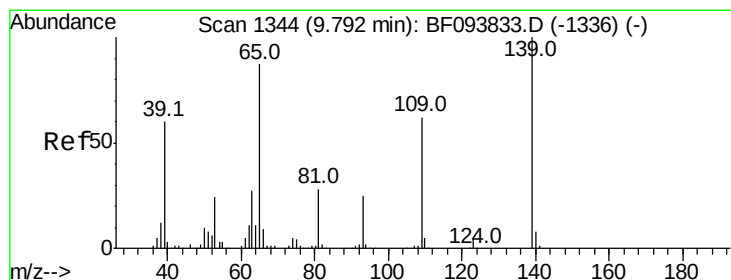
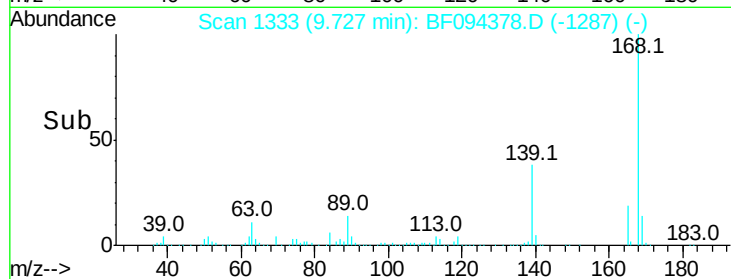
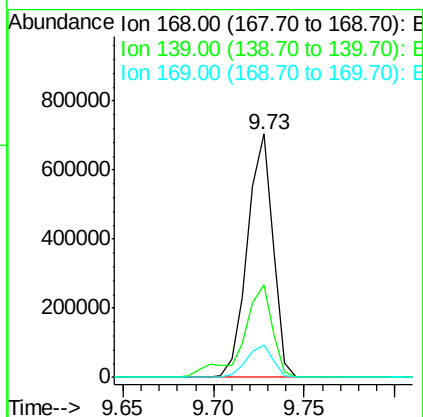
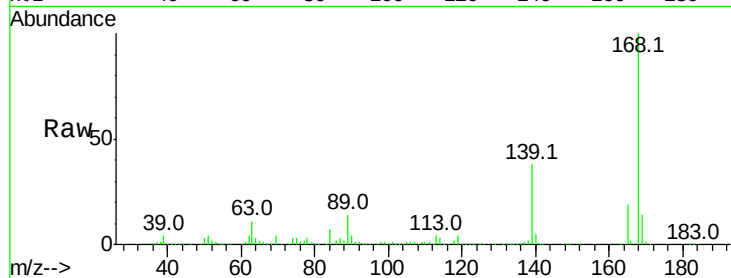




#54
Dibenzofuran
Concen: 38.31 ng
RT: 9.73 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BF094378.D
Acq: 12 Apr 2017 5:32

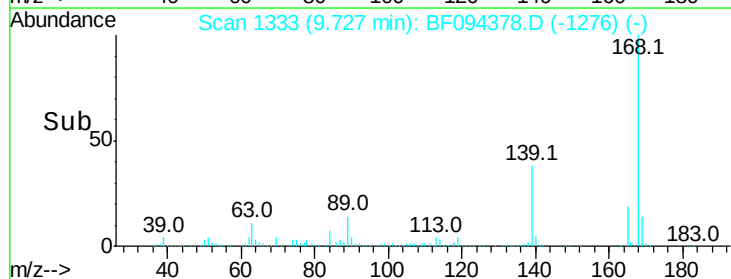
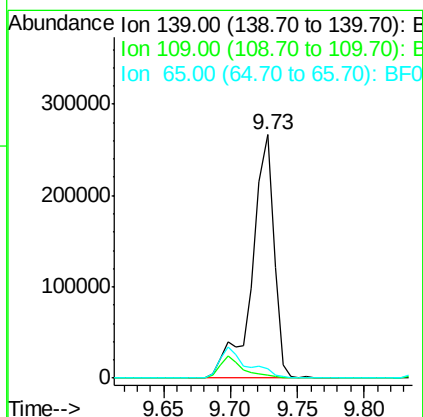
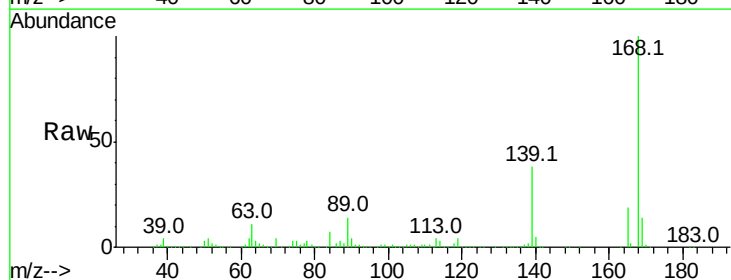
Instrument :
BNA_F
ClientSampleId :

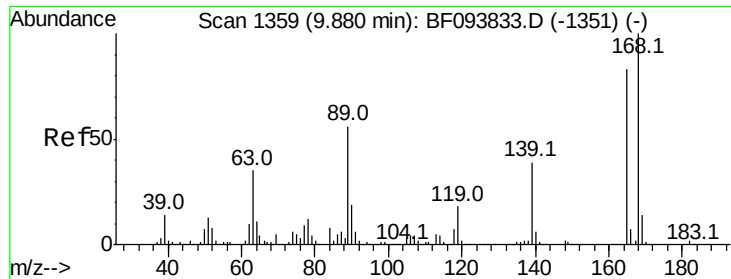
Tot Ion:168 Resp: 689165
Ion Ratio Lower Upper
168 100
139 37.9 30.6 45.8
169 13.6 10.8 16.2



#55
4-Nitrophenol
Concen: 93.61 ng
RT: 9.73 min Scan# 1333
Delta R.T. 0.04 min
Lab File: BF094378.D
Acq: 12 Apr 2017 5:32

Tgt Ion:139 Resp: 302725
Ion Ratio Lower Upper
139 100
109 1.5 34.1 74.1#
65 4.0 31.4 71.4#





#56

2,4-Dinitrotoluene

Concen: 35.45 ng

RT: 9.72 min Scan# 1332

Delta R.T. -0.03 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 156578

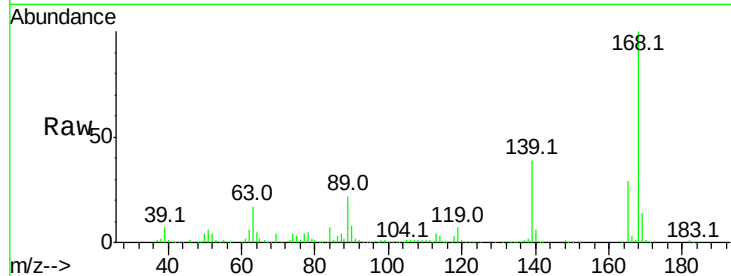
Ion Ratio Lower Upper

165 100

63 59.4 25.4 38.0#

89 77.7 46.4 69.6#

182 2.3 1.8 2.6

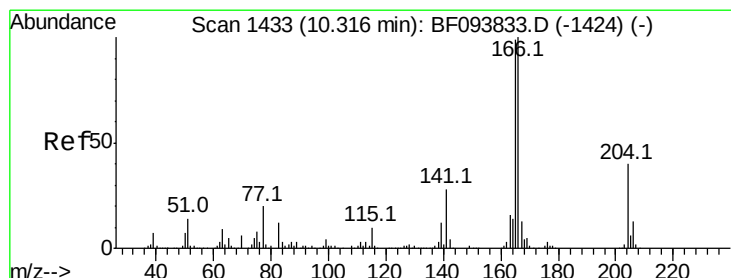
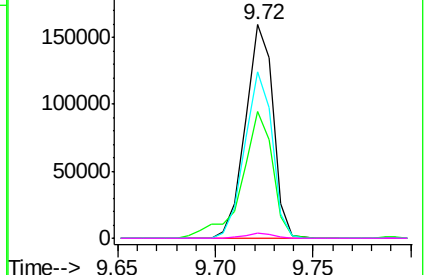
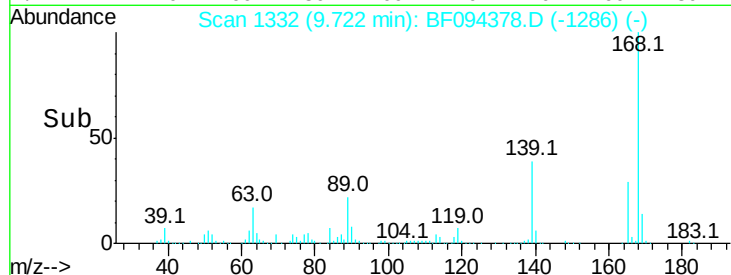


Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.34 ng

RT: 10.15 min Scan# 1404

Delta R.T. -0.03 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

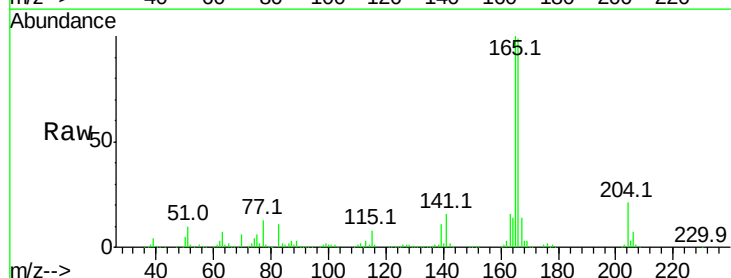
Tgt Ion:166 Resp: 571845

Ion Ratio Lower Upper

166 100

165 100.5 78.8 118.2

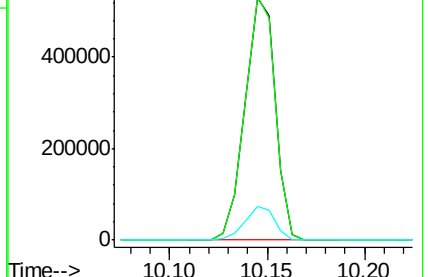
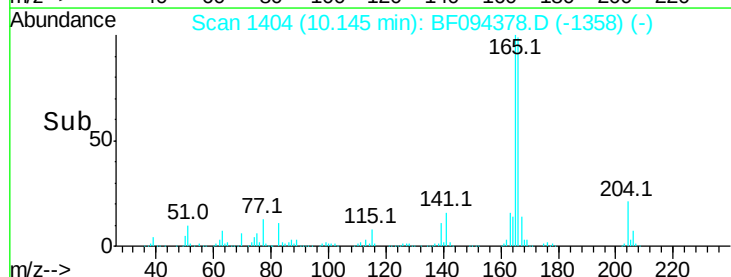
167 13.9 10.6 16.0

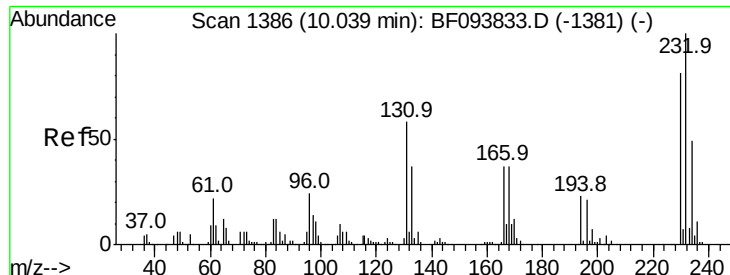


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

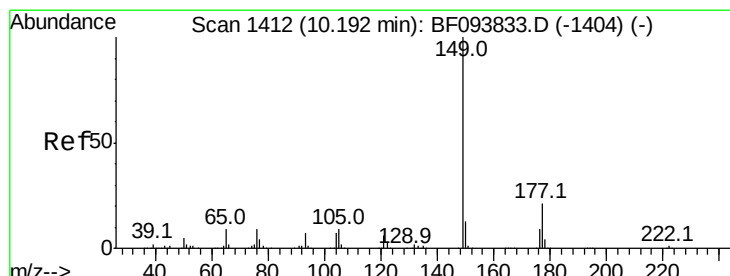
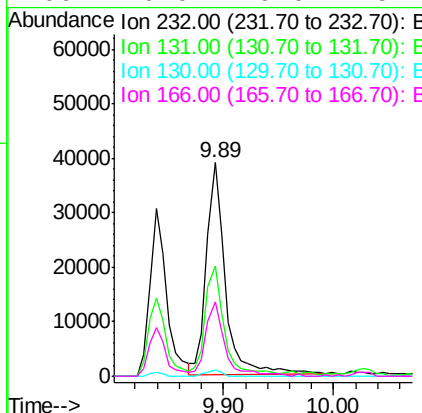
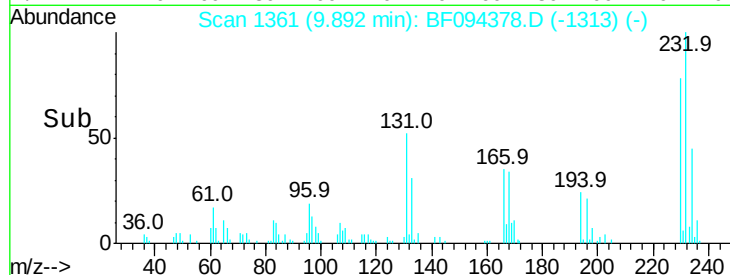
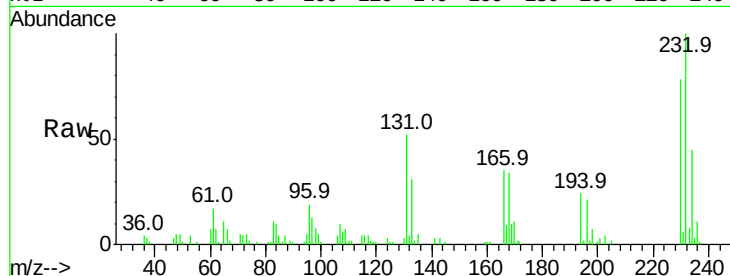




