

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
 Data File : BF094442.D
 Acq On : 17 Apr 2017 11:49
 Operator : SJ/MA
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 17 13:47:32 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 13:38:44 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	151337	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	601637	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	274462	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	483943	20.00	ng	0.00
75) Chrysene-d12	14.46	240	435941	20.00	ng	0.00
86) Perylene-d12	16.08	264	389765	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.30	112	198640	22.17	ng	0.00
7) Phenol-d6	5.38	99	238149	21.48	ng	-0.01
23) Nitrobenzene-d5	6.40	82	208583	19.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	47014	21.68	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	429225	23.85	ng	0.00
78) Terphenyl-d14	13.19	244	358454	18.43	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.08	88	55710	12.94	ng	94
3) Pyridine	2.59	79	115275	9.83	ng	98
4) n-Nitrosodimethylamine	2.54	42	49692	10.29	ng	93
6) Aniline	5.38	93	156871	10.17	ng	94
8) 2-Chlorophenol	5.53	128	112261	11.40	ng	95
9) Benzaldehyde	5.25	77	88735	11.86	ng	98
10) Phenol	5.39	94	140168	11.11	ng	97
11) bis(2-Chloroethyl)ether	5.46	93	100922	10.24	ng	96
12) 1,3-Dichlorobenzene	5.69	146	122902	11.13	ng	99
13) 1,4-Dichlorobenzene	5.78	146	123087	11.00	ng	98
14) 1,2-Dichlorobenzene	5.95	146	117213	11.38	ng	96
15) Benzyl Alcohol	5.93	79	86898	10.71	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.09	45	136371	8.98	ng	84
17) 2-Methylphenol	6.08	107	88406	10.48	ng	96
18) Hexachloroethane	6.35	117	41423	10.53	ng	# 86
19) n-Nitroso-di-n-propylamine	6.24	70	76055	10.68	ng	95
20) 3+4-Methylphenols	6.26	107	118299	11.58	ng	# 61
22) Acetophenone	6.23	105	156101	11.64	ng	# 86
24) Nitrobenzene	6.43	77	108576	10.44	ng	93
25) Isophorone	6.72	82	191790	10.35	ng	96
26) 2-Nitrophenol	6.80	139	56246	11.34	ng	90
27) 2,4-Dimethylphenol	6.89	122	95818	11.21	ng	98
28) bis(2-Chloroethoxy)methane	6.98	93	125863	10.30	ng	98
29) 2,4-Dichlorophenol	7.11	162	90500	11.33	ng	96
30) 1,2,4-Trichlorobenzene	7.20	180	93820	11.40	ng	97
31) Naphthalene	7.29	128	317469	10.97	ng	98
32) Benzoic acid	7.01	122	42861	7.54	ng	98
33) 4-Chloroaniline	7.36	127	130738	11.15	ng	93
34) Hexachlorobutadiene	7.45	225	45522	10.79	ng	99
35) Caprolactam	7.76	113	26570	10.43	ng	96
36) 4-Chloro-3-methylphenol	7.98	107	94559	11.33	ng	90
37) 2-Methylnaphthalene	8.13	142	218069	11.31	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	85700	11.41	ng	99
40) Hexachlorocyclopentadiene	8.32	237	24777	7.05	ng	98

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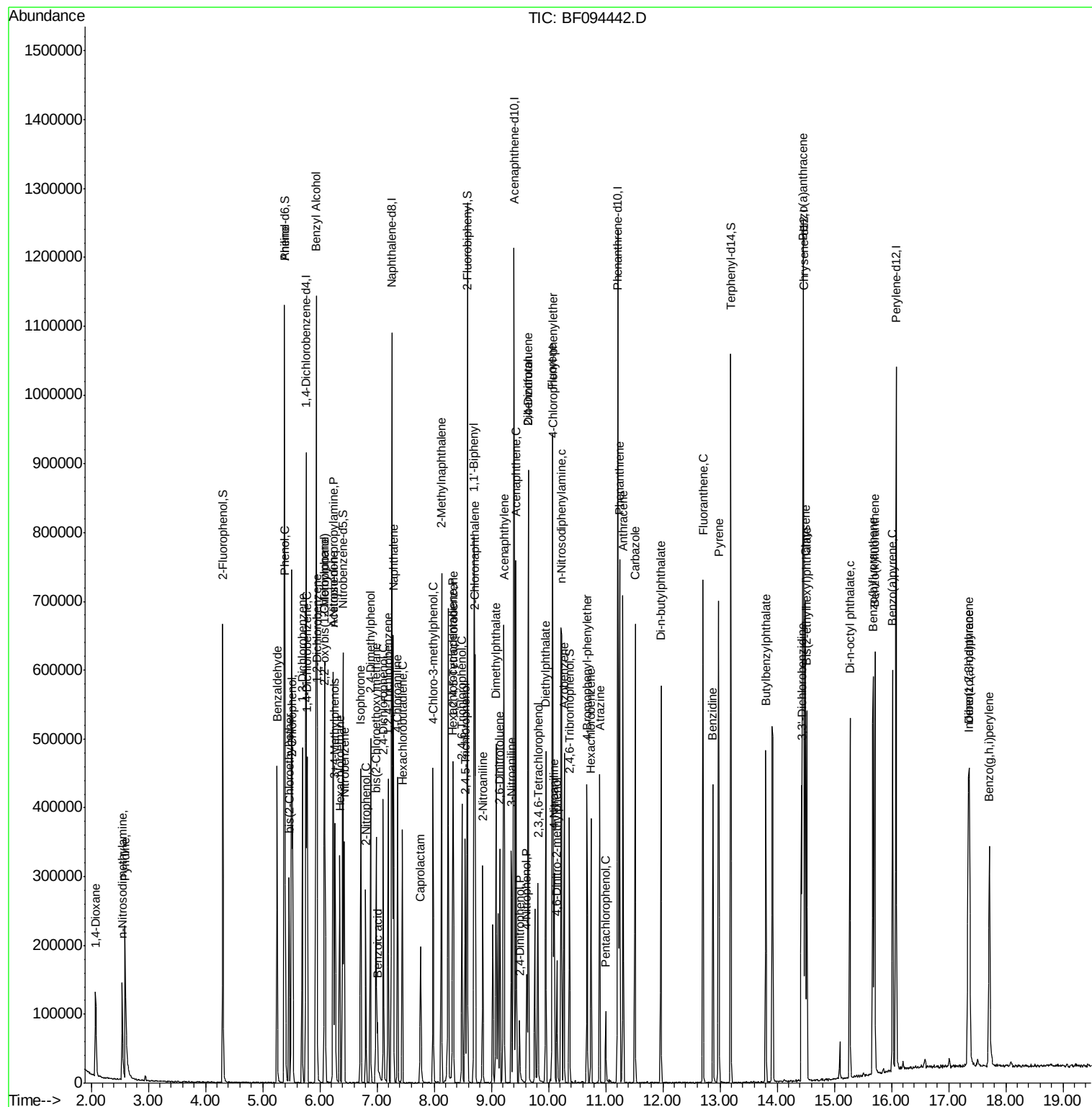
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	58174	10.95	nq	95
43) 2,4,5-Trichlorophenol	8.54	196	60261	10.48	nq	95
45) 1,1'-Biphenyl	8.70	154	251603	11.37	nq	98
46) 2-Chloronaphthalene	8.72	162	199613	11.52	nq	96
47) 2-Nitroaniline	8.85	65	53311	10.37	nq	95
48) Acenaphthylene	9.22	152	310058	10.77	nq	97
49) Dimethylphthalate	9.09	163	217829	11.17	nq	98
50) 2,6-Dinitrotoluene	9.15	165	49202	11.00	nq	# 87
51) Acenaphthene	9.43	154	184089	10.95	nq	99
52) 3-Nitroaniline	9.35	138	55716	10.61	nq	# 95
53) 2,4-Dinitrophenol	9.49	184	15176	7.12	nq	# 76
54) Dibenzofuran	9.65	168	273001	11.93	nq	98
55) 4-Nitrophenol	9.62	139	29788	7.24	nq	# 73
56) 2,4-Dinitrotoluene	9.65	165	62174	11.07	nq	# 64
57) Fluorene	10.07	166	217744	11.48	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	42023	10.66	nq	# 95
59) Diethylphthalate	9.95	149	210490	10.92	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	95661	11.84	nq	89
61) 4-Nitroaniline	10.10	138	56131	11.14	nq	95
62) Azobenzene	10.27	77	202908	11.12	nq	97
64) 4,6-Dinitro-2-methylphenol	10.15	198	27449	9.26	nq	# 73
65) n-Nitrosodiphenylamine	10.23	169	189810	11.34	nq	100
66) 4-Bromophenyl-phenylether	10.67	248	51818	10.89	nq	97
67) Hexachlorobenzene	10.75	284	52296	10.85	nq	# 90
68) Atrazine	10.90	200	55025	10.98	nq	98
69) Pentachlorophenol	11.00	266	14356	4.79	nq	93
70) Phenanthrene	11.25	178	306069	11.37	nq	97
71) Anthracene	11.30	178	318030	11.47	nq	99
72) Carbazole	11.52	167	294087	10.35	nq	96
73) Di-n-butylphthalate	11.97	149	317458	10.74	nq	# 99
74) Fluoranthene	12.70	202	314036	11.39	nq	98
76) Benzidine	12.88	184	186905	10.83	nq	# 93
77) Pyrene	12.97	202	320781	10.14	nq	99
79) Butylbenzylphthalate	13.80	149	134506	9.98	nq	92
80) Benzo(a)anthracene	14.45	228	263580	10.37	nq	97
81) 3,3'-Dichlorobenzidine	14.43	252	96896	10.66	nq	# 97
82) Chrysene	14.49	228	248524	10.53	nq	98
83) Bis(2-ethylhexyl)phthalate	14.52	149	186282	10.13	nq	99
84) Di-n-octyl phthalate	15.27	149	305688	9.95	nq	97
85) Indeno(1,2,3-cd)pyrene	17.34	276	250365	12.25	nq	99
87) Benzo(b)fluoranthene	15.68	252	249986	10.46	nq	97
88) Benzo(k)fluoranthene	15.71	252	246452	10.54	nq	# 94
89) Benzo(a)pyrene	16.02	252	233467	10.61	nq	99
90) Dibenzo(a,h)anthracene	17.36	278	207677	11.15	nq	98
91) Benzo(g,h,i)perylene	17.72	276	212110	11.30	nq	98

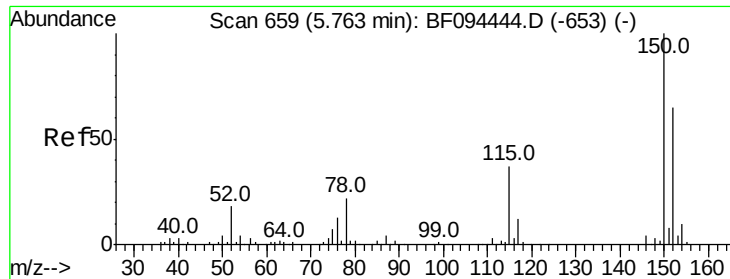
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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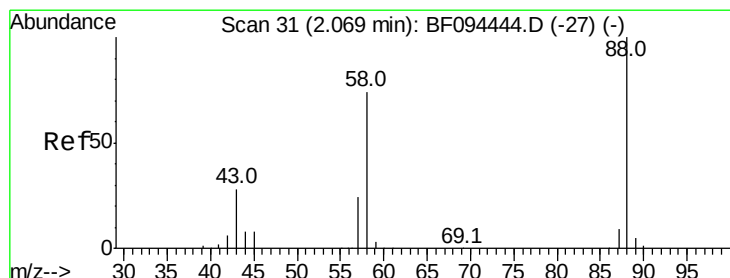
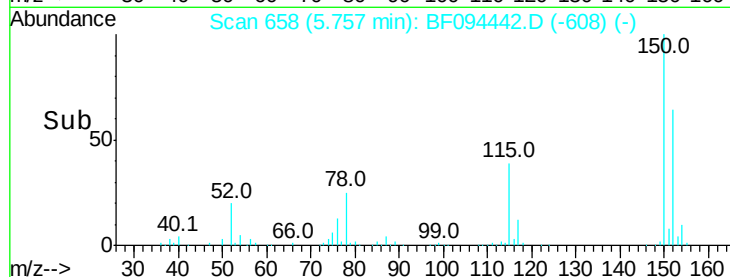
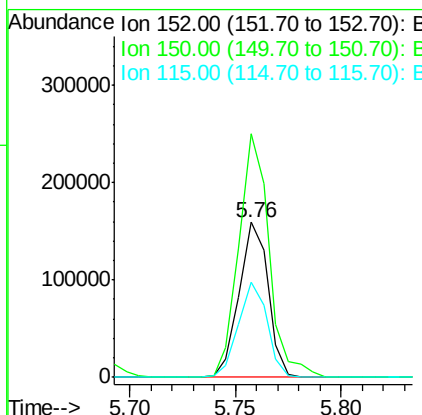
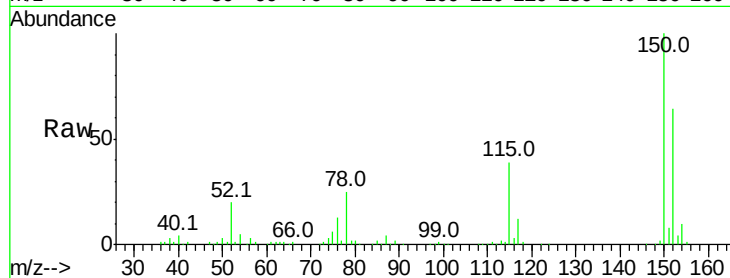


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.76 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

Instrument :
BNA_F
ClientSampleId :

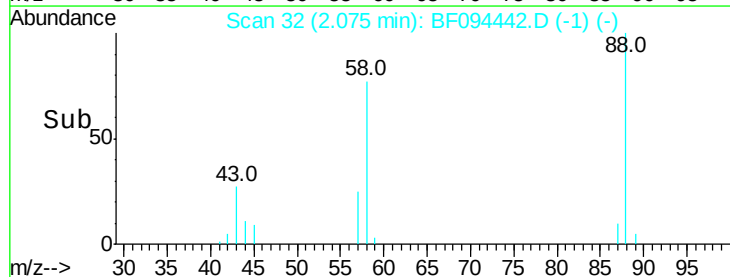
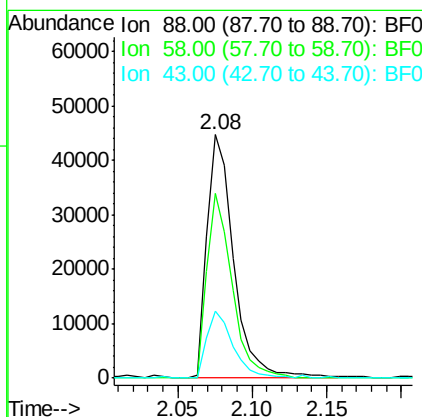
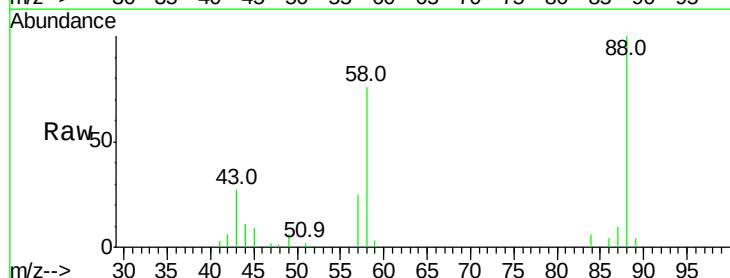
Tot Ion:152 Resp: 151337
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 61.4 52.2 78.2

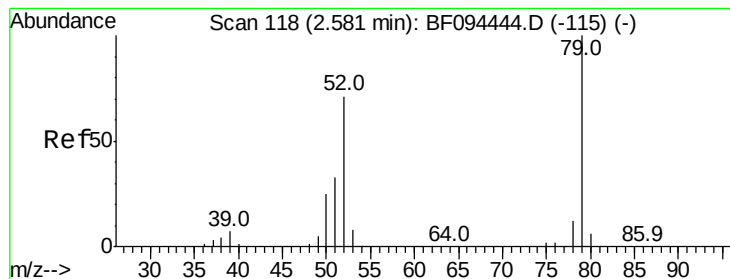


#2

1,4-Dioxane
Concen: 12.94 ng
RT: 2.08 min Scan# 32
Delta R.T. 0.01 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

Tgt Ion: 88 Resp: 55710
Ion Ratio Lower Upper
88 100
58 70.7 61.4 92.0
43 27.1 23.4 35.0





#3

Pvridine

Concen: 9.83 ng

RT: 2.59 min Scan# 120

Delta R.T. 0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

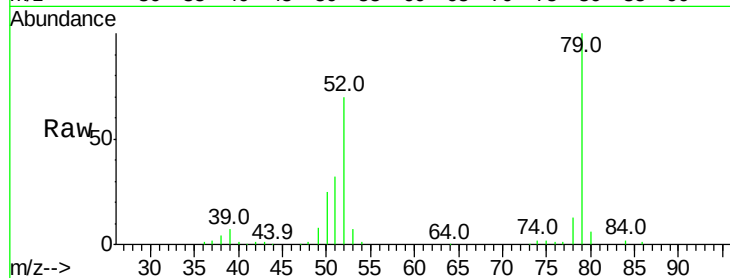
Tot Ion: 79 Resp: 115275

Ion Ratio Lower Upper

79 100

52 70.0 54.8 82.2

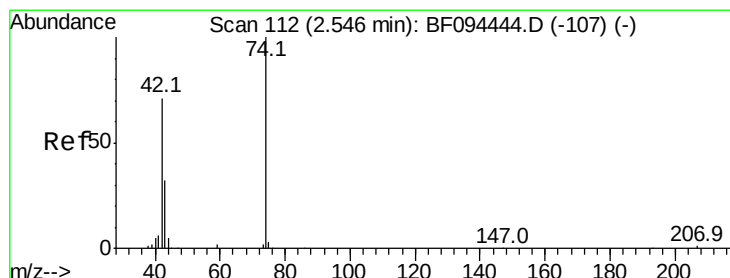
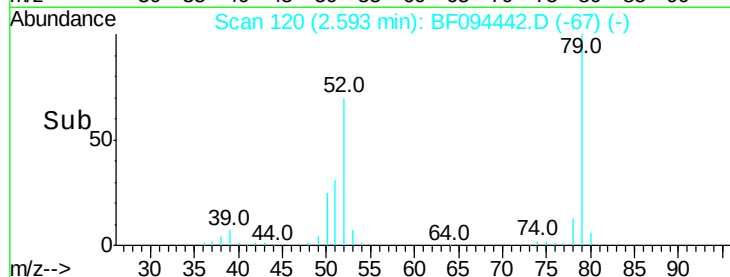
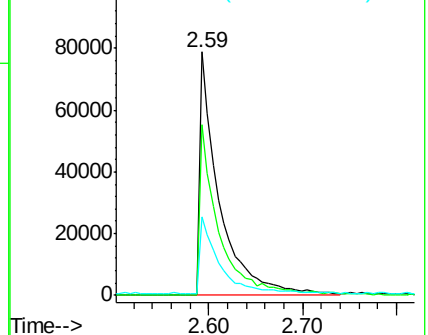
51 32.4 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 10.29 ng

RT: 2.54 min Scan# 111

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

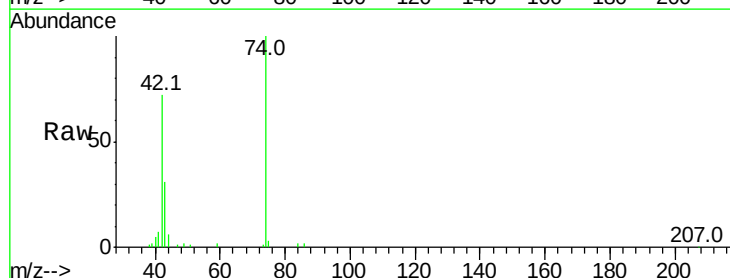
Tgt Ion: 42 Resp: 49692

Ion Ratio Lower Upper

42 100

74 138.2 103.9 155.9

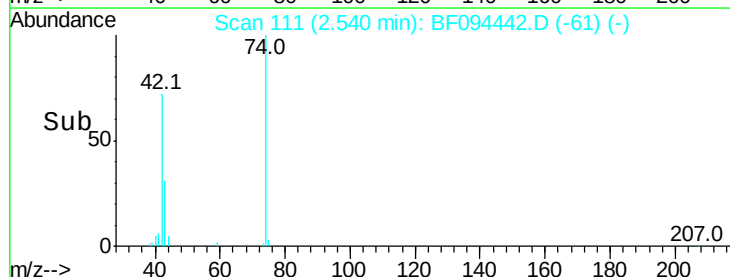
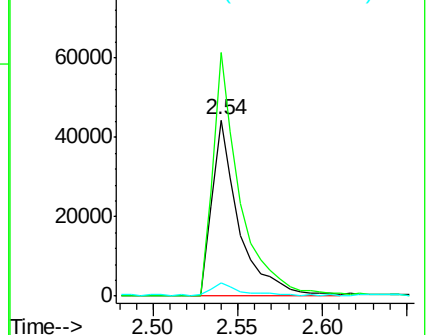
44 7.8 5.7 8.5

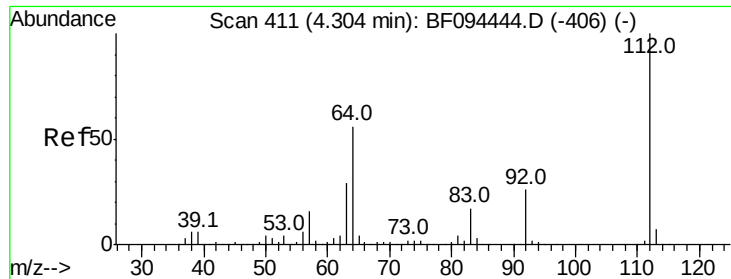


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 22.17 ng

RT: 4.30 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampled :

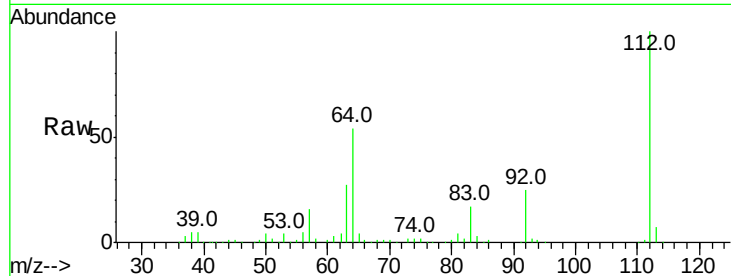
Tot Ion:112 Resp: 198640

Ion Ratio Lower Upper

112 100

64 53.9 46.0 69.0

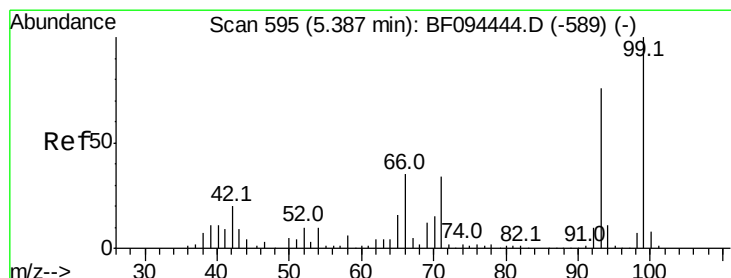
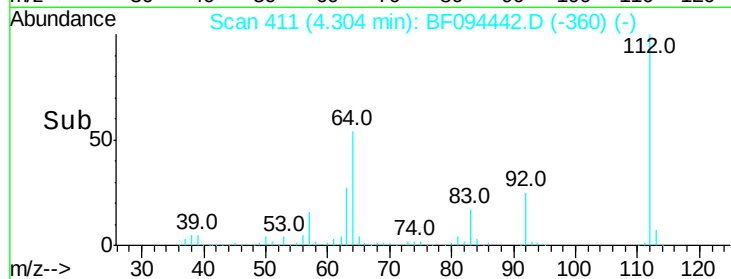
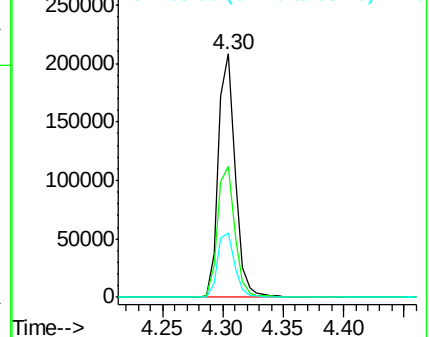
63 26.6 23.4 35.0



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: 10.17 ng

RT: 5.38 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

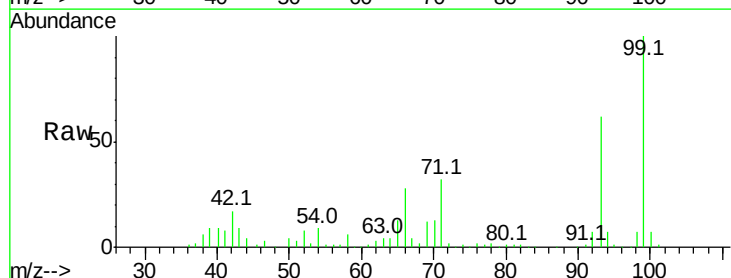
Tgt Ion: 93 Resp: 156871

Ion Ratio Lower Upper

93 100

66 45.8 32.9 49.3

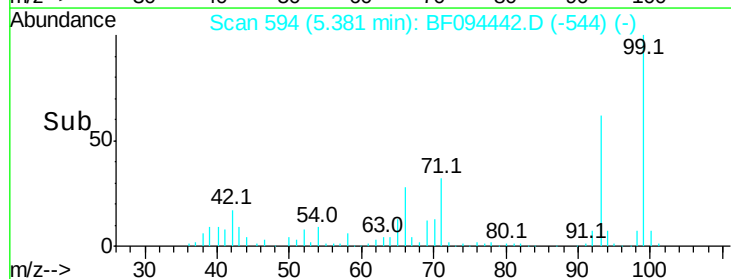
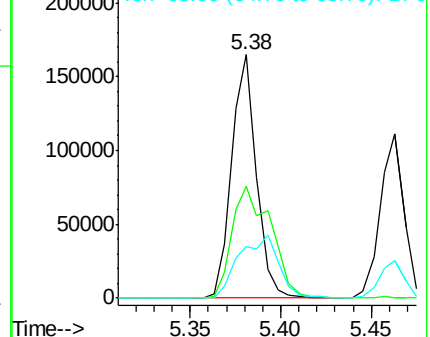
65 21.2 16.0 24.0

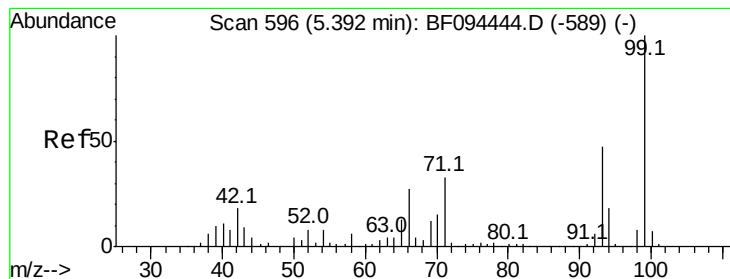


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 21.48 ng

RT: 5.38 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

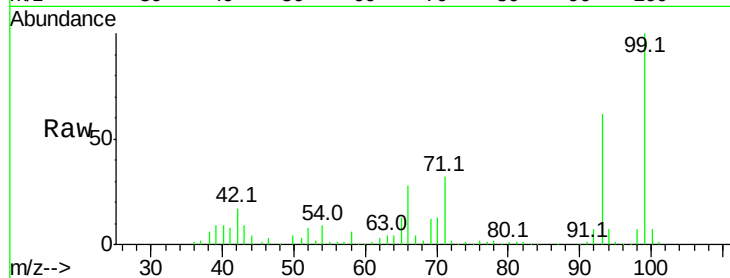
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 238149

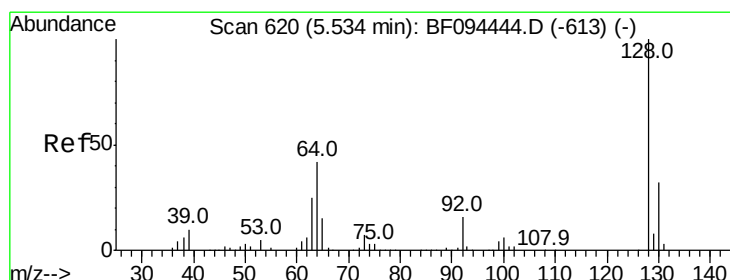
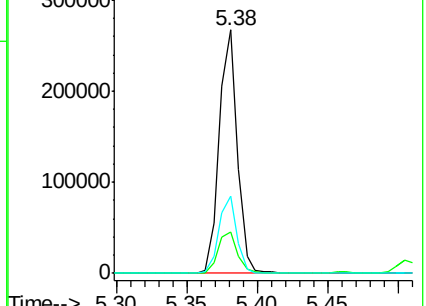
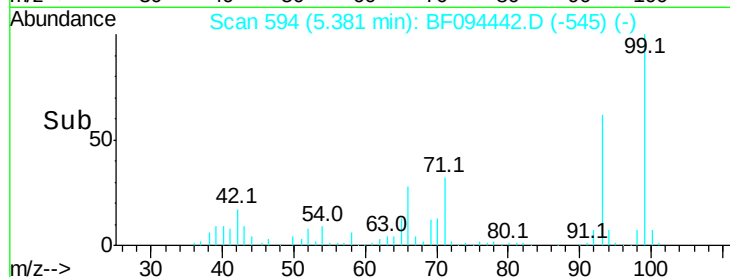
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.5	20.3
71	31.5	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 11.40 ng

RT: 5.53 min Scan# 619

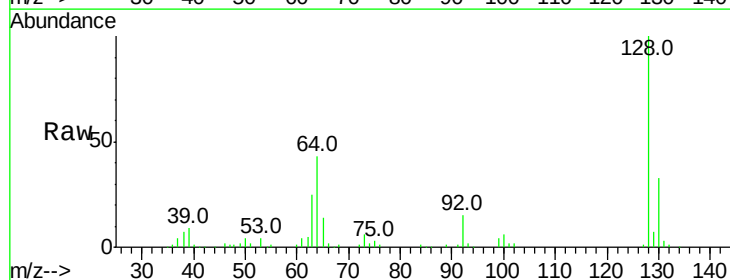
Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Tgt Ion: 128 Resp: 112261

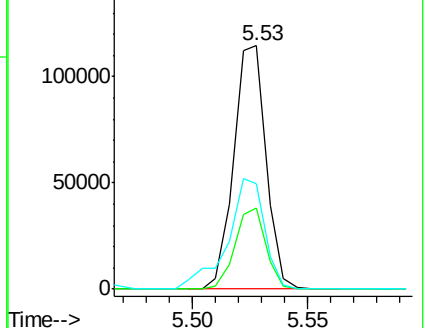
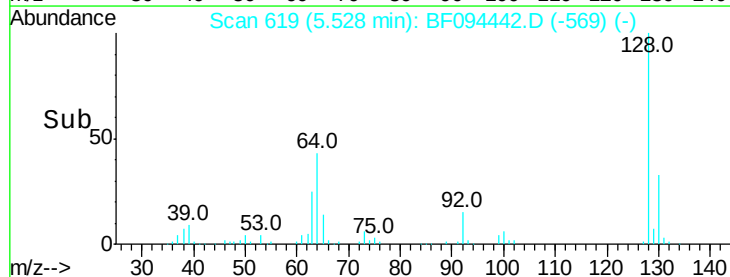
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	43.2	28.4	68.4

