

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094431.D
 Acq On : 14 Apr 2017 16:34
 Operator : SJ/MA
 Sample : PB98252BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98252BSD

Quant Time: Apr 15 00:38:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 16:39:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	132994	20.00	ng	0.00
21) Naphthalene-d8	7.27	136	536491	20.00	ng	0.00
38) Acenaphthene-d10	9.41	164	255650	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	459161	20.00	ng	0.00
75) Chrysene-d12	14.48	240	362348	20.00	ng	0.00
86) Perylene-d12	16.10	264	259393	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	680519	86.43	ng	0.01
7) Phenol-d6	5.40	99	831268	85.34	ng	0.00
23) Nitrobenzene-d5	6.43	82	758117	80.64	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	182424	90.30	ng	0.00
44) 2-Fluorobiphenyl	8.60	172	1444301	86.17	ng	0.00
78) Terphenyl-d14	13.21	244	1291803	79.91	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.13	88	116665	30.84	ng	98
3) Pyridine	2.62	79	356556	34.58	ng	99
4) n-Nitrosodimethylamine	2.59	42	158968	37.47	ng	91
6) Aniline	5.40	93	244099	18.01	ng	# 85
8) 2-Chlorophenol	5.55	128	375199	43.35	ng	94
9) Benzaldehyde	5.26	77	90044	13.69	ng	97
10) Phenol	5.42	94	445550	40.19	ng	93
11) bis(2-Chloroethyl)ether	5.48	93	335687	38.75	ng	98
12) 1,3-Dichlorobenzene	5.70	146	385047	39.66	ng	99
13) 1,4-Dichlorobenzene	5.79	146	390073	39.67	ng	97
14) 1,2-Dichlorobenzene	5.97	146	361622	39.94	ng	97
15) Benzyl Alcohol	5.95	79	285738	40.08	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	441934	33.11	ng	# 17
17) 2-Methylphenol	6.10	107	296955	40.06	ng	# 91
18) Hexachloroethane	6.36	117	135103	39.09	ng	# 86
19) n-Nitroso-di-n-propylamine	6.26	70	260116	41.55	ng	97
20) 3+4-Methylphenols	6.29	107	425124	47.36	ng	# 63
22) Acetophenone	6.25	105	512353	42.85	ng	# 86
24) Nitrobenzene	6.45	77	365622	39.43	ng	96
25) Isophorone	6.73	82	666167	40.33	ng	95
26) 2-Nitrophenol	6.82	139	209187	47.31	ng	97
27) 2,4-Dimethylphenol	6.90	122	337709	44.33	ng	97
28) bis(2-Chloroethoxy)methane	7.00	93	435390	39.97	ng	99
29) 2,4-Dichlorophenol	7.13	162	319713	44.88	ng	100
30) 1,2,4-Trichlorobenzene	7.21	180	307745	41.95	ng	98
31) Naphthalene	7.30	128	1044234	40.48	ng	99
32) Benzoic acid	7.04	122	65367	12.89	ng	94
33) 4-Chloroaniline	7.37	127	151798	14.52	ng	94
34) Hexachlorobutadiene	7.46	225	153467	40.79	ng	97
35) Caprolactam	7.82	113	103577m	45.60	ng	
36) 4-Chloro-3-methylphenol	8.00	107	341379	45.86	ng	89
37) 2-Methylnaphthalene	8.15	142	737754	42.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.35	216	278875	39.88	ng	99
40) Hexachlorocyclopentadiene	8.34	237	248462	75.92	ng	98

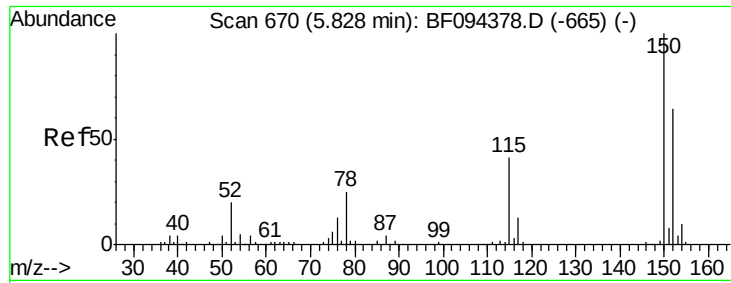
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041417\
 Data File : BF094431.D
 Acq On : 14 Apr 2017 16:34
 Operator : SJ/MA
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Quant Time: Apr 15 00:38:12 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 14 16:39:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.50	196	216094	43.67	nq	98
43) 2,4,5-Trichlorophenol	8.56	196	220736	41.23	nq #	91
45) 1,1'-Biphenyl	8.72	154	838441	40.66	nq	98
46) 2-Chloronaphthalene	8.73	162	668584	41.42	nq	95
47) 2-Nitroaniline	8.87	65	206792	43.19	nq	86
48) Acenaphthylene	9.24	152	1055184	39.33	nq	99
49) Dimethylphthalate	9.11	163	815377	44.87	nq	99
50) 2,6-Dinitrotoluene	9.17	165	184787	44.36	nq #	88
51) Acenaphthene	9.45	154	633855	40.49	nq	99
52) 3-Nitroaniline	9.37	138	110174	22.52	nq	89
53) 2,4-Dinitrophenol	9.51	184	73504	35.71	nq #	72
54) Dibenzofuran	9.67	168	917021	43.04	nq	100
55) 4-Nitrophenol	9.65	139	278130	72.60	nq #	80
56) 2,4-Dinitrotoluene	9.67	165	223904	42.79	nq #	93
57) Fluorene	10.09	166	721865	40.85	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.83	232	157402	42.85	nq	99
59) Diethylphthalate	9.97	149	775545	43.18	nq	99
60) 4-Chlorophenyl-phenylether	10.09	204	310273	41.22	nq	95
61) 4-Nitroaniline	10.13	138	193641	41.25	nq	95
62) Azobenzene	10.29	77	743721	43.77	nq	94
64) 4,6-Dinitro-2-methylphenol	10.17	198	83366	29.65	nq #	66
65) n-Nitrosodiphenylamine	10.25	169	660710	41.61	nq	98
66) 4-Bromophenyl-phenylether	10.69	248	195326	43.25	nq	99
67) Hexachlorobenzene	10.76	284	193079	42.24	nq #	84
68) Atrazine	10.92	200	196573	41.33	nq	98
69) Pentachlorophenol	11.02	266	127809	44.92	nq	98
70) Phenanthrene	11.26	178	1068386	41.83	nq	98
71) Anthracene	11.33	178	1112343	42.30	nq	98
72) Carbazole	11.53	167	1033404	38.32	nq	98
73) Di-n-butylphthalate	11.98	149	1238287	44.15	nq	100
74) Fluoranthene	12.72	202	1104184	42.22	nq	98
76) Benzidine	12.89	184	290829	20.28	nq #	93
77) Pyrene	13.00	202	1120687	42.62	nq	99
79) Butylbenzylphthalate	13.82	149	516196	46.07	nq	91
80) Benzo(a)anthracene	14.47	228	898088	42.50	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	200664	26.57	nq #	95
82) Chrysene	14.52	228	801792	40.89	nq	99
83) Bis(2-ethylhexyl)phthalate	14.53	149	709973	46.44	nq #	99
84) Di-n-octyl phthalate	15.29	149	1108313	43.40	nq	97
85) Indeno(1,2,3-cd)pyrene	17.38	276	626749	36.91	nq	100
87) Benzo(b)fluoranthene	15.70	252	728272	45.80	nq	98
88) Benzo(k)fluoranthene	15.73	252	644382m	41.42	nq	
89) Benzo(a)pyrene	16.04	252	631764	43.15	nq	99
90) Dibenzo(a,h)anthracene	17.40	278	520426	41.97	nq	99
91) Benzo(g,h,i)perylene	17.76	276	532375	42.60	nq	98

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

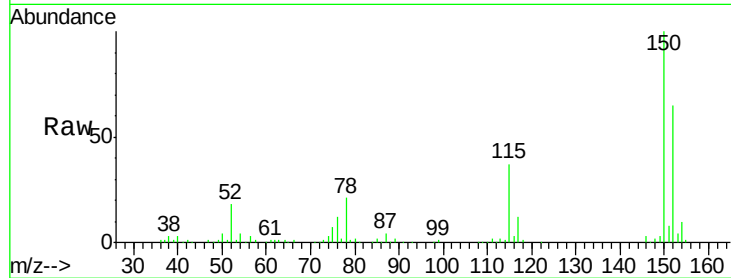


#1

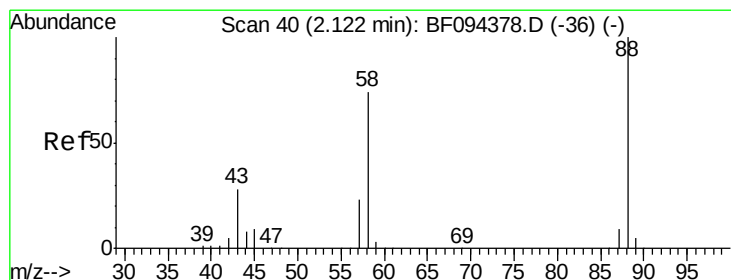
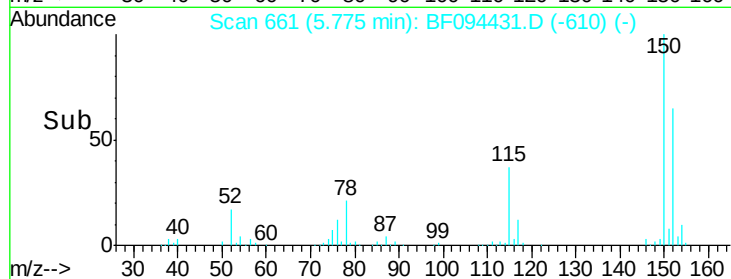
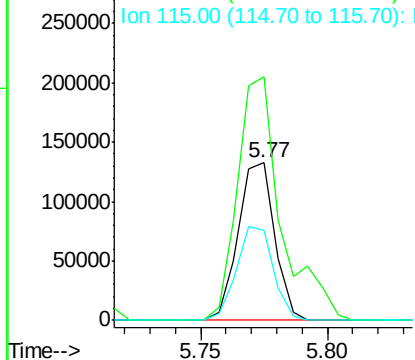
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
PB98252BSD

Tot Ion:152 Resp: 132994
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 57.1 52.2 78.2



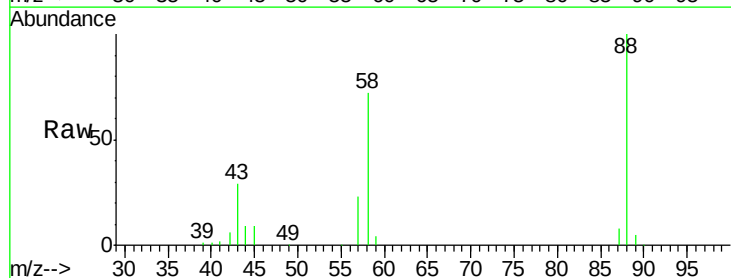
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



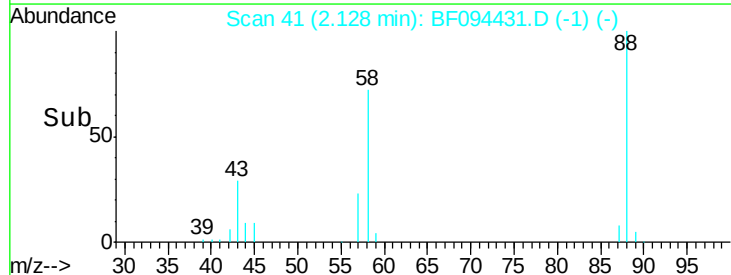
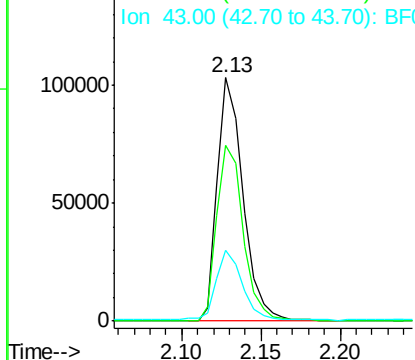
#2

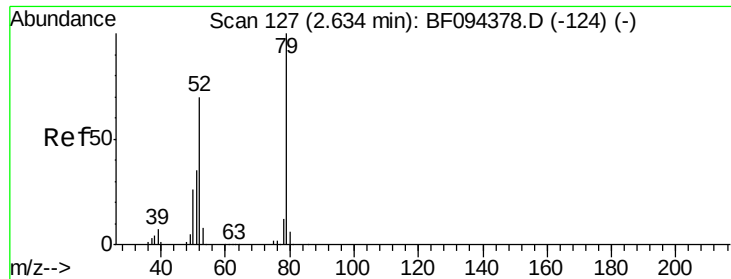
1,4-Dioxane
Concen: 30.84 ng
RT: 2.13 min Scan# 41
Delta R.T. 0.04 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion: 88 Resp: 116665
Ion Ratio Lower Upper
88 100
58 74.8 61.4 92.0
43 29.0 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: 34.58 ng

RT: 2.62 min Scan# 125

Delta R.T. 0.03 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB98252BSD

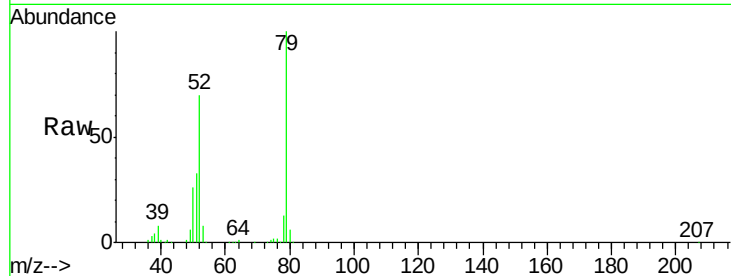
Tot Ion: 79 Resp: 356556

Ion Ratio Lower Upper

79 100

52 69.8 54.8 82.2

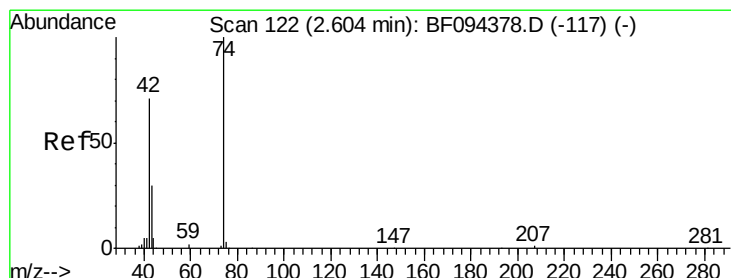
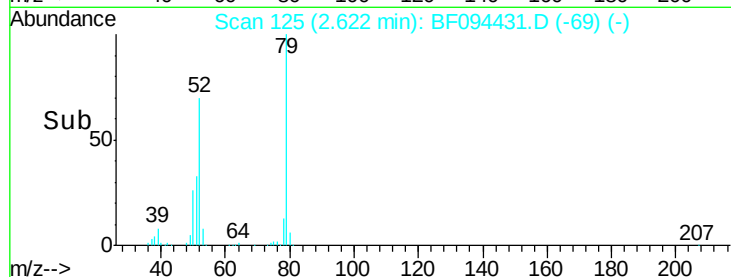
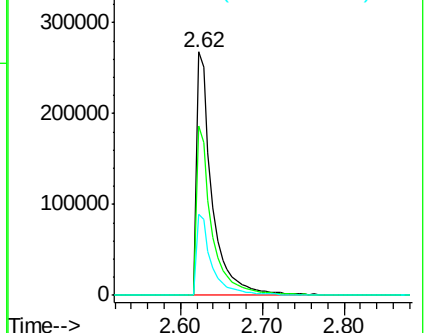
51 33.1 27.0 40.4



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: 37.47 ng

RT: 2.59 min Scan# 120

Delta R.T. 0.03 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

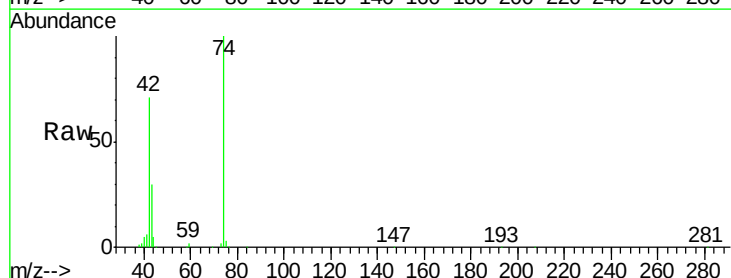
Tgt Ion: 42 Resp: 158968

Ion Ratio Lower Upper

42 100

74 140.3 103.9 155.9

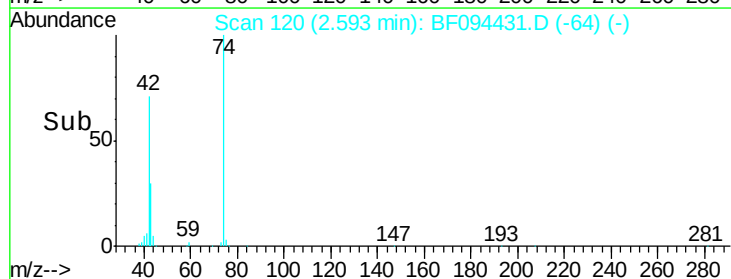
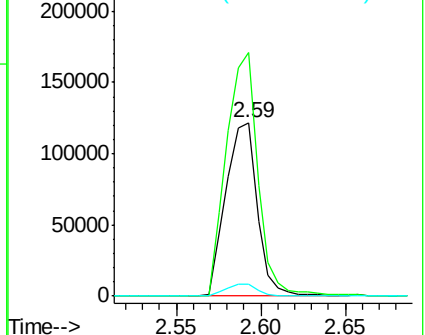
44 6.7 5.7 8.5

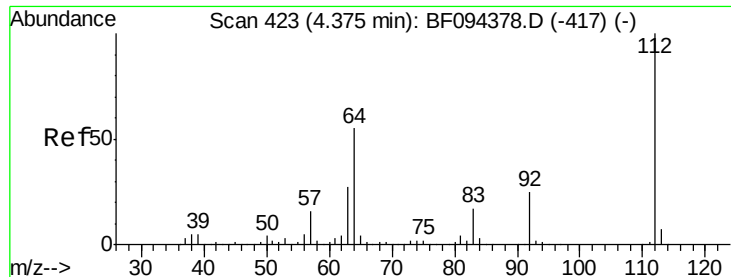


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 86.43 ng

RT: 4.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB98252BSD

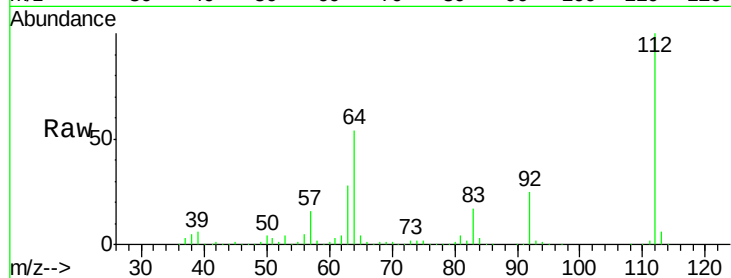
Tot Ion: 112 Resp: 680519

Ion Ratio Lower Upper

112 100

64 54.4 46.0 69.0

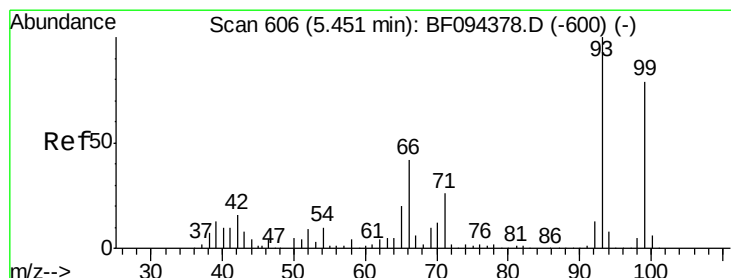
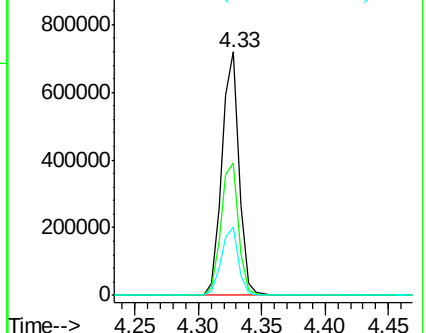
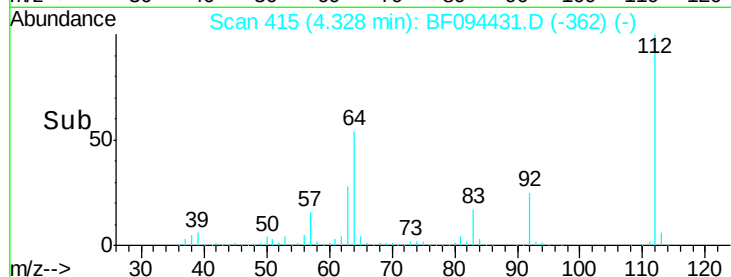
63 27.8 23.4 35.0



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: 18.01 ng

RT: 5.40 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

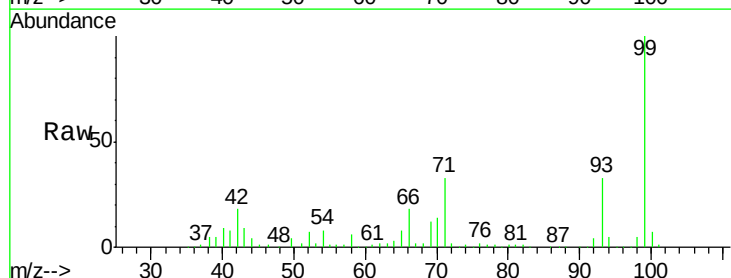
Tgt Ion: 93 Resp: 244099

Ion Ratio Lower Upper

93 100

66 52.8 32.9 49.3#

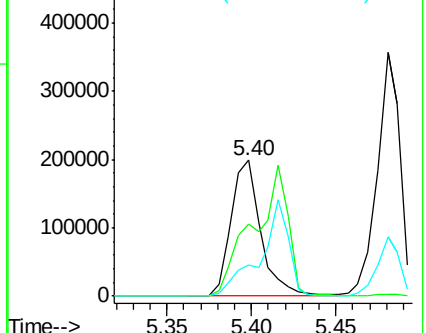
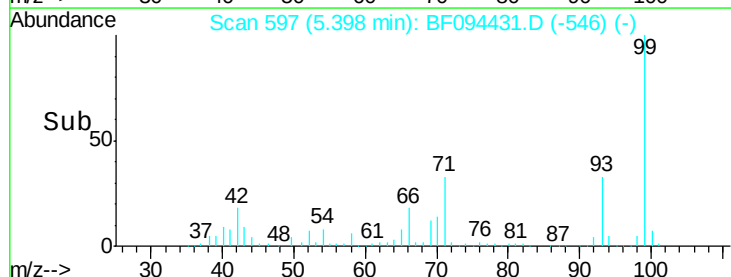
65 22.9 16.0 24.0

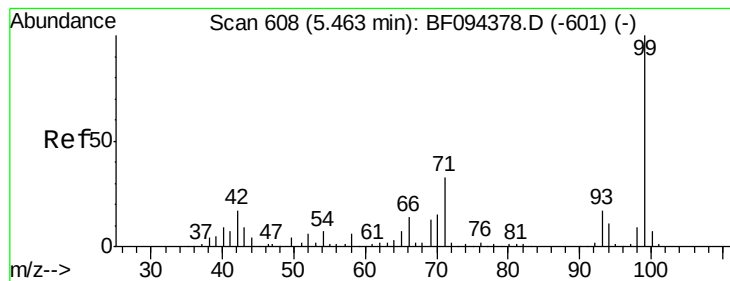


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.34 ng

RT: 5.40 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

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ClientSampleId :

PB98252BSD

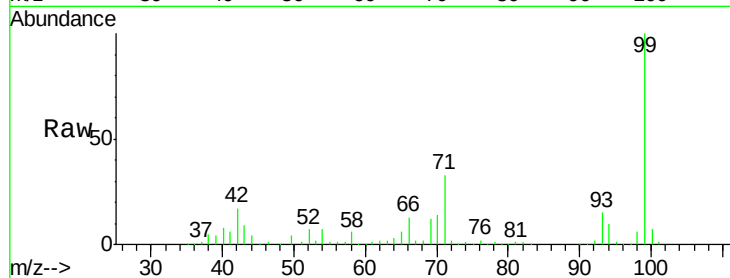
Tot Ion: 99 Resp: 831268

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

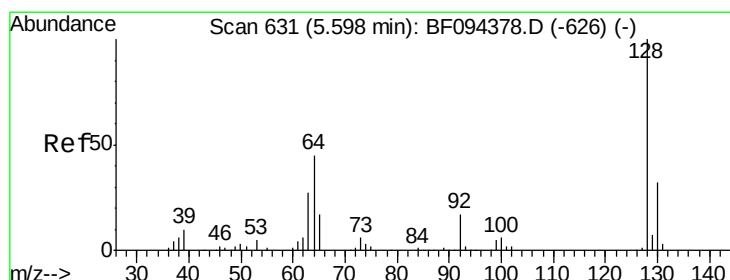
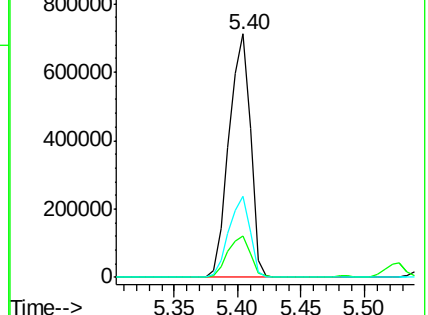
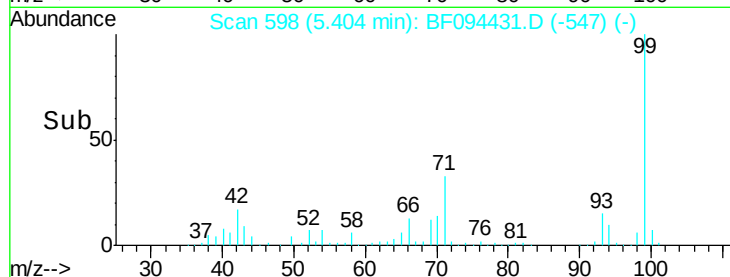
71 33.1 24.5 36.7



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: 43.35 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

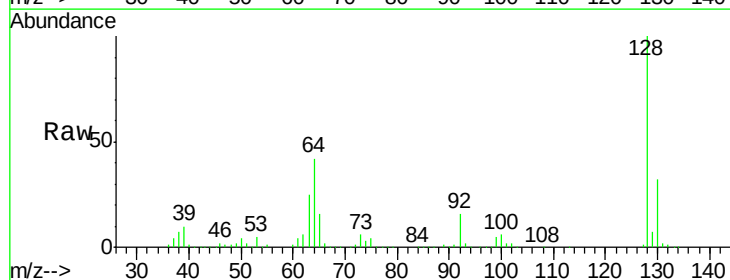
Tgt Ion: 128 Resp: 375199

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

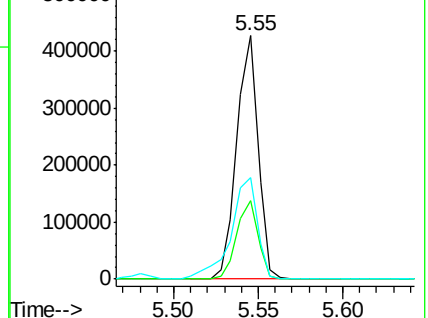
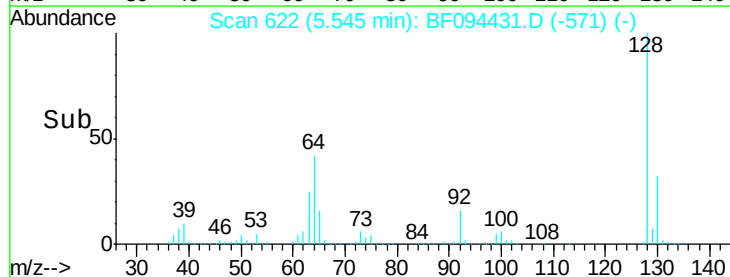
64 41.9 28.4 68.4

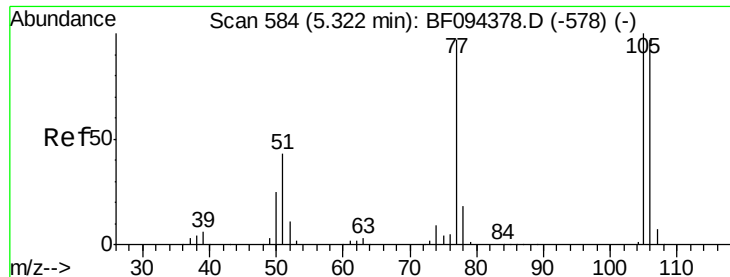


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.69 ng

RT: 5.26 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

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BNA_F

ClientSampleID :

PB98252BSD

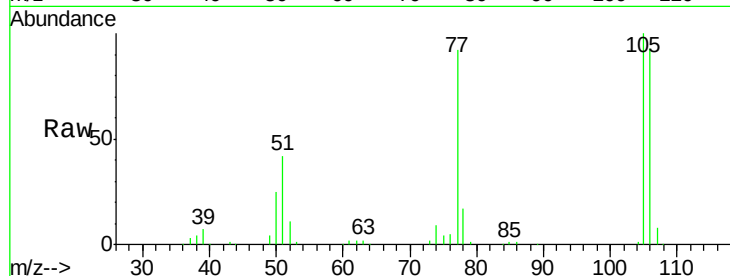
Tot Ion: 77 Resp: 90044

Ion Ratio Lower Upper

77 100

105 108.9 83.8 123.8

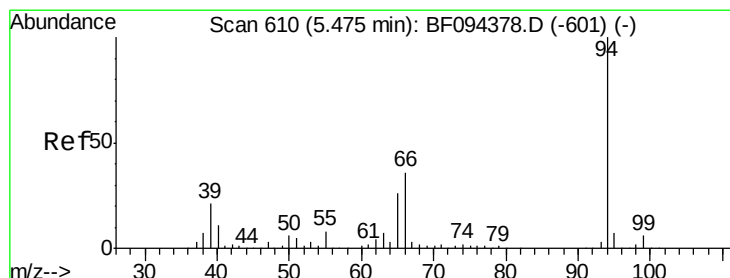
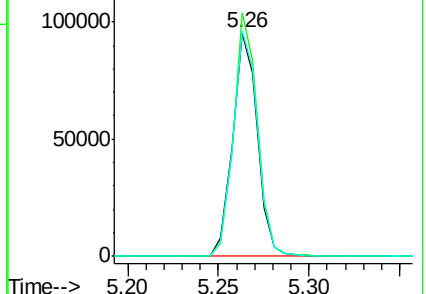
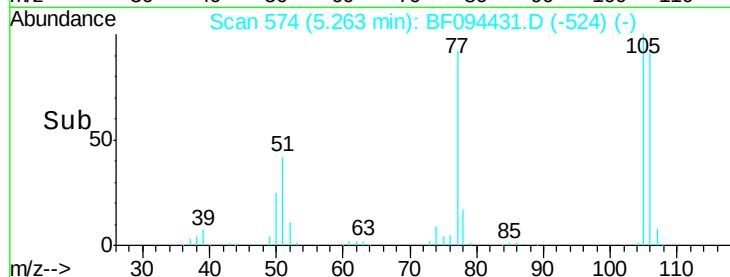
106 101.0 79.1 119.1



