

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094645.D
 Acq On : 26 Apr 2017 14:31
 Operator : SJ/MA
 Sample : I2805-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 27 01:21:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	124736	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	526064	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	247090	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	463441	20.00	ng	-0.02
75) Chrysene-d12	14.46	240	385165	20.00	ng	0.00
86) Perylene-d12	16.08	264	245885	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	702460	93.43	ng	0.00
7) Phenol-d6	5.38	99	852239	96.15	ng	0.00
23) Nitrobenzene-d5	6.41	82	577527	67.79	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	223055	115.41	ng	-0.01
44) 2-Fluorobiphenyl	8.57	172	1144071	68.13	ng	-0.01
78) Terphenyl-d14	13.18	244	1157416	80.32	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.17	88	92397	21.13	ng	96
3) Pyridine	2.66	79	246460	25.79	ng	98
4) n-Nitrosodimethylamine	2.60	42	118696	30.02	ng	85
6) Aniline	5.39	93	106324	9.03	ng	# 21
8) 2-Chlorophenol	5.53	128	283498	33.14	ng	93
9) Benzaldehyde	5.25	77	70110	10.40	ng	98
10) Phenol	5.40	94	314309	28.87	ng	90
11) bis(2-Chloroethyl)ether	5.47	93	262056	32.94	ng	98
12) 1,3-Dichlorobenzene	5.69	146	286411	30.22	ng	98
13) 1,4-Dichlorobenzene	5.78	146	293002	30.72	ng	97
14) 1,2-Dichlorobenzene	5.95	146	276954	31.53	ng	98
15) Benzyl Alcohol	5.94	79	199873	30.40	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.08	45	353115	33.86	ng	# 35
17) 2-Methylphenol	6.08	107	227577	33.77	ng	93
18) Hexachloroethane	6.34	117	101190	30.95	ng	# 87
19) n-Nitroso-di-n-propylamine	6.24	70	212336	36.16	ng	98
20) 3+4-Methylphenols	6.26	107	314954	34.40	ng	# 61
22) Acetophenone	6.23	105	414726	32.42	ng	# 85
24) Nitrobenzene	6.42	77	288988	32.21	ng	98
25) Isophorone	6.72	82	542373	34.34	ng	# 93
26) 2-Nitrophenol	6.80	139	158714	32.93	ng	97
27) 2,4-Dimethylphenol	6.88	122	263066	33.60	ng	98
28) bis(2-Chloroethoxy)methane	6.98	93	337140	33.00	ng	100
29) 2,4-Dichlorophenol	7.10	162	256190	35.17	ng	97
30) 1,2,4-Trichlorobenzene	7.18	180	239549	31.81	ng	98
31) Naphthalene	7.28	128	825062	32.62	ng	99
32) Benzoic acid	7.06	122	107460	25.96	ng	97
33) 4-Chloroaniline	7.36	127	52180	4.96	ng	# 93
34) Hexachlorobutadiene	7.43	225	118139	31.47	ng	95
35) Caprolactam	7.82	113	32570	14.23	ng	95
36) 4-Chloro-3-methylphenol	7.98	107	263422	34.51	ng	92
37) 2-Methylnaphthalene	8.11	142	595620	34.42	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	229554	32.63	ng	99
40) Hexachlorocyclopentadiene	8.31	237	199336	70.03	ng	99

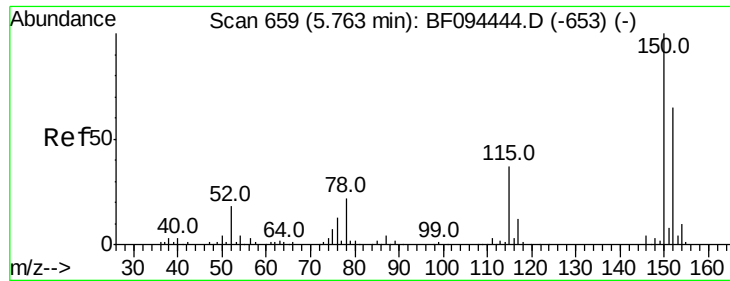
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
 Data File : BF094645.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	164881	33.37	nq	95
43) 2,4,5-Trichlorophenol	8.54	196	177109	34.90	nq	93
45) 1,1'-Biphenyl	8.69	154	680175	33.69	nq	98
46) 2-Chloronaphthalene	8.71	162	540730	33.69	nq	95
47) 2-Nitroaniline	8.85	65	155103	33.59	nq	# 80
48) Acenaphthylene	9.21	152	810549	32.39	nq	99
49) Dimethylphthalate	9.08	163	686086	37.26	nq	99
50) 2,6-Dinitrotoluene	9.15	165	150385	36.38	nq	98
51) Acenaphthene	9.42	154	500203	33.37	nq	99
52) 3-Nitroaniline	9.35	138	34260	7.16	nq	90
53) 2,4-Dinitrophenol	9.50	184	121607	56.08	nq	# 63
54) Dibenzofuran	9.64	168	759517	34.87	nq	97
55) 4-Nitrophenol	9.64	139	480907	142.35	nq	# 34
56) 2,4-Dinitrotoluene	9.65	165	200965	39.63	nq	# 86
57) Fluorene	10.06	166	586957	34.60	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.81	232	137386	37.77	nq	94
59) Diethylphthalate	9.95	149	662600	38.14	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	260038	36.83	nq	91
61) 4-Nitroaniline	10.11	138	105079	21.62	nq	96
62) Azobenzene	10.26	77	595551	35.30	nq	95
64) 4,6-Dinitro-2-methylphenol	10.15	198	96673	31.84	nq	# 68
65) n-Nitrosodiphenylamine	10.22	169	371833	23.07	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	161180	35.03	nq	96
67) Hexachlorobenzene	10.74	284	159984	34.50	nq	# 89
68) Atrazine	10.90	200	84295	17.48	nq	98
69) Pentachlorophenol	11.00	266	150823	81.90	nq	100
70) Phenanthrene	11.24	178	888583	34.05	nq	98
71) Anthracene	11.30	178	923834	34.22	nq	98
72) Carbazole	11.51	167	560406	22.12	nq	96
73) Di-n-butylphthalate	11.95	149	1040555	37.30	nq	99
74) Fluoranthene	12.69	202	925954	34.23	nq	99
77) Pyrene	12.97	202	919753	34.18	nq	99
79) Butylbenzylphthalate	13.79	149	457310	38.78	nq	# 87
80) Benzo(a)anthracene	14.45	228	769984	34.39	nq	98
82) Chrysene	14.49	228	711682	34.78	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	668679	42.23	nq	# 99
84) Di-n-octyl phthalate	15.27	149	1100519	41.43	nq	97
85) Indeno(1,2,3-cd)pyrene	17.36	276	539186	27.70	nq	99
87) Benzo(b)fluoranthene	15.68	252	663463	44.11	nq	98
88) Benzo(k)fluoranthene	15.71	252	655878	46.08	nq	97
89) Benzo(a)pyrene	16.03	252	585090	41.81	nq	99
90) Dibenzo(a,h)anthracene	17.38	278	455953	39.24	nq	98
91) Benzo(g,h,i)perylene	17.74	276	443185	37.46	nq	97