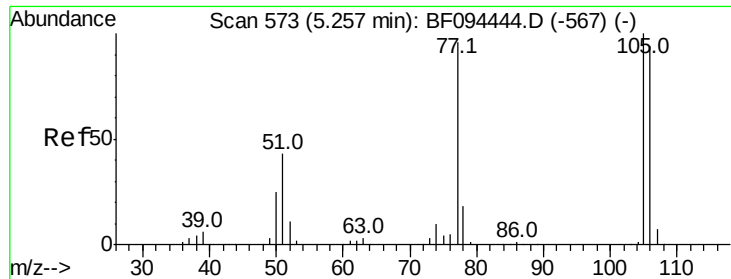


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

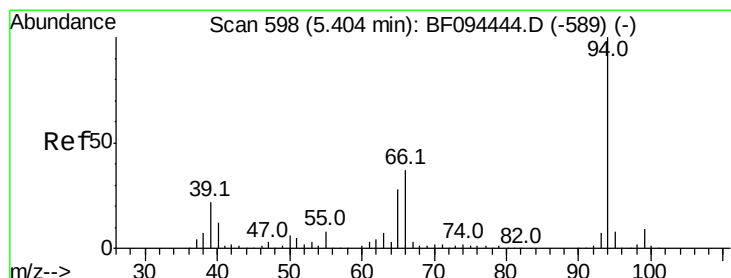
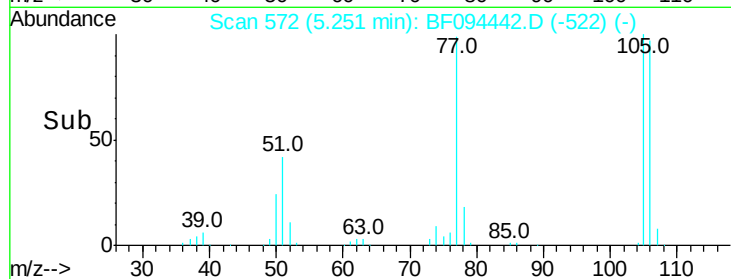
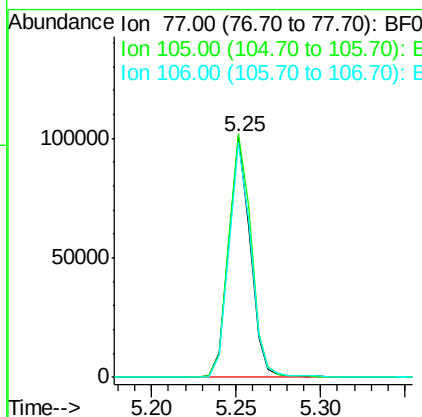
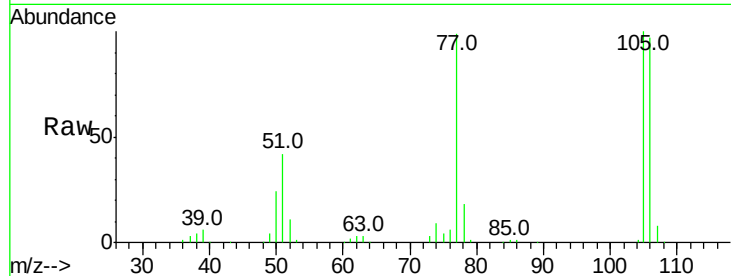




#9
Benzaldehyde
Concen: 11.86 ng
RT: 5.25 min Scan# 572
Delta R.T. -0.01 min
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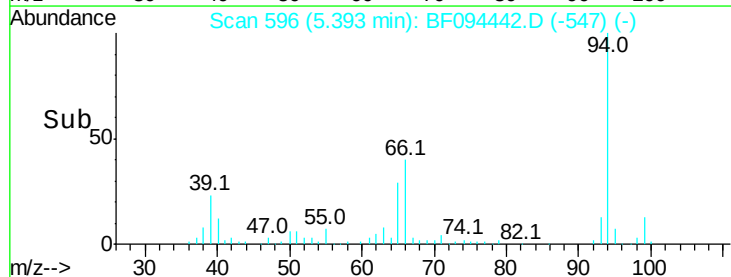
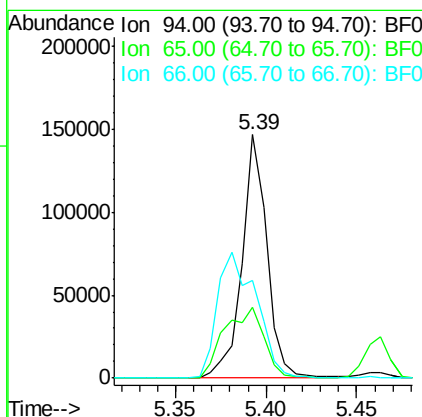
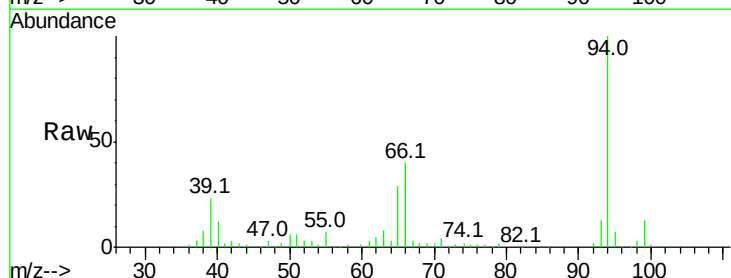
Instrument :
BNA_F
ClientSampleId :

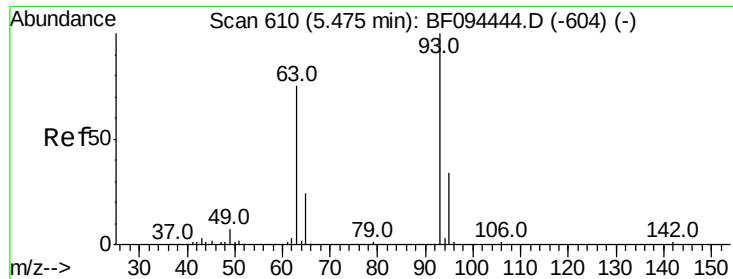
Tot Ion: 77 Resp: 88735
Ion Ratio Lower Upper
77 100
105 101.1 83.8 123.8
106 97.7 79.1 119.1



#10
Phenol
Concen: 11.11 ng
RT: 5.39 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

Tgt Ion: 94 Resp: 140168
Ion Ratio Lower Upper
94 100
65 29.2 9.9 49.9
66 40.2 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 10.24 ng

RT: 5.46 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampled :

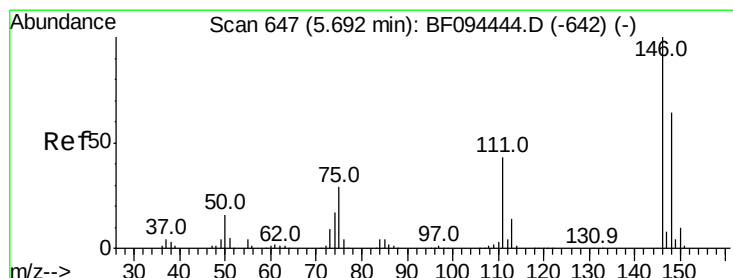
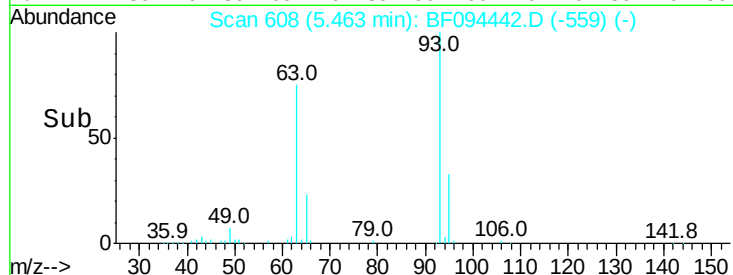
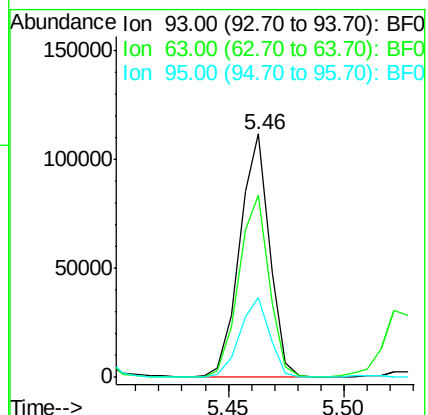
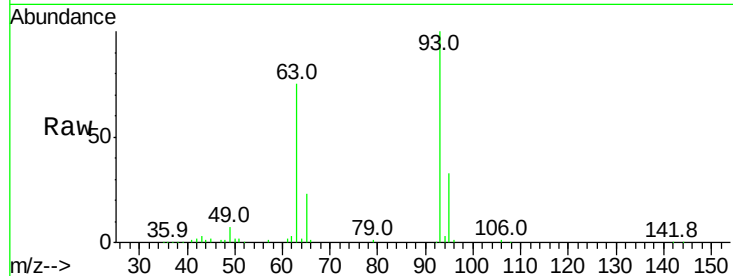
Tot Ion: 93 Resp: 100922

Ion Ratio Lower Upper

93 100

63 74.9 59.2 99.2

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 11.13 ng

RT: 5.69 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

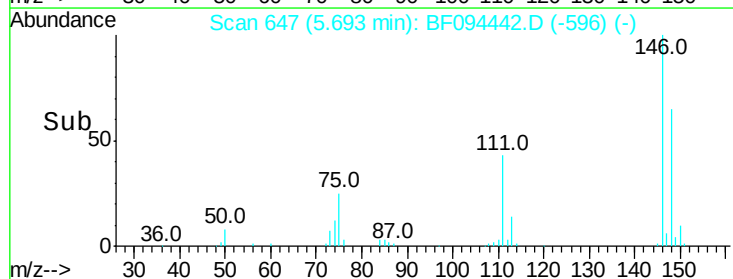
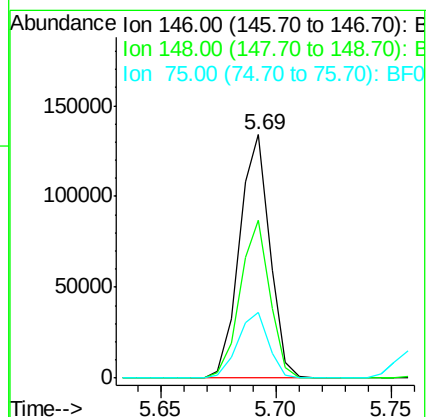
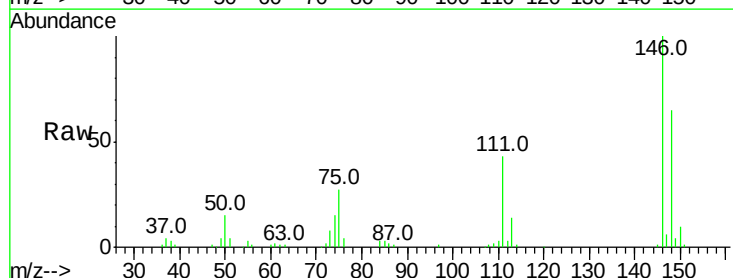
Tgt Ion: 146 Resp: 122902

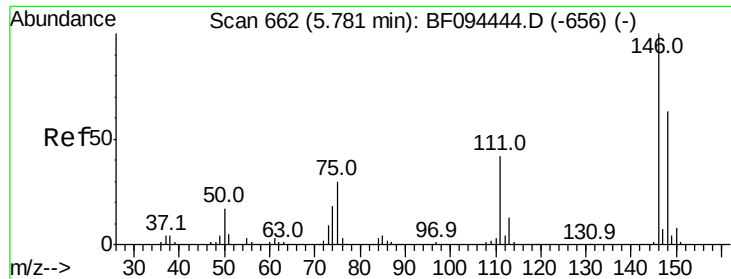
Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.6

75 26.9 23.1 34.7

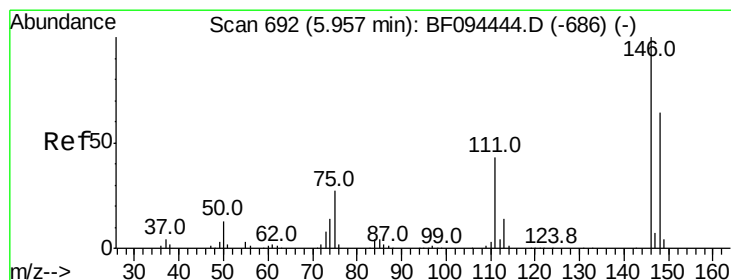
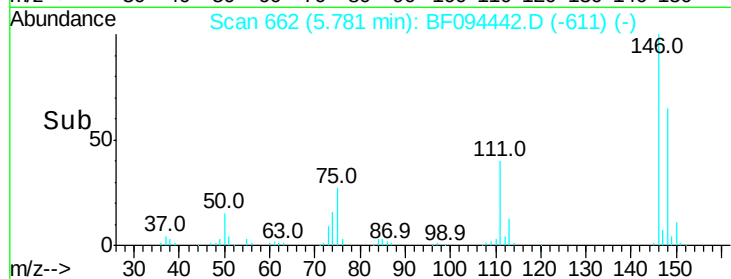
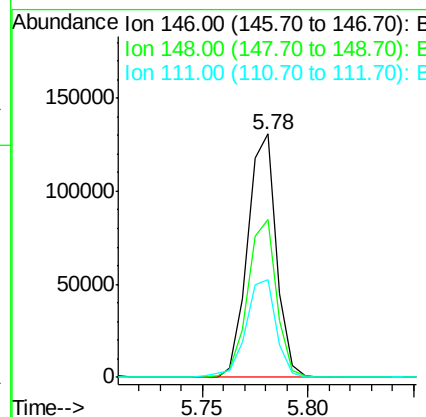
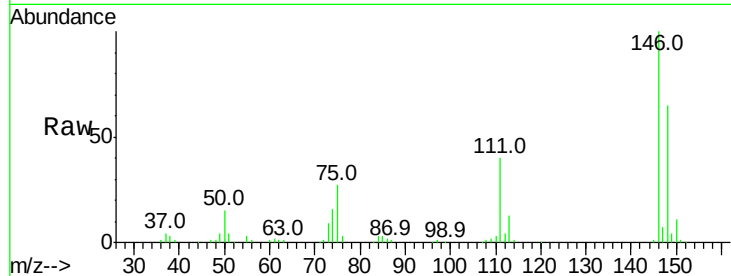




#13
 1,4-Dichlorobenzene
 Concen: 11.00 ng
 RT: 5.78 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

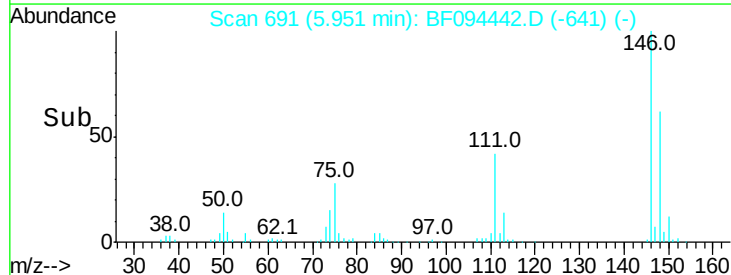
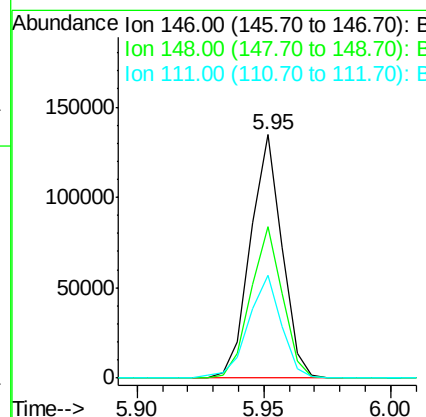
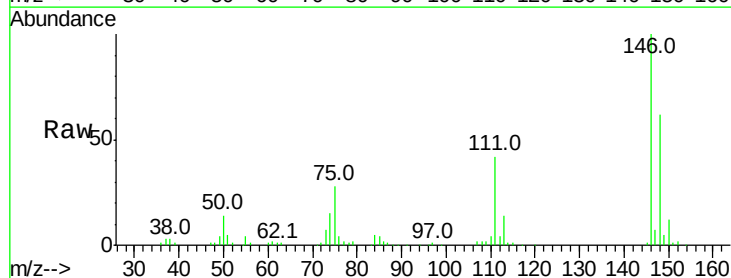
Instrument :
 BNA_F
 ClientSampleId :

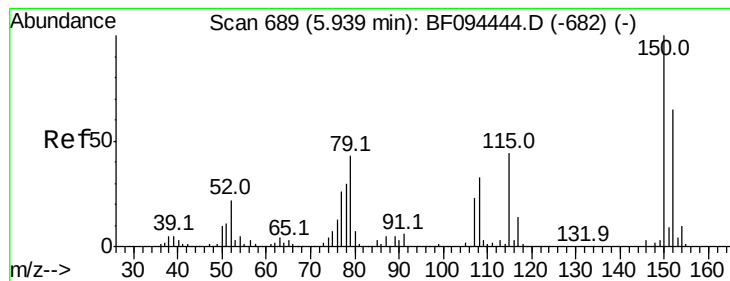
Tot Ion:146 Resp: 123087
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.2 78.2
 111 39.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 11.38 ng
 RT: 5.95 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Tgt Ion:146 Resp: 117213
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.4 75.6
 111 42.3 38.2 57.4





#15

Benzyl Alcohol

Concen: 10.71 ng

RT: 5.93 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampled :

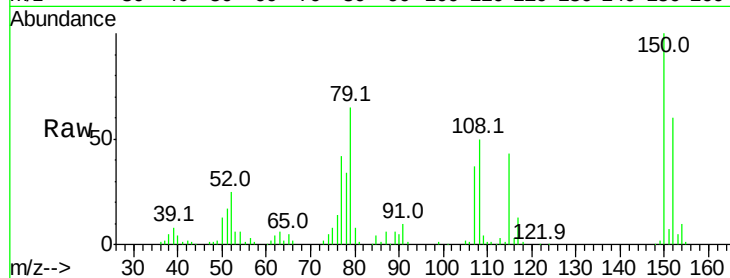
Tot Ion: 79 Resp: 86898

Ion Ratio Lower Upper

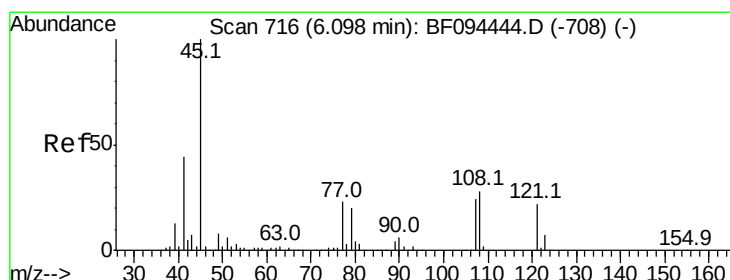
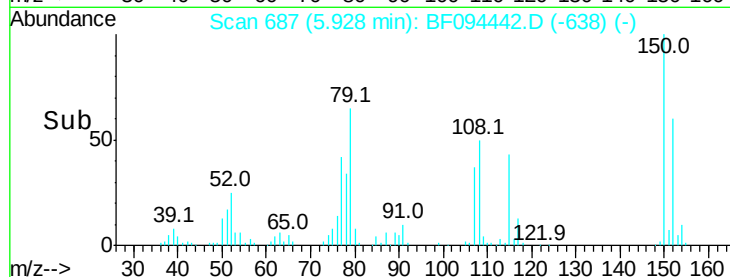
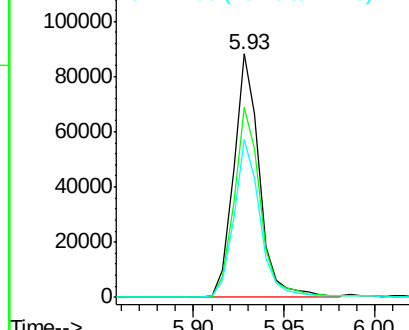
79 100

108 78.0 63.4 95.0

77 65.0 49.2 73.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.98 ng

RT: 6.09 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

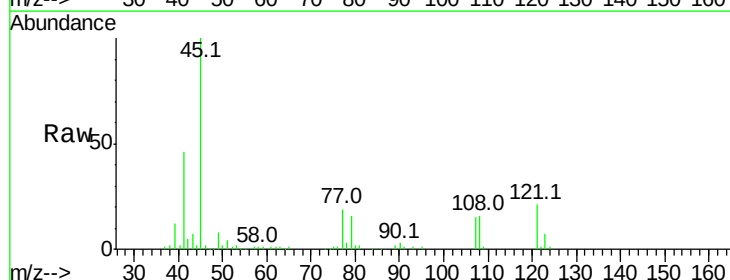
Tgt Ion: 45 Resp: 136371

Ion Ratio Lower Upper

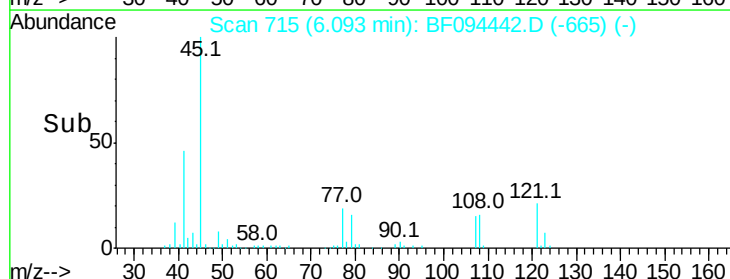
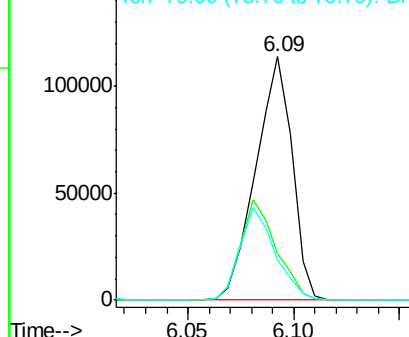
45 100

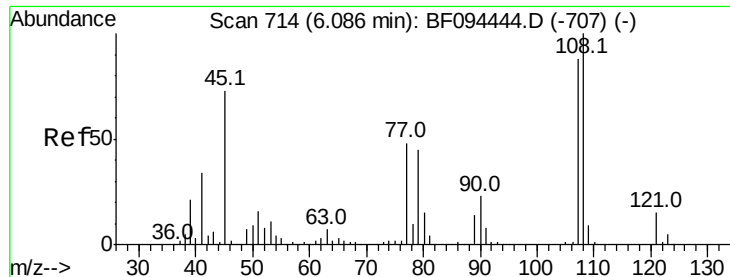
77 18.9 0.0 33.2

79 16.4 0.0 30.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 10.48 ng

RT: 6.08 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 88406

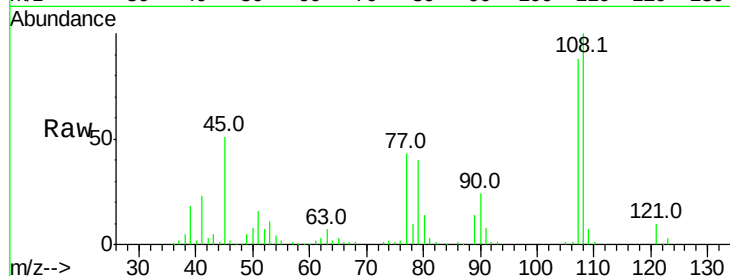
Ion Ratio Lower Upper

107 100

108 113.2 93.4 140.0

77 48.9 35.8 53.6

79 45.5 34.8 52.2

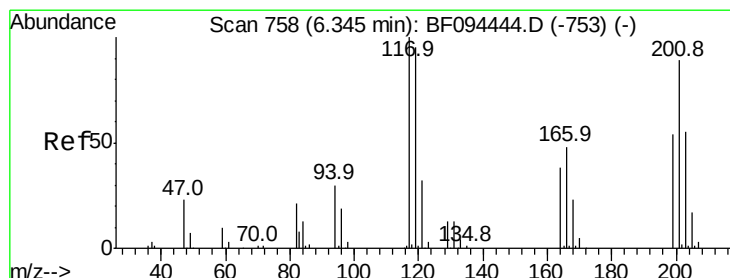
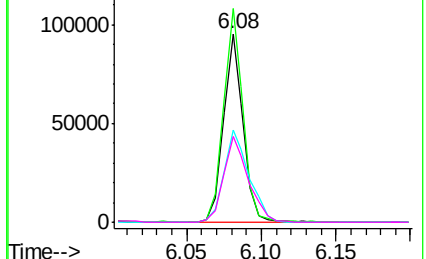
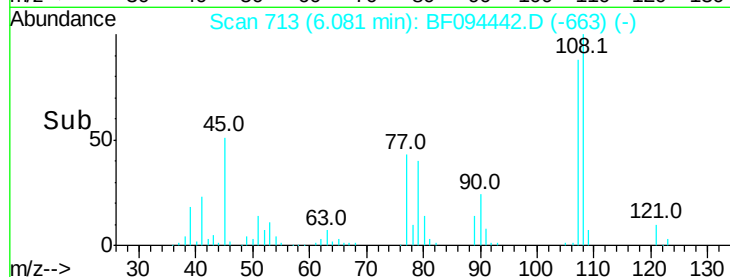


Abundance Ion 107.00 (106.70 to 107.70): E

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: 10.53 ng

RT: 6.35 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

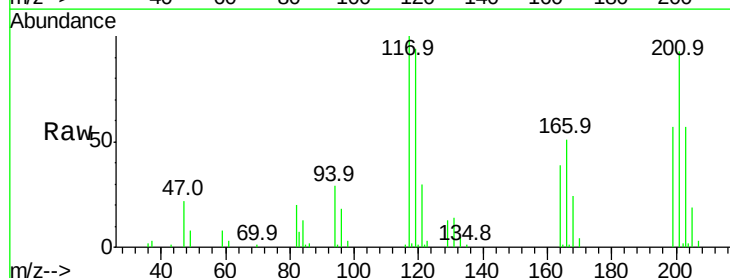
Tgt Ion:117 Resp: 41423

Ion Ratio Lower Upper

117 100

119 93.8 77.4 116.0

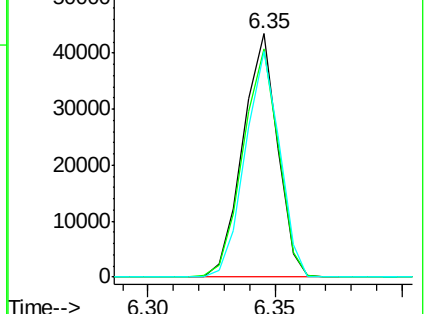
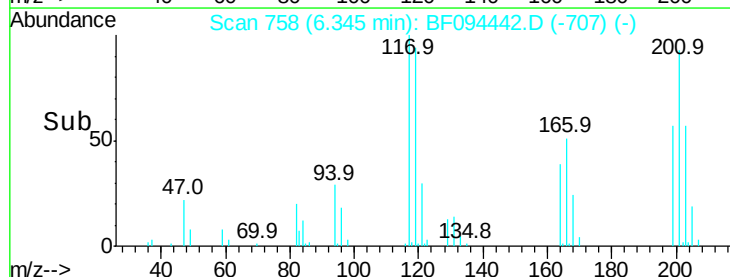
201 92.8 94.6 141.8#

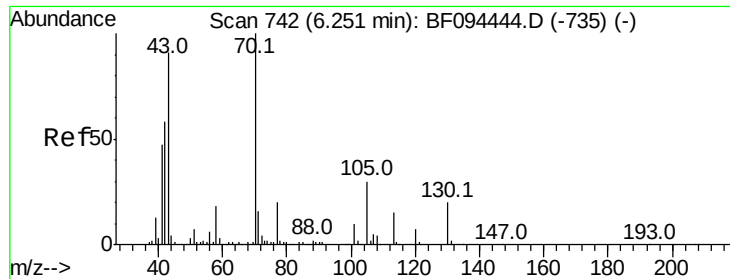


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

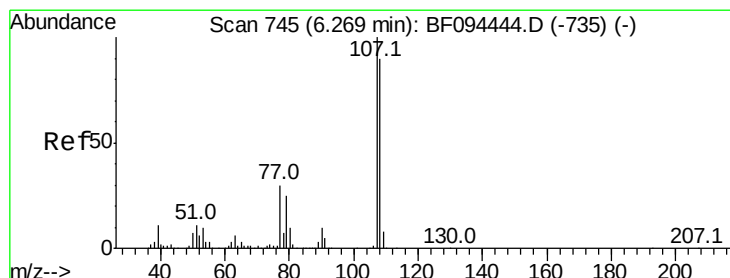
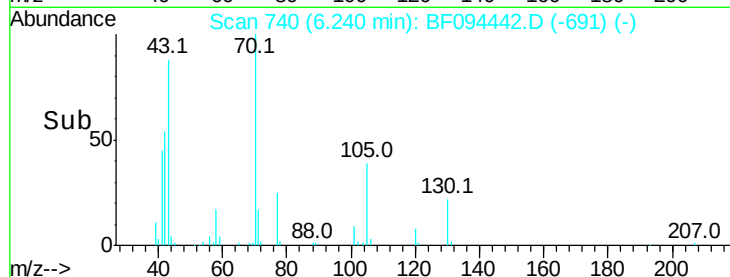
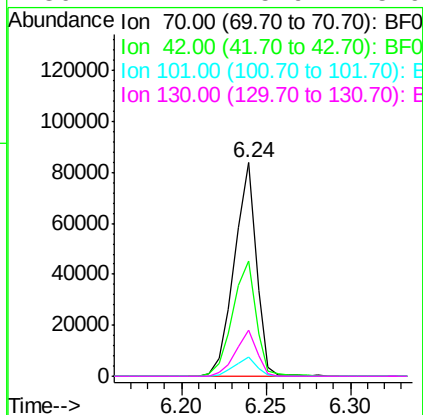
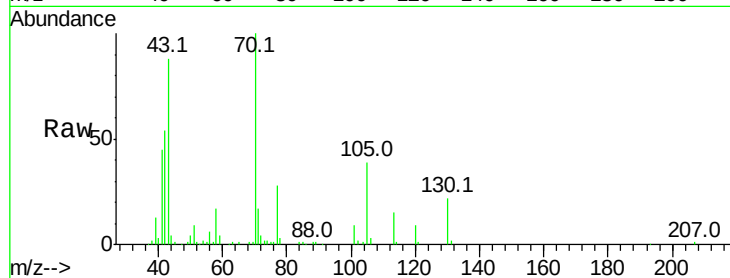




#19
n-Nitroso-di-n-propylamine
Concen: 10.68 ng
RT: 6.24 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

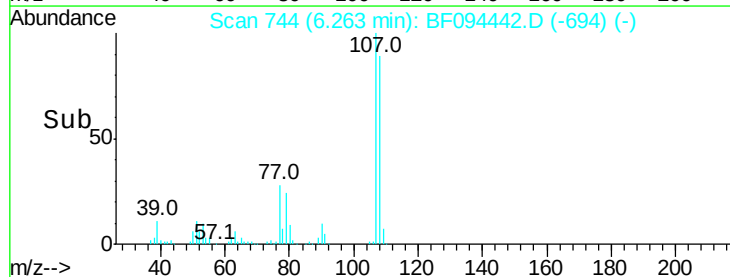
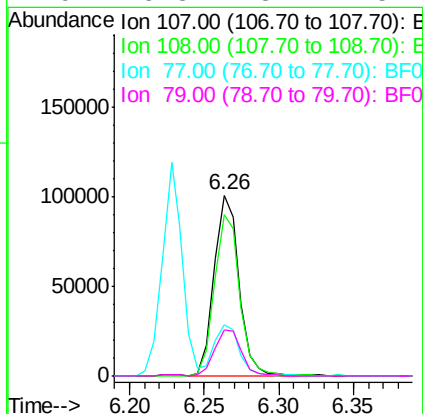
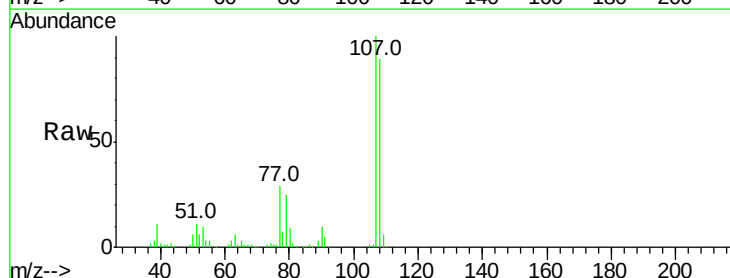
Instrument :
BNA_F
ClientSampleId :