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 14.72 ng
 RT: 9.89 min Scan# 1361
 Delta R.T. -0.02 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

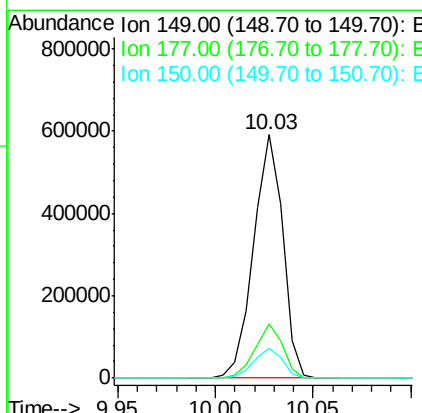
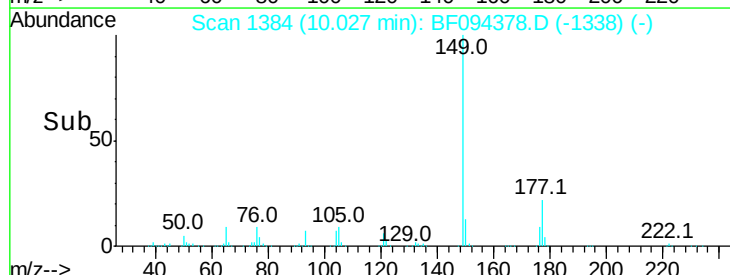
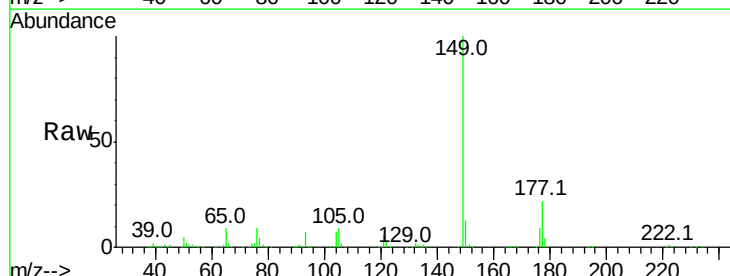
Instrument :
 BNA_F
 ClientSampleId :

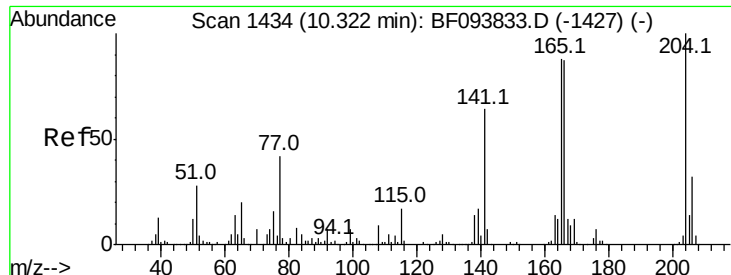
Tot Ion:	232	Resp:	45647
Ion	Ratio	Lower	Upper
232	100		
131	48.7	44.8	67.2
130	2.3	2.3	3.5#
166	0.0	29.0	43.4#



#59
 Diethylphthalate
 Concen: 40.38 ng
 RT: 10.03 min Scan# 1384
 Delta R.T. -0.03 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

Tgt Ion:	149	Resp:	612225
Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.7	25.1
150	12.5	10.2	15.2

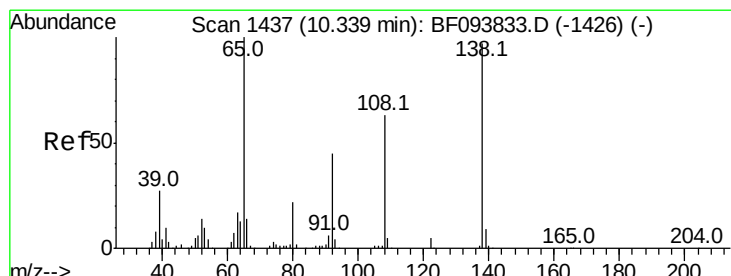
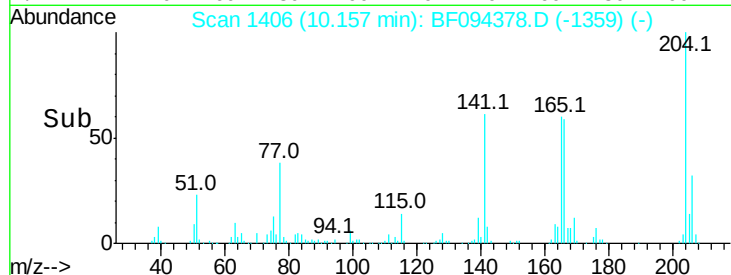
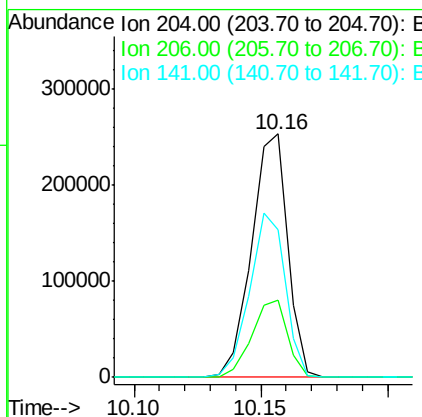
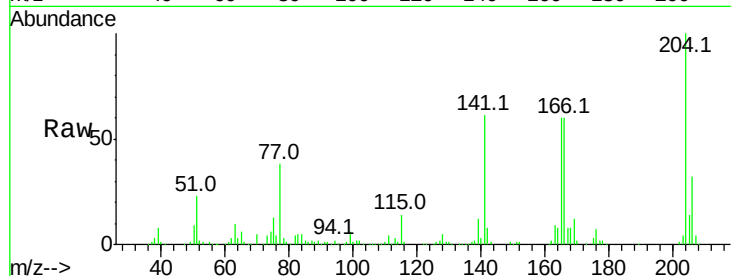




#60
 4-Chlorophenyl-phenylether
 Concen: 39.68 ng
 RT: 10.16 min Scan# 1406
 Delta R.T. -0.02 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

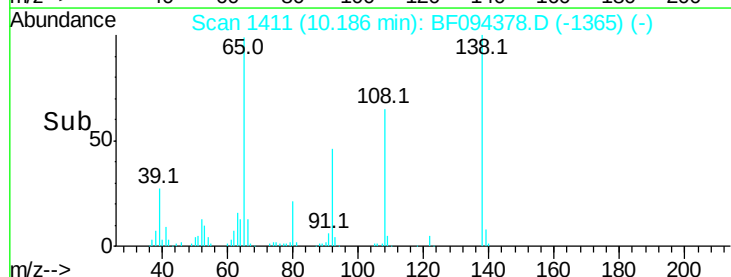
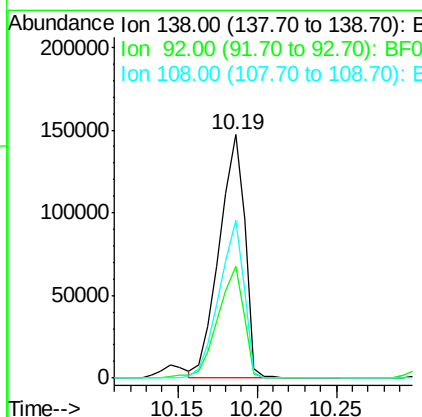
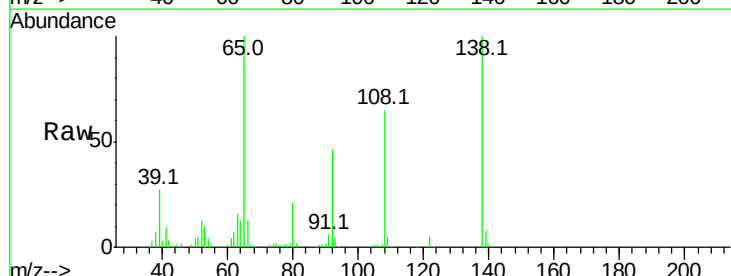
Instrument :
 BNA_F
 ClientSampleId :

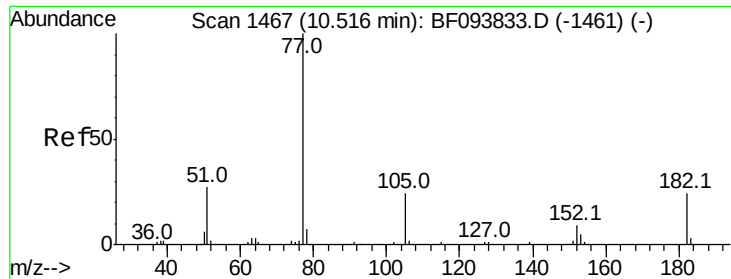
Tot Ion:204 Resp: 252170
 Ion Ratio Lower Upper
 204 100
 206 31.7 26.2 39.2
 141 60.5 60.8 91.2#



#61
 4-Nitroaniline
 Concen: 42.02 ng
 RT: 10.19 min Scan# 1411
 Delta R.T. -0.03 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

Tgt Ion:138 Resp: 166513
 Ion Ratio Lower Upper
 138 100
 92 45.9 21.8 61.8
 108 64.8 42.3 82.3





#62

Azobenzene

Concen: 36.14 ng

RT: 10.35 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 518283

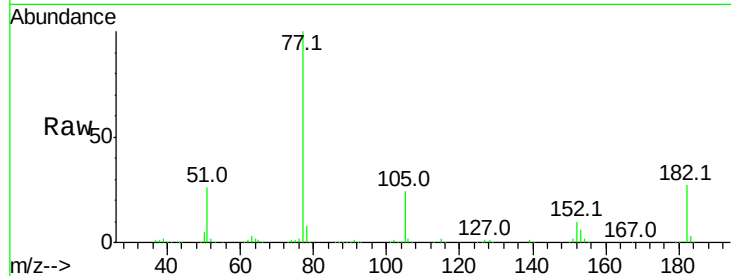
Ion Ratio Lower Upper

77 100

182 26.6 0.1 40.1

105 23.8 3.6 43.6

51 25.8 9.4 49.4

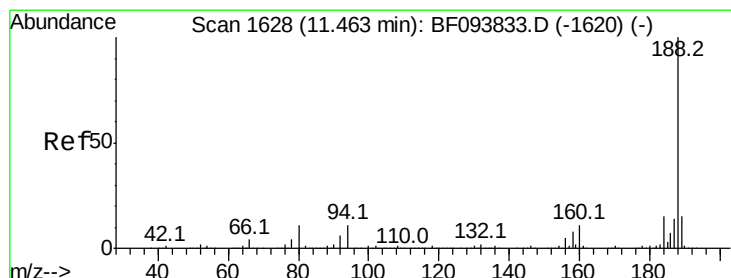
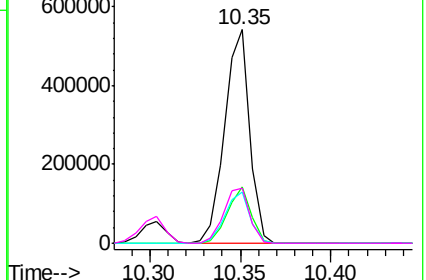
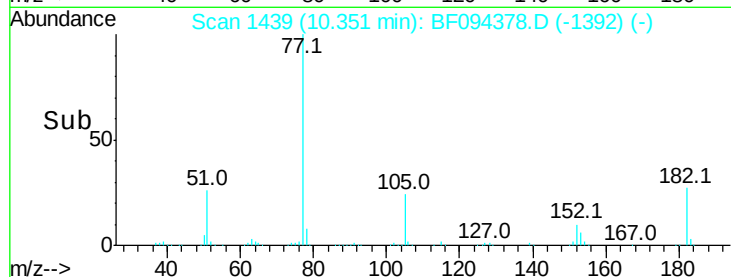