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

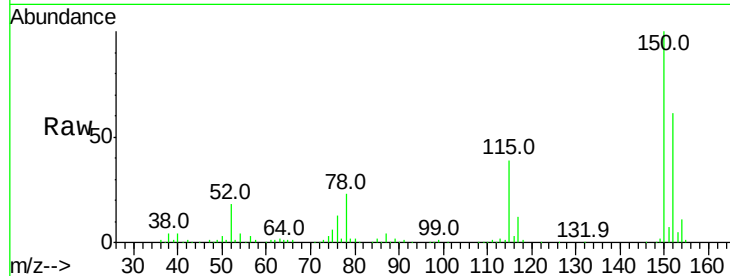


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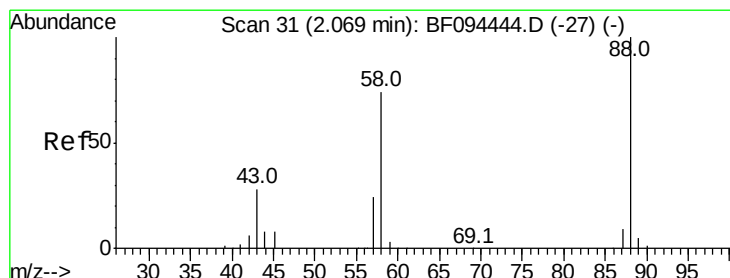
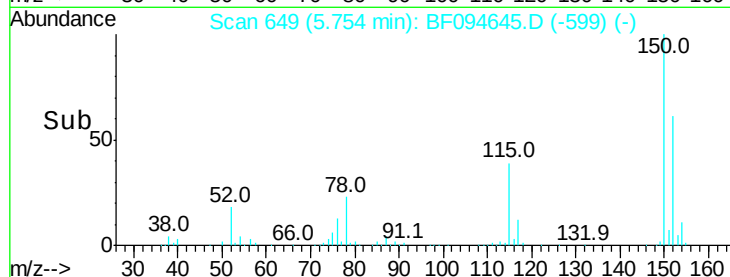
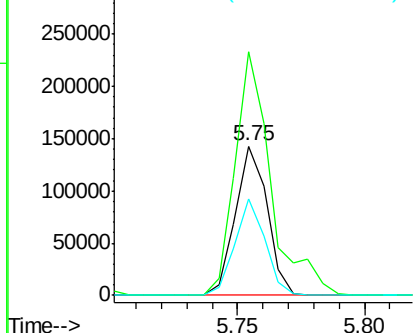
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124736
Ion Ratio Lower Upper
152 100
150 163.5 126.2 189.2
115 64.3 52.2 78.2



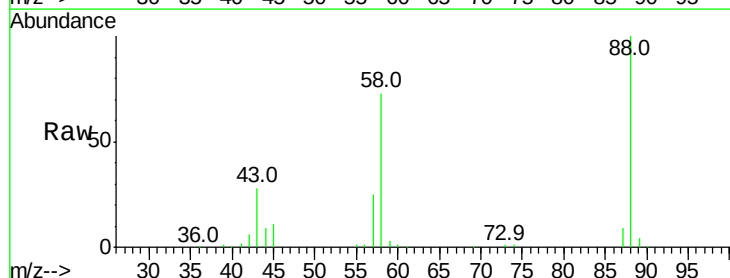
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



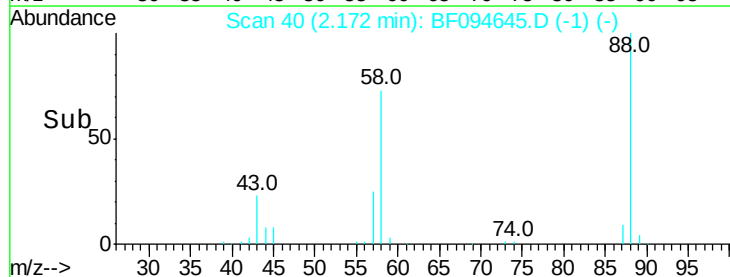
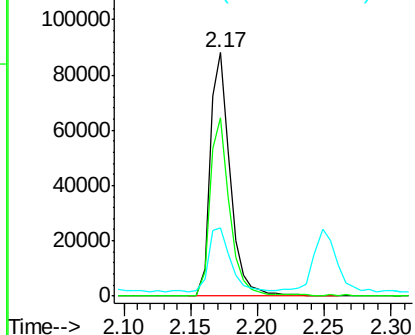
#2

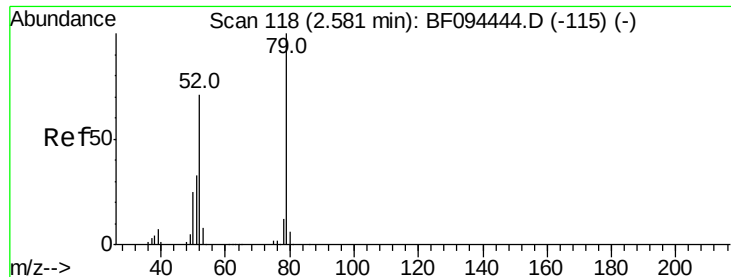
1,4-Dioxane
Concen: 21.13 ng
RT: 2.17 min Scan# 40
Delta R.T. 0.10 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

Tgt Ion: 88 Resp: 92397
Ion Ratio Lower Upper
88 100
58 73.1 61.4 92.0
43 28.1 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 25.79 ng

RT: 2.66 min Scan# 123

Delta R.T. 0.08 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampleId :

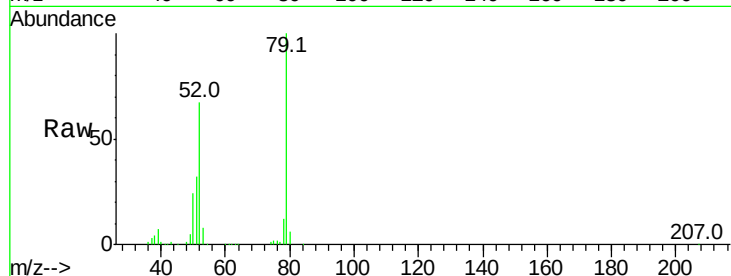
Tot Ion: 79 Resp: 246460

Ion Ratio Lower Upper

79 100

52 67.0 54.8 82.2

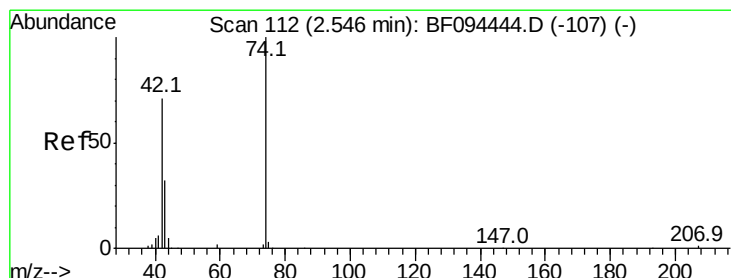
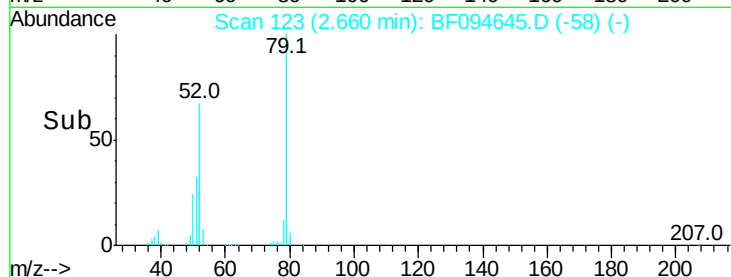
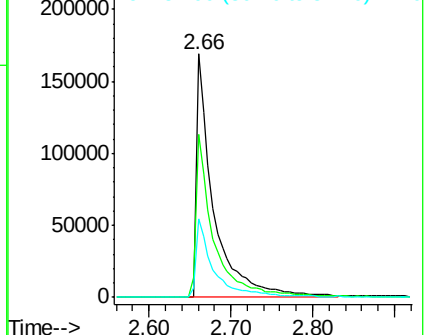
51 32.4 27.0 40.4