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: 40.19 ng

RT: 5.42 min Scan# 600

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

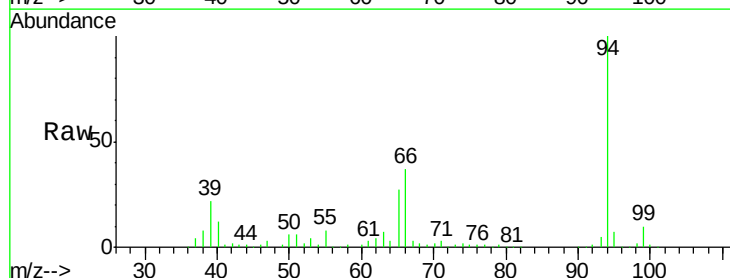
Tgt Ion: 94 Resp: 445550

Ion Ratio Lower Upper

94 100

65 27.4 9.9 49.9

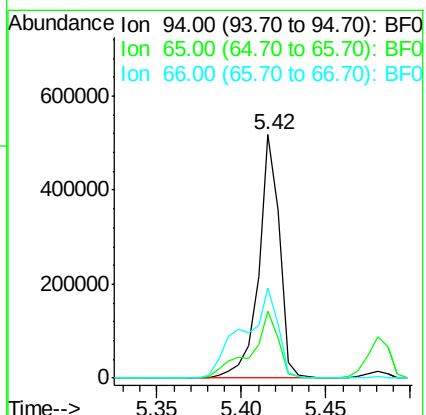
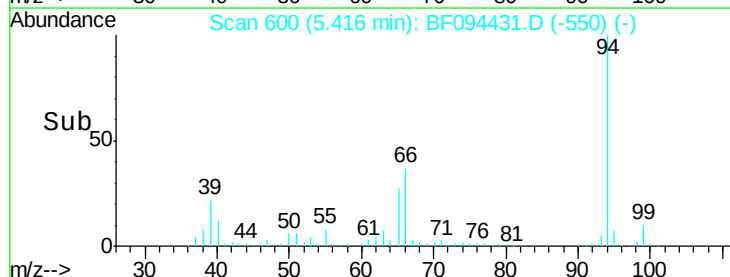
66 37.2 23.1 63.1

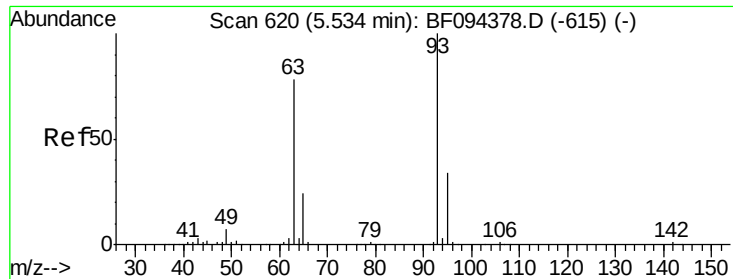


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

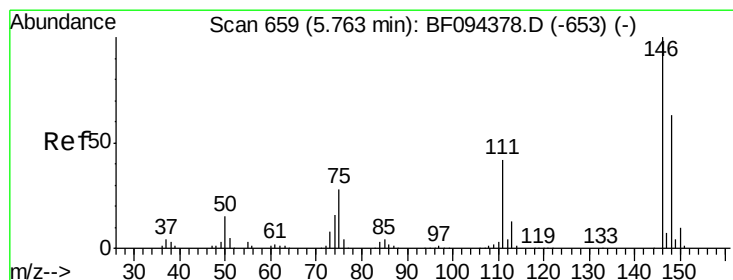
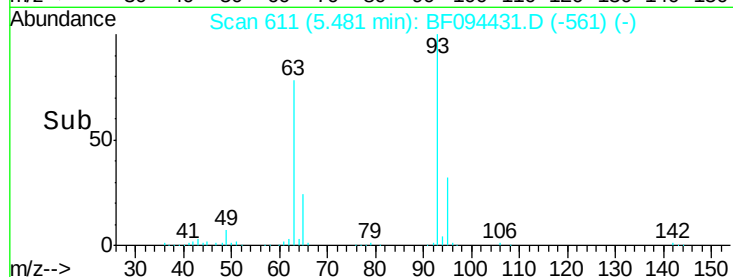
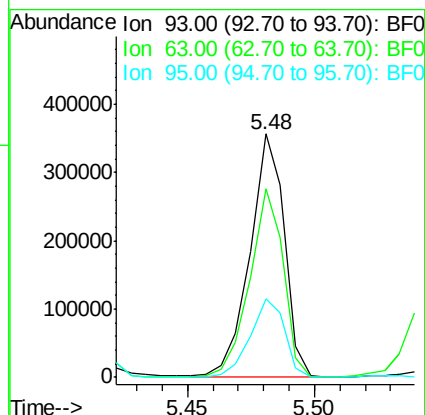
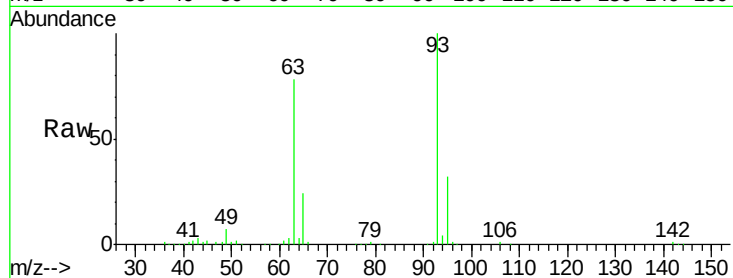




#11
bis(2-Chloroethyl)ether
Concen: 38.75 ng
RT: 5.48 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

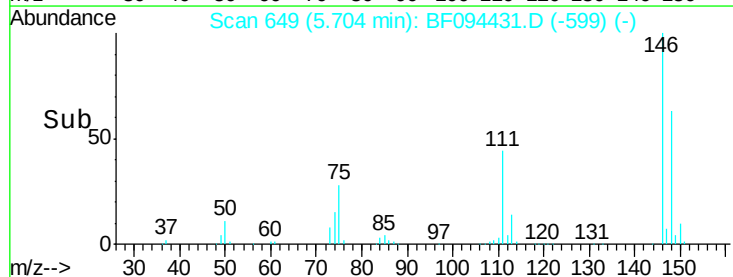
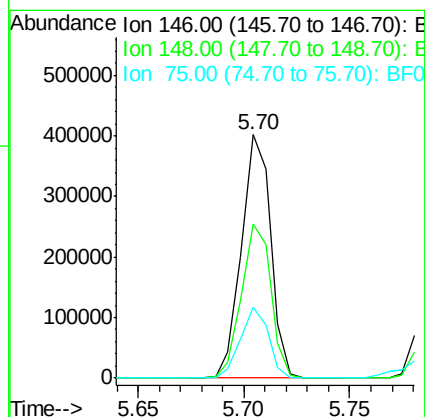
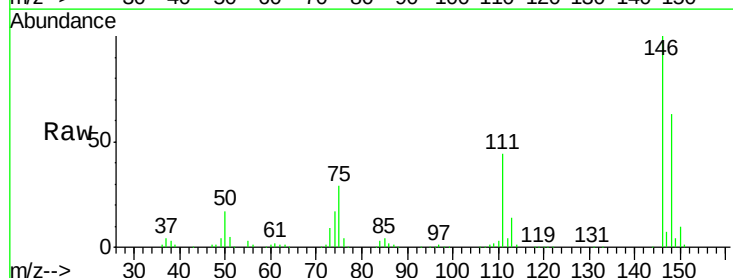
Instrument :
BNA_F
ClientSampleId :
PB98252BSD

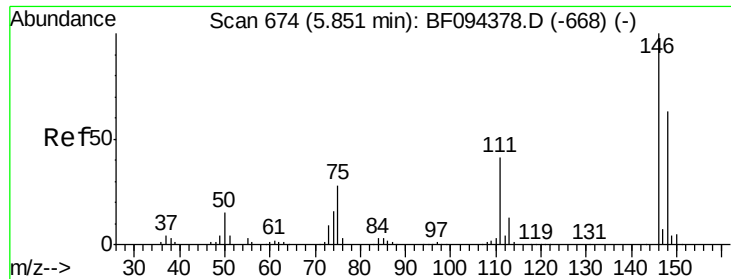
Tot Ion: 93 Resp: 335687
Ion Ratio Lower Upper
93 100
63 77.6 59.2 99.2
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.66 ng
RT: 5.70 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion: 146 Resp: 385047
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.6
75 29.1 23.1 34.7

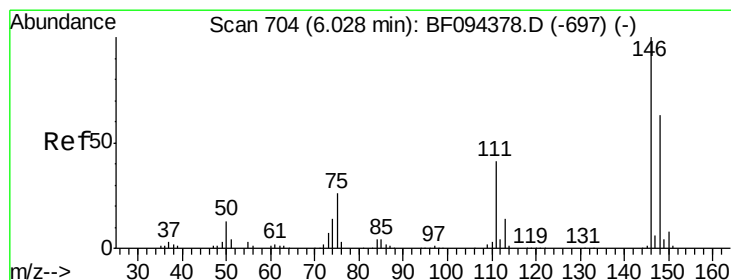
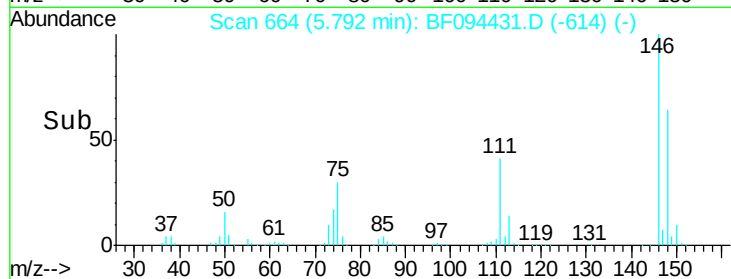
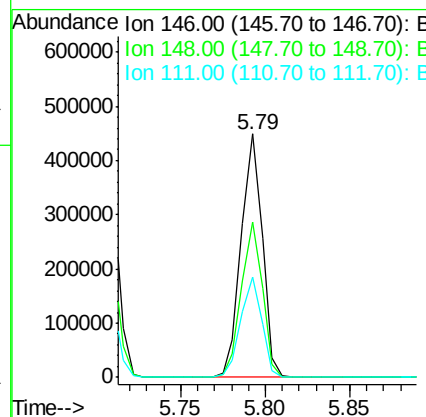
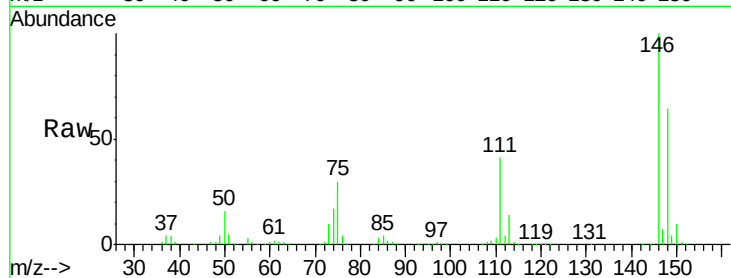




#13
 1,4-Dichlorobenzene
 Concen: 39.67 ng
 RT: 5.79 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

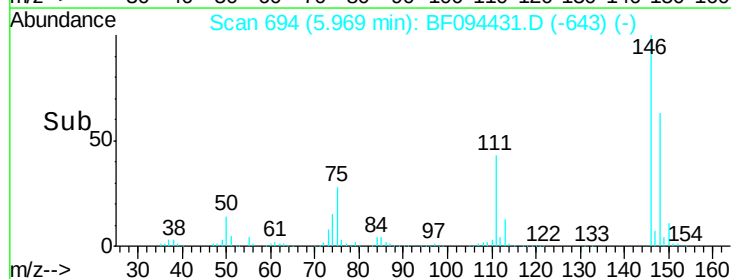
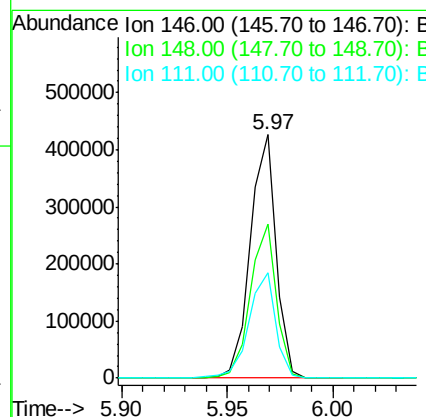
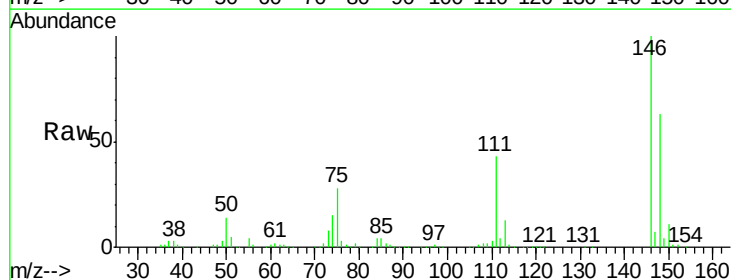
Instrument :
 BNA_F
 ClientSampleId :
 PB98252BSD

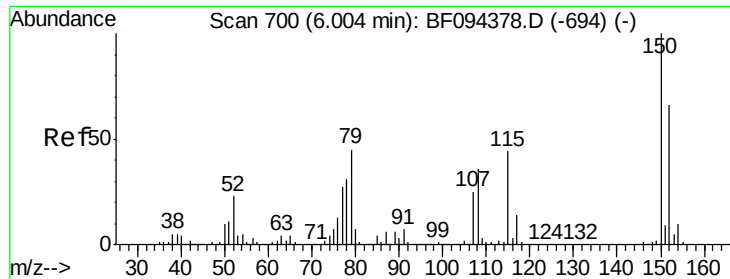
Tot Ion:146 Resp: 390073
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.2 78.2
 111 41.1 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 39.94 ng
 RT: 5.97 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:146 Resp: 361622
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 43.3 38.2 57.4

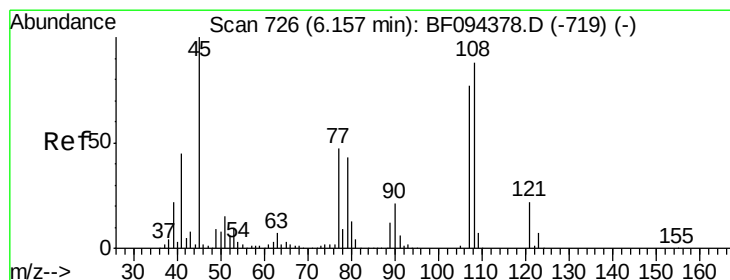
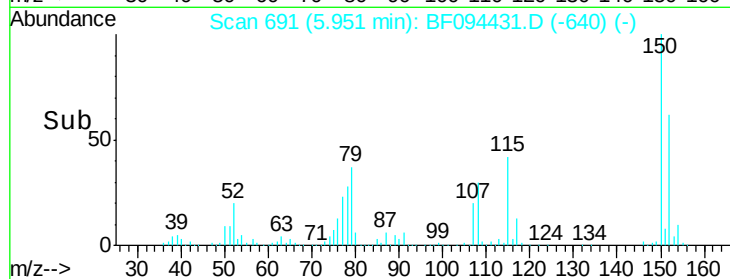
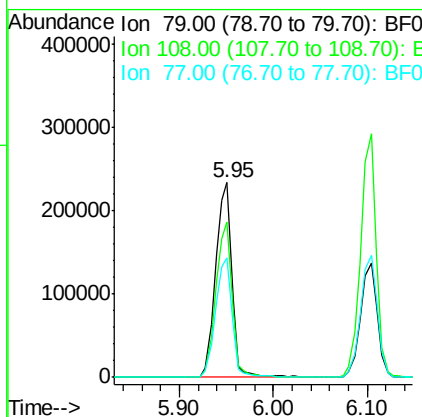
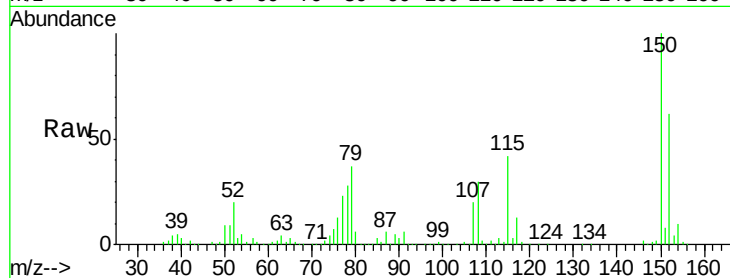




#15
Benzyl Alcohol
Concen: 40.08 ng
RT: 5.95 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

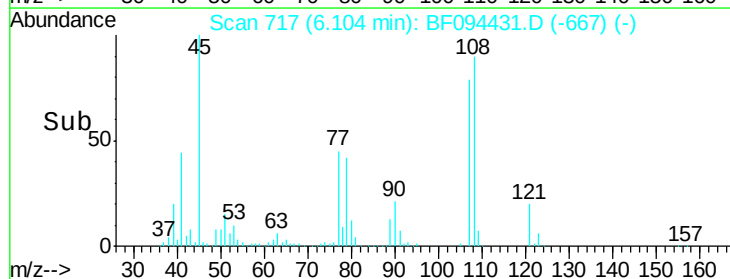
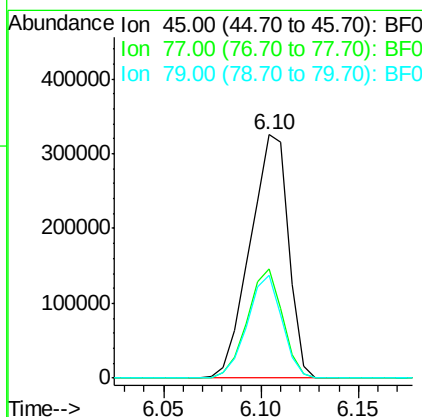
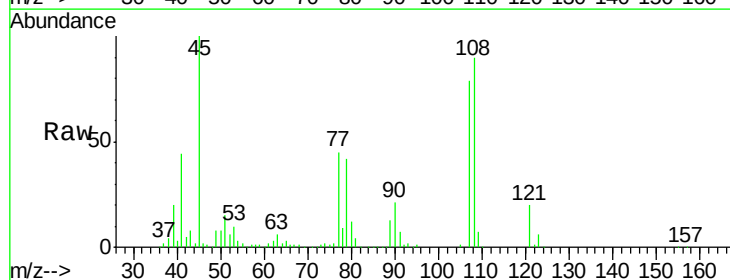
Instrument :
BNA_F
ClientSampleId :
PB98252BSD

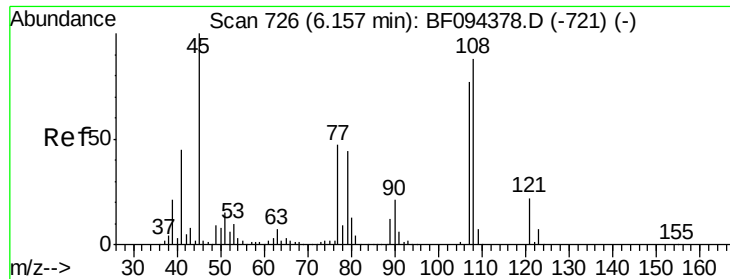
Tot Ion: 79 Resp: 285738
Ion Ratio Lower Upper
79 100
108 80.1 63.4 95.0
77 61.5 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.11 ng
RT: 6.10 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion: 45 Resp: 441934
Ion Ratio Lower Upper
45 100
77 45.0 0.0 33.2#
79 42.4 0.0 30.0#

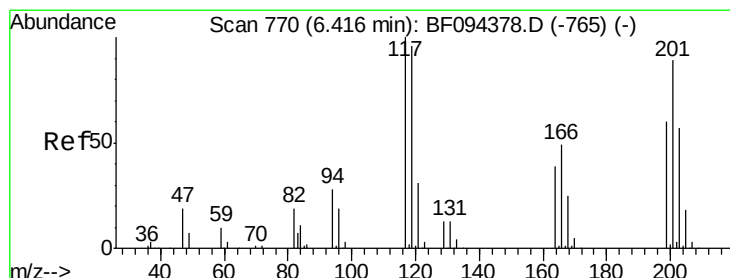
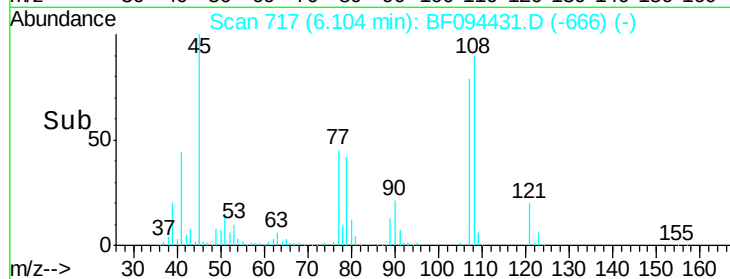
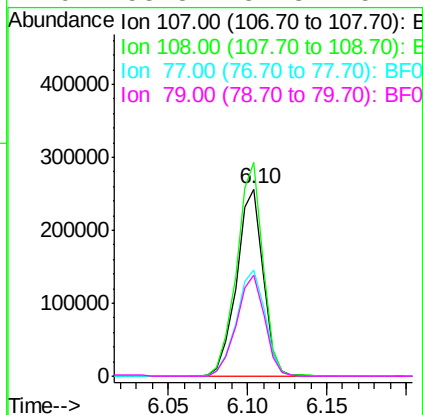
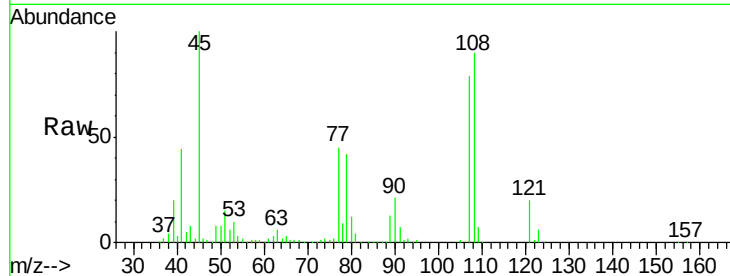




#17
2-Methylphenol
Concen: 40.06 ng
RT: 6.10 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

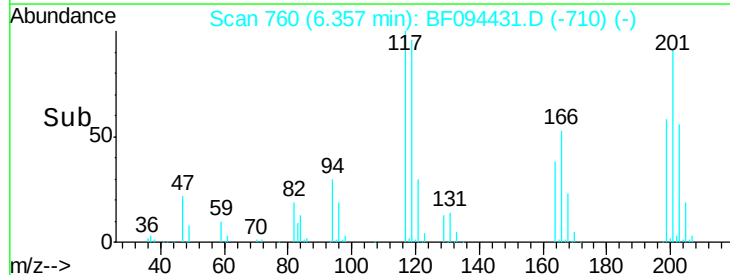
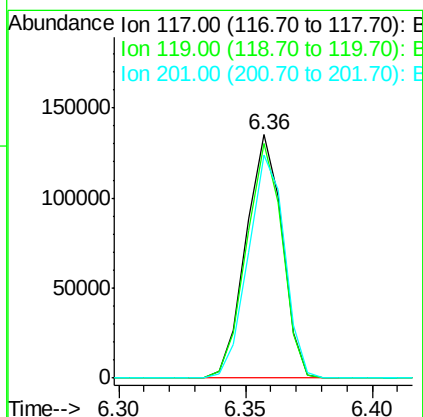
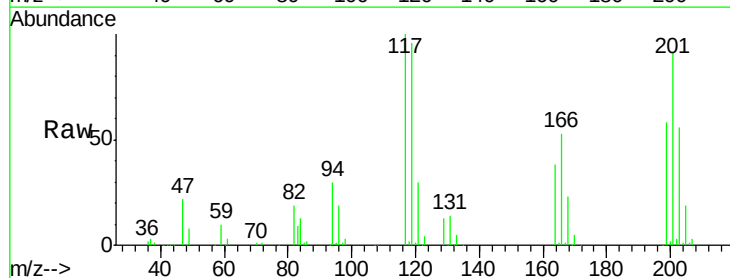
Instrument :
BNA_F
ClientSampleId :
PB98252BSD

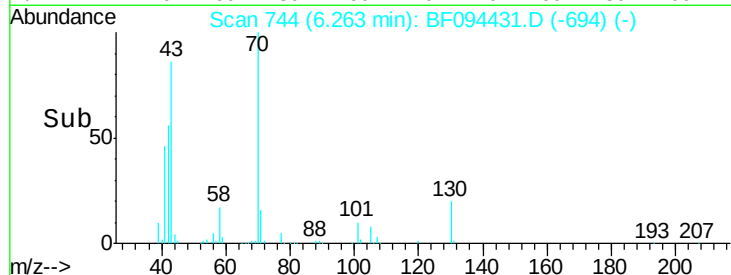
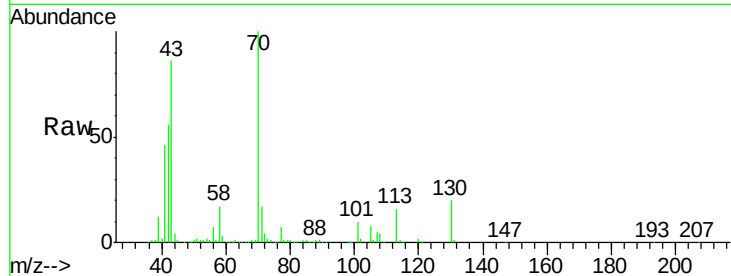
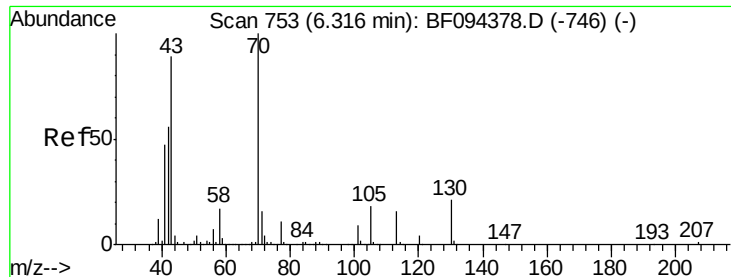
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	93.4	140.0
77	57.2	35.8	53.6#
79	53.8	34.8	52.2#



#18
Hexachloroethane
Concen: 39.09 ng
RT: 6.36 min Scan# 760
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.0
201	91.4	94.6	141.8#

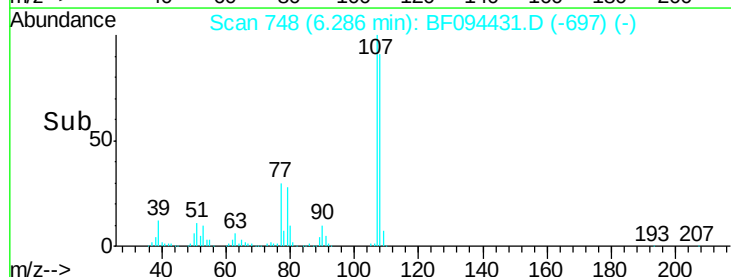
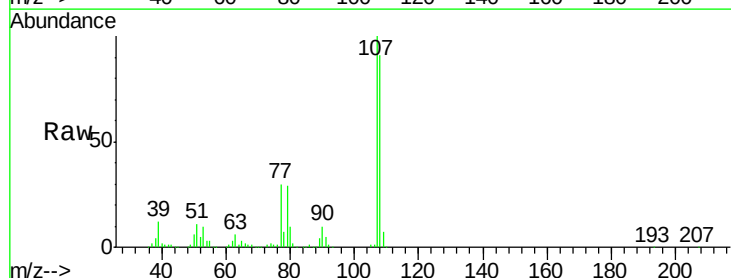
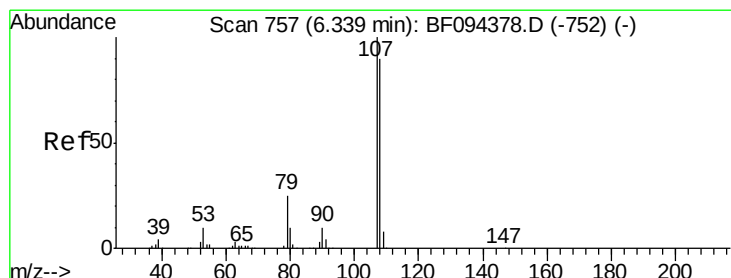
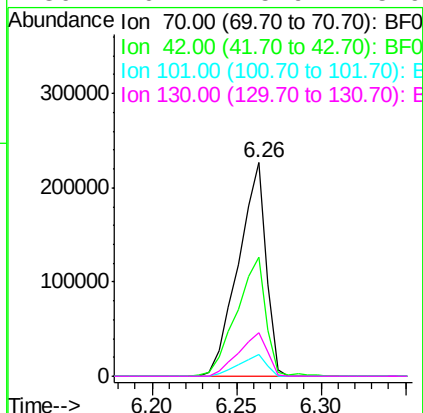




#19
n-Nitroso-di-n-propylamine
Concen: 41.55 ng
RT: 6.26 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

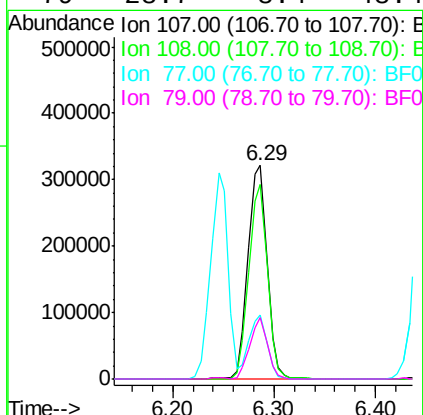
Instrument :
BNA_F
ClientSampleId :
PB98252BSD

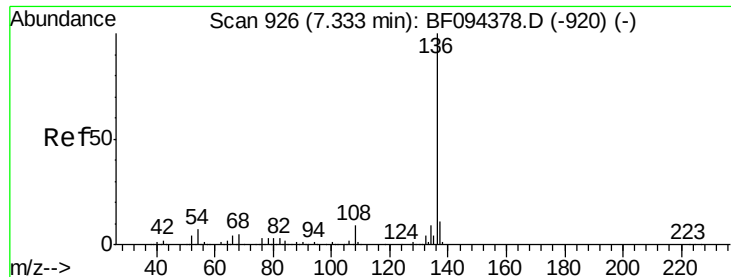
Tot Ion:	70	Resp:	260116
Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.2	70.8
101	10.0	7.2	10.8
130	20.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 47.36 ng
RT: 6.29 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:	107	Resp:	425124
Ion	Ratio	Lower	Upper
107	100		
108	91.0	71.0	111.0
77	30.0	90.5	130.5#
79	28.7	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB98252BSD

Tot Ion:136 Resp: 536491

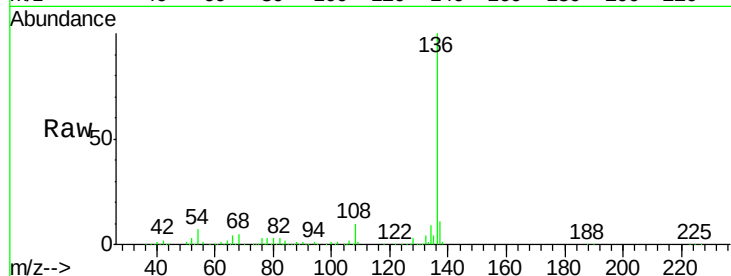
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.6 4.9 7.3