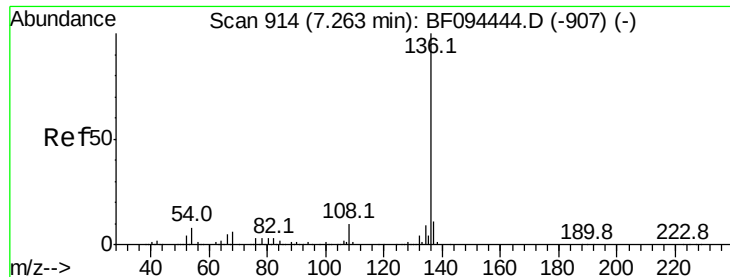
Tot Ion: 70 Resp: 76055
Ion Ratio Lower Upper
70 100
42 54.3 47.2 70.8
101 9.0 7.2 10.8
130 21.7 15.9 23.9



#20
3+4-Methylphenols
Concen: 11.58 ng
RT: 6.26 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

Tgt Ion:107 Resp: 118299
Ion Ratio Lower Upper
107 100
108 89.4 71.0 111.0
77 28.6 90.5 130.5#
79 25.3 8.4 48.4

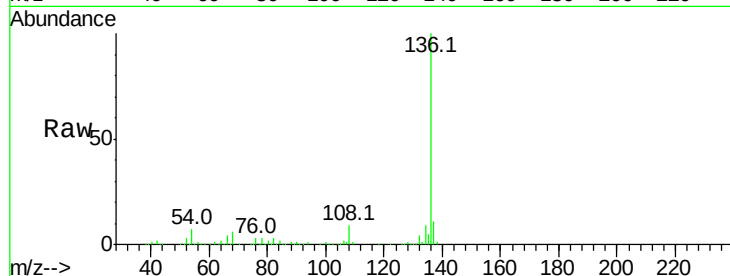




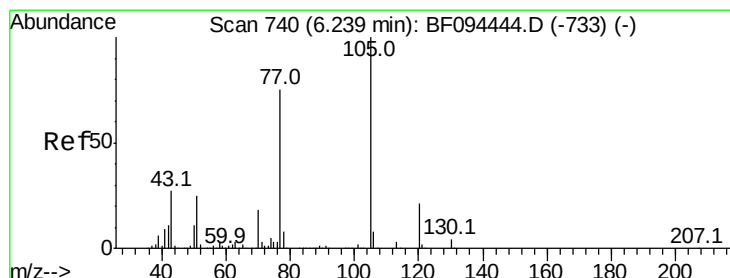
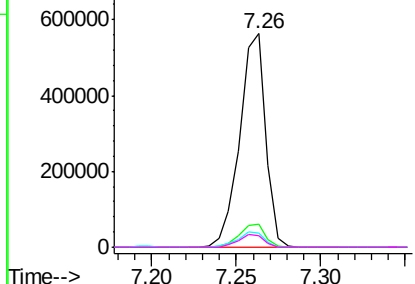
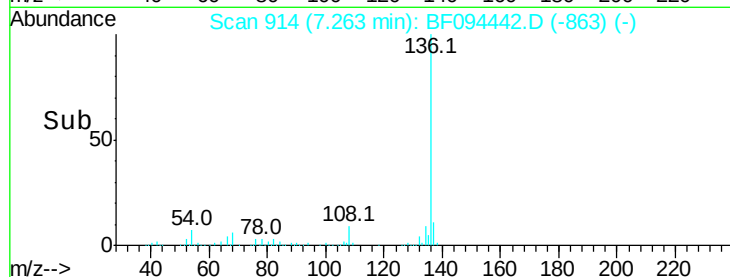
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	601637
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.5 12.7
54	6.6	4.9 7.3
68	5.6	4.1 6.1

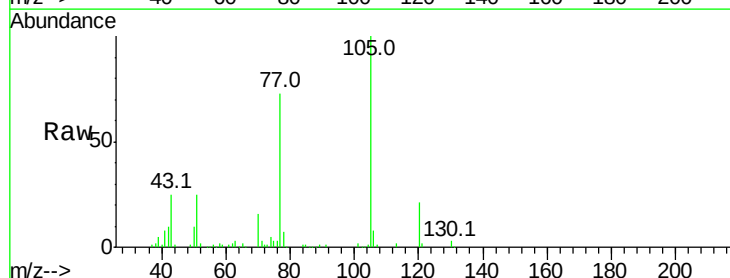


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

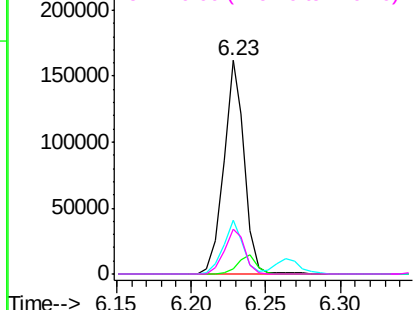
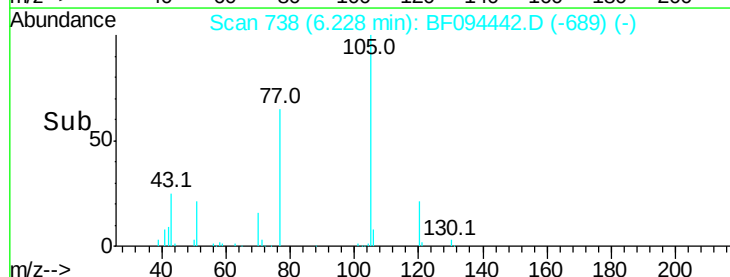


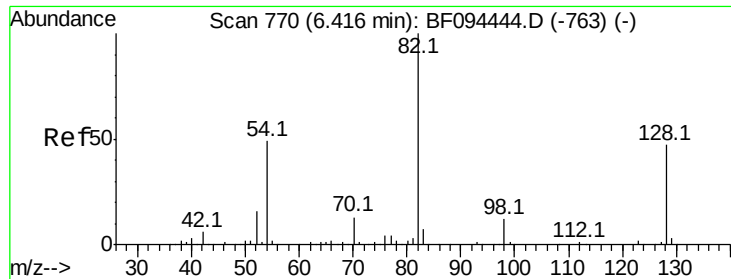
#22
Acetophenone
Concen: 11.64 ng
RT: 6.23 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

Tgt Ion:105	Resp:	156101
Ion Ratio	Lower	Upper
105	100	
71	2.6	2.8 4.2#
51	25.2	30.7 46.1#
120	21.1	17.4 26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

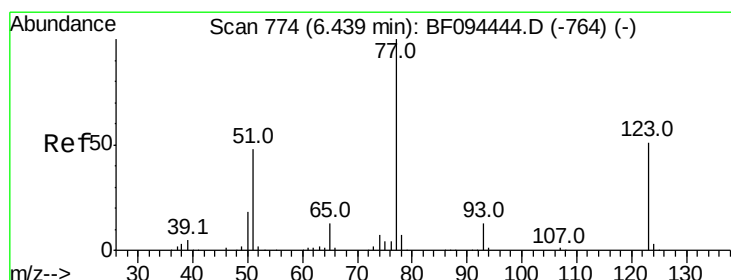
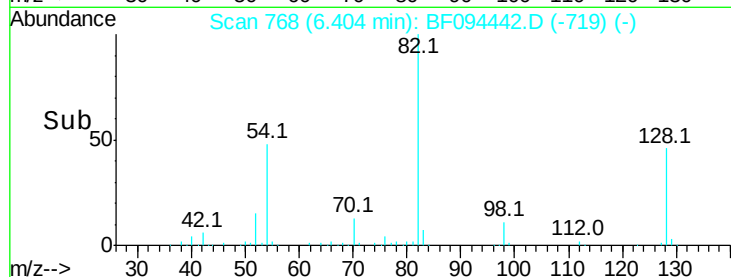
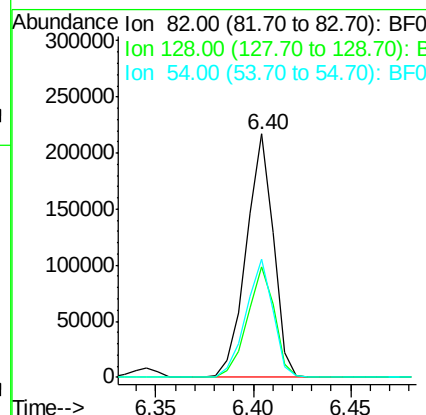
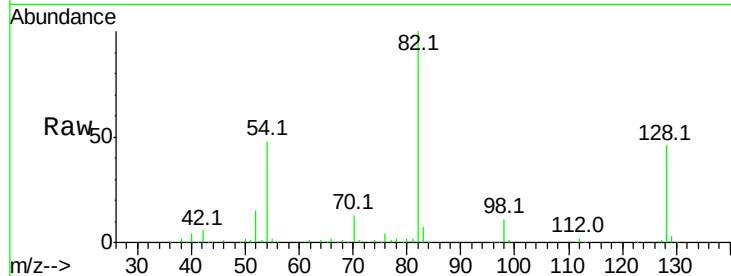




#23
 Nitrobenzene-d5
 Concen: 19.79 ng
 RT: 6.40 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

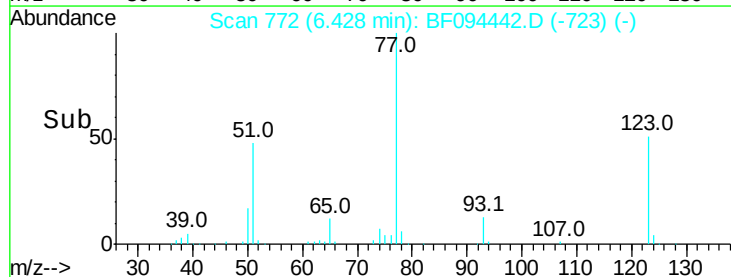
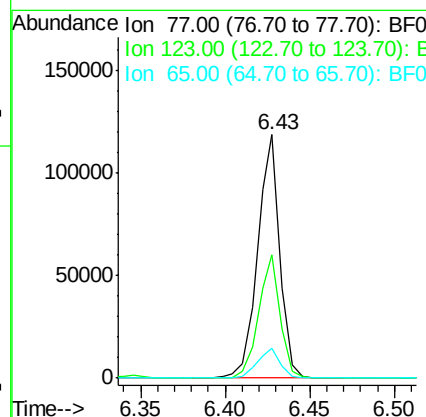
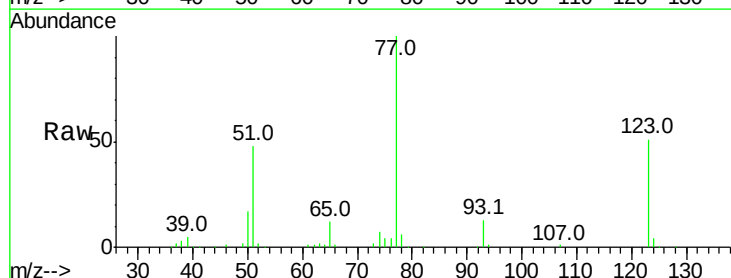
Instrument :
 BNA_F
 ClientSampled :

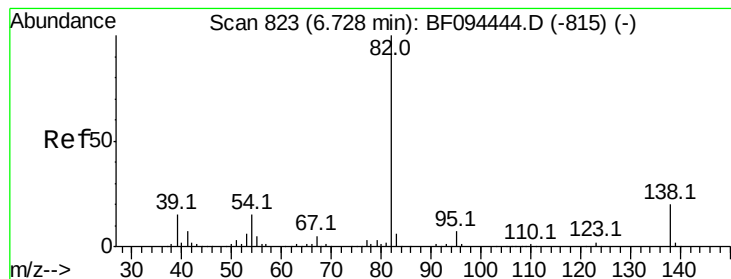
Tot Ion	82	Resp	208583
Ion Ratio	100	Lower	Upper
128	45.5	34.0	51.0
54	48.4	42.2	63.2



#24
 Nitrobenzene
 Concen: 10.44 ng
 RT: 6.43 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Tgt Ion	77	Resp	108576
Ion Ratio	100	Lower	Upper
123	50.7	35.8	53.8
65	12.4	10.6	15.8





#25

Isophorone

Concen: 10.35 ng

RT: 6.72 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

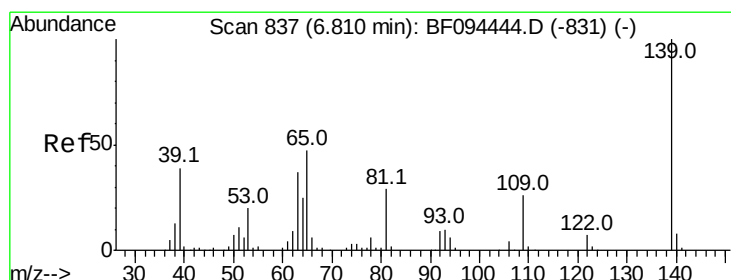
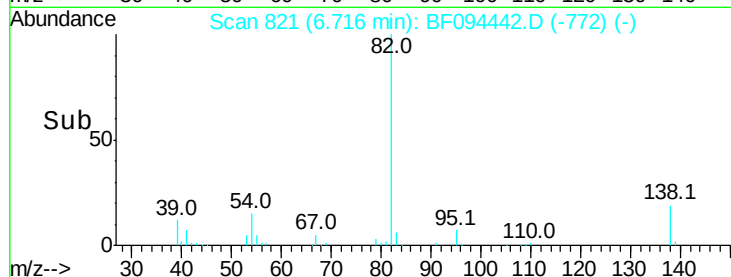
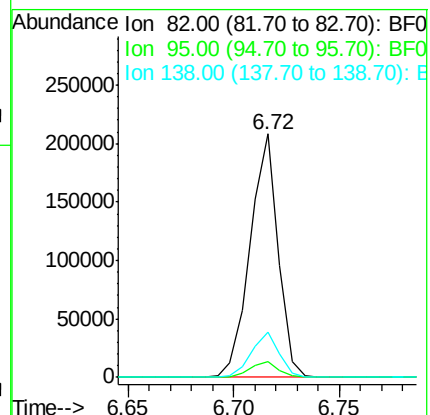
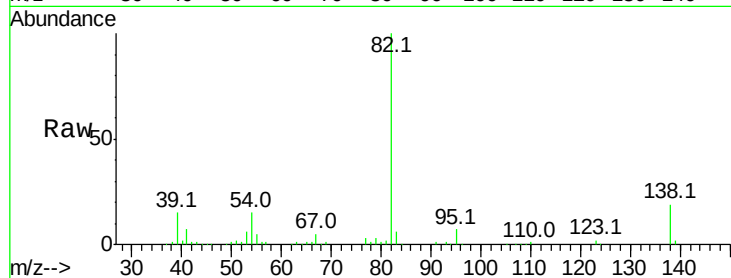
Tot Ion: 82 Resp: 191790

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 18.7 13.1 19.7



#26

2-Nitrophenol

Concen: 11.34 ng

RT: 6.80 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

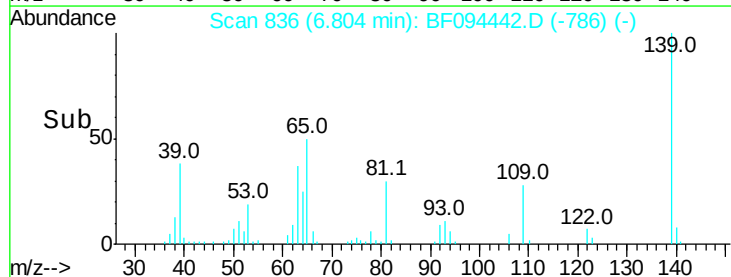
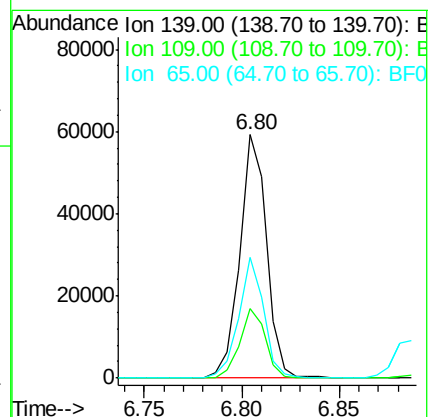
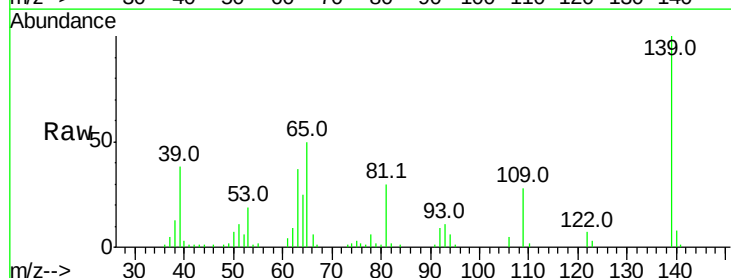
Tgt Ion: 139 Resp: 56246

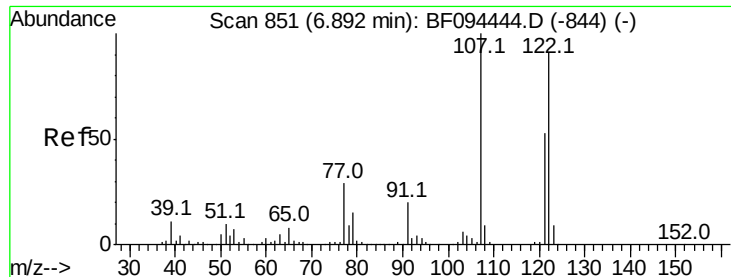
Ion Ratio Lower Upper

139 100

109 28.4 21.0 31.6

65 49.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 11.21 ng

RT: 6.89 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampled :

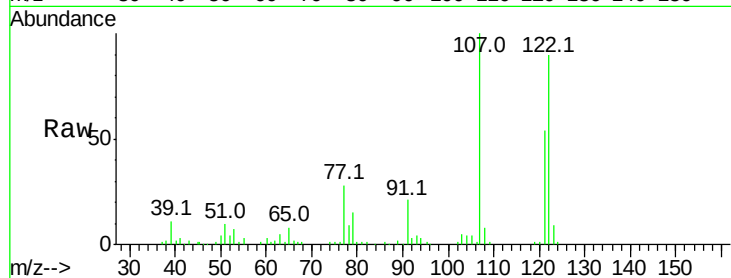
Tot Ion:122 Resp: 95818

Ion Ratio Lower Upper

122 100

107 110.5 89.2 133.8

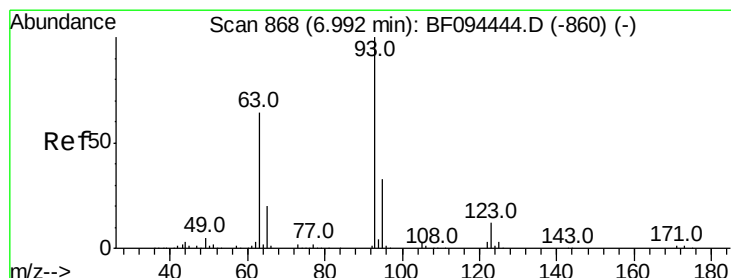
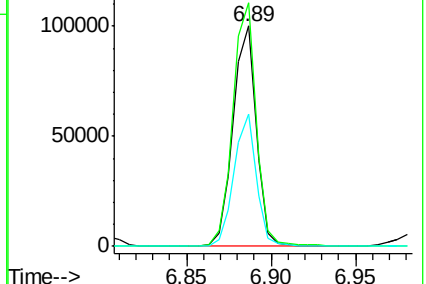
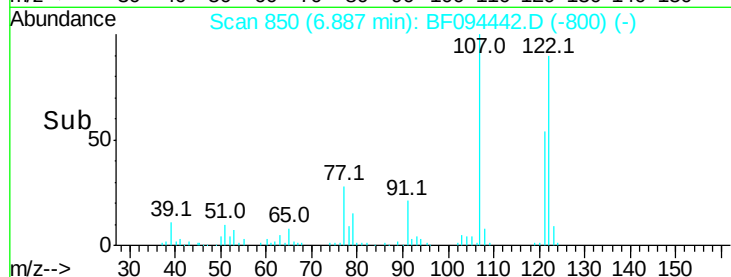
121 59.9 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 10.30 ng

RT: 6.98 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

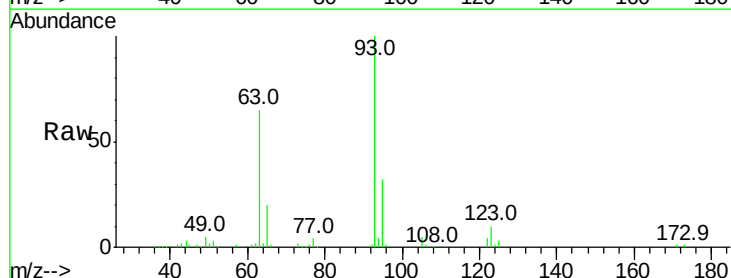
Tgt Ion: 93 Resp: 125863

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

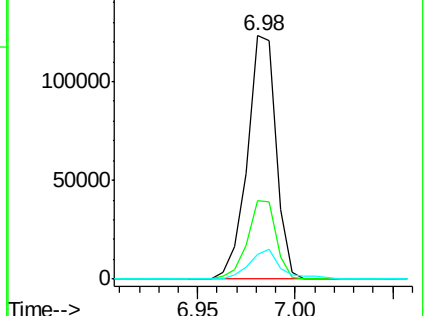
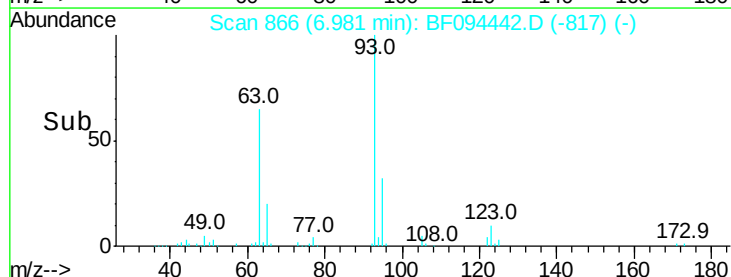
123 10.4 9.0 13.4

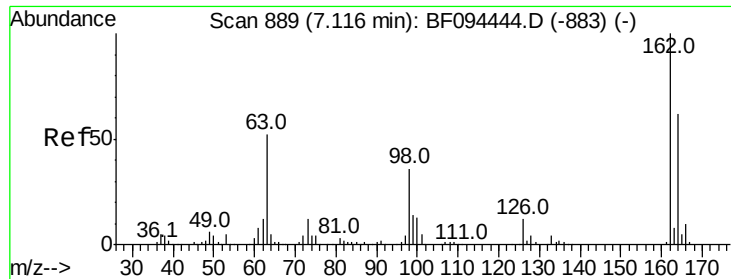


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

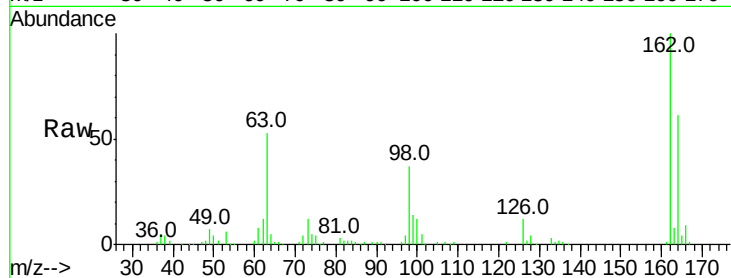




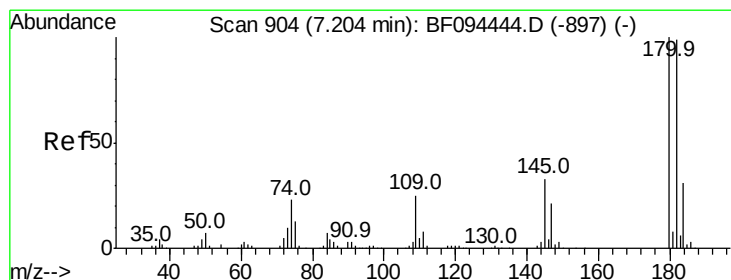
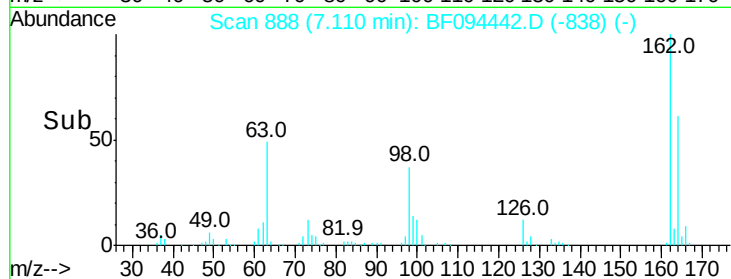
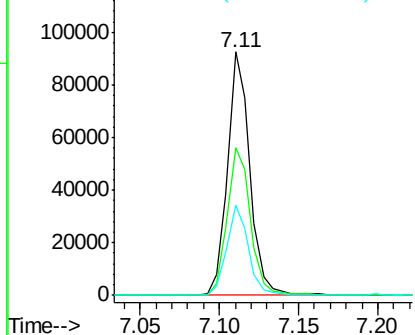
#29
 2,4-Dichlorophenol
 Concen: 11.33 ng
 RT: 7.11 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.7	44.6	84.6
98	36.9	14.8	54.8

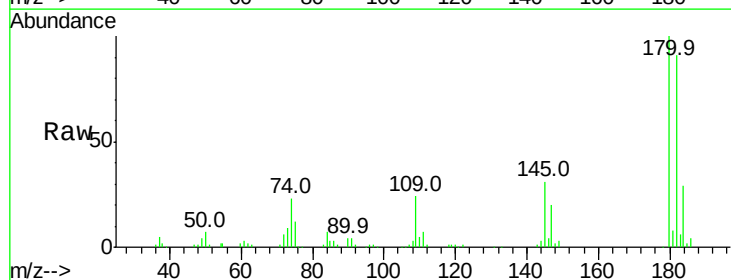


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

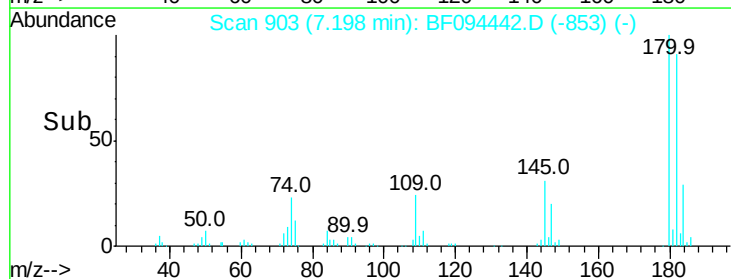
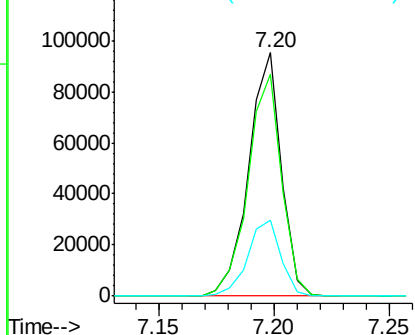


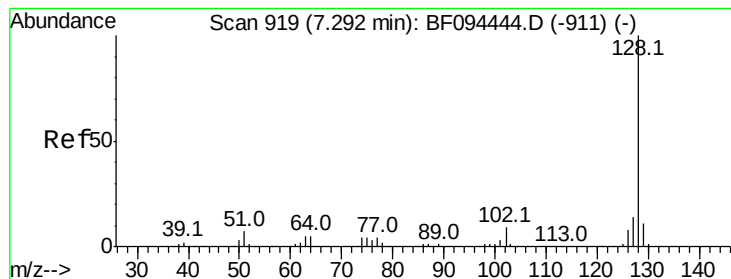
#30
 1,2,4-Trichlorobenzene
 Concen: 11.40 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	75.8	113.6
145	31.0	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: 10.97 ng

RT: 7.29 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

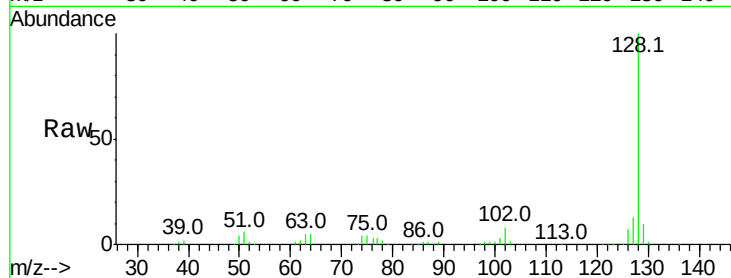
Tot Ion:128 Resp: 317469

Ion Ratio Lower Upper

128 100

129 10.4 9.0 13.6

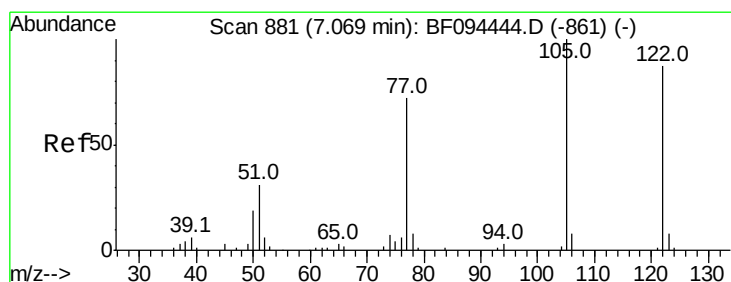
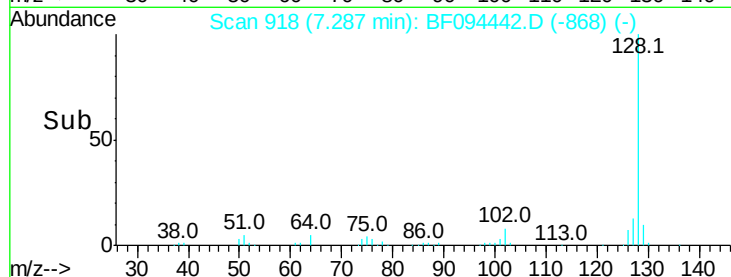
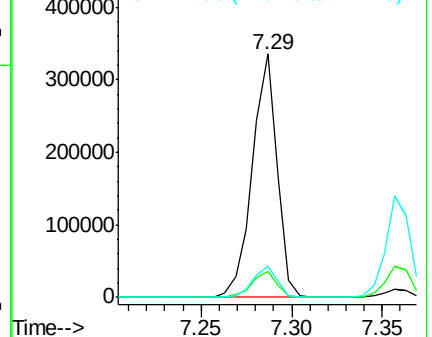
127 12.8 10.8 16.2