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: 30.02 ng

RT: 2.60 min Scan# 113

Delta R.T. 0.06 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

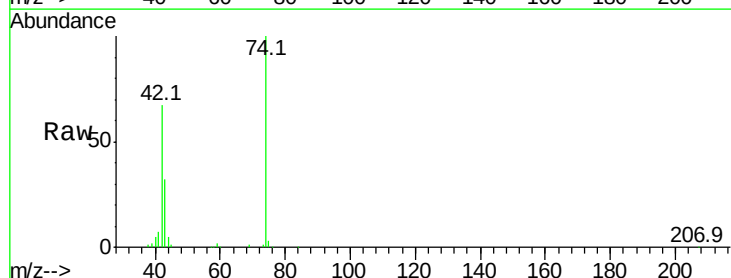
Tgt Ion: 42 Resp: 118696

Ion Ratio Lower Upper

42 100

74 148.4 103.9 155.9

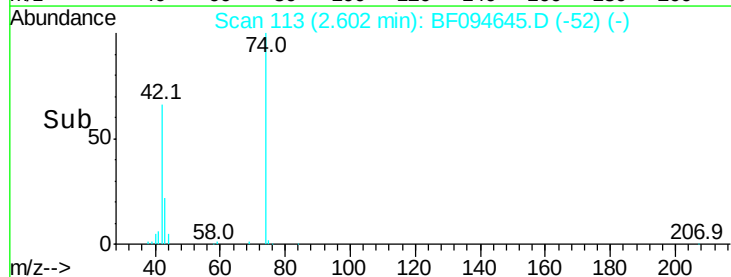
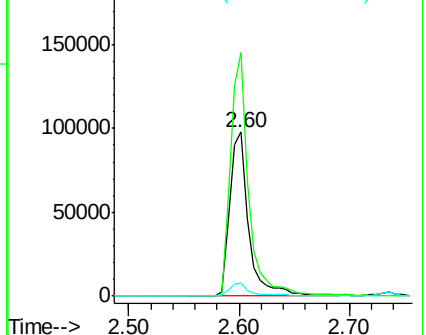
44 7.7 5.7 8.5

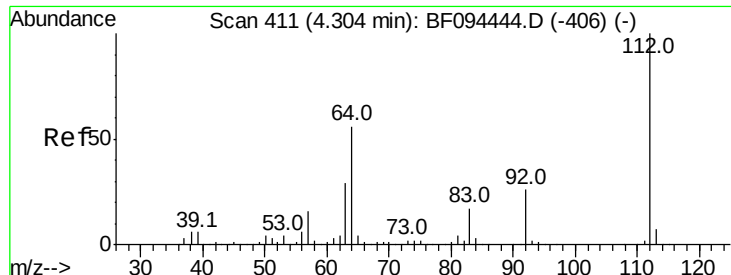


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 93.43 ng

RT: 4.31 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampleId :

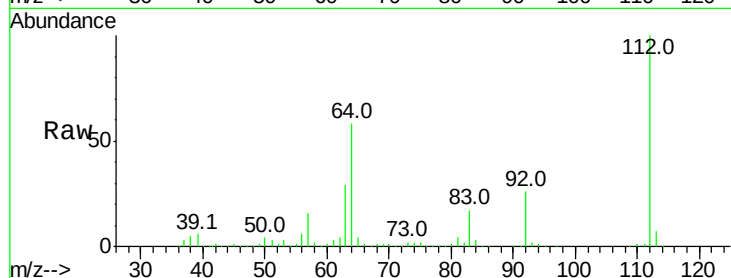
Tot Ion:112 Resp: 702460

Ion Ratio Lower Upper

112 100

64 57.6 46.0 69.0

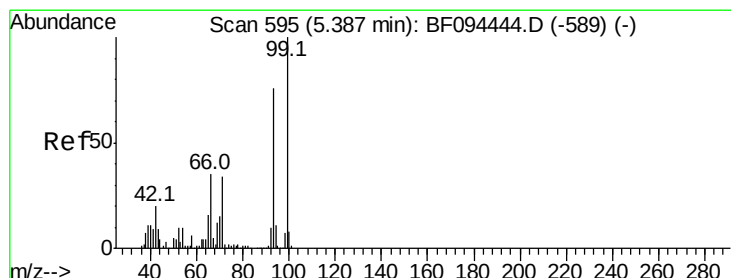
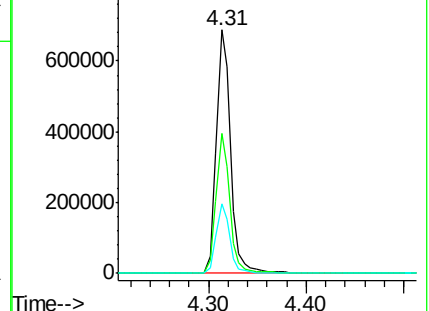
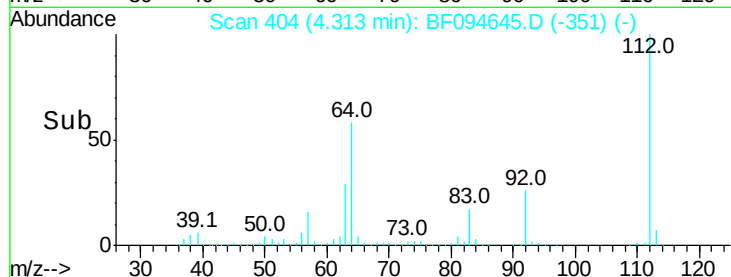
63 28.7 23.4 35.0



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: 9.03 ng

RT: 5.39 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

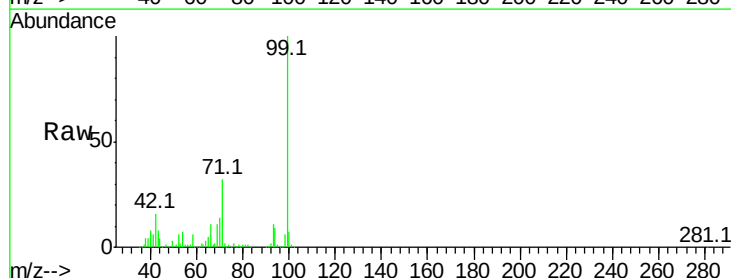
Tgt Ion: 93 Resp: 106324

Ion Ratio Lower Upper

93 100

66 98.8 32.9 49.3#

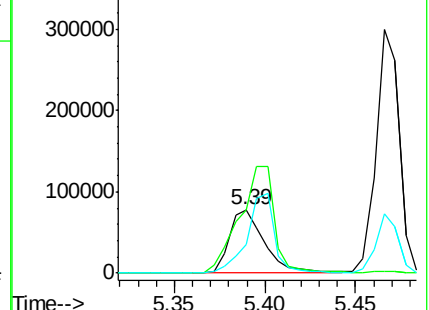
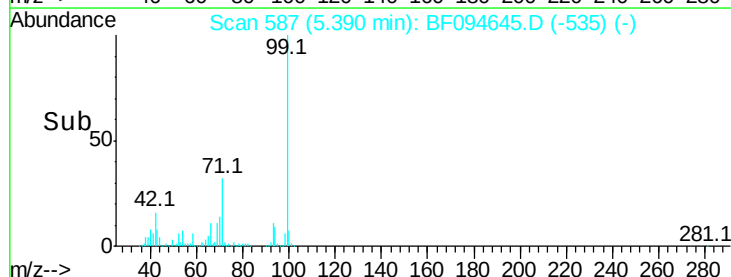
65 44.3 16.0 24.0#

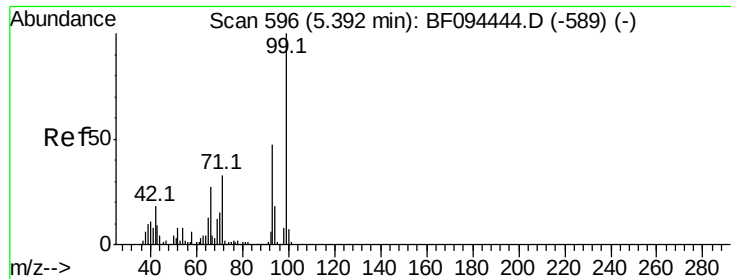


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 96.15 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampled :

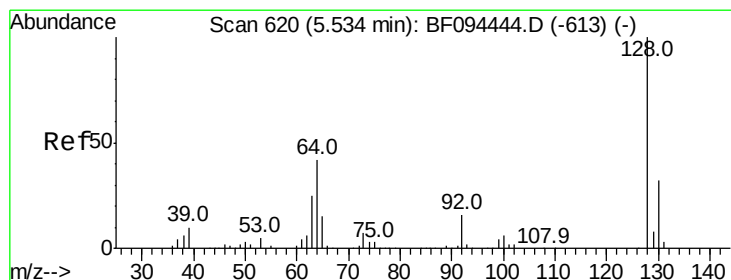
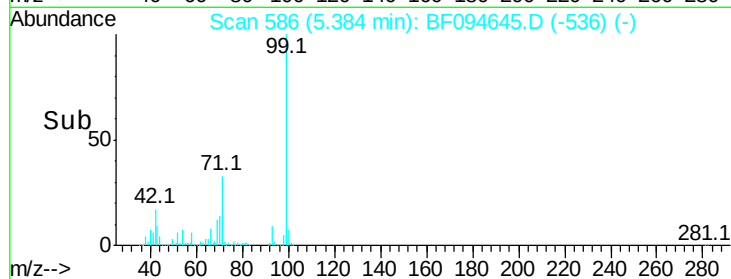
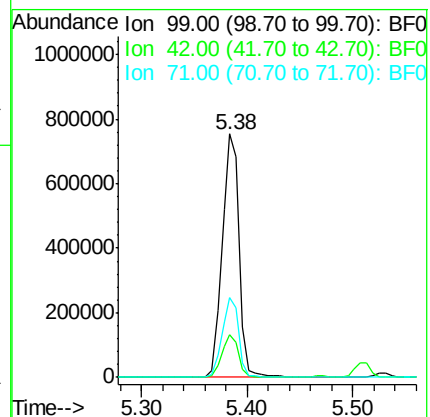
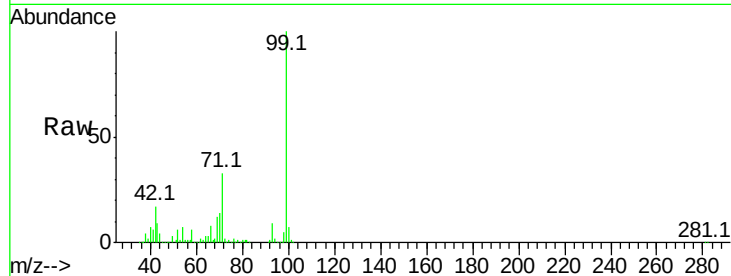
Tot Ion: 99 Resp: 852239

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

71 32.6 24.5 36.7



#8

2-Chlorophenol

Concen: 33.14 ng

RT: 5.53 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

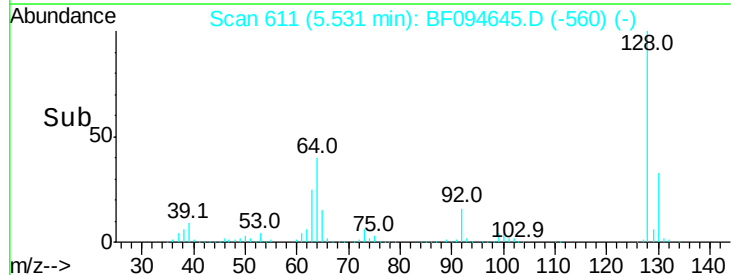
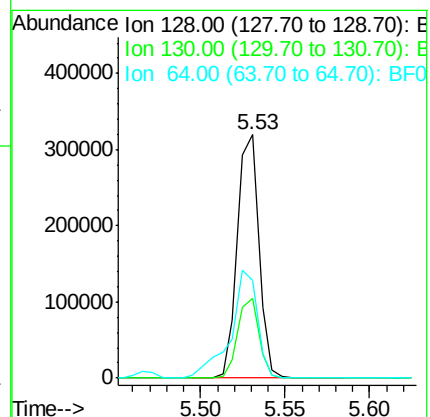
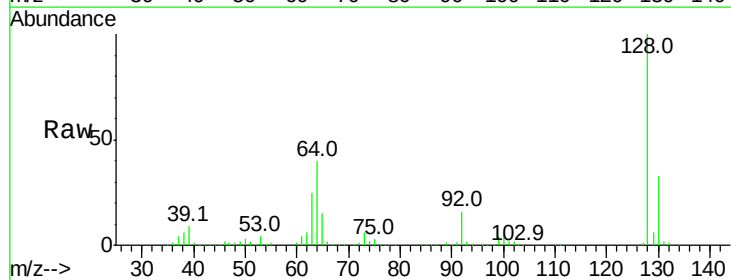
Tgt Ion: 128 Resp: 283498

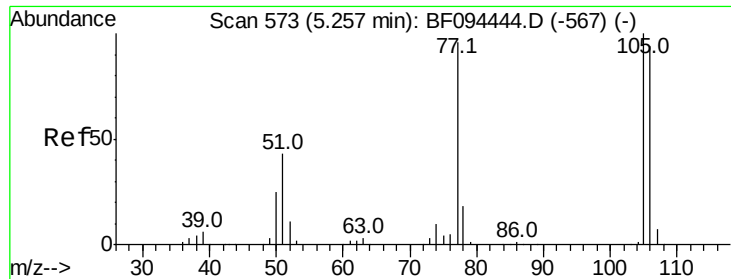
Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

64 40.2 28.4 68.4





#9

Benzaldehyde

Concen: 10.40 ng

RT: 5.25 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampled :

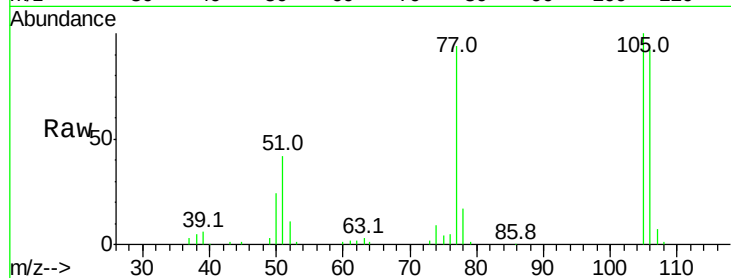
Tot Ion: 77 Resp: 70110

Ion Ratio Lower Upper

77 100

105 106.8 83.8 123.8

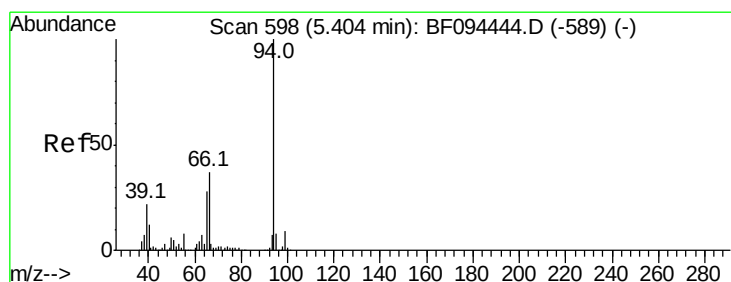
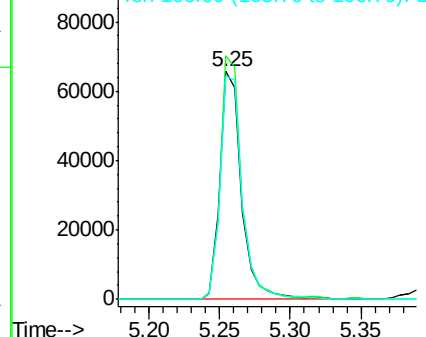
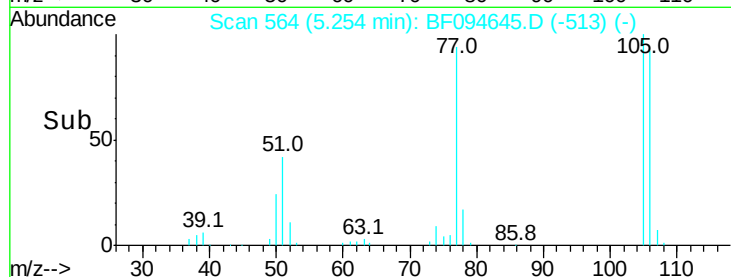
106 97.9 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 28.87 ng