68 5.5 4.1 6.1

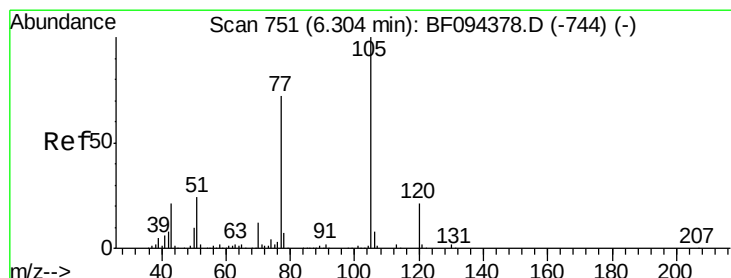
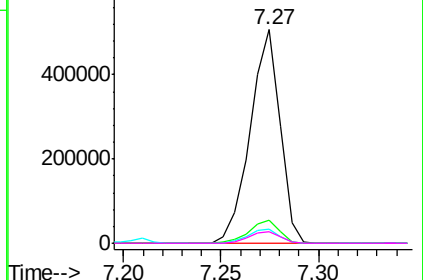
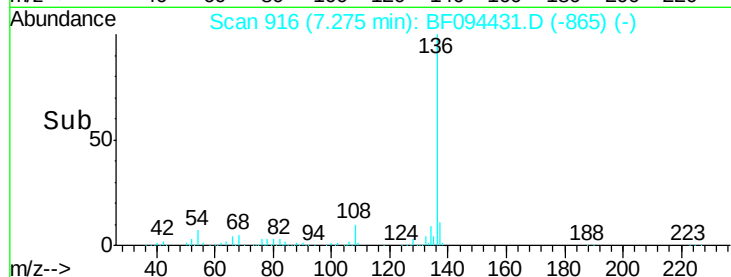


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.85 ng

RT: 6.25 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Tgt Ion:105 Resp: 512353

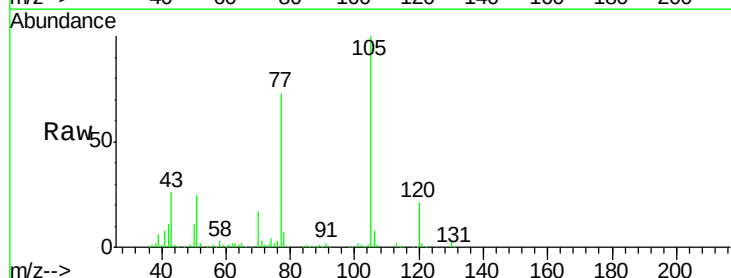
Ion Ratio Lower Upper

105 100

71 2.9 2.8 4.2

51 24.7 30.7 46.1#

120 21.2 17.4 26.0

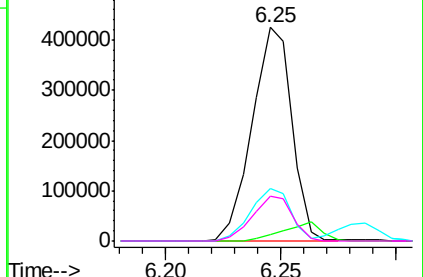
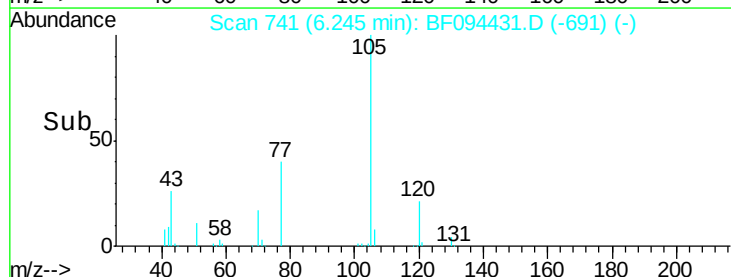


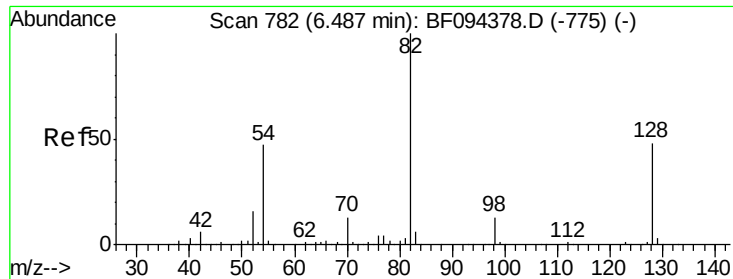
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

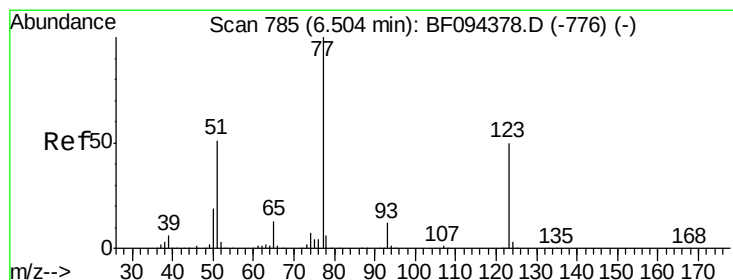
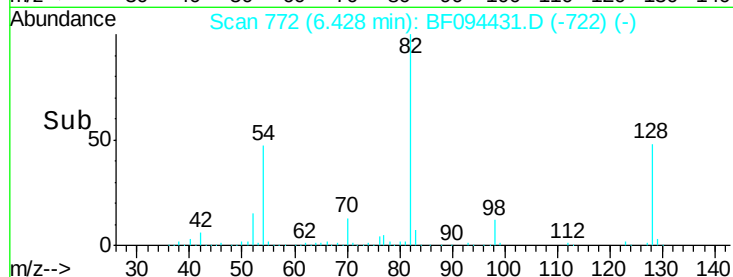
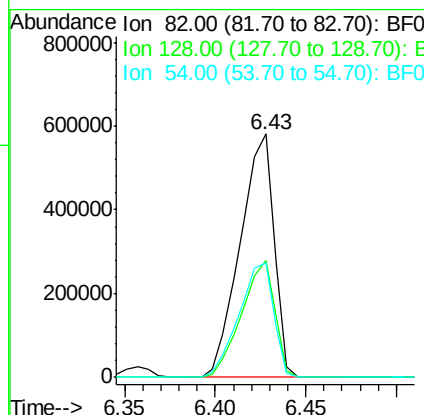
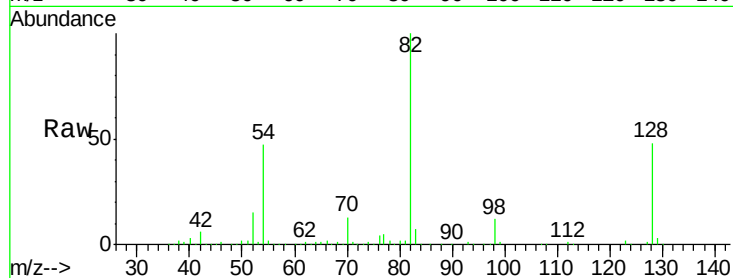




#23
 Nitrobenzene-d5
 Concen: 80.64 ng
 RT: 6.43 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

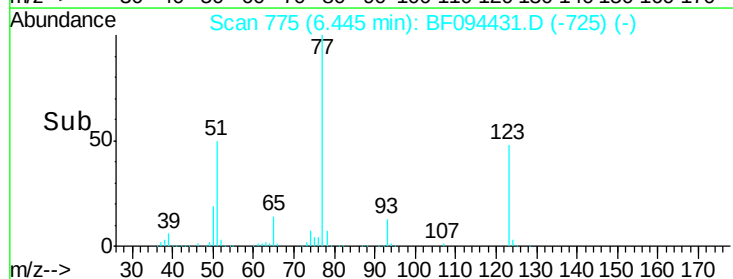
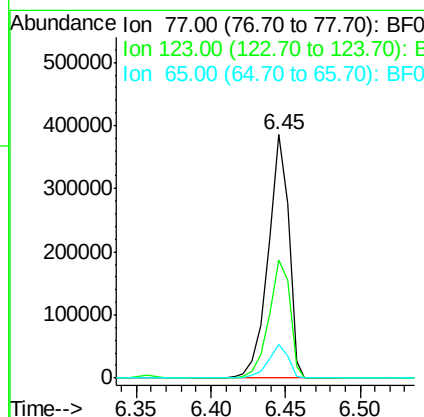
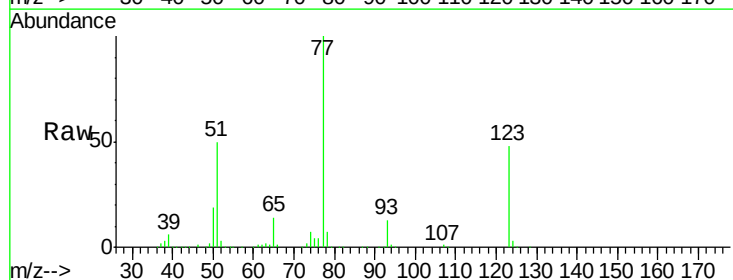
Instrument :
 BNA_F
 ClientSampleId :
 PB98252BSD

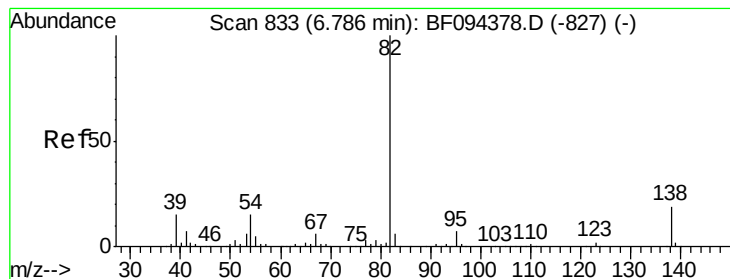
Tot Ion	82	Resp	758117
Ion Ratio	100	Lower	Upper
128	48.0	34.0	51.0
54	46.9	42.2	63.2



#24
 Nitrobenzene
 Concen: 39.43 ng
 RT: 6.45 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion	77	Resp	365622
Ion Ratio	100	Lower	Upper
123	48.3	35.8	53.8
65	13.6	10.6	15.8





#25

Isophorone

Concen: 40.33 ng

RT: 6.73 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB98252BSD

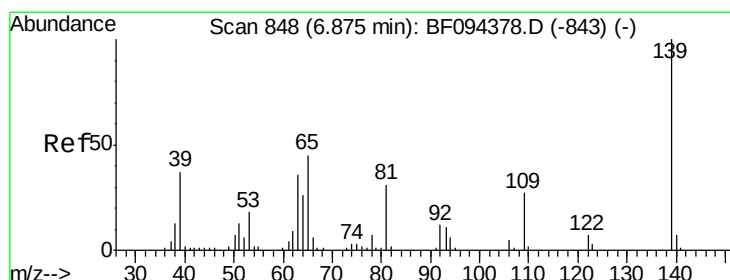
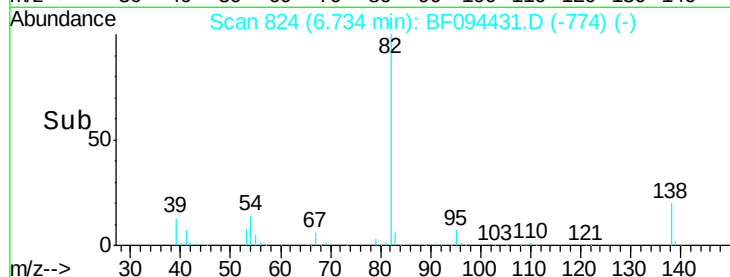
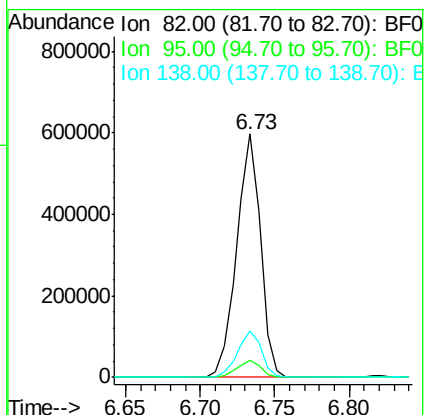
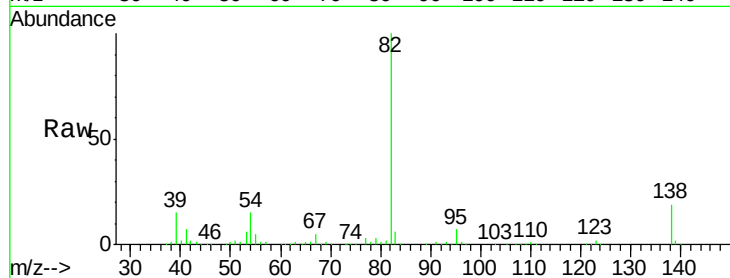
Tot Ion: 82 Resp: 666167

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.2 13.1 19.7



#26

2-Nitrophenol

Concen: 47.31 ng

RT: 6.82 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

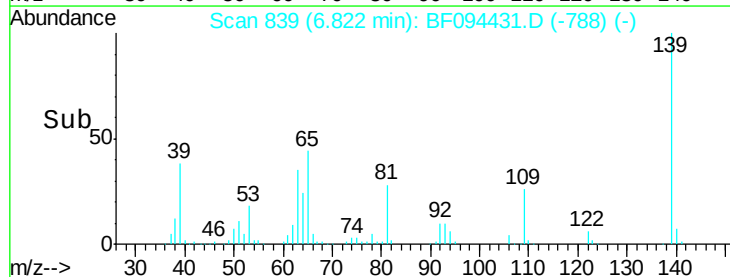
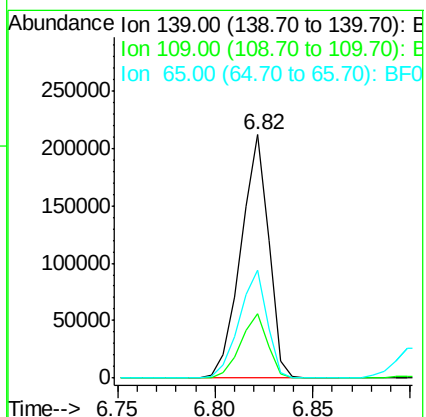
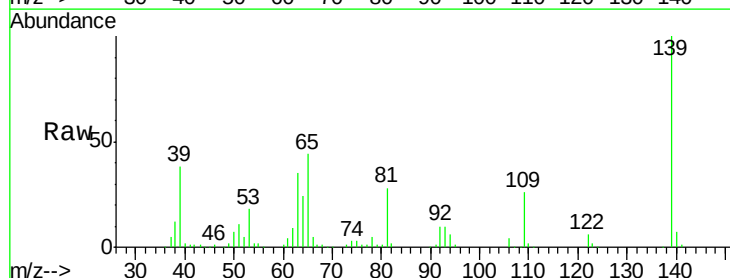
Tgt Ion: 139 Resp: 209187

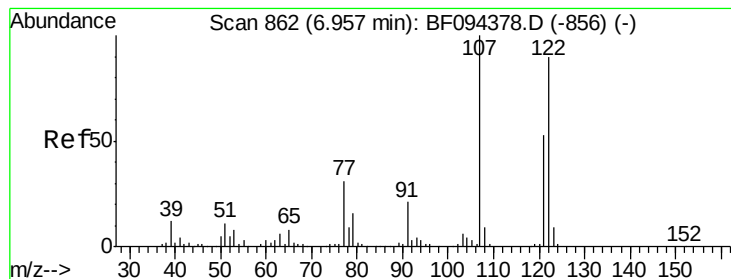
Ion Ratio Lower Upper

139 100

109 26.4 21.0 31.6

65 44.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 44.33 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB98252BSD

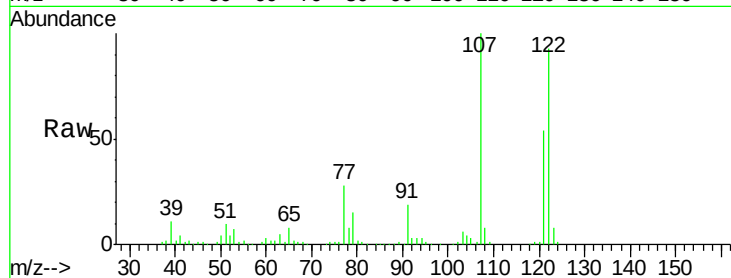
Tot Ion:122 Resp: 337709

Ion Ratio Lower Upper

122 100

107 107.3 89.2 133.8

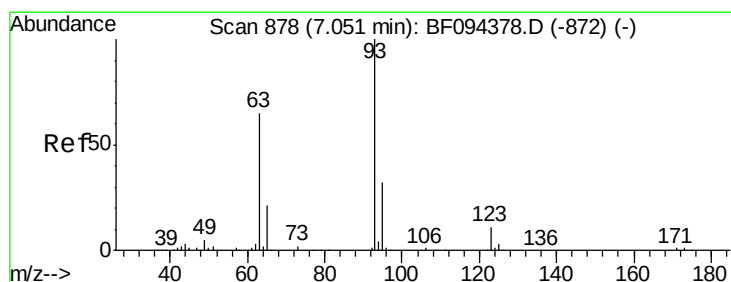
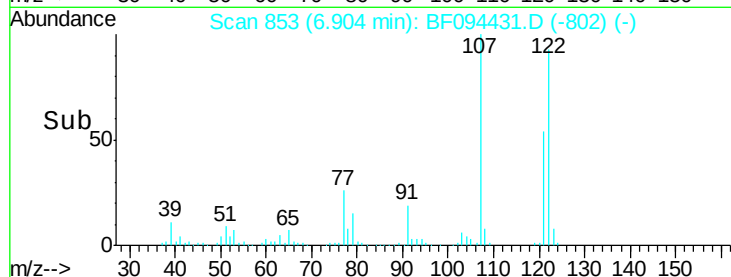
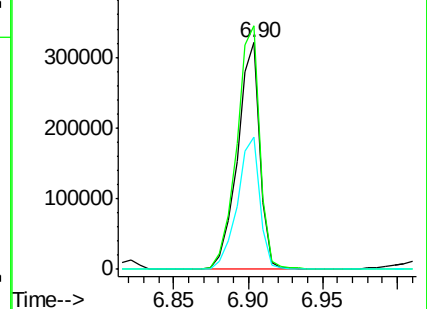
121 58.2 45.2 67.8



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: 39.97 ng

RT: 7.00 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

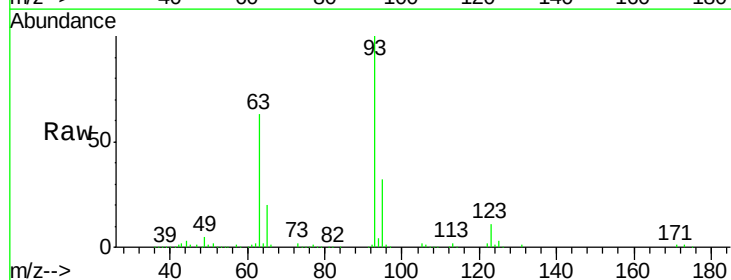
Tgt Ion: 93 Resp: 435390

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

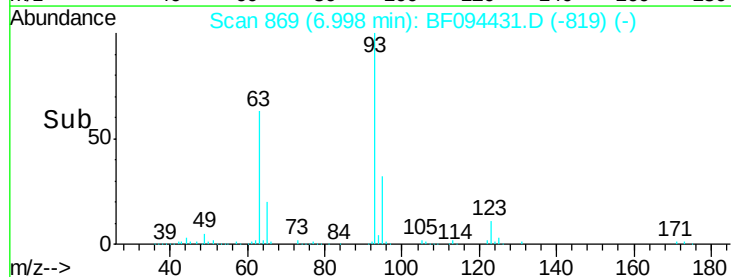
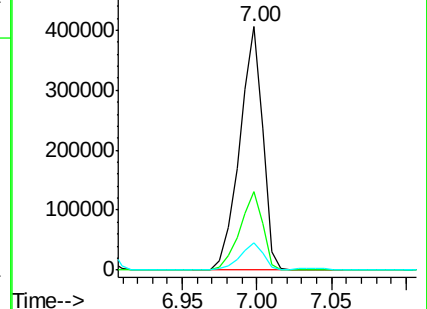
123 11.2 9.0 13.4

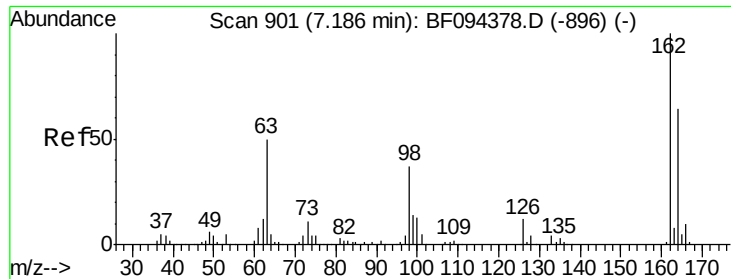


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

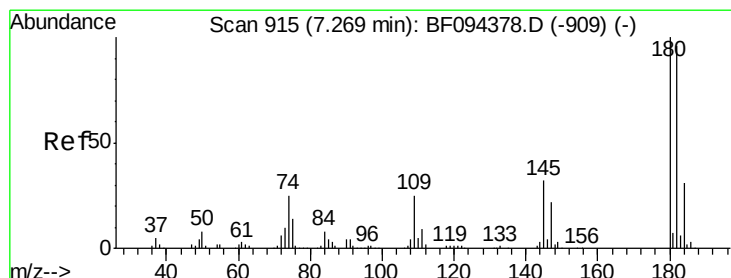
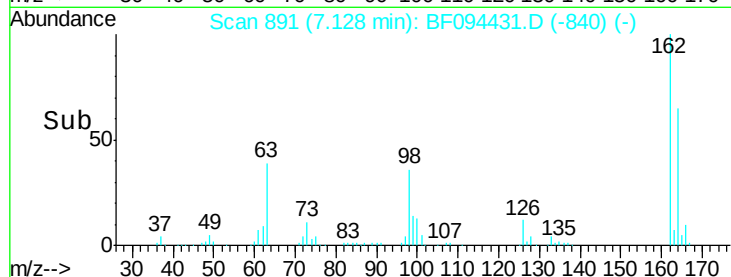
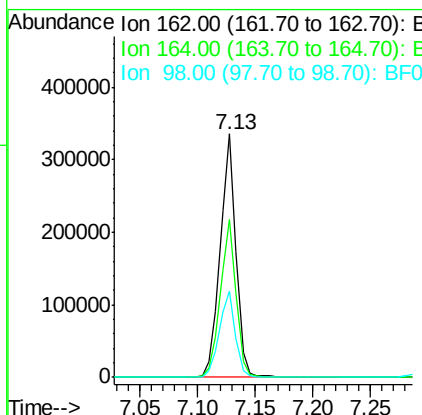
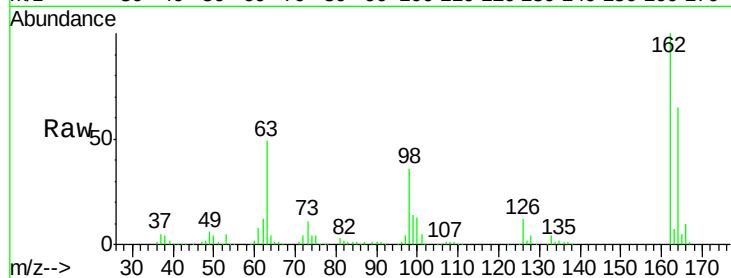




#29
 2,4-Dichlorophenol
 Concen: 44.88 ng
 RT: 7.13 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

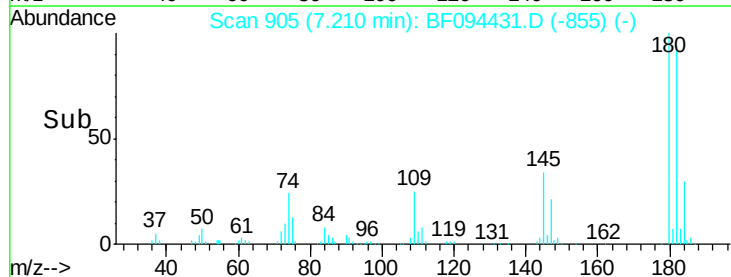
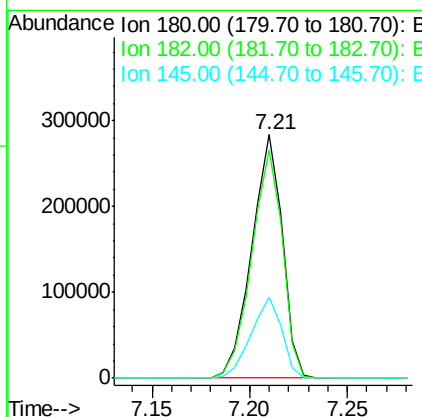
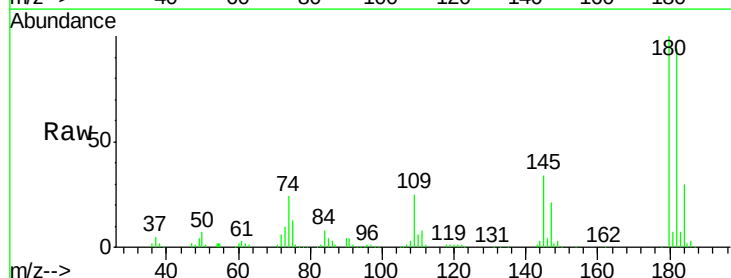
Instrument :
 BNA_F
 ClientSampleId :
 PB98252BSD

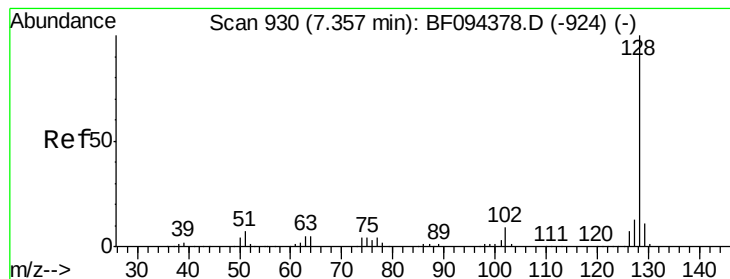
Tot Ion:162 Resp: 319713
 Ion Ratio Lower Upper
 162 100
 164 64.7 44.6 84.6
 98 35.5 14.8 54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 41.95 ng
 RT: 7.21 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:180 Resp: 307745
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.8 113.6
 145 33.5 25.3 37.9





#31

Naphthalene

Concen: 40.48 ng

RT: 7.30 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB98252BSD

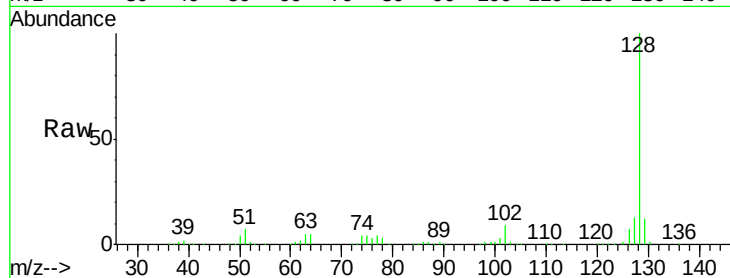
Tot Ion:128 Resp: 1044234

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.6

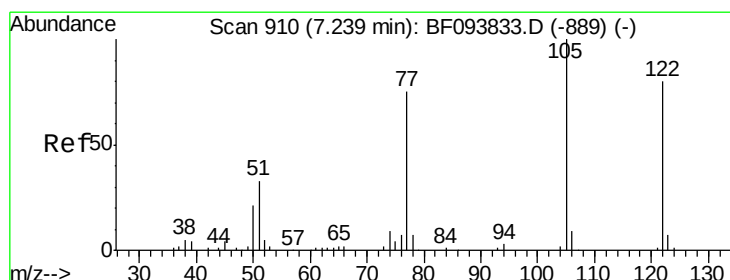
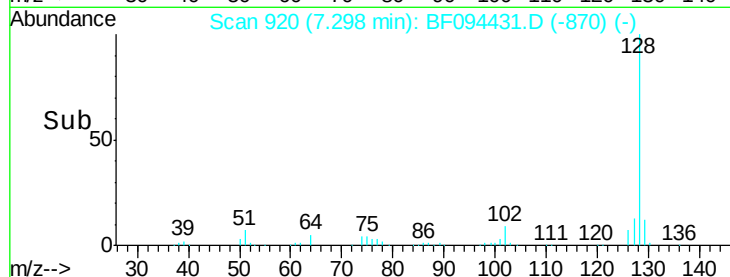
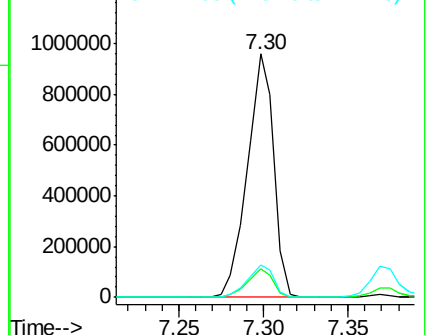
127 13.3 10.8 16.2



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: 12.89 ng

RT: 7.04 min Scan# 876

Delta R.T. -0.04 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

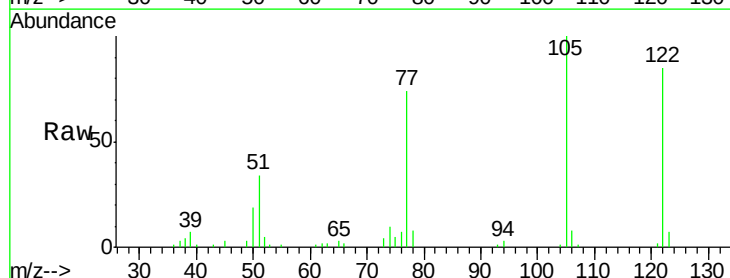
Tgt Ion:122 Resp: 65367

Ion Ratio Lower Upper

122 100

105 117.8 103.3 143.3

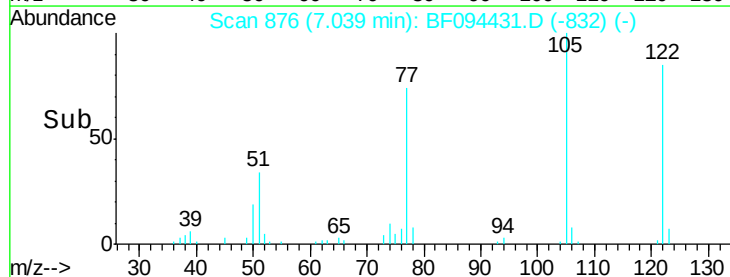
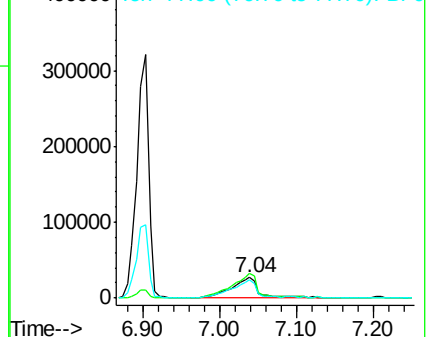
77 87.3 73.7 113.7