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: 7.54 ng

RT: 7.01 min Scan# 871

Delta R.T. -0.06 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

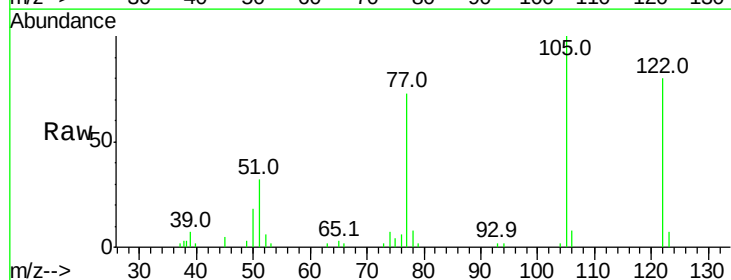
Tgt Ion:122 Resp: 42861

Ion Ratio Lower Upper

122 100

105 125.6 103.3 143.3

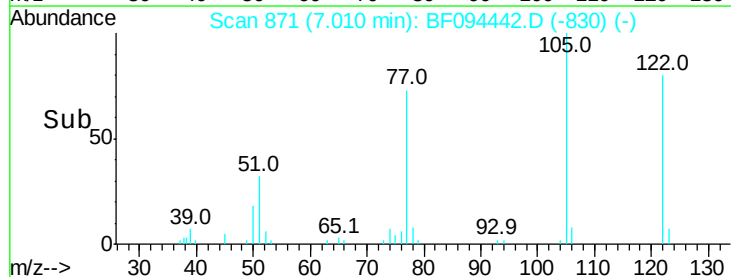
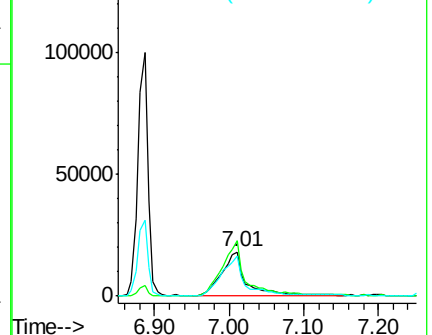
77 91.4 73.7 113.7

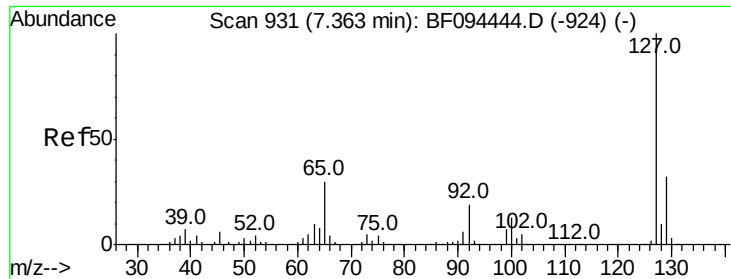


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

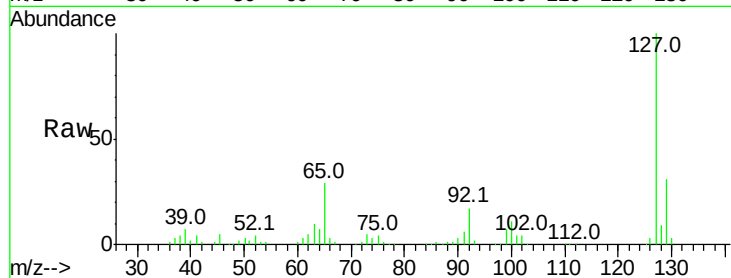




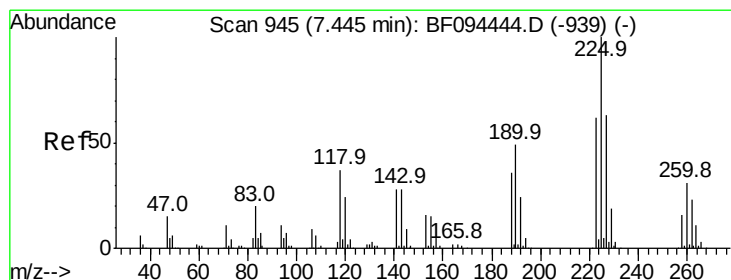
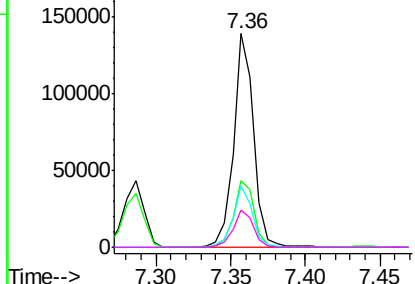
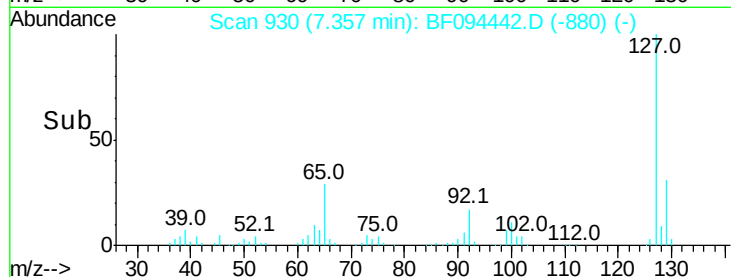
#33
4-Chloroaniline
Concen: 11.15 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	130738
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.2	39.2
65	28.8	27.8	41.8
92	17.5	16.8	25.2

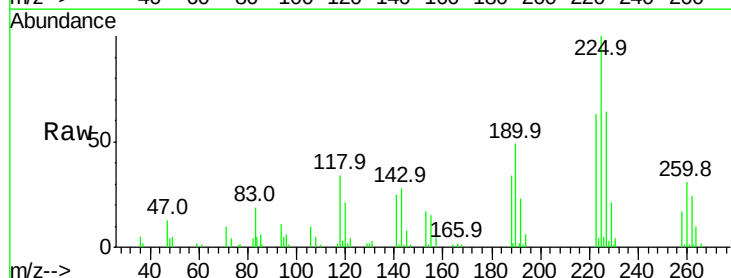


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

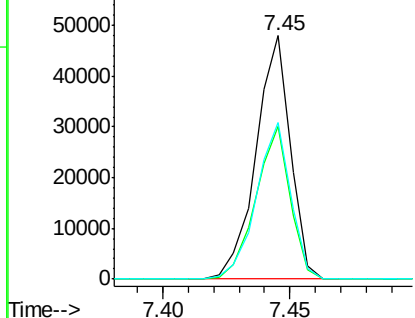
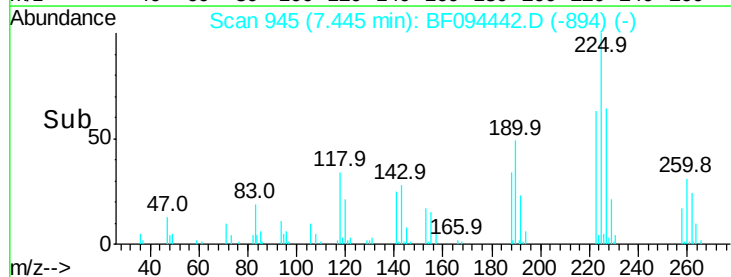


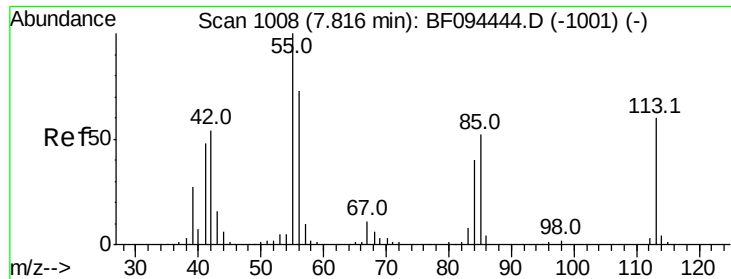
#34
Hexachlorobutadiene
Concen: 10.79 ng
RT: 7.45 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

Tgt Ion:	225	Resp:	45522
Ion	Ratio	Lower	Upper
225	100		
223	62.7	48.8	73.2
227	64.3	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

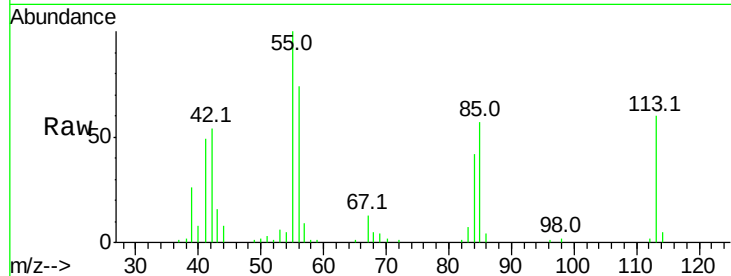




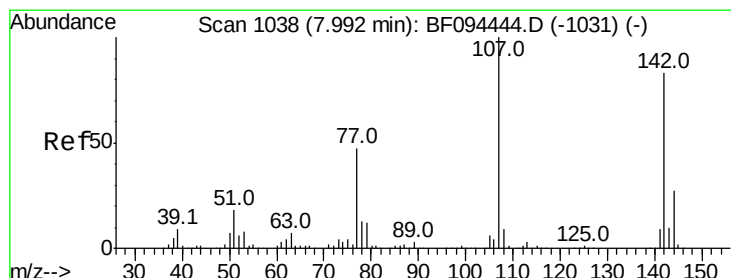
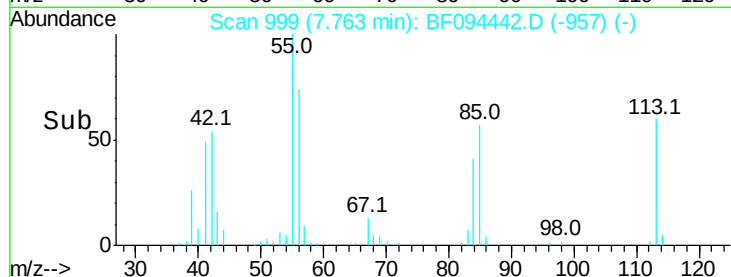
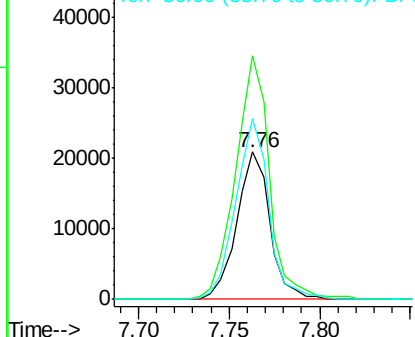
#35
 Caprolactam
 Concen: 10.43 ng
 RT: 7.76 min Scan# 999
 Delta R.T. -0.05 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 26570
 Ion Ratio Lower Upper
 113 100
 55 165.6 150.2 190.2
 56 122.9 107.8 147.8

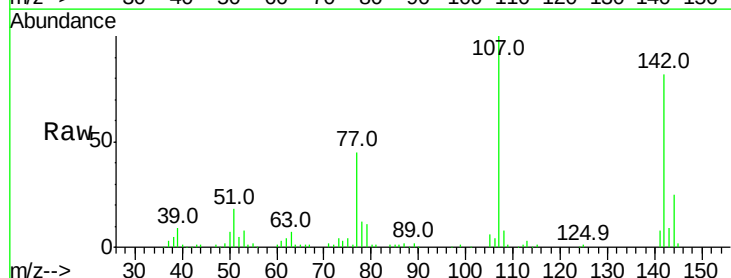


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

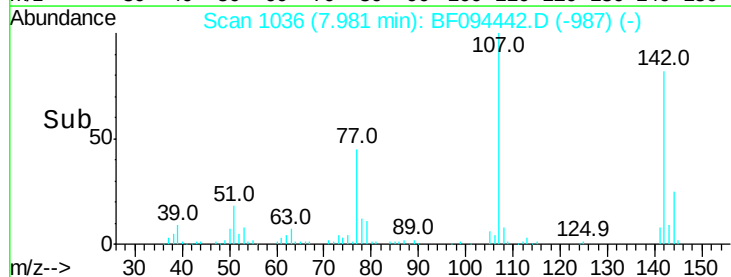
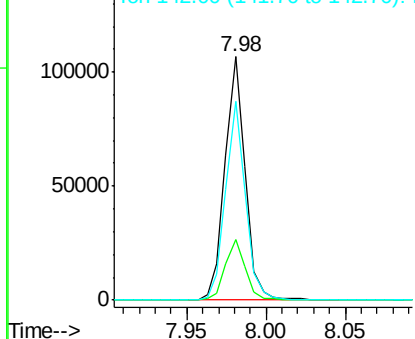


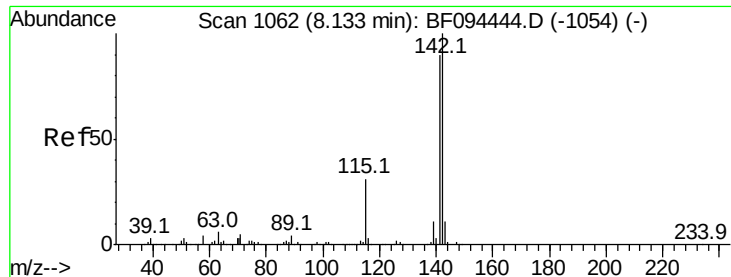
#36
 4-Chloro-3-methylphenol
 Concen: 11.33 ng
 RT: 7.98 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Tgt Ion:107 Resp: 94559
 Ion Ratio Lower Upper
 107 100
 144 24.9 24.2 36.4
 142 81.5 73.4 110.0



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





#37

2-Methylnaphthalene

Concen: 11.31 ng

RT: 8.13 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

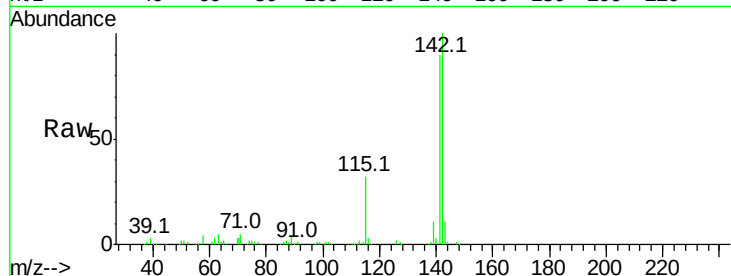
Tot Ion:142 Resp: 218069

Ion Ratio Lower Upper

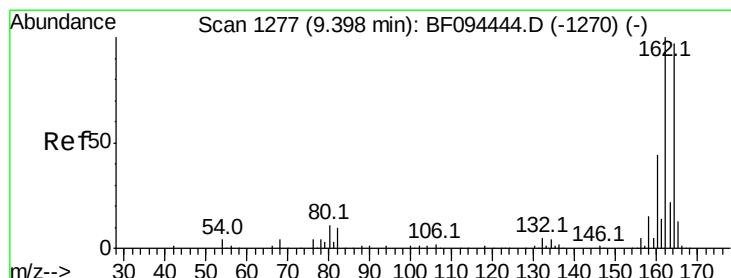
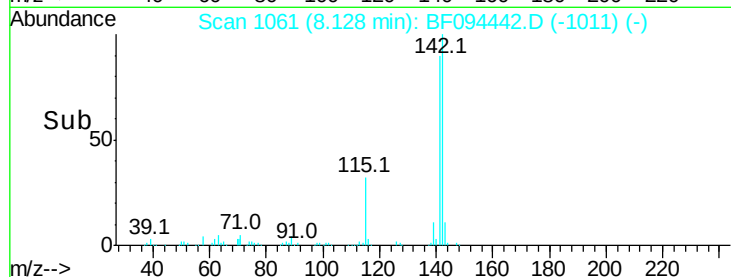
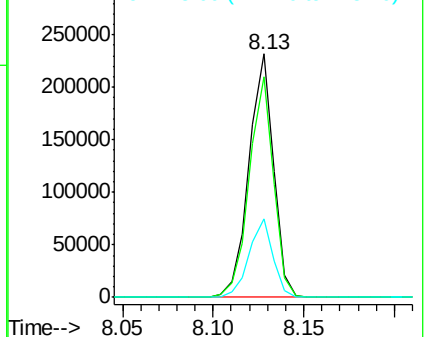
142 100

141 90.4 71.3 106.9

115 32.5 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# 1277

Delta R.T. 0.00 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

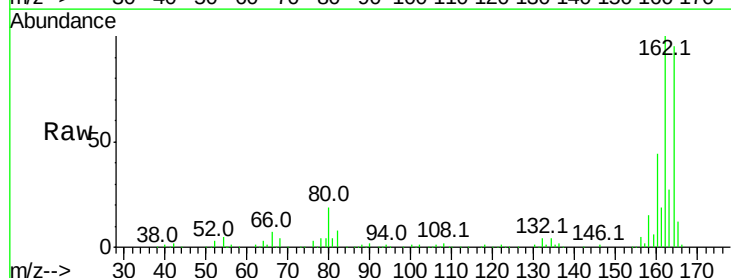
Tgt Ion:164 Resp: 274462

Ion Ratio Lower Upper

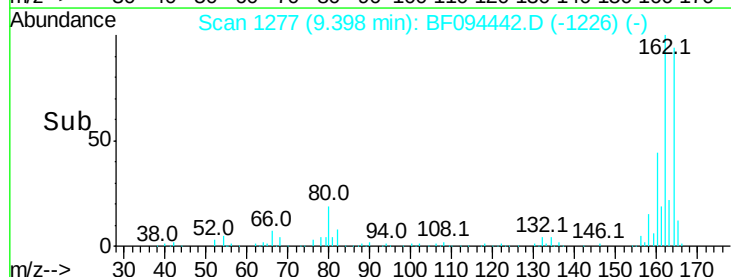
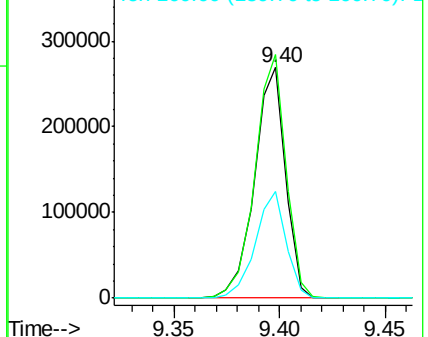
164 100

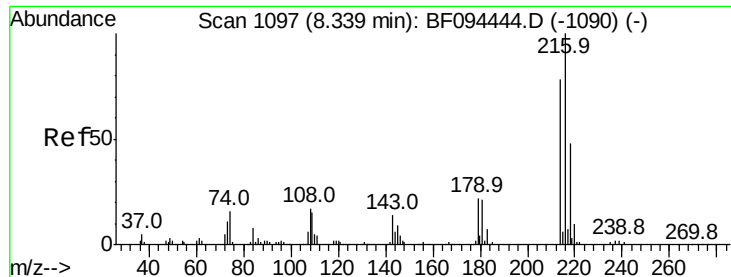
162 105.5 82.6 123.8

160 46.1 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

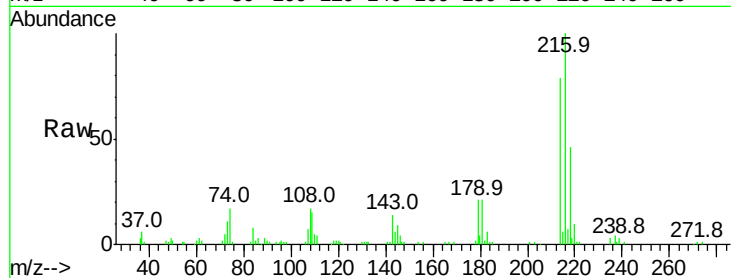




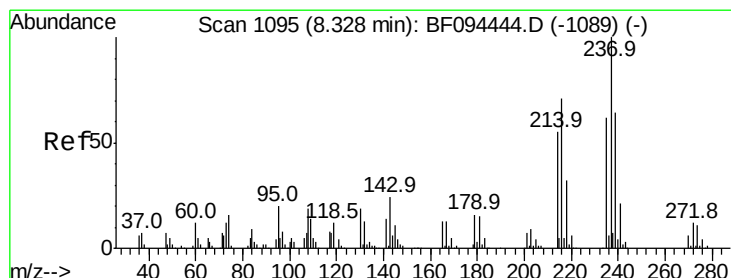
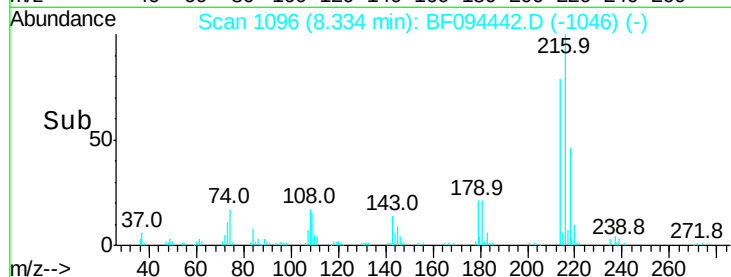
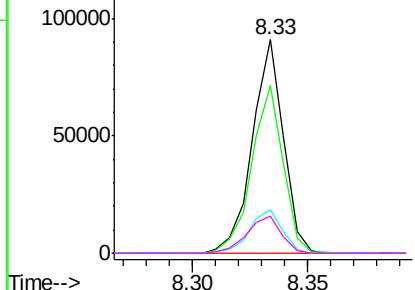
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 11.41 ng
 RT: 8.33 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	85700
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.2
179	21.4	17.9	26.9
108	19.4	16.5	24.7

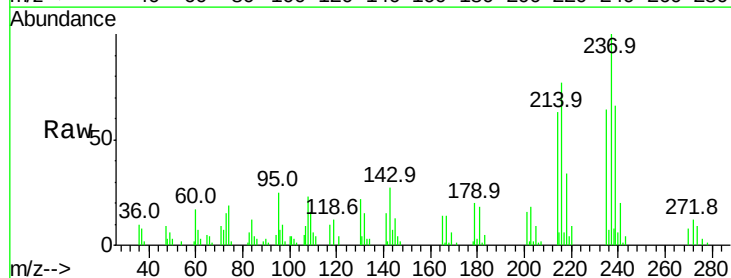


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

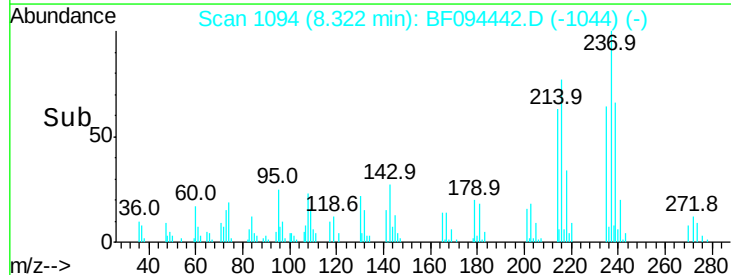
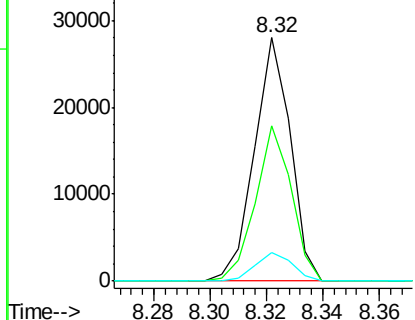


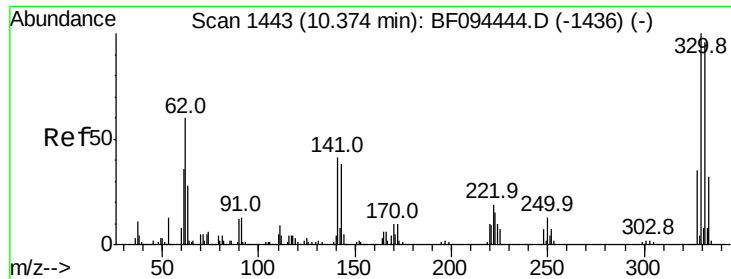
#40
 Hexachlorocyclopentadiene
 Concen: 7.05 ng
 RT: 8.32 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Tgt Ion:	237	Resp:	24777
Ion	Ratio	Lower	Upper
237	100		
235	63.9	42.6	82.6
272	11.7	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

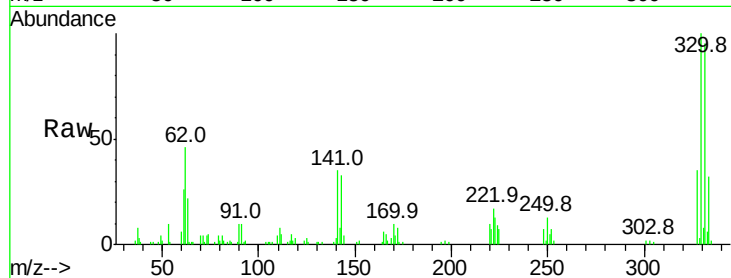




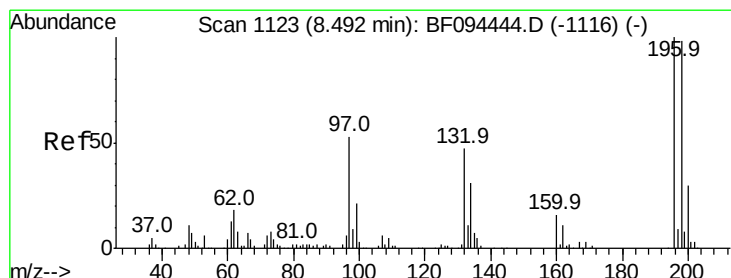
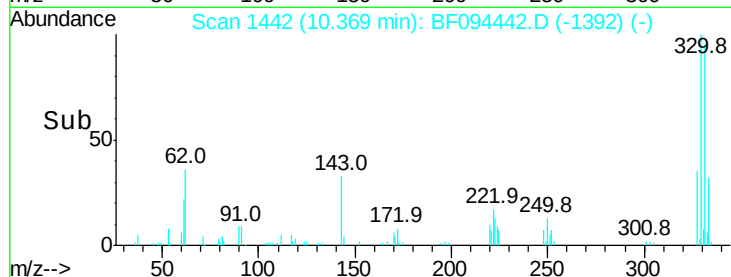
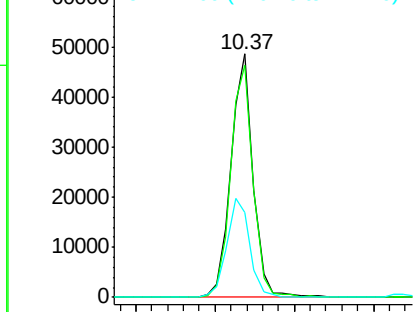
#41
 2,4,6-Tribromophenol
 Concen: 21.68 ng
 RT: 10.37 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 47014
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 41.9 31.4 47.2

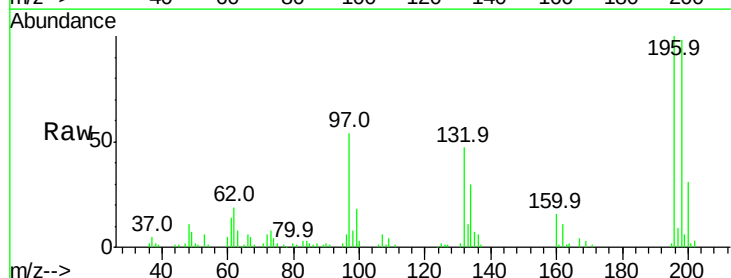


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

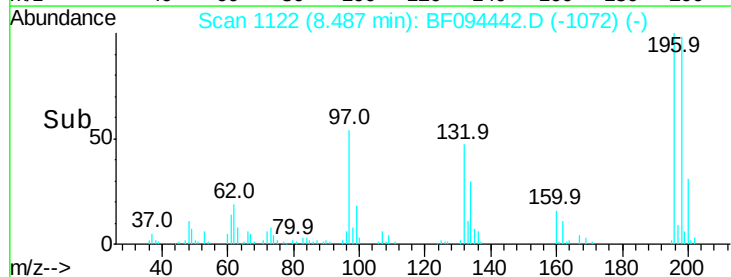
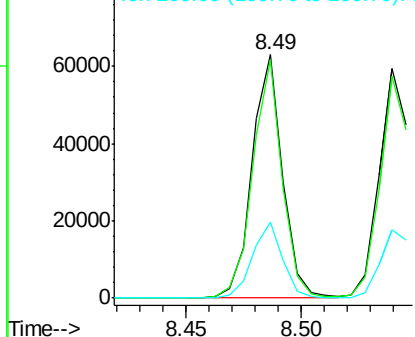


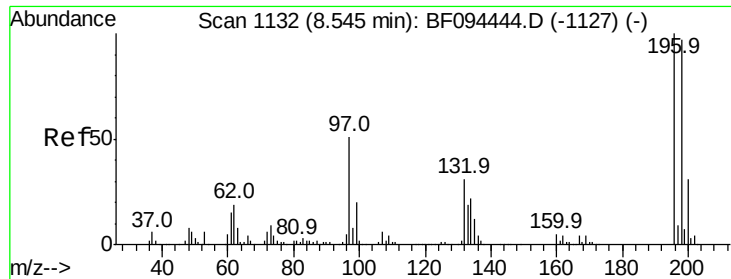
#42
 2,4,6-Trichlorophenol
 Concen: 10.95 ng
 RT: 8.49 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Tgt Ion:196 Resp: 58174
 Ion Ratio Lower Upper
 196 100
 198 97.9 74.2 111.4
 200 31.3 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

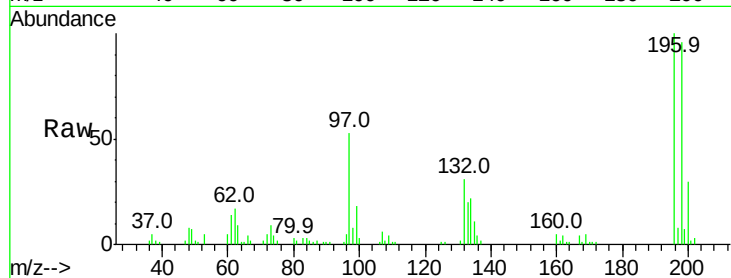




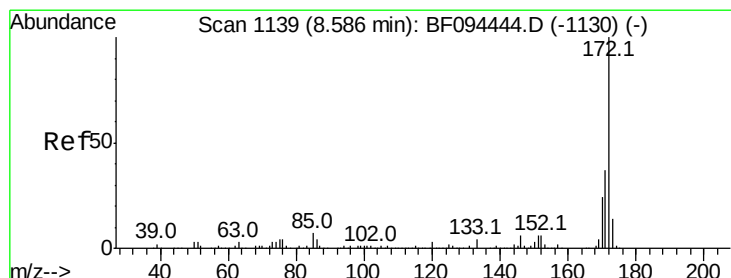
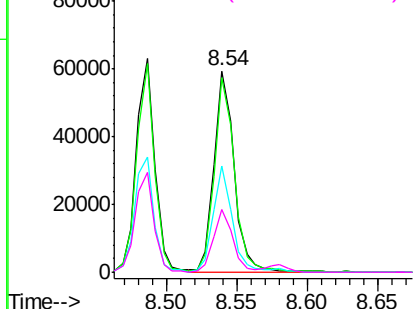
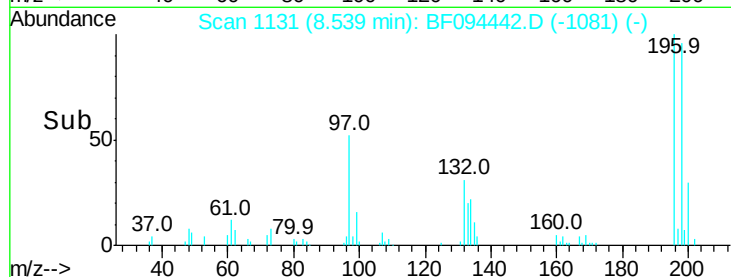
#43
 2,4,5-Trichlorophenol
 Concen: 10.48 ng
 RT: 8.54 min Scan# 1131
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:196 Resp: 60261
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 97 52.5 47.7 71.5
 132 30.8 28.0 42.0