RT: 5.40 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

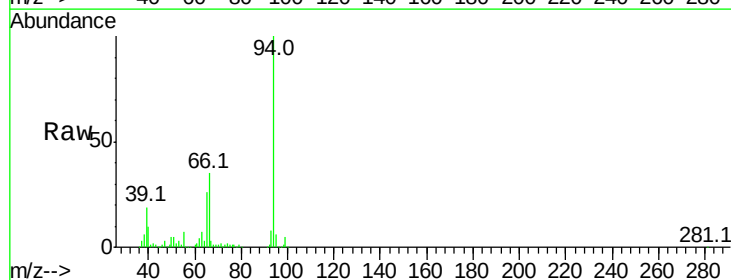
Tgt Ion: 94 Resp: 314309

Ion Ratio Lower Upper

94 100

65 26.2 9.9 49.9

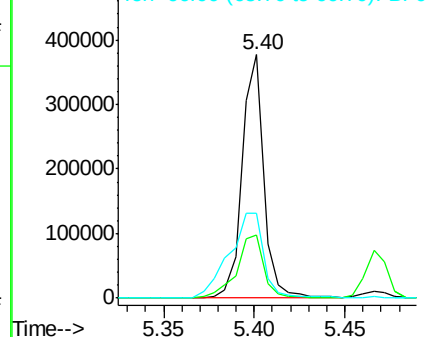
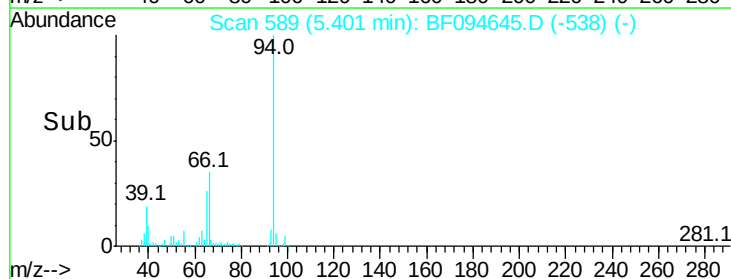
66 34.8 23.1 63.1

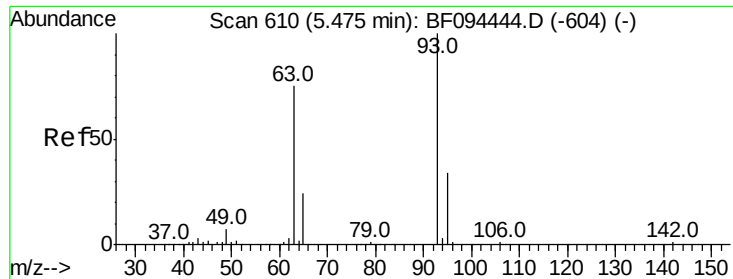


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

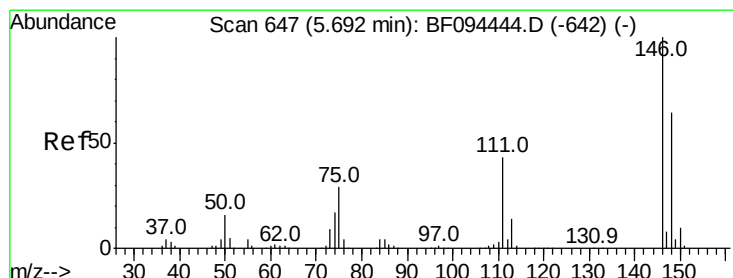
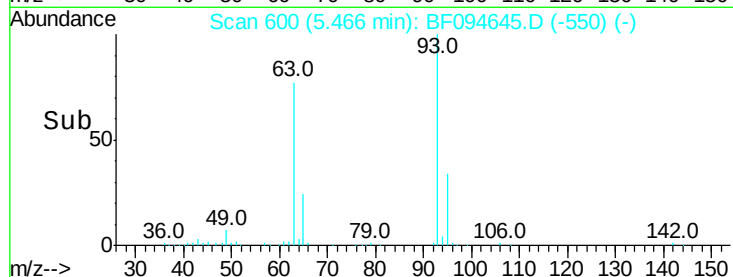
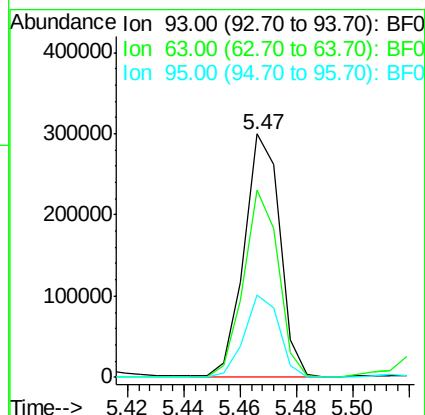
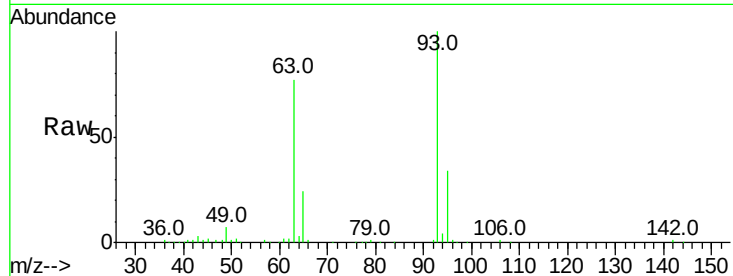




#11
bis(2-Chloroethyl)ether
Concen: 32.94 ng
RT: 5.47 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

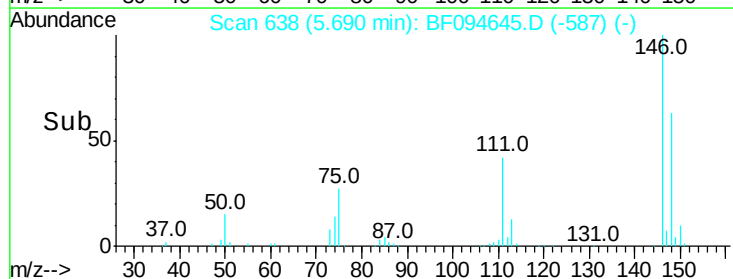
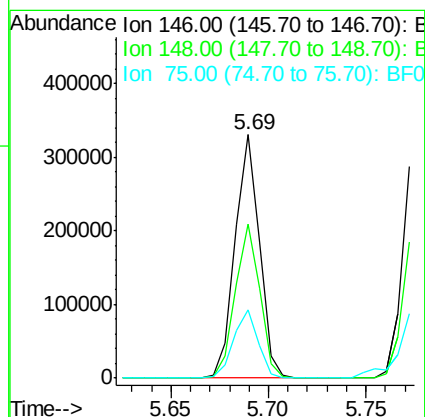
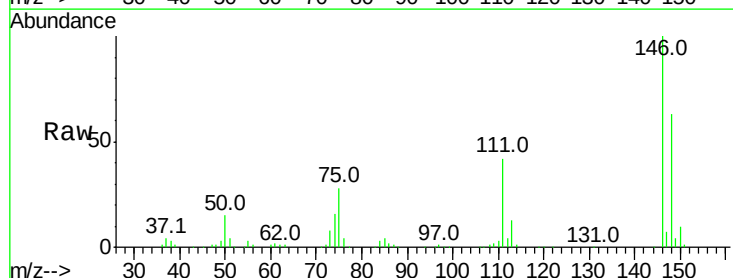
Instrument :
BNA_F
ClientSampleId :