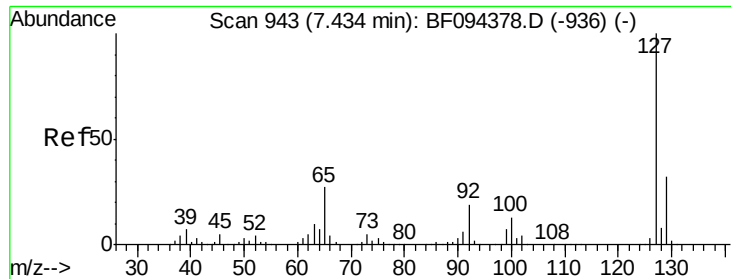


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

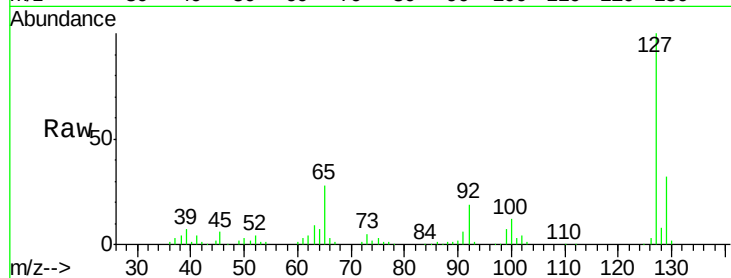




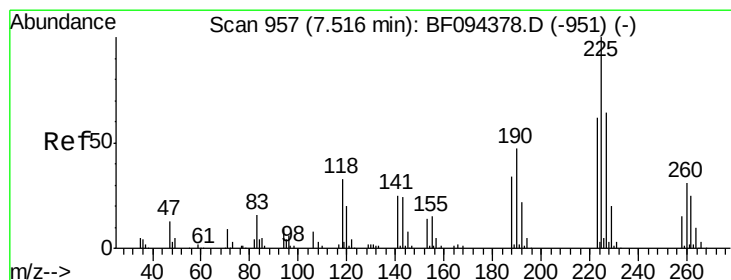
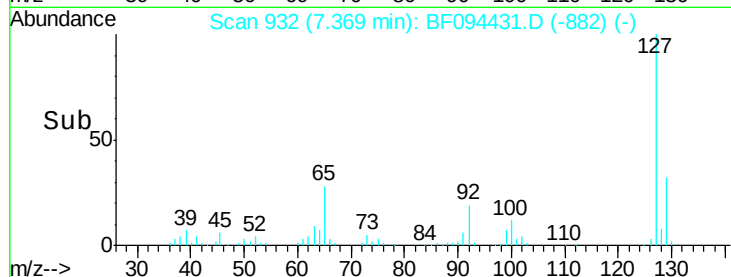
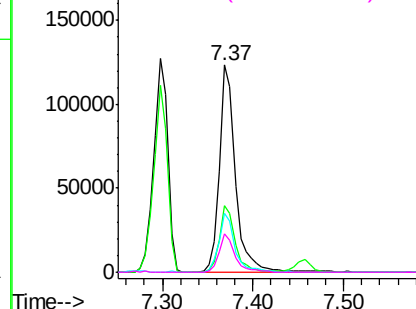
#33
4-Chloroaniline
Concen: 14.52 ng
RT: 7.37 min Scan# 932
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
PB98252BSD

Tot Ion:	127	Resp:	151798
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	28.3	27.8	41.8
92	18.7	16.8	25.2

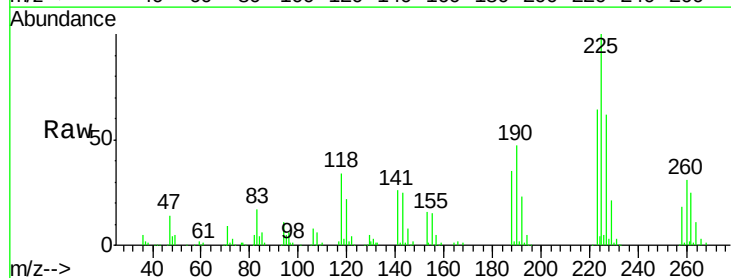


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

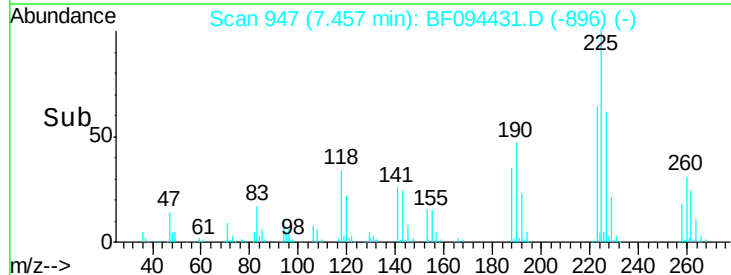
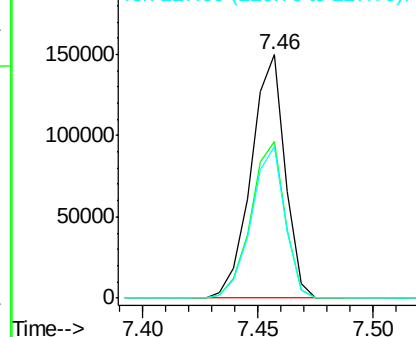


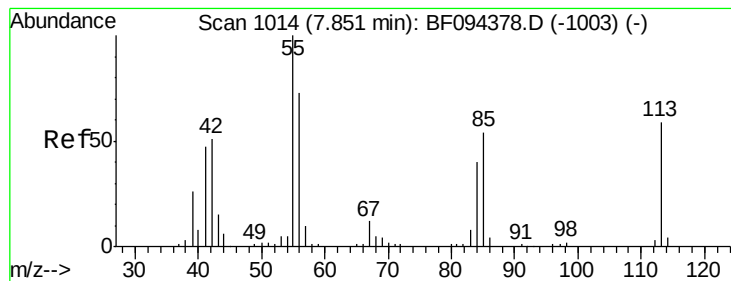
#34
Hexachlorobutadiene
Concen: 40.79 ng
RT: 7.46 min Scan# 947
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:	225	Resp:	153467
Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.8	73.2
227	62.1	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: 45.60 ng/mL

RT: 7.82 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleID :

PB98252BSD

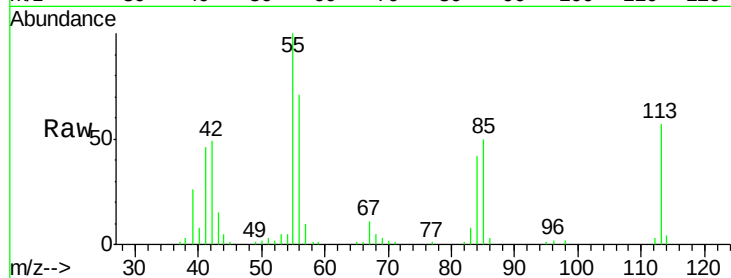
Tot Ion:113 Resp: 103577

Ion Ratio Lower Upper

113 100

55 176.5 150.2 190.2

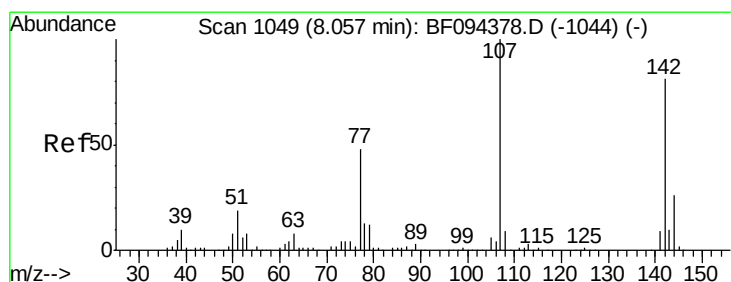
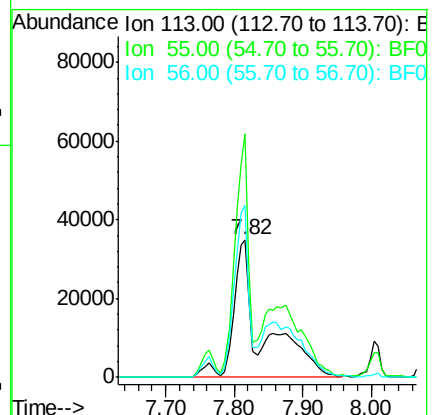
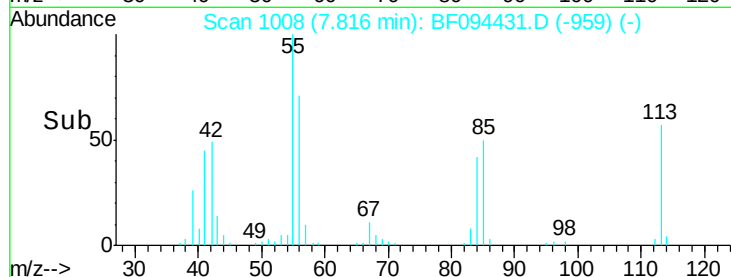
56 125.1 107.8 147.8



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: 45.86 ng/mL

RT: 8.00 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

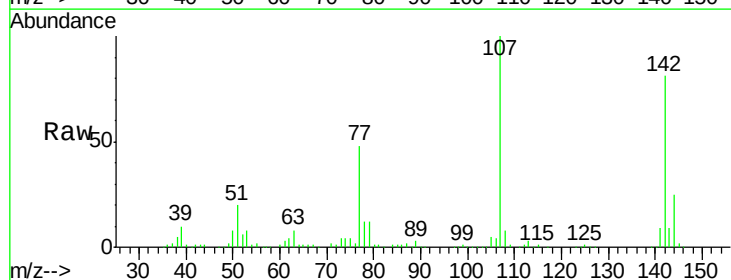
Tgt Ion:107 Resp: 341379

Ion Ratio Lower Upper

107 100

144 24.7 24.2 36.4

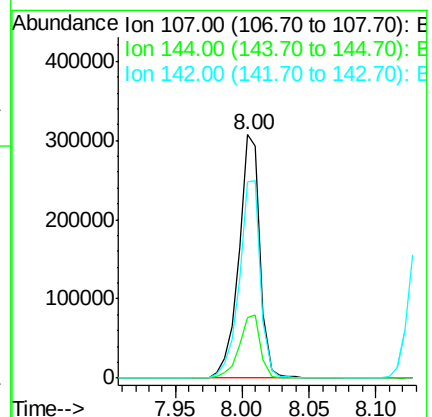
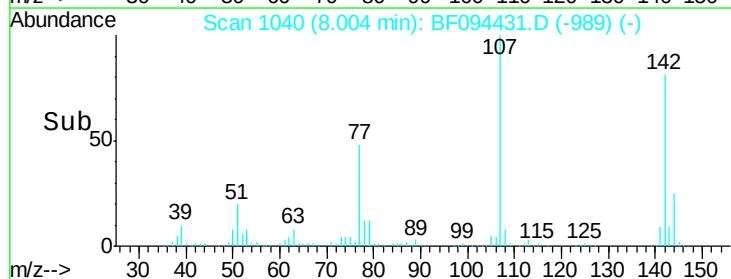
142 80.6 73.4 110.0

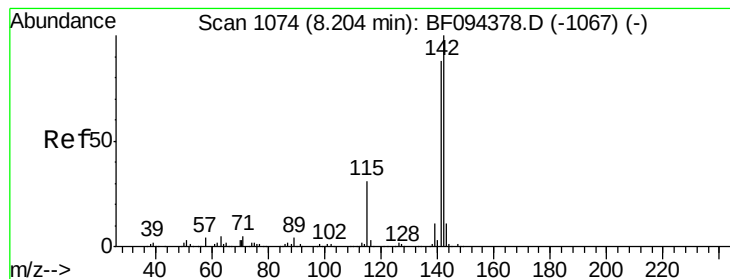


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.90 ng

RT: 8.15 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB98252BSD

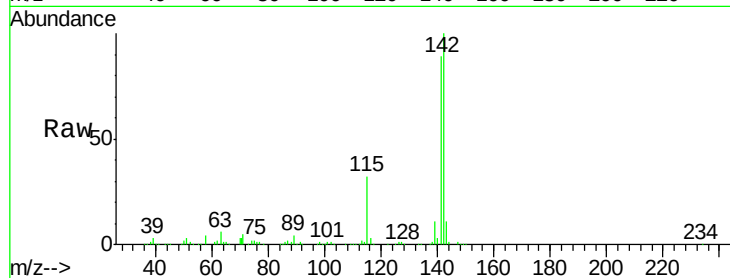
Tot Ion:142 Resp: 737754

Ion Ratio Lower Upper

142 100

141 88.7 71.3 106.9

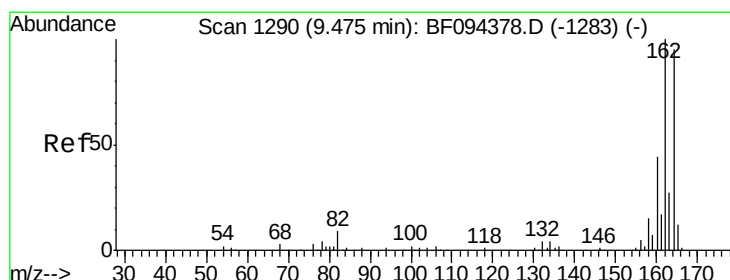
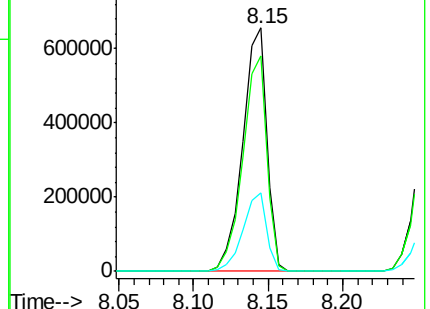
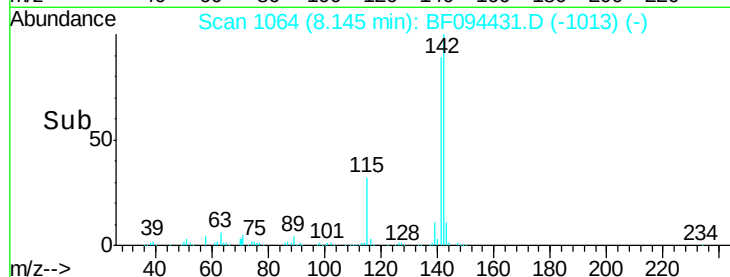
115 32.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.41 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

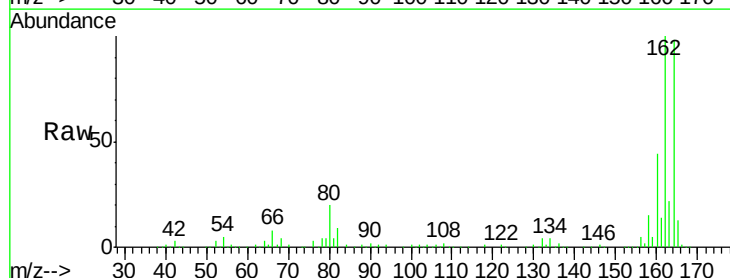
Tgt Ion:164 Resp: 255650

Ion Ratio Lower Upper

164 100

162 102.1 82.6 123.8

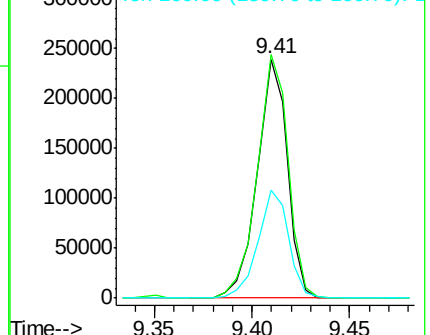
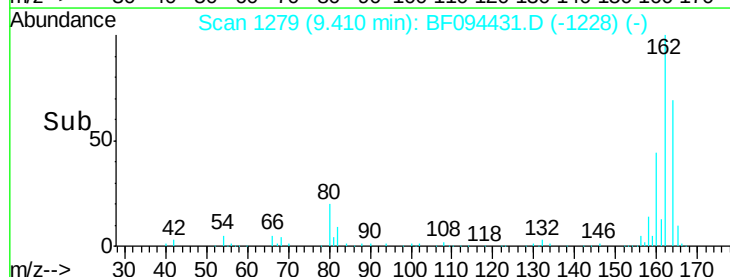
160 45.0 36.2 54.2

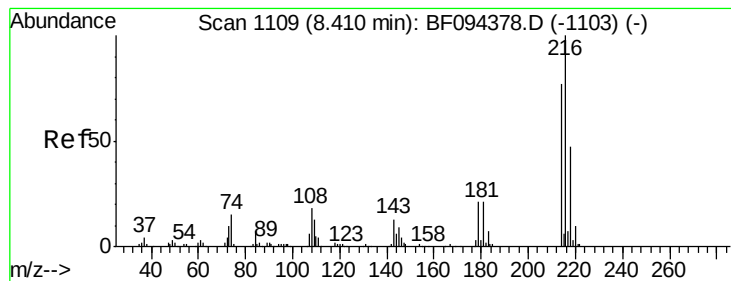


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.88 ng

RT: 8.35 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB98252BSD

Tot Ion:216 Resp: 278875

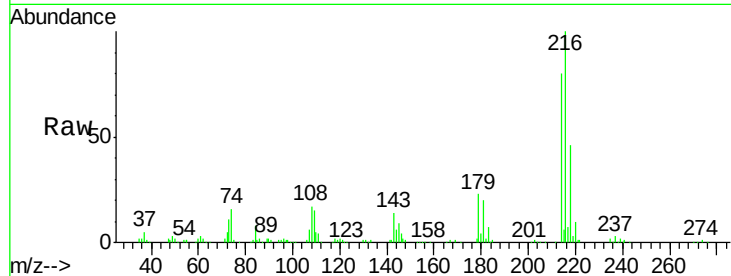
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.2

179 22.6 17.9 26.9

108 21.4 16.5 24.7

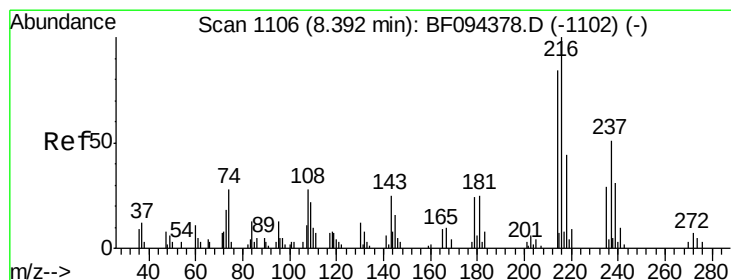
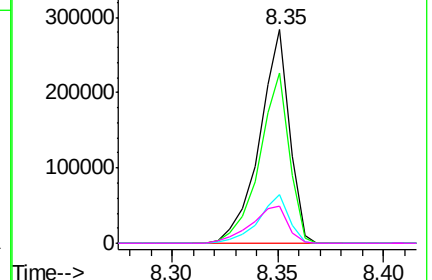
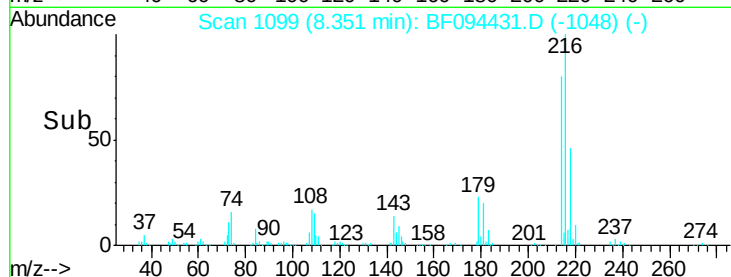


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.92 ng

RT: 8.34 min Scan# 1097

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

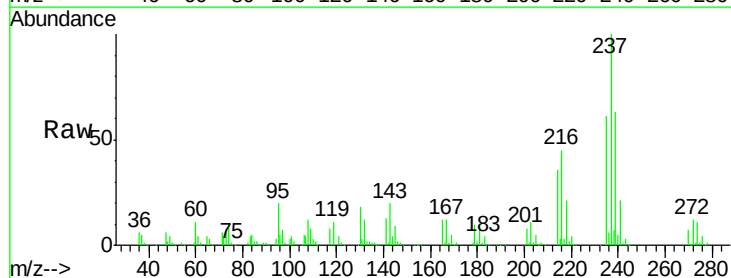
Tgt Ion:237 Resp: 248462

Ion Ratio Lower Upper

237 100

235 60.8 42.6 82.6

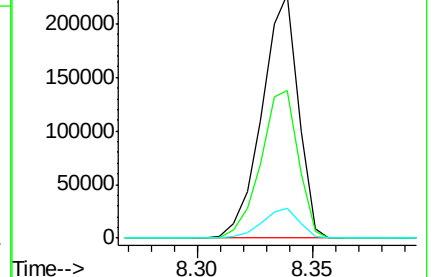
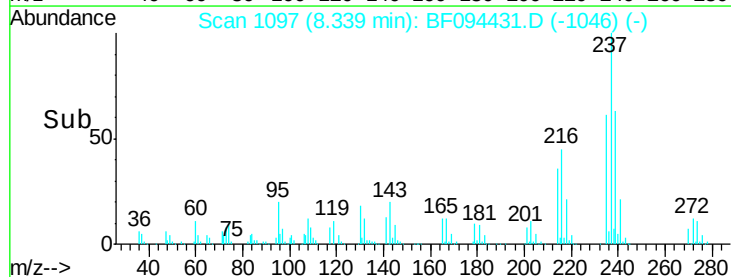
272 12.4 0.0 31.9

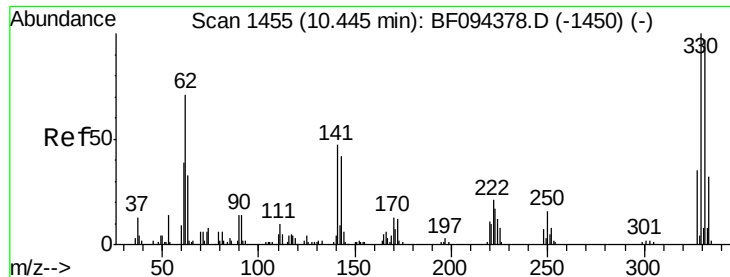


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

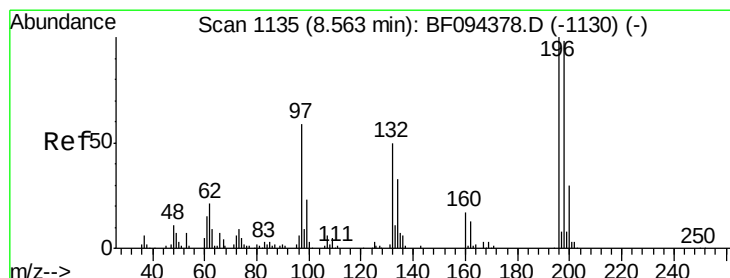
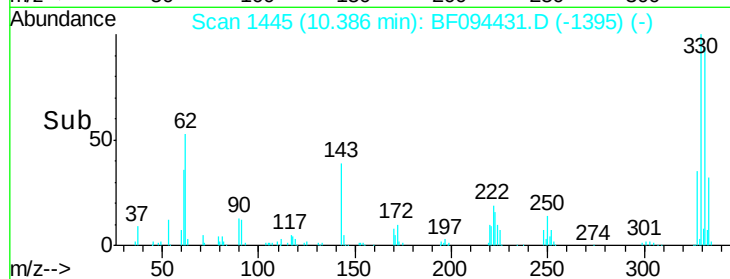
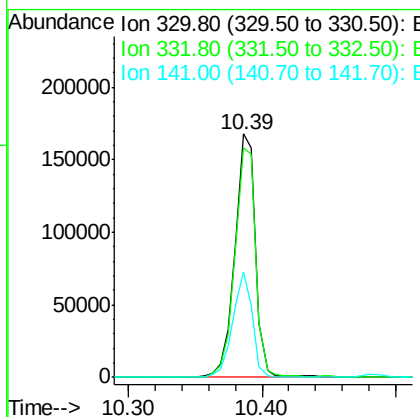
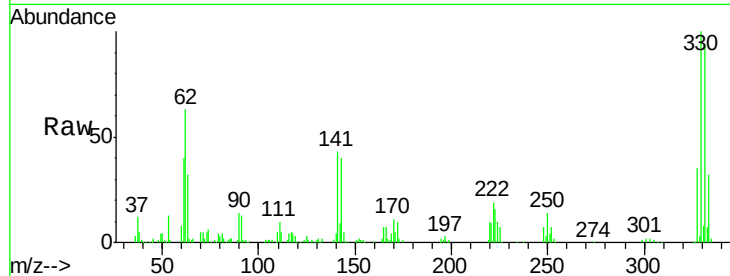




#41
 2,4,6-Tribromophenol
 Concen: 90.30 ng
 RT: 10.39 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

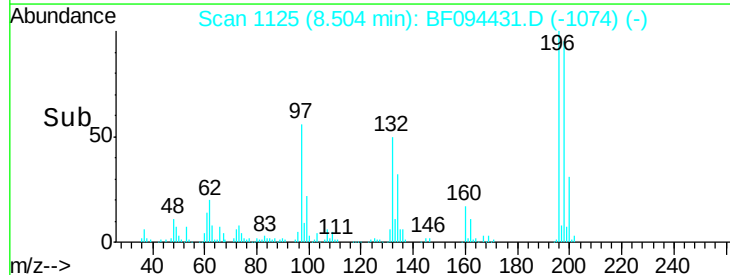
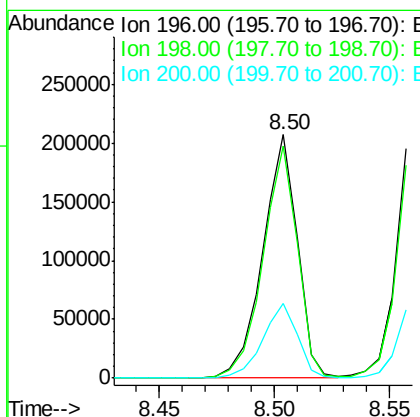
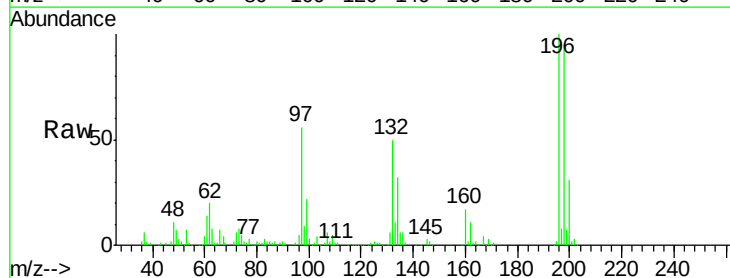
Instrument :
 BNA_F
 ClientSampleId :
 PB98252BSD

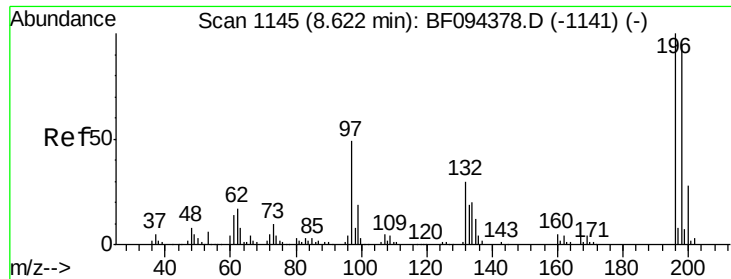
Tot Ion:330 Resp: 182424
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 41.2 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 43.67 ng
 RT: 8.50 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:196 Resp: 216094
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.2 111.4
 200 30.8 24.0 36.0

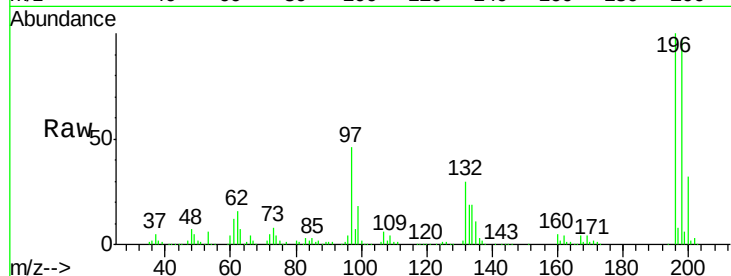




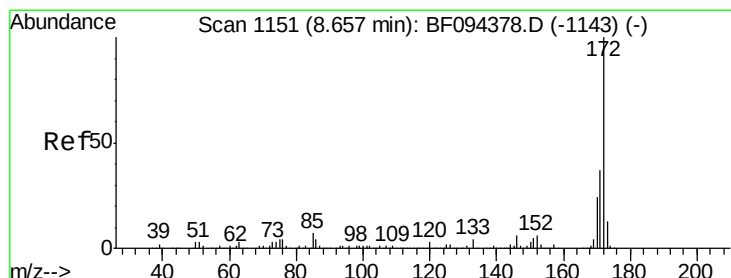
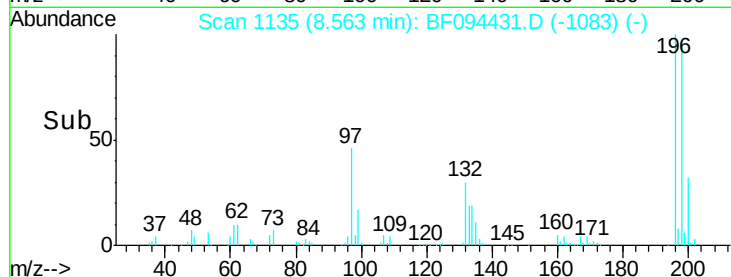
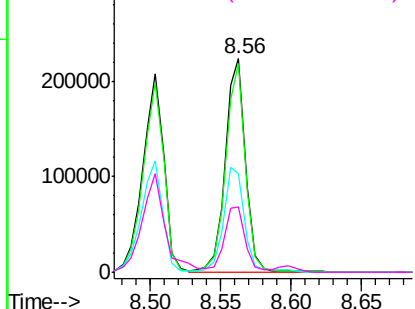
#43
 2,4,5-Trichlorophenol
 Concen: 41.23 ng
 RT: 8.56 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB98252BSD

Tot Ion:196 Resp: 220736
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.7 113.5
 97 46.1 47.7 71.5#
 132 30.5 28.0 42.0

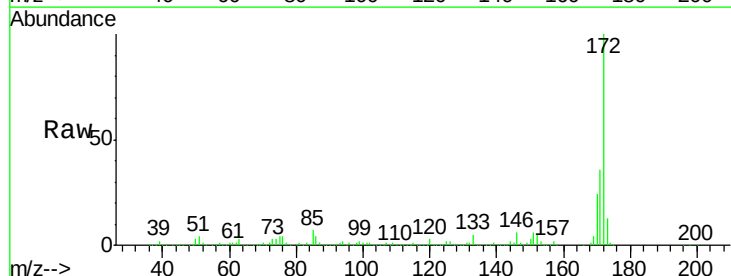


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

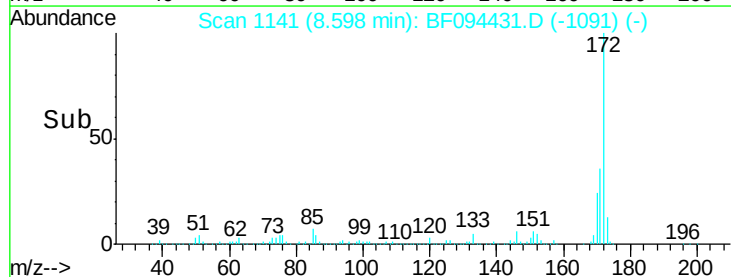
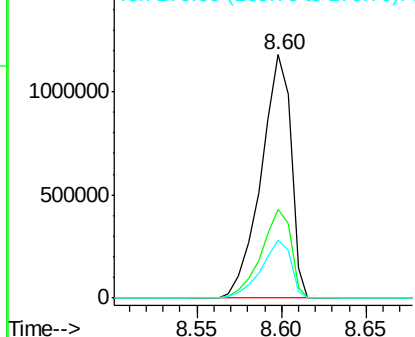