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.29 min Scan# 1599

Delta R.T. -0.03 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

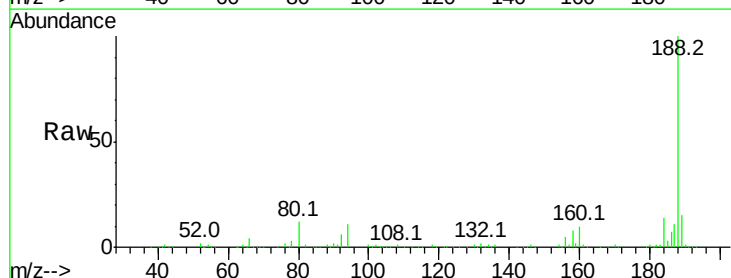
Tgt Ion: 188 Resp: 345087

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

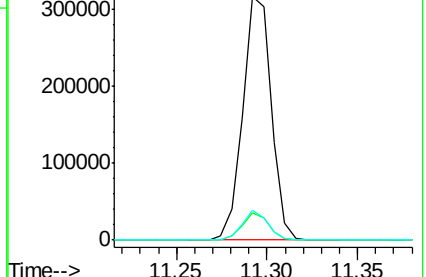
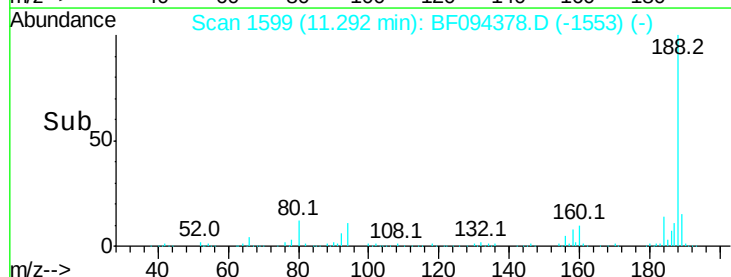
80 12.1 10.2 15.2

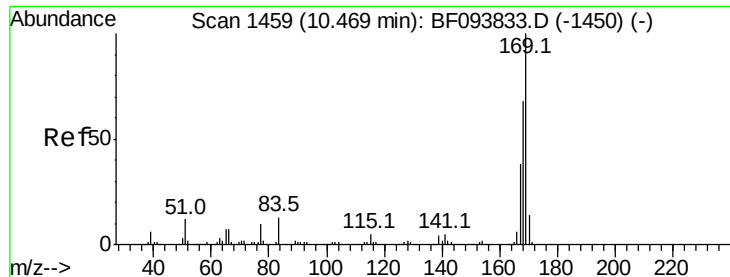


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

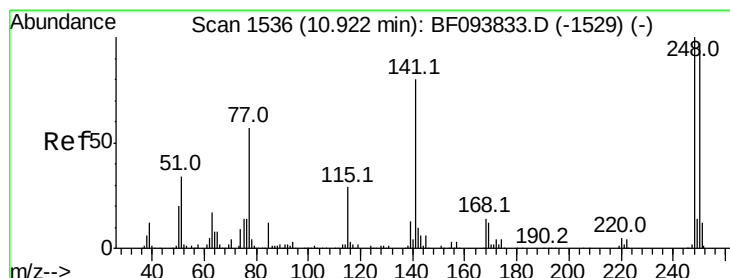
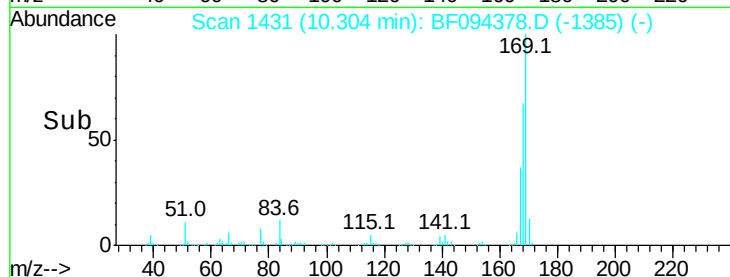
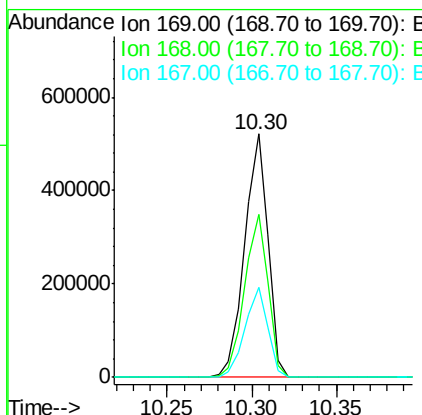
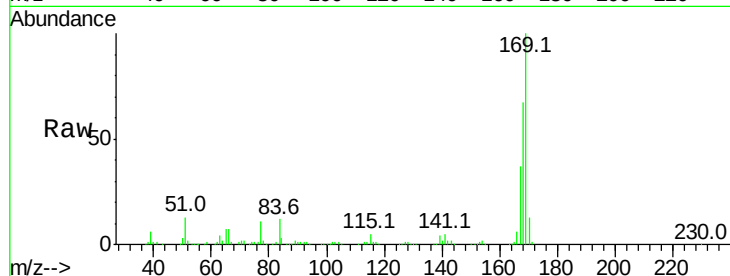




#65
n-Nitrosodiphenylamine
Concen: 42.34 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BF094378.D
Acq: 12 Apr 2017 5:32

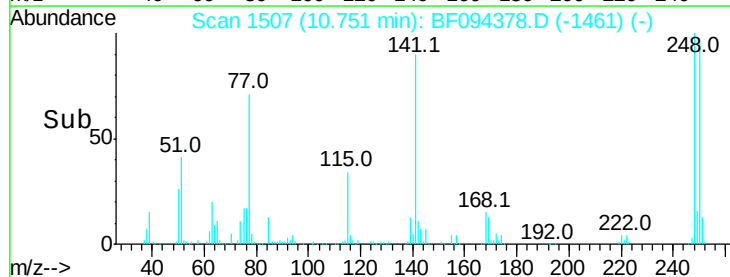
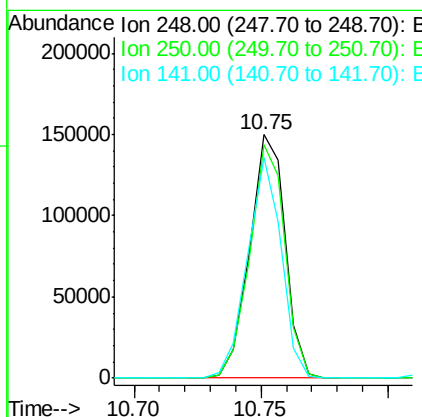
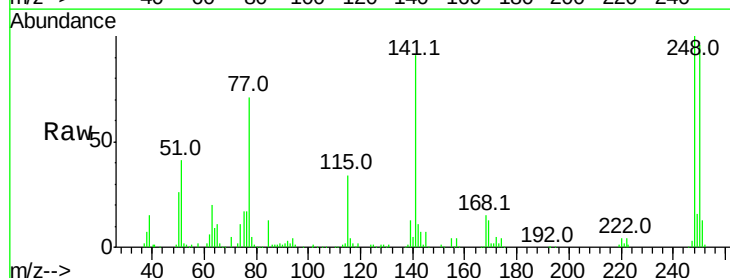
Instrument :
BNA_F
ClientSampleId :

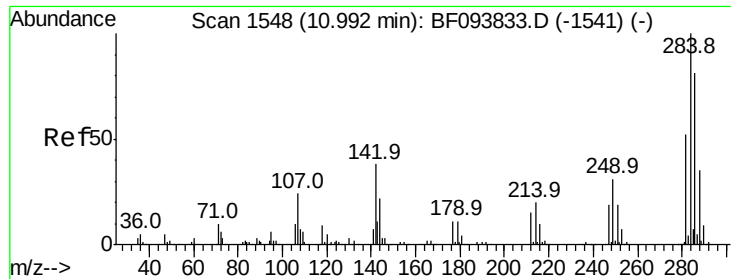
Tot Ion:169 Resp: 505275
Ion Ratio Lower Upper
169 100
168 67.0 53.2 79.8
167 36.8 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 42.98 ng
RT: 10.75 min Scan# 1507
Delta R.T. -0.03 min
Lab File: BF094378.D
Acq: 12 Apr 2017 5:32

Tgt Ion:248 Resp: 145880
Ion Ratio Lower Upper
248 100
250 96.0 76.8 115.2
141 90.8 68.6 103.0

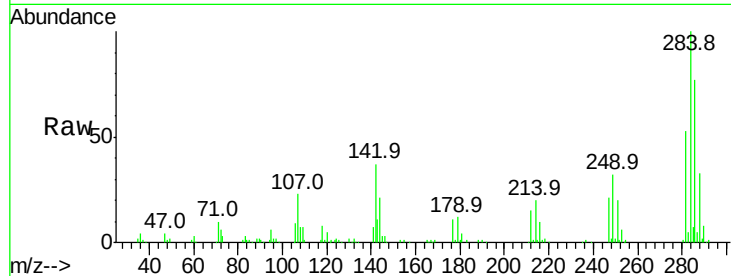




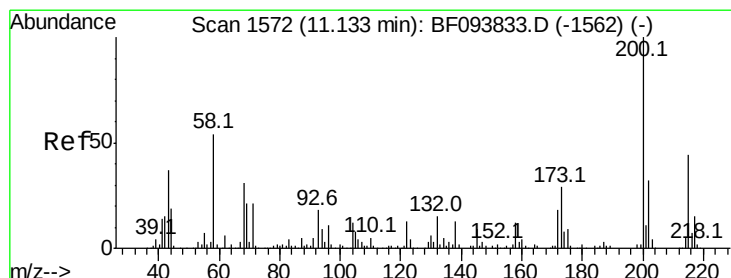
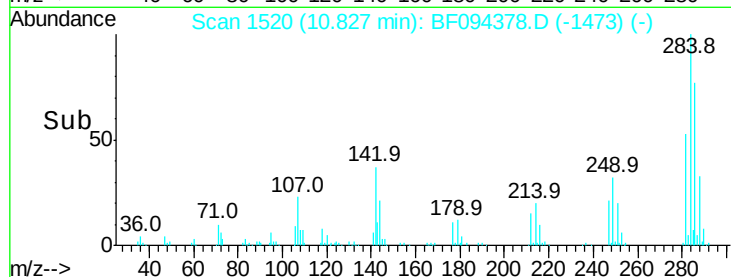
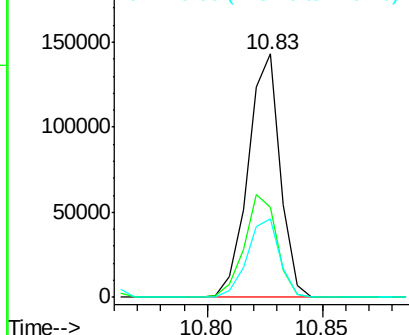
#67
Hexachlorobenzene
Concen: 40.45 ng
RT: 10.83 min Scan# 1520
Delta R.T. -0.02 min
Lab File: BF094378.D
Acq: 12 Apr 2017 5:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.0	22.8	34.2#
249	32.2	24.0	36.0

