

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094481.D
 Acq On : 18 Apr 2017 12:25
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 01:08:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	125726	20.00	ng	0.01
21) Naphthalene-d8	7.27	136	540765	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	245854	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	452179	20.00	ng	0.00
75) Chrysene-d12	14.47	240	392229	20.00	ng	0.00
86) Perylene-d12	16.09	264	344536	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	626397	82.66	ng	0.02
7) Phenol-d6	5.40	99	692741	77.54	ng	0.01
23) Nitrobenzene-d5	6.43	82	693159	79.15	ng	0.01
41) 2,4,6-Tribromophenol	10.38	330	163494	85.02	ng	0.00
44) 2-Fluorobiphenyl	8.59	172	1268224	75.90	ng	0.00
78) Terphenyl-d14	13.20	244	1154805	78.70	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.10	88	180323	40.92	ng	96
3) Pyridine	2.62	79	399918	41.52	ng	98
4) n-Nitrosodimethylamine	2.58	42	162128	40.68	ng	88
6) Aniline	5.40	93	452892	38.15	ng	89
8) 2-Chlorophenol	5.55	128	341773	39.63	ng	96
9) Benzaldehyde	5.27	77	236448	34.79	ng	97
10) Phenol	5.42	94	425143	38.74	ng	95
11) bis(2-Chloroethyl)ether	5.49	93	318859	39.77	ng	96
12) 1,3-Dichlorobenzene	5.70	146	378713	39.64	ng	100
13) 1,4-Dichlorobenzene	5.79	146	379133	39.44	ng	96
14) 1,2-Dichlorobenzene	5.97	146	354997	40.10	ng	95
15) Benzyl Alcohol	5.95	79	269653	40.69	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.10	45	453105	43.10	ng	81
17) 2-Methylphenol	6.09	107	284259	41.85	ng	96
18) Hexachloroethane	6.36	117	137096	41.61	ng	# 86
19) n-Nitroso-di-n-propylamine	6.26	70	260312	43.98	ng	95
20) 3+4-Methylphenols	6.28	107	396015	42.91	ng	# 62
22) Acetophenone	6.25	105	518125	39.41	ng	# 85
24) Nitrobenzene	6.45	77	372537	40.39	ng	95
25) Isophorone	6.74	82	660888	40.71	ng	95
26) 2-Nitrophenol	6.82	139	201480	40.67	ng	96
27) 2,4-Dimethylphenol	6.90	122	321821	39.99	ng	98
28) bis(2-Chloroethoxy)methane	7.00	93	427085	40.67	ng	98
29) 2,4-Dichlorophenol	7.12	162	304025	40.61	ng	98
30) 1,2,4-Trichlorobenzene	7.20	180	306609	39.61	ng	98
31) Naphthalene	7.30	128	1023394	39.37	ng	99
32) Benzoic acid	7.07	122	185098	43.49	ng	94
33) 4-Chloroaniline	7.37	127	432250	39.97	ng	94
34) Hexachlorobutadiene	7.45	225	154423	40.02	ng	99
35) Caprolactam	7.83	113	69512	29.55	ng	90
36) 4-Chloro-3-methylphenol	7.99	107	306157	39.02	ng	90
37) 2-Methylnaphthalene	8.13	142	710142	39.93	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	278636	39.80	ng	100
40) Hexachlorocyclopentadiene	8.33	237	128124	45.24	ng	96

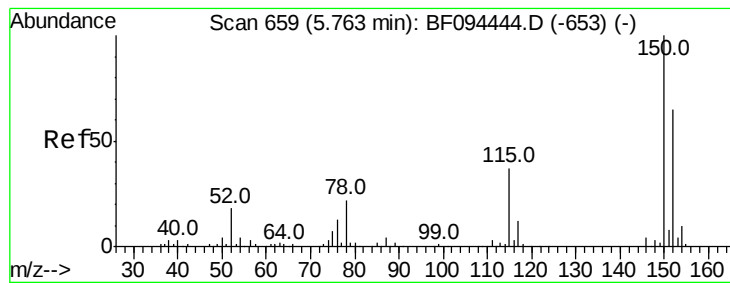
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041817\
 Data File : BF094481.D
 Acq On : 18 Apr 2017 12:25
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
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Instrument :
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Quant Time: Apr 19 01:08:28 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	195217	39.71	ng	97
43) 2,4,5-Trichlorophenol	8.55	196	202169	40.04	ng	94
45) 1,1'-Biphenyl	8.71	154	789732	39.32	ng	99
46) 2-Chloronaphthalene	8.73	162	634066	39.70	ng	96
47) 2-Nitroaniline	8.86	65	184389	40.13	ng	# 83
48) Acenaphthylene	9.23	152	968231	38.89	ng	99
49) Dimethylphthalate	9.10	163	751633	41.02	ng	99
50) 2,6-Dinitrotoluene	9.17	165	167151	40.64	ng	92
51) Acenaphthene	9.45	154	589611	39.54	ng	99
52) 3-Nitroaniline	9.37	138	185356	38.96	ng	85
53) 2,4-Dinitrophenol	9.50	184	83790	40.60	ng	# 76
54) Dibenzofuran	9.66	168	854303	39.41	ng	100
55) 4-Nitrophenol	9.63	139	132123	39.31	ng	# 78
56) 2,4-Dinitrotoluene	9.66	165	208354	41.29	ng	# 74
57) Fluorene	10.07	166	670163	39.70	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	156135	43.15	ng	95
59) Diethylphthalate	9.97	149	721961	41.76	ng	99
60) 4-Chlorophenyl-phenylether	10.09	204	293810	41.83	ng	90
61) 4-Nitroaniline	10.13	138	174128	36.00	ng	98
62) Azobenzene	10.28	77	693876	41.34	ng	96
64) 4,6-Dinitro-2-methylphenol	10.17	198	119150	40.22	ng	# 66
65) n-Nitrosodiphenylamine	10.24	169	614240	39.06	ng	99
66) 4-Bromophenyl-phenylether	10.68	248	177387	39.51	ng	96
67) Hexachlorobenzene	10.75	284	179885	39.75	ng	# 85
68) Atrazine	10.92	200	194553	41.35	ng	97
69) Pentachlorophenol	11.00	266	85304	47.48	ng	96
70) Phenanthrene	11.25	178	994808	39.07	ng	99
71) Anthracene	11.32	178	1034220	39.27	ng	98
72) Carbazole	11.52	167	967566	39.14	ng	98
73) Di-n-butylphthalate	11.97	149	1163121	42.73	ng	99
74) Fluoranthene	12.71	202	1048088	39.71	ng	98
76) Benzidine	12.89	184	597330	37.61	ng	96
77) Pyrene	12.99	202	1064358	38.84	ng	99
79) Butylbenzylphthalate	13.81	149	508165	42.31	ng	# 86
80) Benzo(a)anthracene	14.46	228	905820	39.73	ng	99
81) 3,3'-Dichlorobenzidine	14.44	252	319193	39.55	ng	# 97
82) Chrysene	14.50	228	830043	39.84	ng	99
83) Bis(2-ethylhexyl)phthalate	14.53	149	713122	44.23	ng	# 98
84) Di-n-octyl phthalate	15.28	149	1189804	43.99	ng	98
85) Indeno(1,2,3-cd)pyrene	17.37	276	743876	37.52	ng	99
87) Benzo(b)fluoranthene	15.69	252	877499	41.63	ng	99
88) Benzo(k)fluoranthene	15.73	252	737796	36.99	ng	# 94
89) Benzo(a)pyrene	16.04	252	769500	39.24	ng	99
90) Dibenzo(a,h)anthracene	17.39	278	625488	38.42	ng	97
91) Benzo(g,h,i)perylene	17.74	276	594452	35.86	ng	98

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

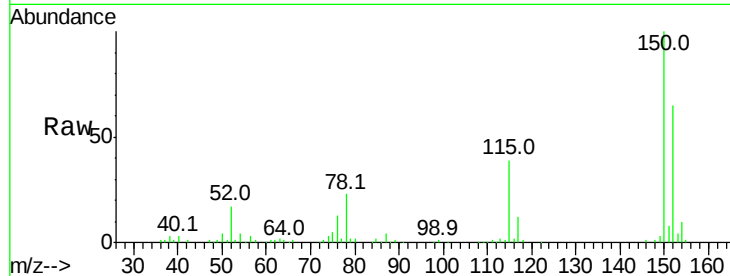


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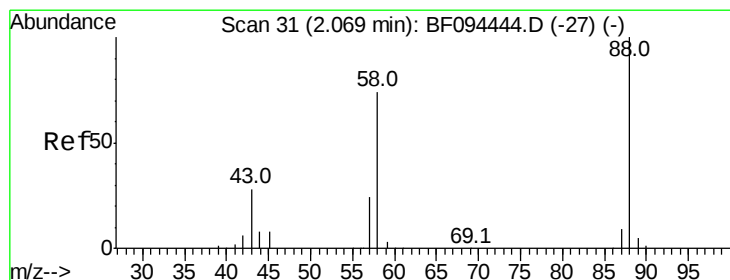
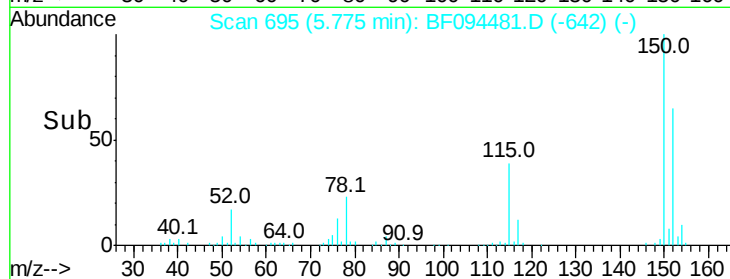
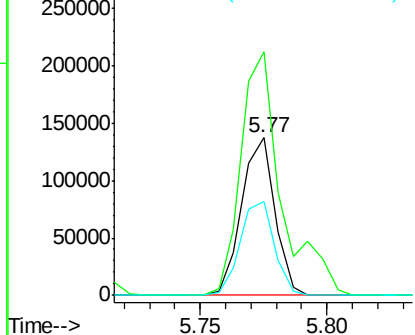
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125726
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 59.8 52.2 78.2



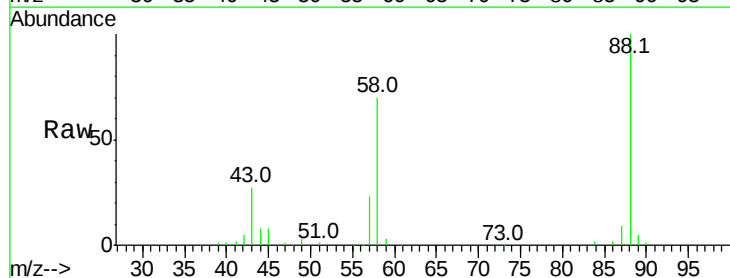
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



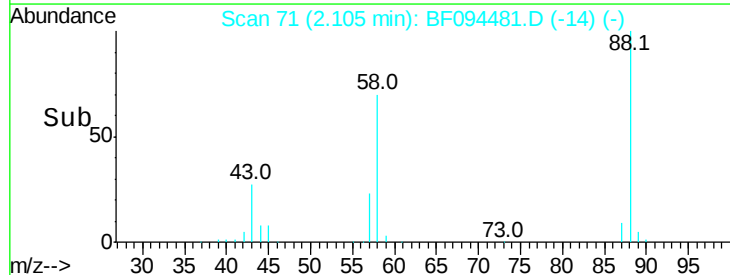
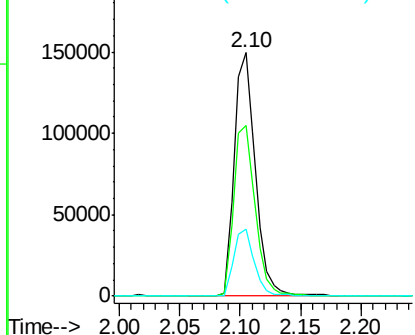
#2

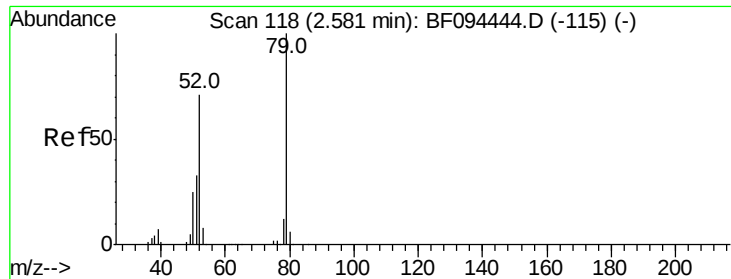
1,4-Dioxane
Concen: 40.92 ng
RT: 2.10 min Scan# 71
Delta R.T. 0.04 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Tgt Ion: 88 Resp: 180323
Ion Ratio Lower Upper
88 100
58 72.6 61.4 92.0
43 27.5 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: 41.52 ng

RT: 2.62 min Scan# 159

Delta R.T. 0.04 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

Instrument :

BNA_F

ClientSampleId :

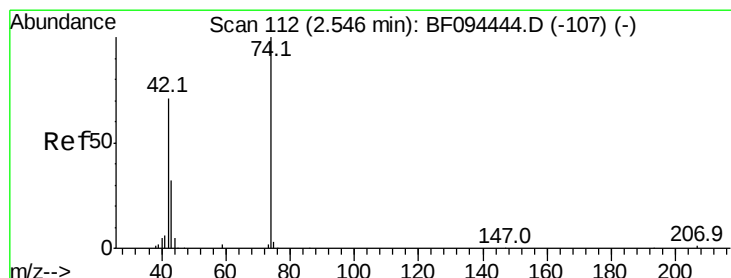
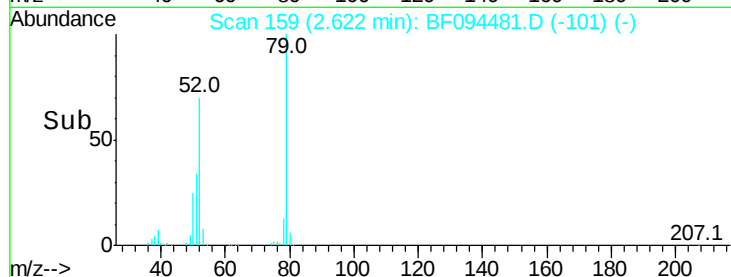
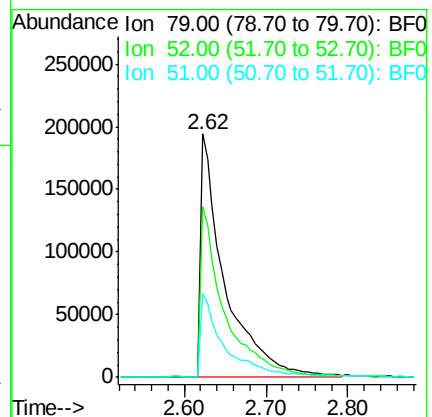
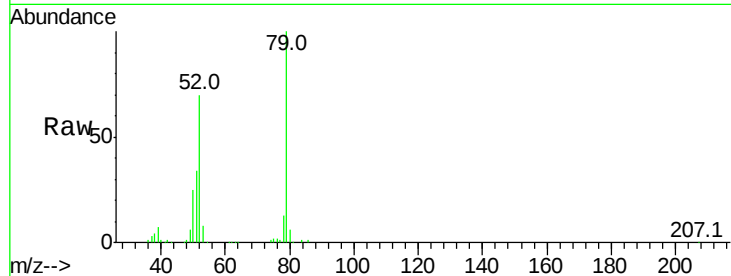
Tot Ion: 79 Resp: 399918

Ion Ratio Lower Upper

79 100

52 70.0 54.8 82.2

51 34.4 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 40.68 ng

RT: 2.58 min Scan# 151

Delta R.T. 0.03 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

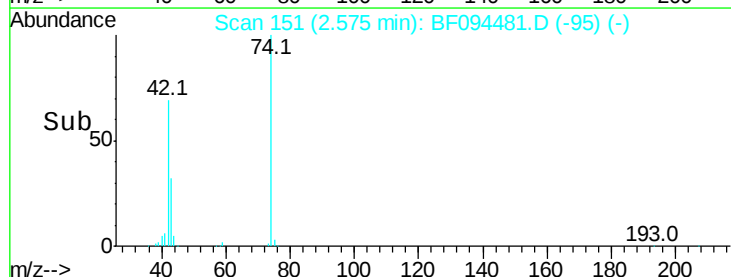
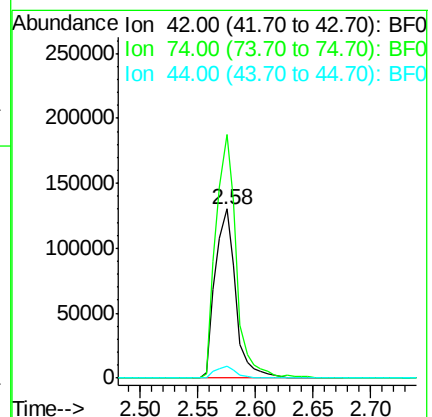
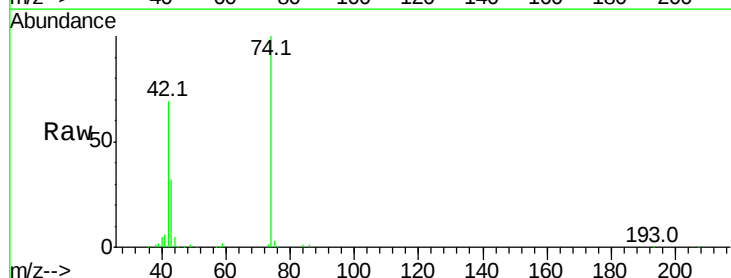
Tgt Ion: 42 Resp: 162128

Ion Ratio Lower Upper

42 100

74 144.1 103.9 155.9

44 6.9 5.7 8.5





#5

2-Fluorophenol

Concen: 82.66 ng

RT: 4.32 min Scan# 448

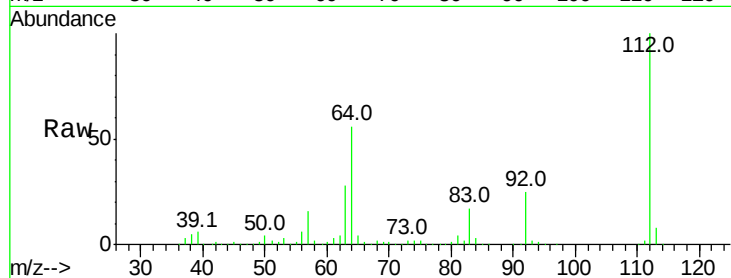
Delta R.T. 0.02 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

Instrument :
BNA_F
ClientSampled :

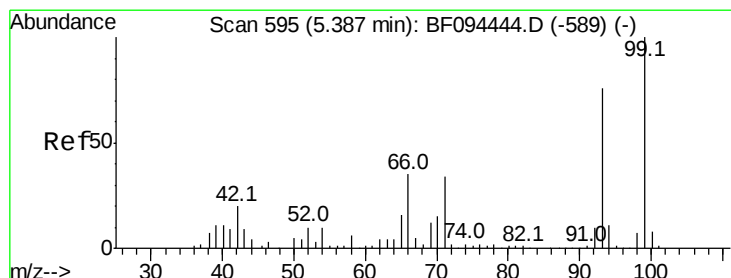
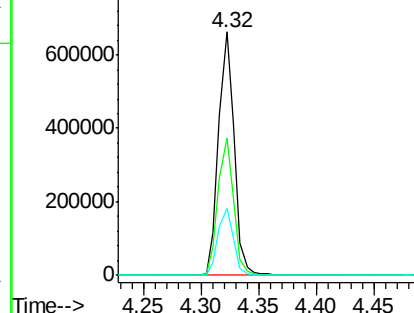
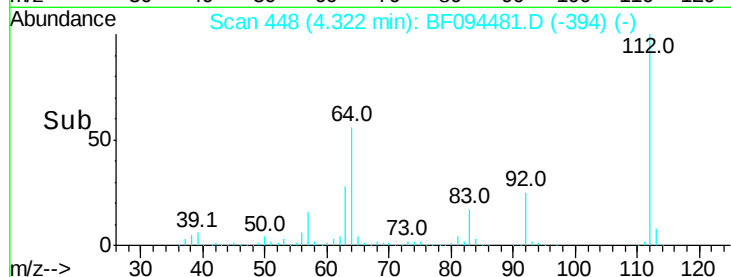
Tot Ion:	112	Resp:	626397
Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.0	69.0
63	27.6	23.4	35.0



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: 38.15 ng

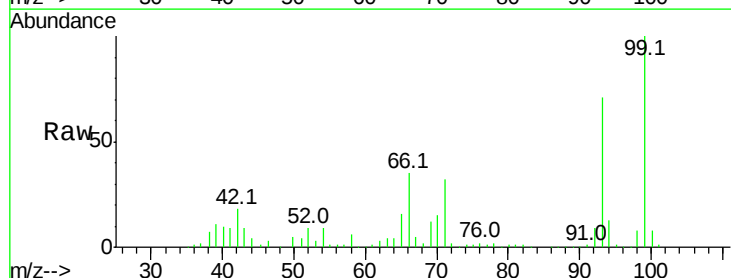
RT: 5.40 min Scan# 632

Delta R.T. 0.02 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

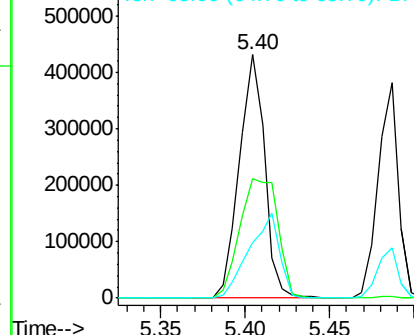
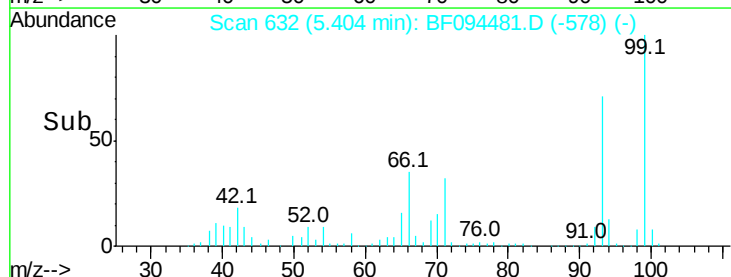
Tgt Ion:	93	Resp:	452892
Ion	Ratio	Lower	Upper
93	100		
66	49.3	32.9	49.3
65	22.8	16.0	24.0

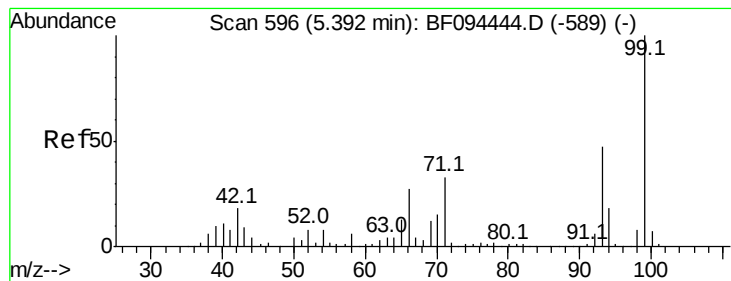


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.54 ng

RT: 5.40 min Scan# 632

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

Instrument :

BNA_F

ClientSampleId :

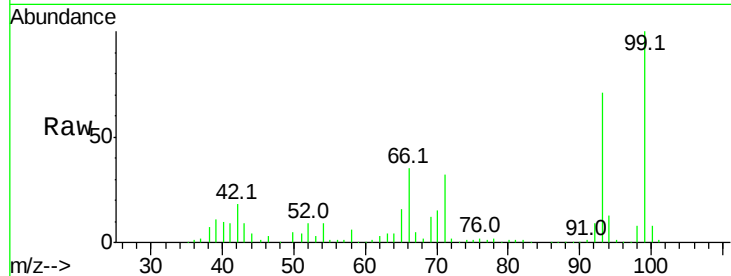
Tot Ion: 99 Resp: 692741

Ion Ratio Lower Upper

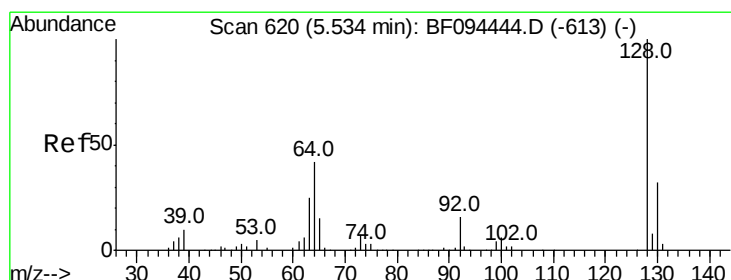
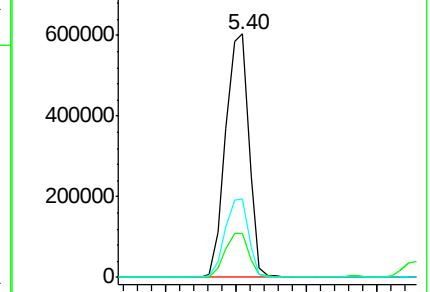
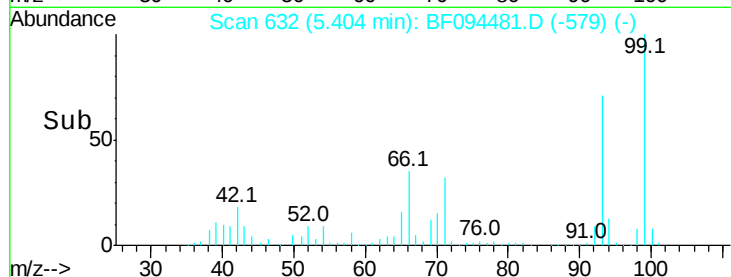
99 100

42 18.0 13.5 20.3

71 32.1 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: 39.63 ng

RT: 5.55 min Scan# 656

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

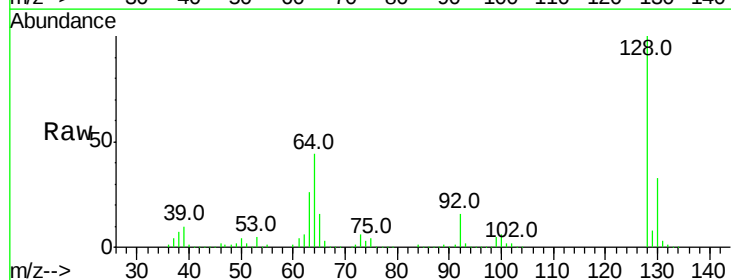
Tgt Ion: 128 Resp: 341773

Ion Ratio Lower Upper

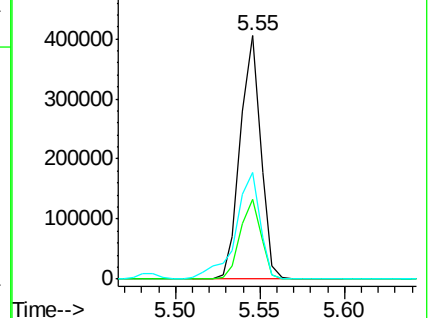
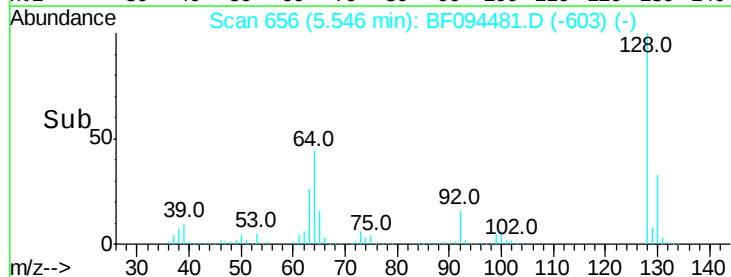
128 100

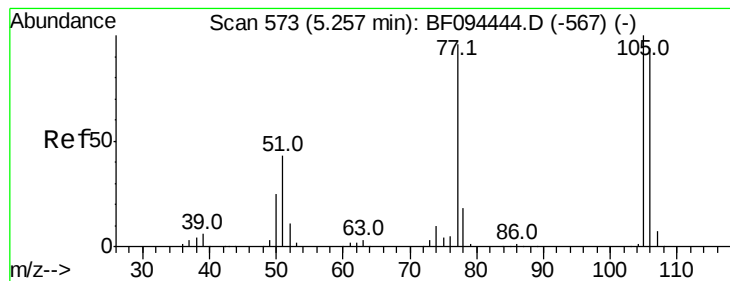
130 32.8 12.9 52.9

64 43.9 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: 34.79 ng

RT: 5.27 min Scan# 610

Delta R.T. 0.02 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

Instrument :

BNA_F

ClientSampleId :

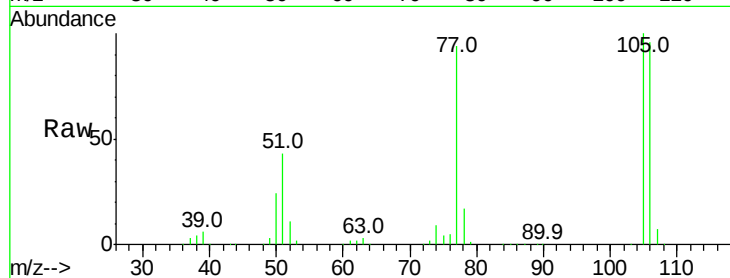
Tot Ion: 77 Resp: 236448

Ion Ratio Lower Upper

77 100

105 106.3 83.8 123.8

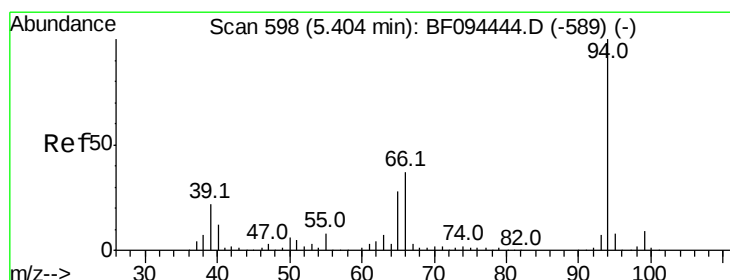
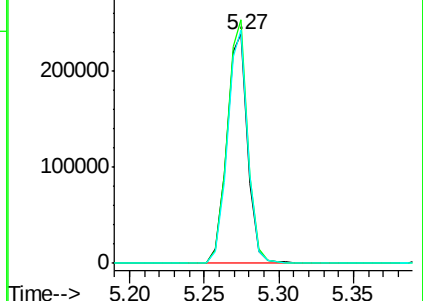
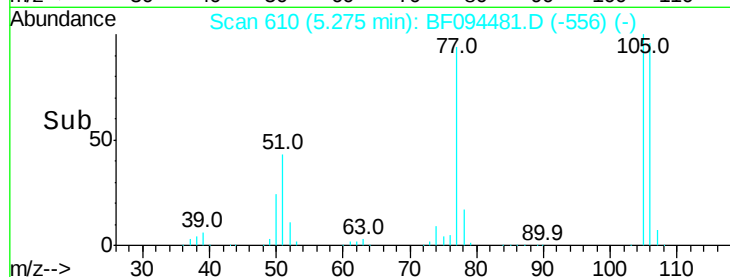
106 101.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.74 ng