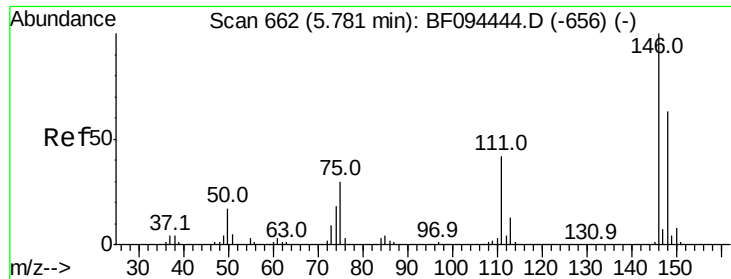
Tot Ion: 93 Resp: 262056
Ion Ratio Lower Upper
93 100
63 77.0 59.2 99.2
95 33.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 30.22 ng
RT: 5.69 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

Tgt Ion: 146 Resp: 286411
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
75 27.9 23.1 34.7

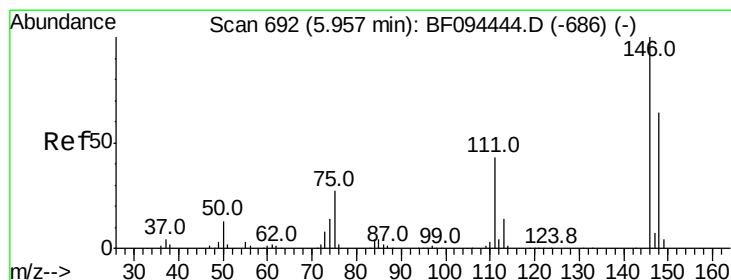
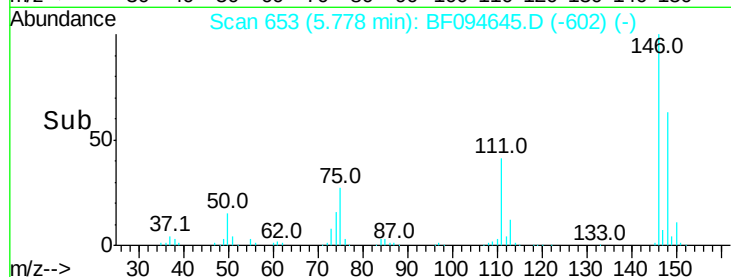
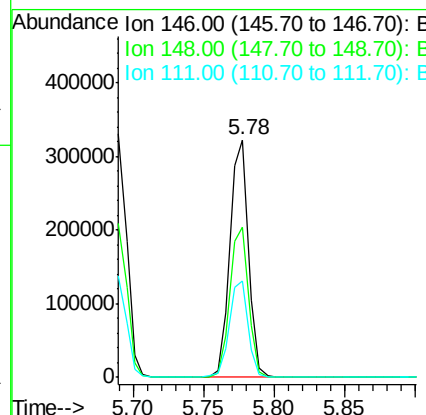
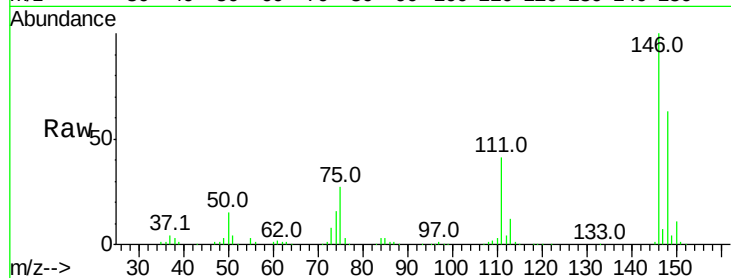




#13
 1,4-Dichlorobenzene
 Concen: 30.72 ng
 RT: 5.78 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

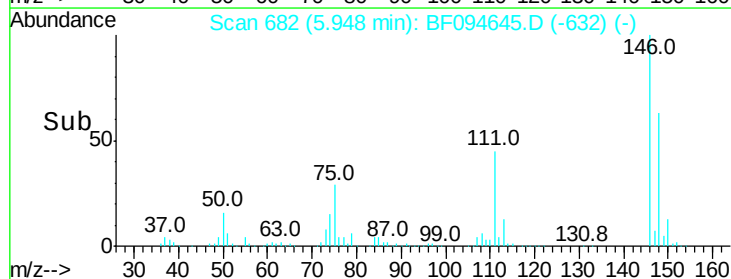
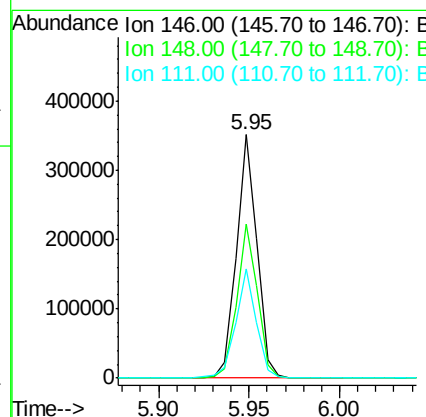
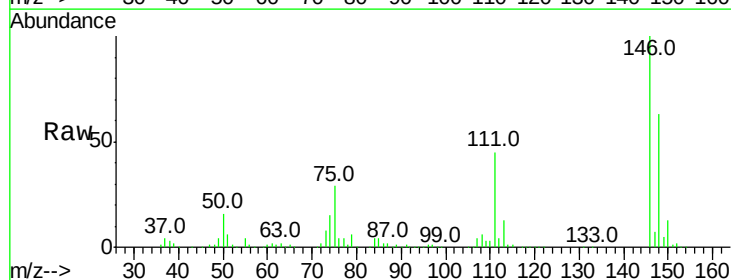
Instrument :
 BNA_F
 ClientSampled :

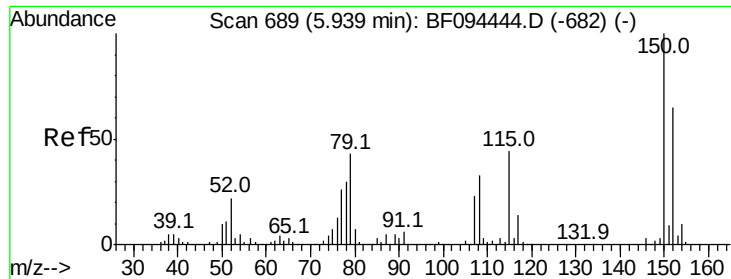
Tot Ion:146 Resp: 293002
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.2 78.2
 111 40.7 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 31.53 ng
 RT: 5.95 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Tgt Ion:146 Resp: 276954
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.4 75.6
 111 44.8 38.2 57.4