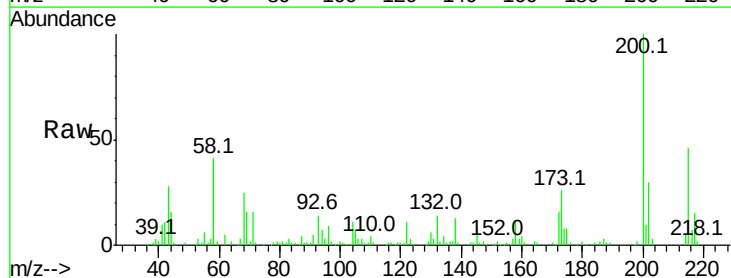


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

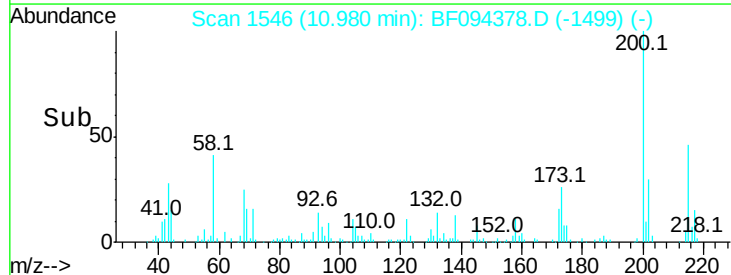
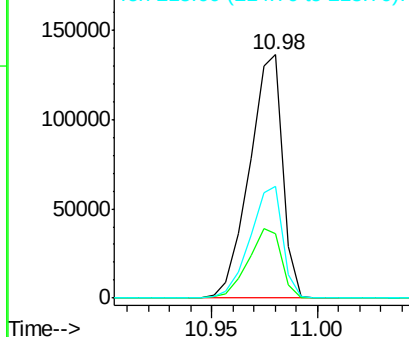


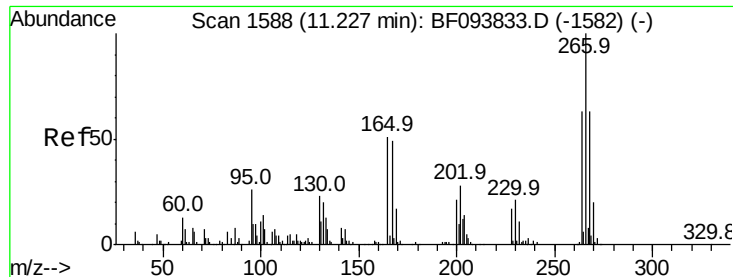
#68
Atrazine
Concen: 41.71 ng
RT: 10.98 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF094378.D
Acq: 12 Apr 2017 5:32

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.3	46.3
215	45.7	27.2	67.2



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





#69

Pentachlorophenol

Concen: 4.70 ng

RT: 11.09 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

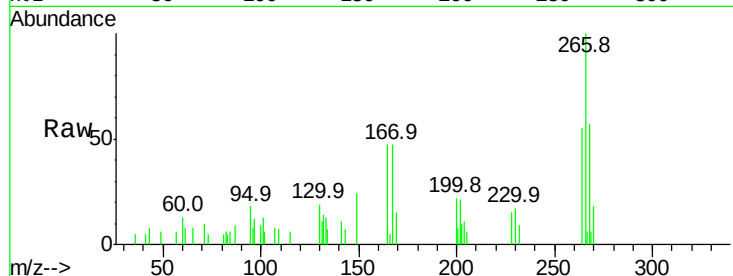
Tot Ion:266 Resp: 10059

Ion Ratio Lower Upper

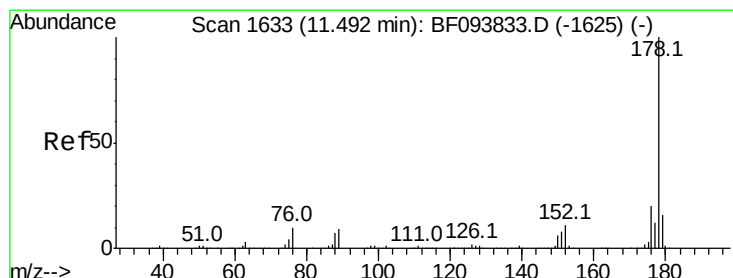
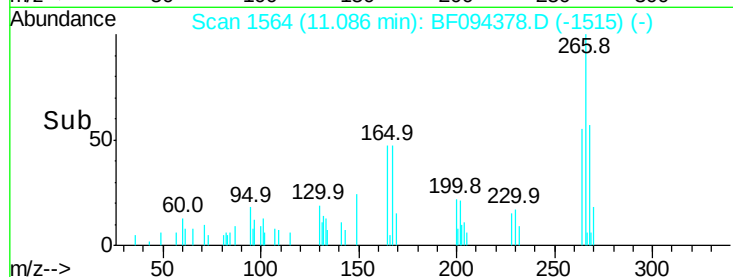
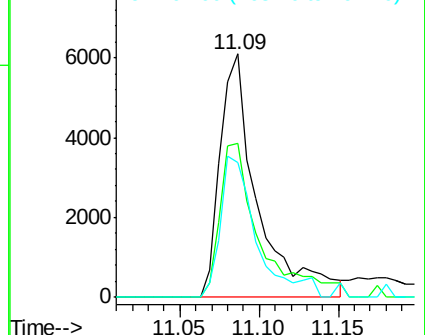
266 100

268 63.0 51.1 76.7

264 55.2 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: 40.17 ng

RT: 11.33 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

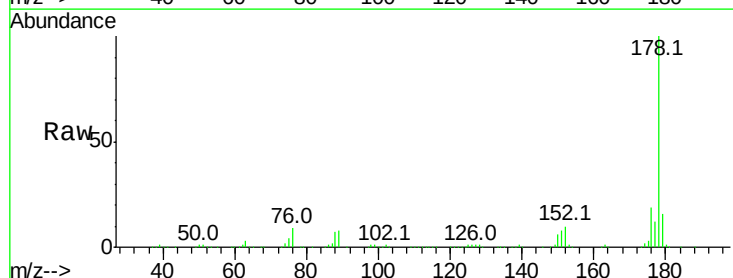
Tgt Ion:178 Resp: 771185

Ion Ratio Lower Upper

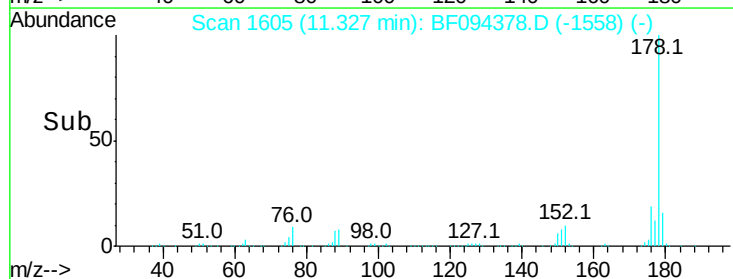
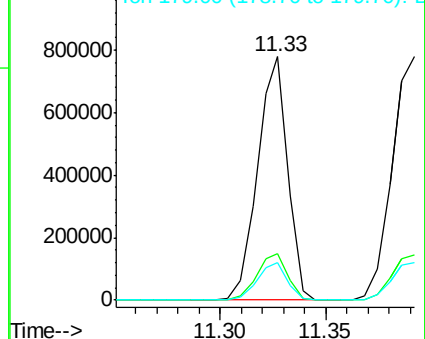
178 100

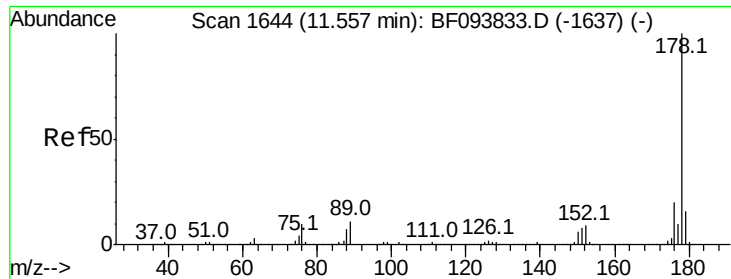
176 19.0 16.2 24.4

179 15.6 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

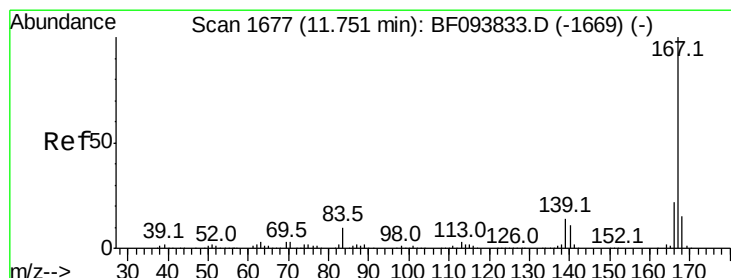
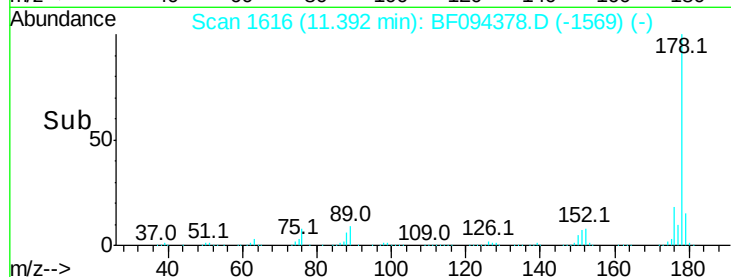
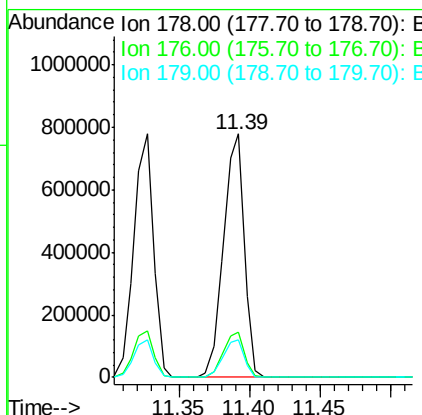
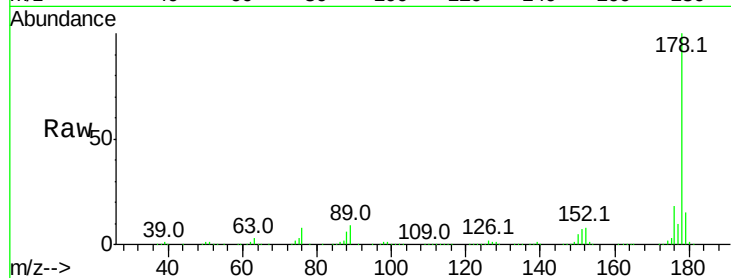




#71
 Anthracene
 Concen: 40.31 ng
 RT: 11.39 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

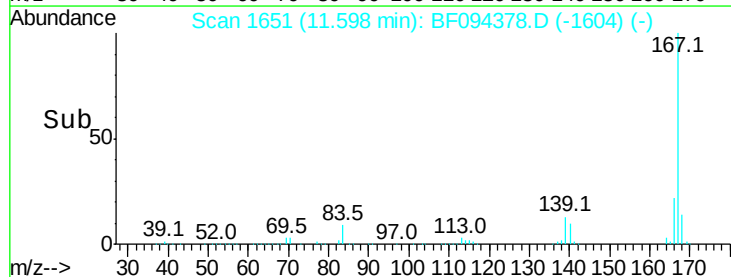
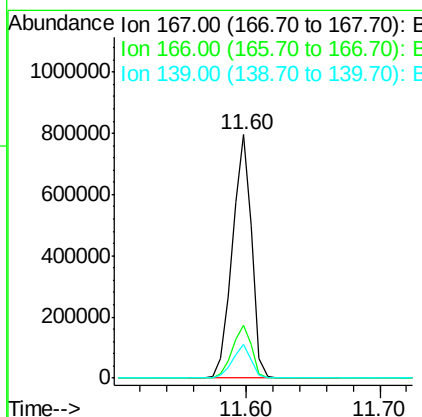
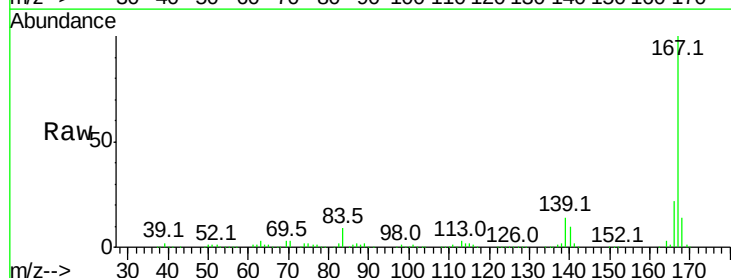
Instrument :
 BNA_F
 ClientSampled :

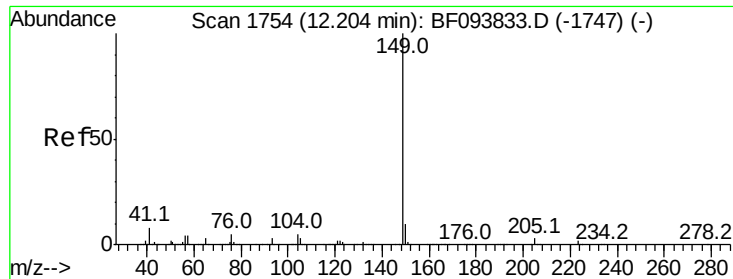
Tot Ion:178 Resp: 796759
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 39.83 ng
 RT: 11.60 min Scan# 1651
 Delta R.T. -0.02 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