RT: 5.42 min Scan# 634

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

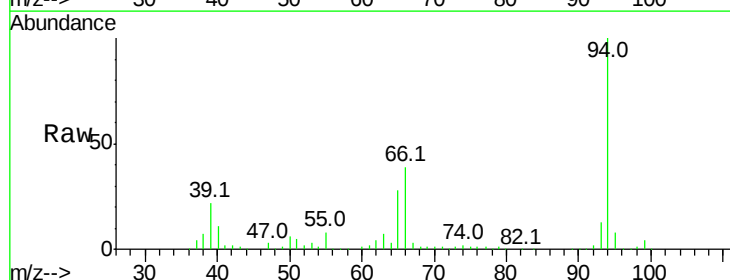
Tgt Ion: 94 Resp: 425143

Ion Ratio Lower Upper

94 100

65 28.3 9.9 49.9

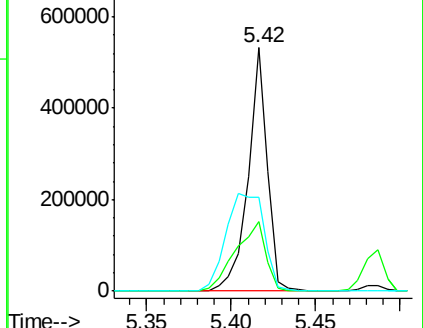
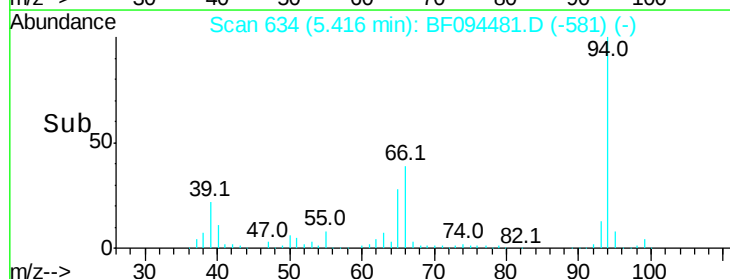
66 38.6 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.77 ng

RT: 5.49 min Scan# 646

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

Instrument :

BNA_F

ClientSampled :

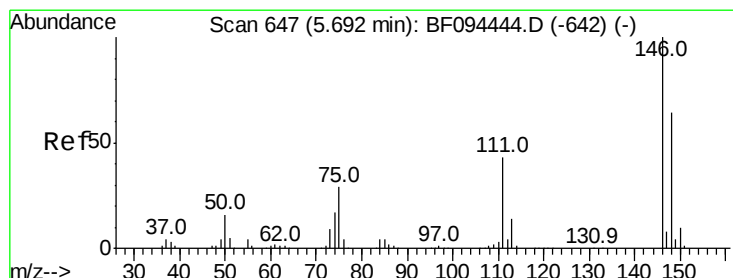
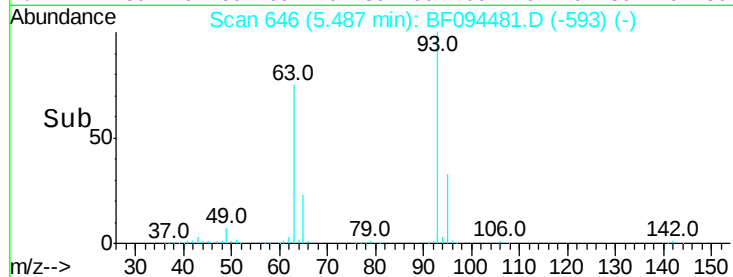
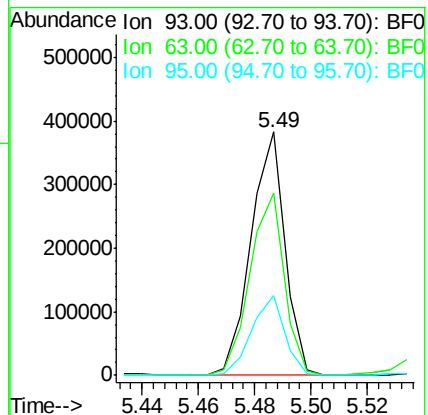
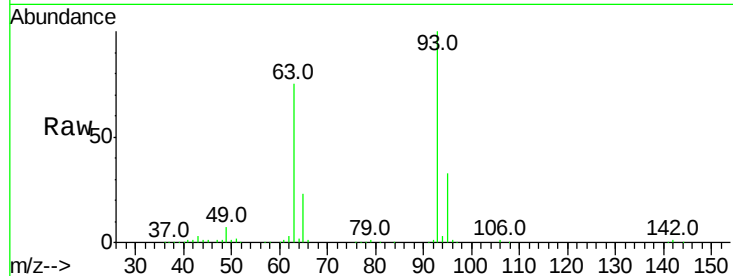
Tot Ion: 93 Resp: 318859

Ion Ratio Lower Upper

93 100

63 74.7 59.2 99.2

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.64 ng

RT: 5.70 min Scan# 683

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

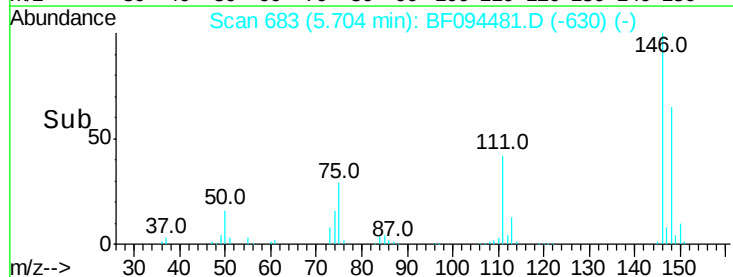
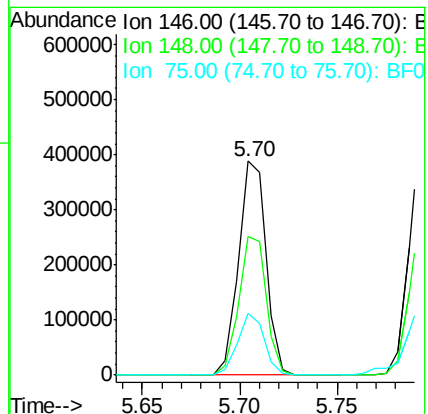
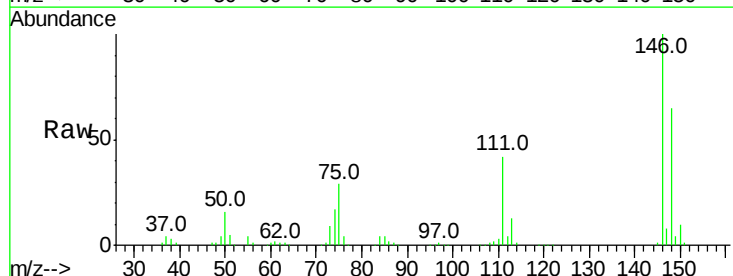
Tgt Ion: 146 Resp: 378713

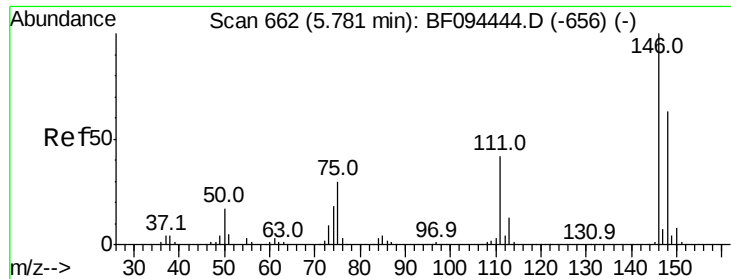
Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

75 29.2 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.44 ng

RT: 5.79 min Scan# 698

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

Instrument :

BNA_F

ClientSampled :

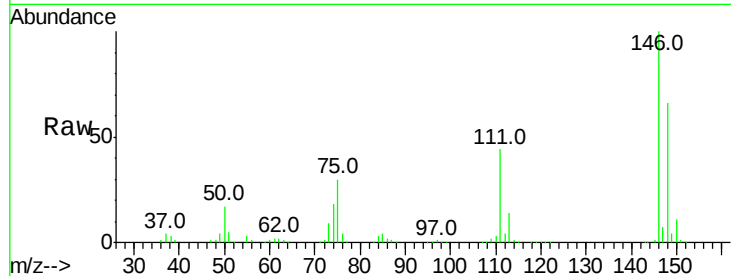
Tot Ion:146 Resp: 379133

Ion Ratio Lower Upper

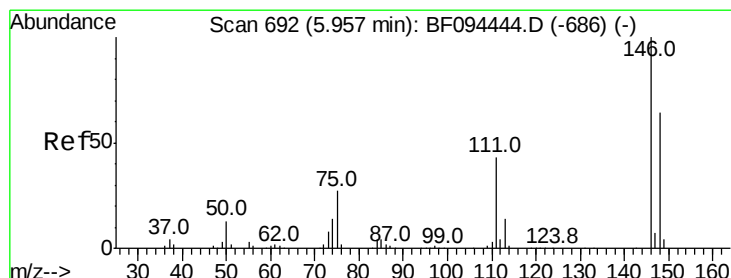
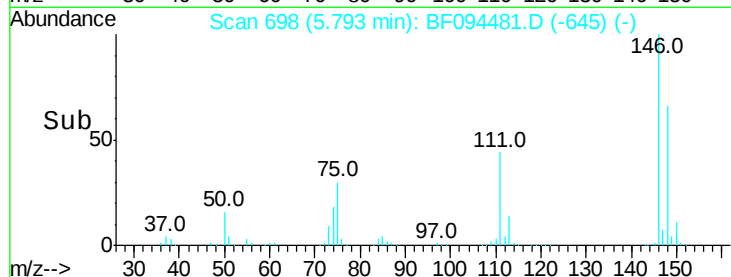
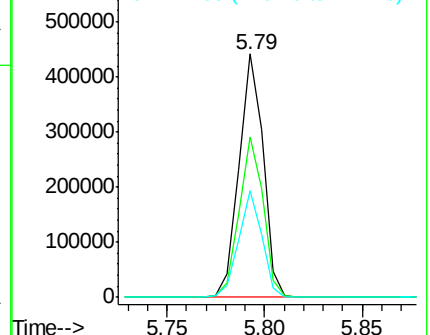
146 100

148 66.0 52.2 78.2

111 43.9 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 40.10 ng

RT: 5.97 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

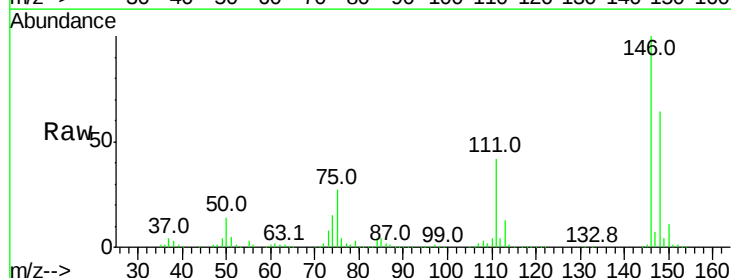
Tgt Ion:146 Resp: 354997

Ion Ratio Lower Upper

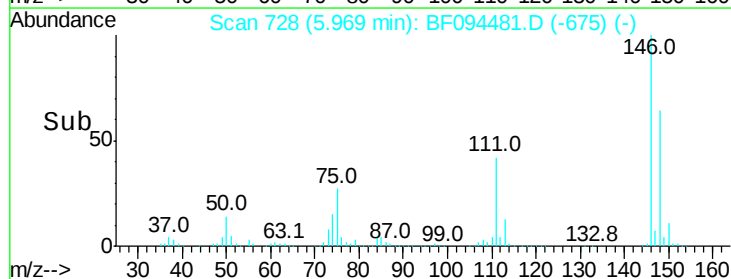
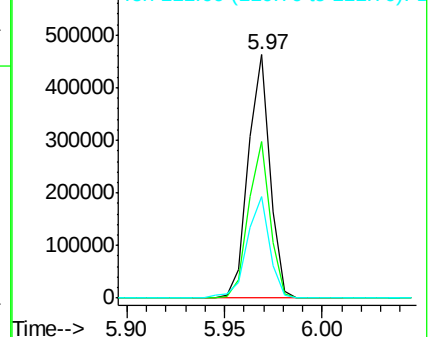
146 100

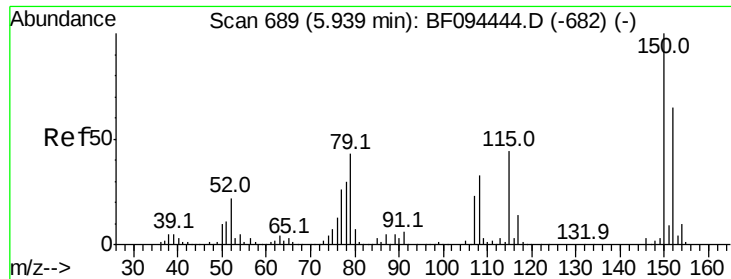
148 64.5 50.4 75.6

111 41.8 38.2 57.4



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

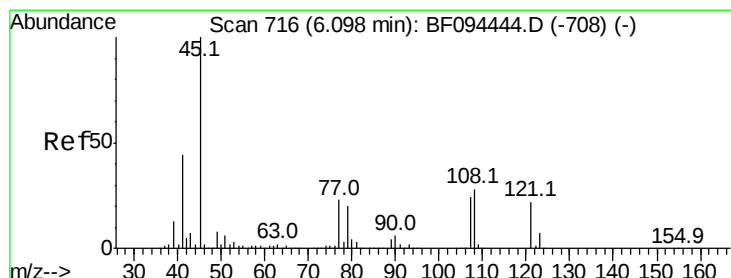
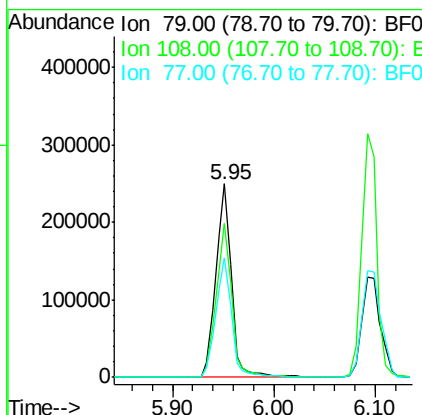
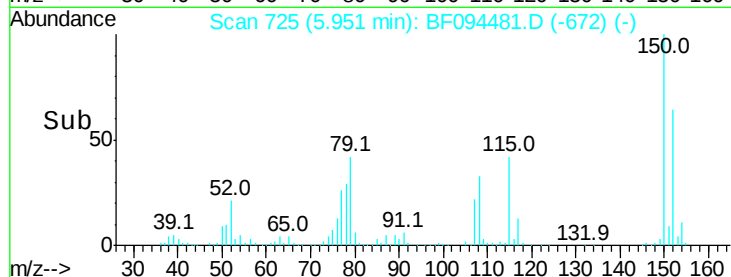
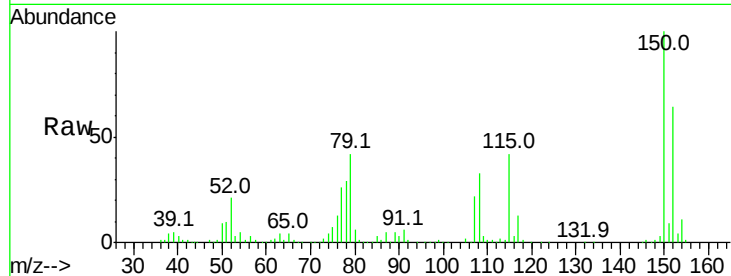




#15
Benzyl Alcohol
Concen: 40.69 ng
RT: 5.95 min Scan# 725
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

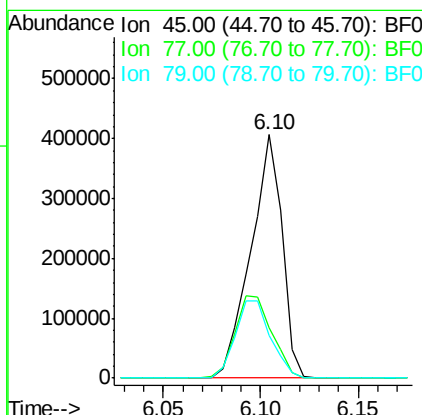
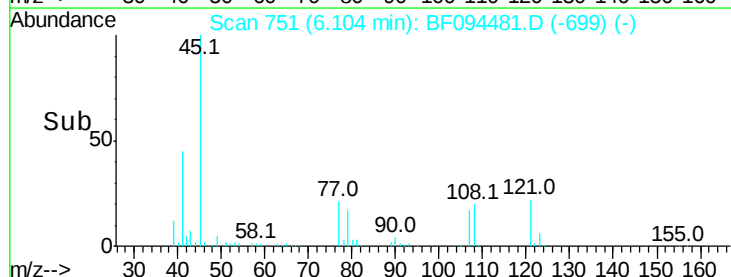
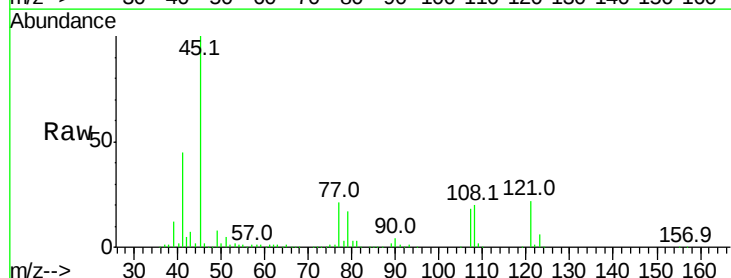
Instrument :
BNA_F
ClientSampleId :

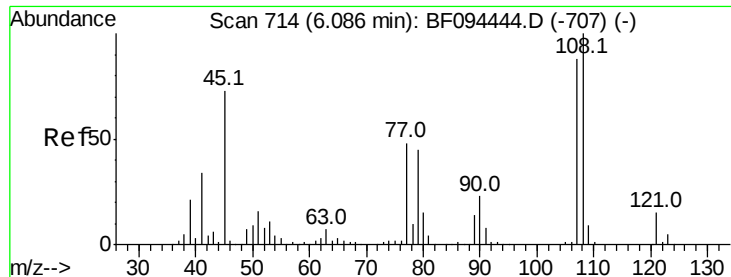
Tot Ion: 79 Resp: 269653
Ion Ratio Lower Upper
79 100
108 79.6 63.4 95.0
77 61.7 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.10 ng
RT: 6.10 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Tgt Ion: 45 Resp: 453105
Ion Ratio Lower Upper
45 100
77 20.7 0.0 33.2
79 17.5 0.0 30.0

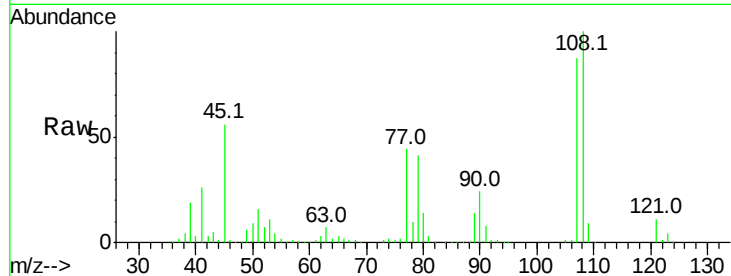




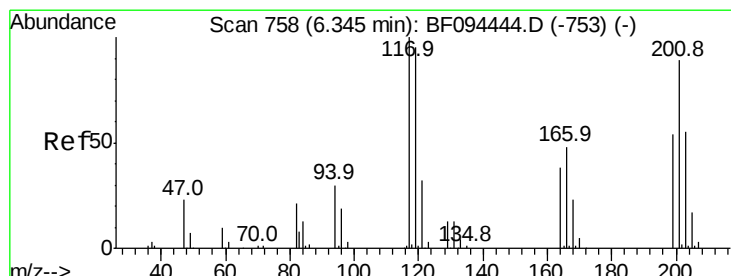
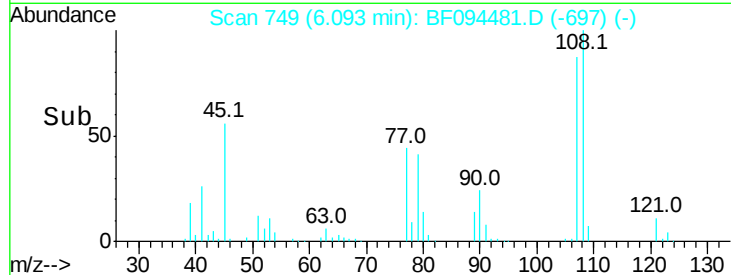
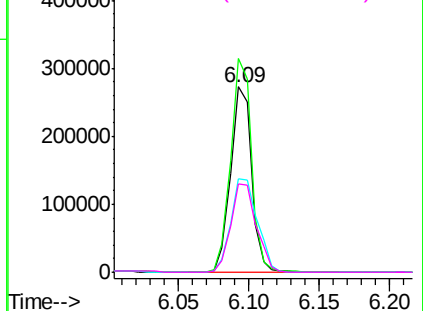
#17
2-Methylphenol
Concen: 41.85 ng
RT: 6.09 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	284259
Ion	Ratio	Lower	Upper
107	100		
108	115.1	93.4	140.0
77	50.5	35.8	53.6
79	47.3	34.8	52.2

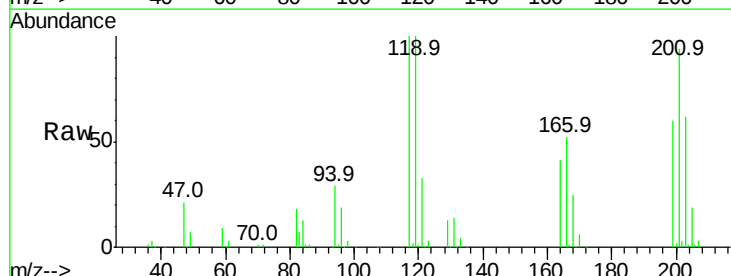


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

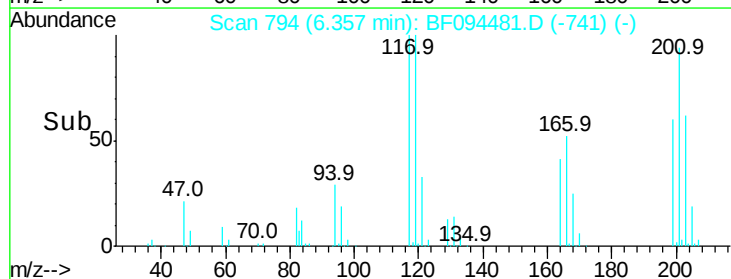
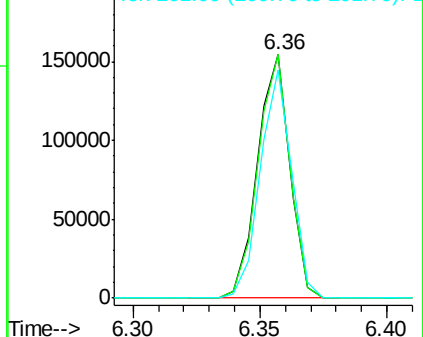


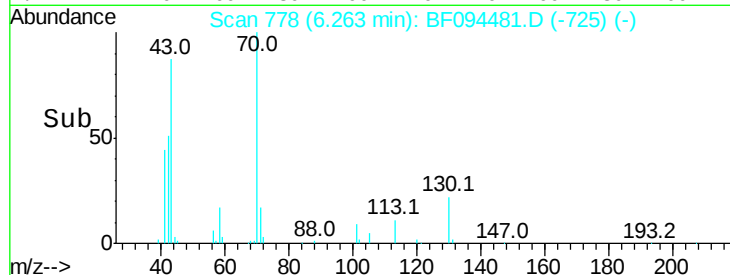
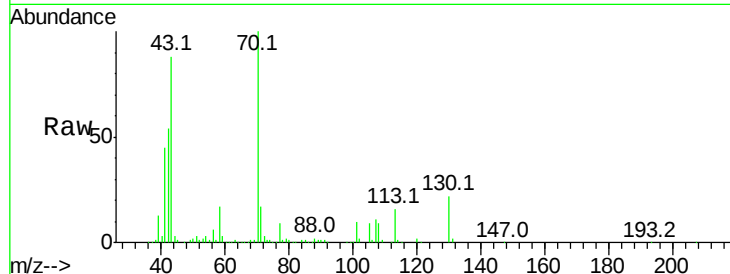
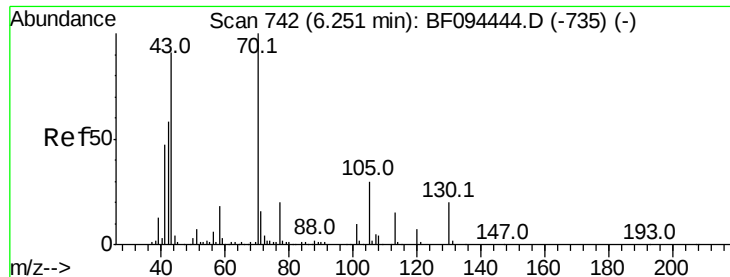
#18
Hexachloroethane
Concen: 41.61 ng
RT: 6.36 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Tgt Ion:	117	Resp:	137096
Ion	Ratio	Lower	Upper
117	100		
119	100.0	77.4	116.0
201	93.7	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

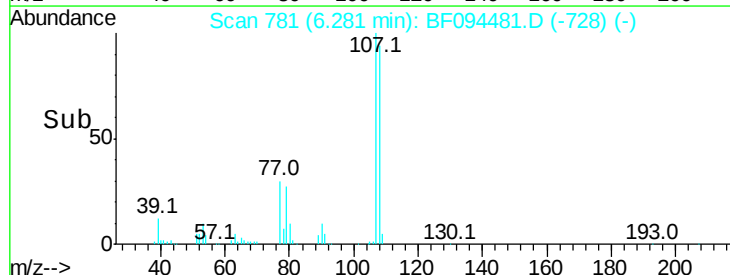
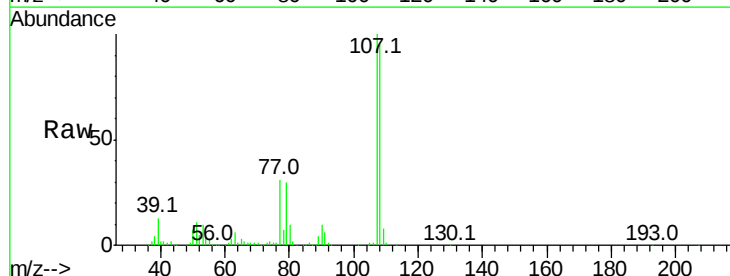
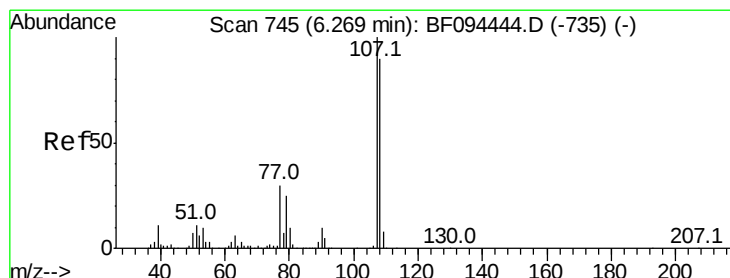
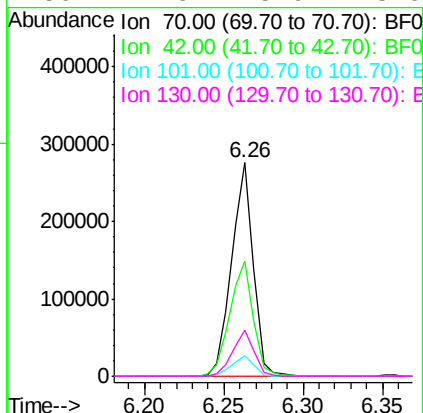




#19
n-Nitroso-di-n-propylamine
Concen: 43.98 ng
RT: 6.26 min Scan# 778
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

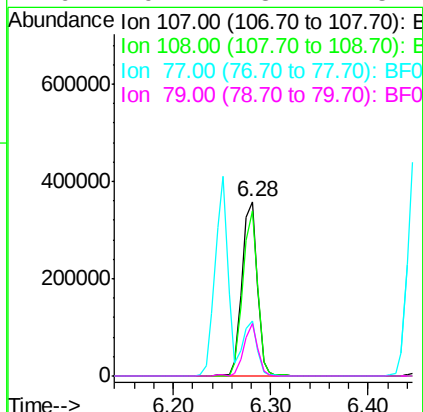
Instrument :
BNA_F
ClientSampleId :

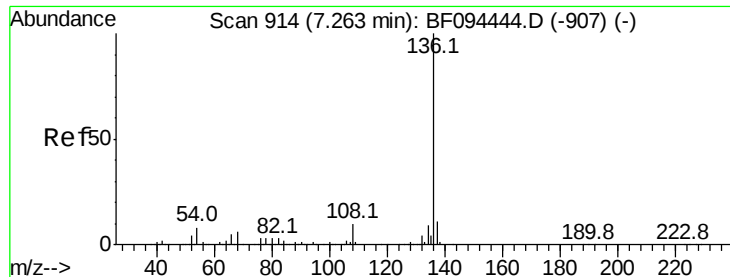
Tot Ion:	70	Resp:	260312
Ion	Ratio	Lower	Upper
70	100		
42	54.1	47.2	70.8
101	9.8	7.2	10.8
130	21.6	15.9	23.9



#20
3+4-Methylphenols
Concen: 42.91 ng
RT: 6.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Tgt Ion:	107	Resp:	396015
Ion	Ratio	Lower	Upper
107	100		
108	94.8	71.0	111.0
77	31.5	90.5	130.5#
79	29.7	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.27 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 540765

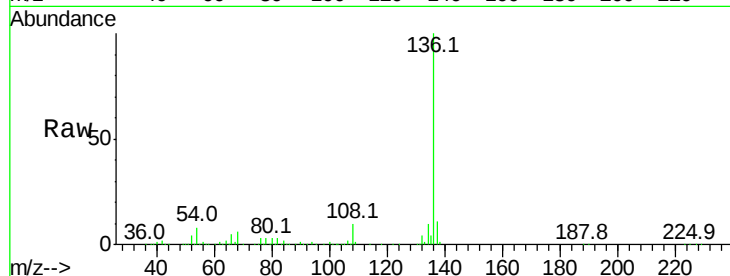
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.6 4.9 7.3#