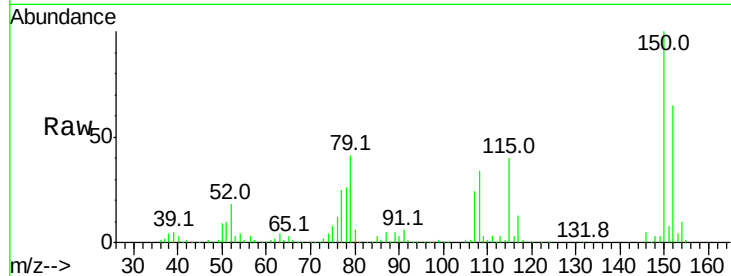




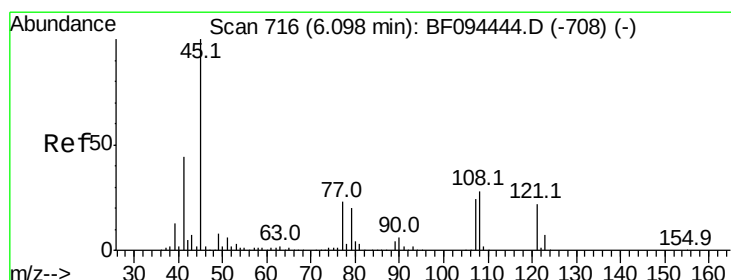
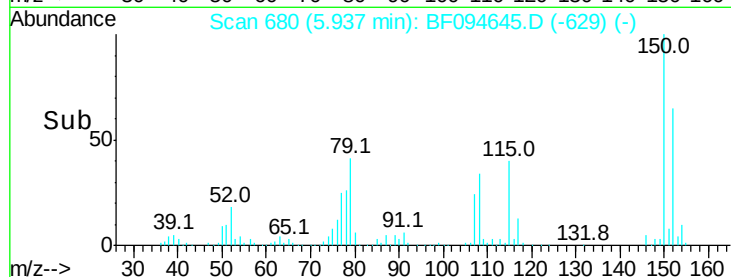
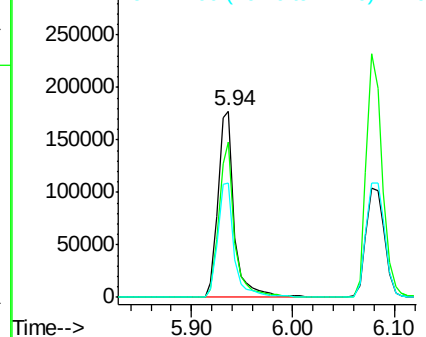
#15
Benzyl Alcohol
Concen: 30.40 ng
RT: 5.94 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 199873
Ion Ratio Lower Upper
79 100
108 83.7 63.4 95.0
77 61.4 49.2 73.8

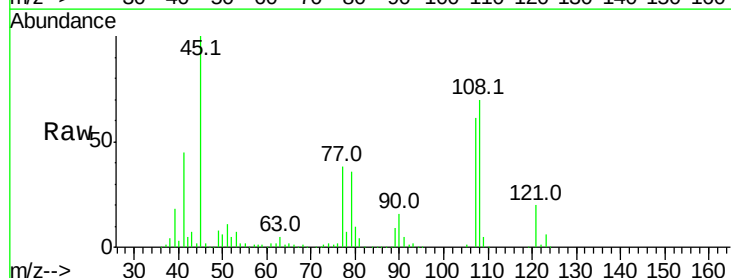


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

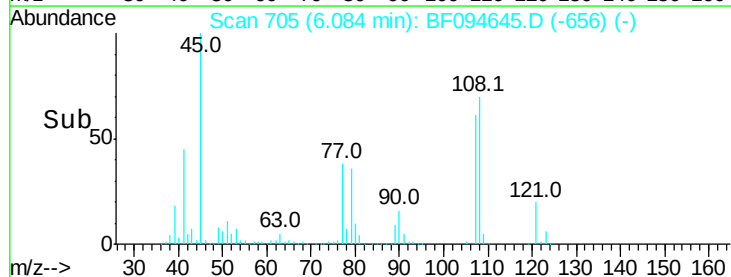
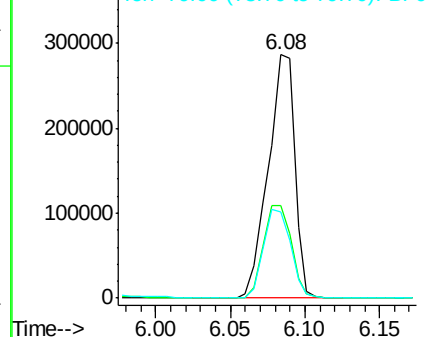


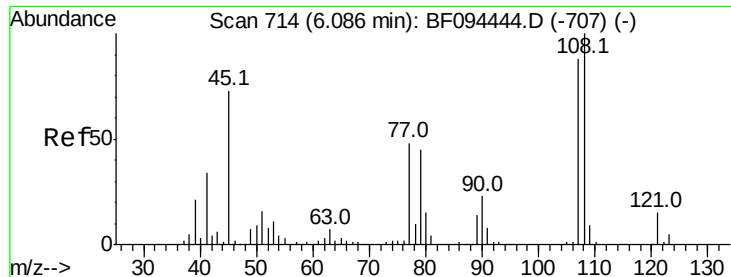
#16
2,2'-oxybis(1-chloropropane)
Concen: 33.86 ng
RT: 6.08 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

Tgt Ion: 45 Resp: 353115
Ion Ratio Lower Upper
45 100
77 37.9 0.0 33.2#
79 35.5 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

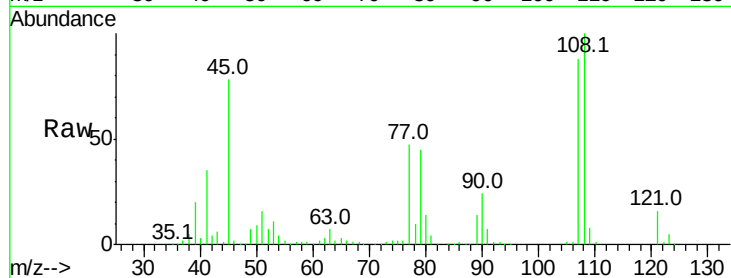




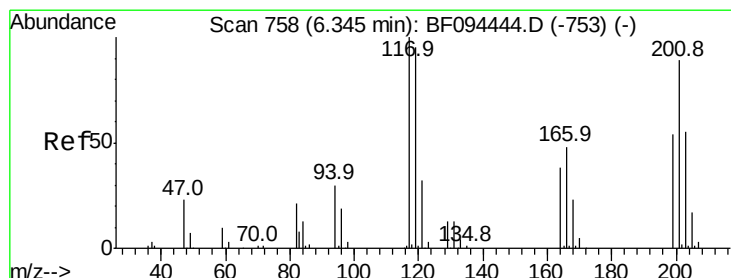
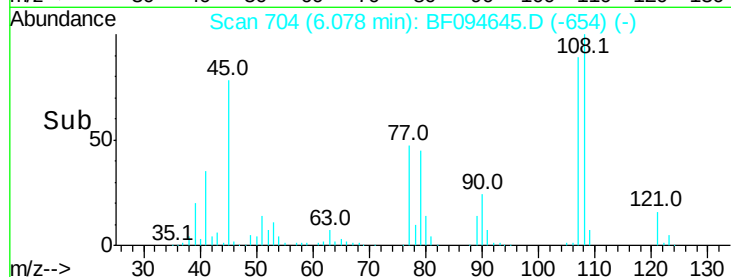
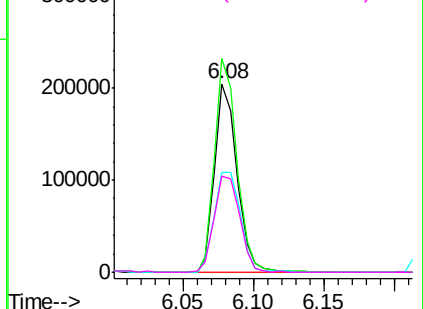
#17
2-Methylphenol
Concen: 33.77 ng
RT: 6.08 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	227577
Ion	Ratio	Lower	Upper
107	100		
108	113.2	93.4	140.0
77	53.3	35.8	53.6
79	50.9	34.8	52.2