Tgt Ion:167 Resp: 807193
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.49 ng

RT: 12.04 min Scan# 1727

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

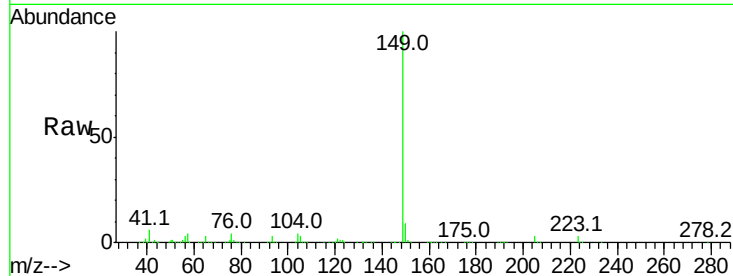
Tot Ion:149 Resp: 895498

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

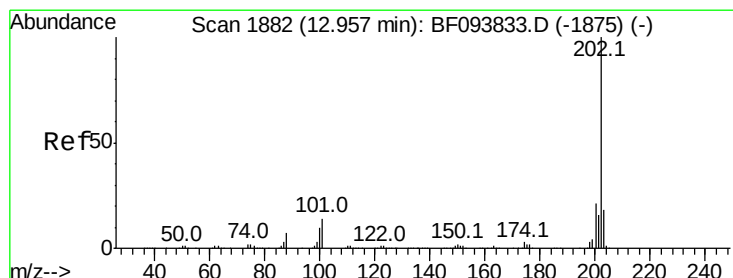
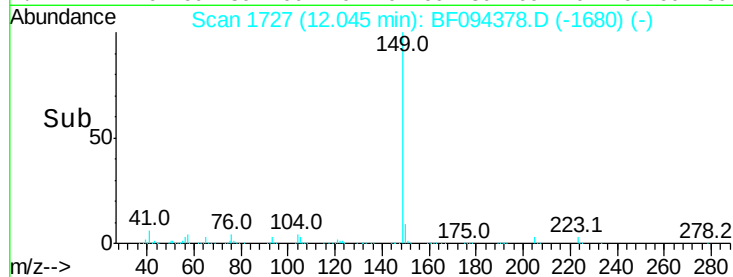
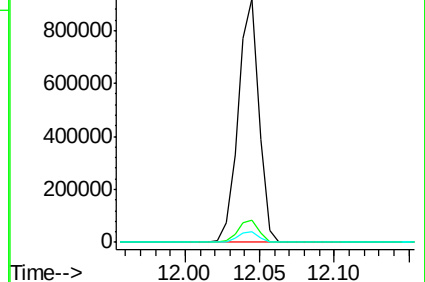
104 4.2 4.0 6.0



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: 41.02 ng

RT: 12.79 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

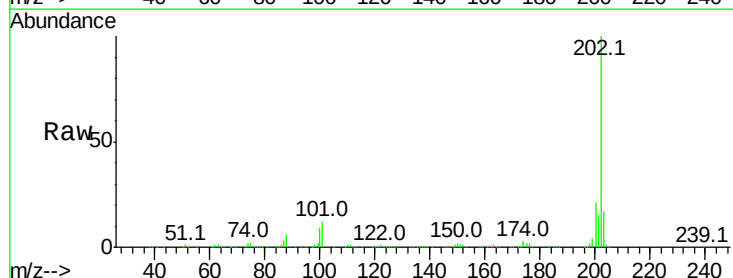
Tgt Ion:202 Resp: 806325

Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.2

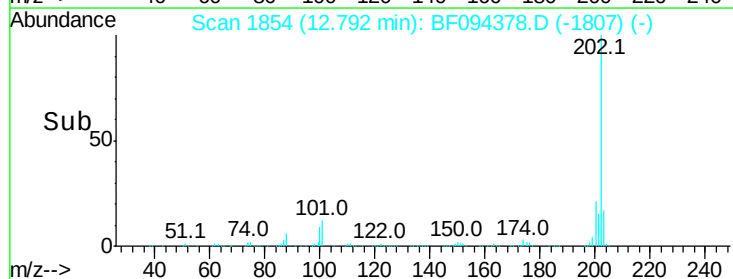
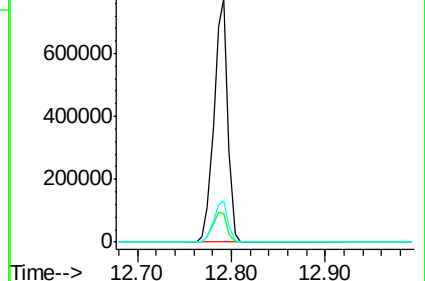
203 17.2 0.0 38.1

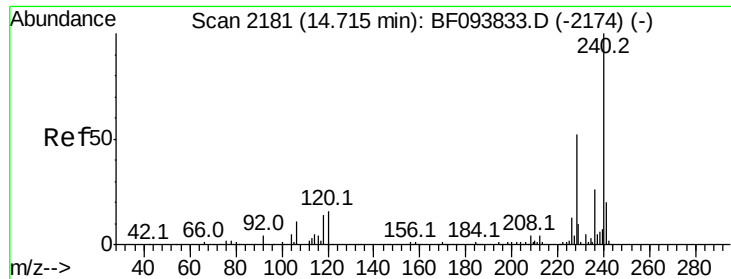


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.55 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

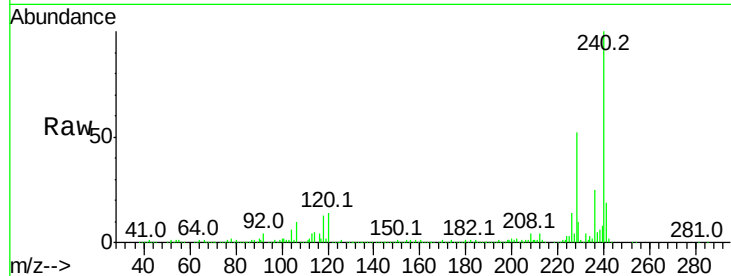
Tot Ion:240 Resp: 300963

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

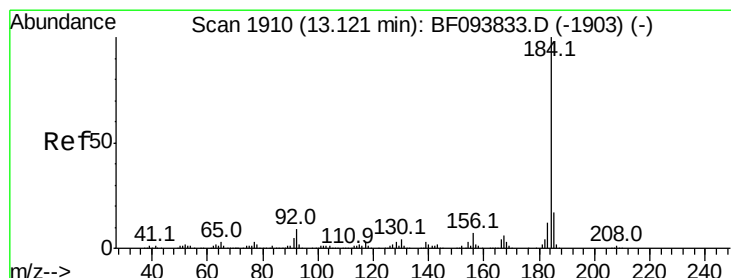
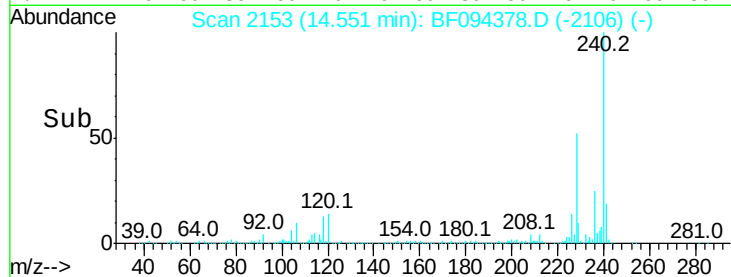
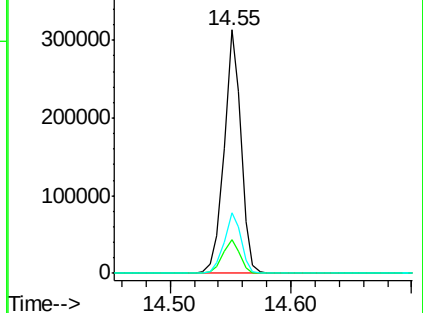
236 24.8 20.5 30.7



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: 36.91 ng

RT: 12.96 min Scan# 1883

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

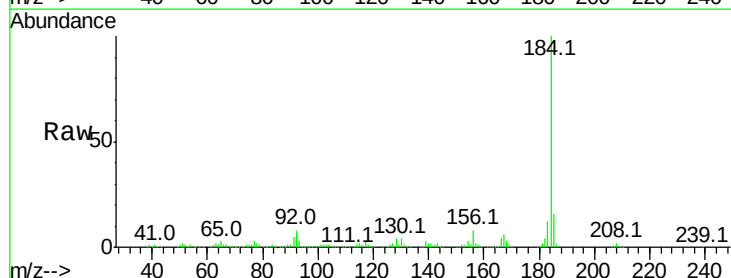
Tgt Ion:184 Resp: 439638

Ion Ratio Lower Upper

184 100

185 15.8 15.5 23.3

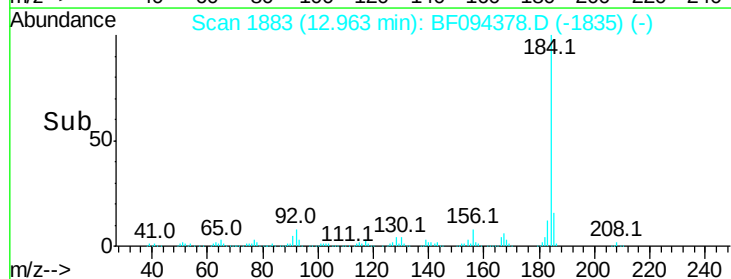
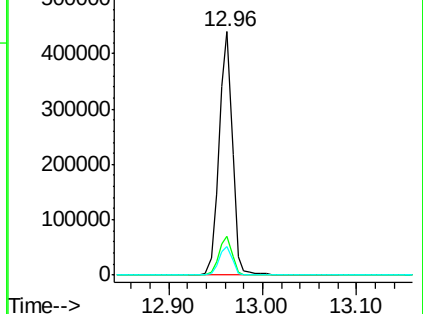
183 11.9 9.8 14.6

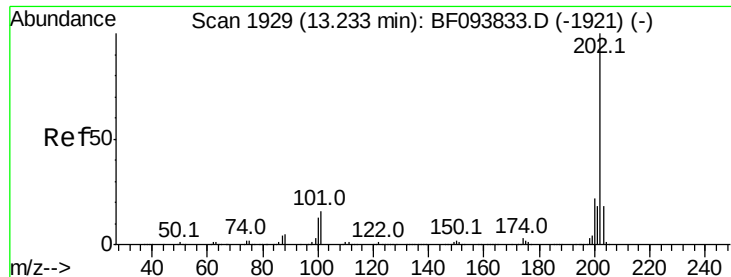


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.12 ng

RT: 13.07 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampled :

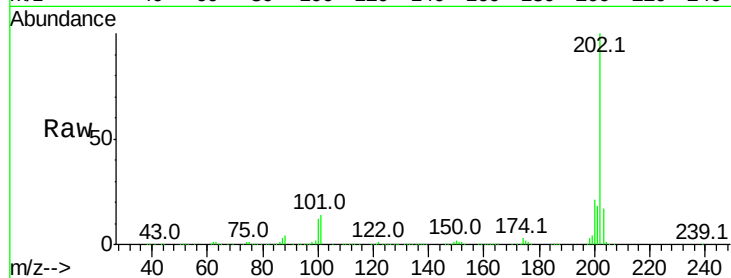
Tot Ion:202 Resp: 832672

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

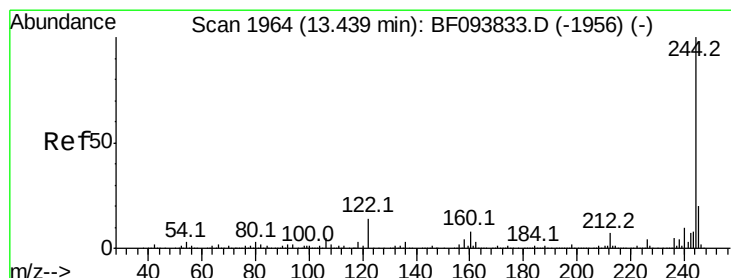
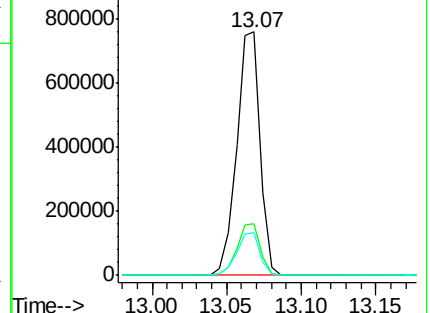
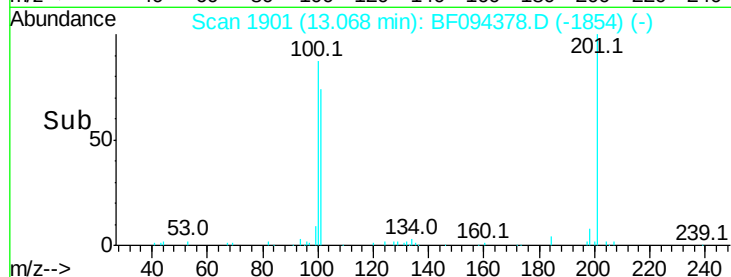
203 17.4 14.4 21.6