68 5.9 4.1 6.1

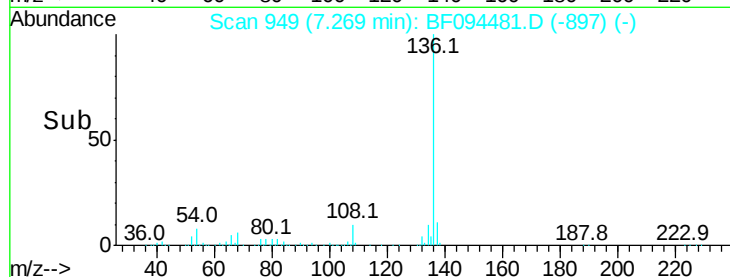


Abundance Ion 136.00 (135.70 to 136.70): E

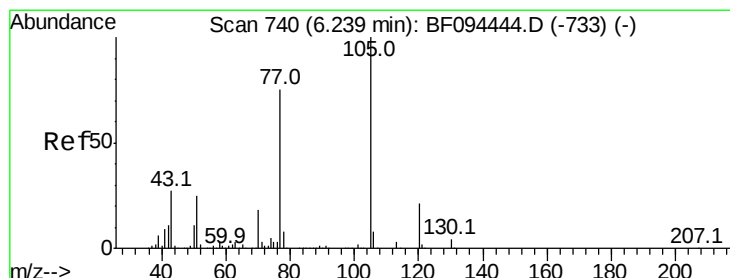
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 39.41 ng

RT: 6.25 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

Tgt Ion:105 Resp: 518125

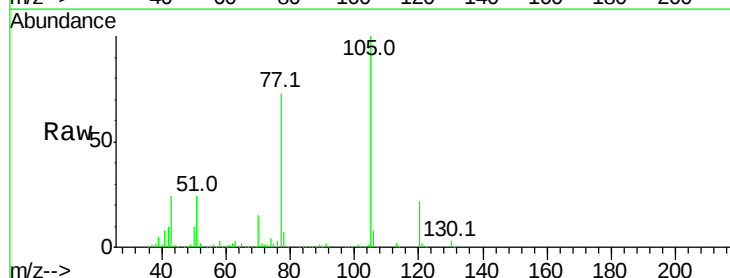
Ion Ratio Lower Upper

105 100

71 2.4 2.8 4.2#

51 23.9 30.7 46.1#

120 21.7 17.4 26.0

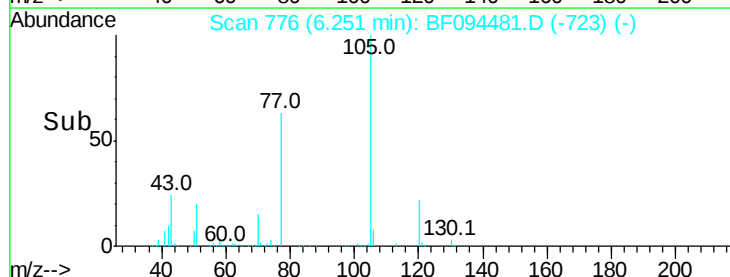


Abundance Ion 105.00 (104.70 to 105.70): E

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



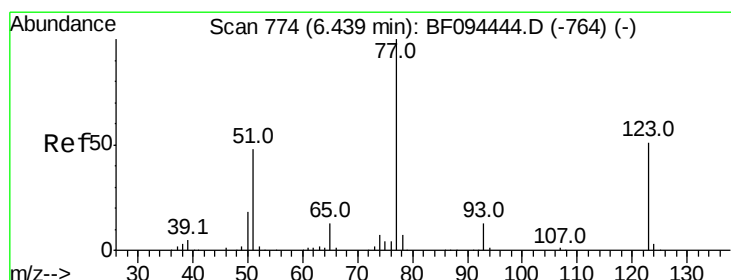
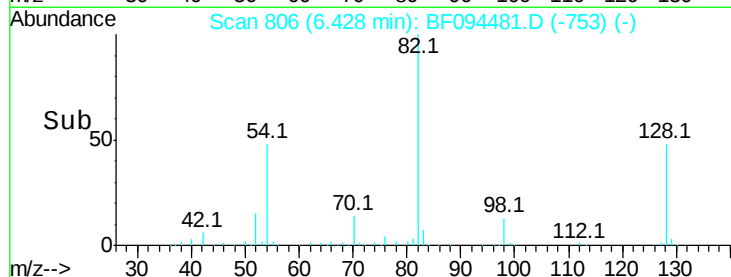
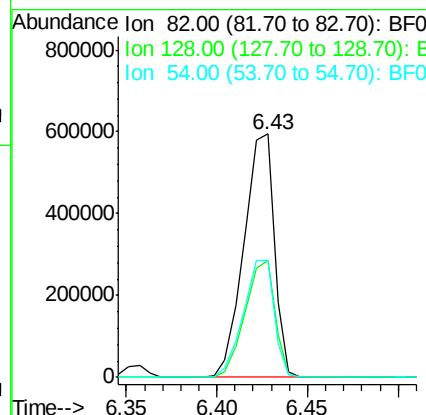
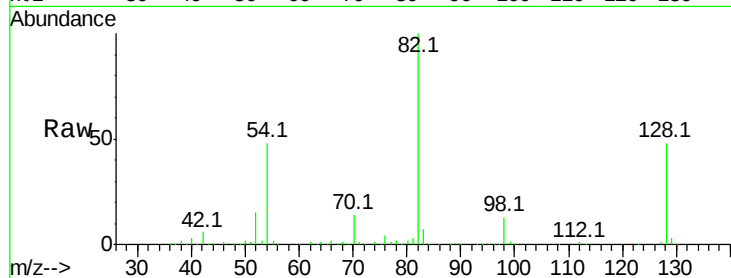
Time-->



#23
 Nitrobenzene-d5
 Concen: 79.15 ng
 RT: 6.43 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

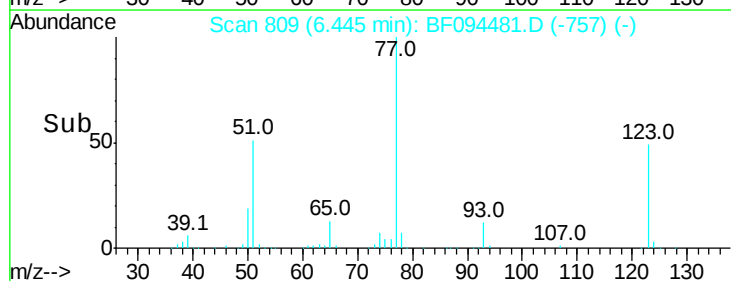
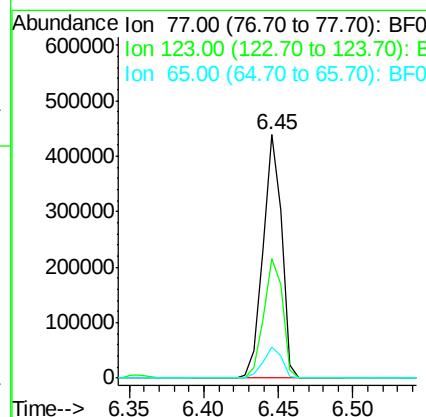
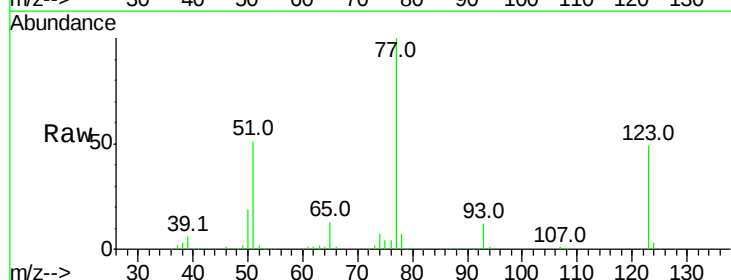
Instrument :
 BNA_F
 ClientSampled :

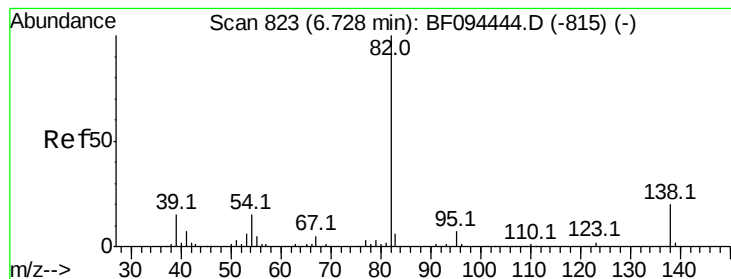
Tot Ion	82	Resp	693159
Ion Ratio	100	Lower	Upper
128	48.2	34.0	51.0
54	48.2	42.2	63.2



#24
 Nitrobenzene
 Concen: 40.39 ng
 RT: 6.45 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Tgt Ion	77	Resp	372537
Ion Ratio	100	Lower	Upper
123	49.2	35.8	53.8
65	12.8	10.6	15.8





#25

Isophorone

Concen: 40.71 ng

RT: 6.74 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

Instrument :

BNA_F

ClientSampleId :

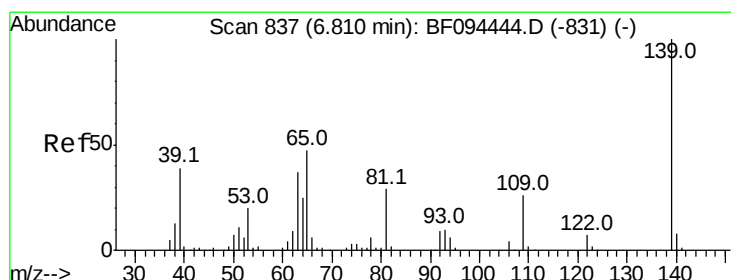
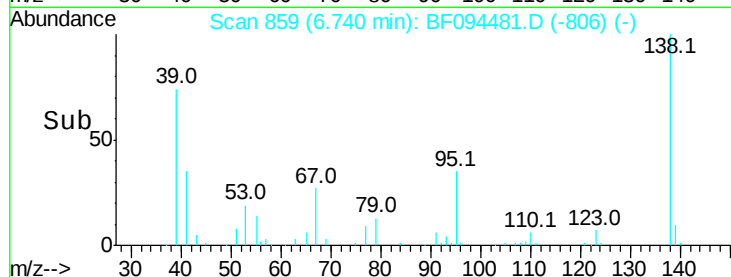
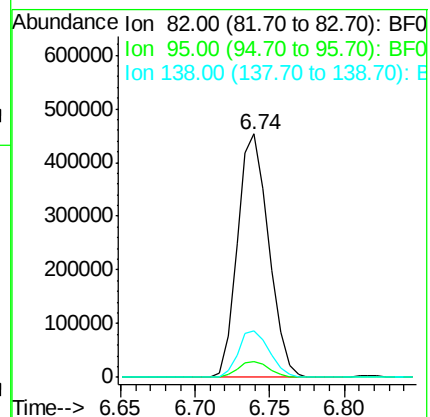
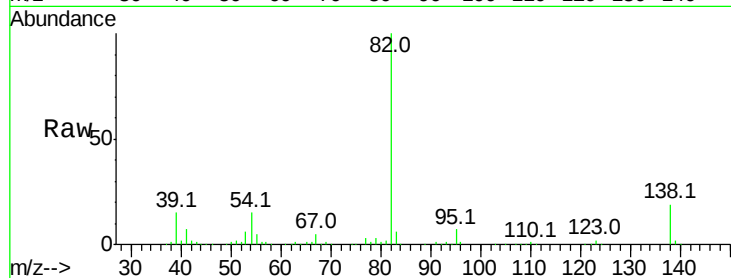
Tot Ion: 82 Resp: 660888

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.0 13.1 19.7



#26

2-Nitrophenol

Concen: 40.67 ng

RT: 6.82 min Scan# 872

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

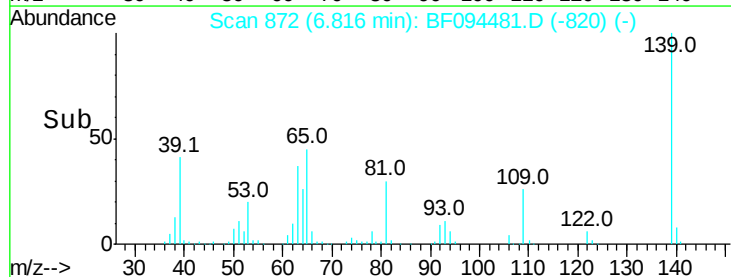
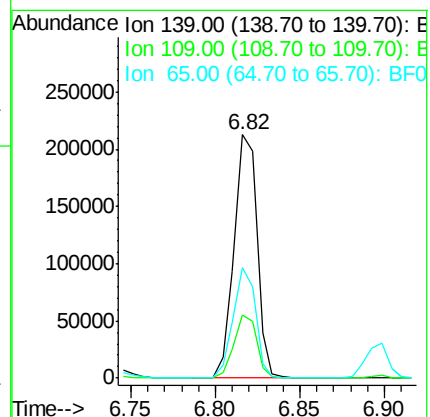
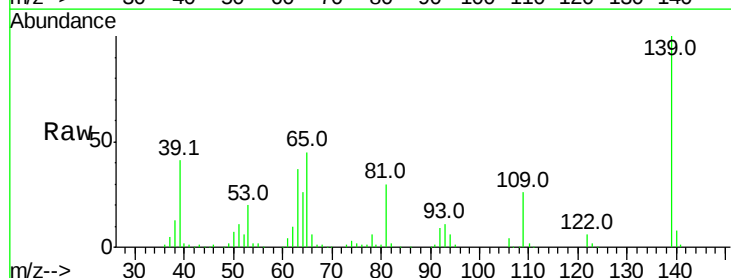
Tgt Ion:139 Resp: 201480

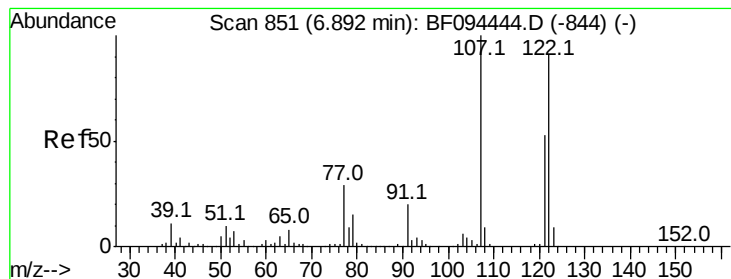
Ion Ratio Lower Upper

139 100

109 25.9 21.0 31.6

65 45.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 39.99 ng

RT: 6.90 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

Instrument :
BNA_F
ClientSampled :

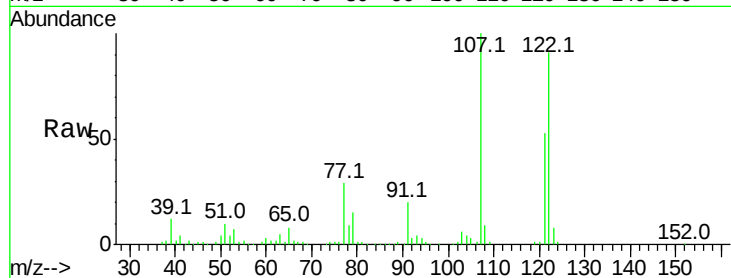
Tot Ion:122 Resp: 321821

Ion Ratio Lower Upper

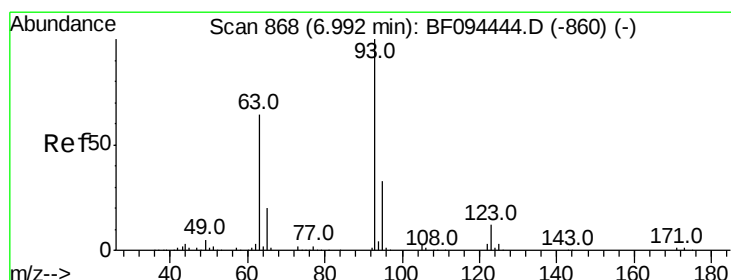
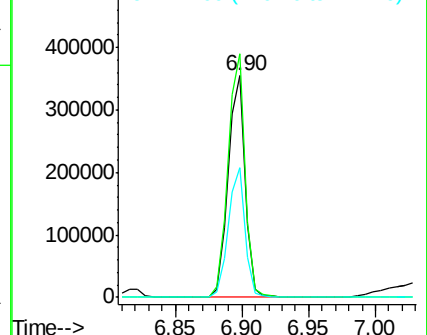
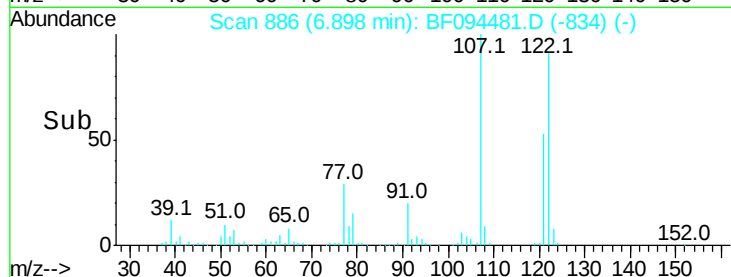
122 100

107 109.9 89.2 133.8

121 58.4 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.67 ng

RT: 7.00 min Scan# 903

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

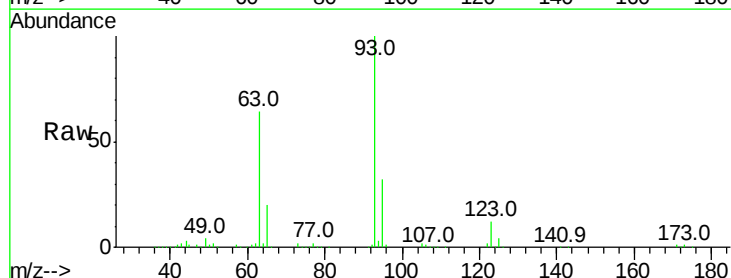
Tgt Ion: 93 Resp: 427085

Ion Ratio Lower Upper

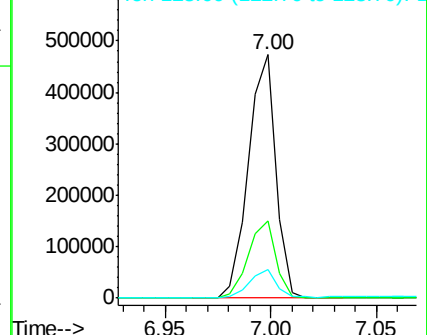
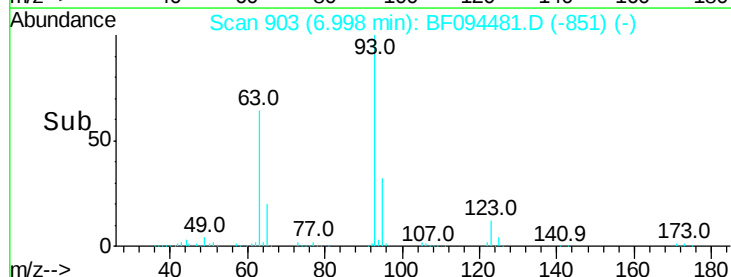
93 100

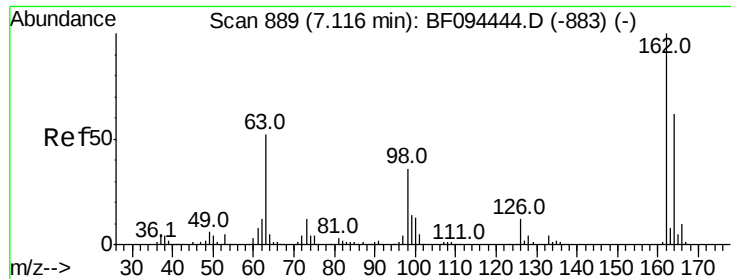
95 31.7 26.5 39.7

123 11.7 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

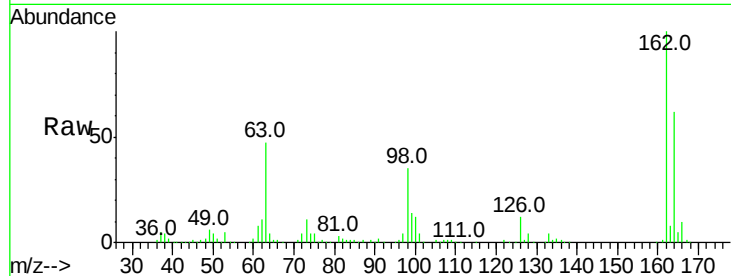




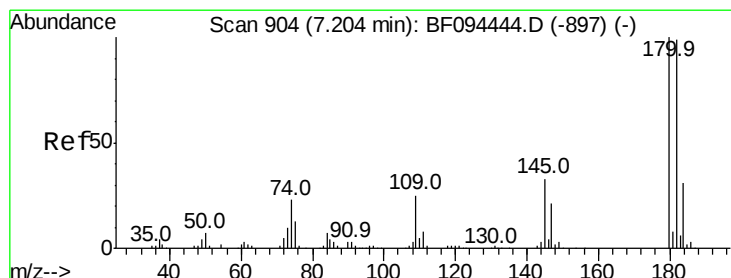
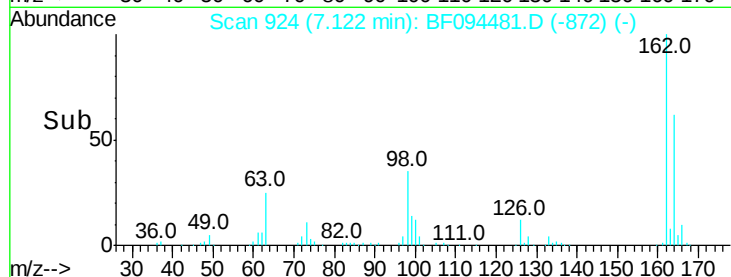
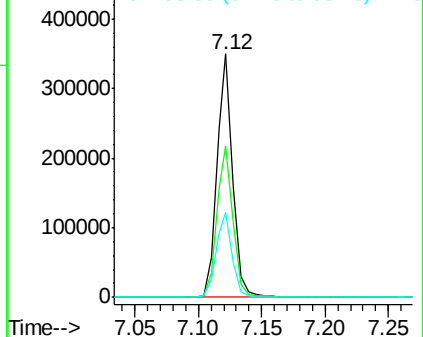
#29
 2,4-Dichlorophenol
 Concen: 40.61 ng
 RT: 7.12 min Scan# 924
 Delta R.T. 0.01 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 304025
 Ion Ratio Lower Upper
 162 100
 164 62.4 44.6 84.6
 98 34.6 14.8 54.8

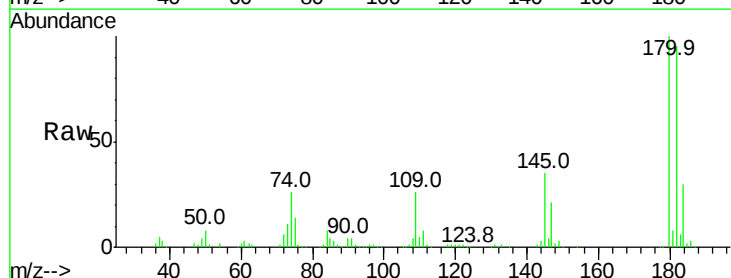


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

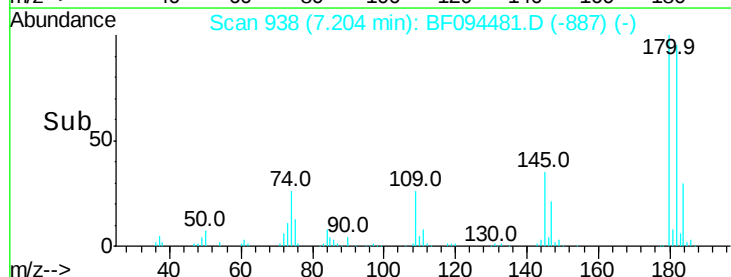
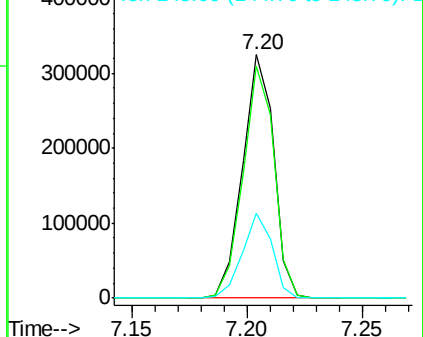


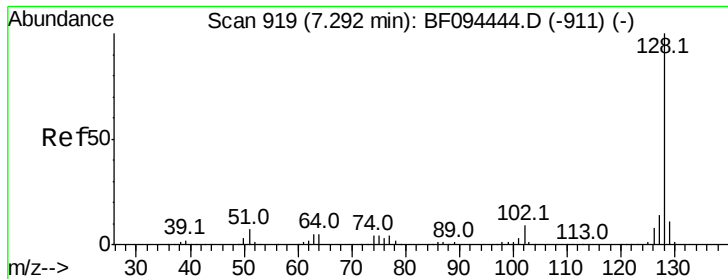
#30
 1,2,4-Trichlorobenzene
 Concen: 39.61 ng
 RT: 7.20 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Tgt Ion:180 Resp: 306609
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.8 113.6
 145 34.8 25.3 37.9



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

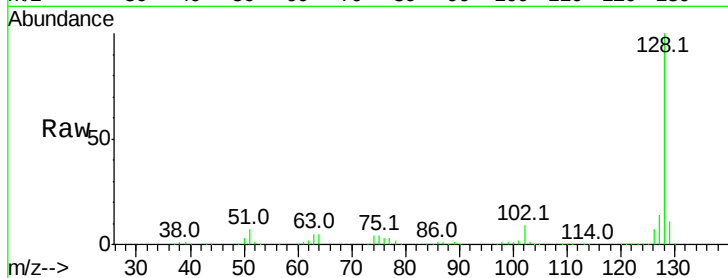




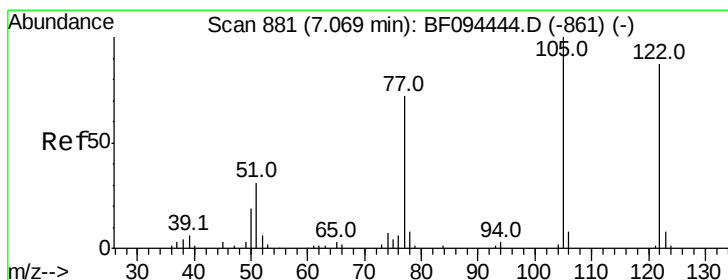
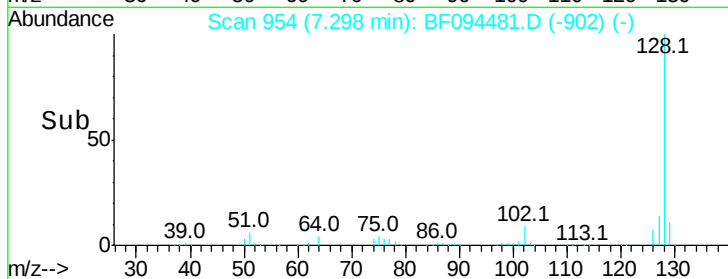
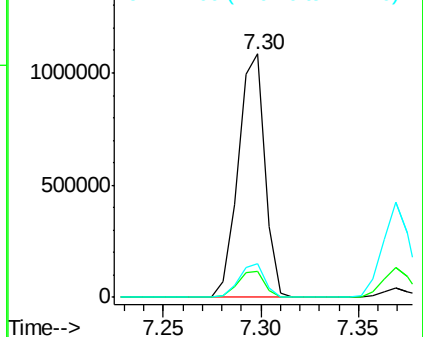
#31
Naphthalene
Concen: 39.37 ng
RT: 7.30 min Scan# 954
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 1023394
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.8 10.8 16.2

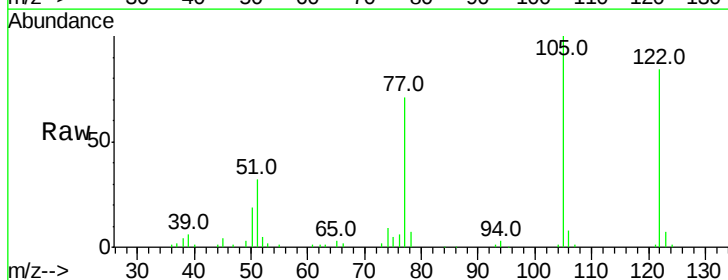


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

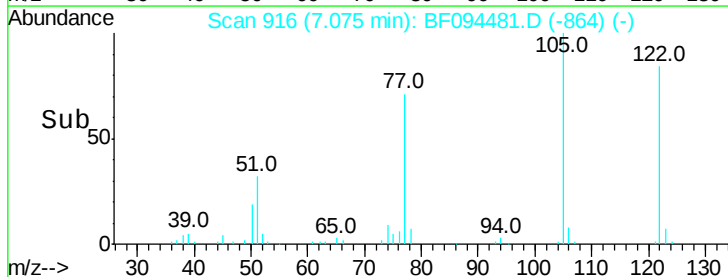
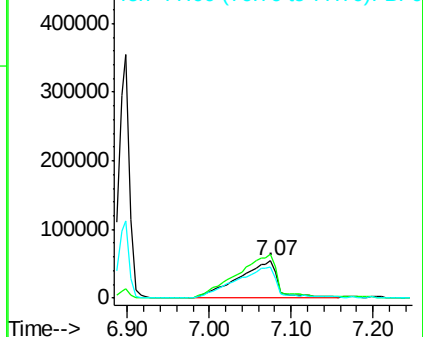


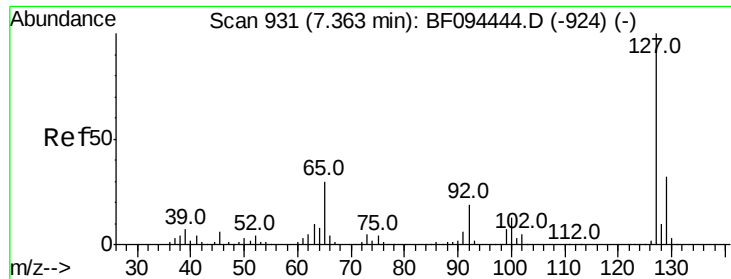
#32
Benzoic acid
Concen: 43.49 ng
RT: 7.07 min Scan# 916
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Tgt Ion:122 Resp: 185098
Ion Ratio Lower Upper
122 100
105 119.1 103.3 143.3
77 84.7 73.7 113.7