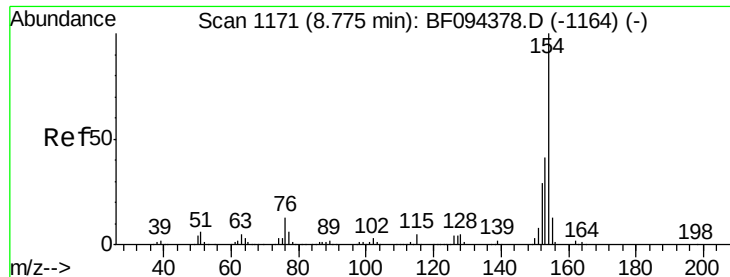
#44
 2-Fluorobiphenyl
 Concen: 86.17 ng
 RT: 8.60 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:172 Resp: 1444301
 Ion Ratio Lower Upper
 172 100
 171 36.4 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: 40.66 ng

RT: 8.72 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB98252BSD

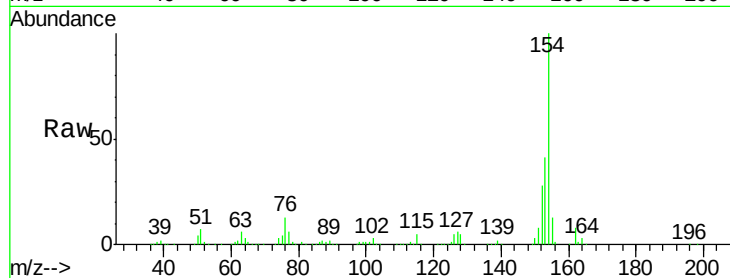
Tot Ion:154 Resp: 838441

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

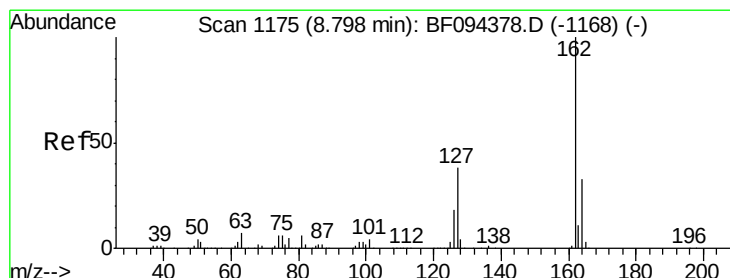
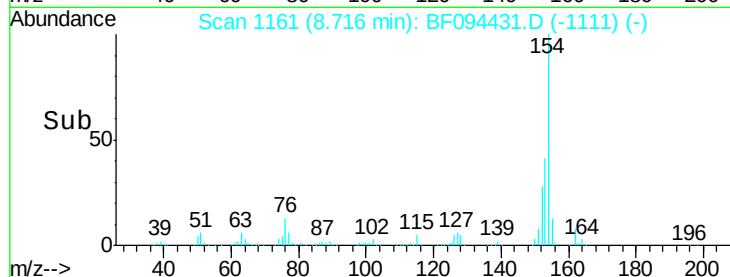
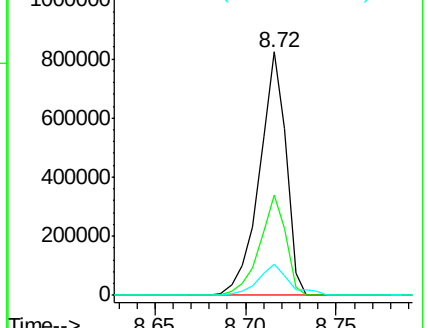
76 13.0 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.42 ng

RT: 8.73 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

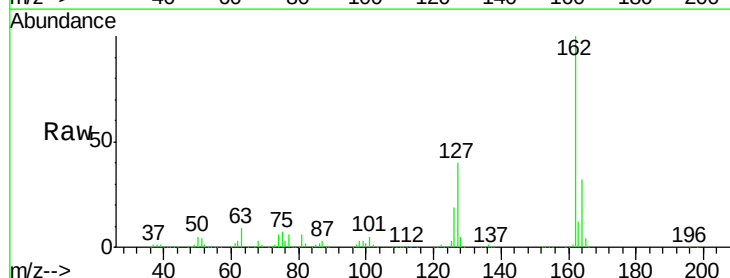
Tgt Ion:162 Resp: 668584

Ion Ratio Lower Upper

162 100

127 40.4 28.3 42.5

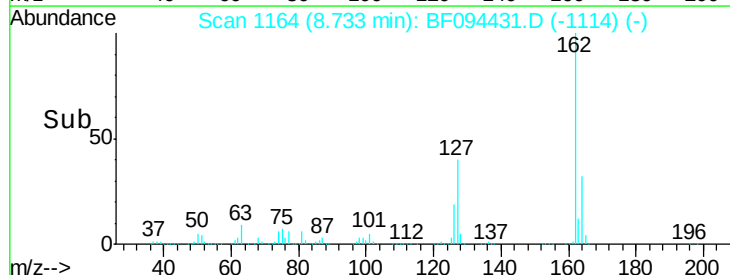
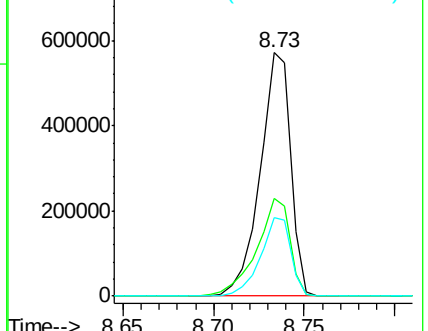
164 32.4 27.0 40.4

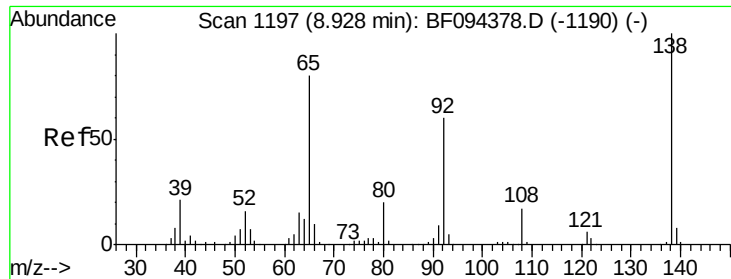


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

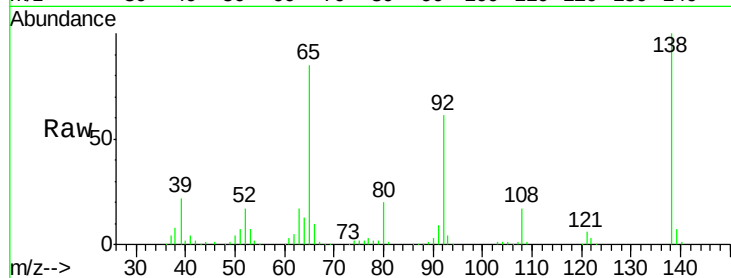




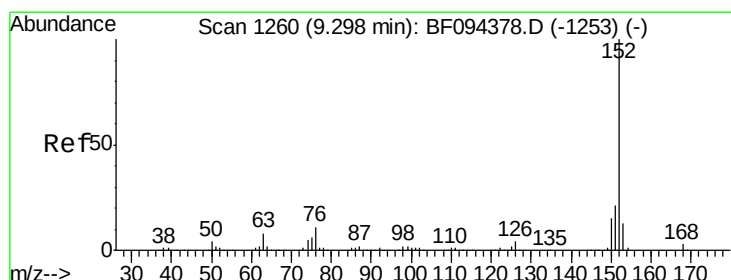
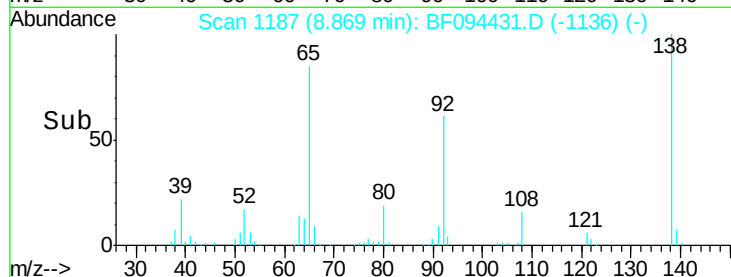
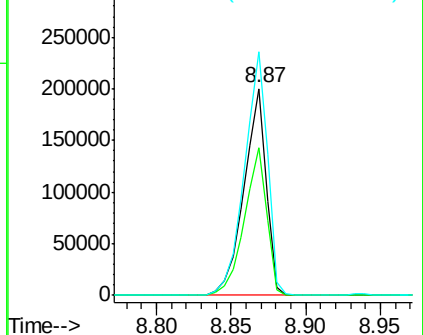
#47
2-Nitroaniline
Concen: 43.19 ng
RT: 8.87 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
PB98252BSD

Tot Ion: 65 Resp: 206792
Ion Ratio Lower Upper
65 100
92 71.4 53.9 80.9
138 117.9 78.8 118.2

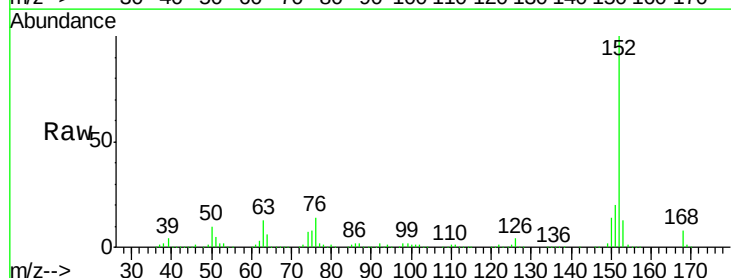


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

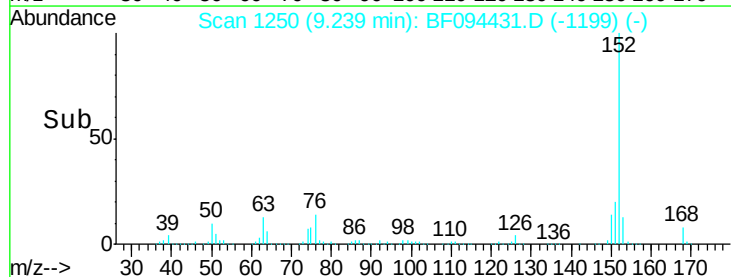
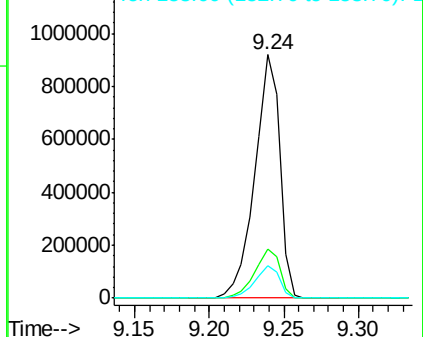


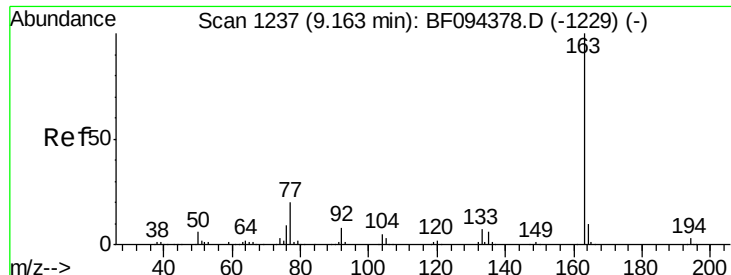
#48
Acenaphthylene
Concen: 39.33 ng
RT: 9.24 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion: 152 Resp: 1055184
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 13.2 10.8 16.2



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

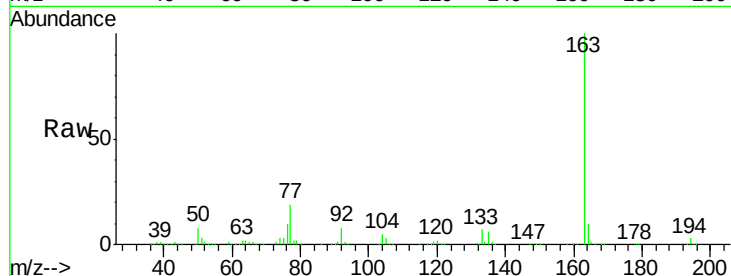




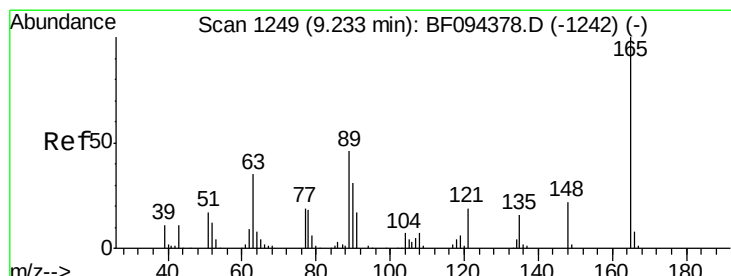
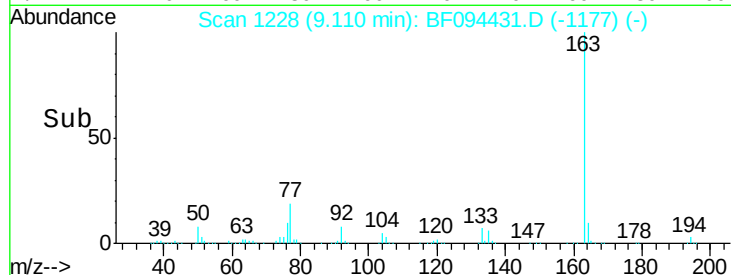
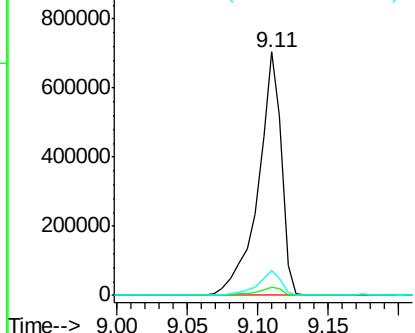
#49
Dimethylphthalate
Concen: 44.87 ng
RT: 9.11 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
PB98252BSD

Tot Ion:163 Resp: 815377
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.9 8.4 12.6

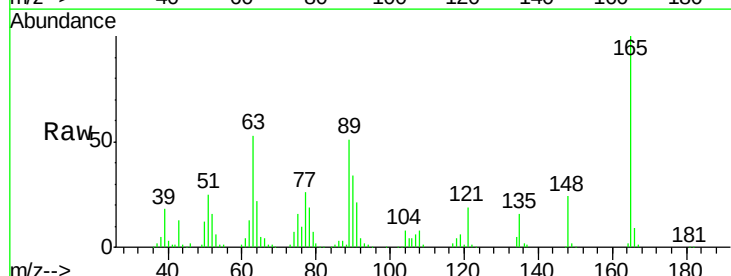


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

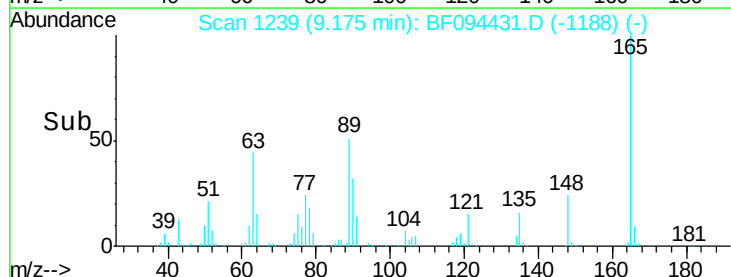
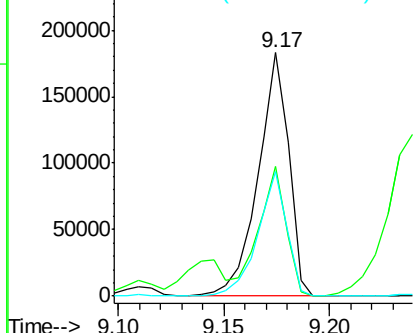


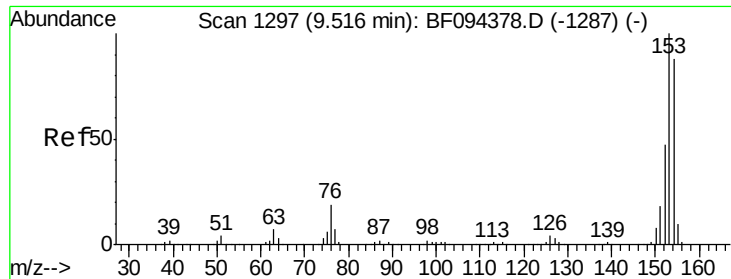
#50
2,6-Dinitrotoluene
Concen: 44.36 ng
RT: 9.17 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:165 Resp: 184787
Ion Ratio Lower Upper
165 100
63 53.4 34.3 51.5#
89 51.2 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: 40.49 ng

RT: 9.45 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB98252BSD

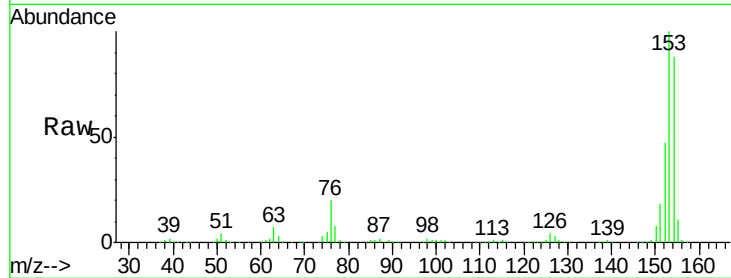
Tot Ion:154 Resp: 633855

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

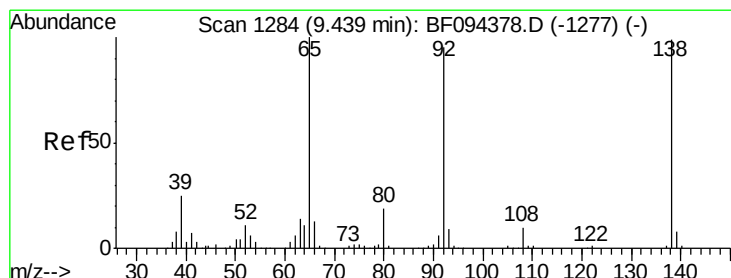
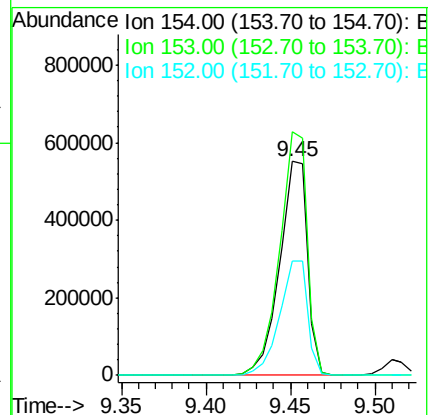
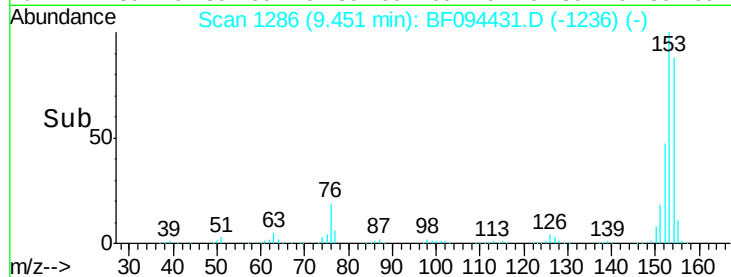
152 53.2 43.6 65.4



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: 22.52 ng

RT: 9.37 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

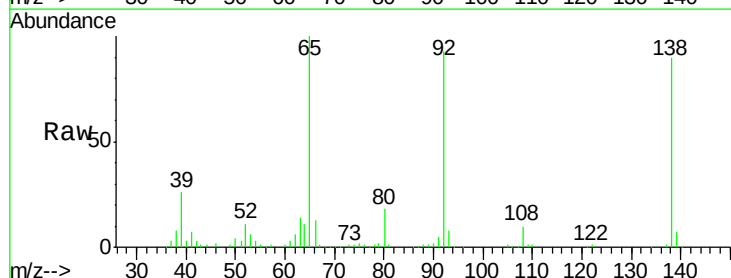
Tgt Ion:138 Resp: 110174

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

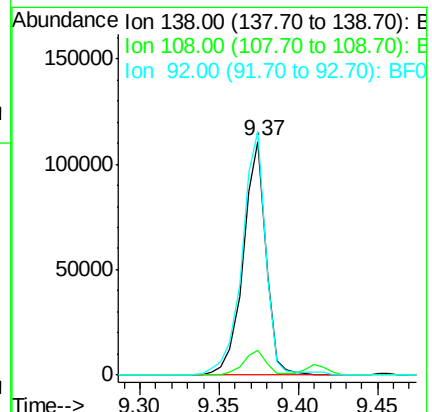
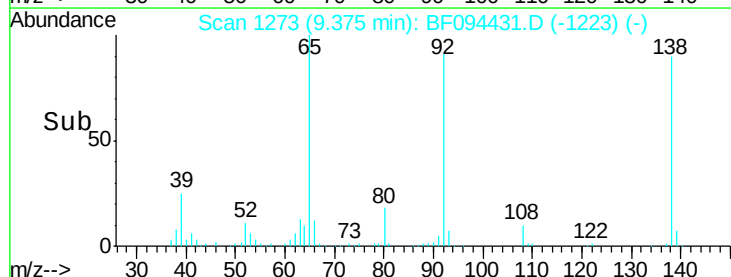
92 104.2 93.8 140.6

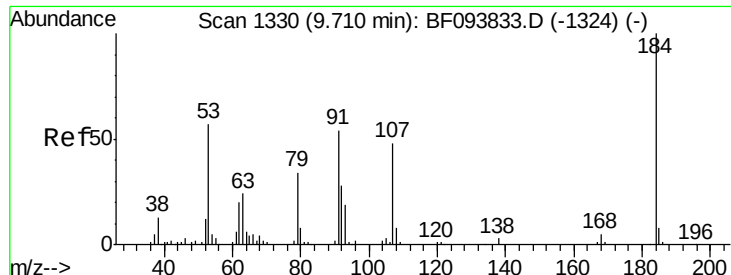


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

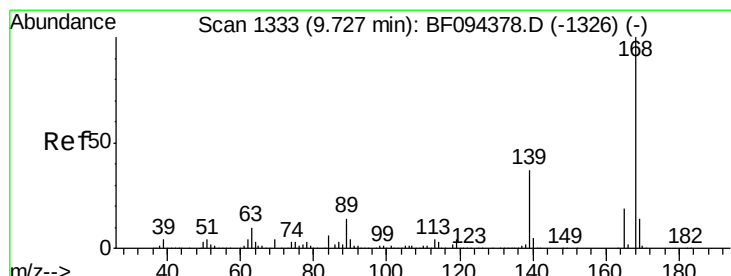
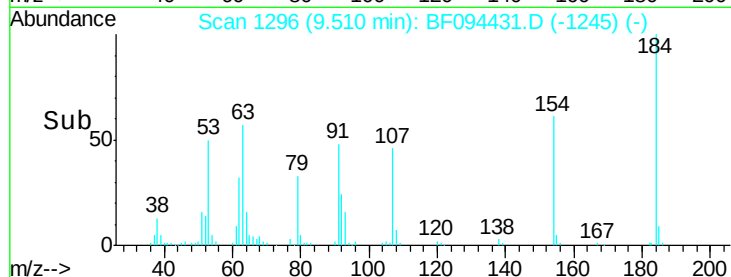
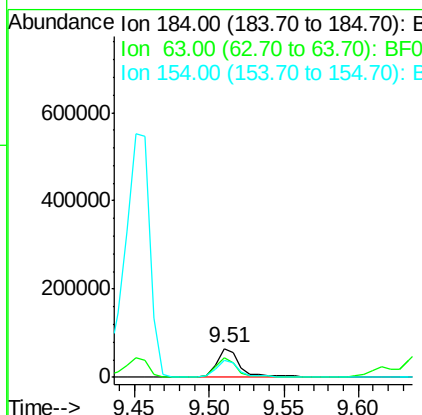
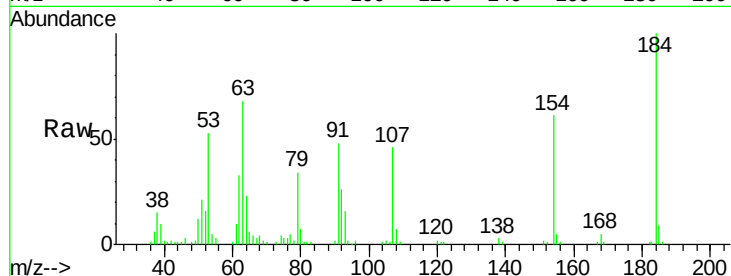




#53
 2,4-Dinitrophenol
 Concen: 35.71 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

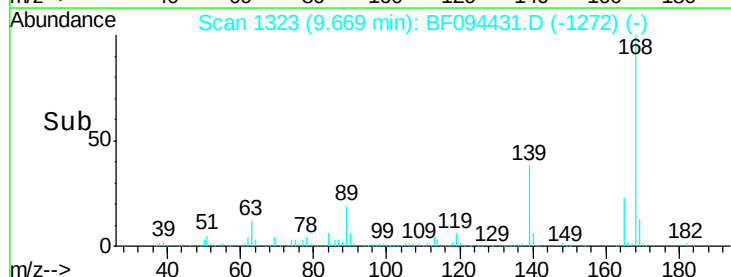
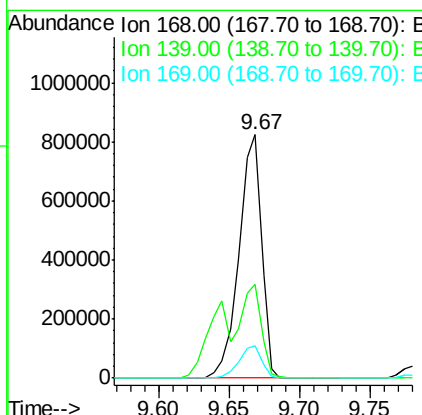
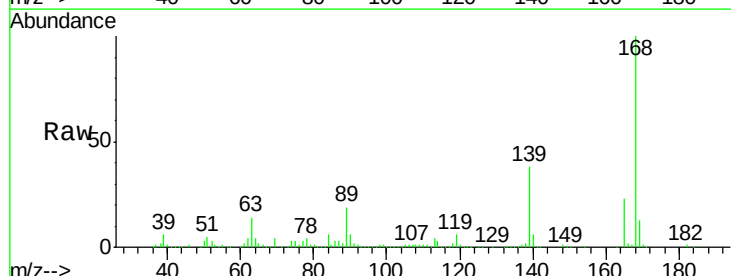
Instrument :
 BNA_F
 ClientSampleId :
 PB98252BSD

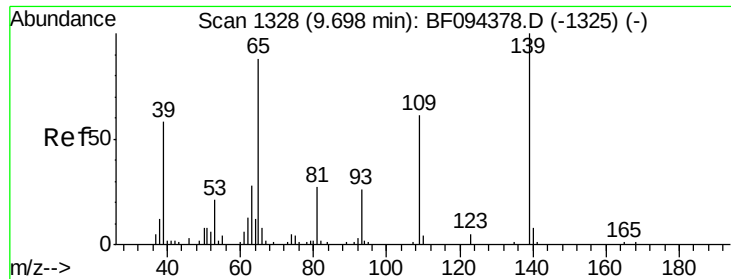
Tot Ion:184 Resp: 73504
 Ion Ratio Lower Upper
 184 100
 63 67.9 62.7 94.1
 154 60.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.04 ng
 RT: 9.67 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:168 Resp: 917021
 Ion Ratio Lower Upper
 168 100
 139 38.5 30.6 45.8
 169 13.4 10.8 16.2

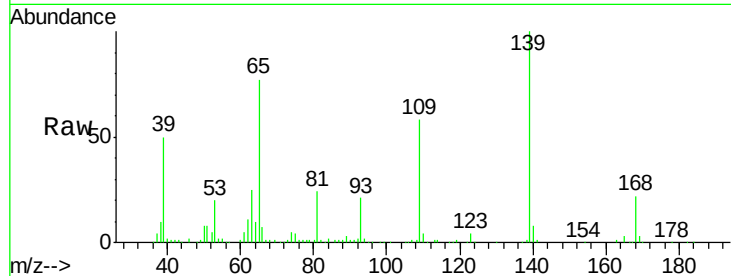




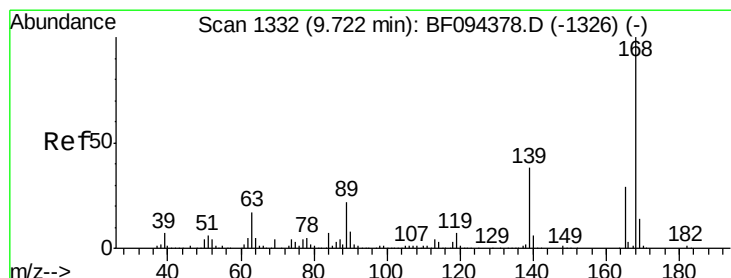
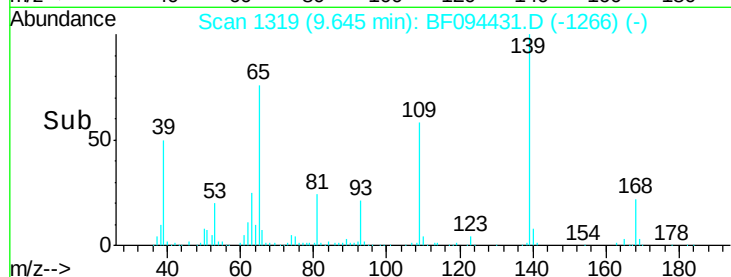
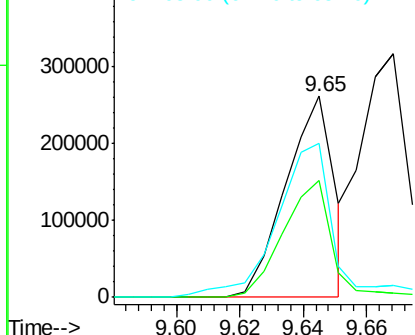
#55
4-Nitrophenol
Concen: 72.60 ng
RT: 9.65 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
PB98252BSD

Tot Ion:139 Resp: 278130
Ion Ratio Lower Upper
139 100
109 57.9 34.1 74.1
65 76.6 31.4 71.4#

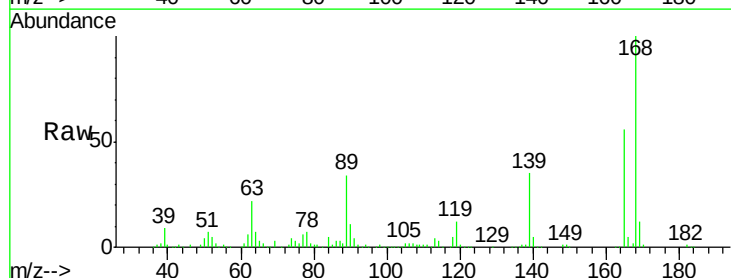


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

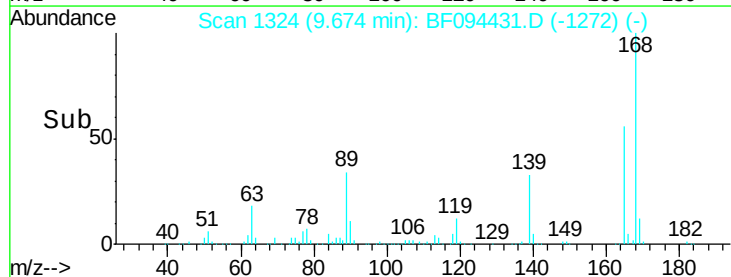
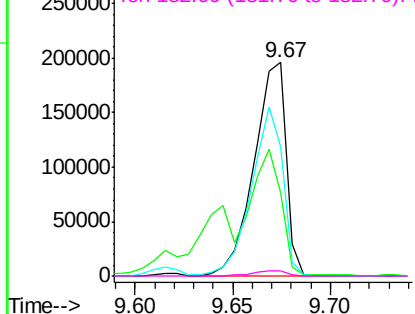