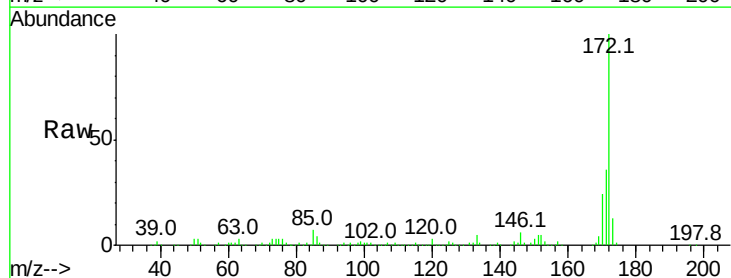


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

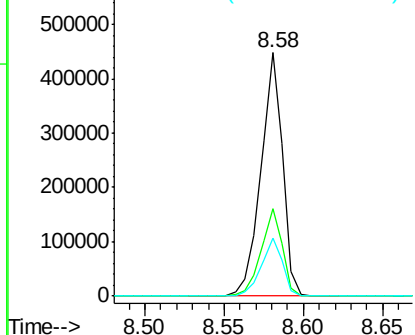
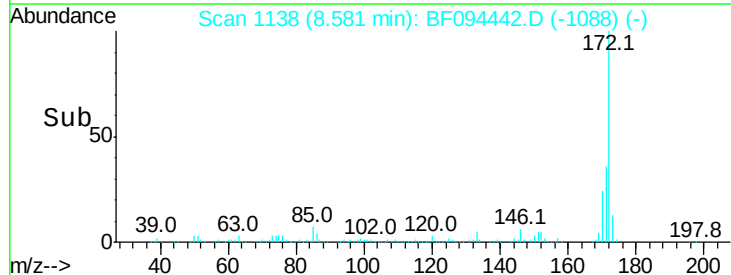


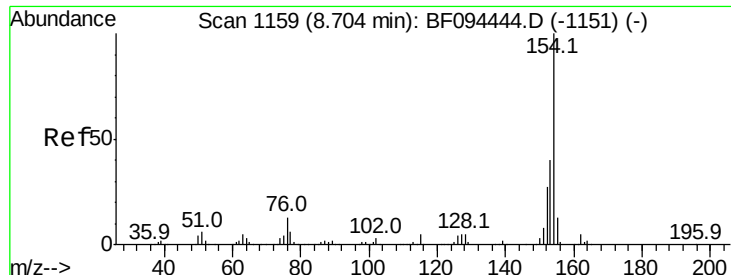
#44
 2-Fluorobiphenyl
 Concen: 23.85 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Tgt Ion:172 Resp: 429225
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.7 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: 11.37 ng

RT: 8.70 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

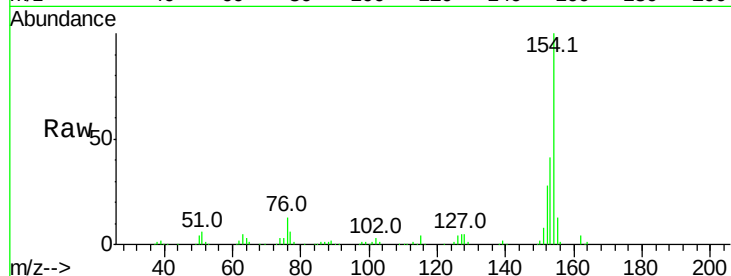
Tot Ion:154 Resp: 251603

Ion Ratio Lower Upper

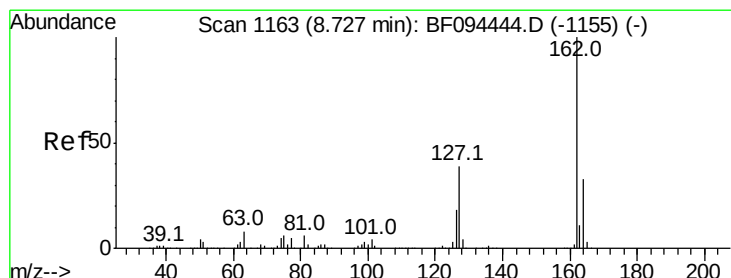
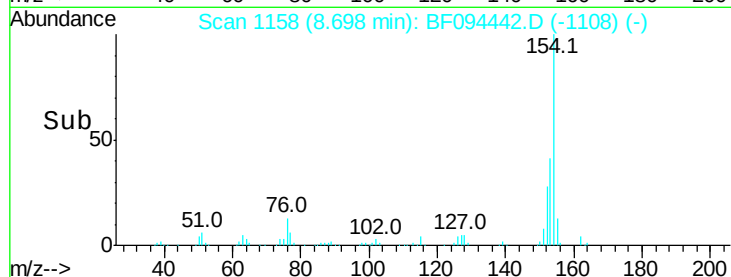
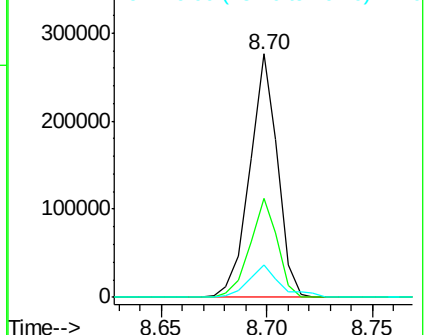
154 100

153 40.6 21.2 61.2

76 13.2 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: 11.52 ng

RT: 8.72 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

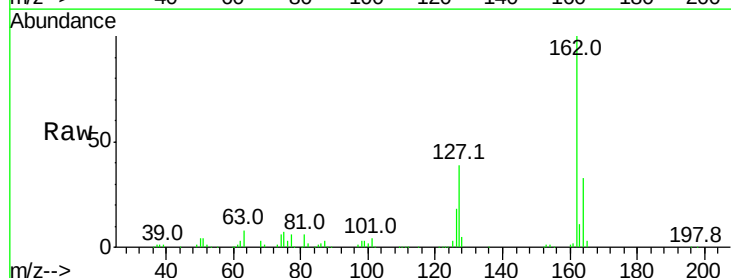
Tgt Ion:162 Resp: 199613

Ion Ratio Lower Upper

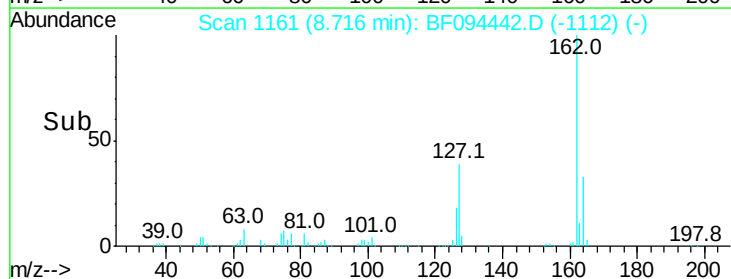
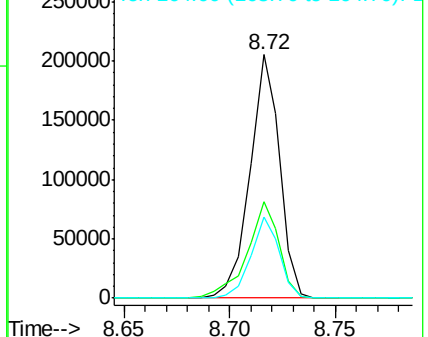
162 100

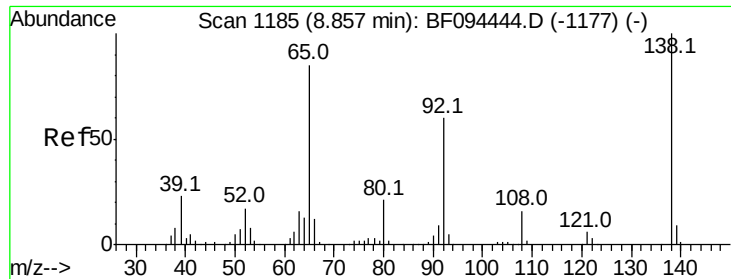
127 39.4 28.3 42.5

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

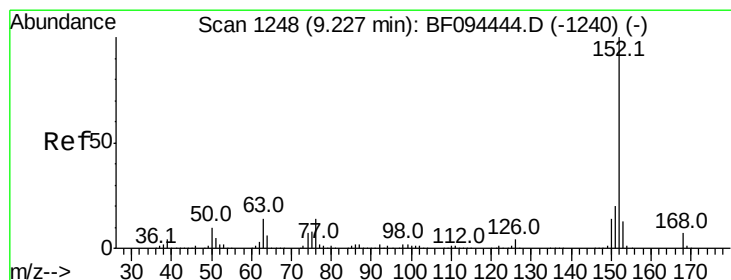
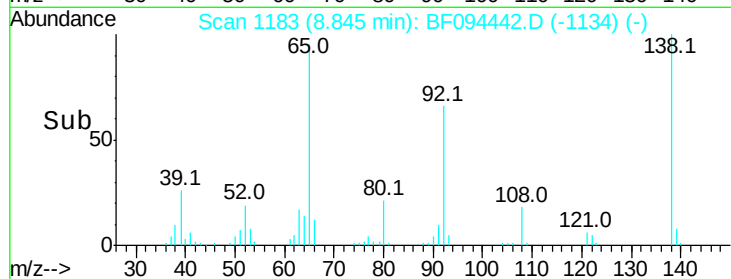
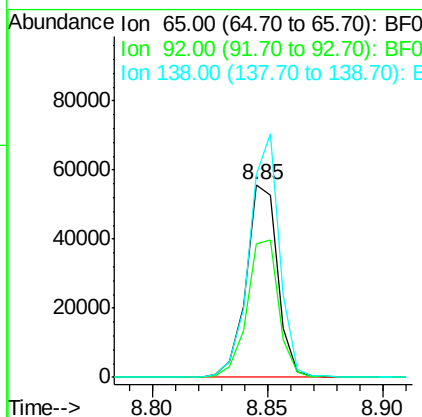
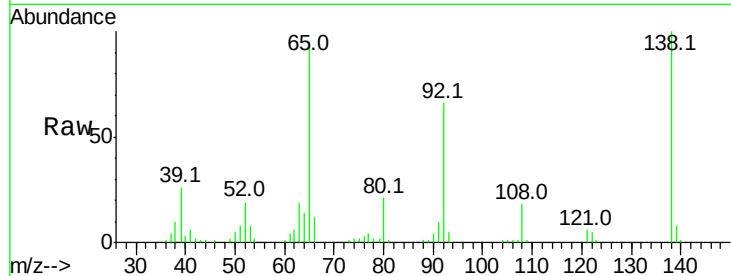




#47
 2-Nitroaniline
 Concen: 10.37 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

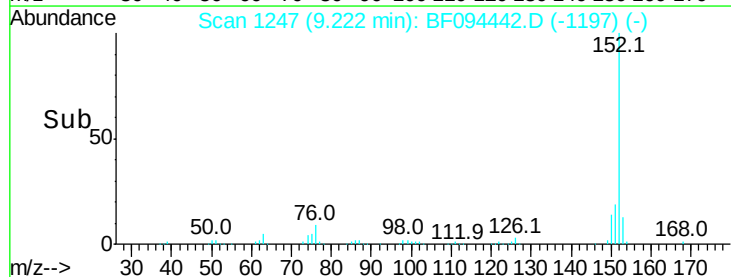
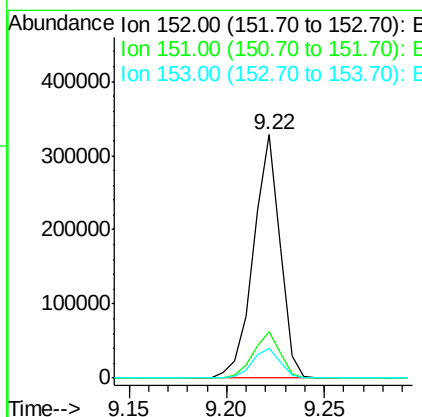
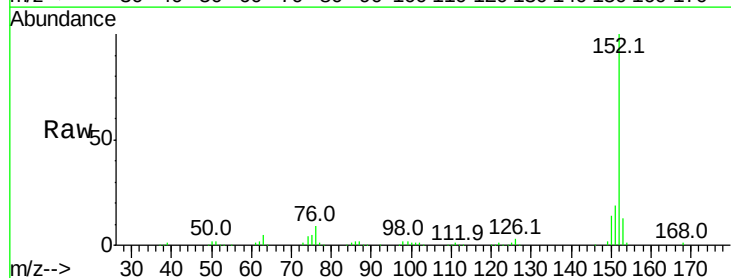
Instrument :
 BNA_F
 ClientSampled :

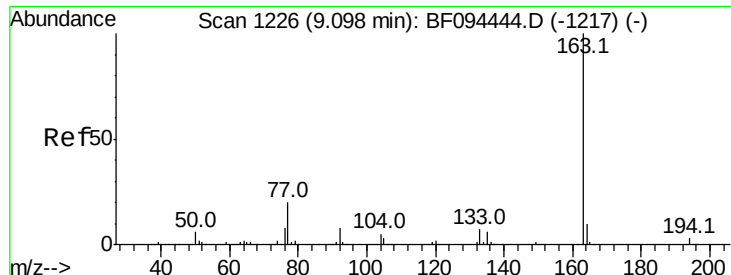
Tot Ion: 65 Resp: 53311
 Ion Ratio Lower Upper
 65 100
 92 69.0 53.9 80.9
 138 105.3 78.8 118.2



#48
 Acenaphthylene
 Concen: 10.77 ng
 RT: 9.22 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Tgt Ion:152 Resp: 310058
 Ion Ratio Lower Upper
 152 100
 151 19.2 16.8 25.2
 153 12.5 10.8 16.2

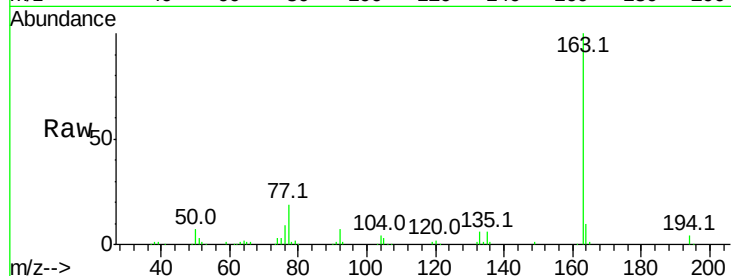




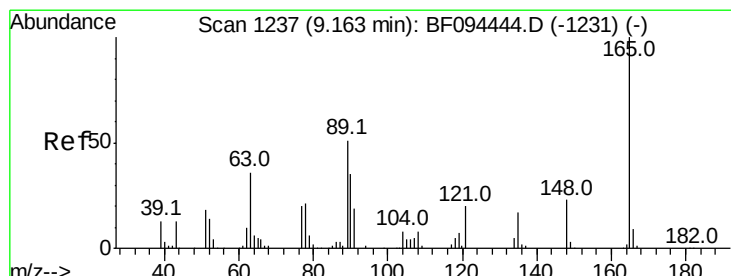
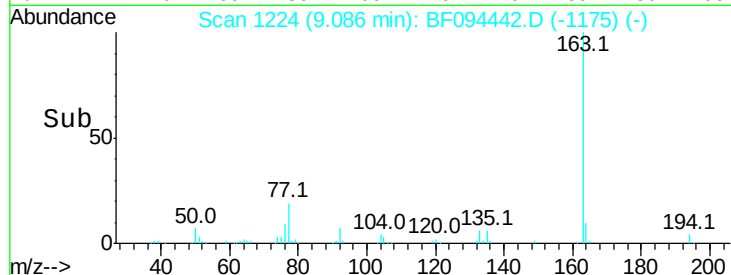
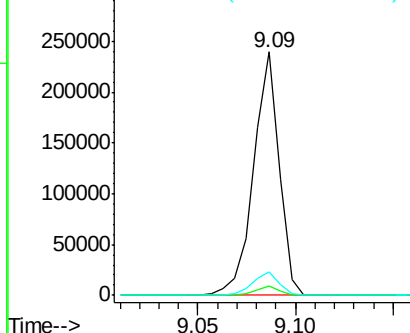
#49
Dimethylphthalate
Concen: 11.17 ng
RT: 9.09 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 217829
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.6 8.4 12.6

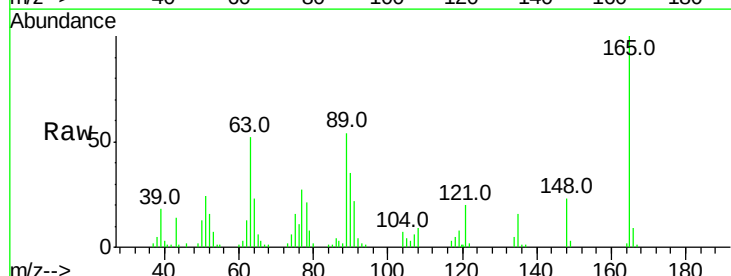


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

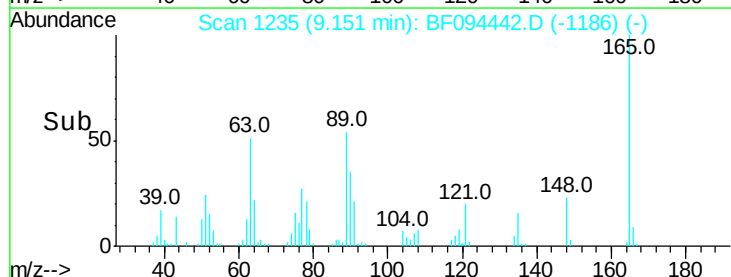
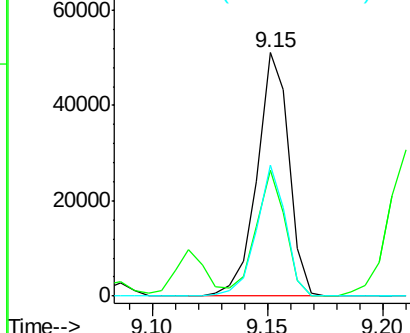


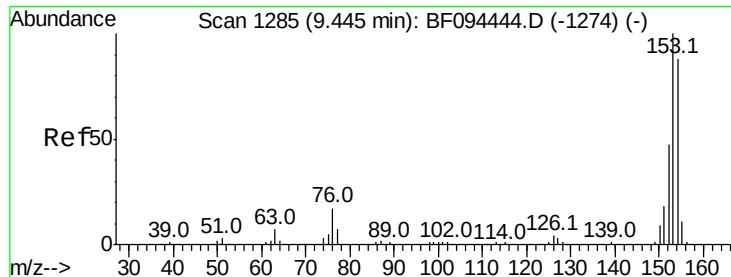
#50
2,6-Dinitrotoluene
Concen: 11.00 ng
RT: 9.15 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

Tgt Ion:165 Resp: 49202
Ion Ratio Lower Upper
165 100
63 51.9 34.3 51.5#
89 53.9 37.1 55.7



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





#51

Acenaphthene

Concen: 10.95 ng

RT: 9.43 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

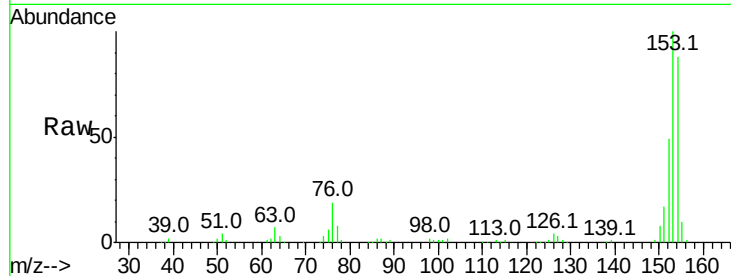
Tot Ion:154 Resp: 184089

Ion Ratio Lower Upper

154 100

153 114.2 90.5 135.7

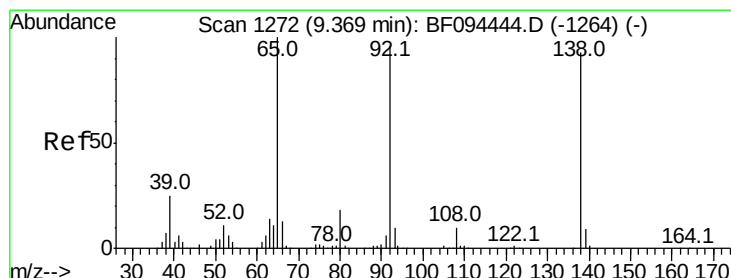
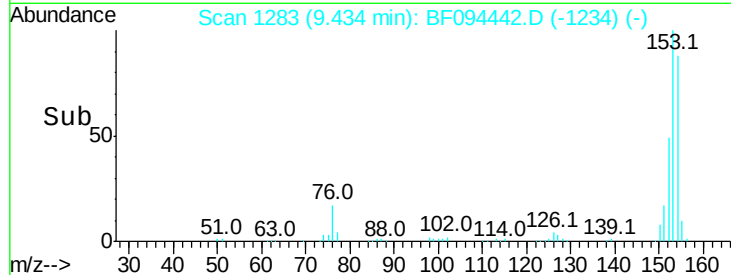
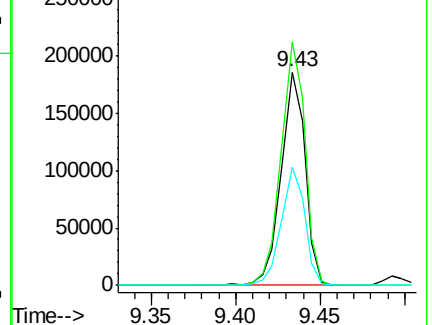
152 55.5 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.61 ng

RT: 9.35 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

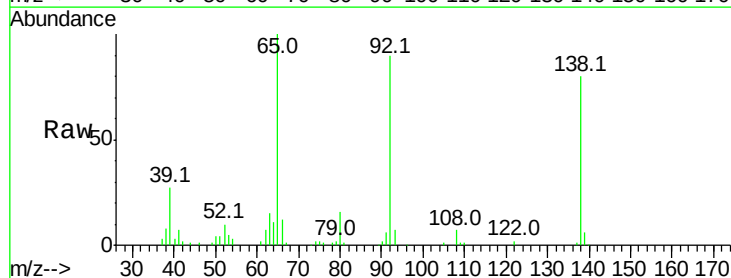
Tgt Ion:138 Resp: 55716

Ion Ratio Lower Upper

138 100

108 8.8 9.1 13.7#

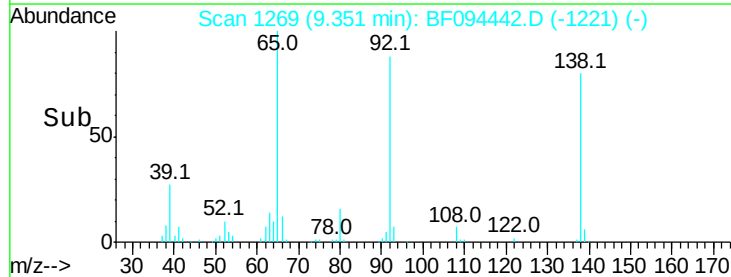
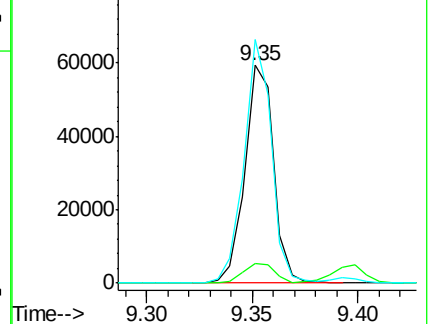
92 111.8 93.8 140.6

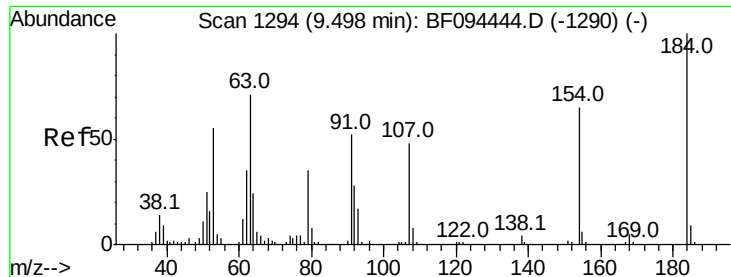


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

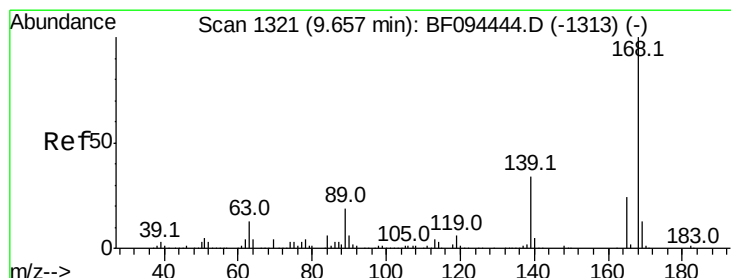
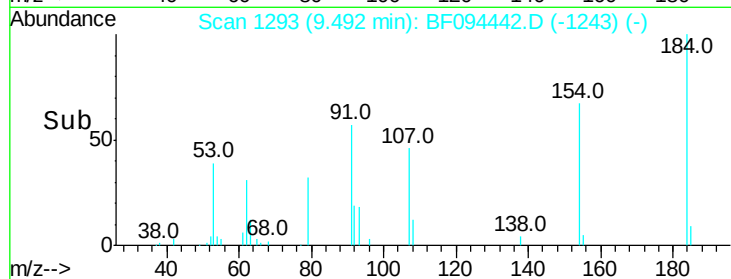
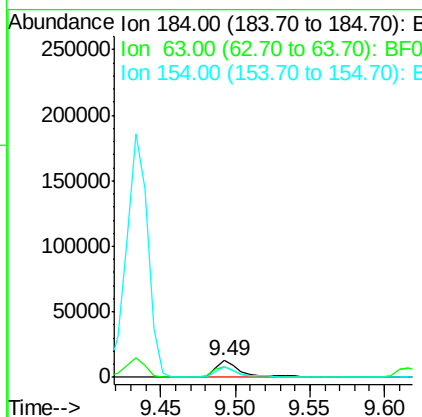
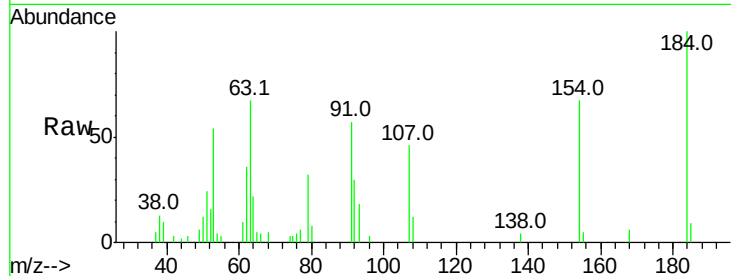




#53
 2,4-Dinitrophenol
 Concen: 7.12 na
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

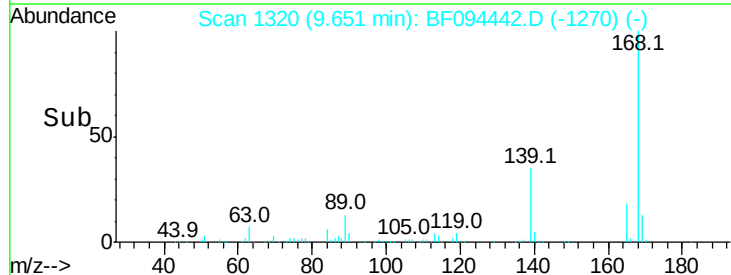
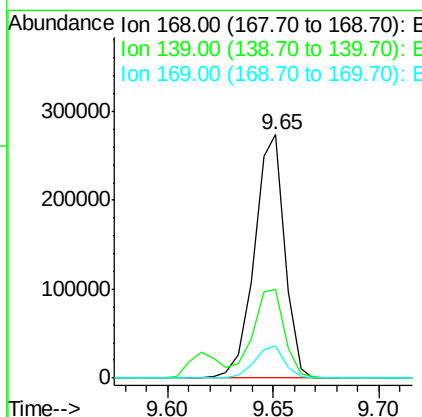
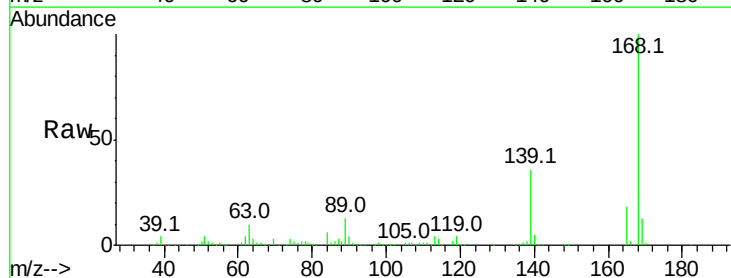
Instrument :
 BNA_F
 ClientSampled :

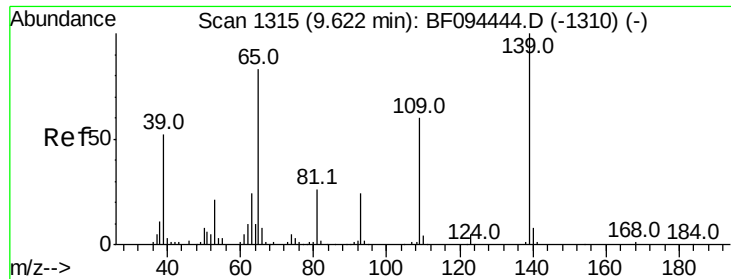
Tot Ion:184 Resp: 15176
 Ion Ratio Lower Upper
 184 100
 63 67.4 62.7 94.1
 154 67.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 11.93 ng
 RT: 9.65 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Tgt Ion:168 Resp: 273001
 Ion Ratio Lower Upper
 168 100
 139 36.5 30.6 45.8
 169 13.1 10.8 16.2

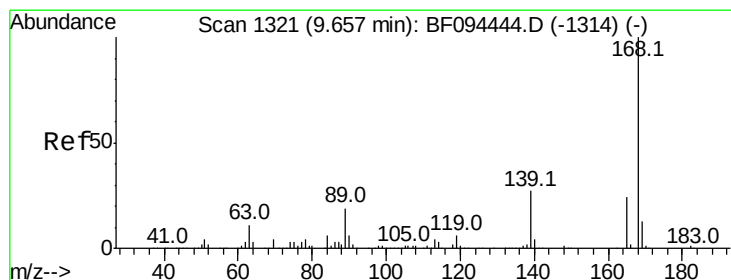
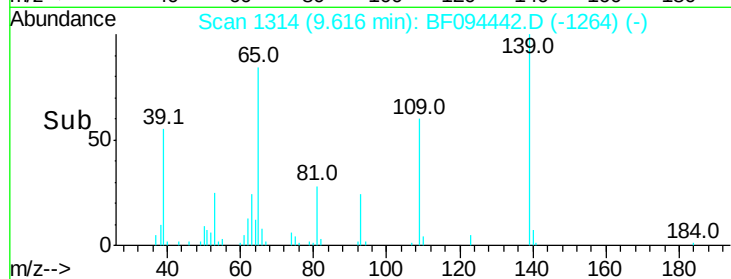
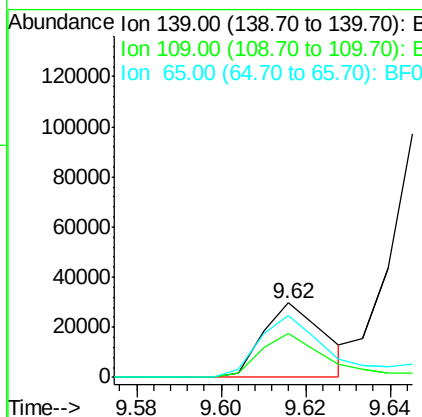
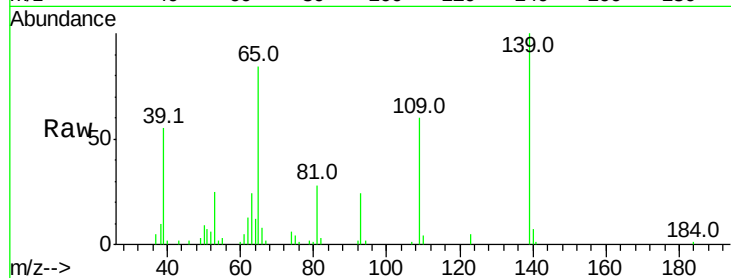