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

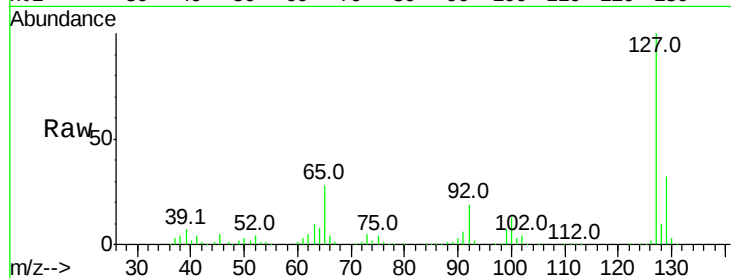




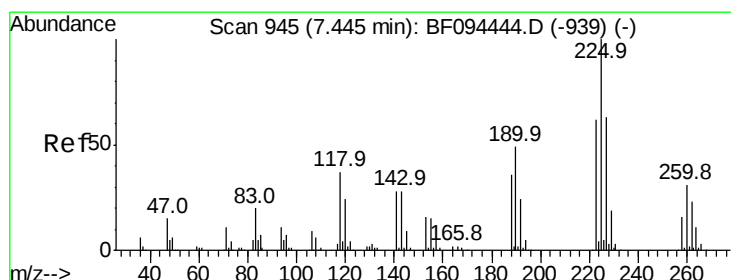
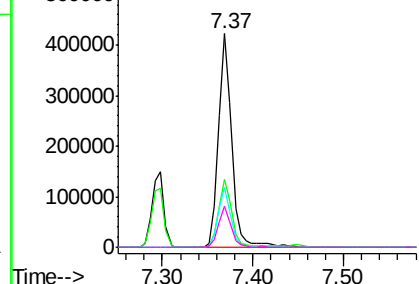
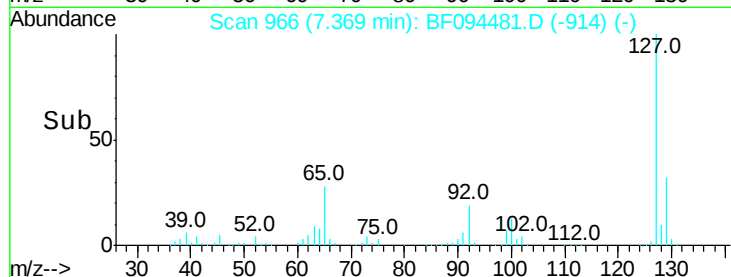
#33
4-Chloroaniline
Concen: 39.97 ng
RT: 7.37 min Scan# 966
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	432250
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	28.4	27.8	41.8
92	18.9	16.8	25.2

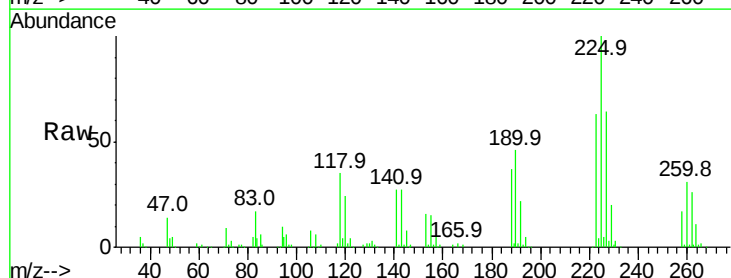


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

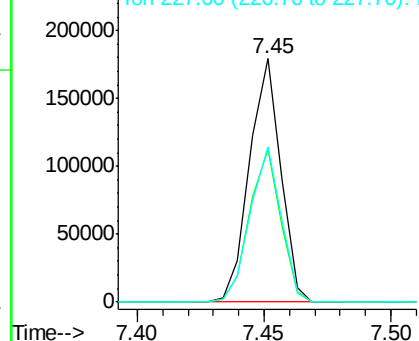
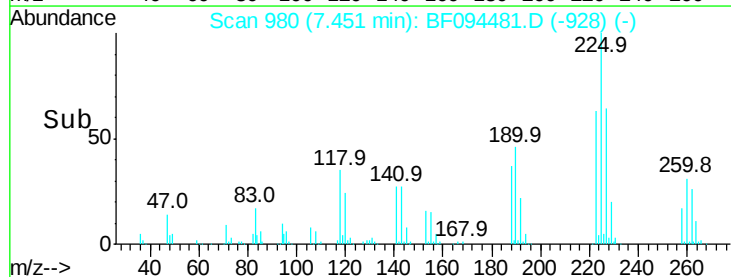


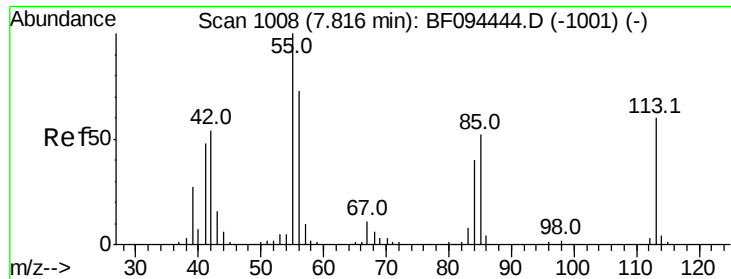
#34
Hexachlorobutadiene
Concen: 40.02 ng
RT: 7.45 min Scan# 980
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Tgt Ion:	225	Resp:	154423
Ion	Ratio	Lower	Upper
225	100		
223	62.6	48.8	73.2
227	63.7	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

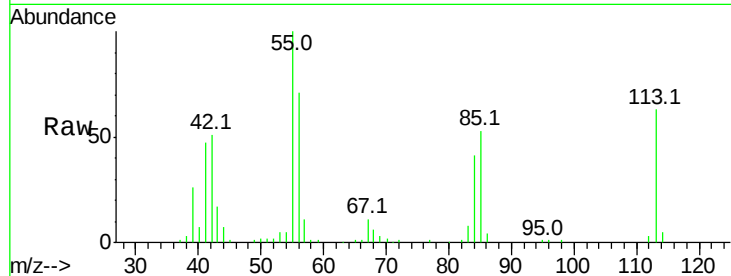




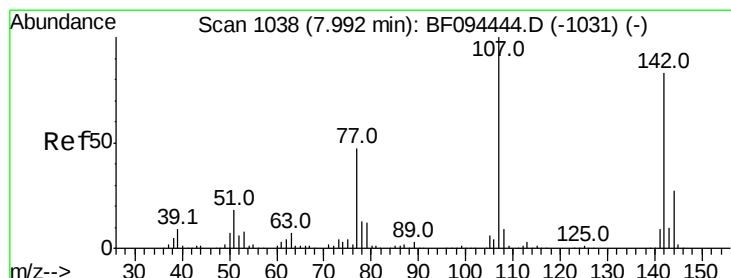
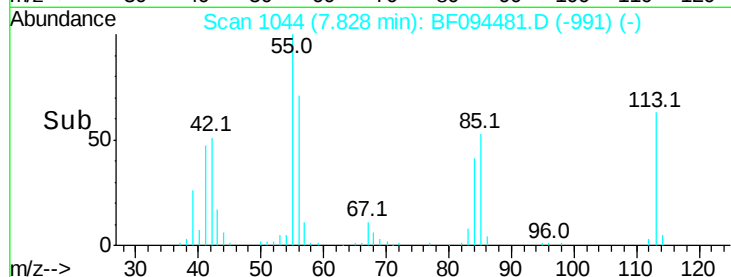
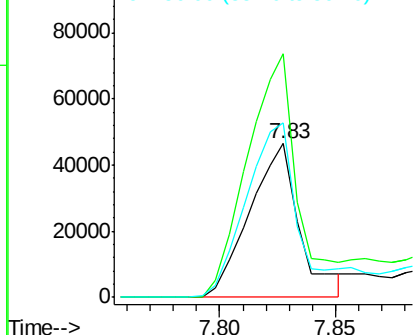
#35
 Caprolactam
 Concen: 29.55 ng
 RT: 7.83 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 69512
 Ion Ratio Lower Upper
 113 100
 55 158.4 150.2 190.2
 56 113.2 107.8 147.8

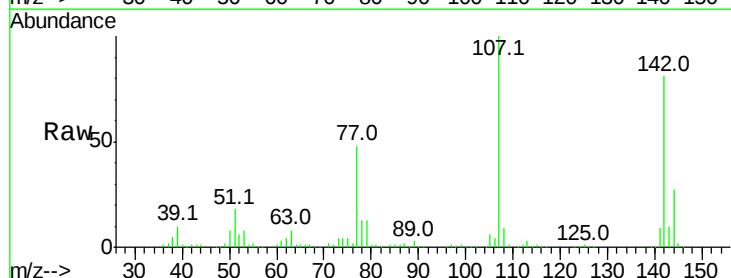


Abundance Ion 113.00 (112.70 to 113.70): E
 100000
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

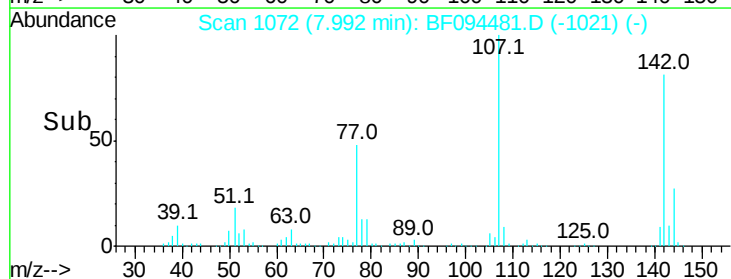
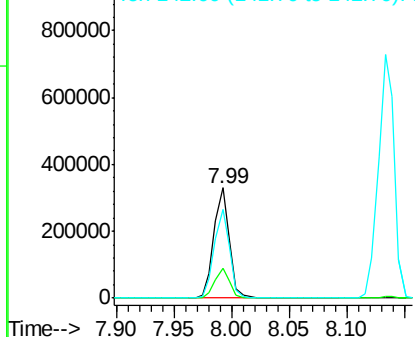


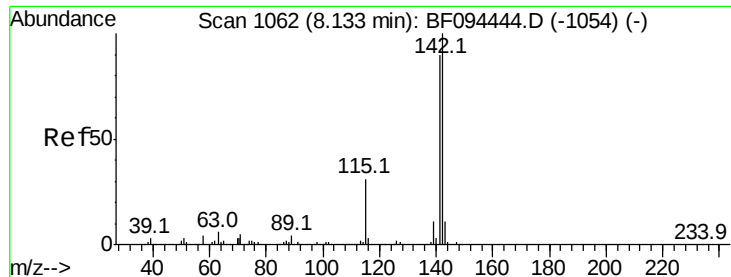
#36
 4-Chloro-3-methylphenol
 Concen: 39.02 ng
 RT: 7.99 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Tgt Ion:107 Resp: 306157
 Ion Ratio Lower Upper
 107 100
 144 26.6 24.2 36.4
 142 80.9 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 1000000
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

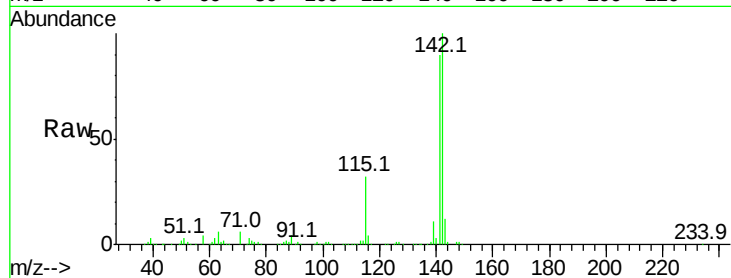




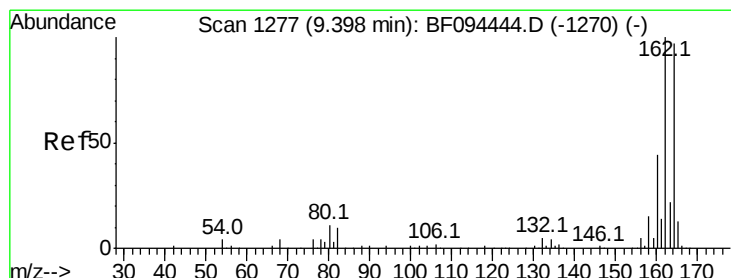
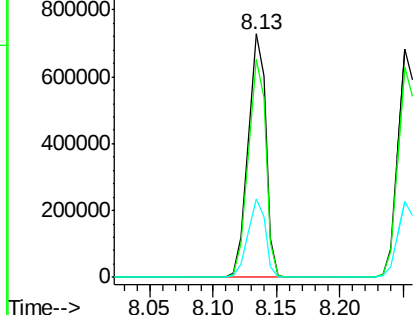
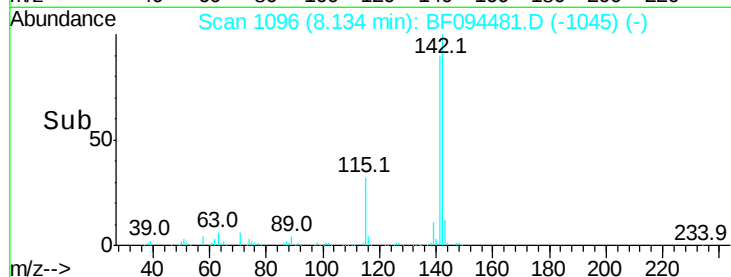
#37
 2-Methylnaphthalene
 Concen: 39.93 ng
 RT: 8.13 min Scan# 1096
 Delta R.T. 0.00 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 710142
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.3 106.9
 115 32.2 27.1 40.7

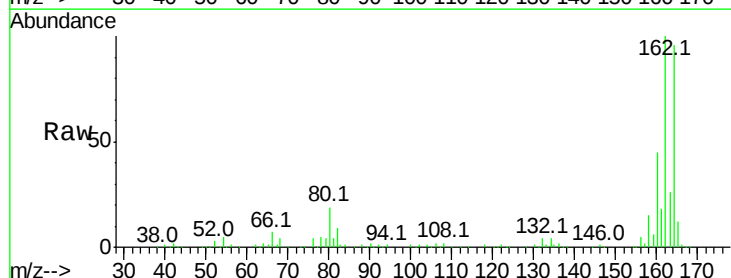


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

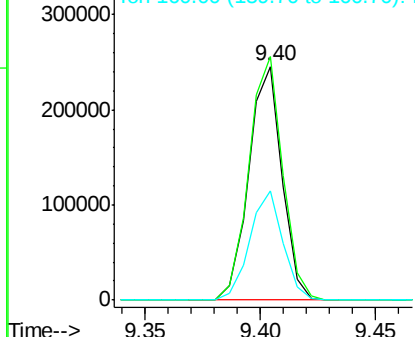
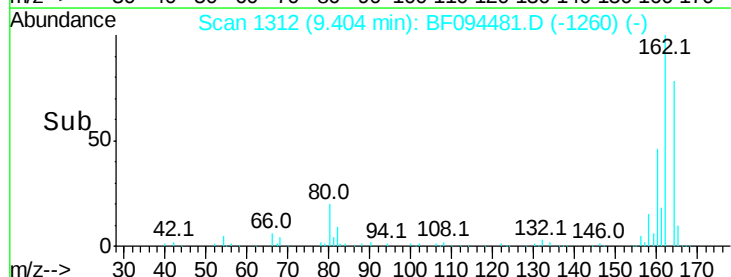


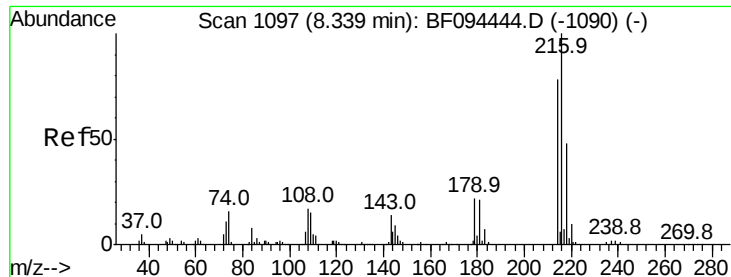
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1312
 Delta R.T. 0.01 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Tgt Ion:164 Resp: 245854
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 46.7 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

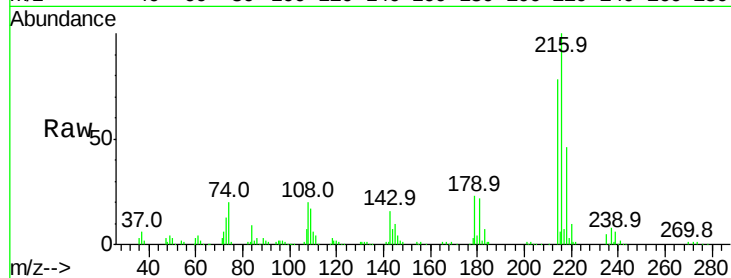




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.80 ng
 RT: 8.34 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	278636
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	22.4	17.9	26.9
108	20.2	16.5	24.7

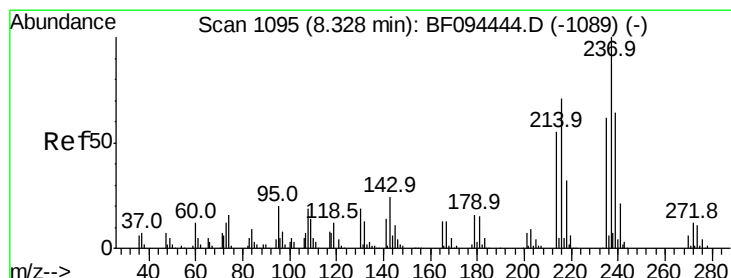
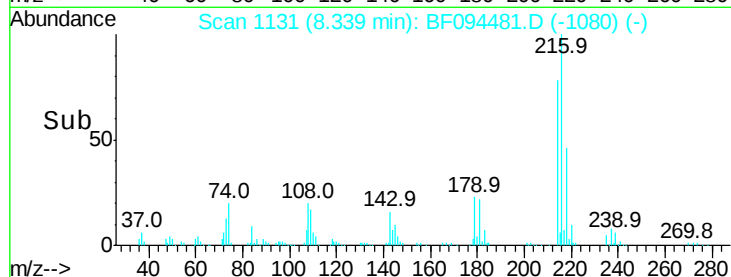
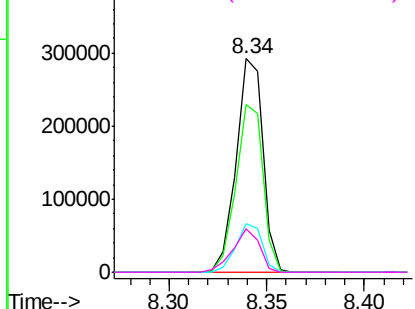


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

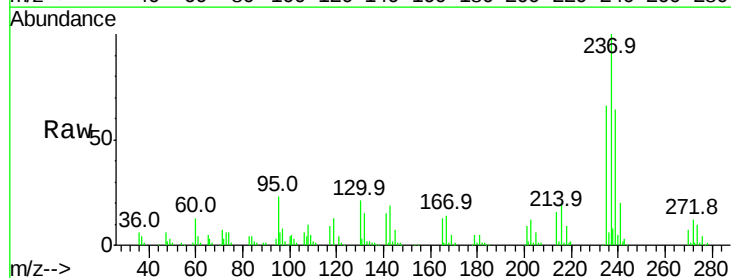
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 45.24 ng
 RT: 8.33 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

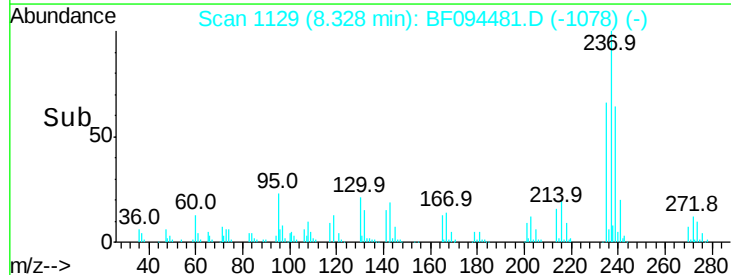
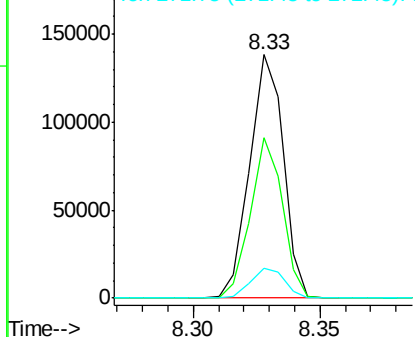
Tgt Ion:	237	Resp:	128124
Ion	Ratio	Lower	Upper
237	100		
235	65.9	42.6	82.6
272	12.4	0.0	31.9

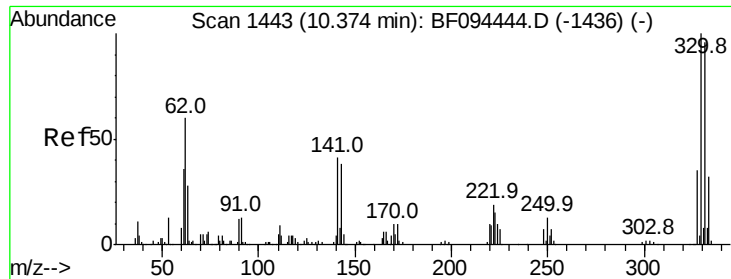


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

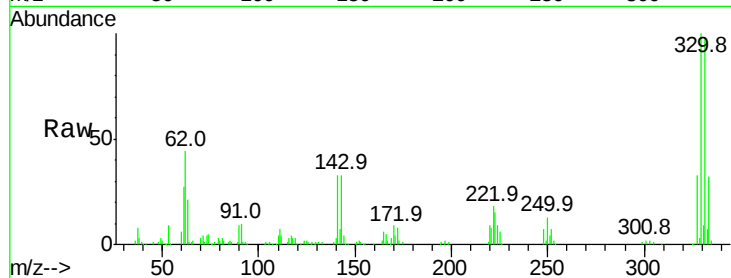




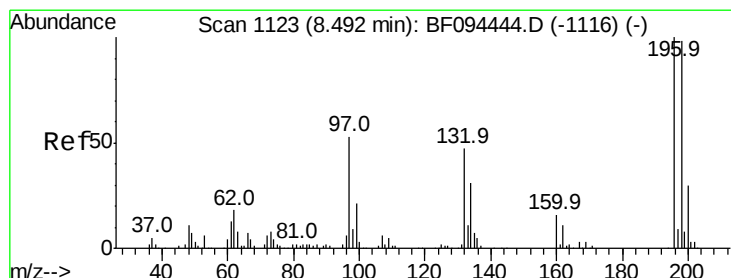
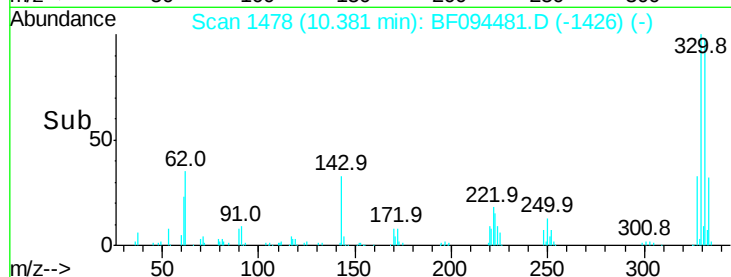
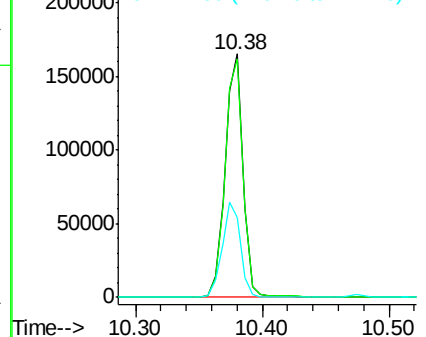
#41
 2,4,6-Tribromophenol
 Concen: 85.02 ng
 RT: 10.38 min Scan# 1478
 Delta R.T. 0.01 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 163494
 Ion Ratio Lower Upper
 330 100
 332 98.4 76.6 115.0
 141 40.2 31.4 47.2

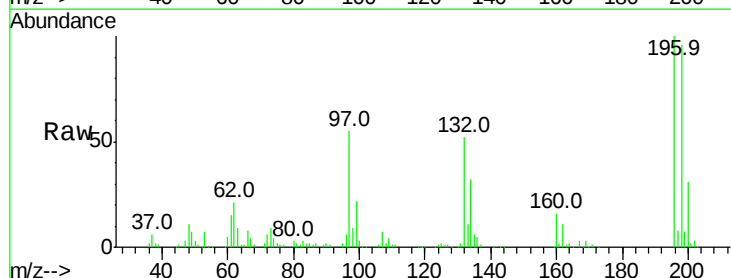


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

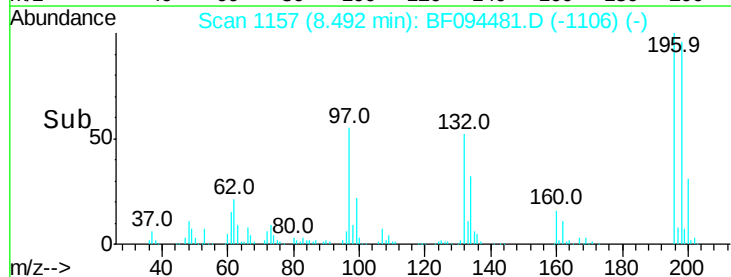
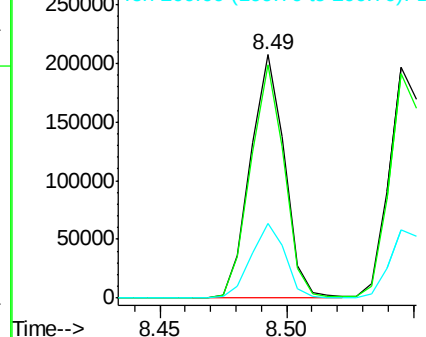


#42
 2,4,6-Trichlorophenol
 Concen: 39.71 ng
 RT: 8.49 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Tgt Ion:196 Resp: 195217
 Ion Ratio Lower Upper
 196 100
 198 95.8 74.2 111.4
 200 30.8 24.0 36.0



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

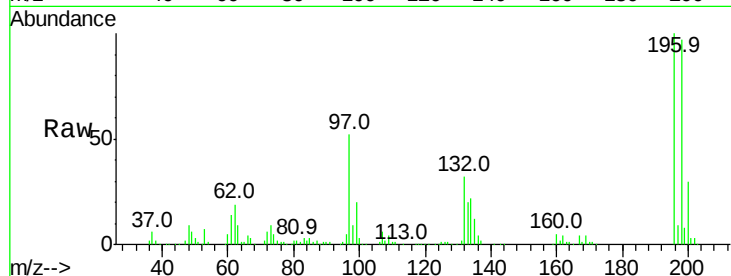




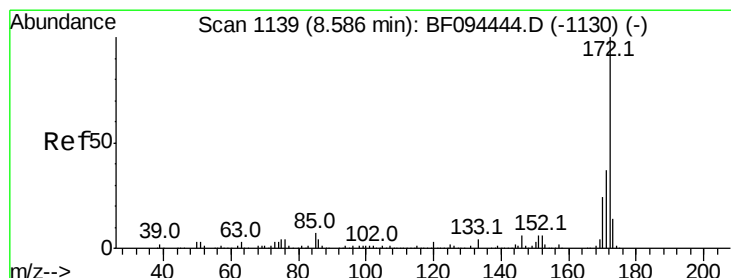
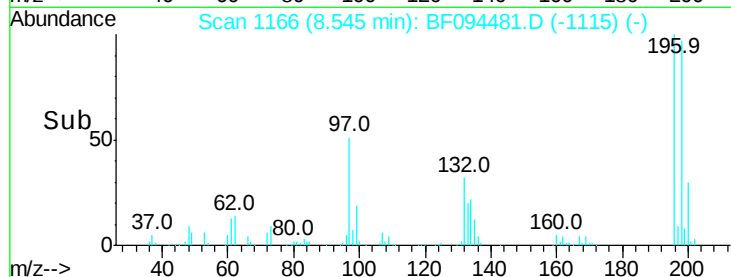
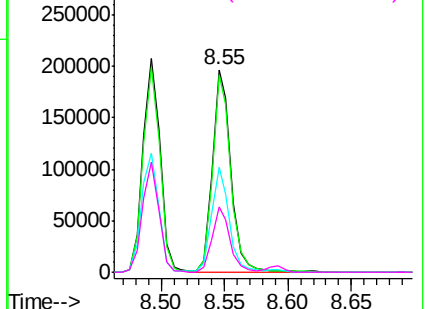
#43
 2,4,5-Trichlorophenol
 Concen: 40.04 ng
 RT: 8.55 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	202169
Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.7	113.5
97	51.7	47.7	71.5
132	32.1	28.0	42.0

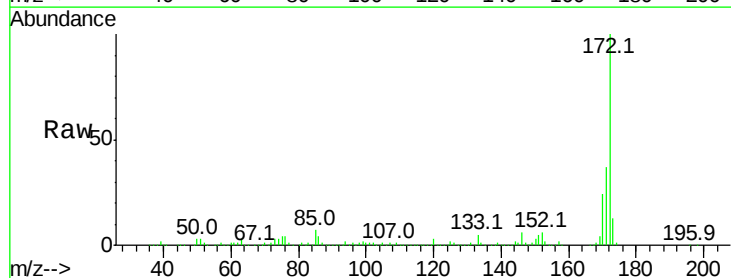


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

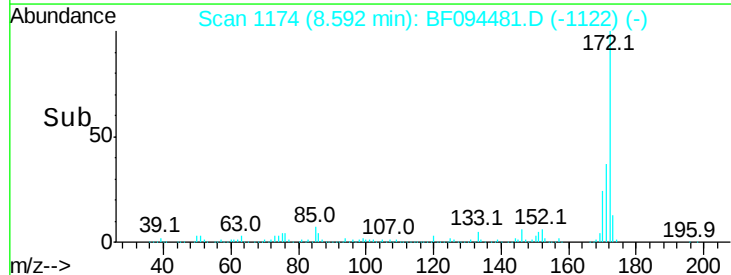
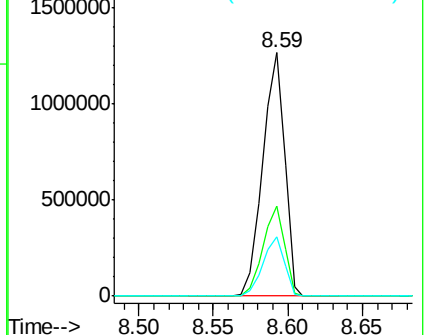


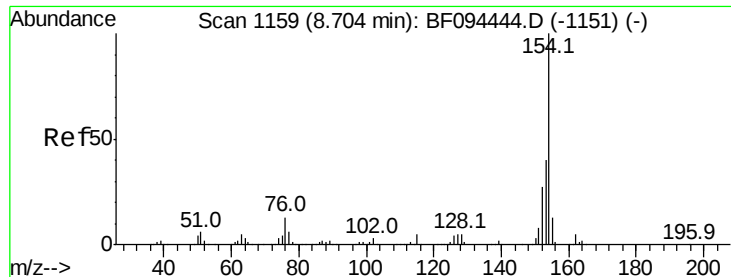
#44
 2-Fluorobiphenyl
 Concen: 75.90 ng
 RT: 8.59 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Tgt Ion:	172	Resp:	1268224
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.6	44.4
170	24.1	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: 39.32 ng

RT: 8.71 min Scan# 1194

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

Instrument :

BNA_F

ClientSampleId :