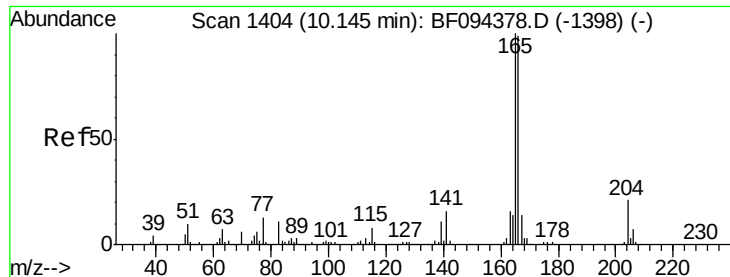
#56
2,4-Dinitrotoluene
Concen: 42.79 ng
RT: 9.67 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:165 Resp: 223904
Ion Ratio Lower Upper
165 100
63 38.8 25.4 38.0#
89 60.7 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

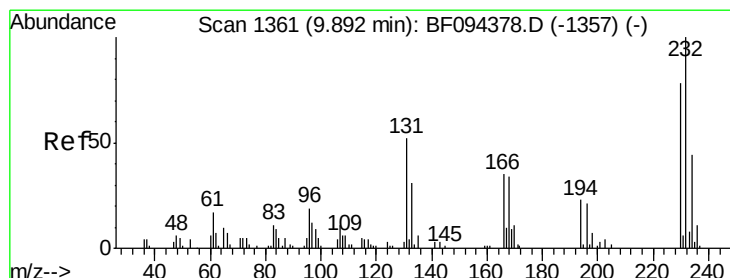
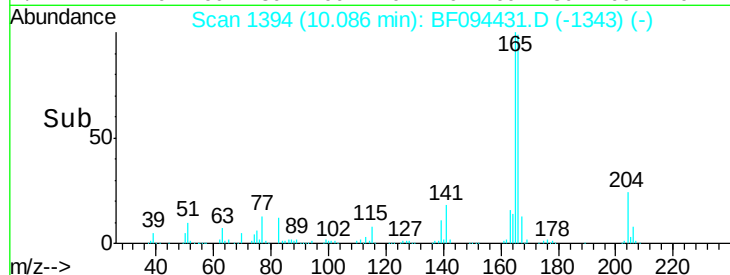
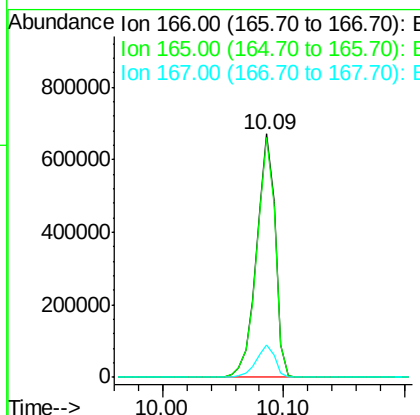
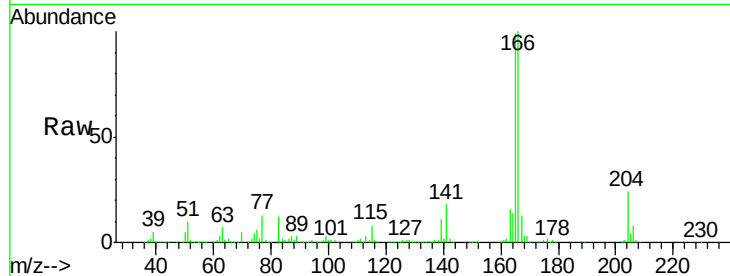




#57
 Fluorene
 Concen: 40.85 ng
 RT: 10.09 min Scan# 1394
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

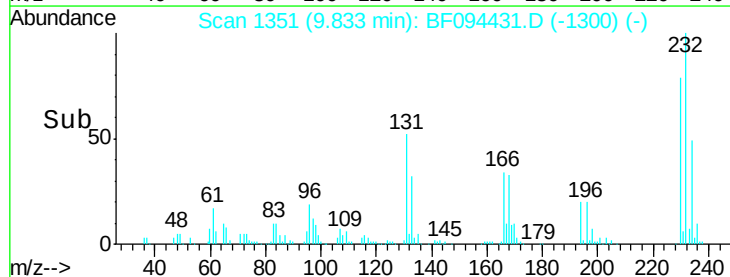
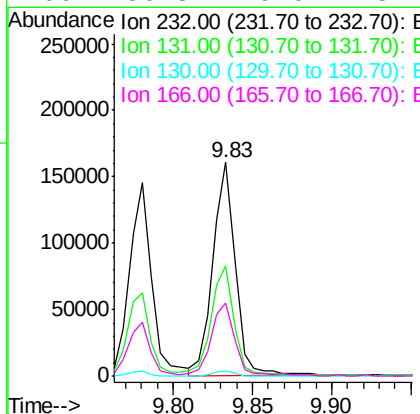
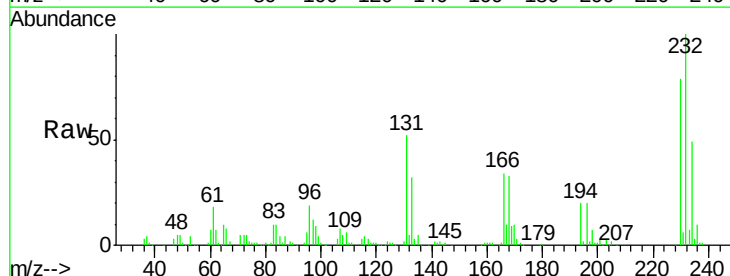
Instrument :
 BNA_F
 ClientSampleId :
 PB98252BSD

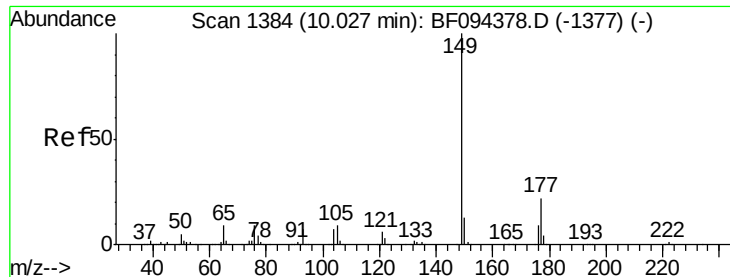
Tot Ion:166 Resp: 721865
 Ion Ratio Lower Upper
 166 100
 165 98.7 78.8 118.2
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.85 ng
 RT: 9.83 min Scan# 1351
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:232 Resp: 157402
 Ion Ratio Lower Upper
 232 100
 131 55.3 44.8 67.2
 130 2.4 2.3 3.5
 166 36.3 29.0 43.4

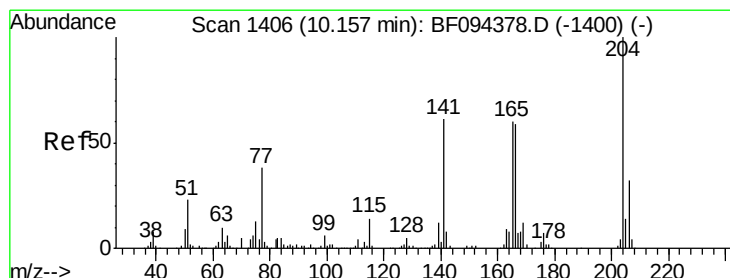
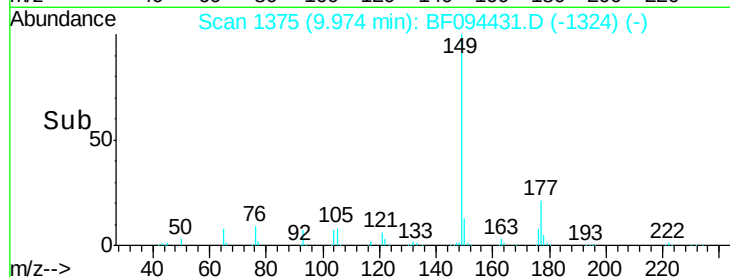
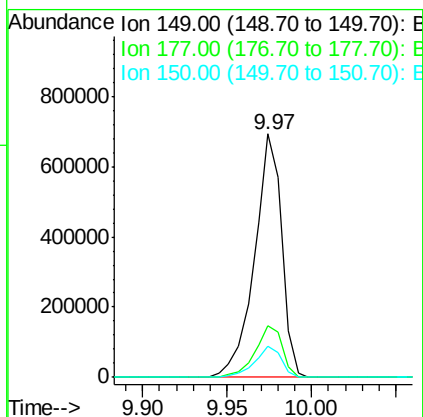
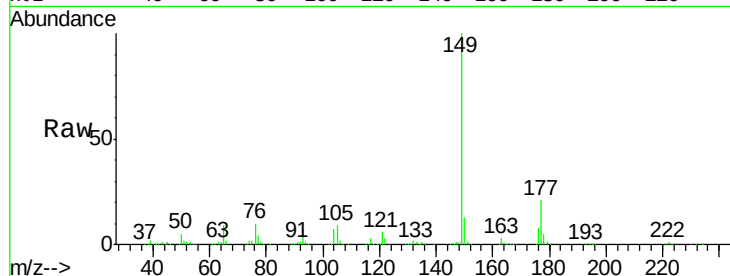




#59
Diethylphthalate
Concen: 43.18 ng
RT: 9.97 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

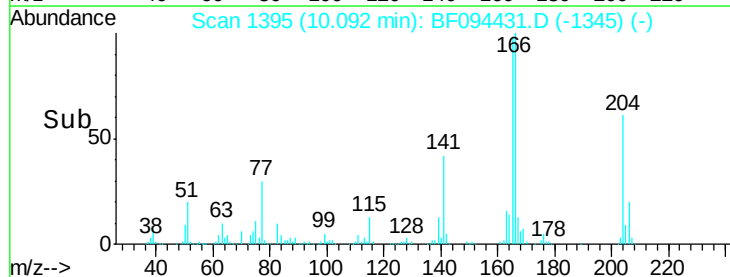
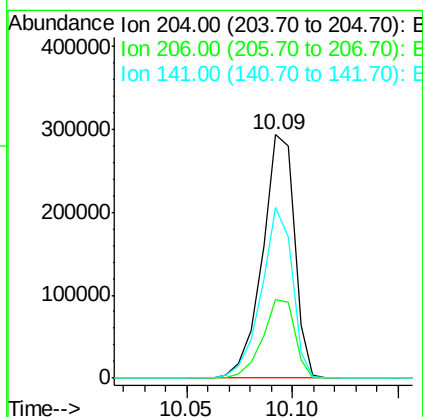
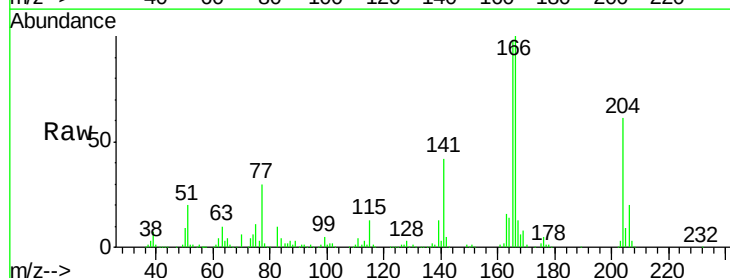
Instrument :
BNA_F
ClientSampleId :
PB98252BSD

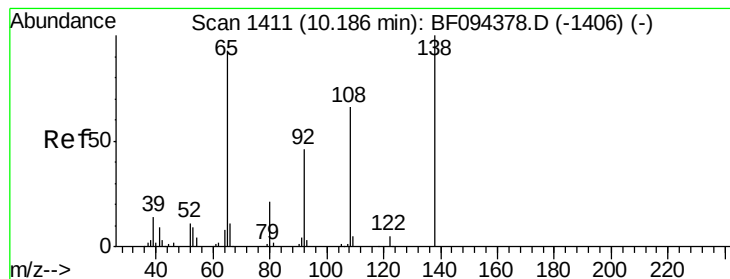
Tot Ion:149 Resp: 775545
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.22 ng
RT: 10.09 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:204 Resp: 310273
Ion Ratio Lower Upper
204 100
206 32.4 26.2 39.2
141 69.9 60.8 91.2





#61

4-Nitroaniline

Concen: 41.25 ng

RT: 10.13 min Scan# 1402

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB98252BSD

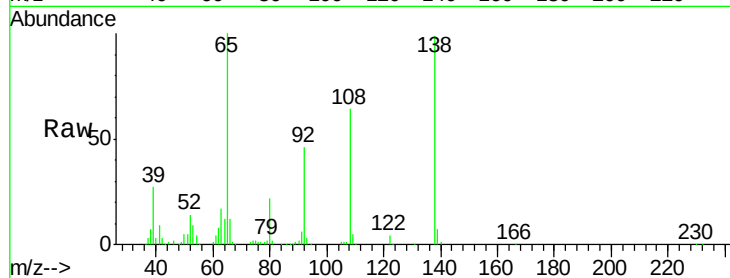
Tot Ion:138 Resp: 193641

Ion Ratio Lower Upper

138 100

92 47.0 21.8 61.8

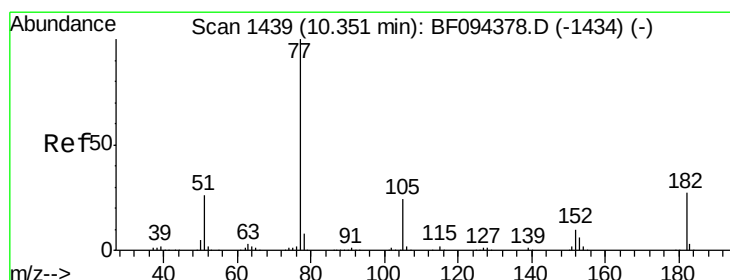
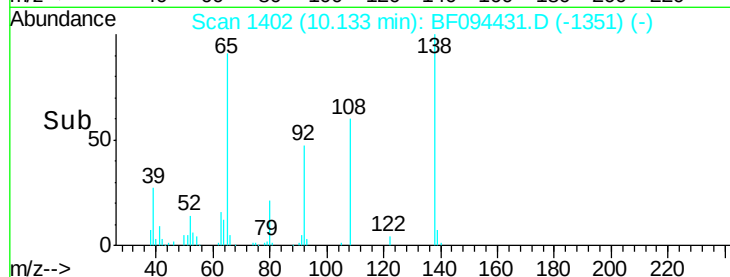
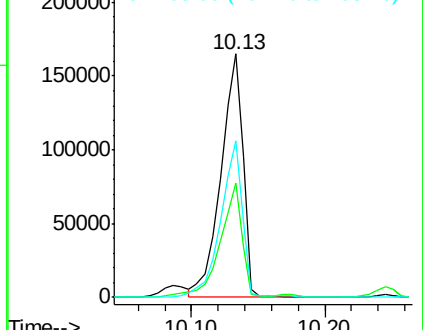
108 64.6 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.77 ng

RT: 10.29 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Tgt Ion: 77 Resp: 743721

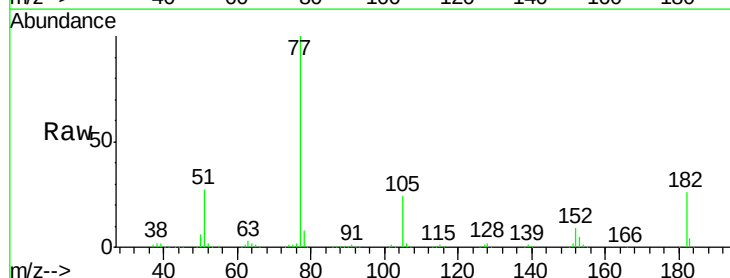
Ion Ratio Lower Upper

77 100

182 26.1 0.1 40.1

105 24.0 3.6 43.6

51 26.9 9.4 49.4

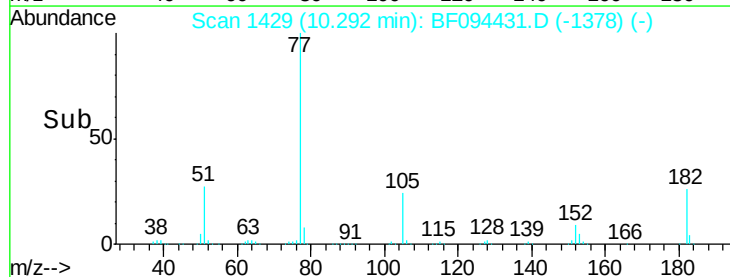
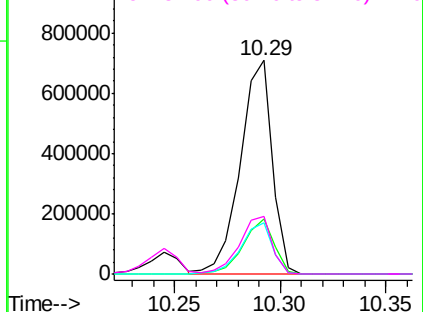


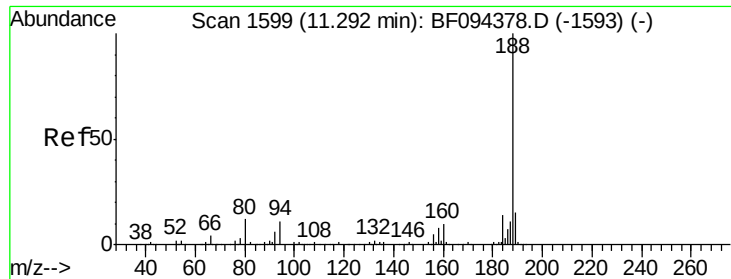
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

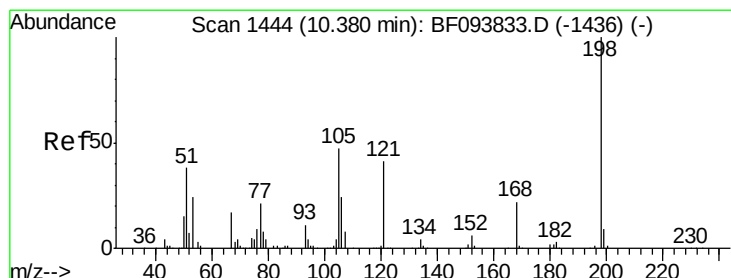
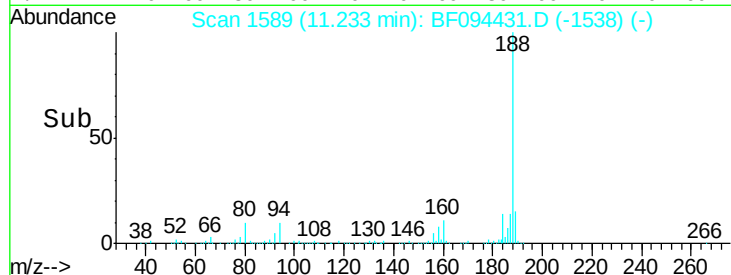
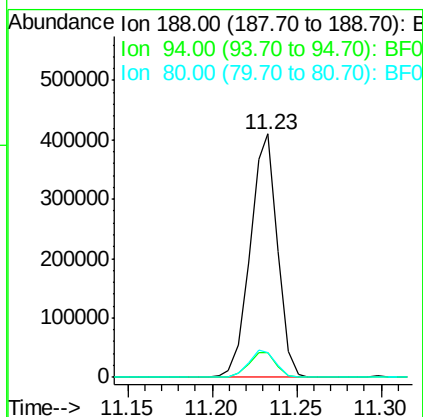
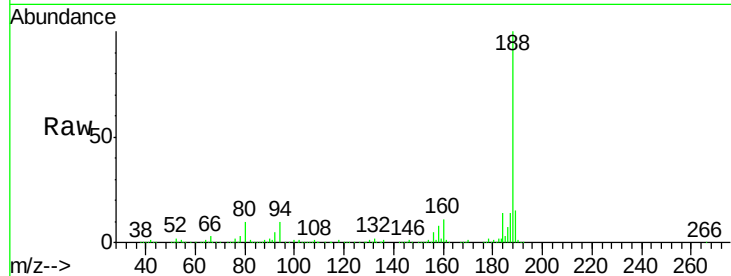




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

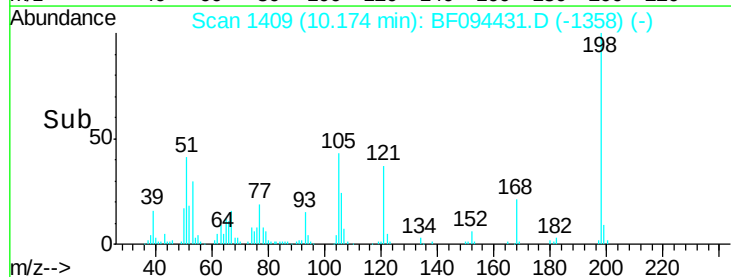
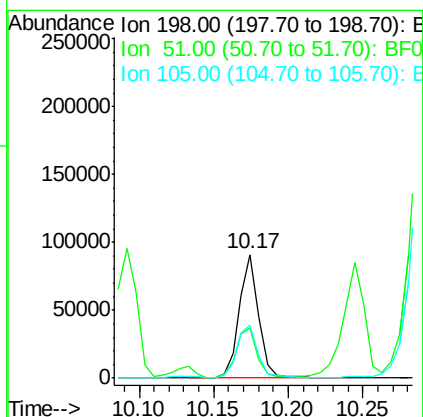
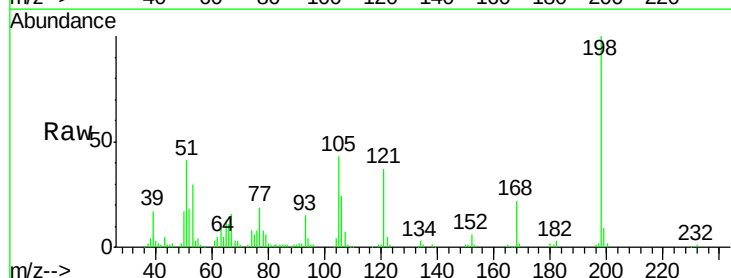
Instrument :
BNA_F
ClientSampleId :
PB98252BSD

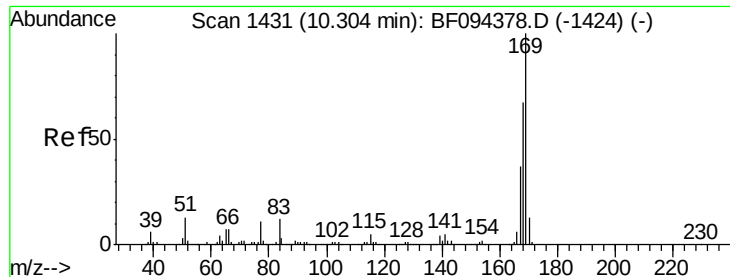
Tot Ion:188 Resp: 459161
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 29.65 ng
RT: 10.17 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:198 Resp: 83366
Ion Ratio Lower Upper
198 100
51 40.6 53.2 93.2#
105 42.8 45.8 85.8#

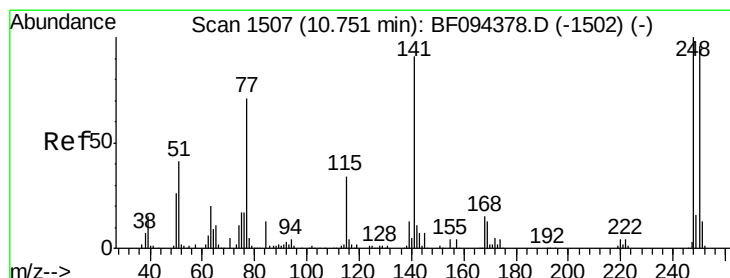
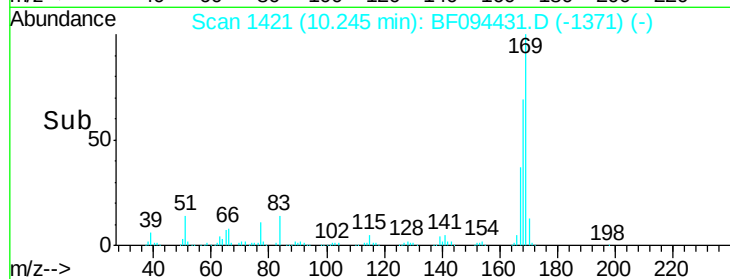
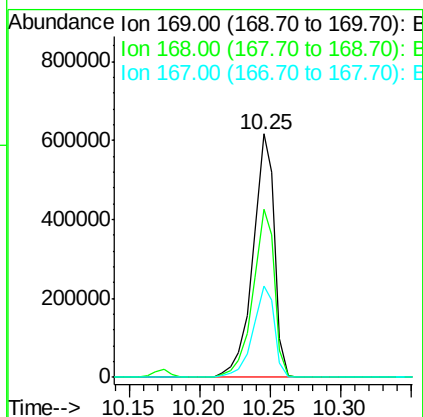
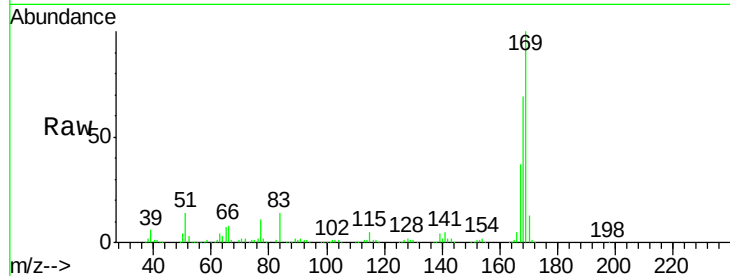




#65
 n-Nitrosodiphenylamine
 Concen: 41.61 ng
 RT: 10.25 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

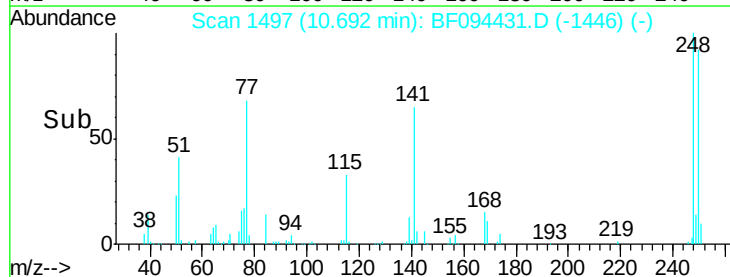
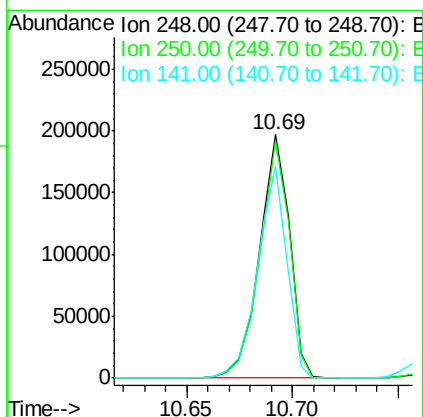
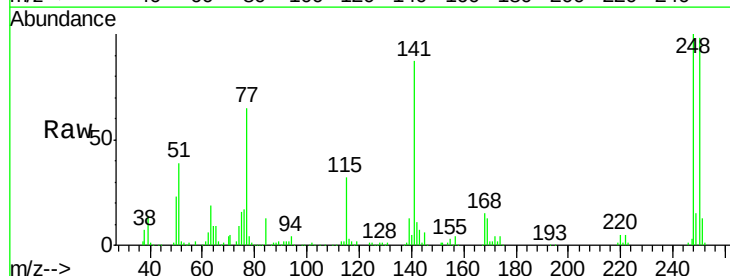
Instrument :
 BNA_F
 ClientSampleId :
 PB98252BSD

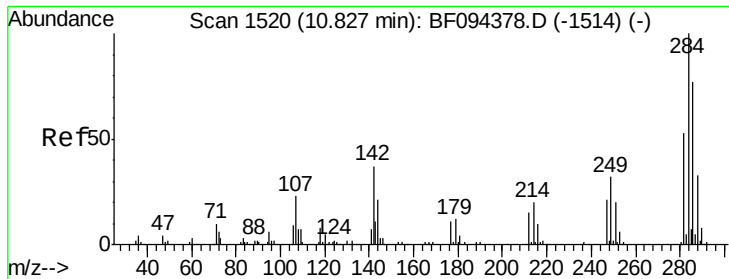
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.0	53.2	79.8
167	37.4	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 43.25 ng
 RT: 10.69 min Scan# 1497
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.8	115.2
141	86.9	68.6	103.0

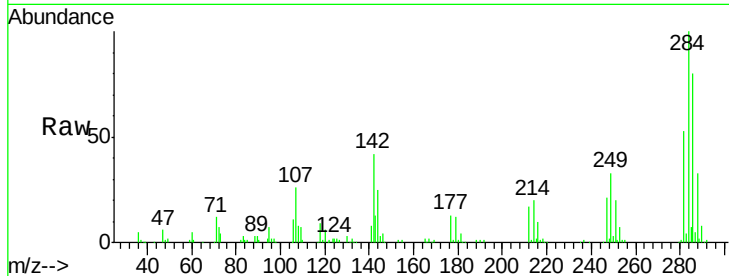




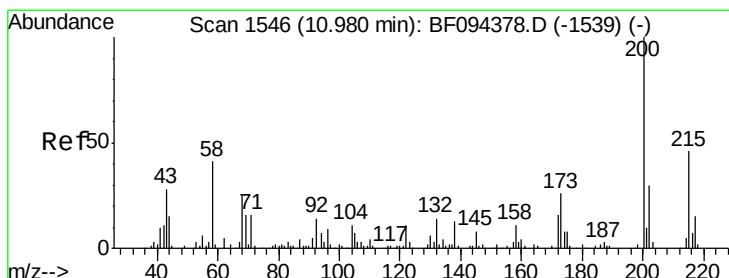
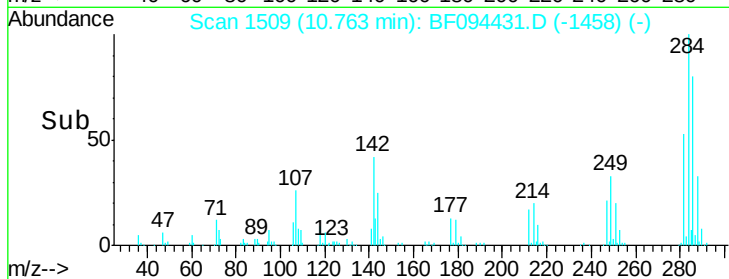
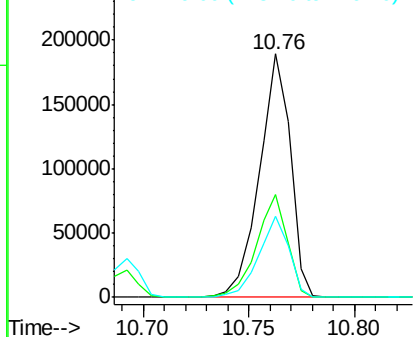
#67
Hexachlorobenzene
Concen: 42.24 ng
RT: 10.76 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
PB98252BSD