#55
4-Nitrophenol
Concen: 7.24 ng
RT: 9.62 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

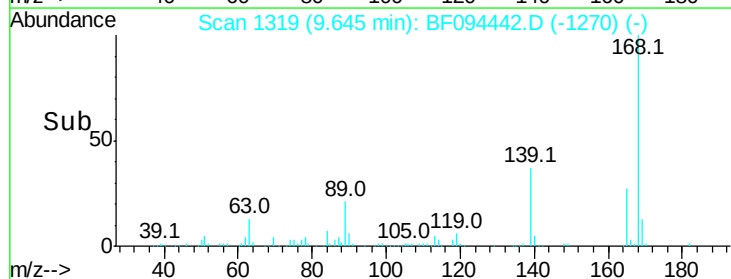
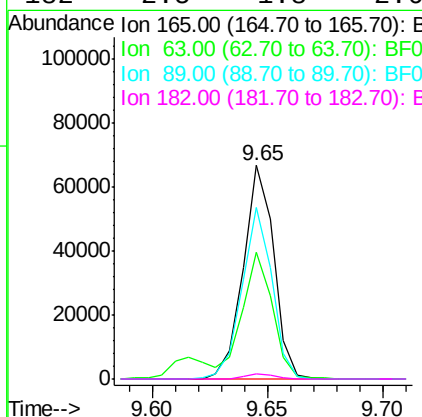
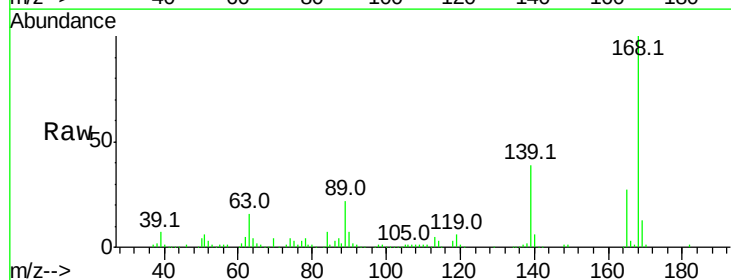
Instrument :
BNA_F
ClientSampleId :

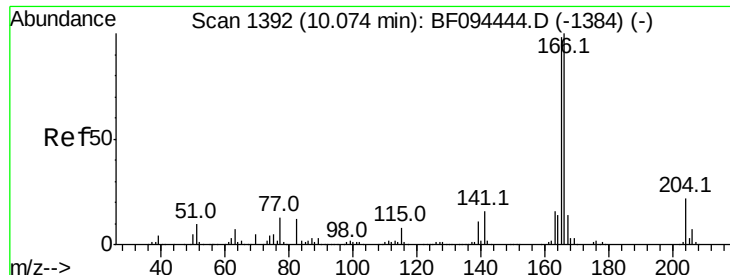
Tot Ion:139 Resp: 29788
Ion Ratio Lower Upper
139 100
109 59.7 34.1 74.1
65 83.8 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 11.07 ng
RT: 9.65 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

Tgt Ion:165 Resp: 62174
Ion Ratio Lower Upper
165 100
63 59.3 25.4 38.0#
89 80.4 46.4 69.6#
182 2.5 1.8 2.6





#57

Fluorene

Concen: 11.48 ng

RT: 10.07 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

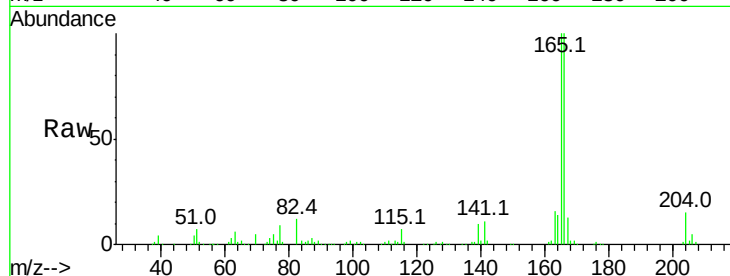
Tot Ion:166 Resp: 217744

Ion Ratio Lower Upper

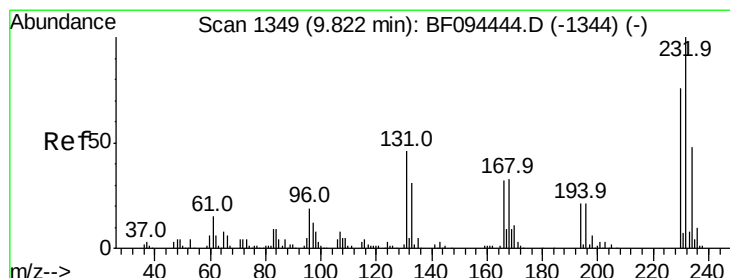
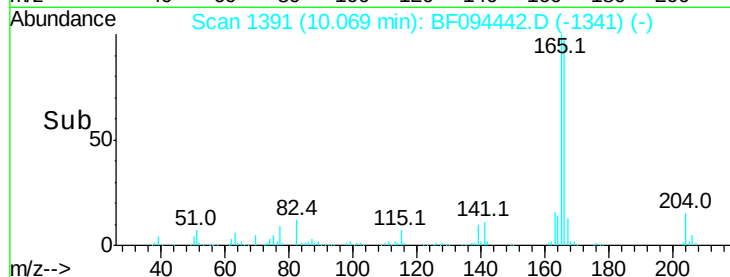
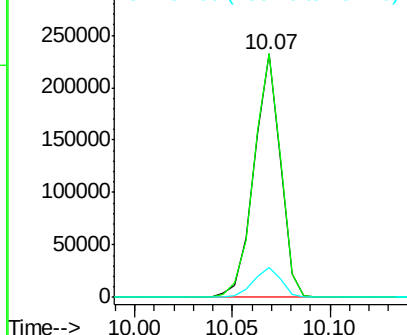
166 100

165 100.0 78.8 118.2

167 12.5 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: 10.66 ng

RT: 9.82 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Tgt Ion:232 Resp: 42023

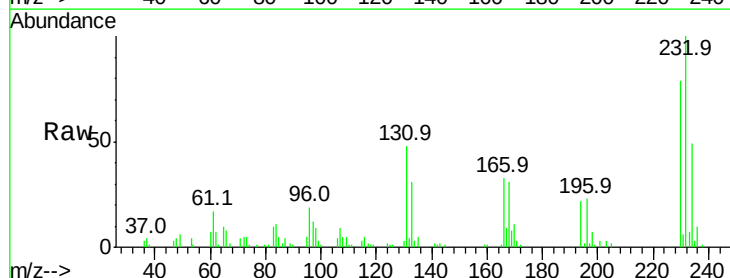
Ion Ratio Lower Upper

232 100

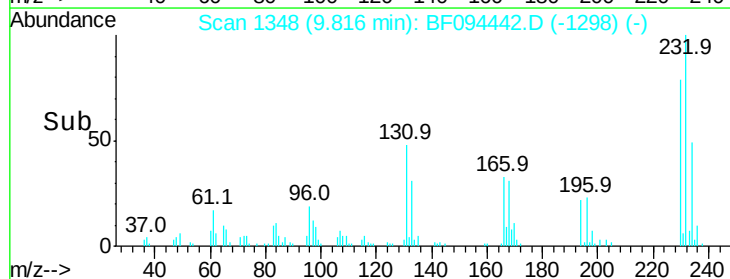
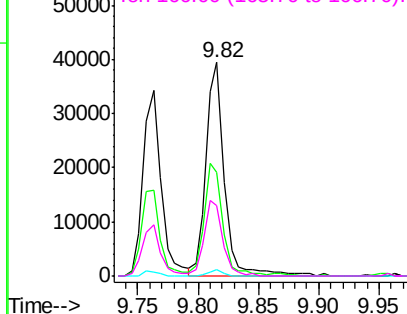
131 50.7 44.8 67.2

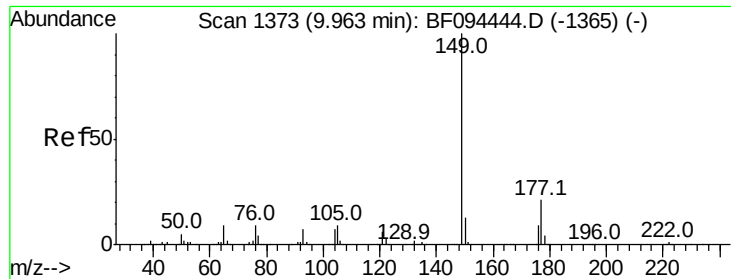
130 2.3 2.3 3.5#

166 35.2 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: 10.92 ng

RT: 9.95 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampled :

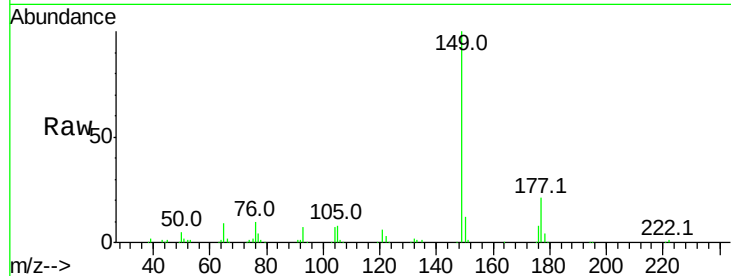
Tot Ion:149 Resp: 210490

Ion Ratio Lower Upper

149 100

177 21.0 16.7 25.1

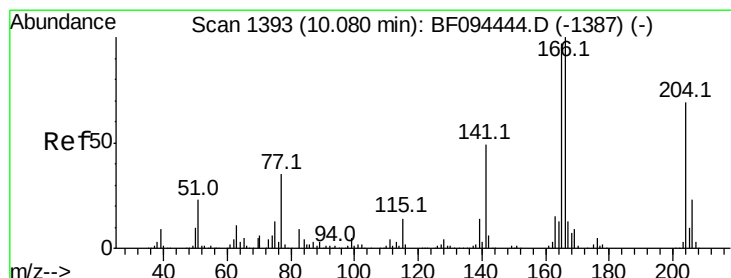
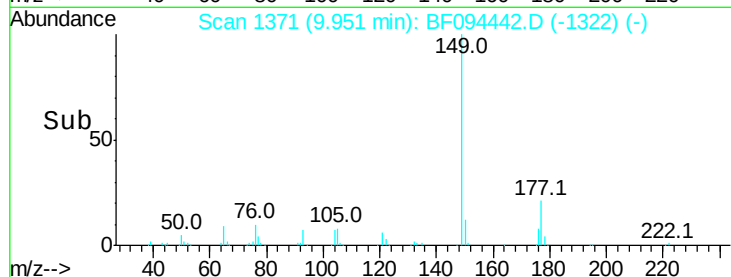
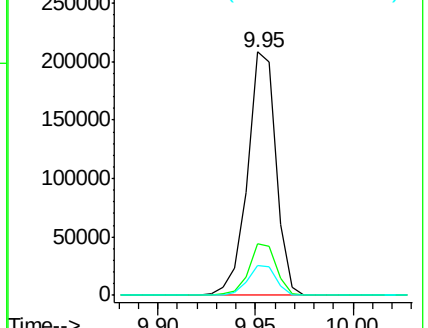
150 12.2 10.2 15.2



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: 11.84 ng

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

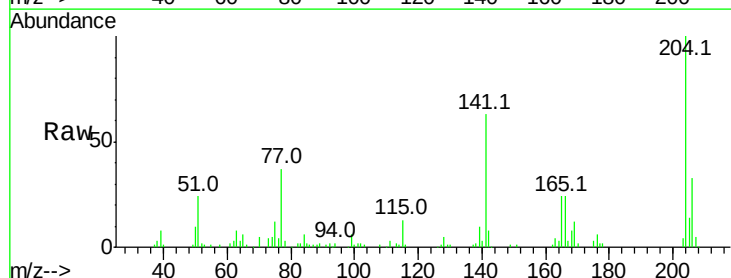
Tgt Ion:204 Resp: 95661

Ion Ratio Lower Upper

204 100

206 32.5 26.2 39.2

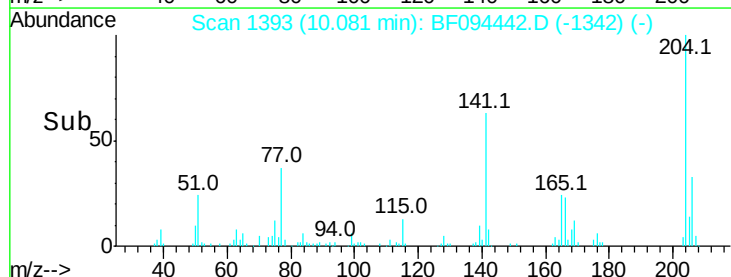
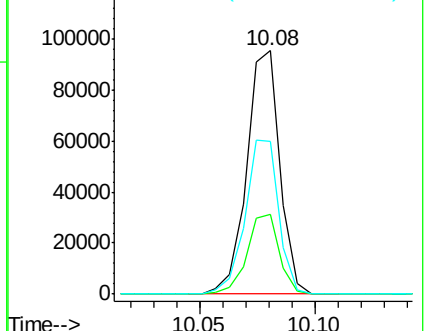
141 62.7 60.8 91.2

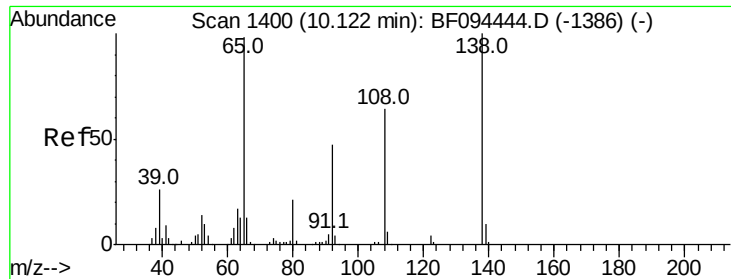


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 11.14 ng

RT: 10.10 min Scan# 1396

Delta R.T. -0.02 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampled :

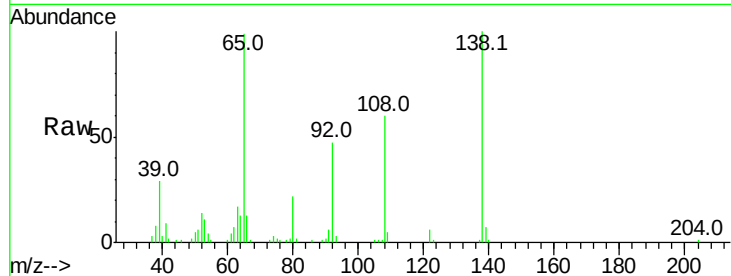
Tot Ion:138 Resp: 56131

Ion Ratio Lower Upper

138 100

92 46.9 21.8 61.8

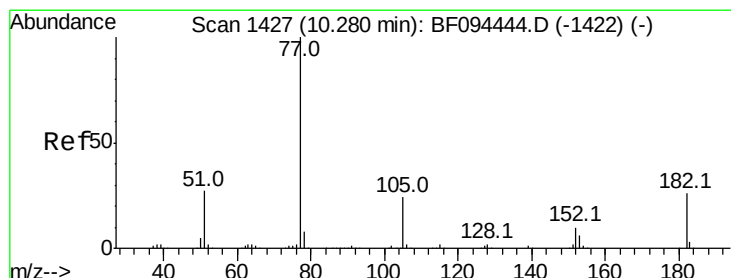
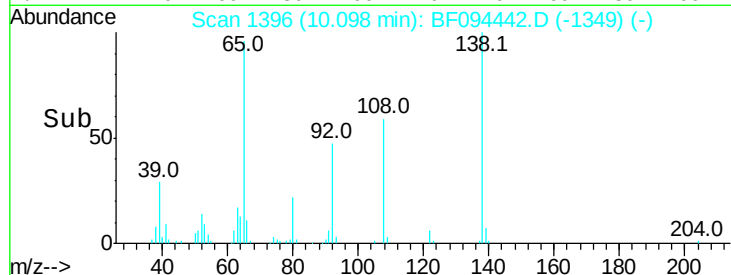
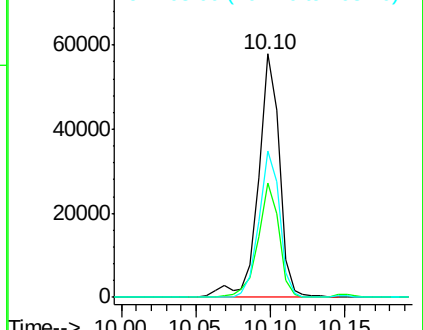
108 59.9 42.3 82.3



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: 11.12 ng

RT: 10.27 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Tgt Ion: 77 Resp: 202908

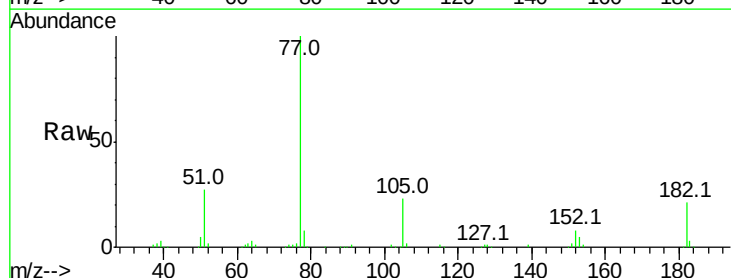
Ion Ratio Lower Upper

77 100

182 21.3 0.1 40.1

105 23.1 3.6 43.6

51 27.0 9.4 49.4

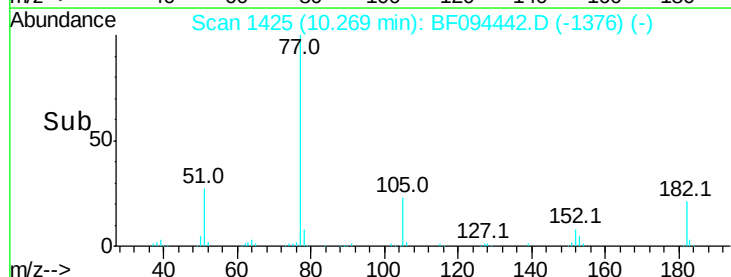
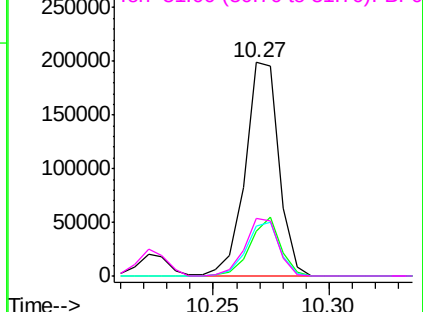


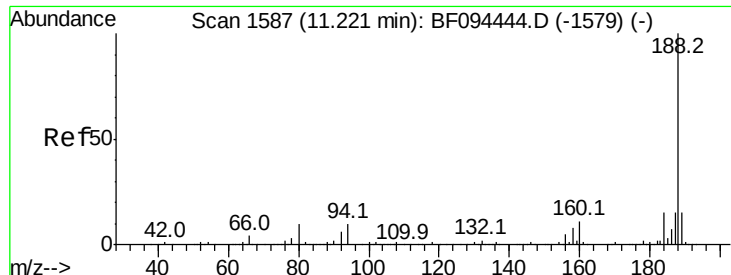
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

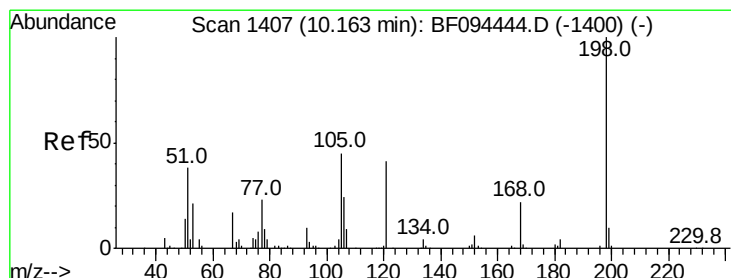
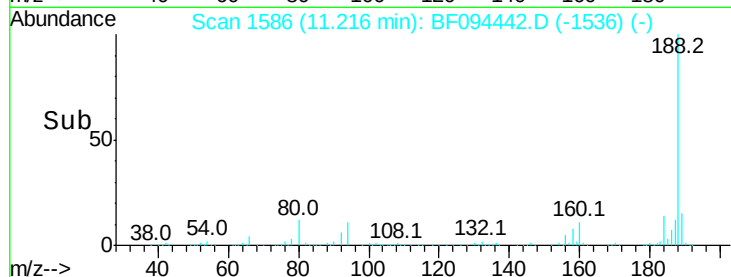
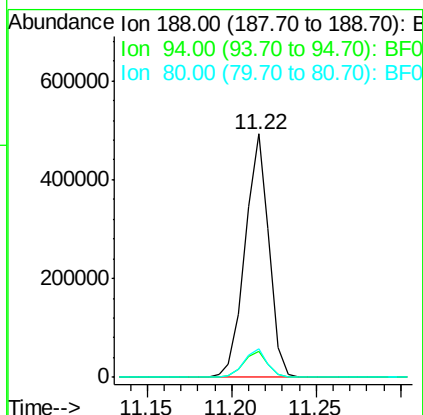
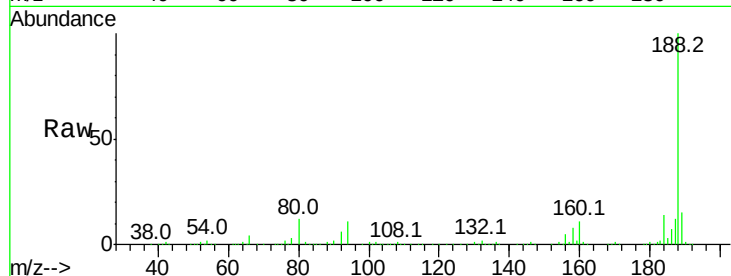




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

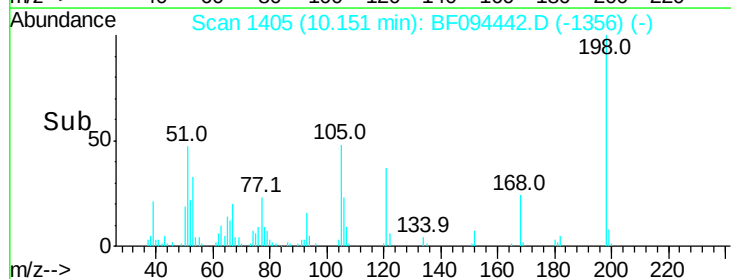
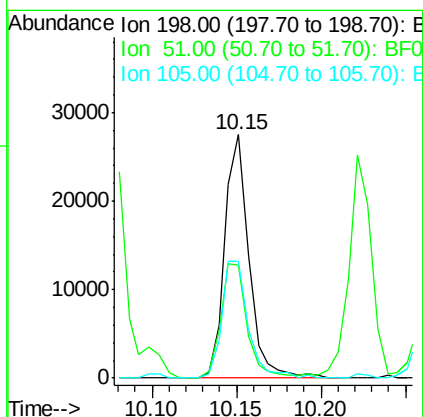
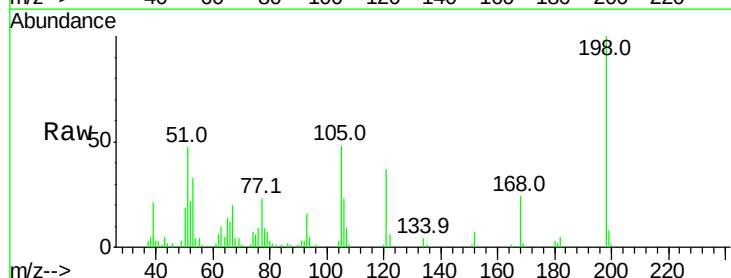
Instrument :
 BNA_F
 ClientSampleId :

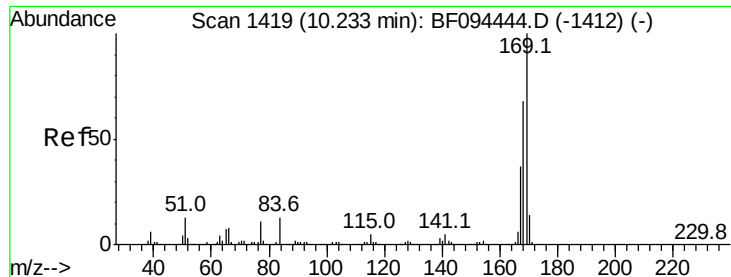
Tot Ion:188 Resp: 483943
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 11.5 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.26 ng
 RT: 10.15 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Tgt Ion:198 Resp: 27449
 Ion Ratio Lower Upper
 198 100
 51 46.5 53.2 93.2#
 105 47.9 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 11.34 ng

RT: 10.23 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

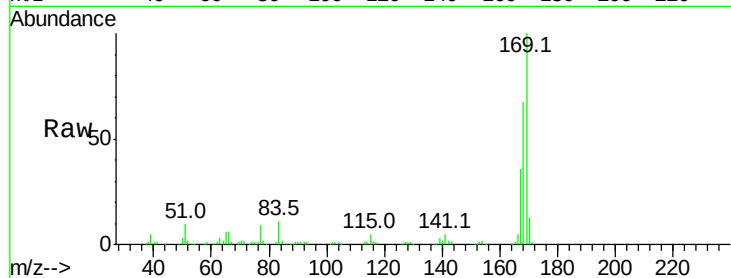
Tot Ion:169 Resp: 189810

Ion Ratio Lower Upper

169 100

168 66.7 53.2 79.8

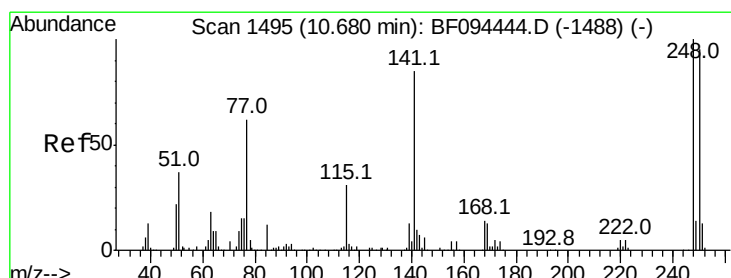
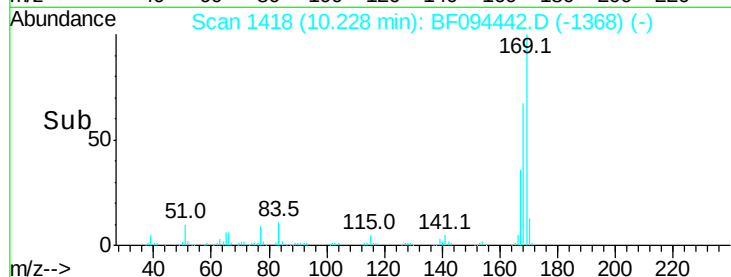
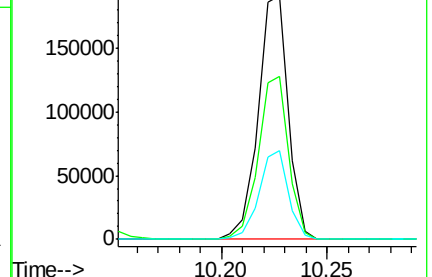
167 36.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 10.89 ng

RT: 10.67 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

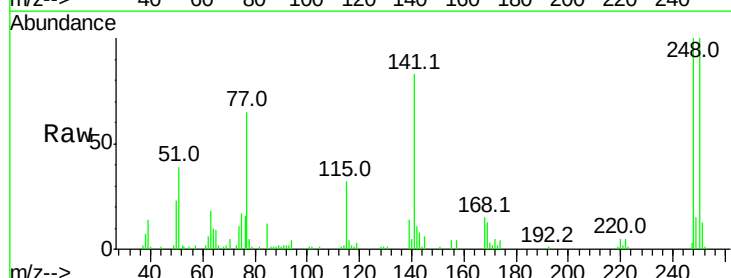
Tgt Ion:248 Resp: 51818

Ion Ratio Lower Upper

248 100

250 99.5 76.8 115.2

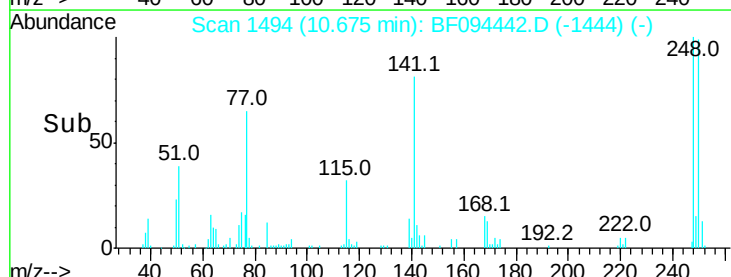
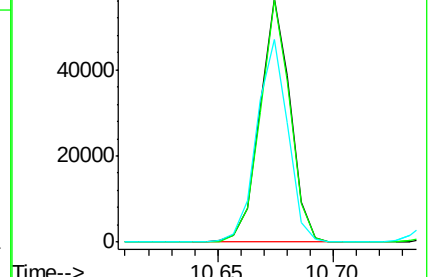
141 83.5 68.6 103.0

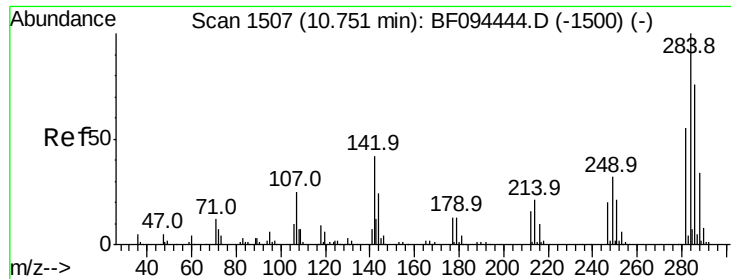


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 10.85 ng

RT: 10.75 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

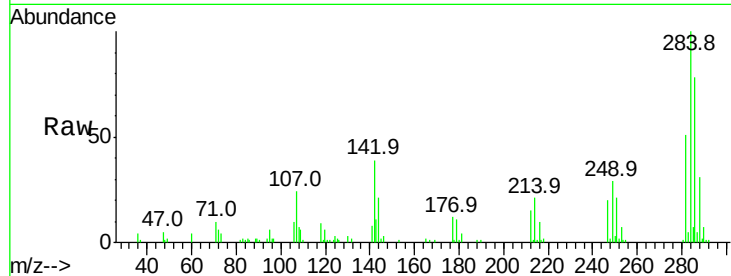
Tot Ion:284 Resp: 52296

Ion Ratio Lower Upper

284 100

142 38.9 22.8 34.2#

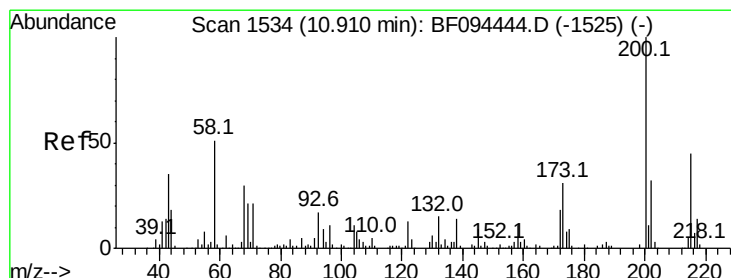
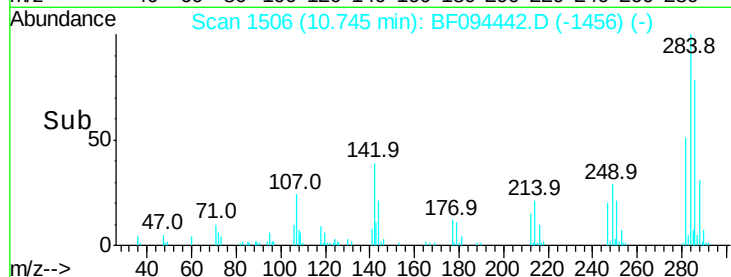
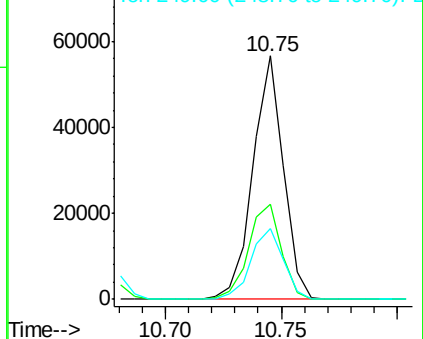
249 29.0 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 10.98 ng