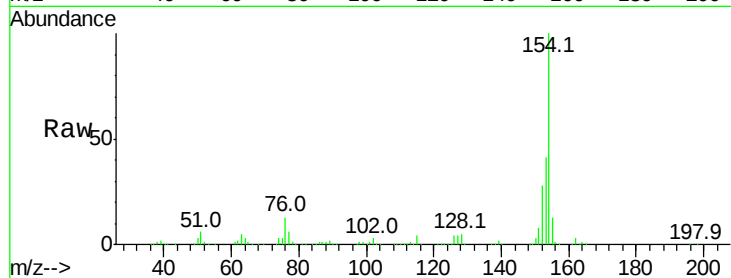
Tot Ion:154 Resp: 789732

Ion Ratio Lower Upper

154 100

153 41.2 21.2 61.2

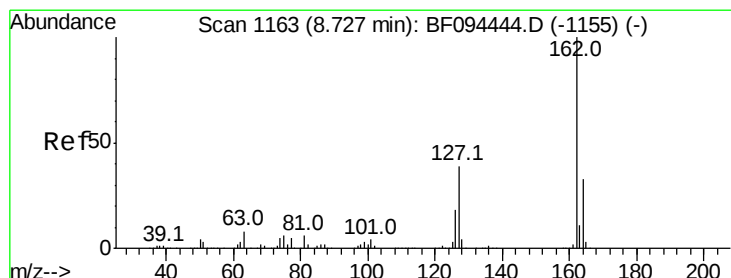
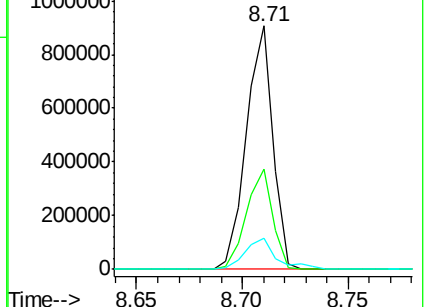
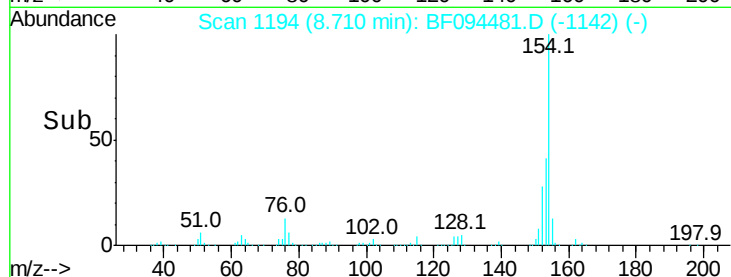
76 12.6 0.0 29.9



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: 39.70 ng

RT: 8.73 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

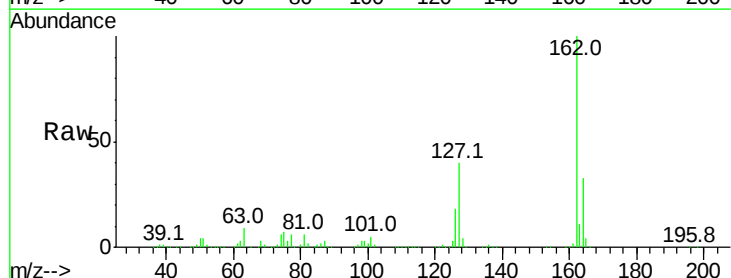
Tgt Ion:162 Resp: 634066

Ion Ratio Lower Upper

162 100

127 39.9 28.3 42.5

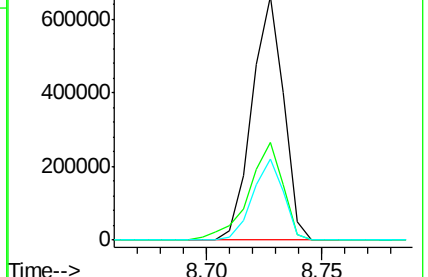
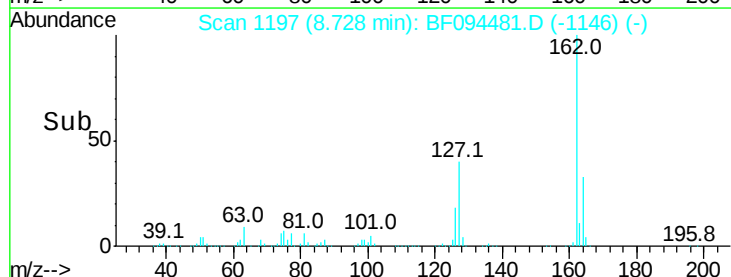
164 33.2 27.0 40.4

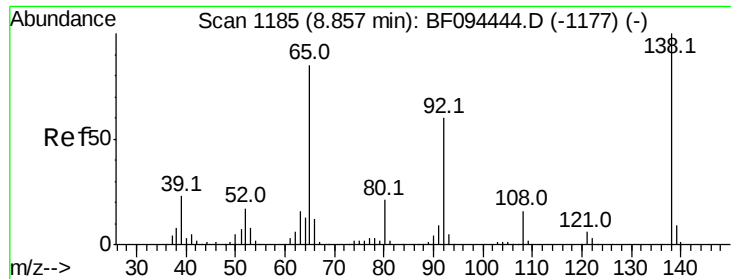


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

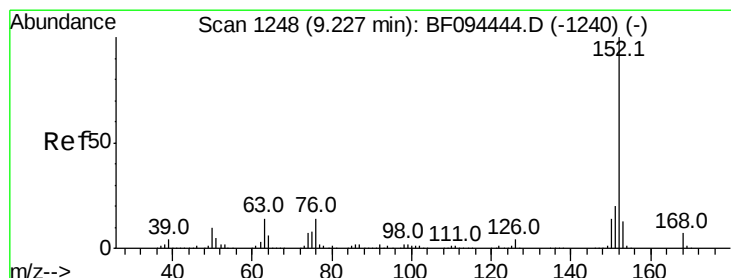
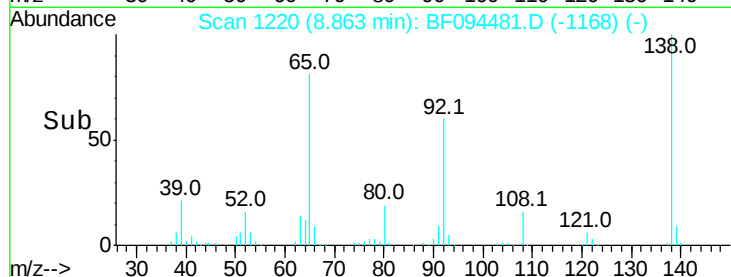
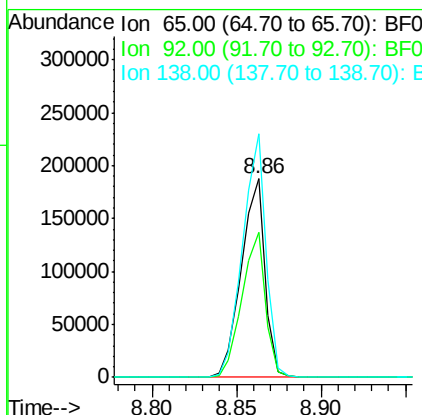
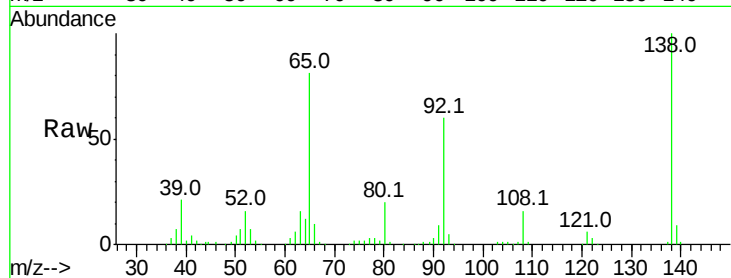




#47
 2-Nitroaniline
 Concen: 40.13 ng
 RT: 8.86 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

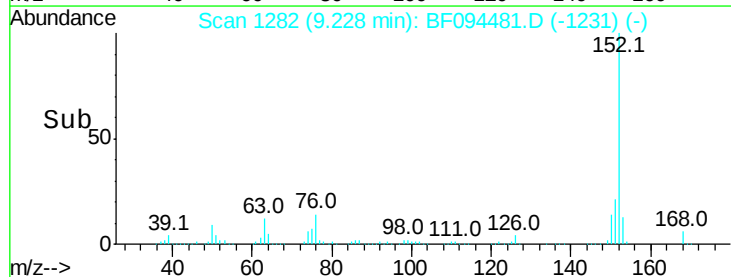
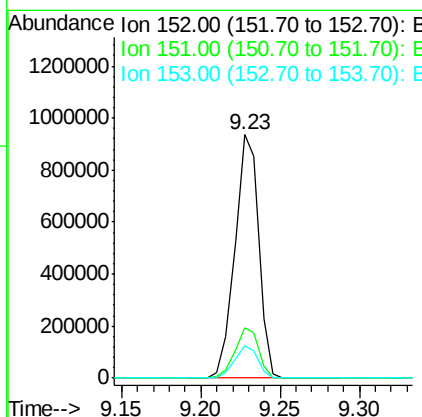
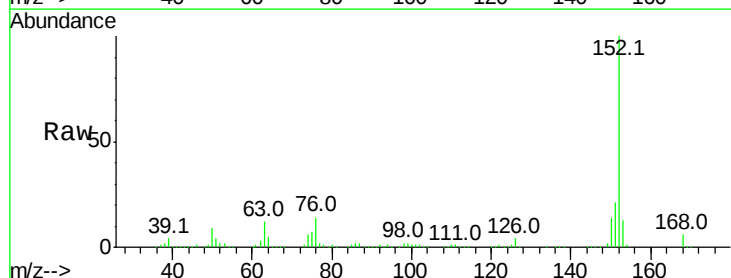
Instrument :
 BNA_F
 ClientSampleId :

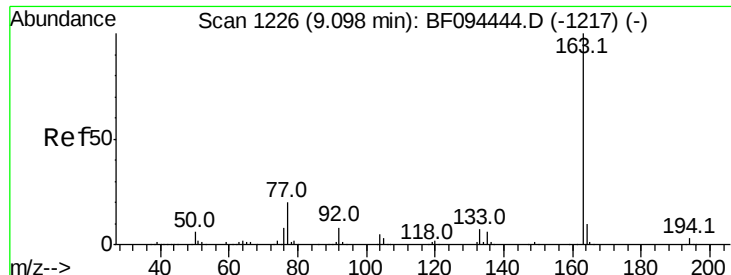
Tot Ion: 65 Resp: 184389
 Ion Ratio Lower Upper
 65 100
 92 73.2 53.9 80.9
 138 122.8 78.8 118.2#



#48
 Acenaphthylene
 Concen: 38.89 ng
 RT: 9.23 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Tgt Ion:152 Resp: 968231
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 13.4 10.8 16.2

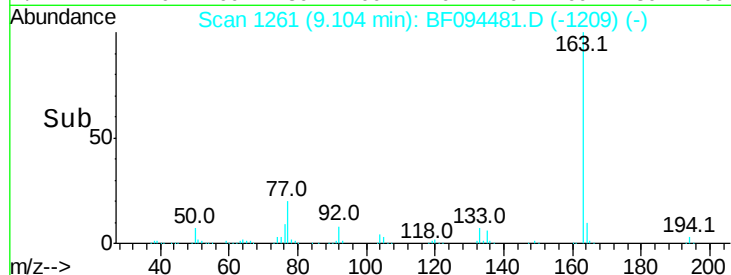
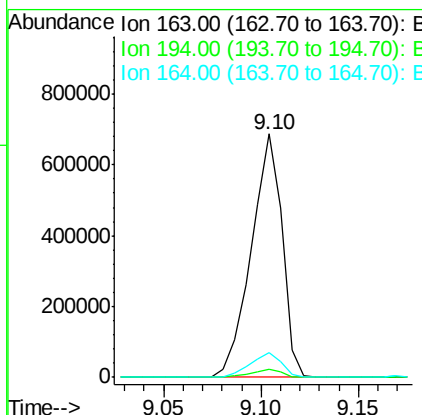
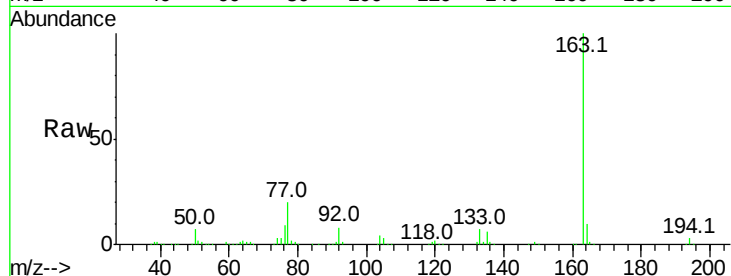




#49
Dimethylphthalate
Concen: 41.02 ng
RT: 9.10 min Scan# 1261
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

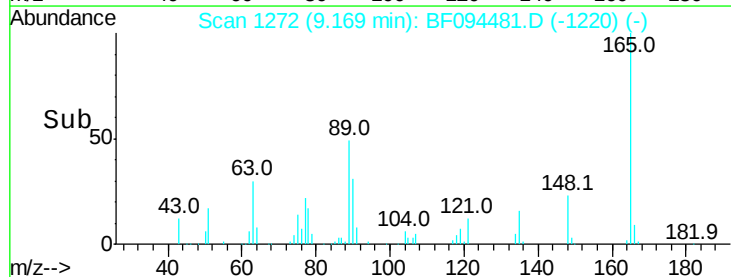
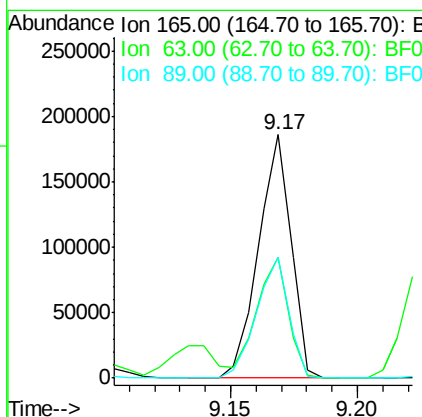
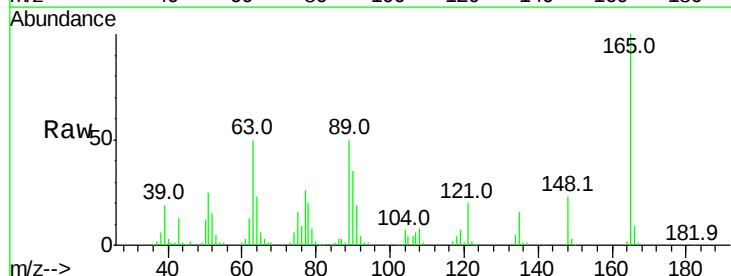
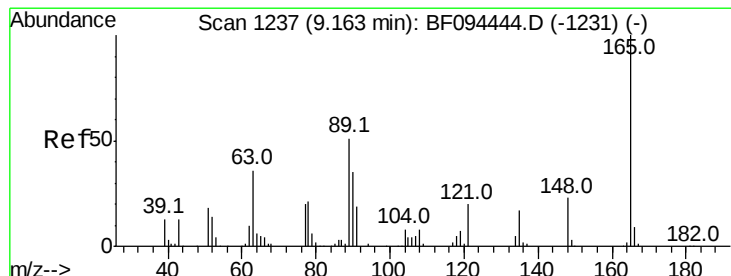
Instrument :
BNA_F
ClientSampleId :

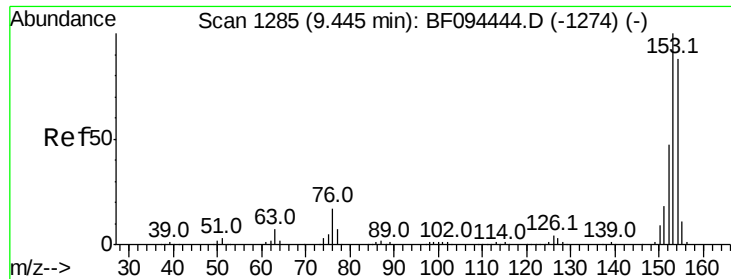
Tot Ion:163 Resp: 751633
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.9 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 40.64 ng
RT: 9.17 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Tgt Ion:165 Resp: 167151
Ion Ratio Lower Upper
165 100
63 49.7 34.3 51.5
89 49.7 37.1 55.7

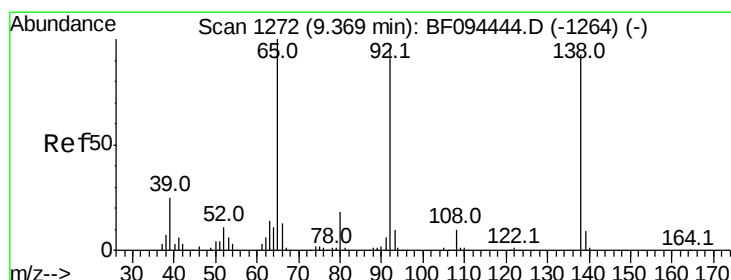
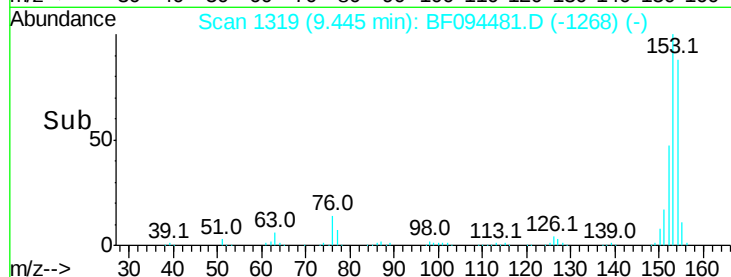
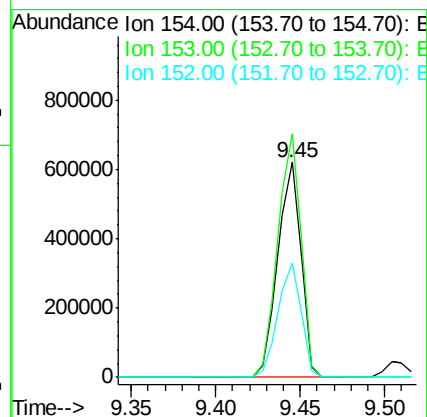
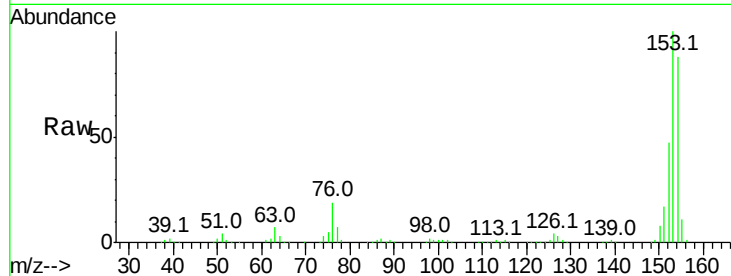




#51
Acenaphthene
Concen: 39.54 ng
RT: 9.45 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

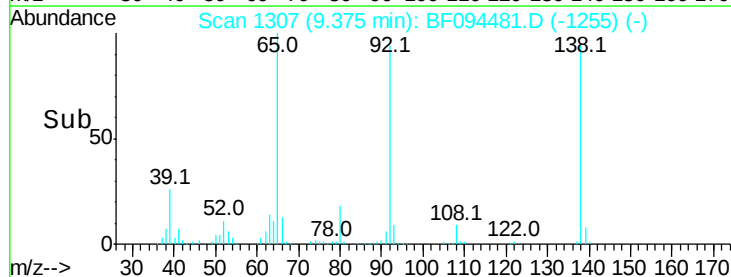
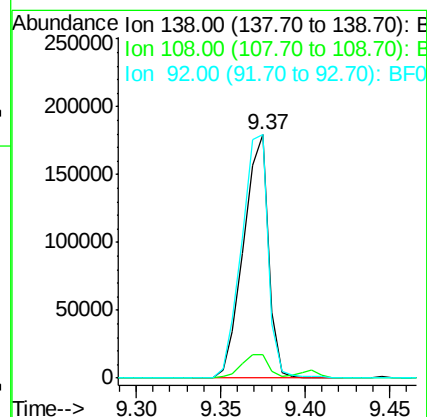
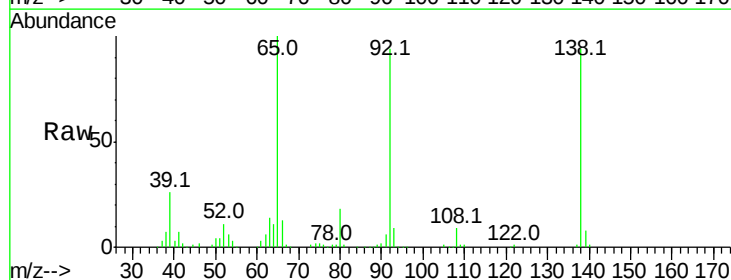
Instrument :
BNA_F
ClientSampleId :

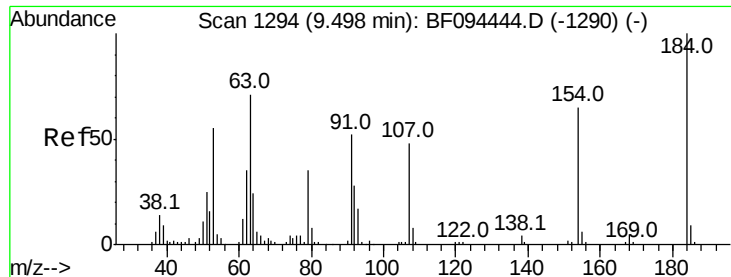
Tot Ion:154 Resp: 589611
Ion Ratio Lower Upper
154 100
153 113.2 90.5 135.7
152 53.2 43.6 65.4



#52
3-Nitroaniline
Concen: 38.96 ng
RT: 9.37 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Tgt Ion:138 Resp: 185356
Ion Ratio Lower Upper
138 100
108 9.4 9.1 13.7
92 100.0 93.8 140.6

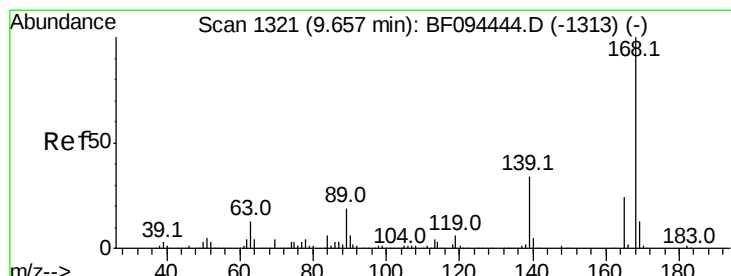
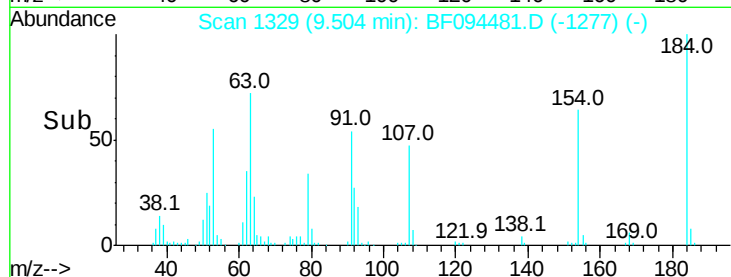
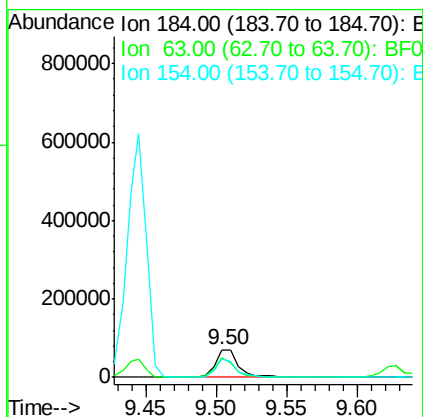
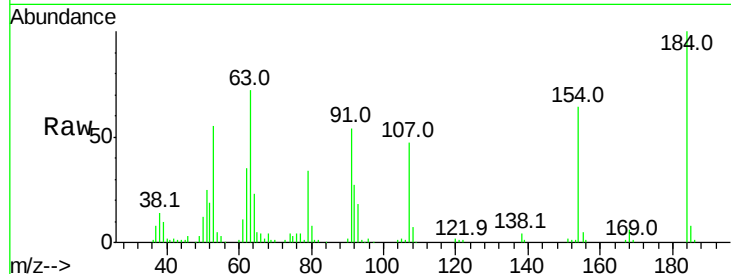




#53
 2,4-Dinitrophenol
 Concen: 40.60 ng
 RT: 9.50 min Scan# 1329
 Delta R.T. 0.01 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

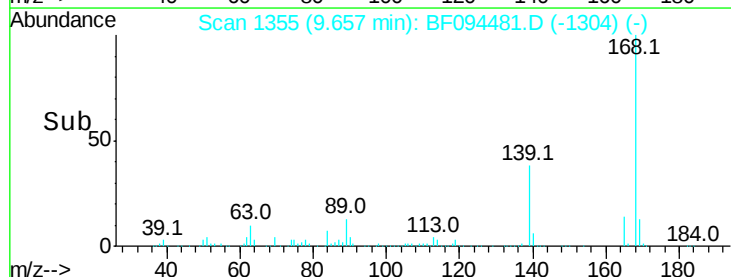
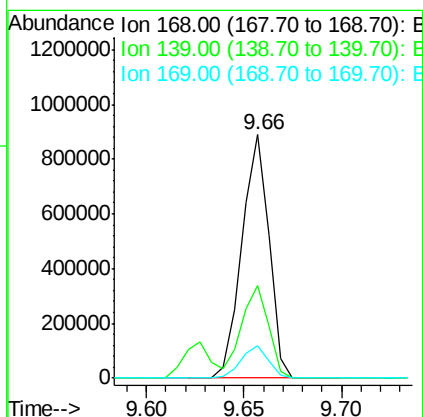
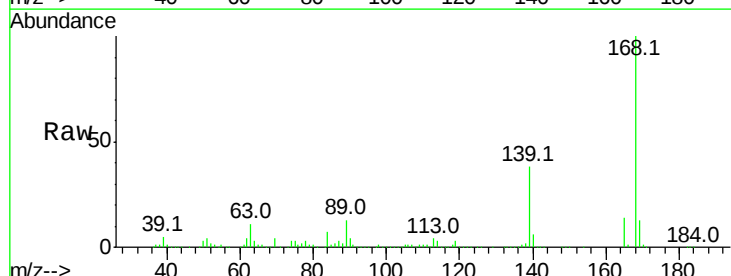
Instrument :
 BNA_F
 ClientSampled :

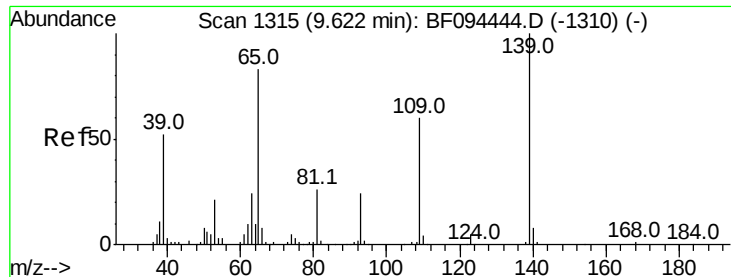
Tot Ion:184 Resp: 83790
 Ion Ratio Lower Upper
 184 100
 63 72.5 62.7 94.1
 154 64.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.41 ng
 RT: 9.66 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Tgt Ion:168 Resp: 854303
 Ion Ratio Lower Upper
 168 100
 139 38.0 30.6 45.8
 169 13.4 10.8 16.2

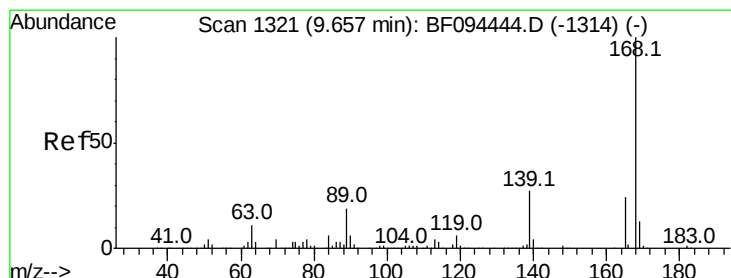
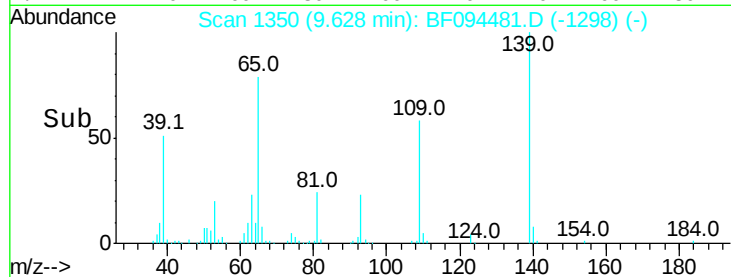
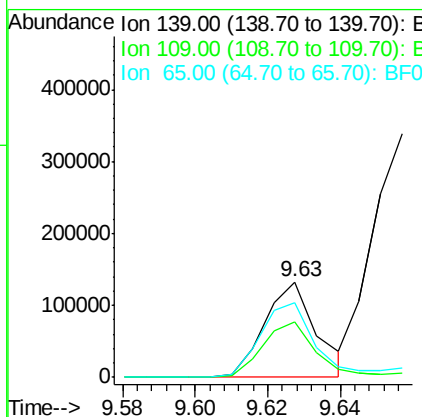
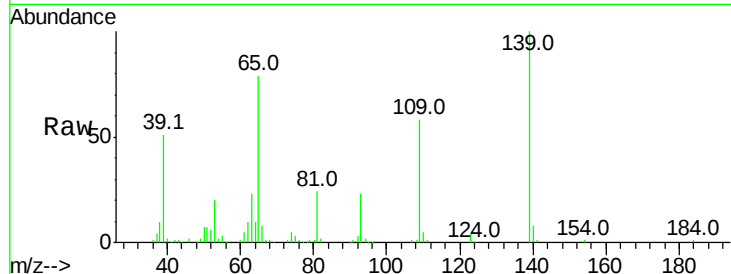




#55
4-Nitrophenol
Concen: 39.31 ng
RT: 9.63 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

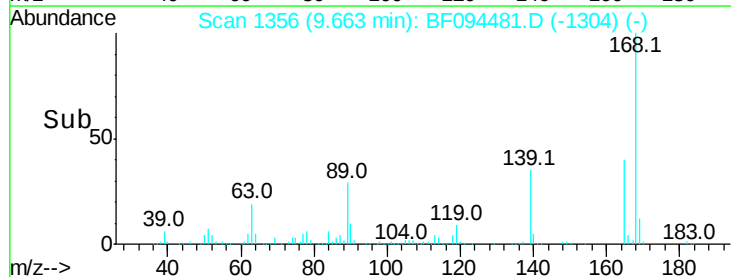
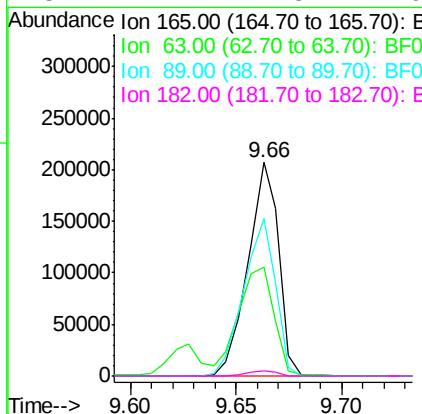
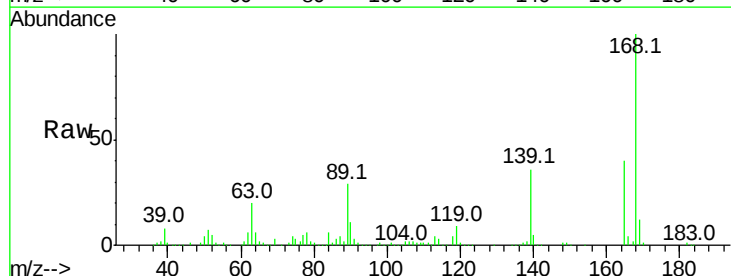
Instrument :
BNA_F
ClientSampled :