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: 79.48 ng

RT: 13.27 min Scan# 1936

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

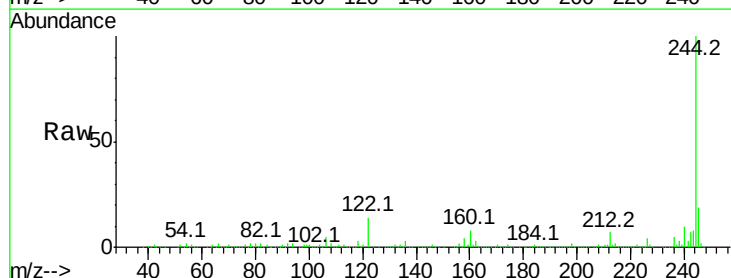
Tgt Ion:244 Resp: 1067175

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

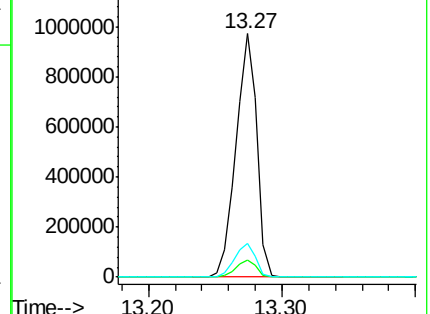
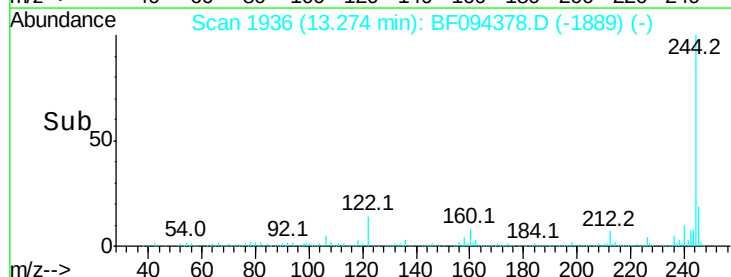
122 14.0 10.3 15.5

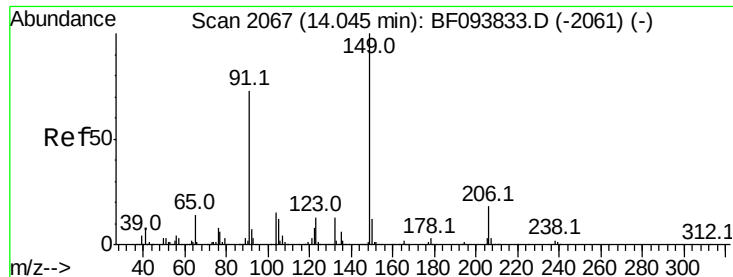


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

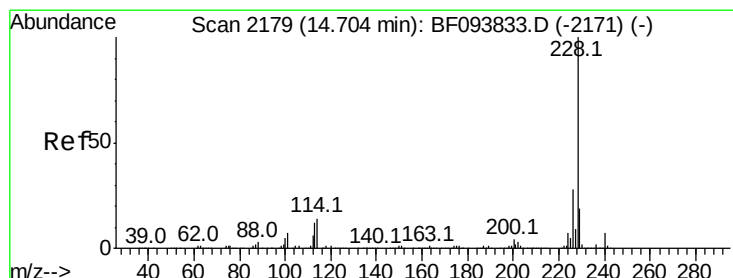
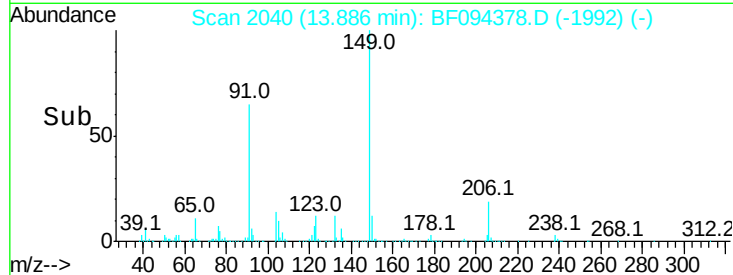
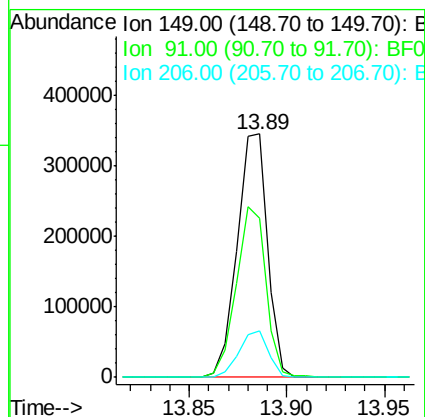
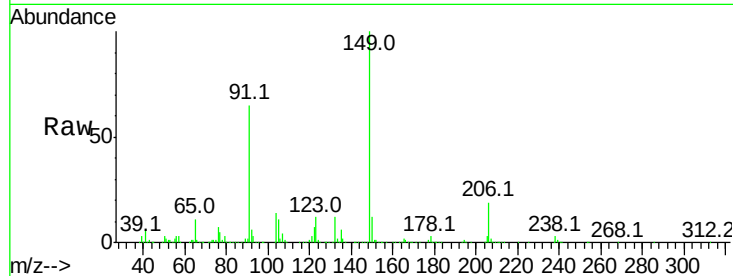




#79
Butylbenzylphthalate
Concen: 40.10 ng
RT: 13.89 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BF094378.D
Acq: 12 Apr 2017 5:32

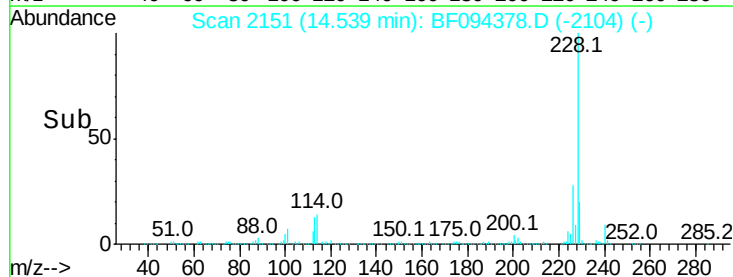
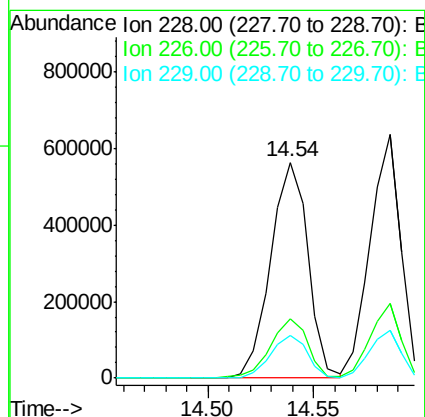
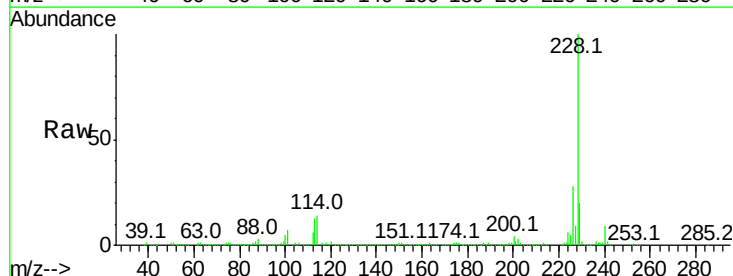
Instrument :
BNA_F
ClientSampleId :

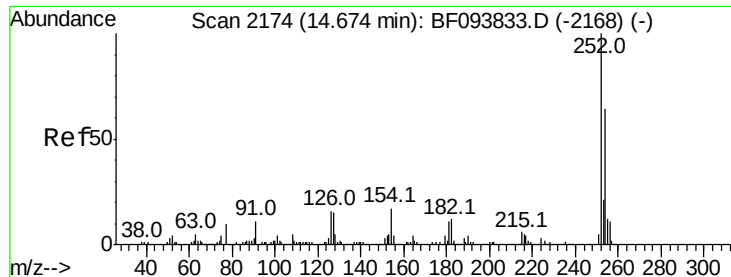
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.2	45.0	67.4
206	19.1	17.0	25.6



#80
Benzo(a)anthracene
Concen: 39.57 ng
RT: 14.54 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BF094378.D
Acq: 12 Apr 2017 5:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.0	16.3	24.5

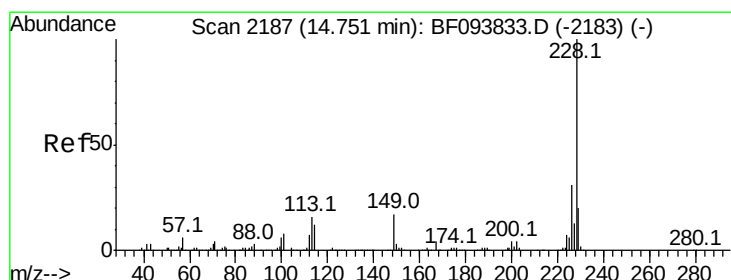
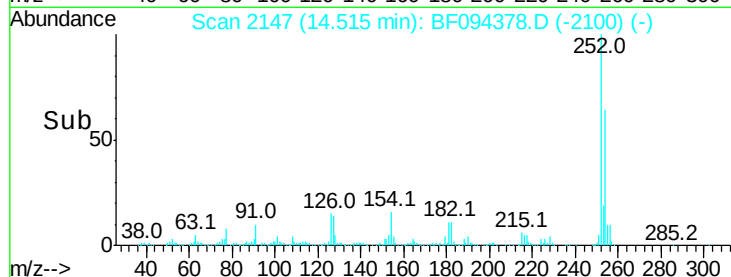
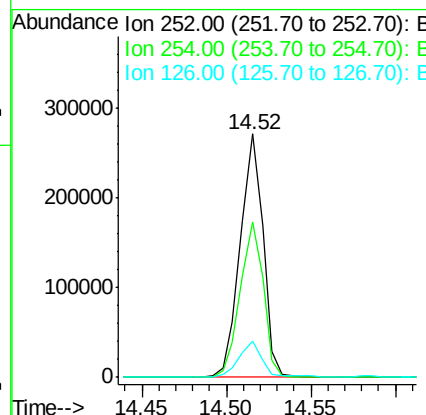
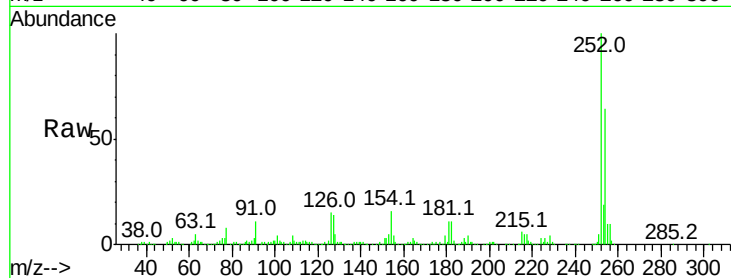




#81
 3,3'-Dichlorobenzidine
 Concen: 40.70 ng
 RT: 14.52 min Scan# 2147
 Delta R.T. -0.02 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