RT: 10.90 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

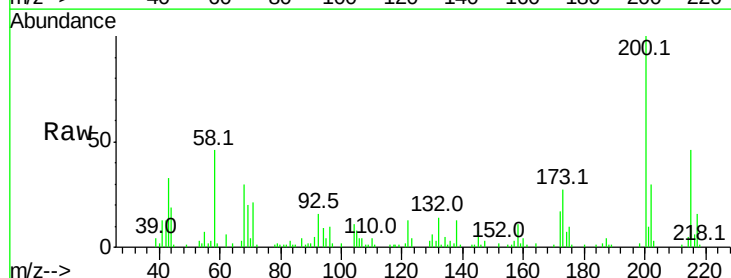
Tgt Ion:200 Resp: 55025

Ion Ratio Lower Upper

200 100

173 27.3 6.3 46.3

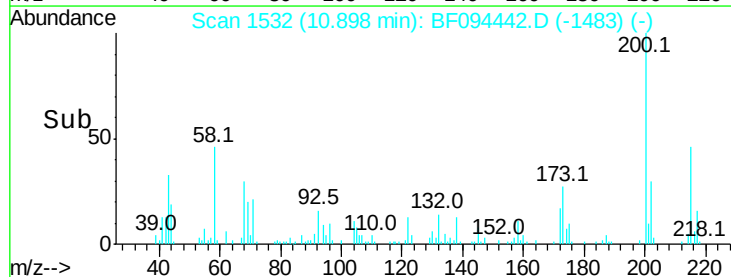
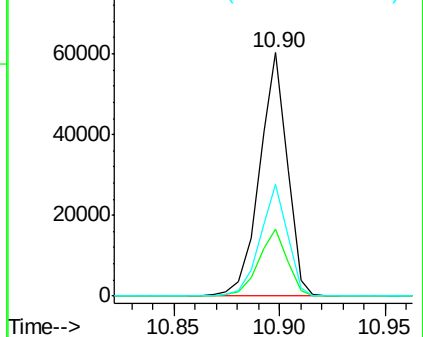
215 46.0 27.2 67.2

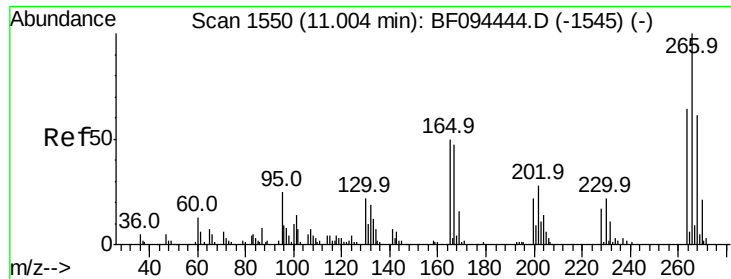


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

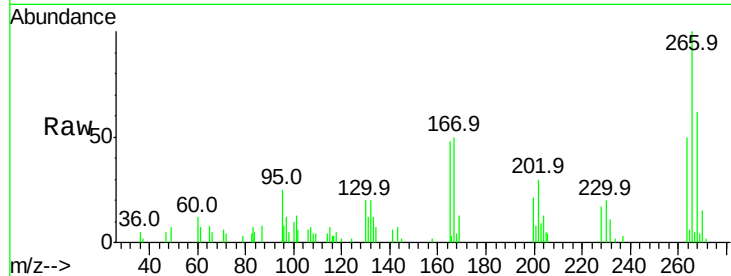




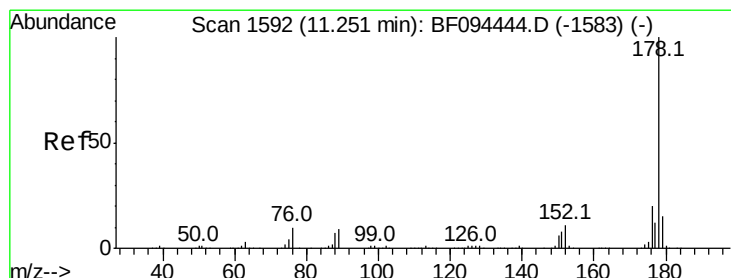
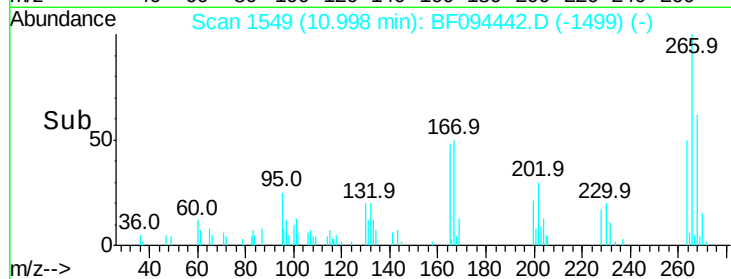
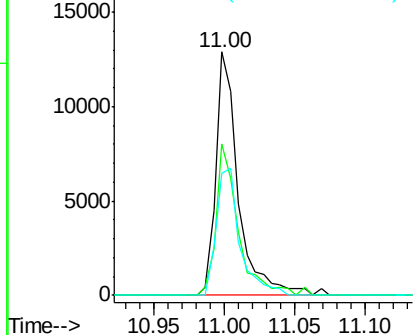
#69
 Pentachlorophenol
 Concen: 4.79 ng
 RT: 11.00 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.2	51.1	76.7
264	55.6	51.7	77.5

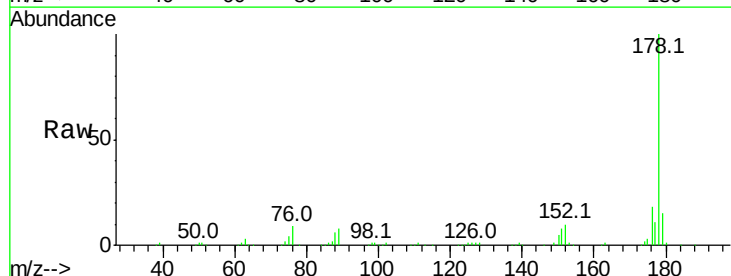


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

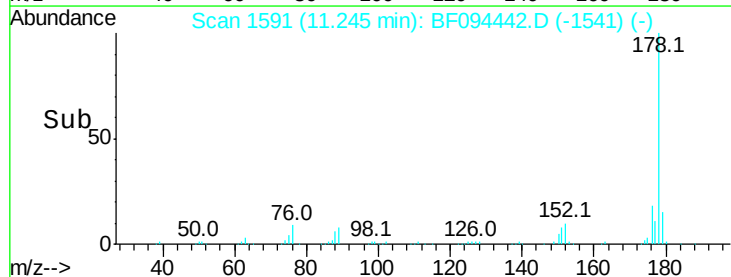
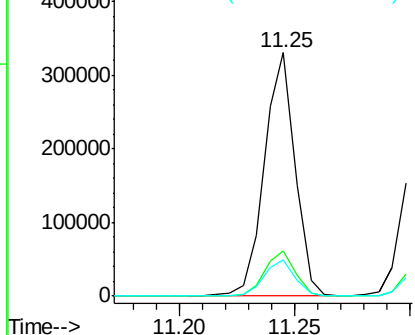


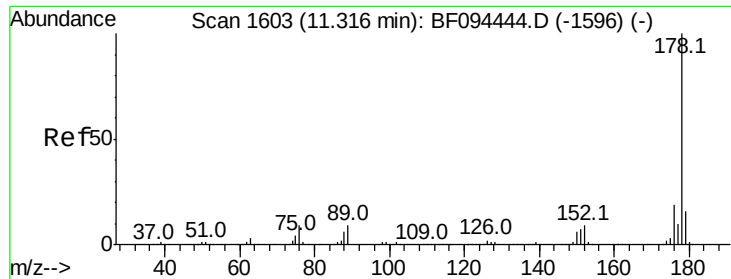
#70
 Phenanthrene
 Concen: 11.37 ng
 RT: 11.25 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	15.1	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

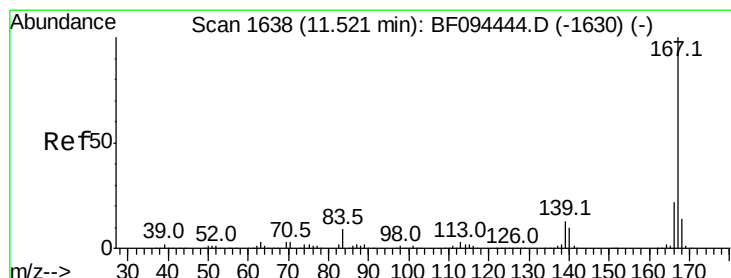
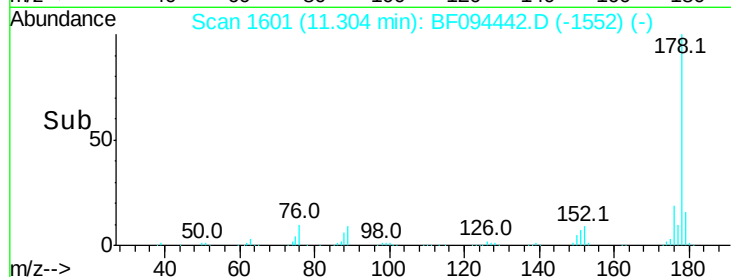
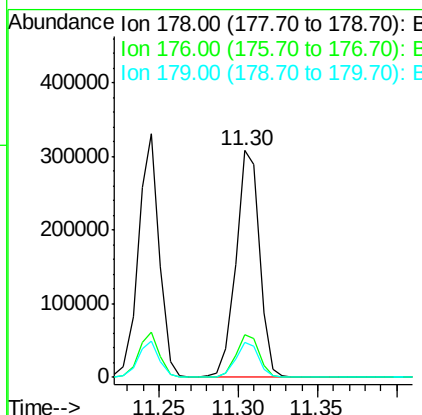
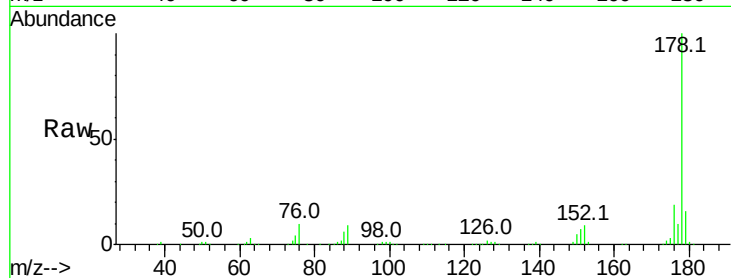




#71
 Anthracene
 Concen: 11.47 ng
 RT: 11.30 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

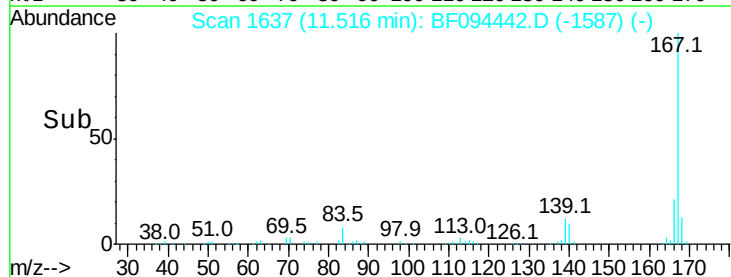
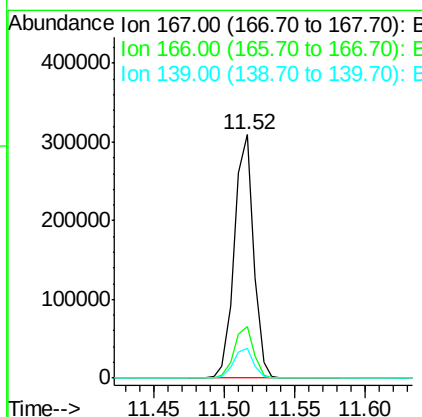
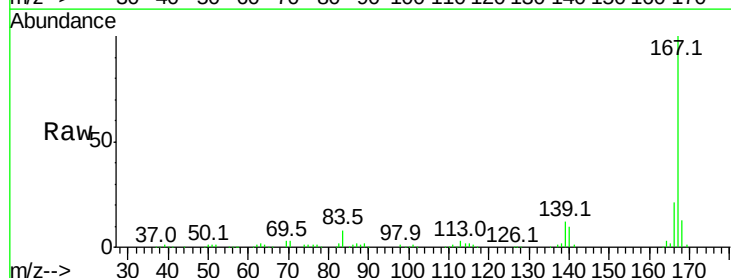
Instrument :
 BNA_F
 ClientSampleId :

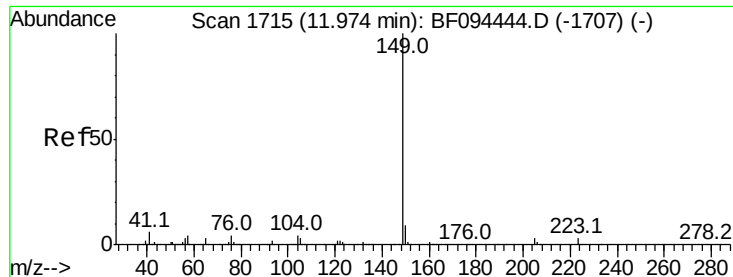
Tot Ion:178 Resp: 318030
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 10.35 ng
 RT: 11.52 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Tgt Ion:167 Resp: 294087
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.1 27.1
 139 12.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 10.74 ng

RT: 11.97 min Scan# 1714

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

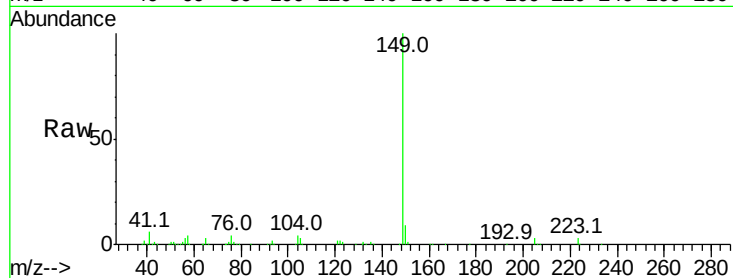
Tot Ion:149 Resp: 317458

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

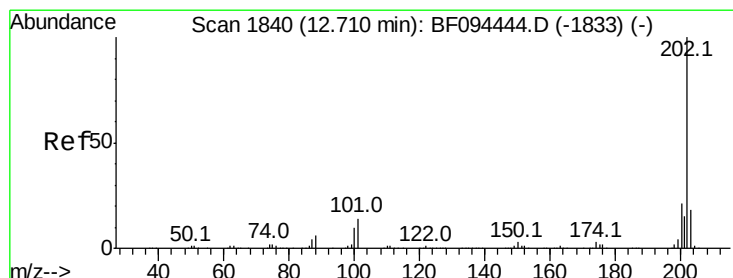
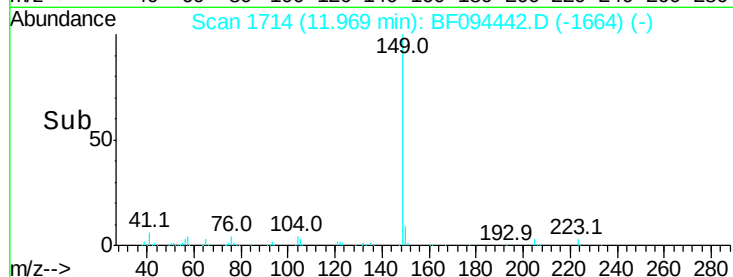
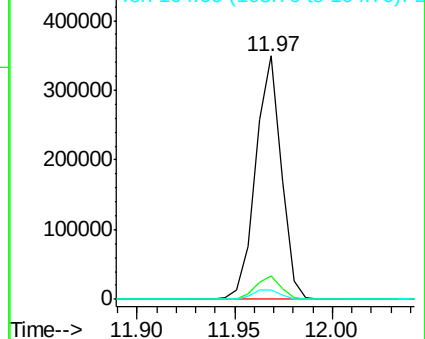
104 4.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 11.39 ng

RT: 12.70 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

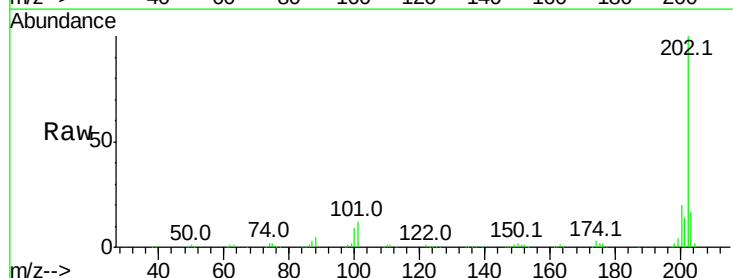
Tgt Ion:202 Resp: 314036

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

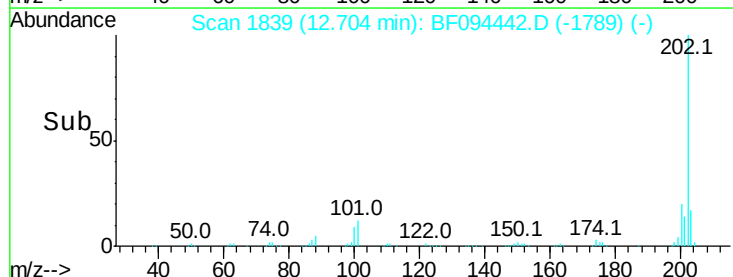
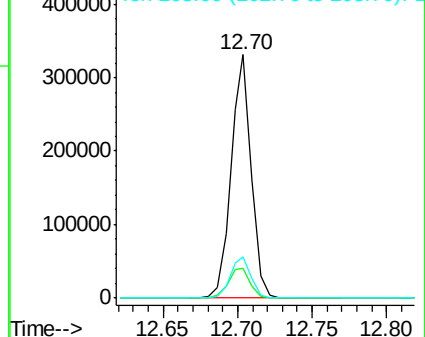
203 16.8 0.0 38.1

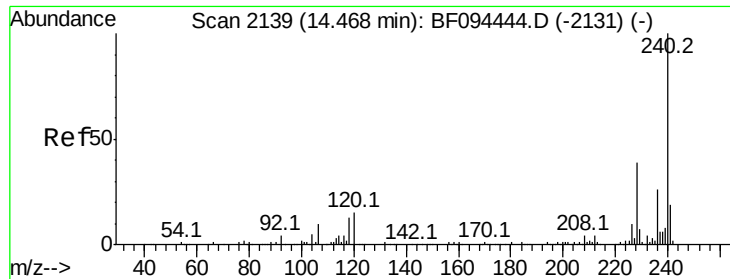


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

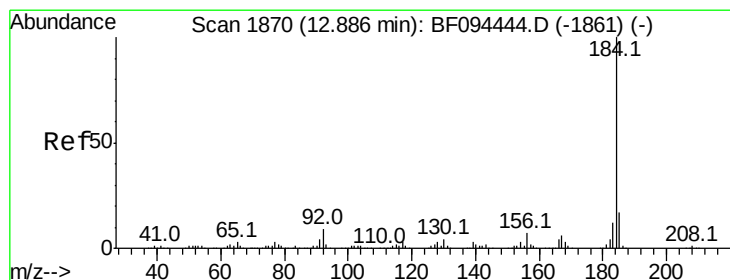
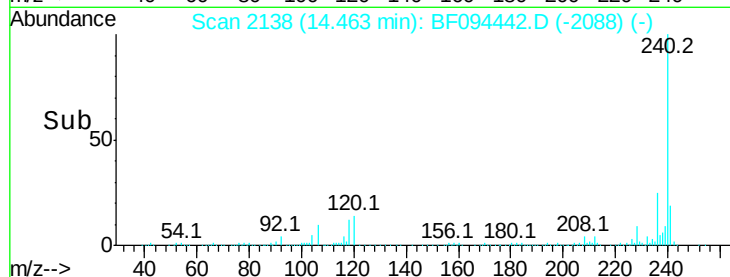
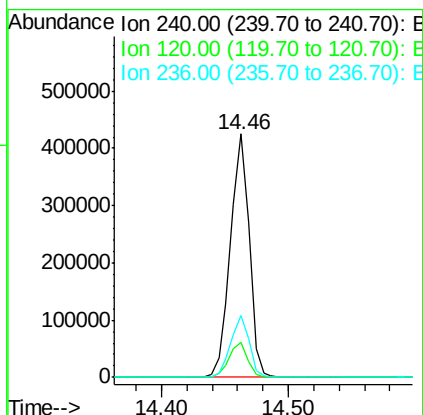
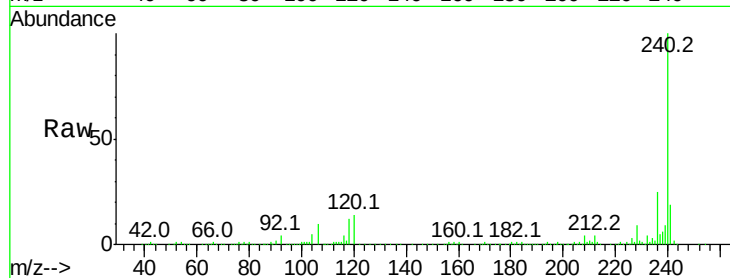




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.46 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

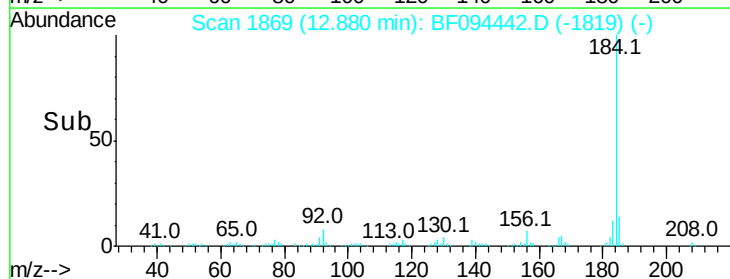
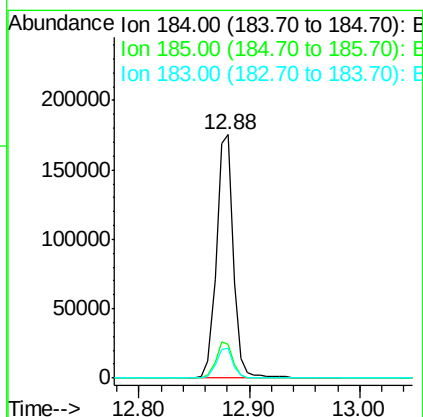
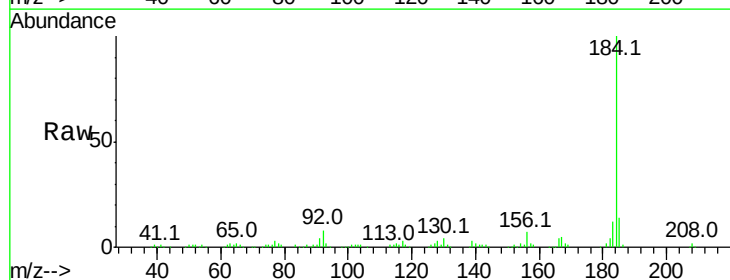
Instrument :
 BNA_F
 ClientSampleID :

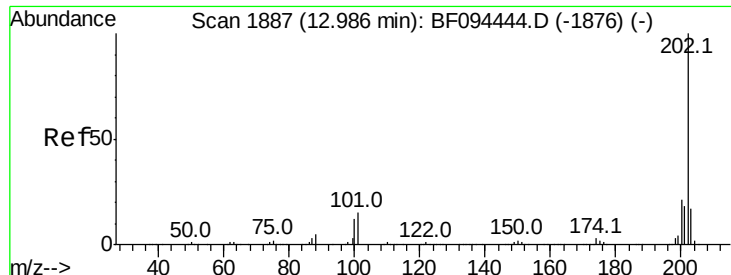
Tot Ion:240 Resp: 435941
 Ion Ratio Lower Upper
 240 100
 120 14.4 5.8 8.8#
 236 25.5 20.5 30.7



#76
 Benzidine
 Concen: 10.83 ng
 RT: 12.88 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Tgt Ion:184 Resp: 186905
 Ion Ratio Lower Upper
 184 100
 185 14.0 15.5 23.3#
 183 12.2 9.8 14.6

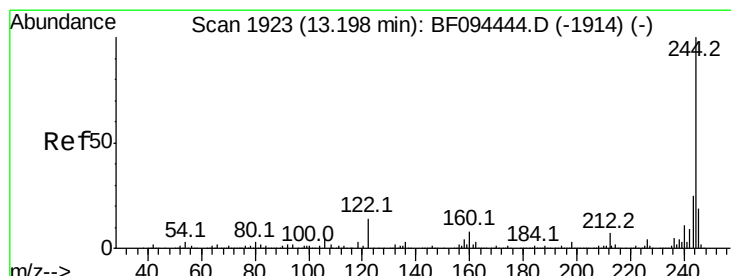
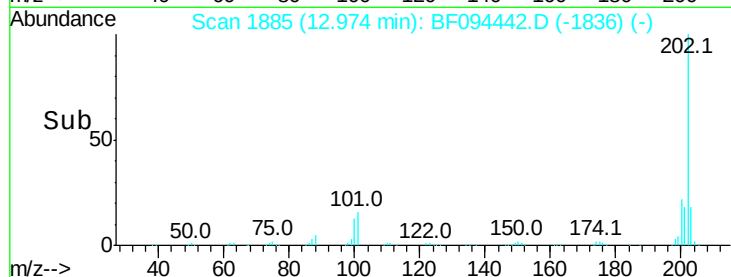
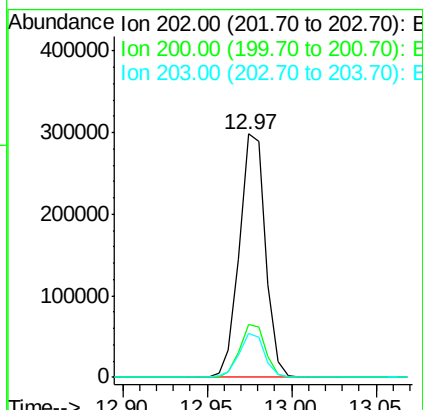
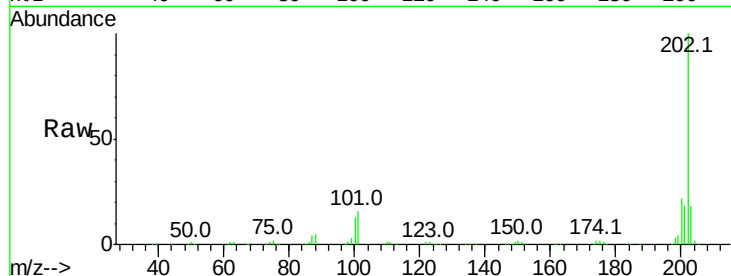




#77
Pvrene
Concen: 10.14 ng
RT: 12.97 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

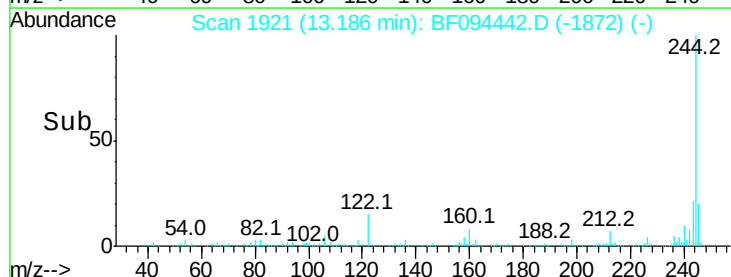
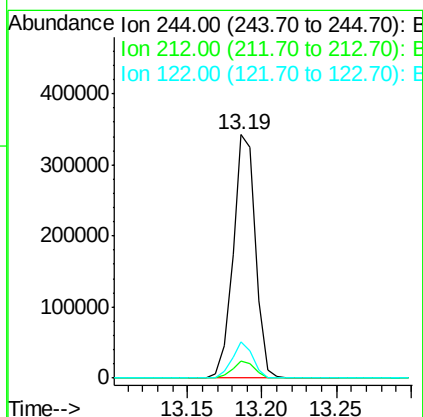
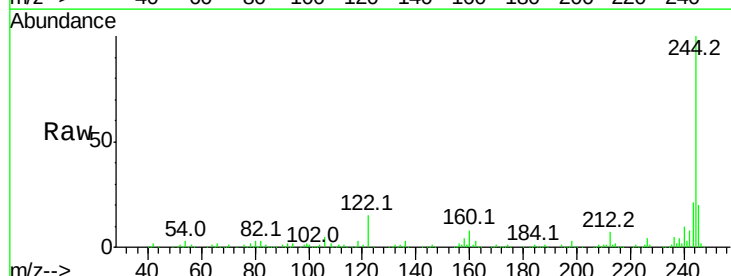
Instrument :
BNA_F
ClientSampleId :

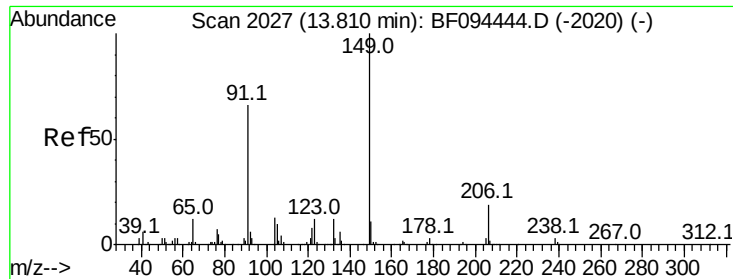
Tot Ion:202 Resp: 320781
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 18.1 14.4 21.6



#78
Terphenyl-d14
Concen: 18.43 ng
RT: 13.19 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

Tgt Ion:244 Resp: 358454
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 15.2 10.3 15.5