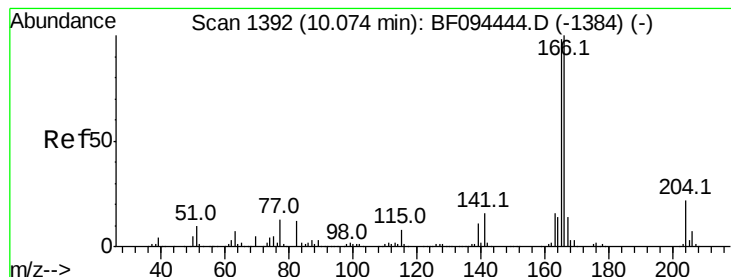
Tot Ion:139 Resp: 132123
Ion Ratio Lower Upper
139 100
109 58.4 34.1 74.1
65 78.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 41.29 ng
RT: 9.66 min Scan# 1356
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Tgt Ion:165 Resp: 208354
Ion Ratio Lower Upper
165 100
63 51.3 25.4 38.0#
89 74.0 46.4 69.6#
182 2.4 1.8 2.6





#57

Fluorene

Concen: 39.70 ng

RT: 10.07 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

Instrument :

BNA_F

ClientSampleId :

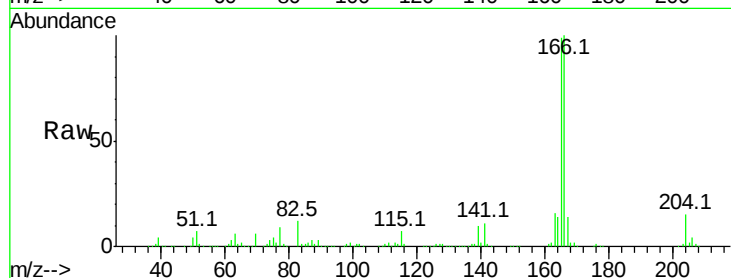
Tot Ion:166 Resp: 670163

Ion Ratio Lower Upper

166 100

165 98.6 78.8 118.2

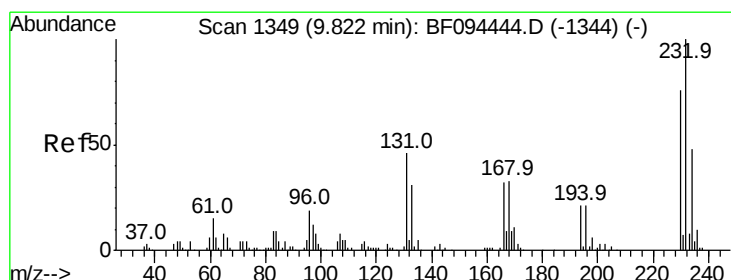
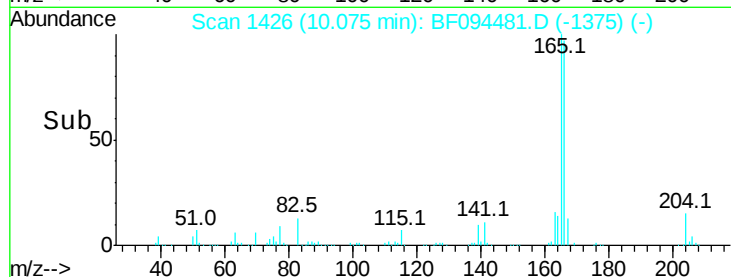
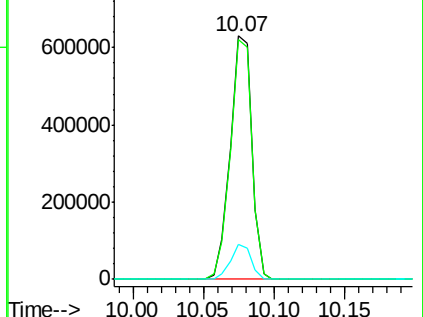
167 14.1 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.15 ng

RT: 9.82 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

Tgt Ion:232 Resp: 156135

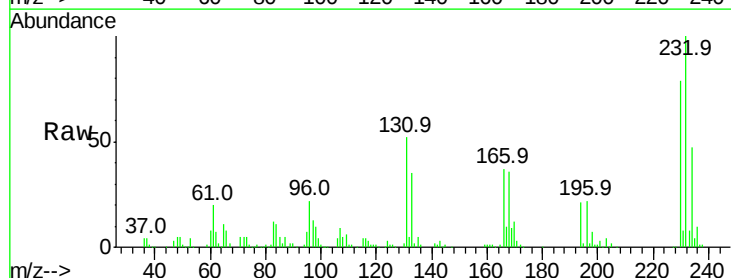
Ion Ratio Lower Upper

232 100

131 50.6 44.8 67.2

130 2.4 2.3 3.5

166 35.4 29.0 43.4

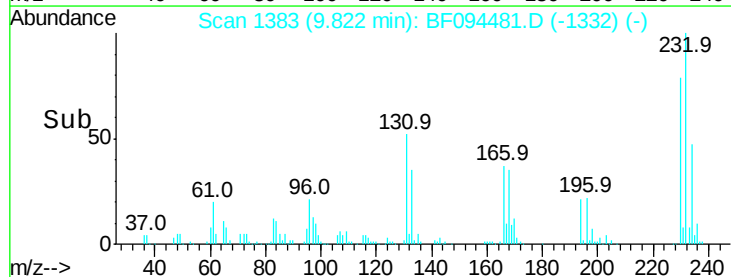
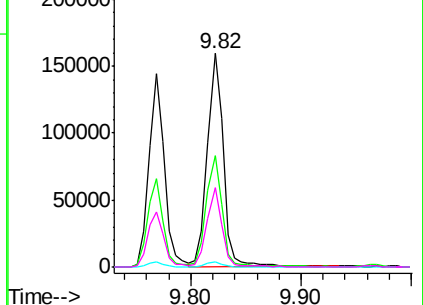


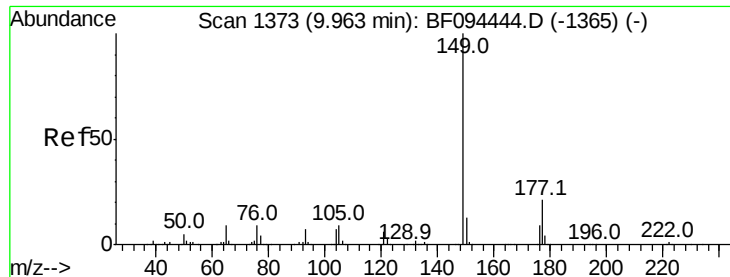
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

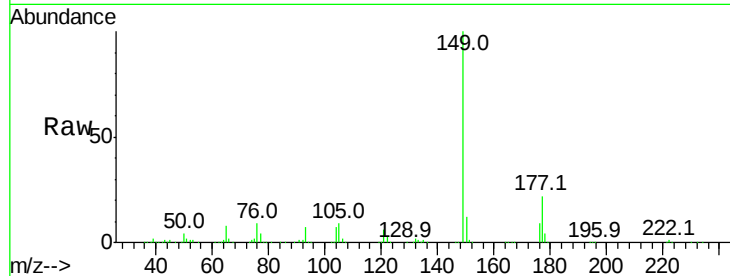




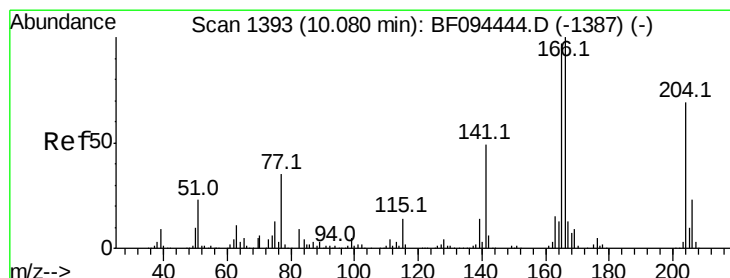
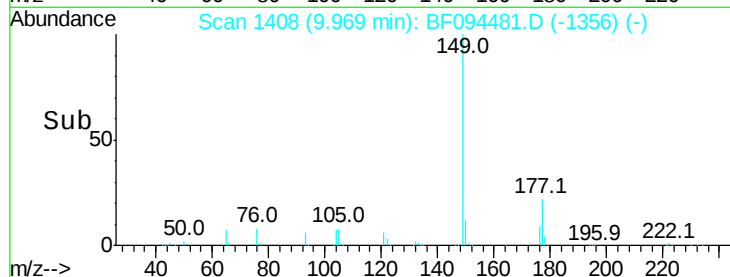
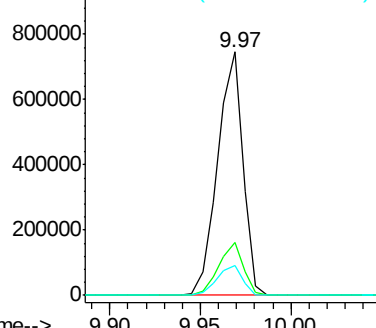
#59
Diethylphthalate
Concen: 41.76 ng
RT: 9.97 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 721961
Ion Ratio Lower Upper
149 100
177 21.6 16.7 25.1
150 12.4 10.2 15.2

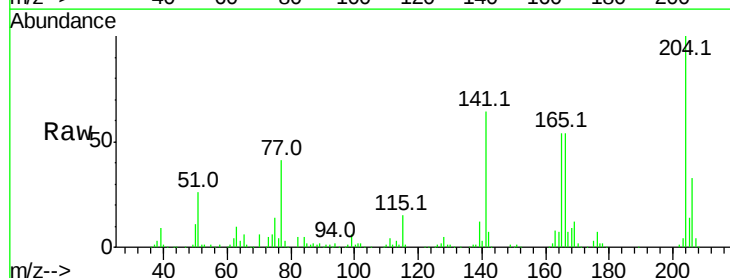


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

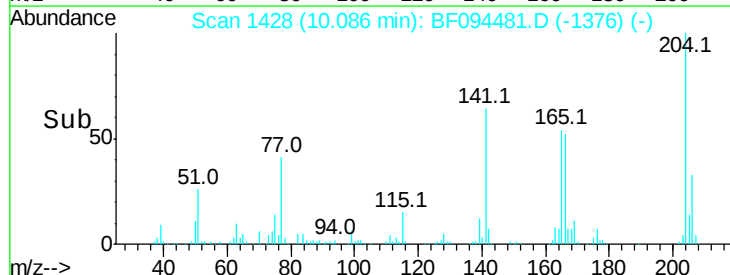
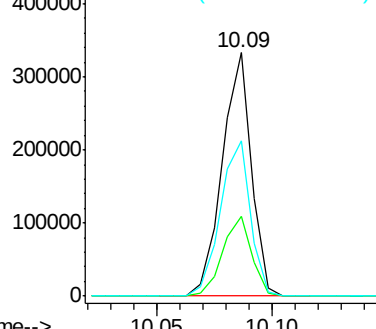


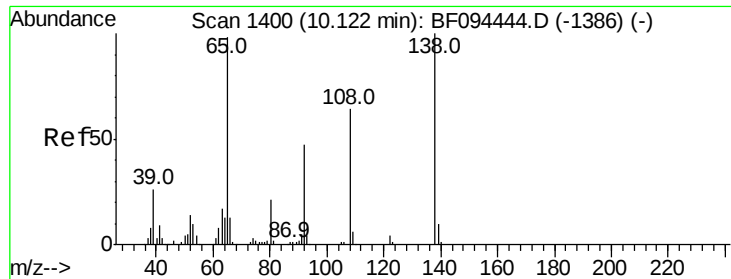
#60
4-Chlorophenyl-phenylether
Concen: 41.83 ng
RT: 10.09 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Tgt Ion:204 Resp: 293810
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 63.9 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.00 ng

RT: 10.13 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

Instrument :

BNA_F

ClientSampled :

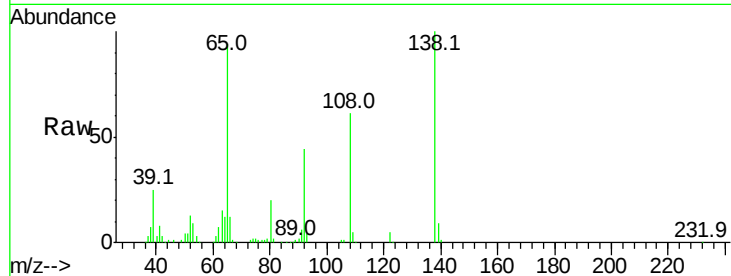
Tot Ion:138 Resp: 174128

Ion Ratio Lower Upper

138 100

92 43.8 21.8 61.8

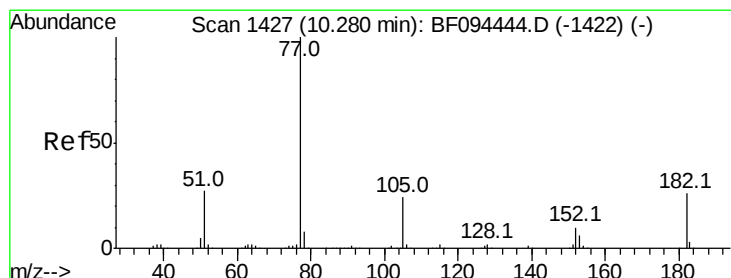
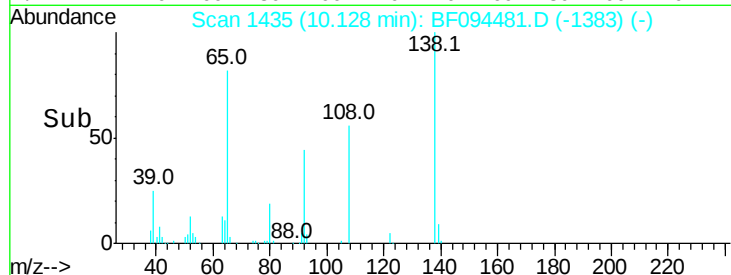
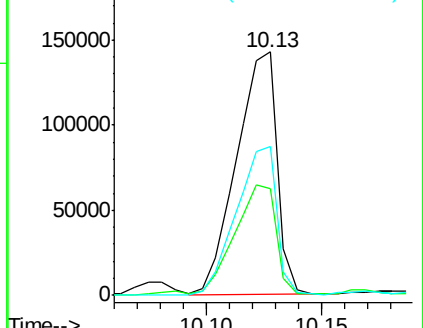
108 61.2 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.34 ng

RT: 10.28 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

Tgt Ion: 77 Resp: 693876

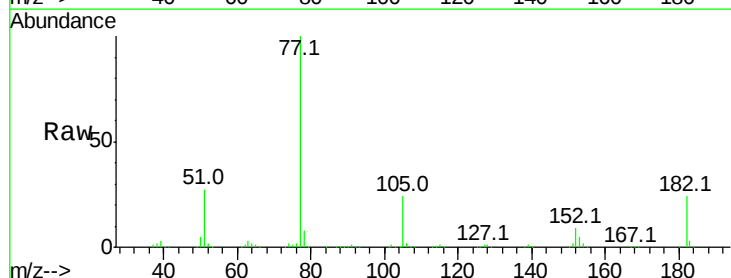
Ion Ratio Lower Upper

77 100

182 23.7 0.1 40.1

105 23.6 3.6 43.6

51 27.1 9.4 49.4

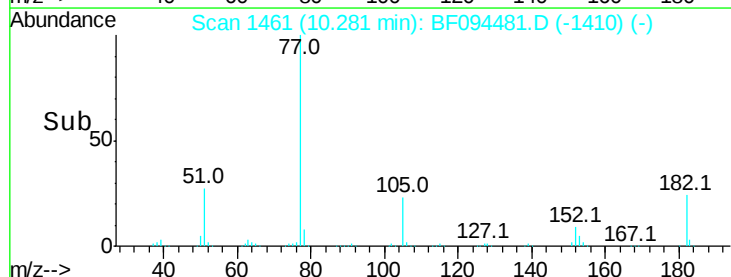
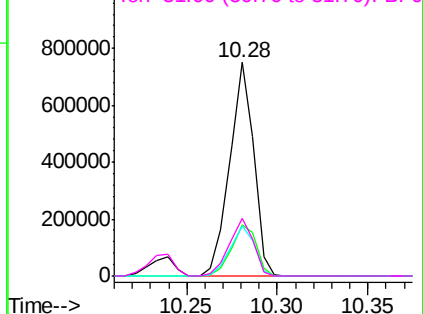


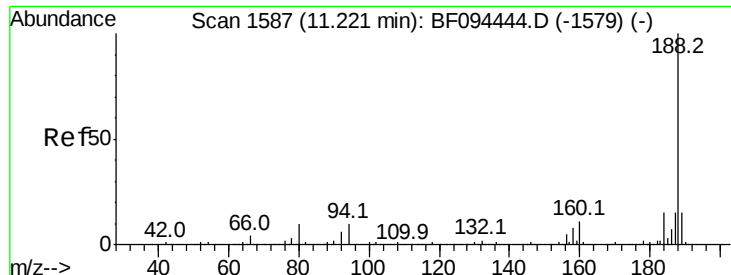
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

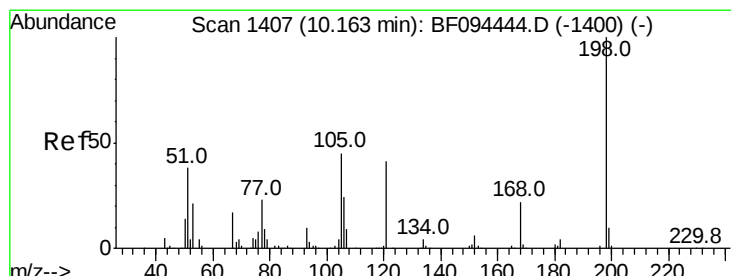
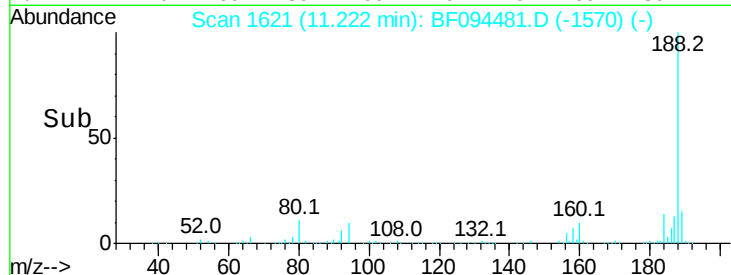
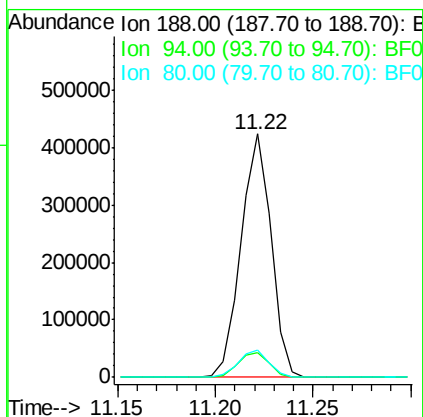
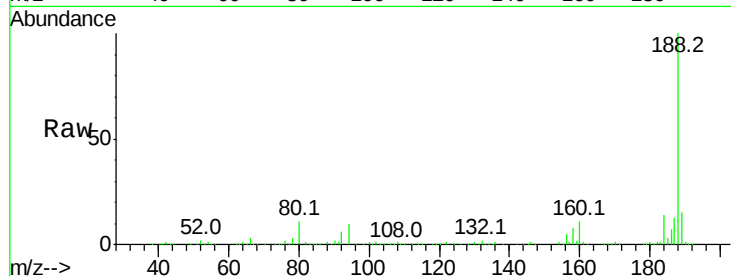




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

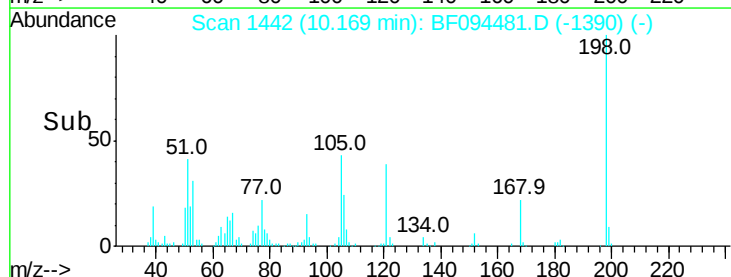
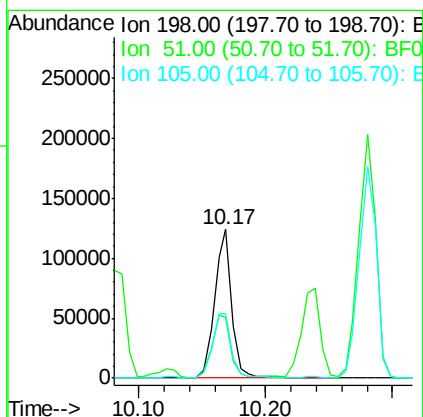
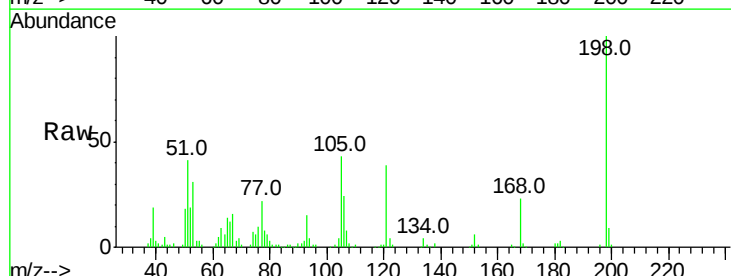
Instrument :
 BNA_F
 ClientSampleId :

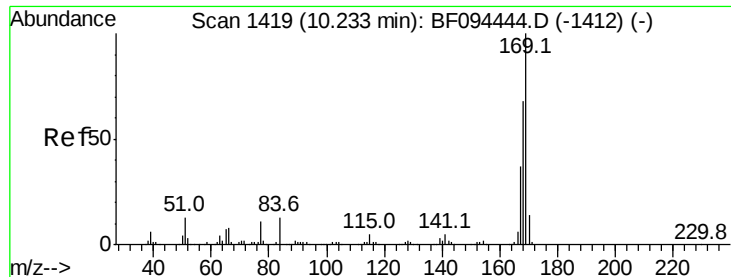
Tot Ion:188 Resp: 452179
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.4 14.2
 80 11.4 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.22 ng
 RT: 10.17 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Tgt Ion:198 Resp: 119150
 Ion Ratio Lower Upper
 198 100
 51 41.0 53.2 93.2#
 105 43.0 45.8 85.8#

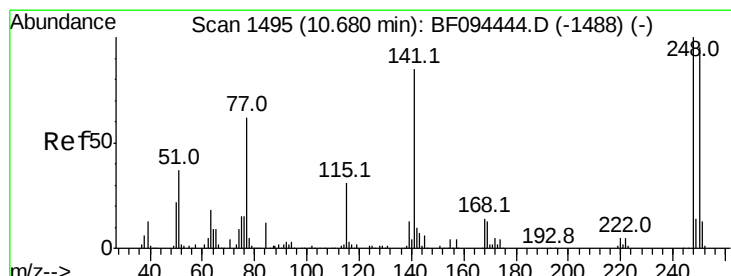
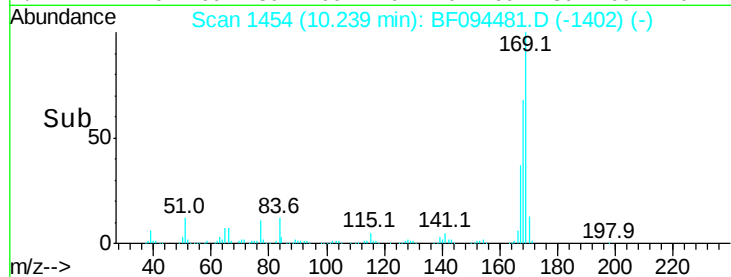
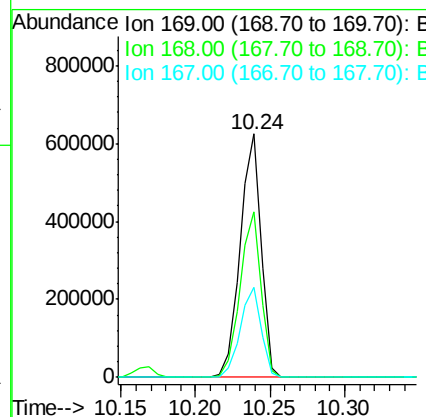
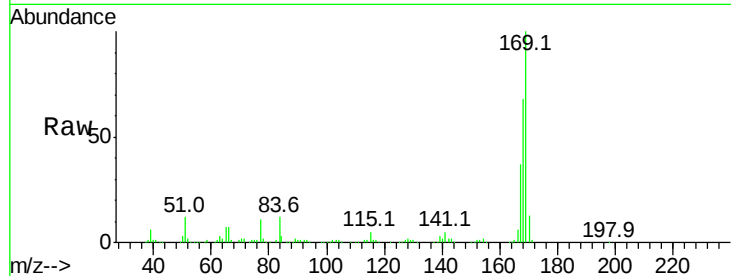




#65
 n-Nitrosodiphenylamine
 Concen: 39.06 ng
 RT: 10.24 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

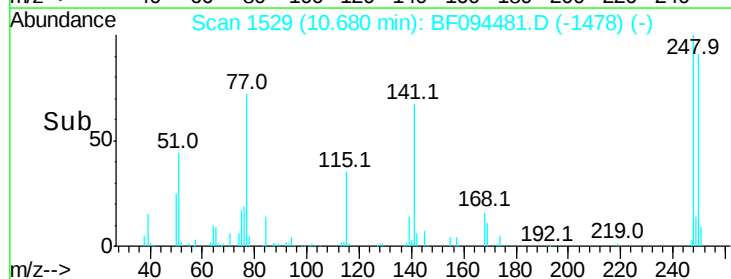
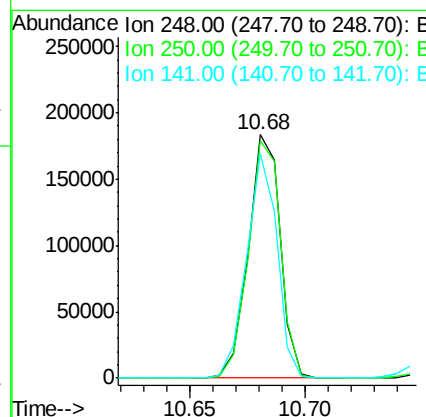
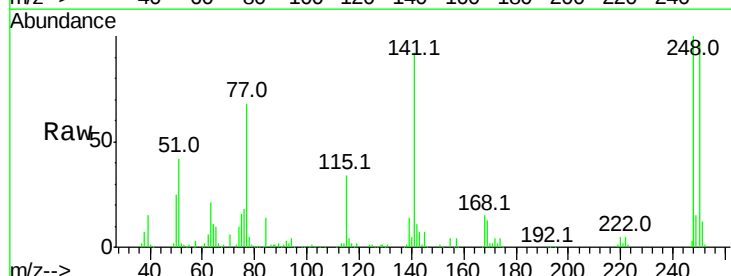
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 614240
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.2 79.8
 167 37.0 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 39.51 ng
 RT: 10.68 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Tgt Ion:248 Resp: 177387
 Ion Ratio Lower Upper
 248 100
 250 97.2 76.8 115.2
 141 92.4 68.6 103.0

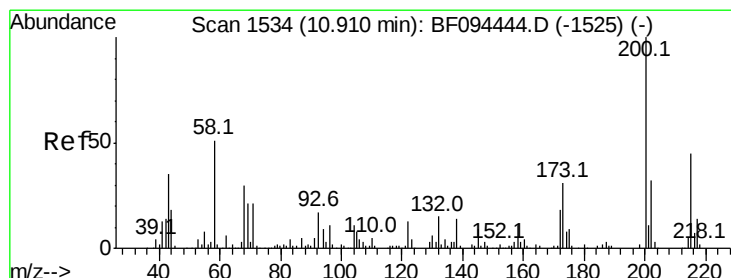
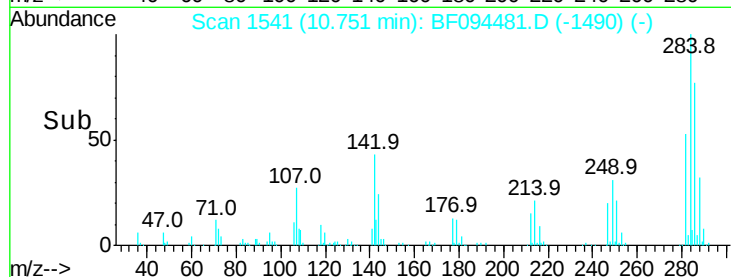
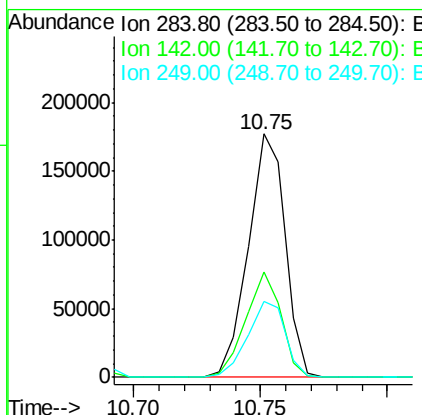
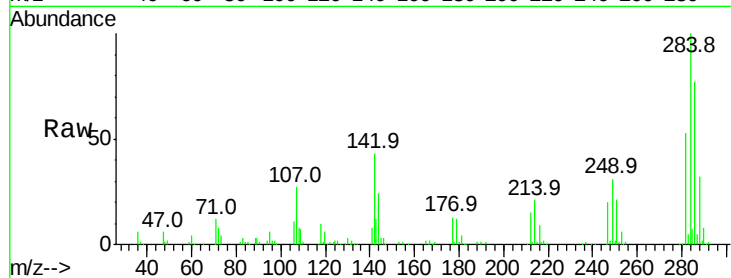




#67
Hexachlorobenzene
Concen: 39.75 ng
RT: 10.75 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