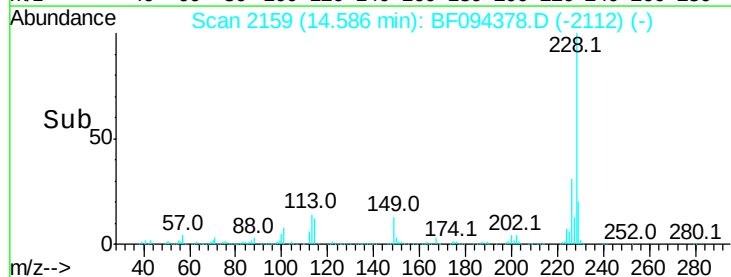
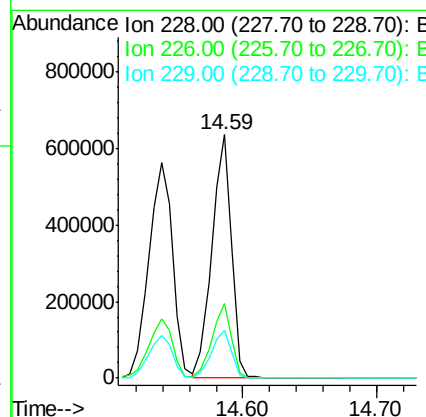
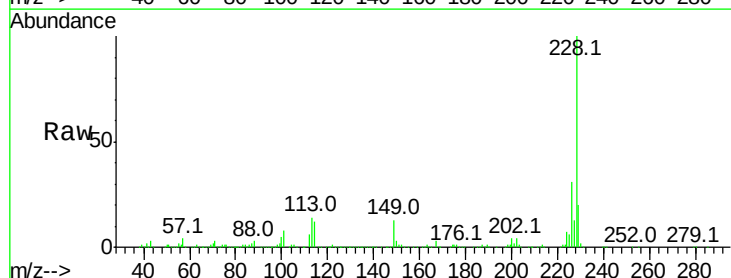
Instrument :
 BNA_F
 ClientSampleId :

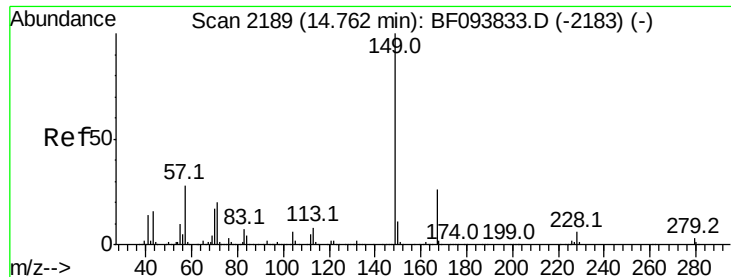
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.5	77.3
126	14.8	15.8	23.8#



#82
 Chrysene
 Concen: 39.84 ng
 RT: 14.59 min Scan# 2159
 Delta R.T. -0.02 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.7	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.25 ng

RT: 14.60 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

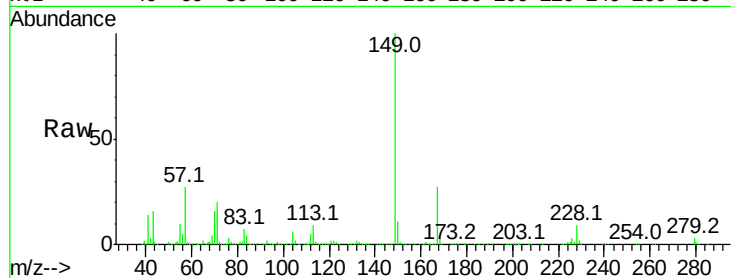
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 523771

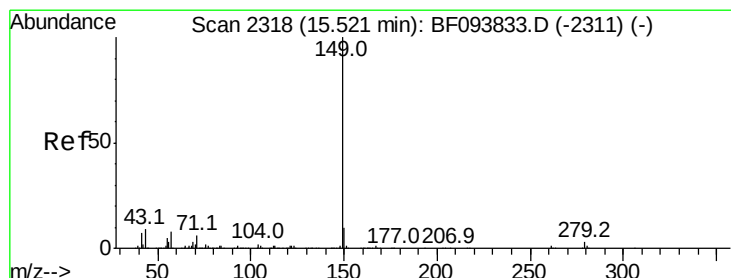
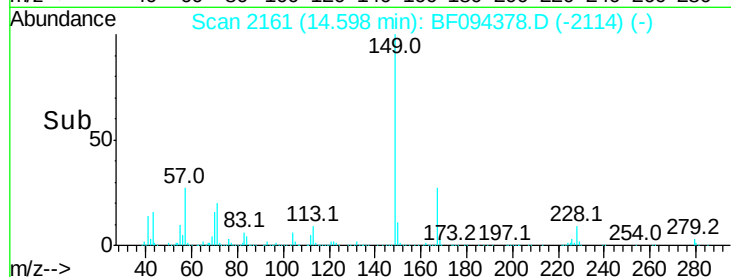
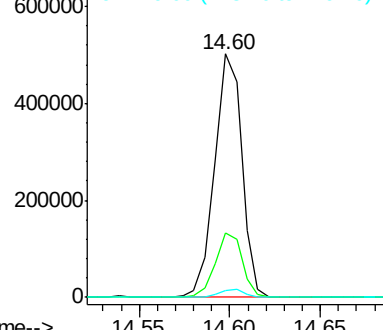
Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.0	31.4
279	2.9	1.9	2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.99 ng

RT: 15.36 min Scan# 2290

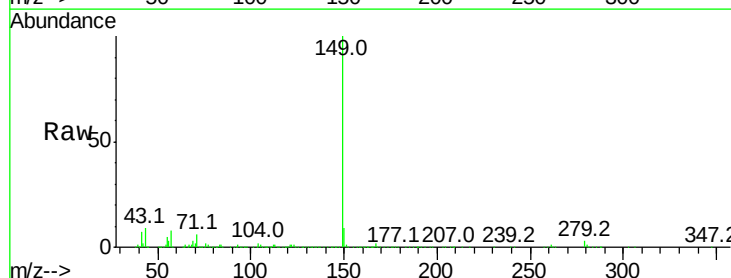
Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Tgt Ion:149 Resp: 890553

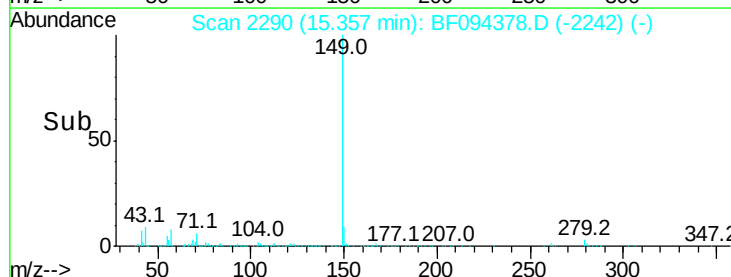
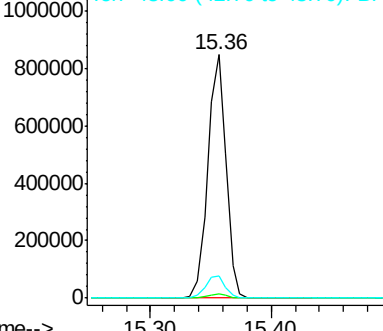
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.6	8.5	12.7

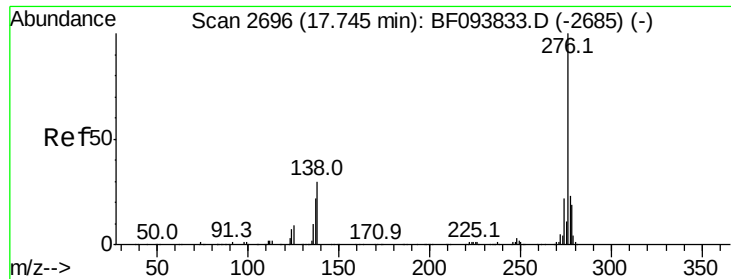


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.64 ng

RT: 17.50 min Scan# 2654

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

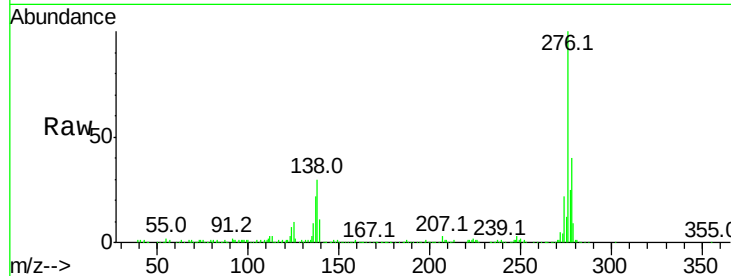
Tot Ion:276 Resp: 488550

Ion Ratio Lower Upper

276 100

138 35.0 27.8 41.6

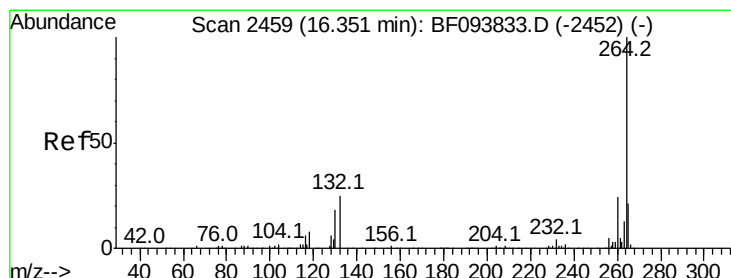
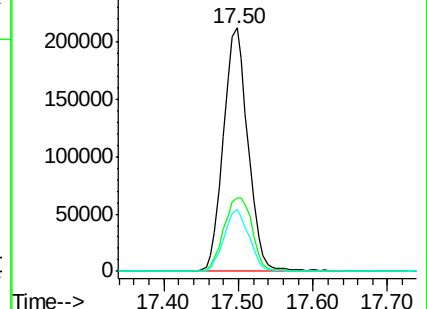
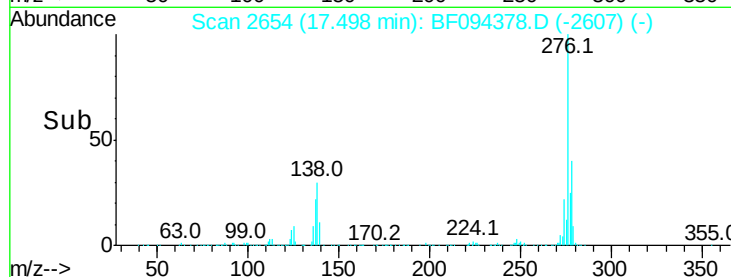
277 25.9 20.2 30.4



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: 16.17 min Scan# 2429

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

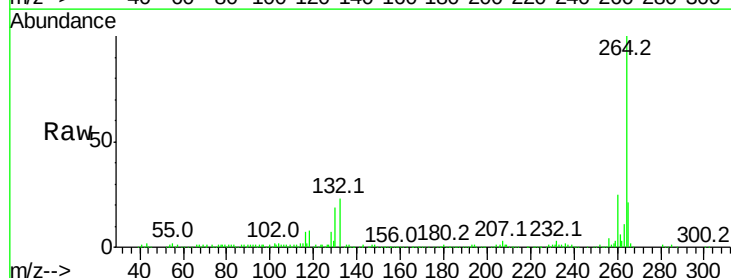
Tgt Ion:264 Resp: 225260

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

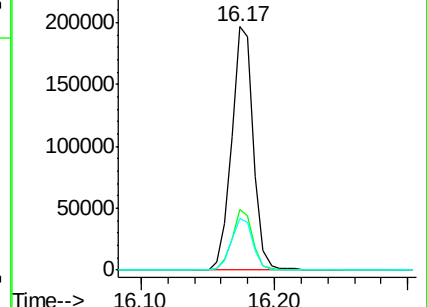
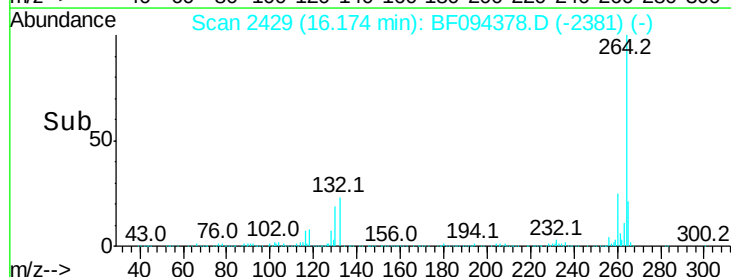
265 21.3 17.2 25.8