Tot Ion:284 Resp: 193079
Ion Ratio Lower Upper
284 100
142 42.4 22.8 34.2#
249 33.1 24.0 36.0

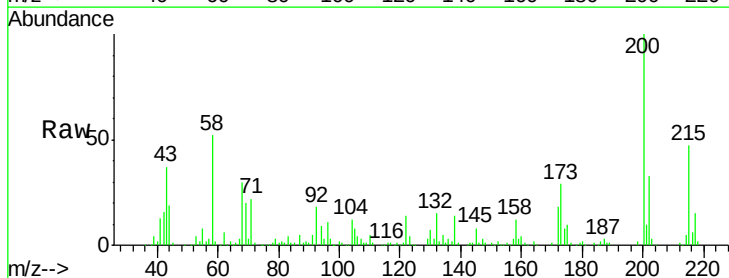


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

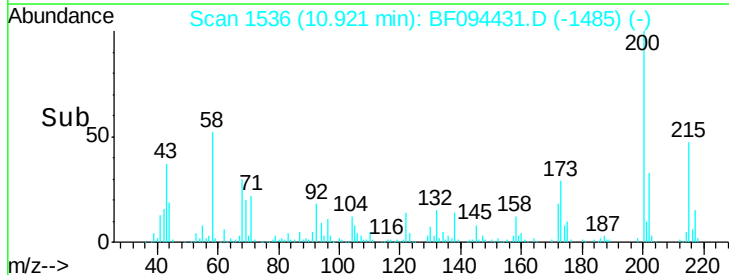
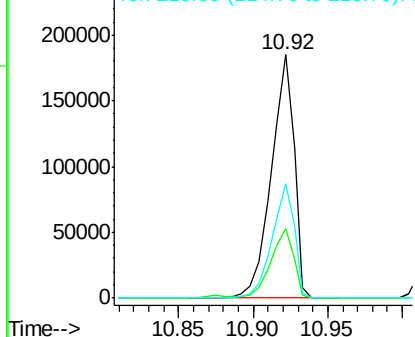


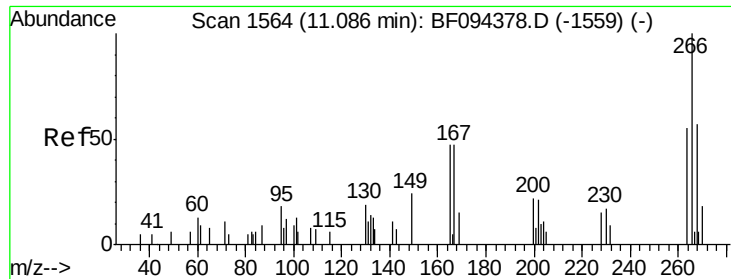
#68
Atrazine
Concen: 41.33 ng
RT: 10.92 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:200 Resp: 196573
Ion Ratio Lower Upper
200 100
173 28.5 6.3 46.3
215 46.7 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

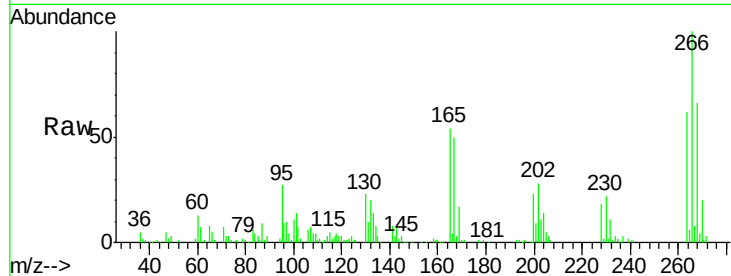




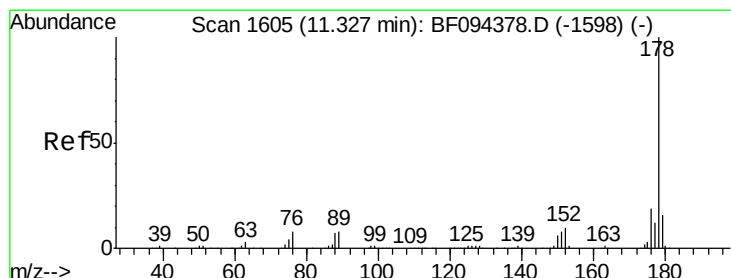
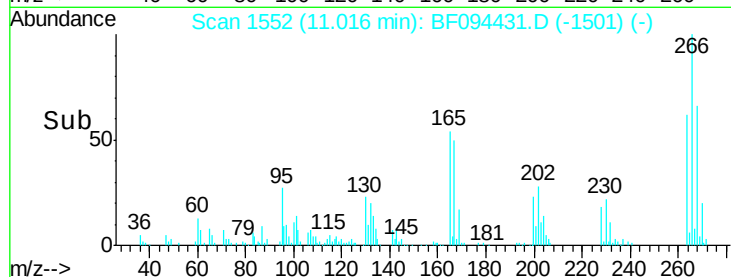
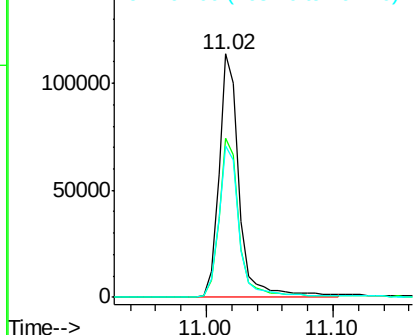
#69
 Pentachlorophenol
 Concen: 44.92 ng
 RT: 11.02 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB98252BSD

Tot Ion:266 Resp: 127809
 Ion Ratio Lower Upper
 266 100
 268 65.5 51.1 76.7
 264 62.4 51.7 77.5

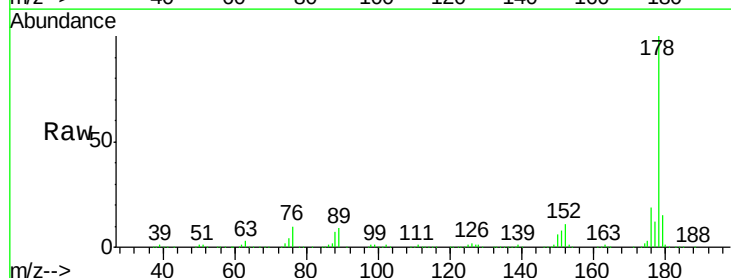


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

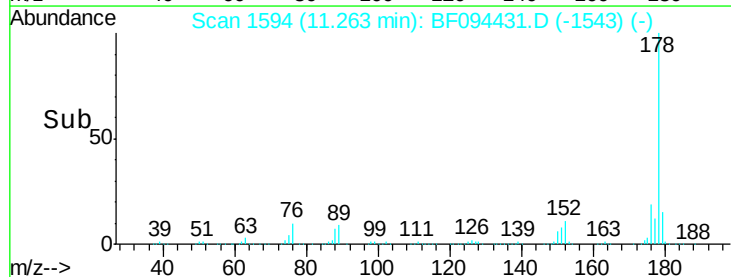
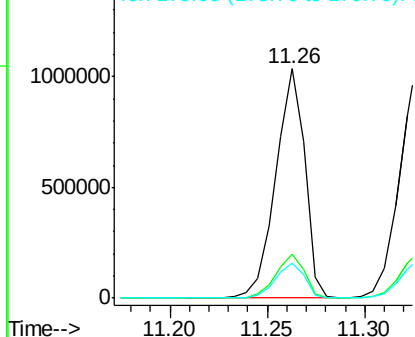


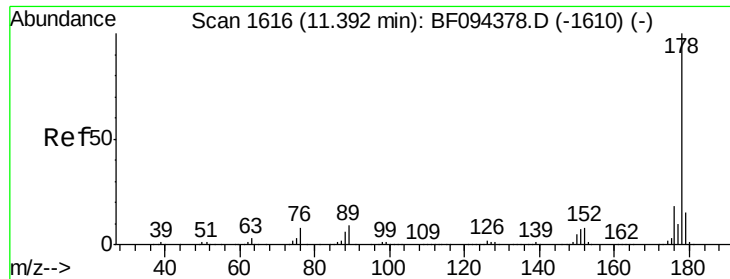
#70
 Phenanthrene
 Concen: 41.83 ng
 RT: 11.26 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:178 Resp: 1068386
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.4 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

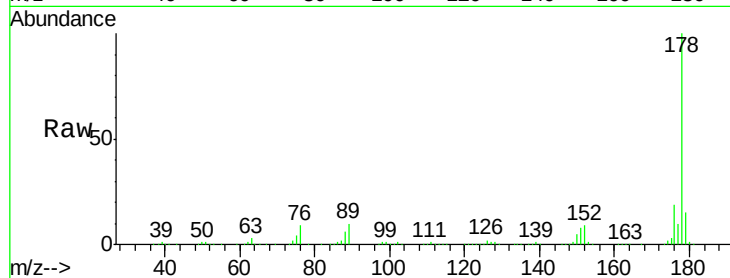




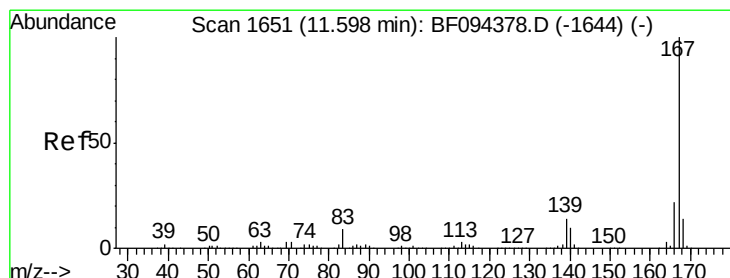
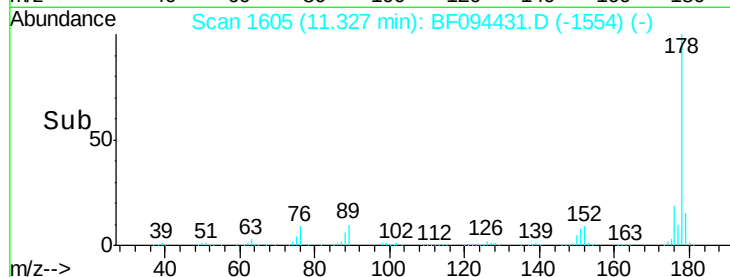
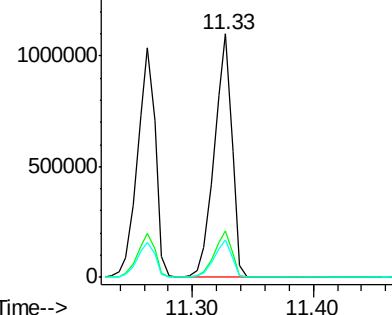
#71
 Anthracene
 Concen: 42.30 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Instrument :
 BNA_F
 ClientSampleId :
 PB98252BSD

Tot Ion:178 Resp: 1112343
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.3 12.7 19.1

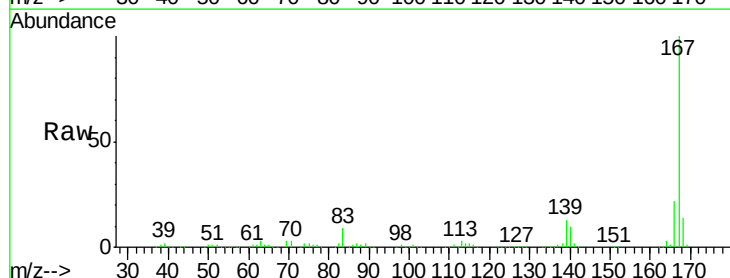


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

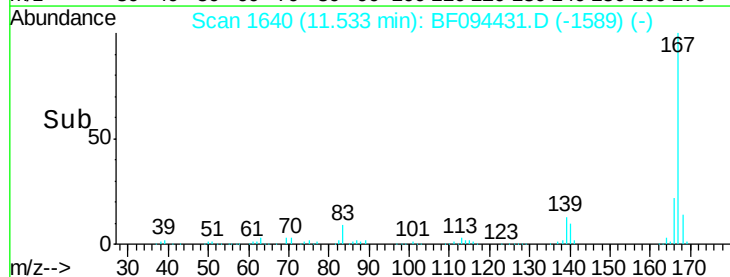
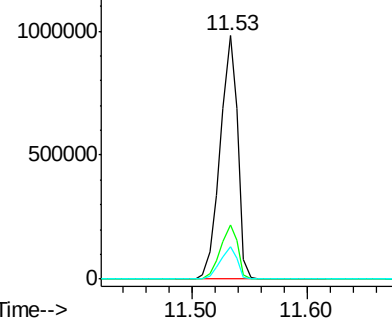


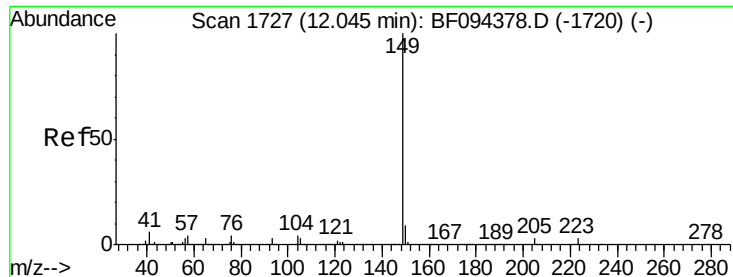
#72
 Carbazole
 Concen: 38.32 ng
 RT: 11.53 min Scan# 1640
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion:167 Resp: 1033404
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.5 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.15 ng

RT: 11.98 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB98252BSD

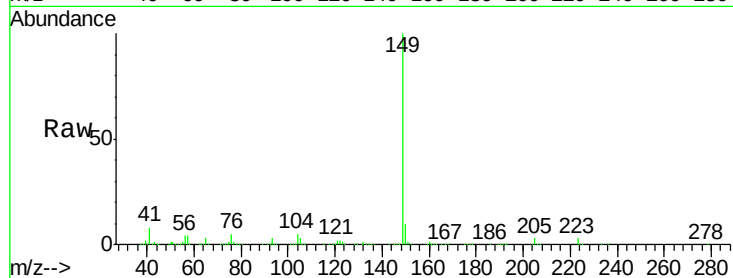
Tot Ion:149 Resp: 1238287

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

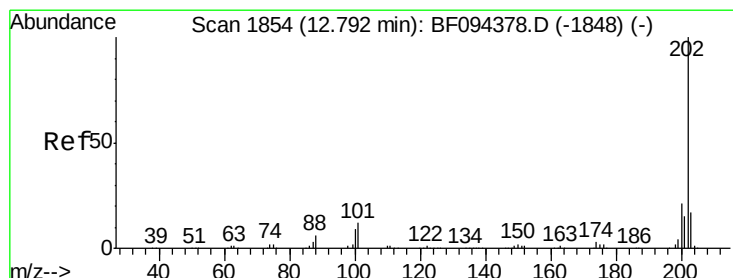
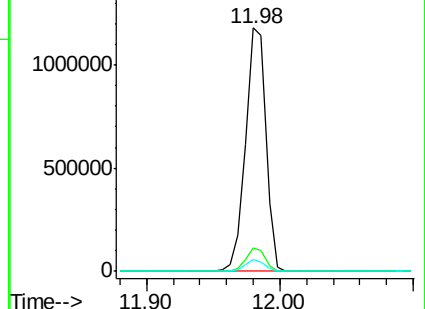
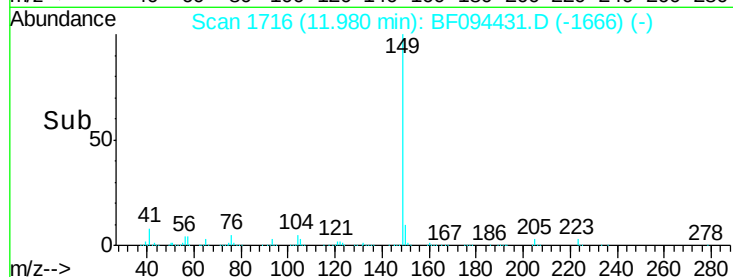
104 4.7 4.0 6.0



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: 42.22 ng

RT: 12.72 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

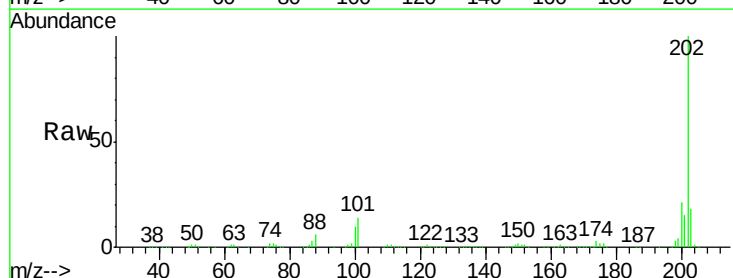
Tgt Ion:202 Resp: 1104184

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

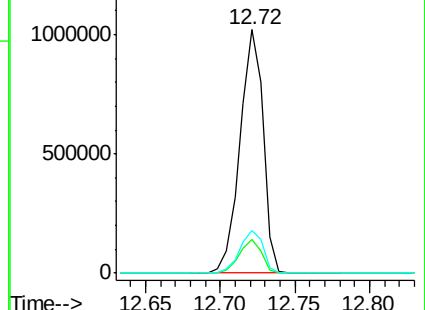
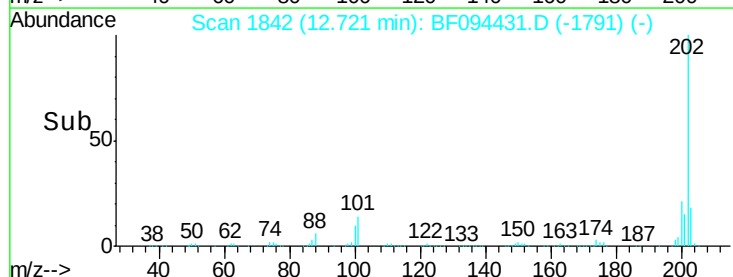
203 17.5 0.0 38.1

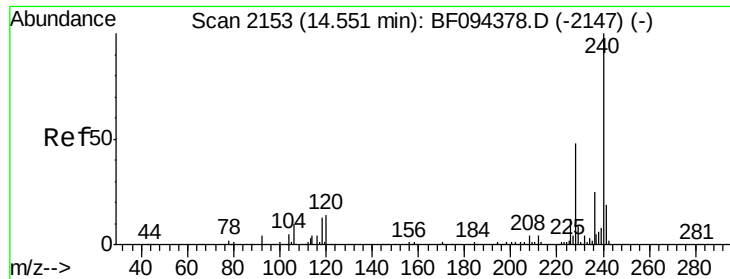


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.48 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB98252BSD

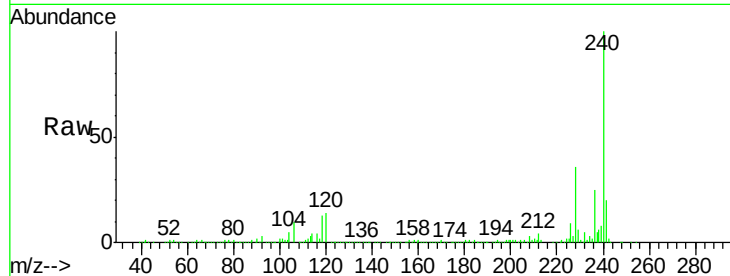
Tot Ion:240 Resp: 362348

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

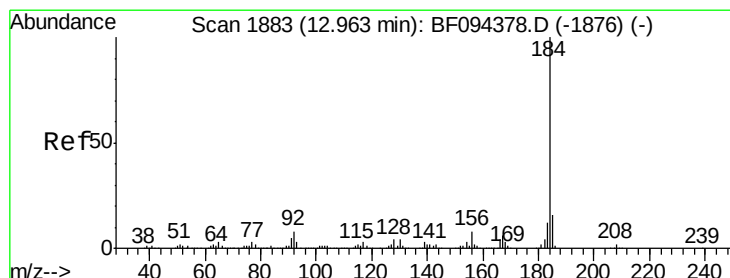
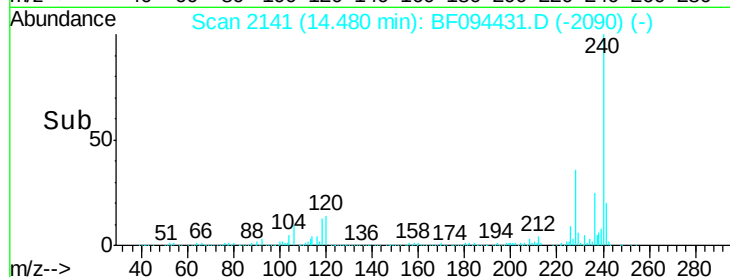
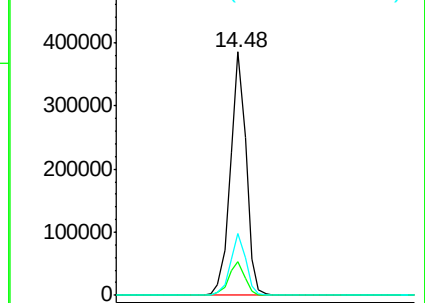
236 25.5 20.5 30.7



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: 20.28 ng

RT: 12.89 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

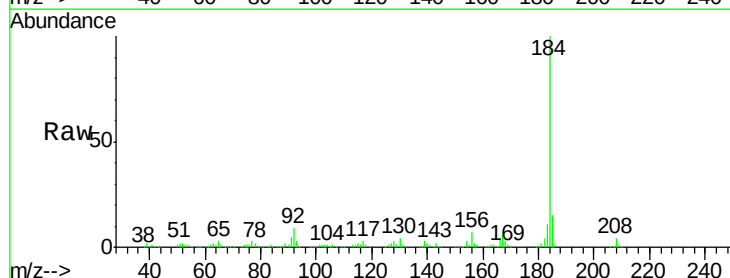
Tgt Ion:184 Resp: 290829

Ion Ratio Lower Upper

184 100

185 14.7 15.5 23.3#

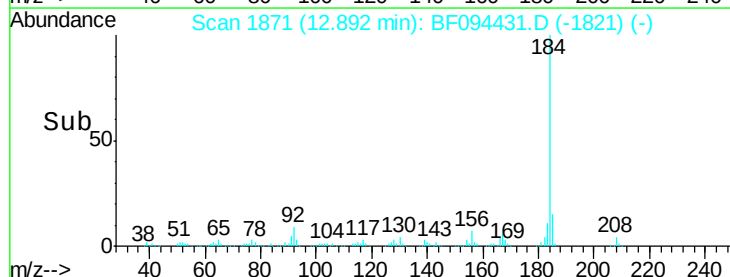
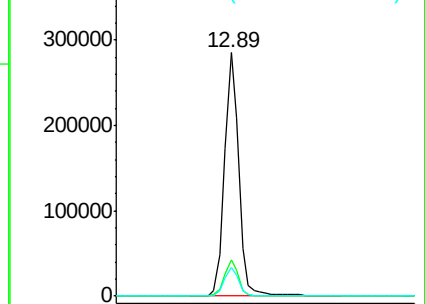
183 11.5 9.8 14.6

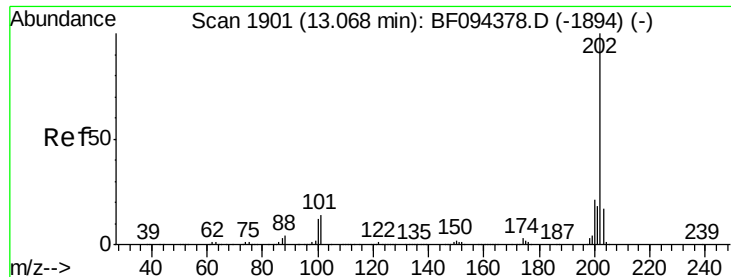


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.62 ng

RT: 13.00 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB98252BSD

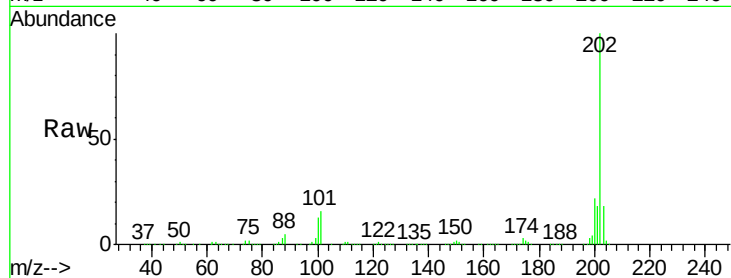
Tot Ion:202 Resp: 1120687

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.7	14.4	21.6

202 100

200 21.6 17.6 26.4

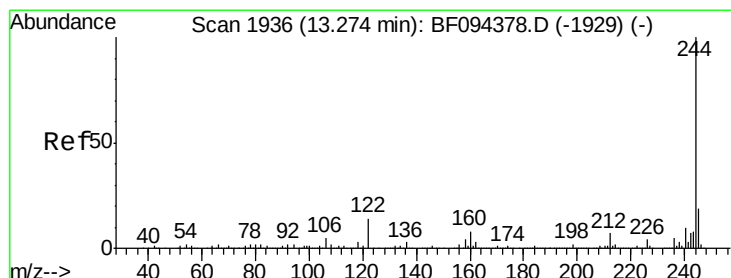
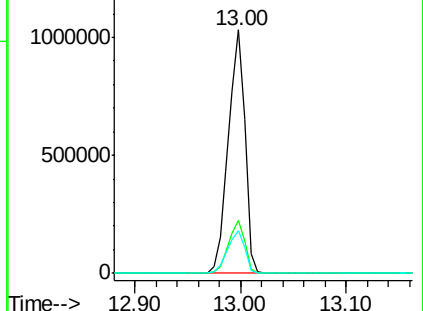
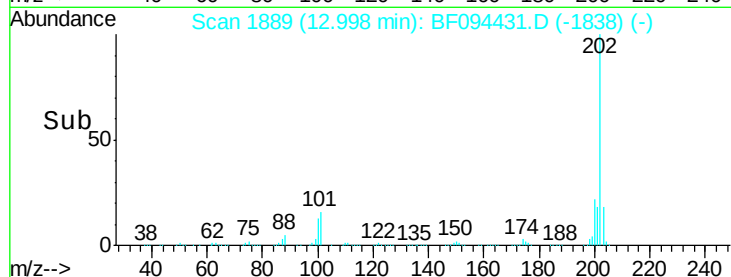
203 17.7 14.4 21.6



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: 79.91 ng

RT: 13.21 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

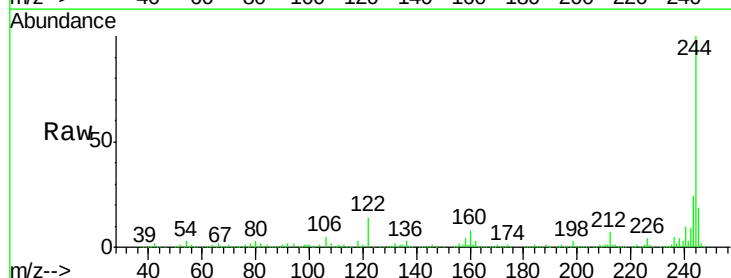
Tgt Ion:244 Resp: 1291803

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.5	10.3	15.5

244 100

212 7.4 6.0 9.0

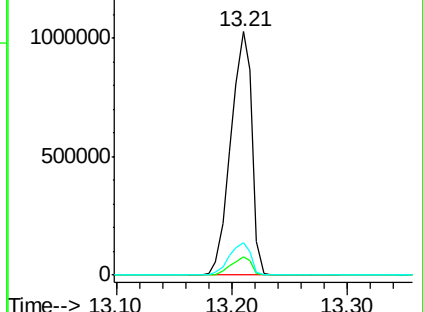
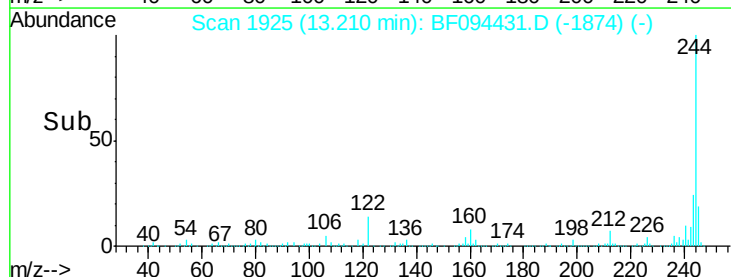
122 13.5 10.3 15.5

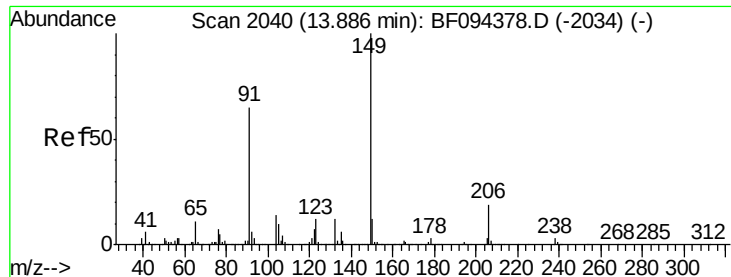


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

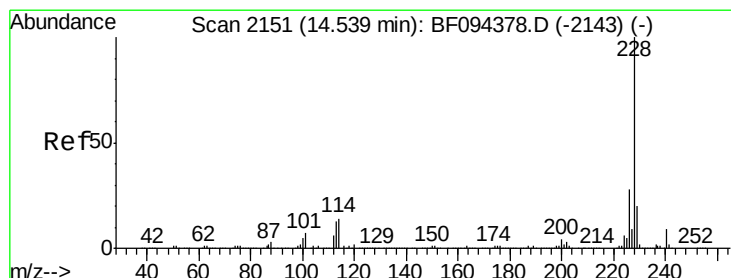
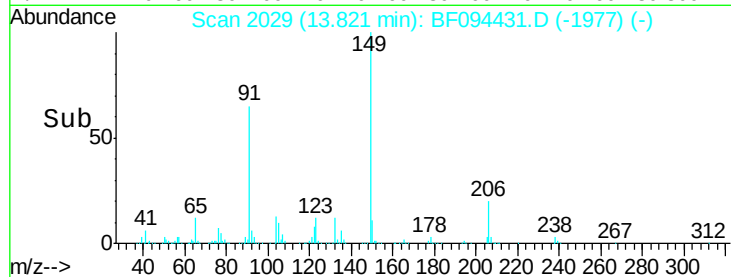
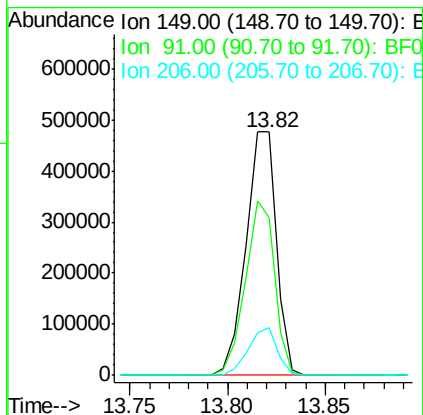
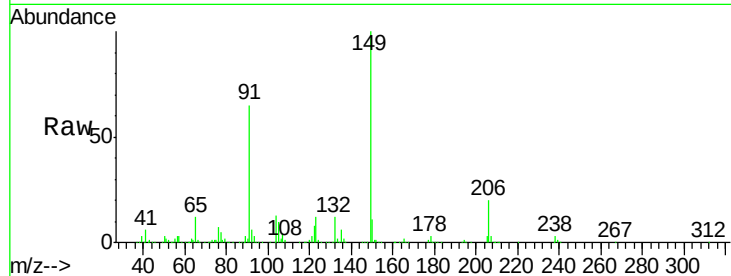