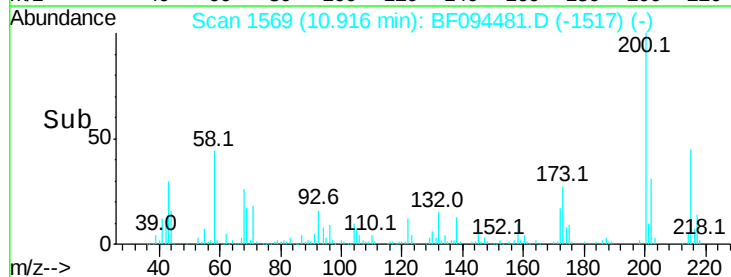
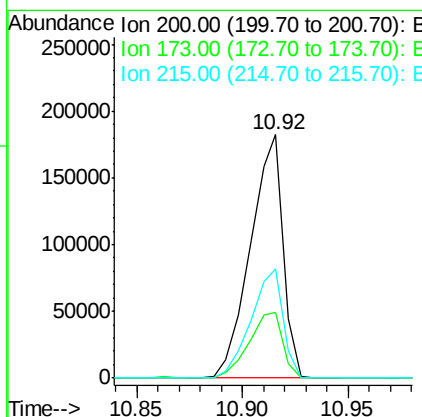
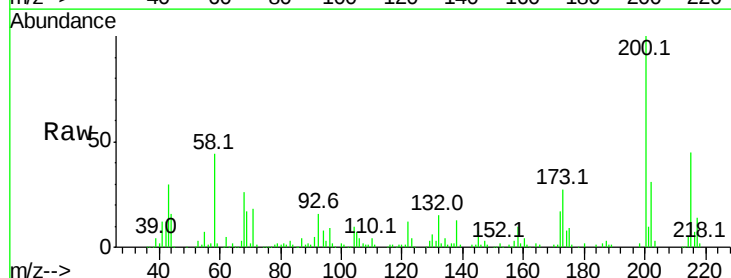
Instrument :
BNA_F
ClientSampled :

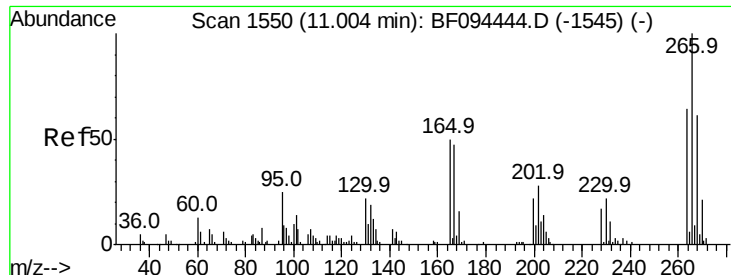
Tot Ion:284 Resp: 179885
Ion Ratio Lower Upper
284 100
142 43.4 22.8 34.2#
249 31.1 24.0 36.0



#68
Atrazine
Concen: 41.35 ng
RT: 10.92 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Tgt Ion:200 Resp: 194553
Ion Ratio Lower Upper
200 100
173 27.1 6.3 46.3
215 45.1 27.2 67.2

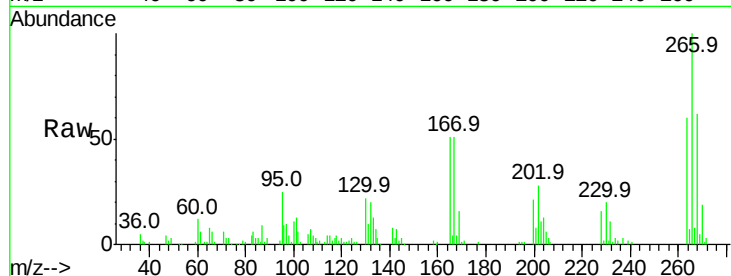




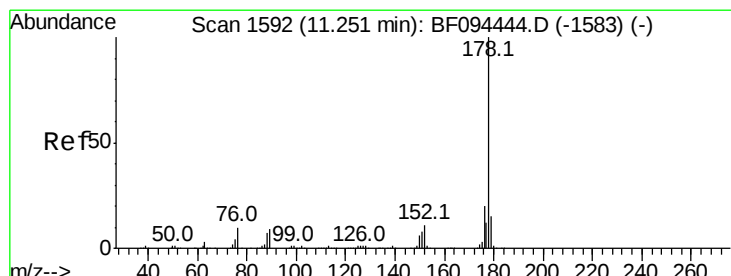
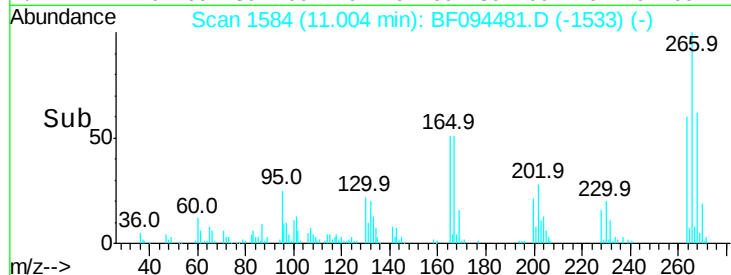
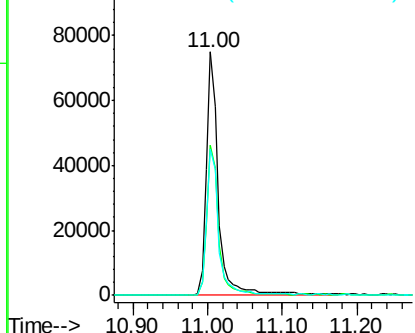
#69
 Pentachlorophenol
 Concen: 47.48 ng
 RT: 11.00 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 85304
 Ion Ratio Lower Upper
 266 100
 268 61.8 51.1 76.7
 264 59.9 51.7 77.5

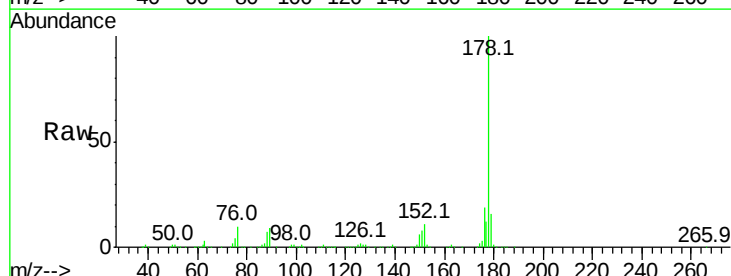


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

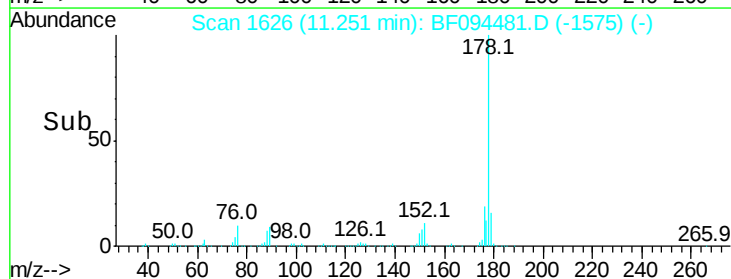
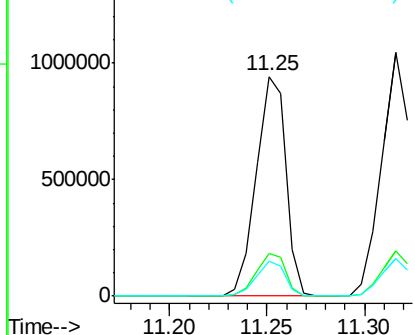


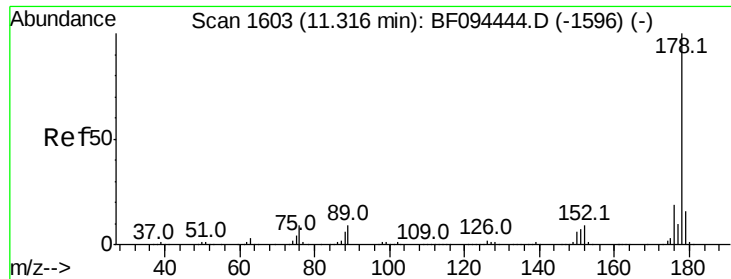
#70
 Phenanthrene
 Concen: 39.07 ng
 RT: 11.25 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Tgt Ion:178 Resp: 994808
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.2 24.4
 179 16.0 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

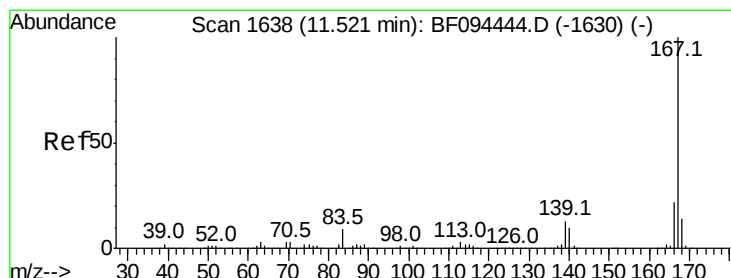
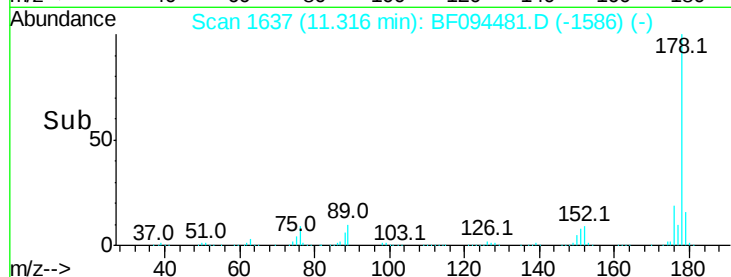
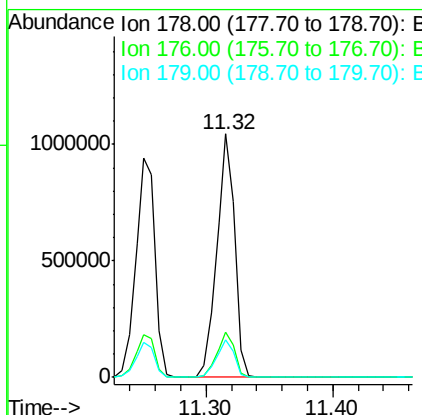
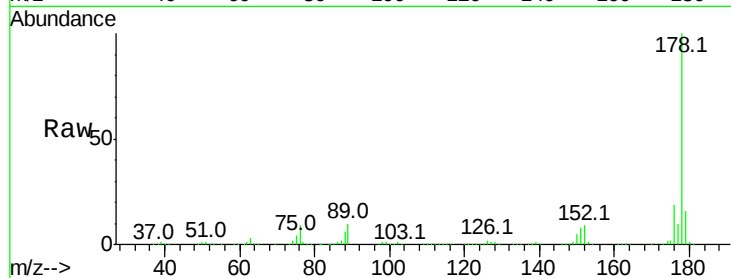




#71
 Anthracene
 Concen: 39.27 ng
 RT: 11.32 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

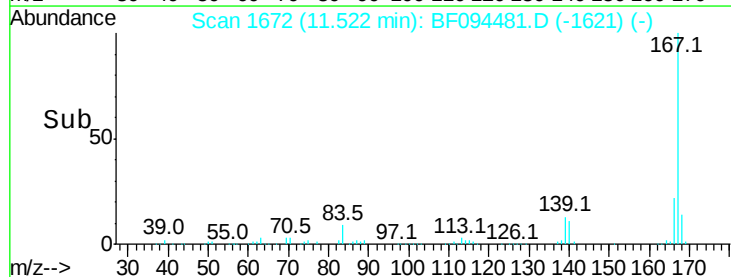
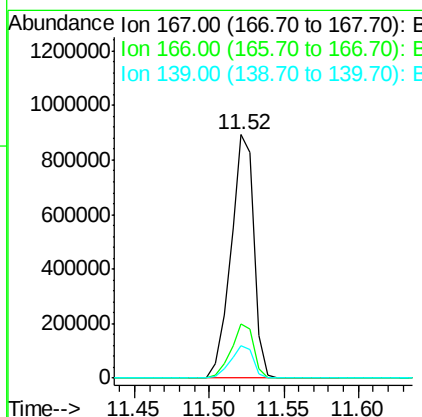
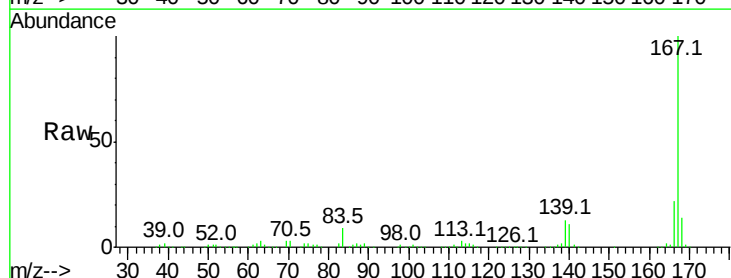
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1034220
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 39.14 ng
 RT: 11.52 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Tgt Ion:167 Resp: 967566
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.2 11.7 17.5

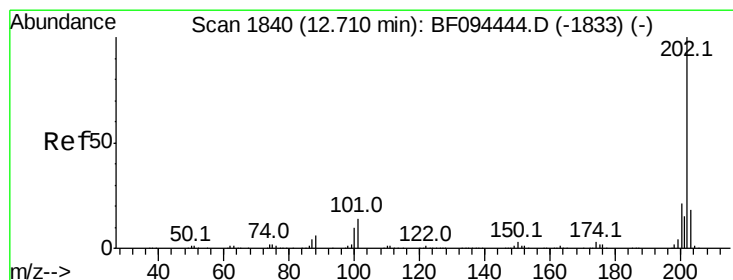
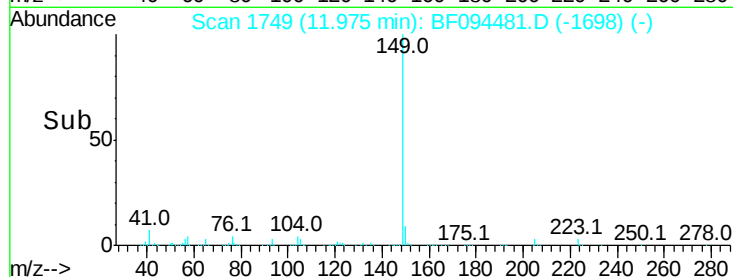
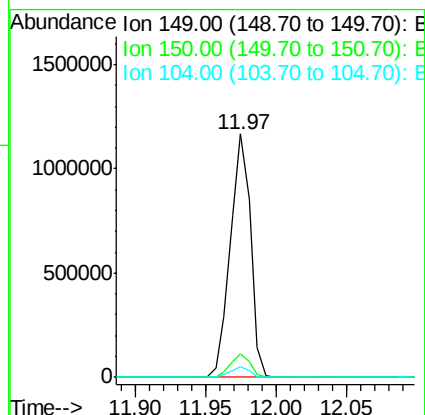
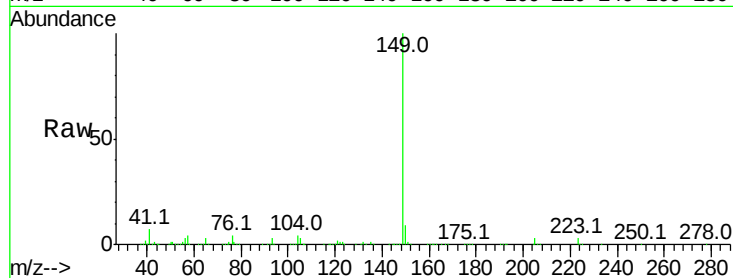




#73
Di-n-butylphthalate
Concen: 42.73 ng
RT: 11.97 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

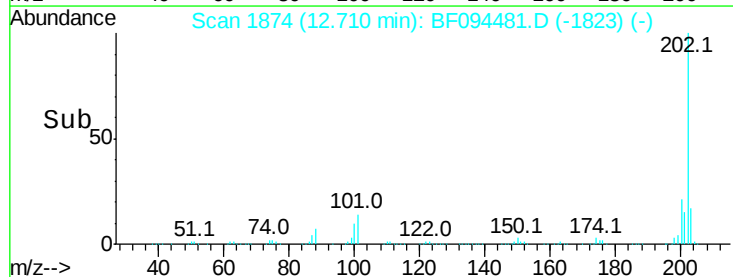
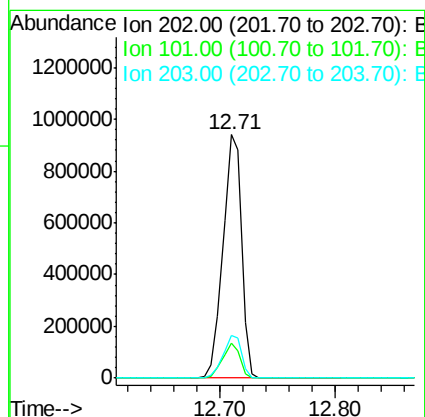
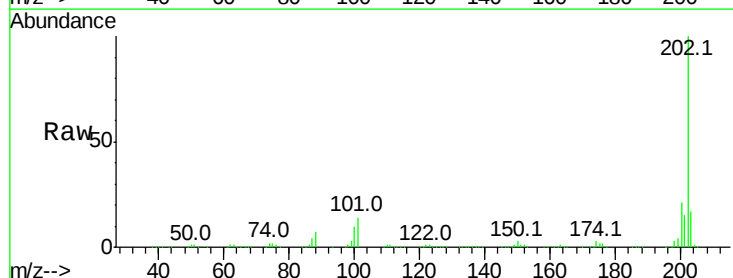
Instrument :
BNA_F
ClientSampleId :

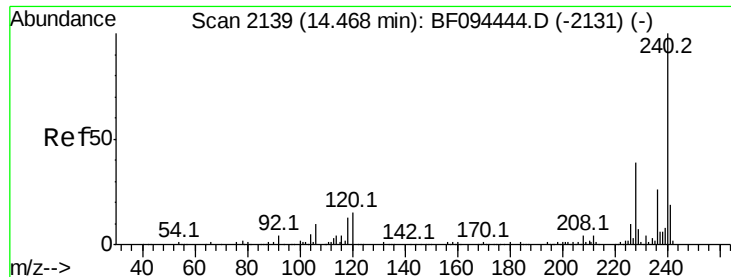
Tot Ion:149 Resp: 1163121
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.4 4.0 6.0



#74
Fluoranthene
Concen: 39.71 ng
RT: 12.71 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Tgt Ion:202 Resp: 1048088
Ion Ratio Lower Upper
202 100
101 14.2 0.0 33.2
203 17.3 0.0 38.1

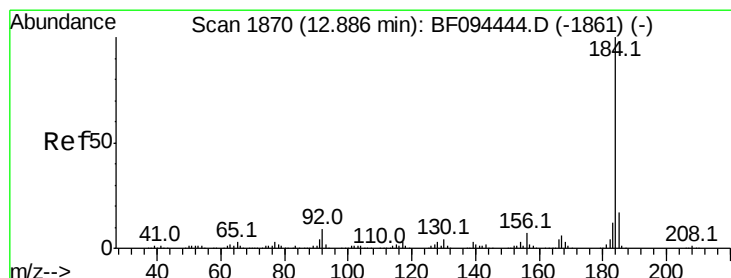
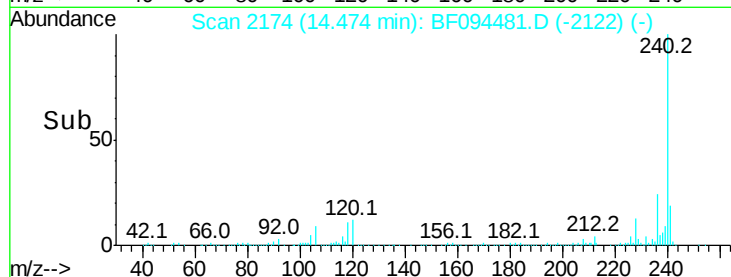
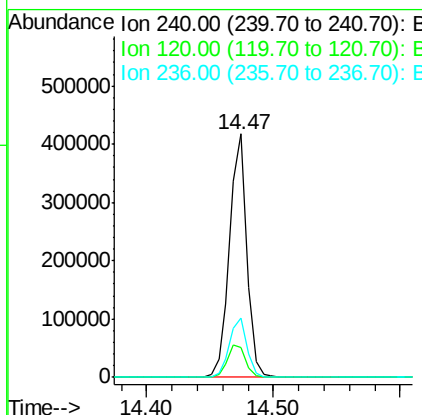
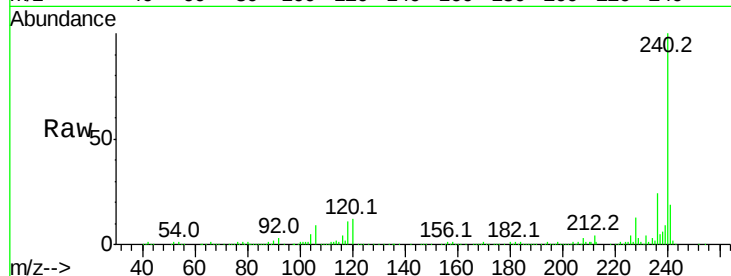




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 2174
 Delta R.T. 0.01 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

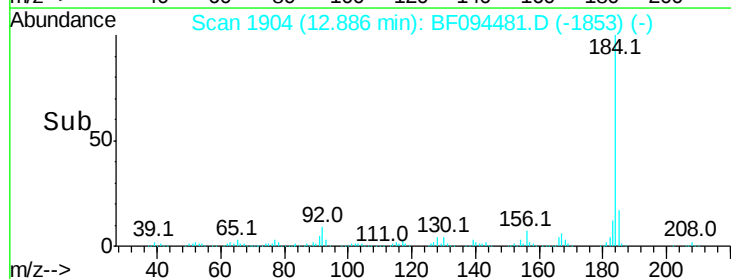
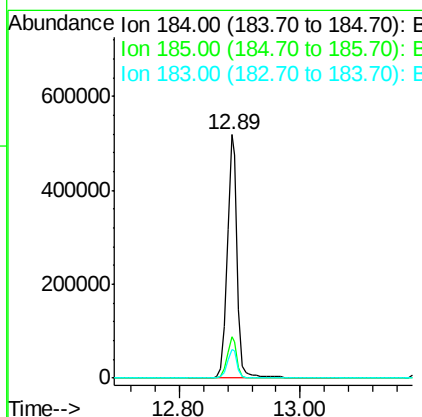
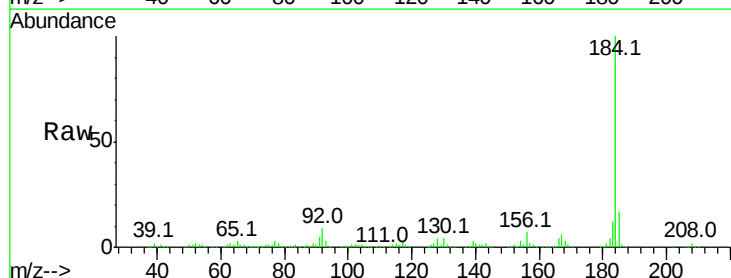
Instrument :
 BNA_F
 ClientSampleID :

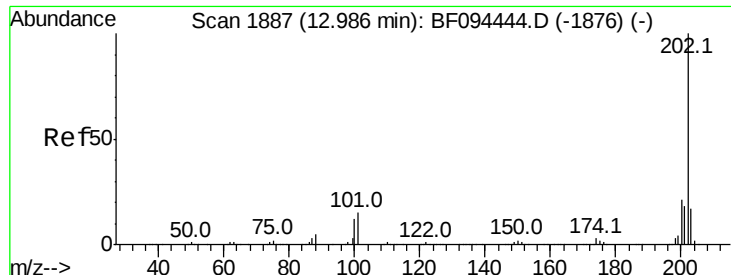
Tot Ion:240 Resp: 392229
 Ion Ratio Lower Upper
 240 100
 120 12.5 5.8 8.8#
 236 24.3 20.5 30.7



#76
 Benzidine
 Concen: 37.61 ng
 RT: 12.89 min Scan# 1904
 Delta R.T. 0.00 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Tgt Ion:184 Resp: 597330
 Ion Ratio Lower Upper
 184 100
 185 16.8 15.5 23.3
 183 12.0 9.8 14.6

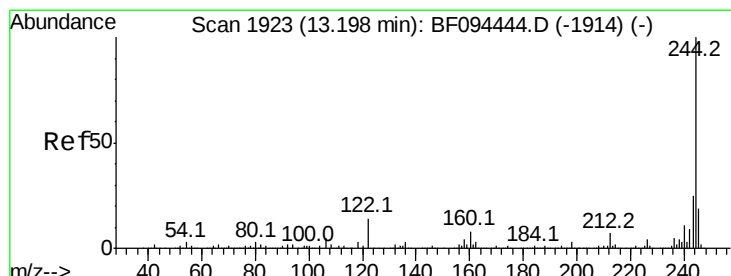
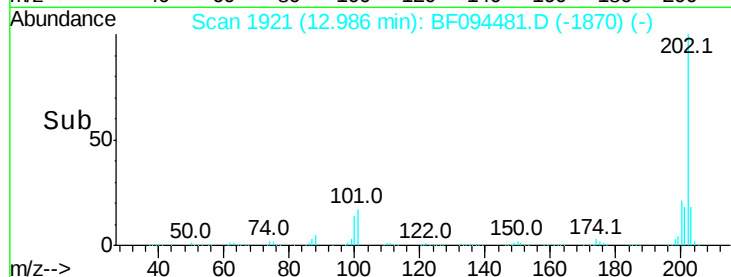
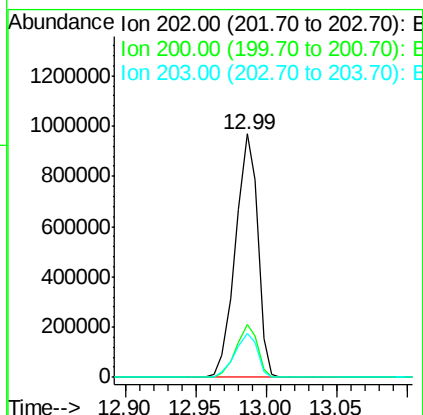
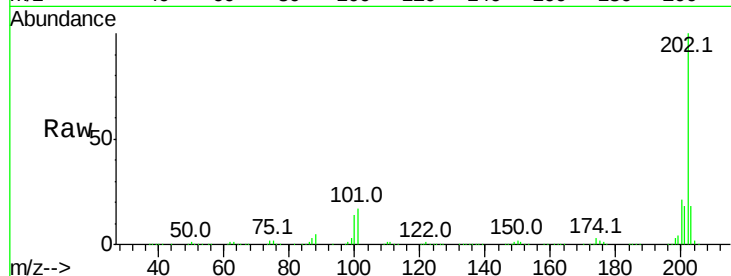




#77
Pvrene
Concen: 38.84 ng
RT: 12.99 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

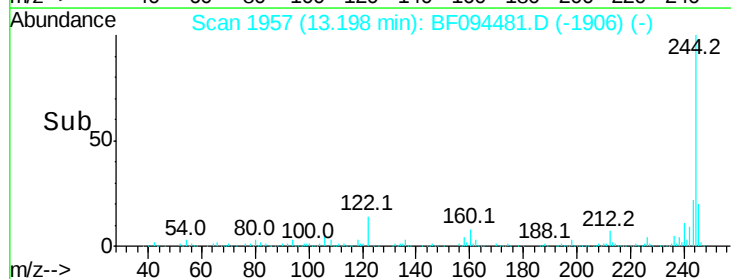
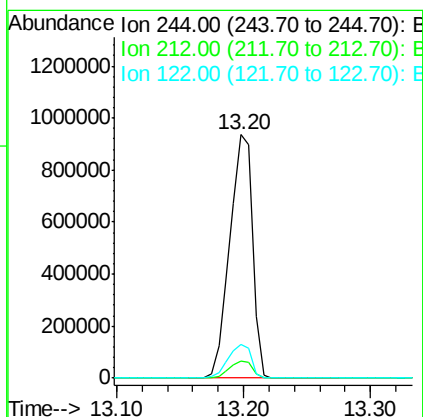
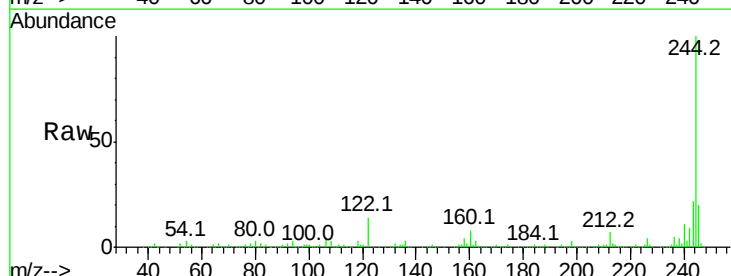
Instrument :
BNA_F
ClientSampleId :

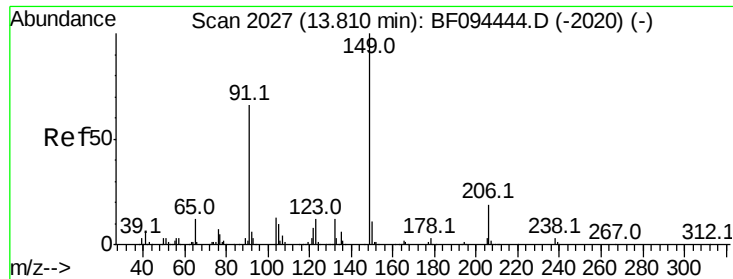
Tot Ion:202 Resp: 1064358
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 18.0 14.4 21.6



#78
Terphenyl-d14
Concen: 78.70 ng
RT: 13.20 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Tgt Ion:244 Resp: 1154805
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 14.1 10.3 15.5

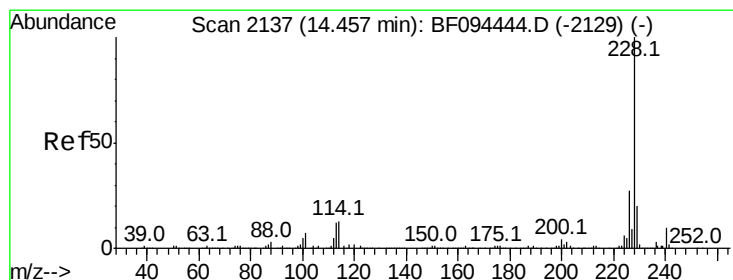
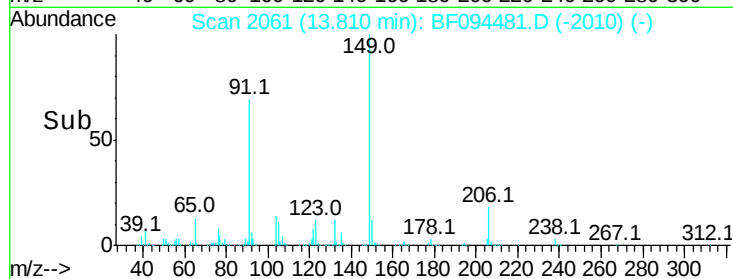
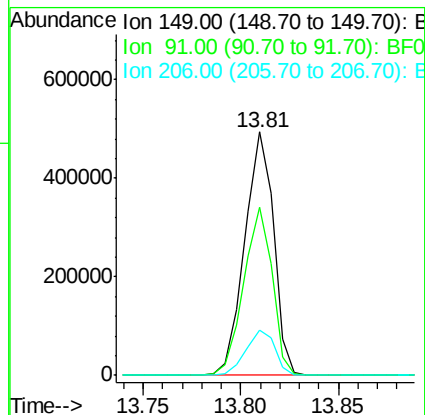
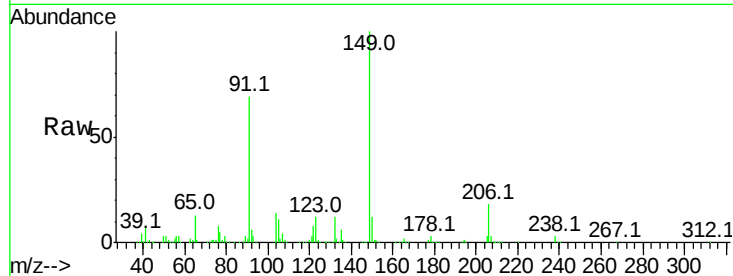