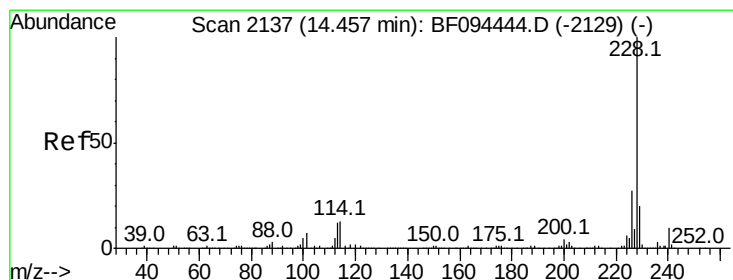
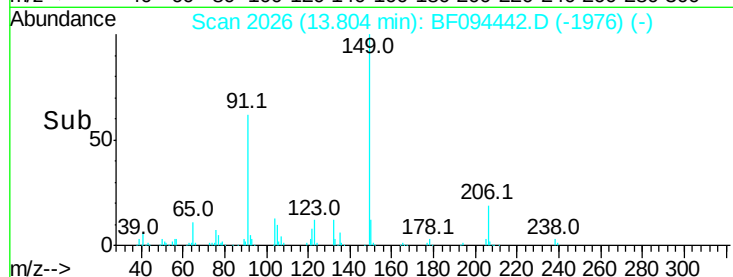
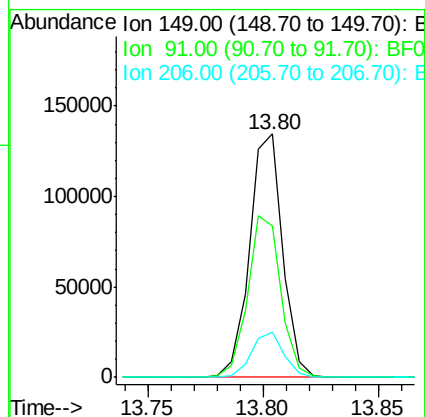
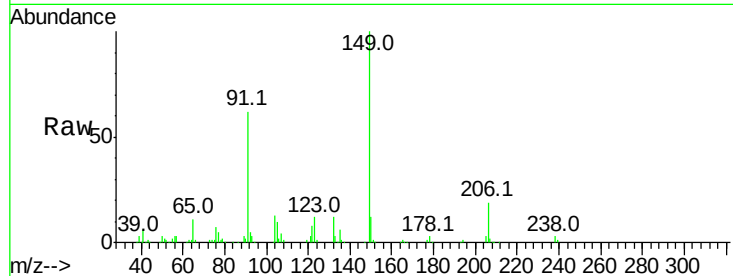




#79
Butylbenzylphthalate
Concen: 9.98 ng
RT: 13.80 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

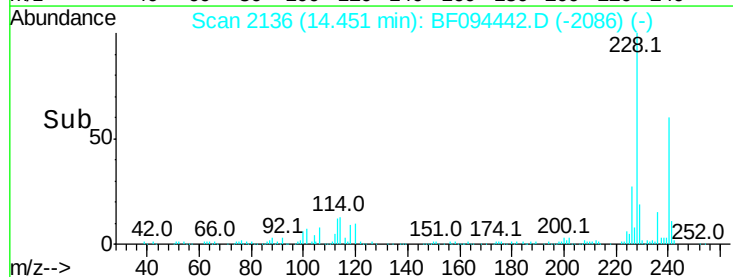
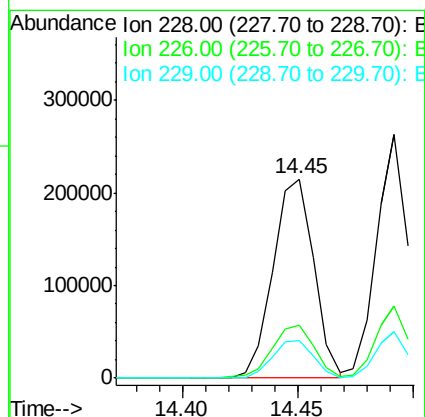
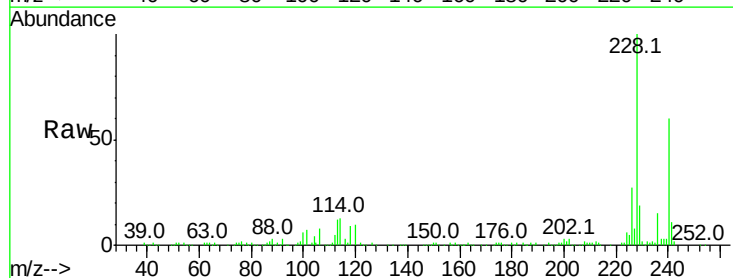
Instrument :
BNA_F
ClientSampleId :

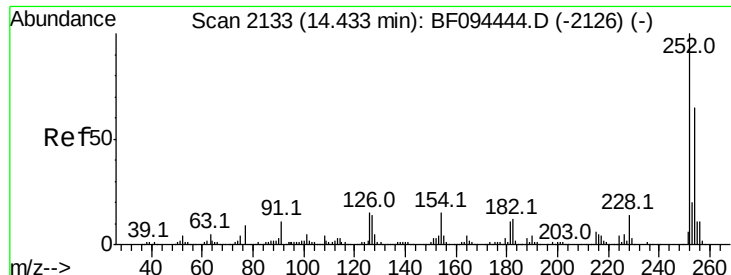
Tot Ion	Ratio	Lower	Upper
149	100		
91	62.4	45.0	67.4
206	18.6	17.0	25.6



#80
Benzo(a)anthracene
Concen: 10.37 ng
RT: 14.45 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	18.8	16.3	24.5

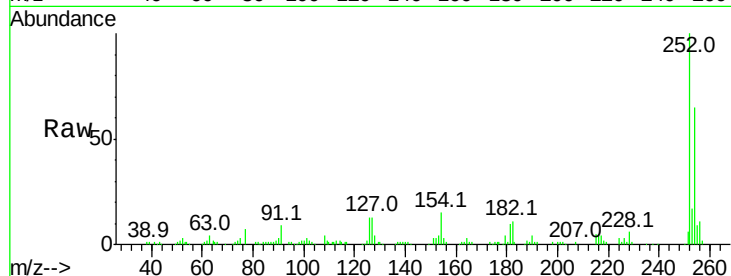




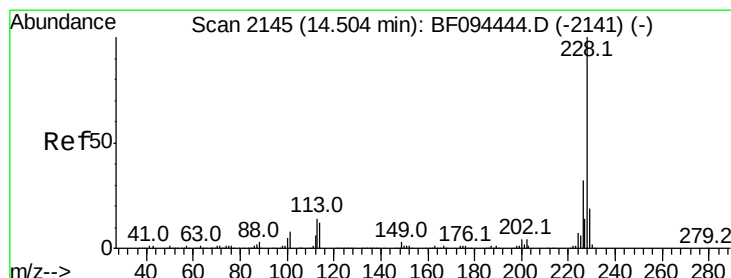
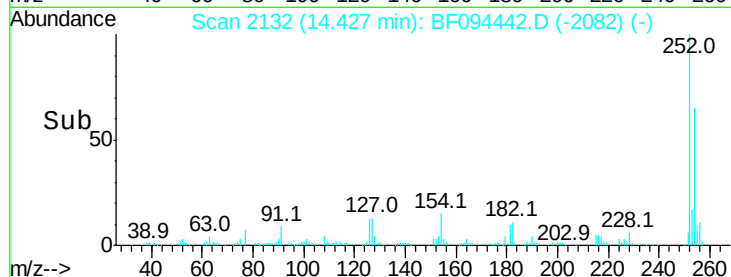
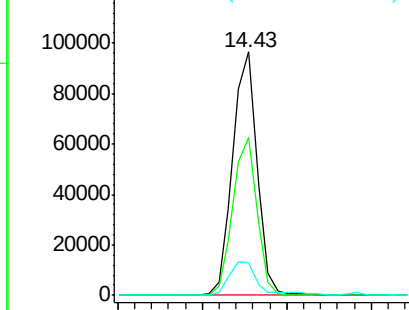
#81
 3,3'-Dichlorobenzidine
 Concen: 10.66 ng
 RT: 14.43 min Scan# 2132
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.5	77.3
126	13.5	15.8	23.8#

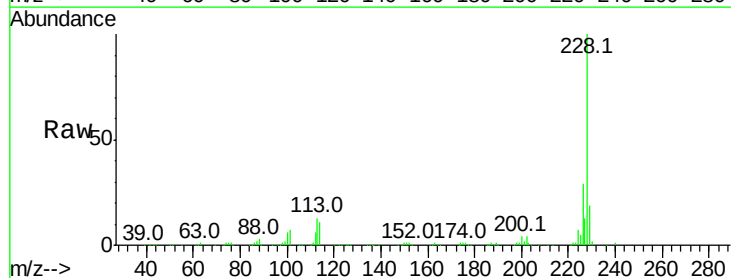


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

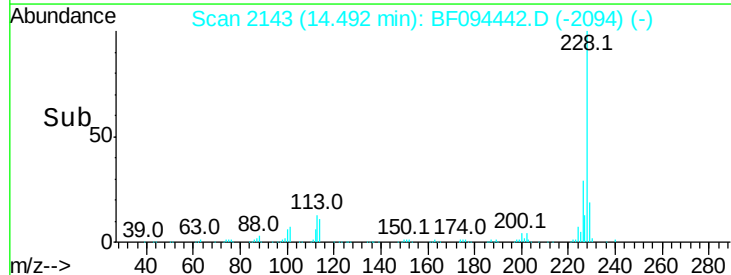
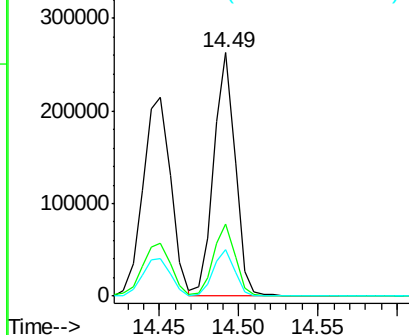


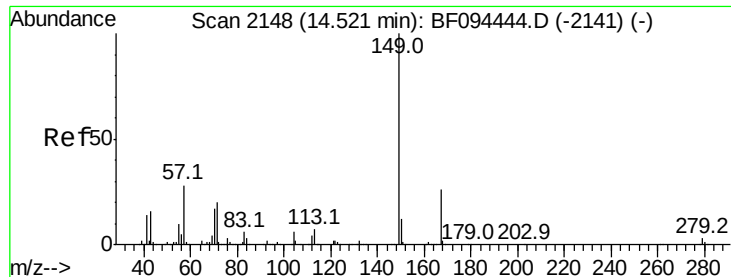
#82
 Chrysene
 Concen: 10.53 ng
 RT: 14.49 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	19.0	15.8	23.6



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

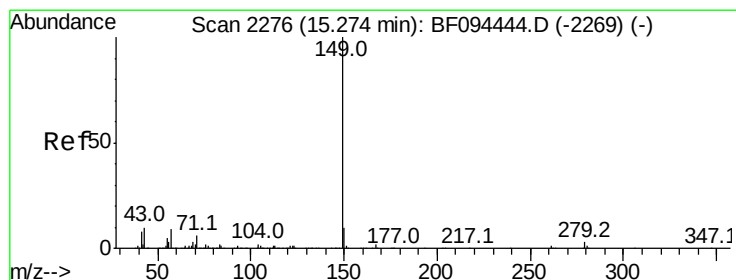
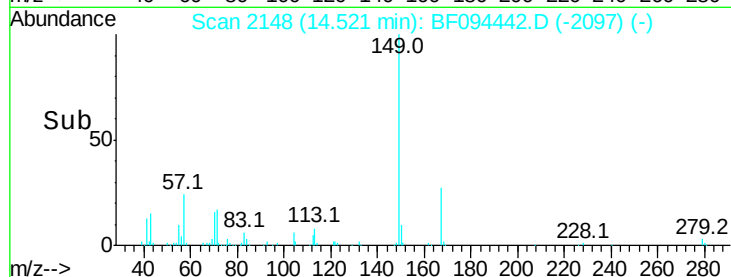
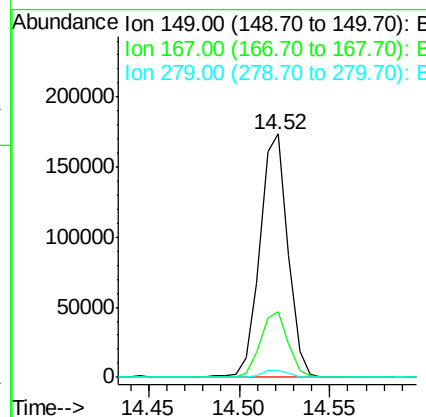
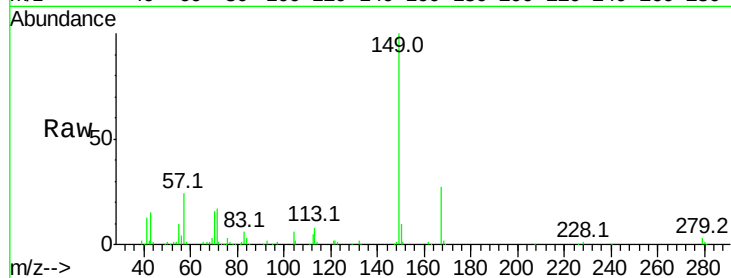




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 10.13 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

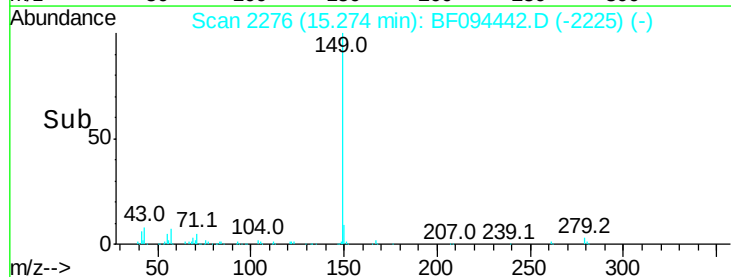
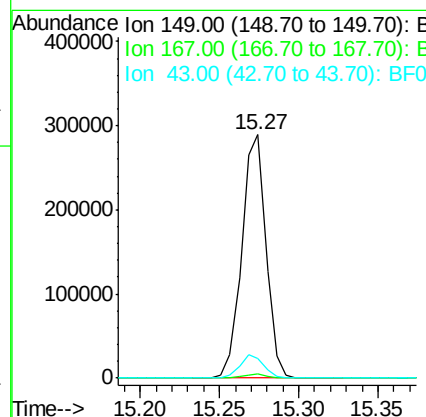
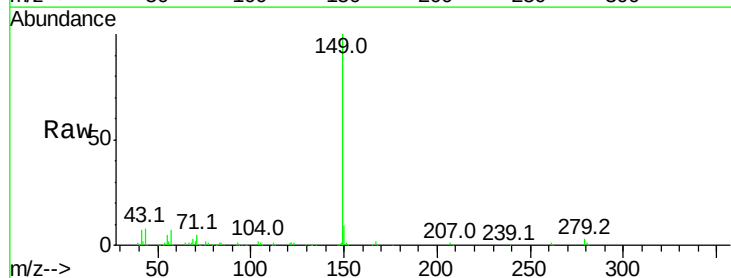
Instrument :
 BNA_F
 ClientSampleId :

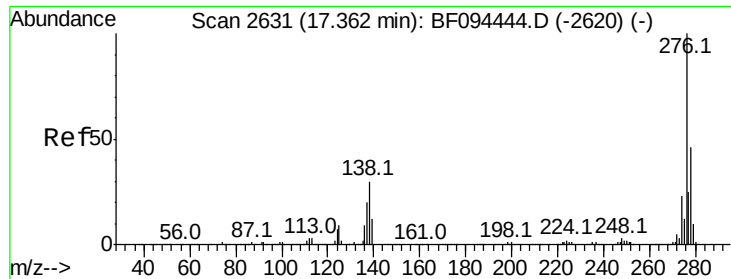
Tot Ion:149 Resp: 186282
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.0 31.4
 279 2.8 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 9.95 ng
 RT: 15.27 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Tgt Ion:149 Resp: 305688
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.3 8.5 12.7

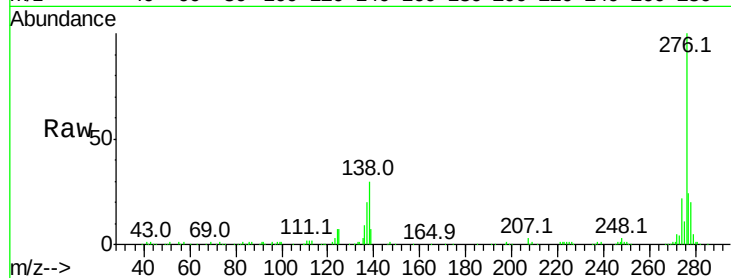




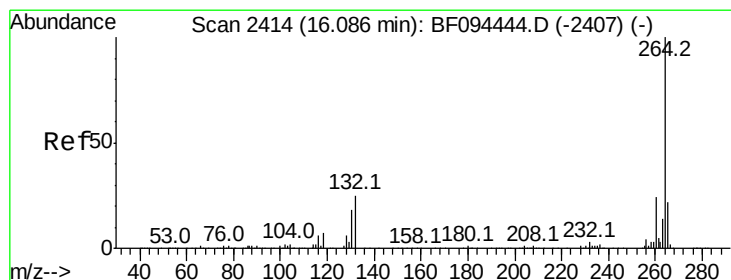
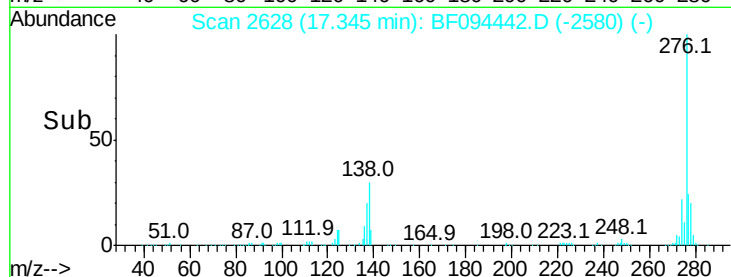
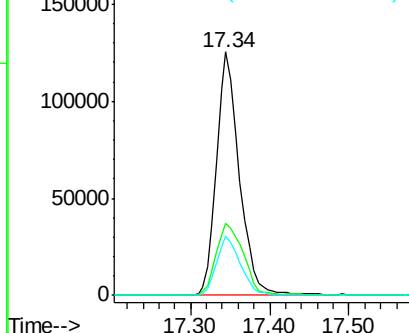
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 12.25 ng
 RT: 17.34 min Scan# 2628
 Delta R.T. -0.02 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.4	27.8	41.6
277	25.2	20.2	30.4

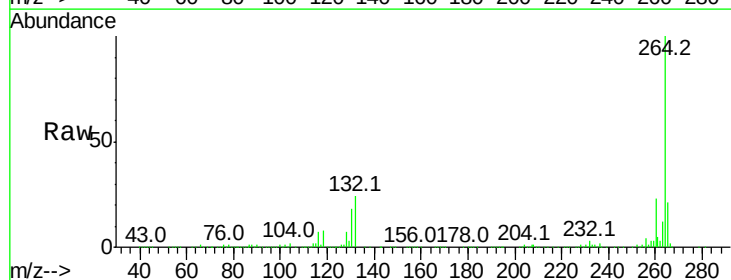


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

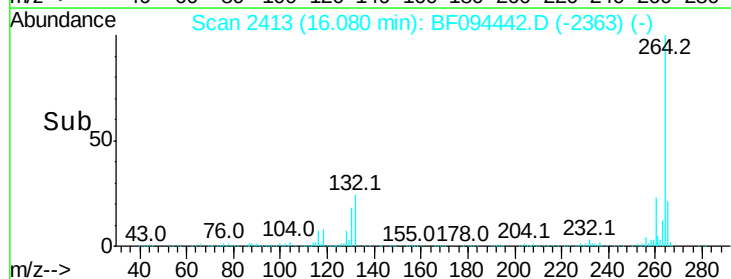
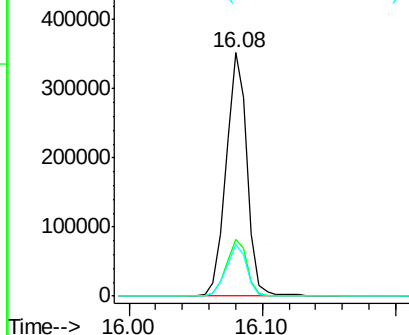


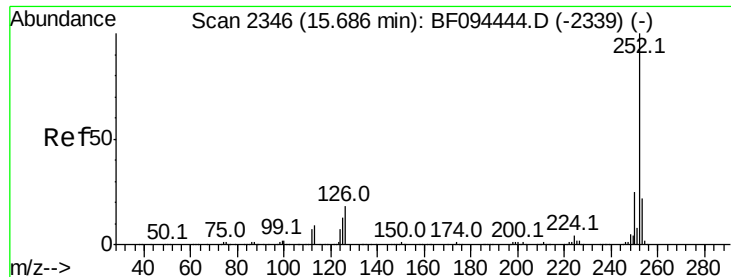
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.4	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 10.46 ng

RT: 15.68 min Scan# 2345

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

Instrument :

BNA_F

ClientSampleId :

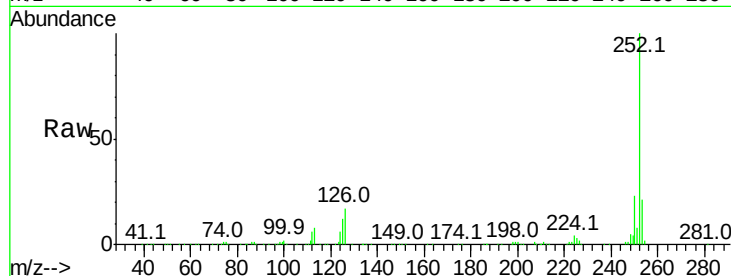
Tot Ion:252 Resp: 249986

Ion Ratio Lower Upper

252 100

253 20.8 18.1 27.1

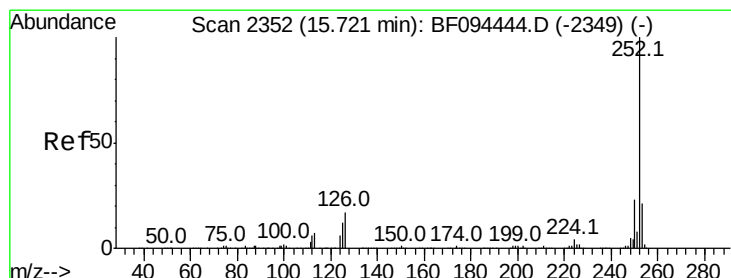
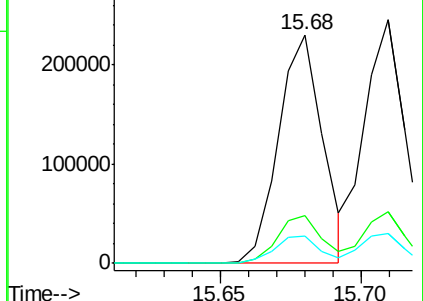
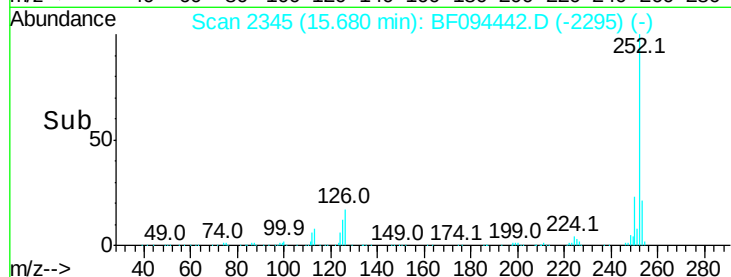
125 12.1 9.8 14.8



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: 10.54 ng

RT: 15.71 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BF094442.D

Acq: 17 Apr 2017 11:49

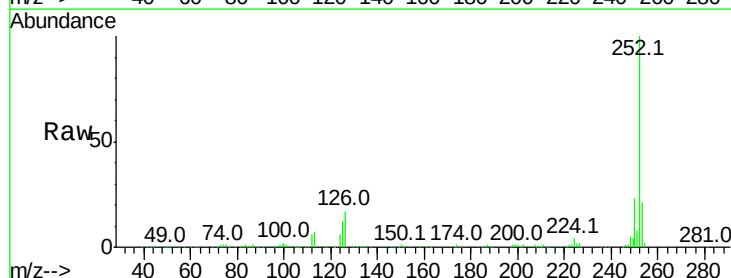
Tgt Ion:252 Resp: 246452

Ion Ratio Lower Upper

252 100

253 21.1 18.4 27.6

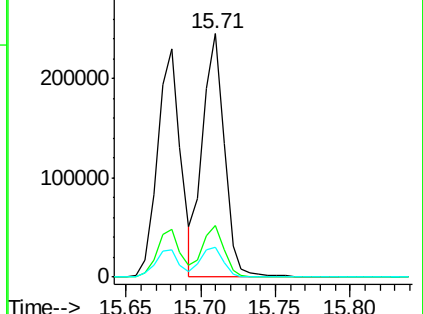
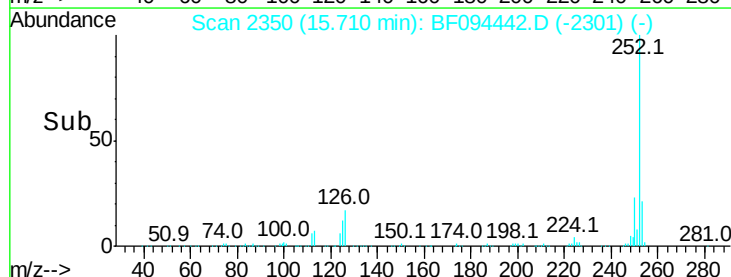
125 12.4 13.1 19.7#

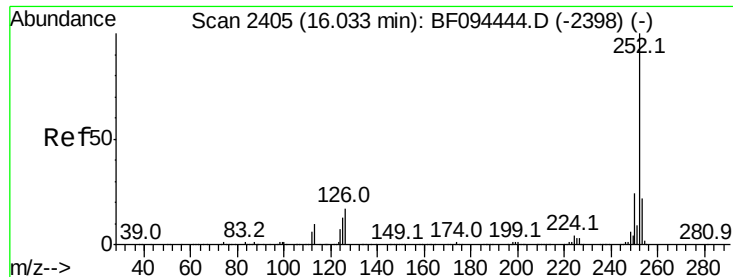


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

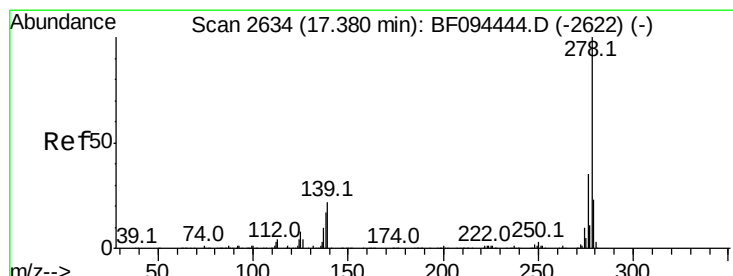
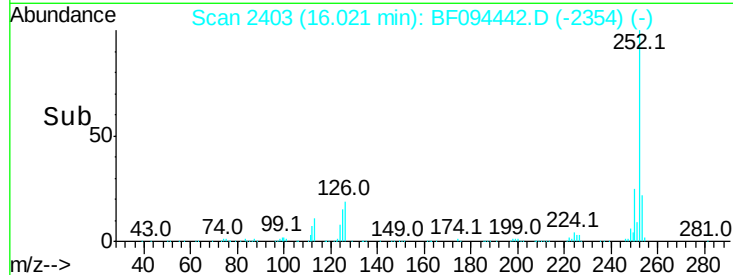
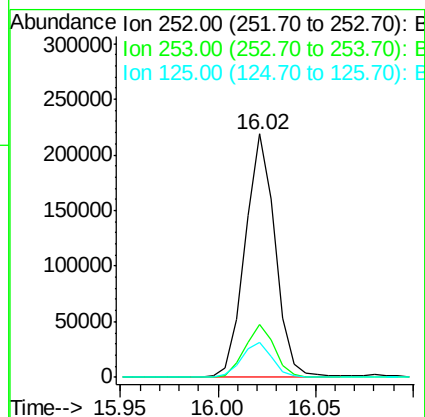
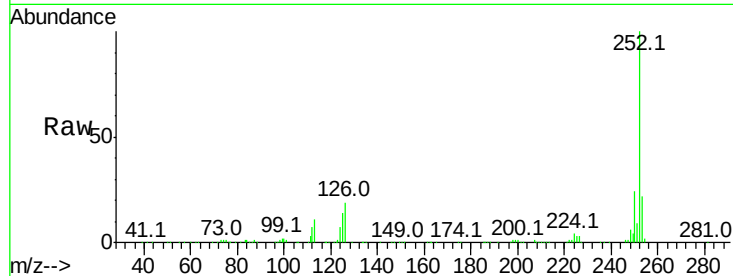




#89
Benzo(a)pyrene
Concen: 10.61 ng
RT: 16.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

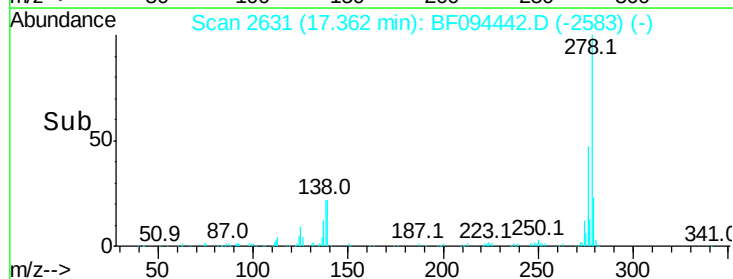
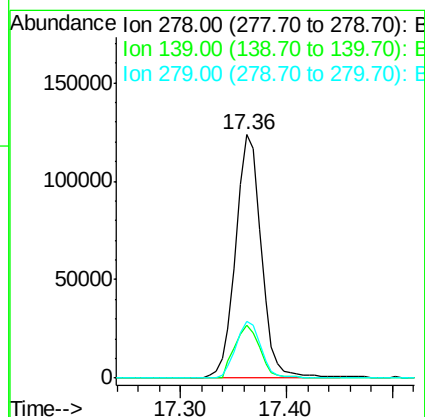
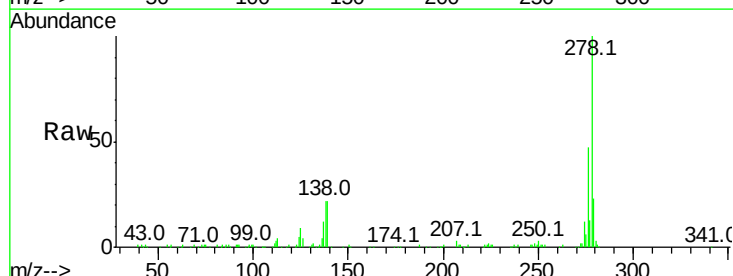
Instrument :
BNA_F
ClientSampled :

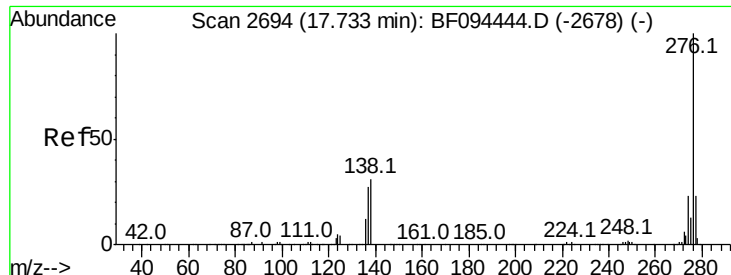
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.5	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 11.15 ng
RT: 17.36 min Scan# 2631
Delta R.T. -0.02 min
Lab File: BF094442.D
Acq: 17 Apr 2017 11:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.6	24.8
279	23.5	19.3	28.9

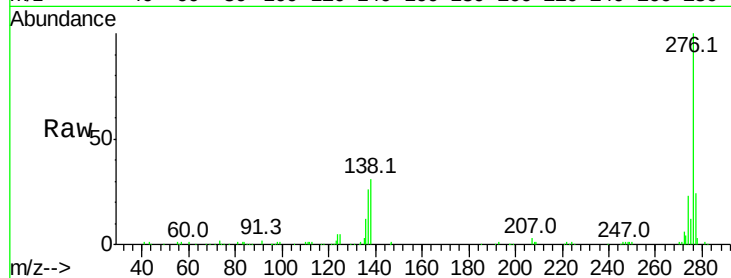




#91
 Benzo(a,h,i)perylene
 Concen: 11.30 ng
 RT: 17.72 min Scan# 2691
 Delta R.T. -0.02 min
 Lab File: BF094442.D
 Acq: 17 Apr 2017 11:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	31.1	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