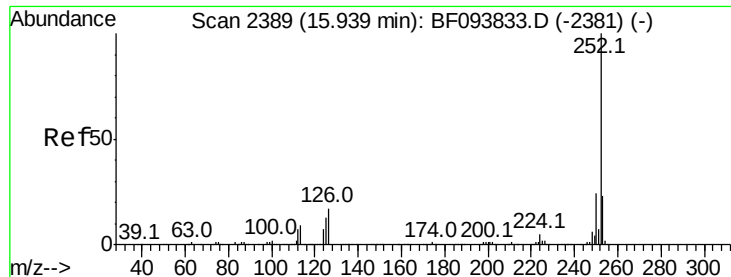


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

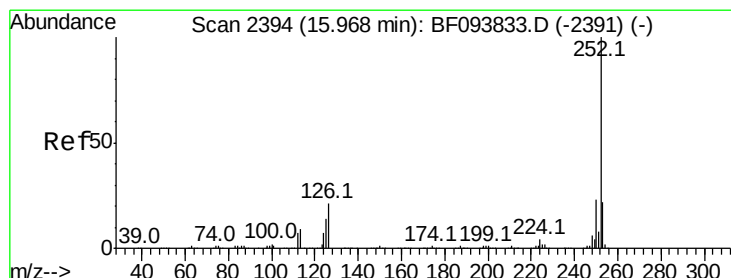
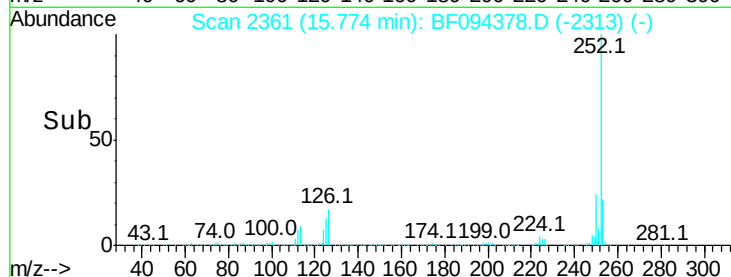
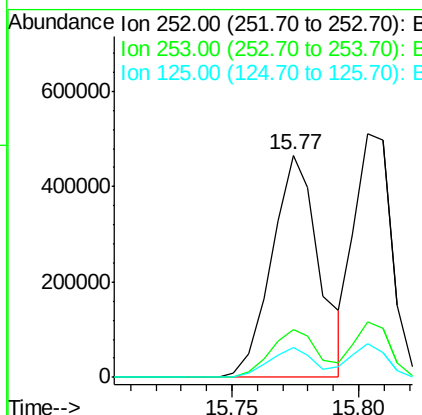
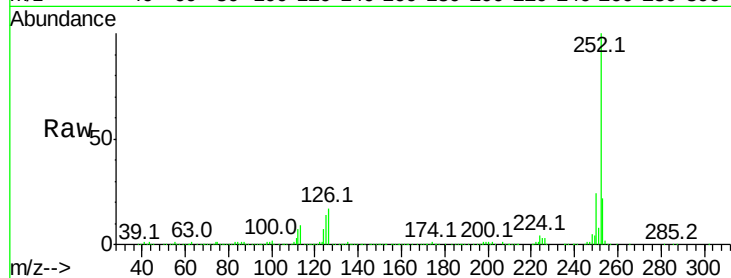




#87
Benzo(b)fluoranthene
Concen: 44.14 ng
RT: 15.77 min Scan# 2361
Delta R.T. -0.02 min
Lab File: BF094378.D
Acq: 12 Apr 2017 5:32

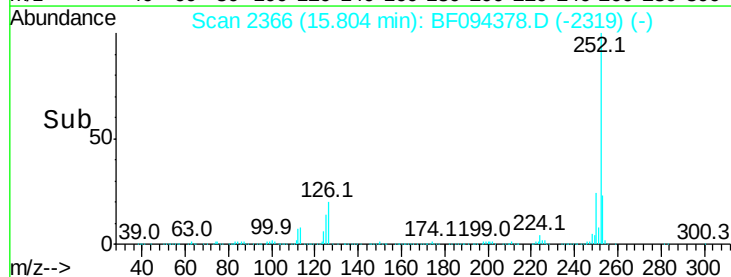
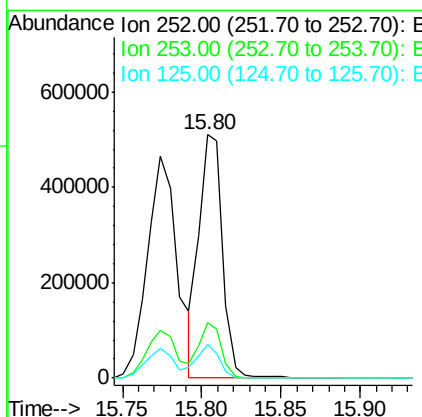
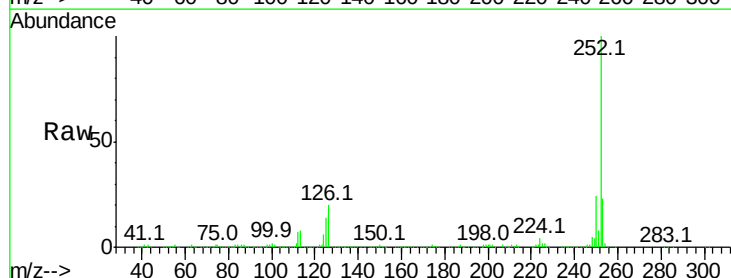
Instrument :
BNA_F
ClientSampleId :

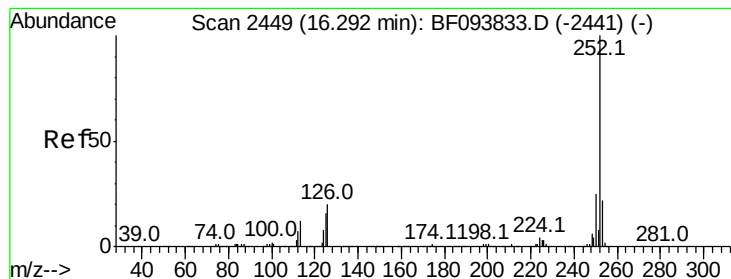
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	13.5	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 39.26 ng
RT: 15.80 min Scan# 2366
Delta R.T. -0.02 min
Lab File: BF094378.D
Acq: 12 Apr 2017 5:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	13.7	13.1	19.7





#89

Benzo(a)pyrene

Concen: 40.41 ng

RT: 16.12 min Scan# 2420

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

Instrument :

BNA_F

ClientSampleId :

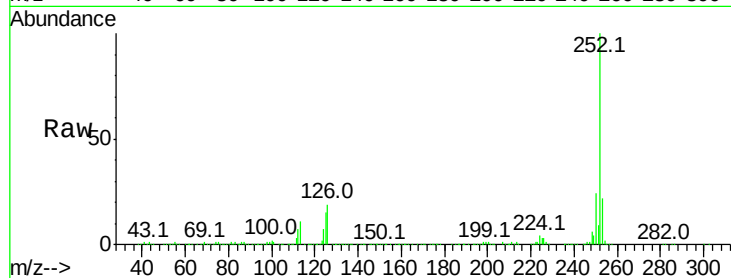
Tot Ion:252 Resp: 513833

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

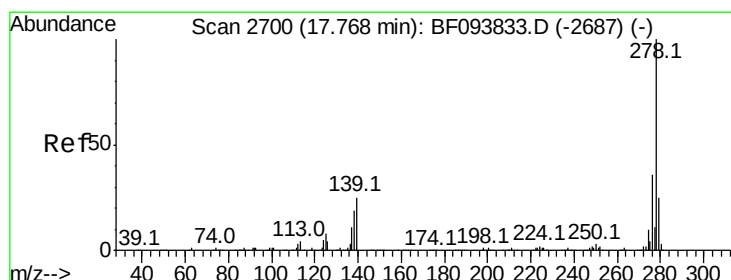
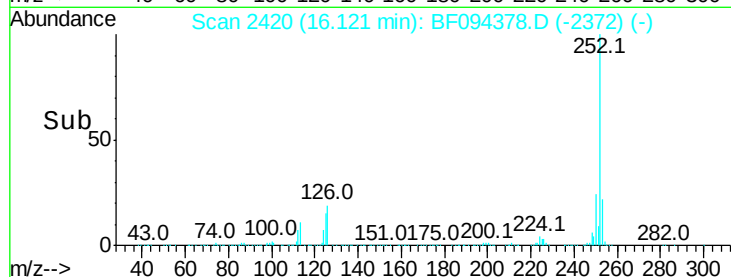
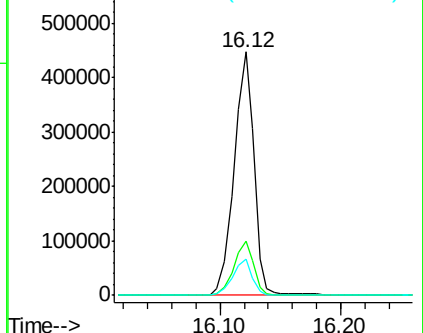
125 14.6 11.0 16.4



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: 38.73 ng

RT: 17.52 min Scan# 2657

Delta R.T. -0.02 min

Lab File: BF094378.D

Acq: 12 Apr 2017 5:32

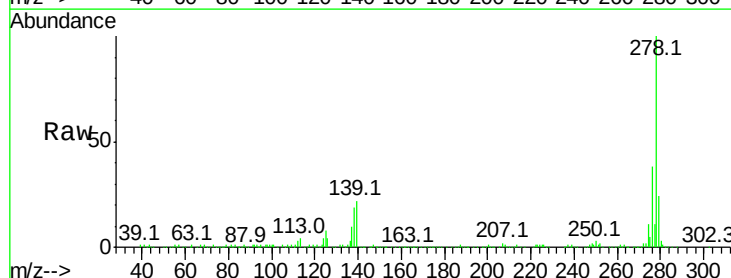
Tgt Ion:278 Resp: 417084

Ion Ratio Lower Upper

278 100

139 21.6 16.6 24.8

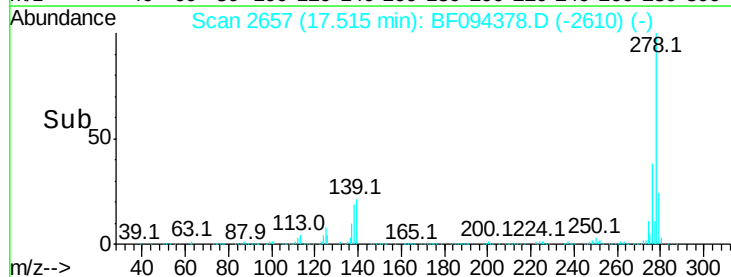
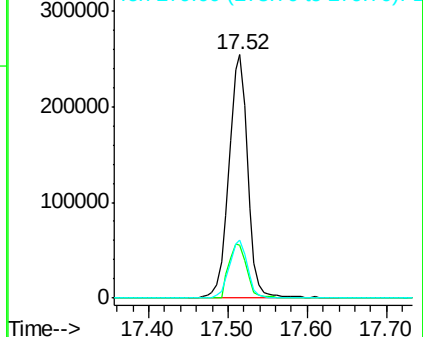
279 23.9 19.3 28.9

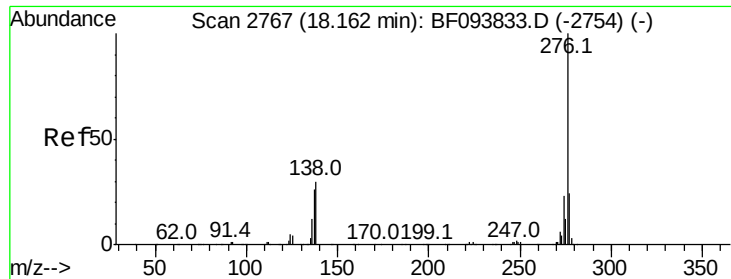


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

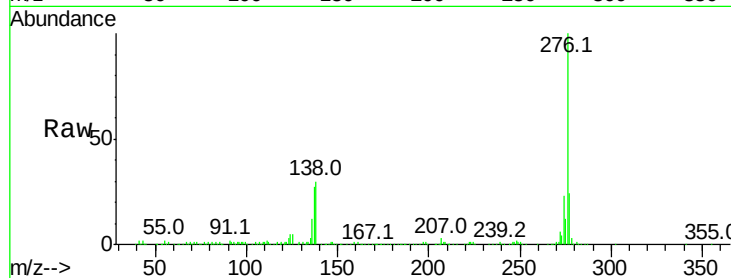




#91
 Benzo(a,h,i)perylene
 Concen: 37.05 ng
 RT: 17.88 min Scan# 2719
 Delta R.T. -0.03 min
 Lab File: BF094378.D
 Acq: 12 Apr 2017 5:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	30.4	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