#79
Butylbenzylphthalate
Concen: 42.31 ng
RT: 13.81 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

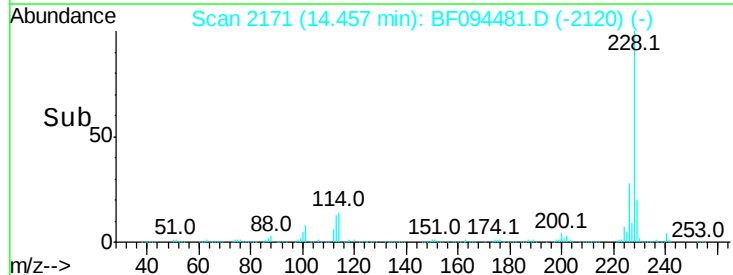
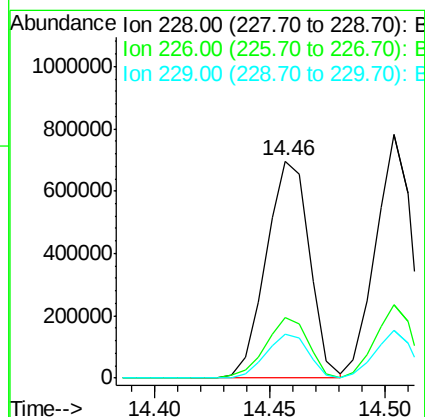
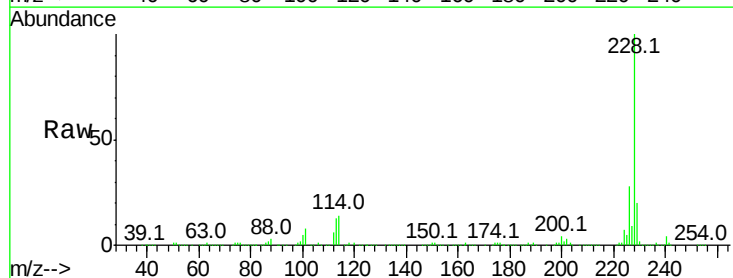
Instrument :
BNA_F
ClientSampleId :

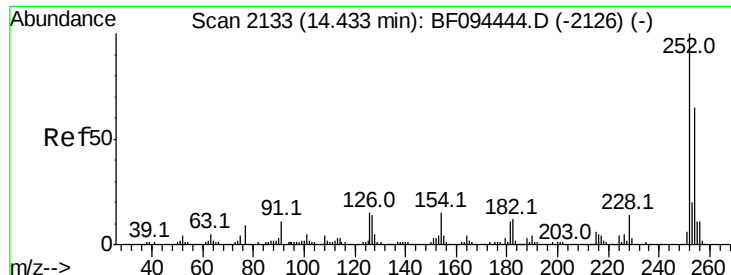
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.0	45.0	67.4#
206	18.5	17.0	25.6



#80
Benzo(a)anthracene
Concen: 39.73 ng
RT: 14.46 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.0	16.3	24.5

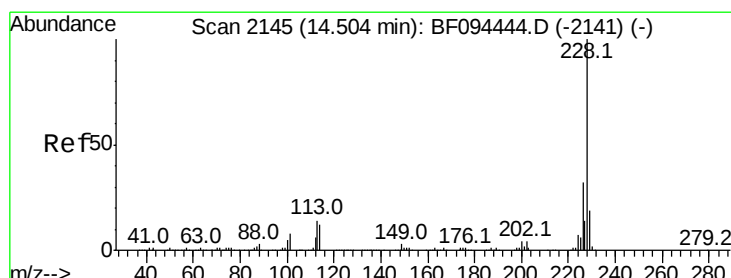
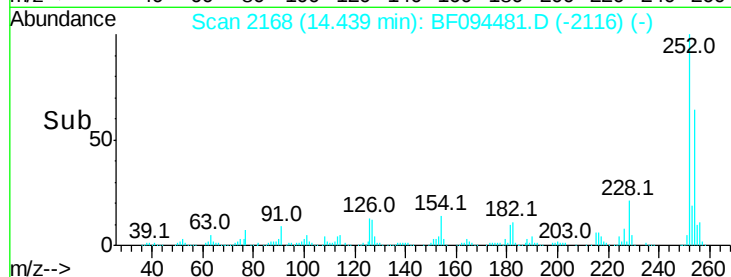
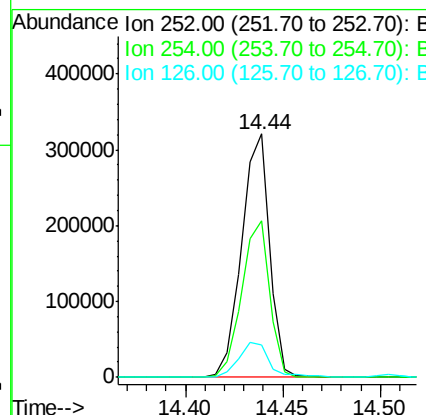
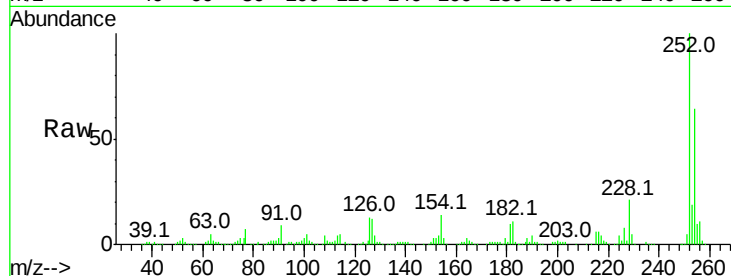




#81
 3,3'-Dichlorobenzidine
 Concen: 39.55 ng
 RT: 14.44 min Scan# 2168
 Delta R.T. 0.01 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

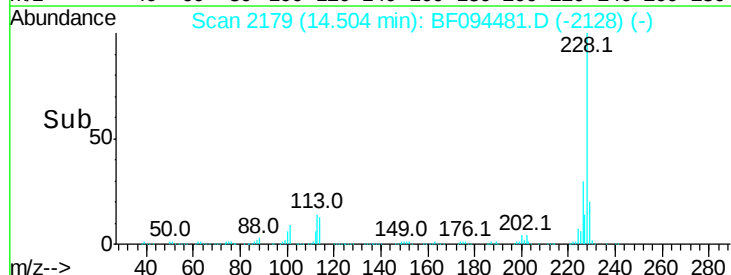
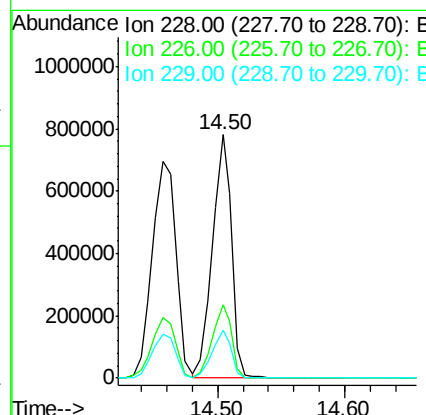
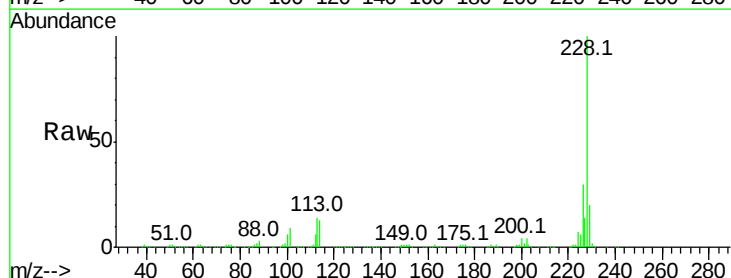
Instrument :
 BNA_F
 ClientSampleId :

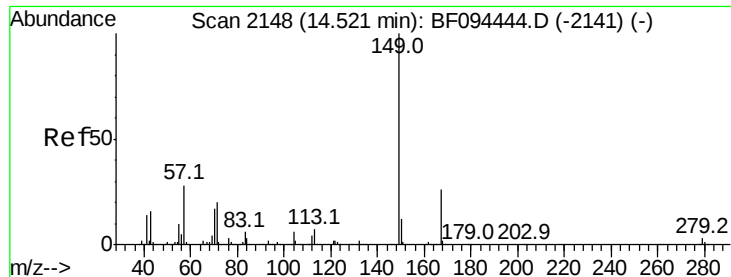
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.5	77.3
126	13.2	15.8	23.8



#82
 Chrysene
 Concen: 39.84 ng
 RT: 14.50 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	19.5	15.8	23.6

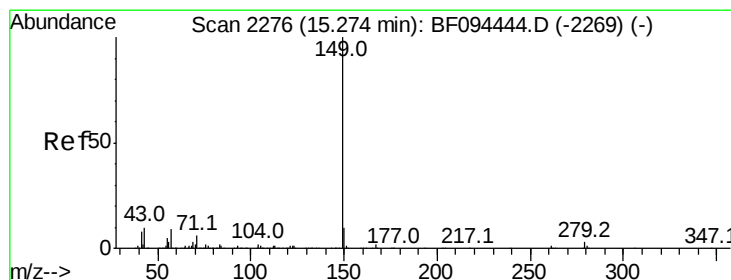
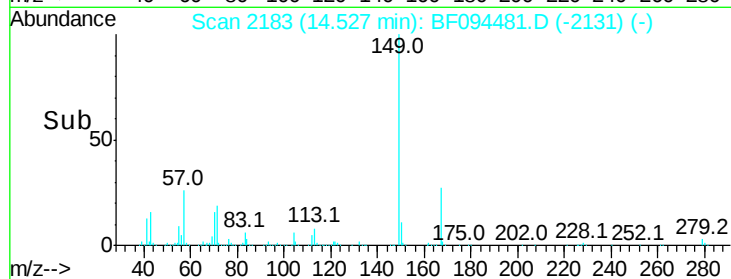
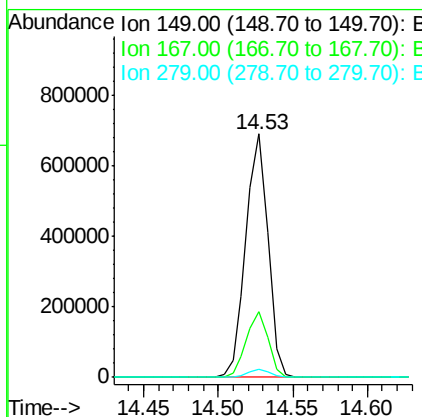
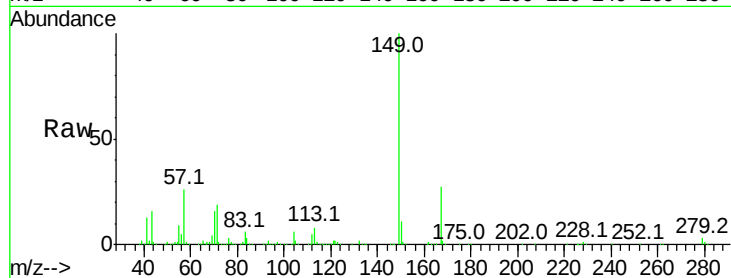




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.23 ng
 RT: 14.53 min Scan# 2183
 Delta R.T. 0.01 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

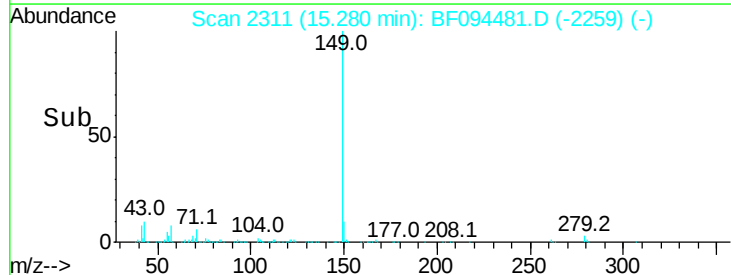
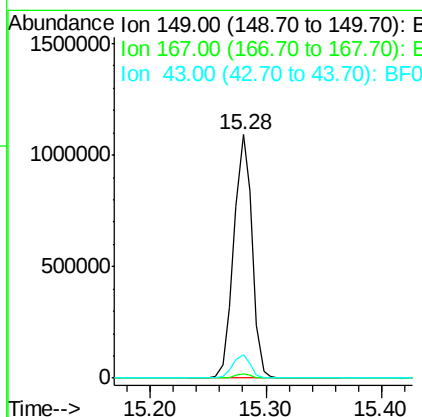
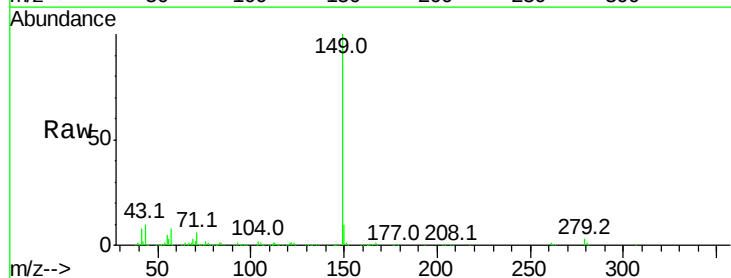
Instrument :
 BNA_F
 ClientSampleId :

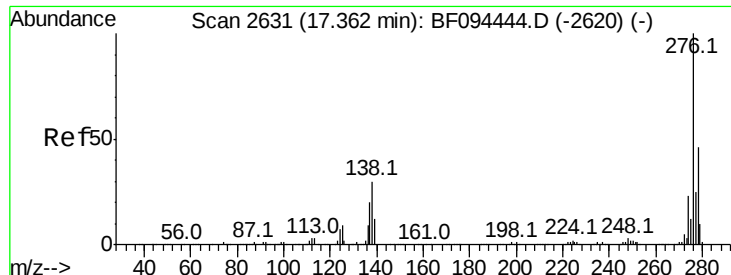
Tot Ion:149 Resp: 713122
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 43.99 ng
 RT: 15.28 min Scan# 2311
 Delta R.T. 0.01 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Tgt Ion:149 Resp: 1189804
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.6 8.5 12.7

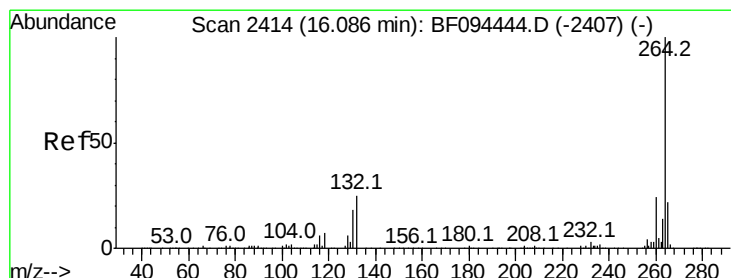
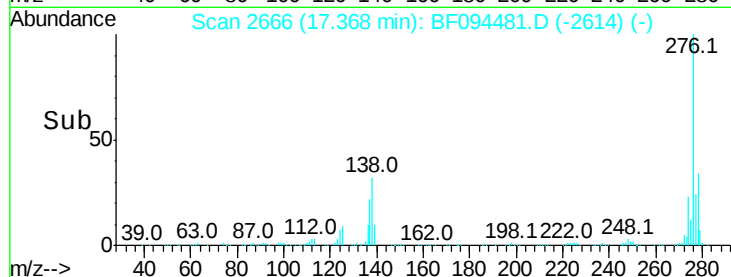
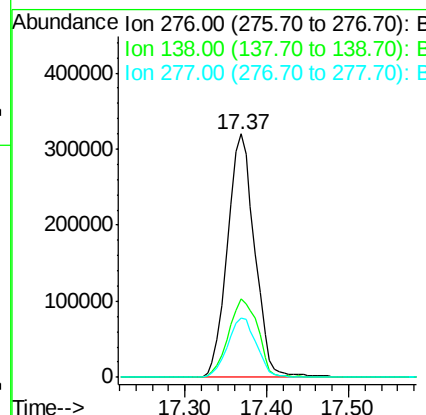
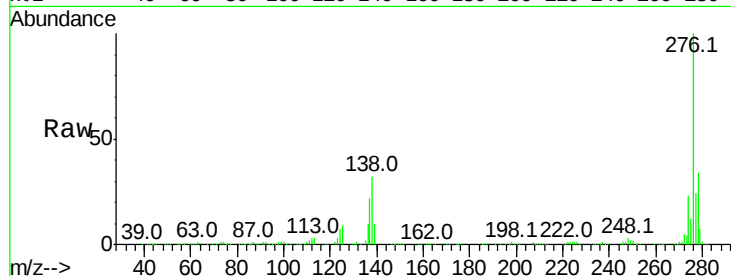




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.52 ng
 RT: 17.37 min Scan# 2666
 Delta R.T. 0.01 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

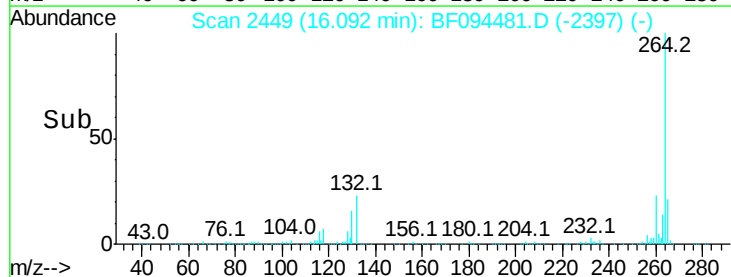
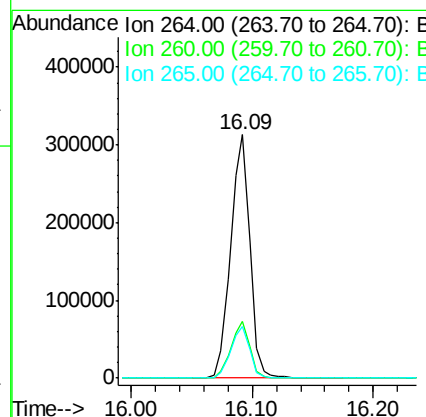
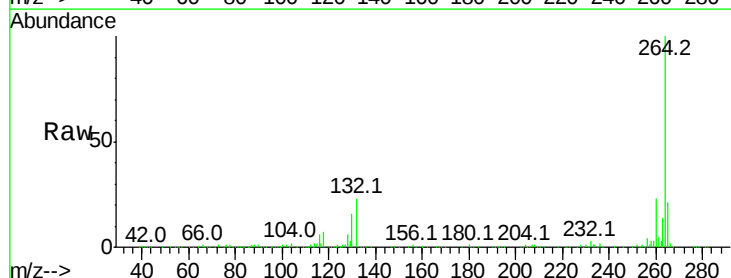
Instrument :
 BNA_F
 ClientSampleId :

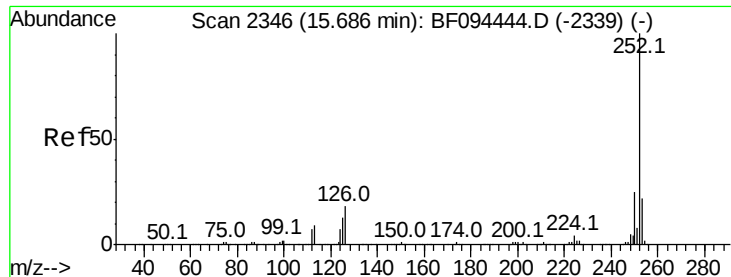
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.1	27.8	41.6
277	25.6	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2449
 Delta R.T. 0.01 min
 Lab File: BF094481.D
 Acq: 18 Apr 2017 12:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 41.63 ng

RT: 15.69 min Scan# 2381

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

Instrument :

BNA_F

ClientSampleId :

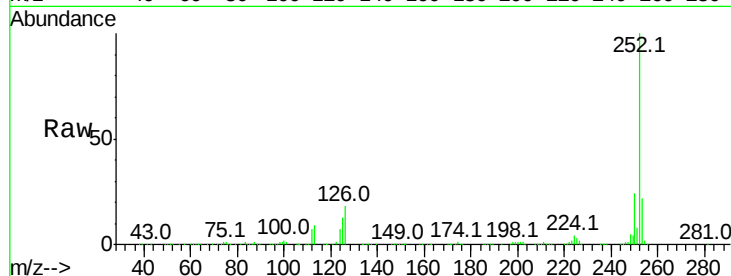
Tot Ion:252 Resp: 877499

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

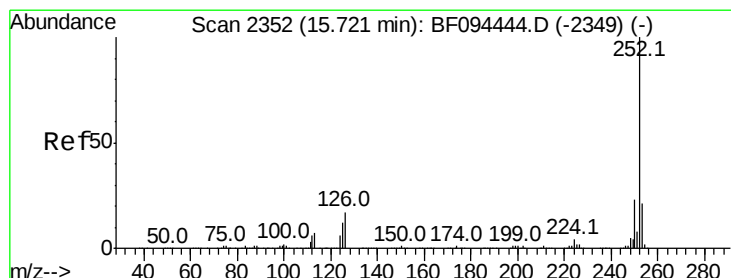
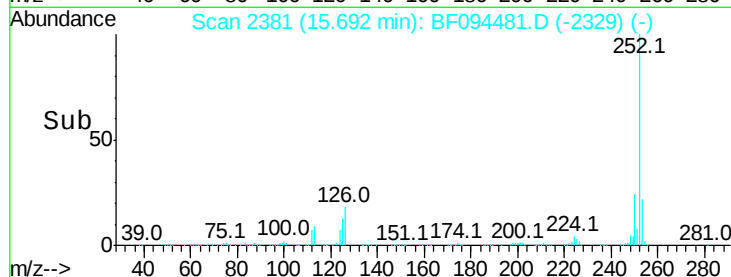
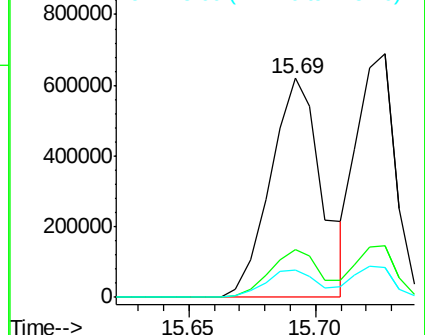
125 12.6 9.8 14.8



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: 36.99 ng

RT: 15.73 min Scan# 2387

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

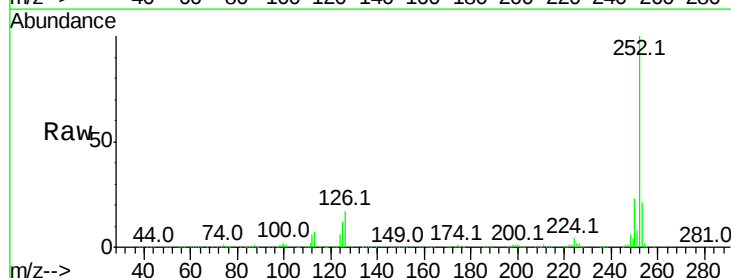
Tgt Ion:252 Resp: 737796

Ion Ratio Lower Upper

252 100

253 21.2 18.4 27.6

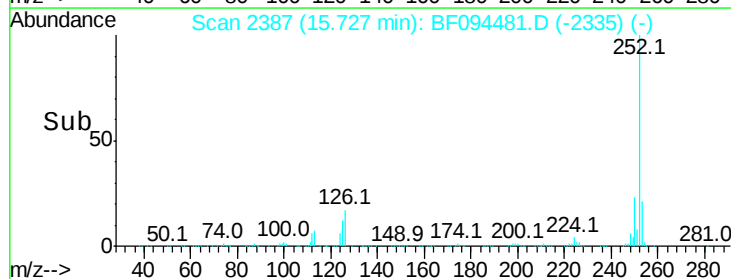
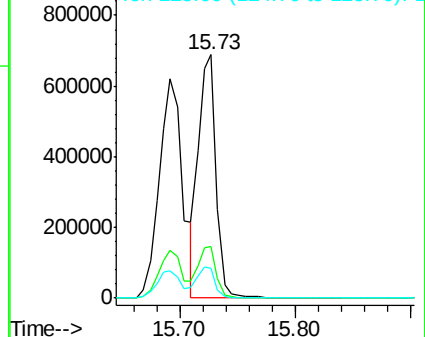
125 12.4 13.1 19.7#

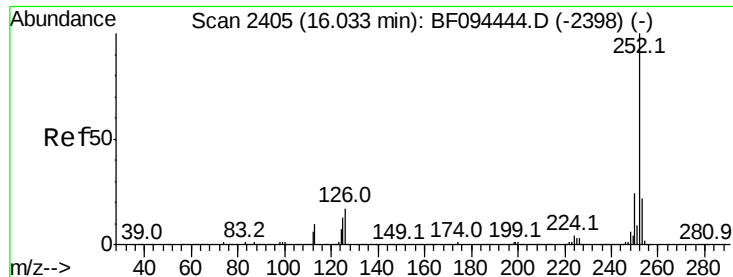


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

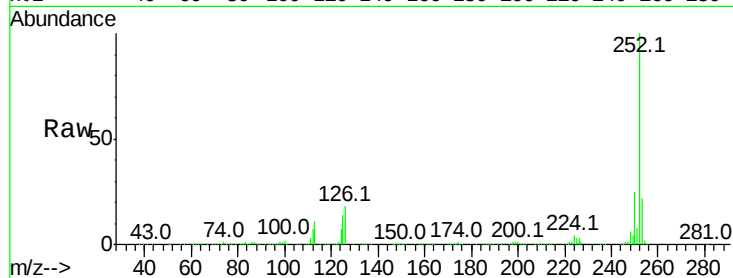




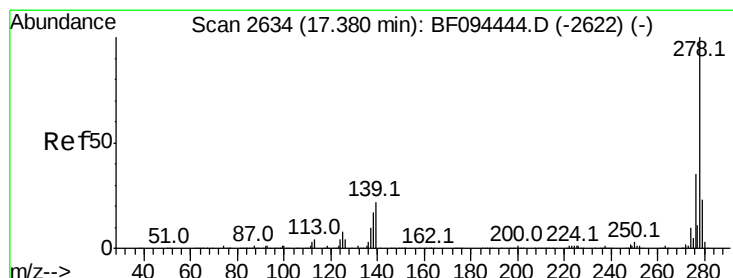
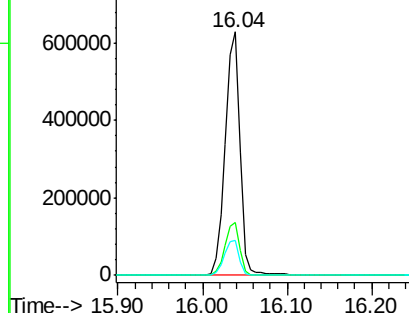
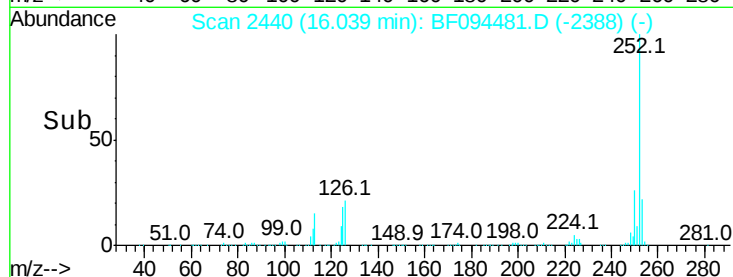
#89
Benzo(a)pyrene
Concen: 39.24 ng
RT: 16.04 min Scan# 2440
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.2	11.0	16.4

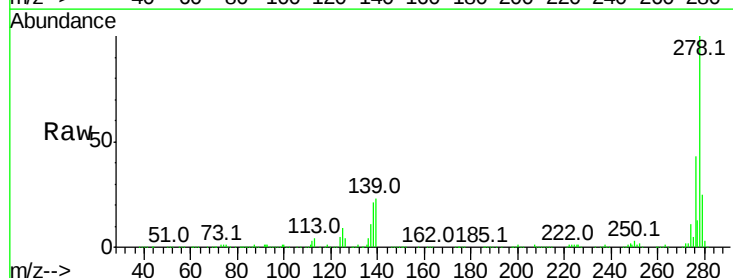


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

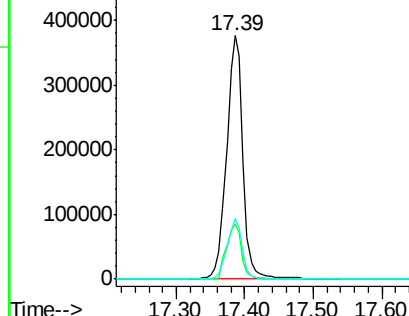
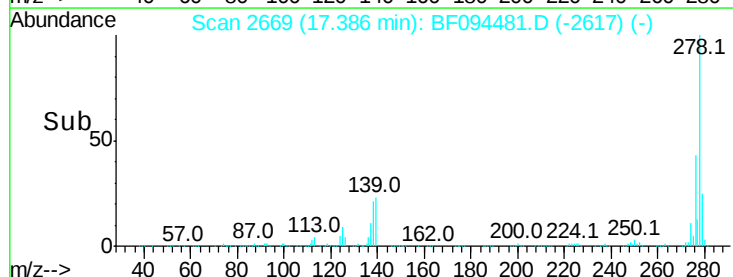


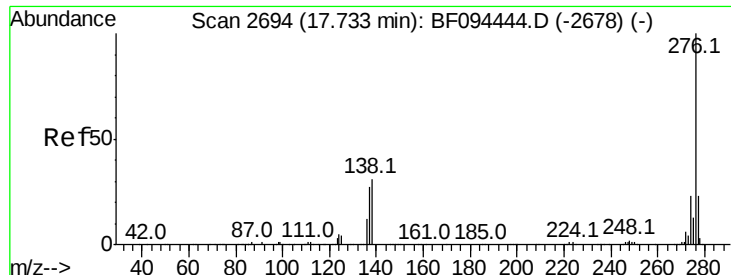
#90
Dibenzo(a,h)anthracene
Concen: 38.42 ng
RT: 17.39 min Scan# 2669
Delta R.T. 0.01 min
Lab File: BF094481.D
Acq: 18 Apr 2017 12:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	16.6	24.8
279	24.8	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: 35.86 ng

RT: 17.74 min Scan# 2730

Delta R.T. 0.01 min

Lab File: BF094481.D

Acq: 18 Apr 2017 12:25

Instrument :

BNA_F

ClientSampleId :

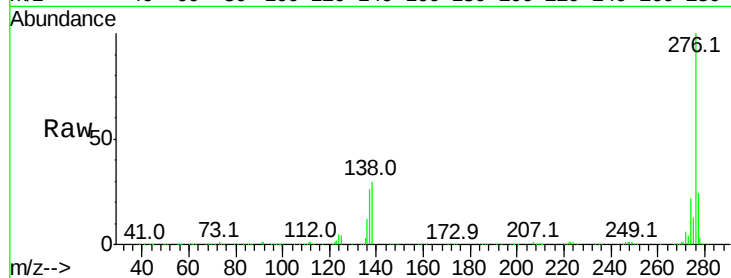
Tot Ion:276 Resp: 594452

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 30.4 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