#79
Butylbenzylphthalate
Concen: 46.07 ng
RT: 13.82 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

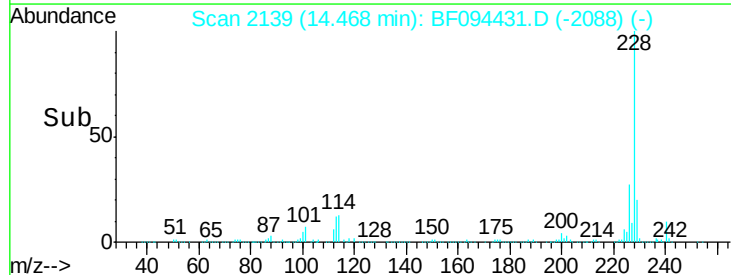
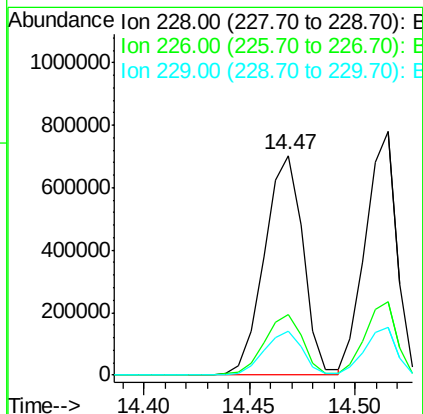
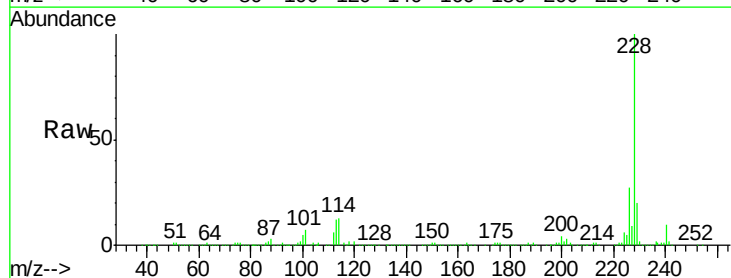
Instrument :
BNA_F
ClientSampleId :
PB98252BSD

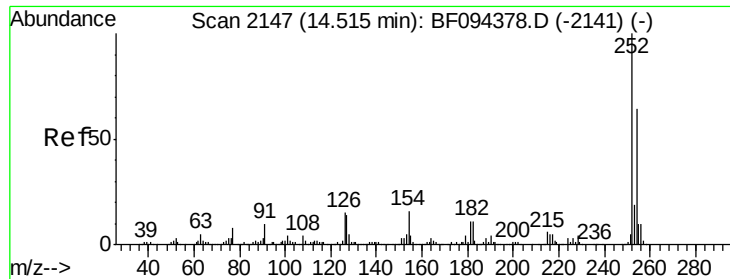
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.9	45.0	67.4
206	19.9	17.0	25.6



#80
Benzo(a)anthracene
Concen: 42.50 ng
RT: 14.47 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.8	16.3	24.5

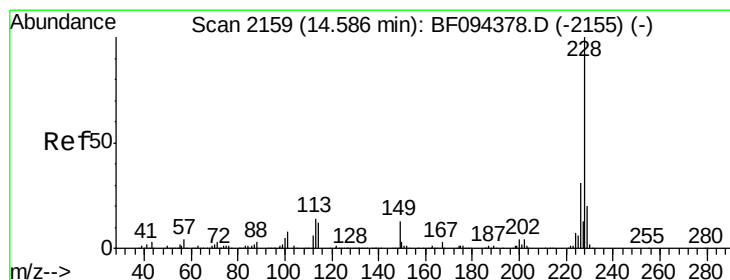
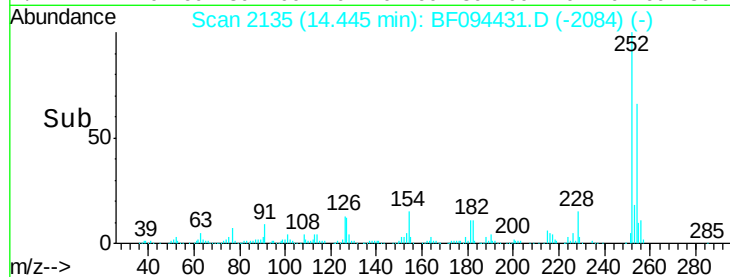
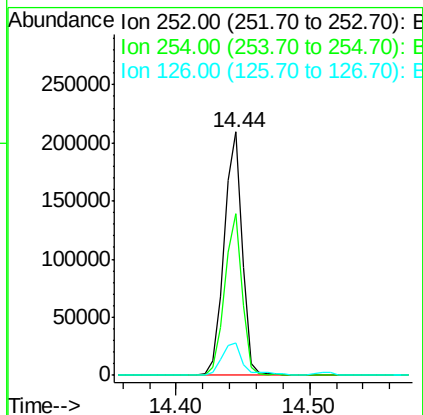
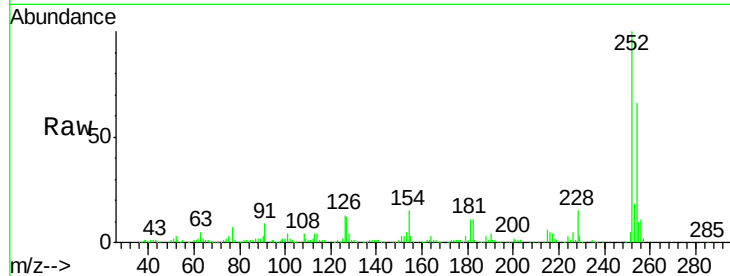




#81
 3,3'-Dichlorobenzidine
 Concen: 26.57 ng
 RT: 14.44 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

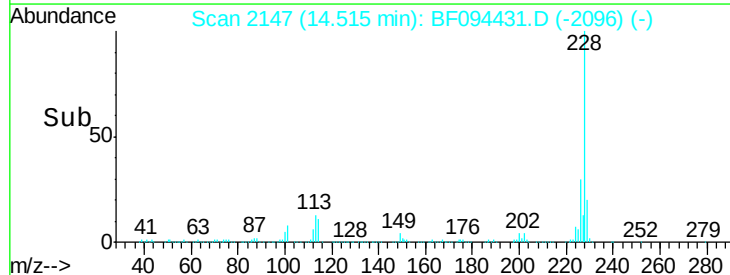
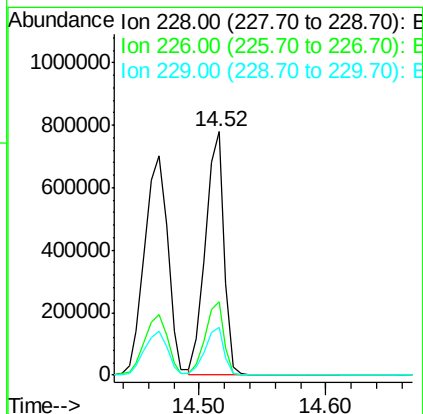
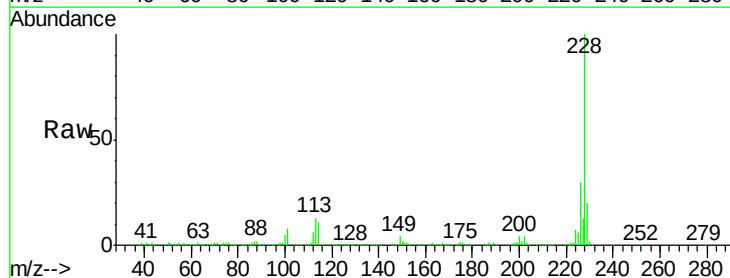
Instrument :
 BNA_F
 ClientSampleId :
 PB98252BSD

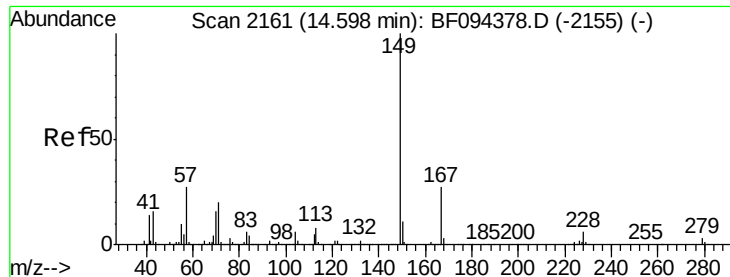
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.2	51.5	77.3
126	13.5	15.8	23.8



#82
 Chrysene
 Concen: 40.89 ng
 RT: 14.52 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BF094431.D
 Acq: 14 Apr 2017 16:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.7	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.44 ng

RT: 14.53 min Scan# 2150

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB98252BSD

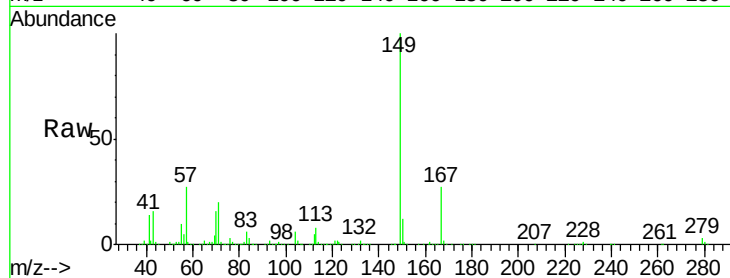
Tot Ion:149 Resp: 709973

Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.4

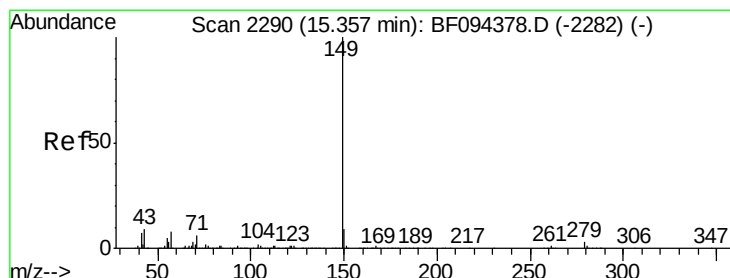
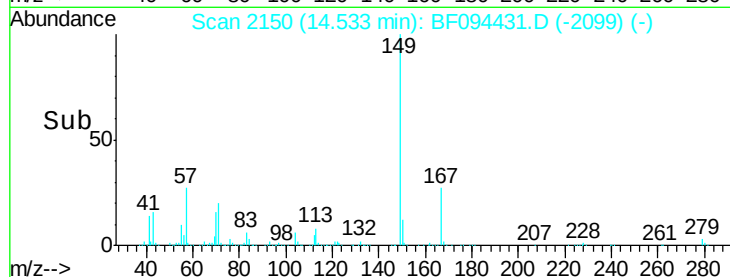
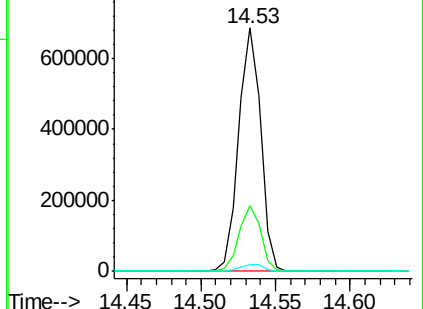
279 3.0 1.9 2.9#



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: 43.40 ng

RT: 15.29 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

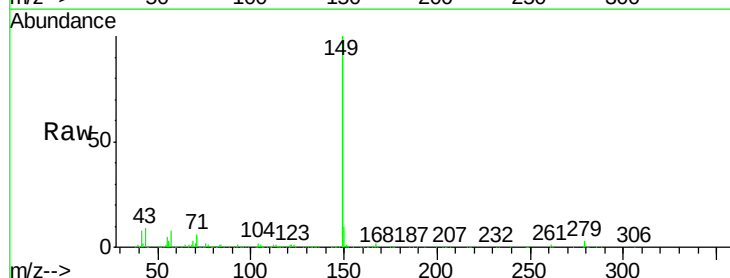
Tgt Ion:149 Resp: 1108313

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

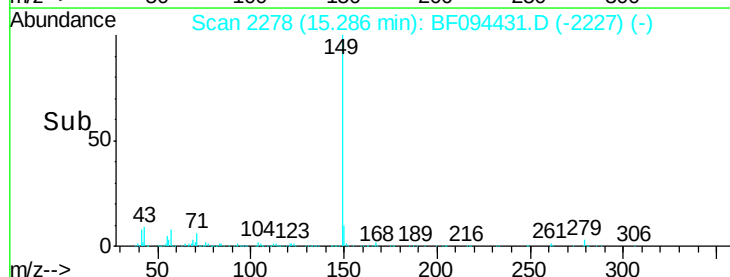
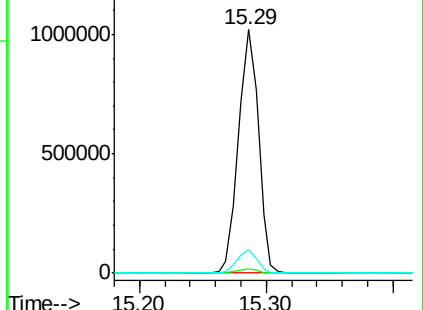
43 9.4 8.5 12.7

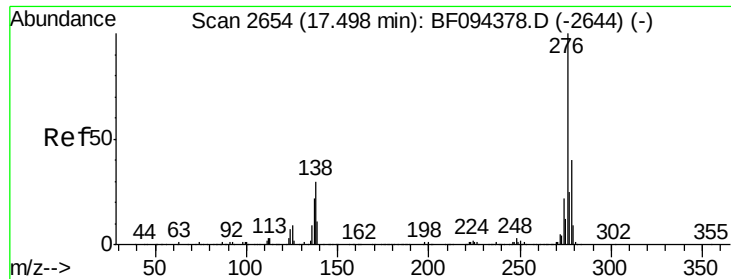


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

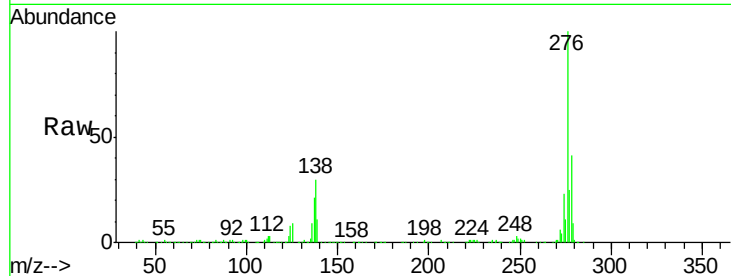




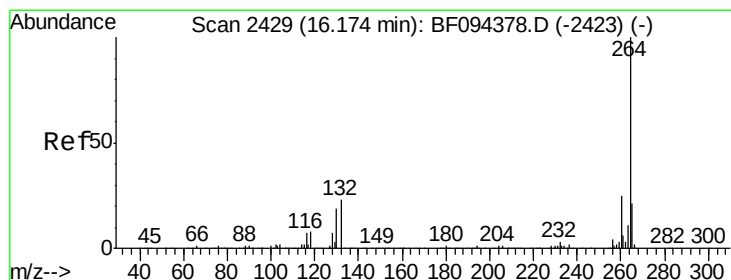
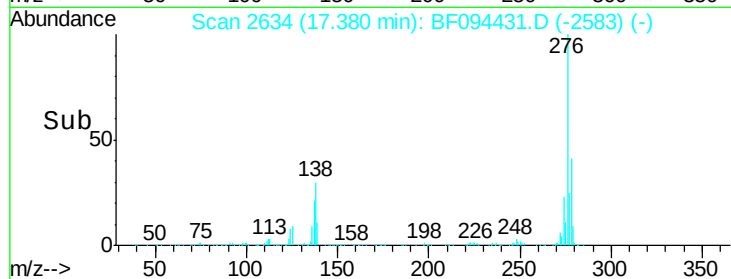
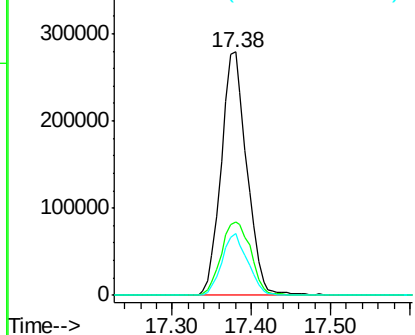
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.91 ng
RT: 17.38 min Scan# 2634
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
PB98252BSD

Tot Ion:276 Resp: 626749
Ion Ratio Lower Upper
276 100
138 34.8 27.8 41.6
277 25.5 20.2 30.4

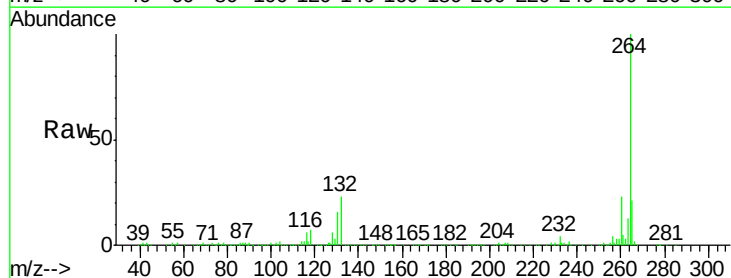


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

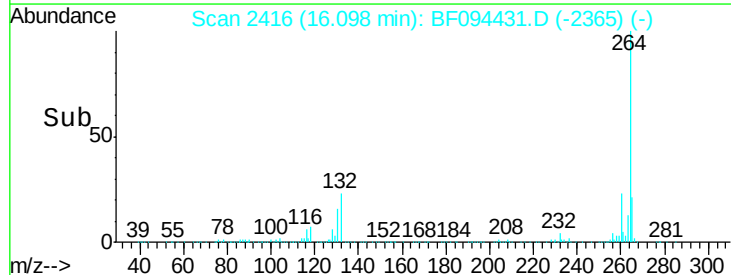
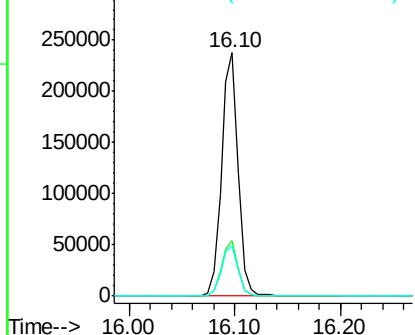


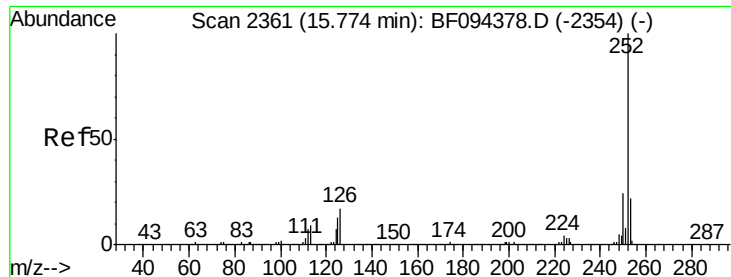
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.10 min Scan# 2416
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:264 Resp: 259393
Ion Ratio Lower Upper
264 100
260 22.8 19.5 29.3
265 20.9 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

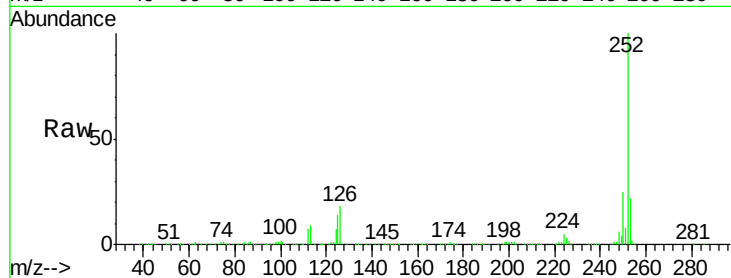




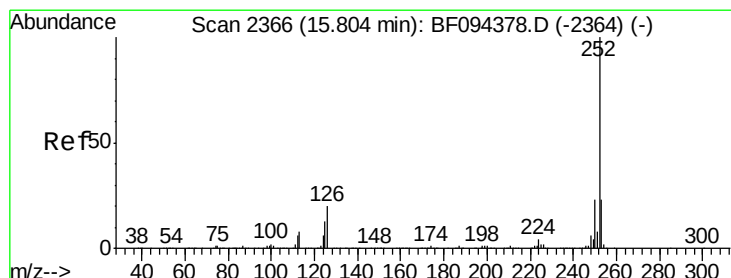
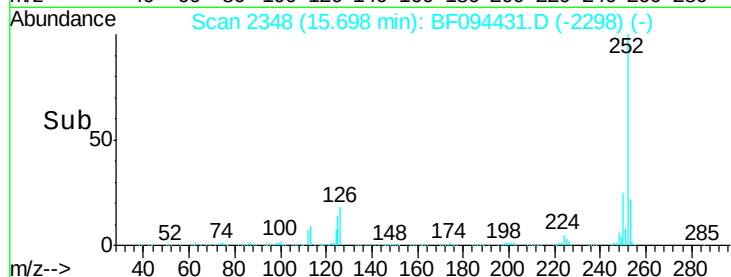
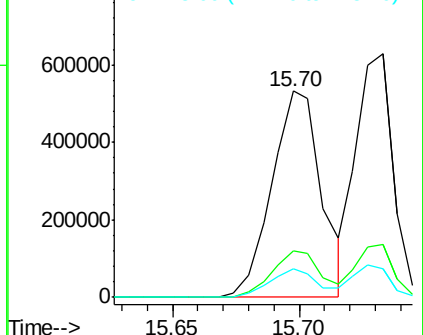
#87
Benzo(b)fluoranthene
Concen: 45.80 ng
RT: 15.70 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Instrument :
BNA_F
ClientSampleId :
PB98252BSD

Tot Ion:252 Resp: 728272
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 13.7 9.8 14.8

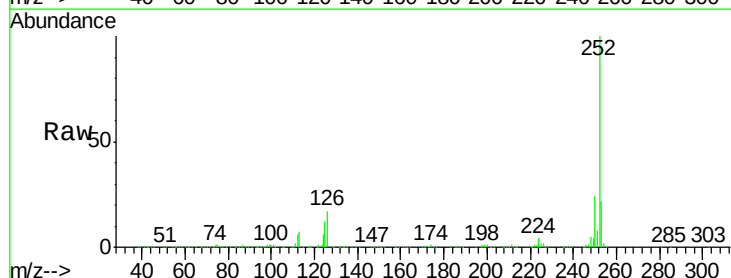


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

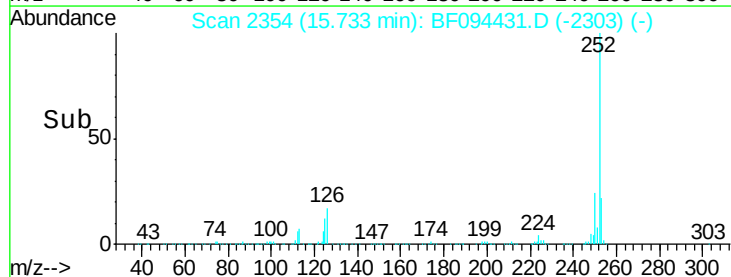
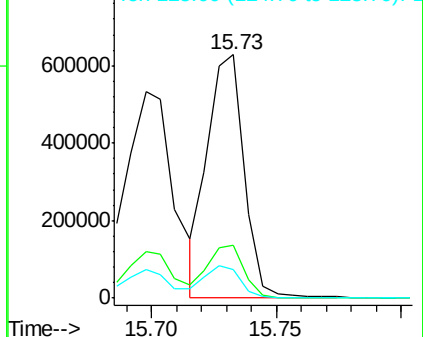


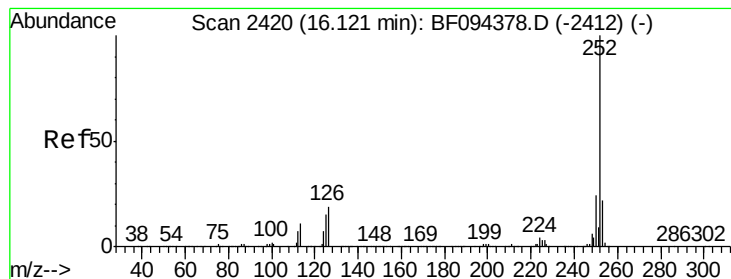
#88
Benzo(k)fluoranthene
Concen: 41.42 ng m
RT: 15.73 min Scan# 2354
Delta R.T. -0.00 min
Lab File: BF094431.D
Acq: 14 Apr 2017 16:34

Tgt Ion:252 Resp: 644382
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 11.8 13.1 19.7#



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





#89

Benzo(a)pyrene

Concen: 43.15 ng

RT: 16.04 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB98252BSD

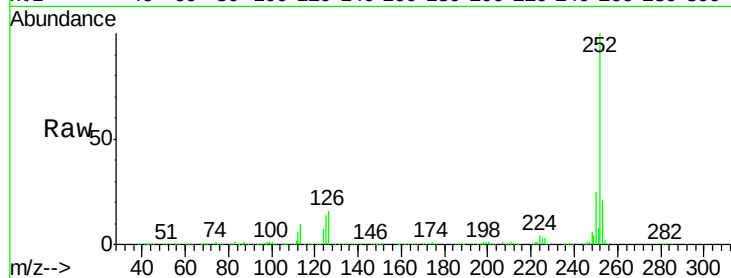
Tot Ion:252 Resp: 631764

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

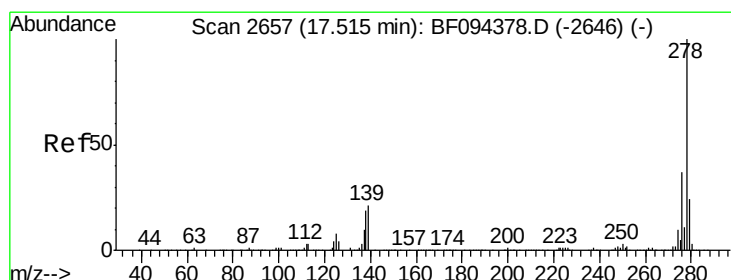
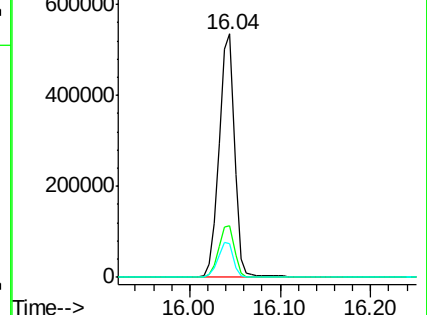
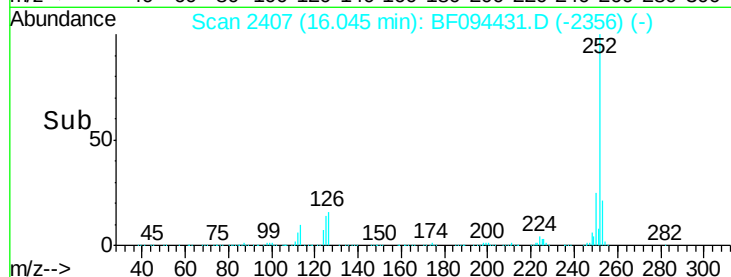
125 13.7 11.0 16.4



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: 41.97 ng

RT: 17.40 min Scan# 2637

Delta R.T. -0.01 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

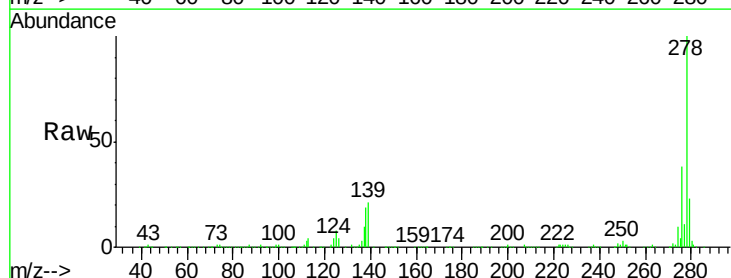
Tgt Ion:278 Resp: 520426

Ion Ratio Lower Upper

278 100

139 21.5 16.6 24.8

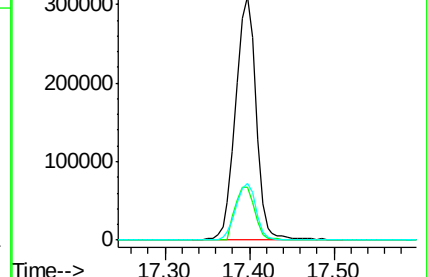
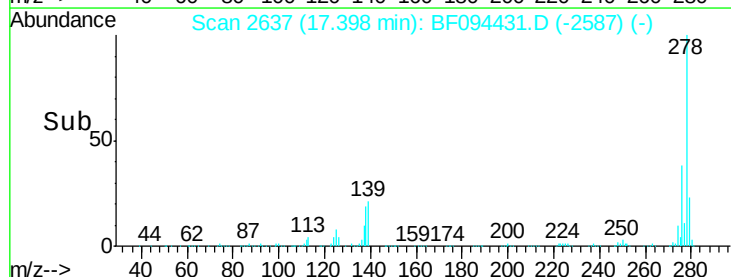
279 23.5 19.3 28.9

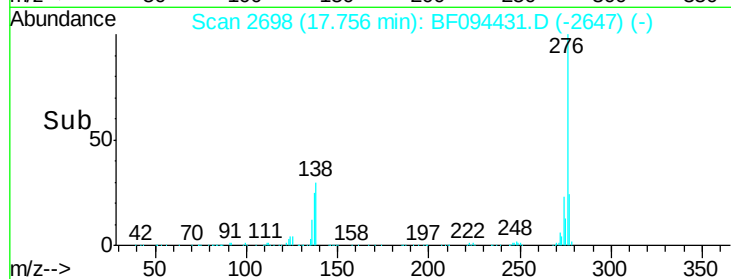
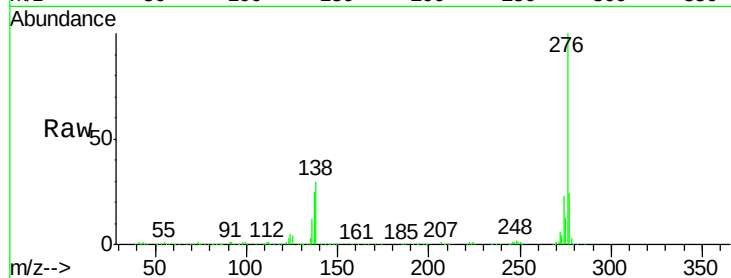
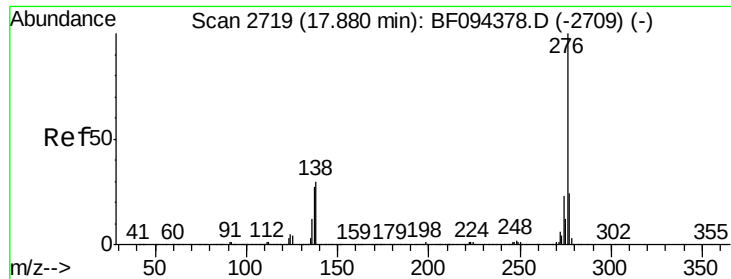


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.60 ng

RT: 17.76 min Scan# 2698

Delta R.T. -0.00 min

Lab File: BF094431.D

Acq: 14 Apr 2017 16:34

Instrument :

BNA_F

ClientSampleId :

PB98252BSD

Tot Ion:276 Resp: 532375

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 30.3 25.4 38.0