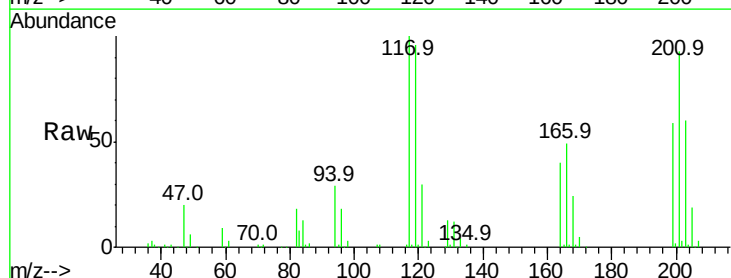


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

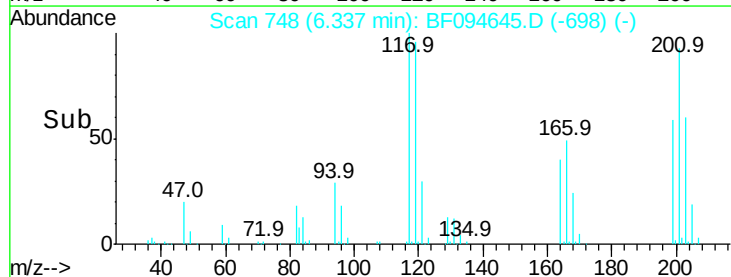
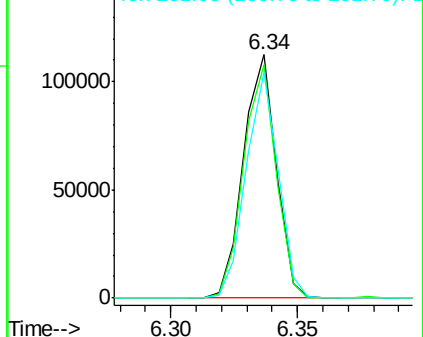


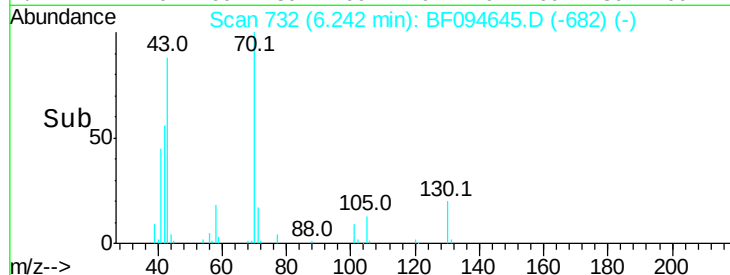
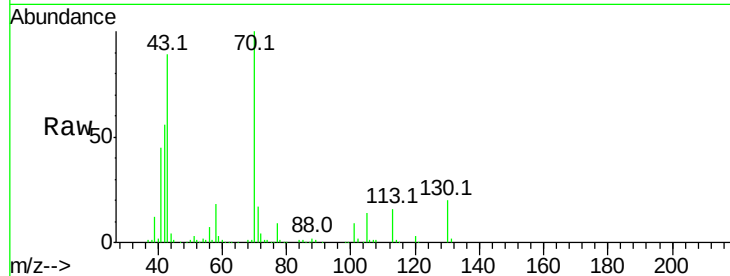
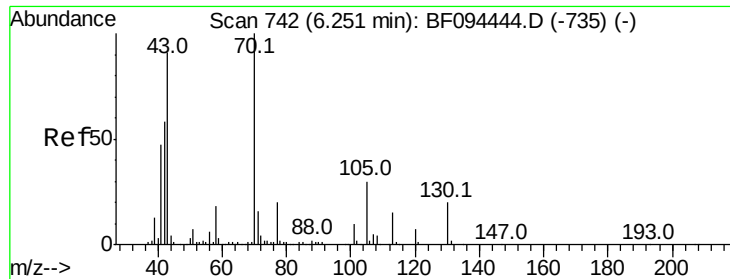
#18
Hexachloroethane
Concen: 30.95 ng
RT: 6.34 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

Tgt Ion:	117	Resp:	101190
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.0
201	92.7	94.6	141.8#



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

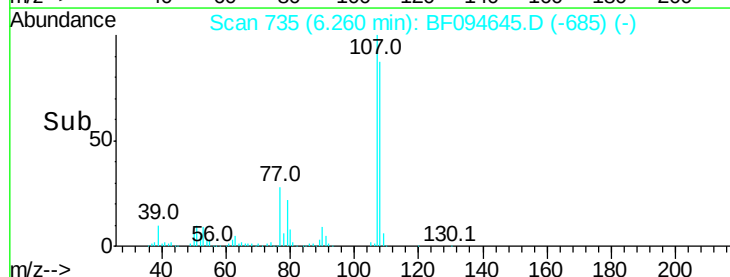
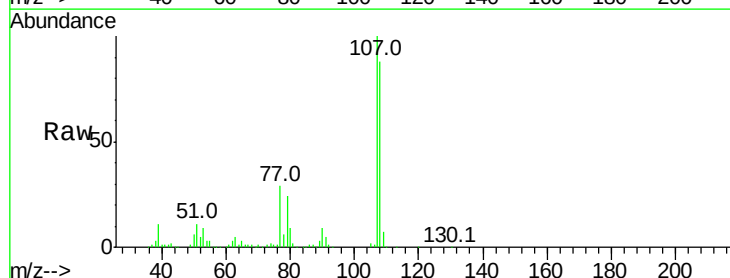
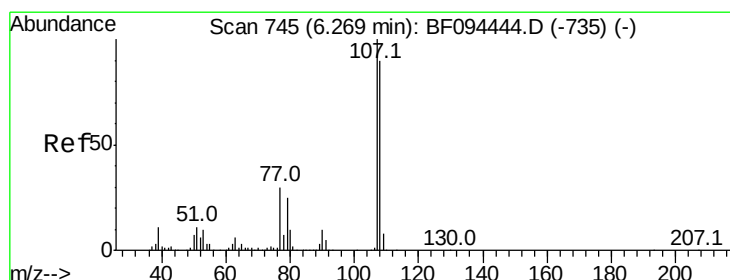
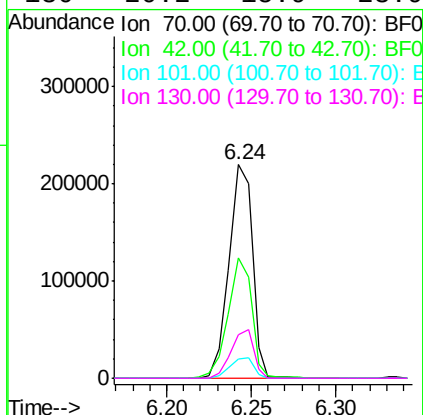




#19
n-Nitroso-di-n-propylamine
Concen: 36.16 ng
RT: 6.24 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

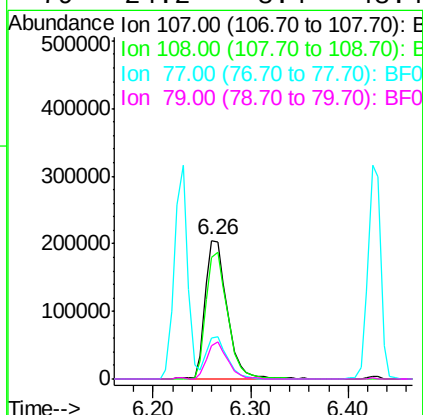
Instrument :
BNA_F
ClientSampleId :

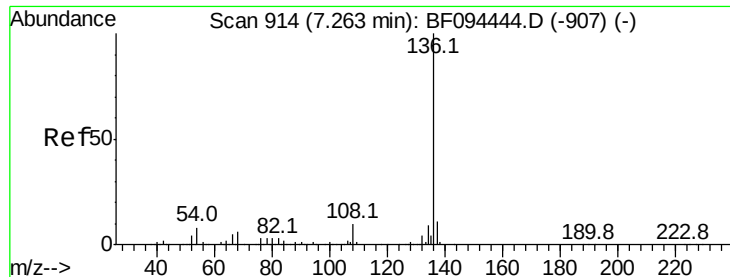
Tot Ion	Ratio	Lower	Upper
70	100		
42	56.4	47.2	70.8
101	8.9	7.2	10.8
130	20.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 34.40 ng
RT: 6.26 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	71.0	111.0
77	29.2	90.5	130.5#
79	24.2	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 526064

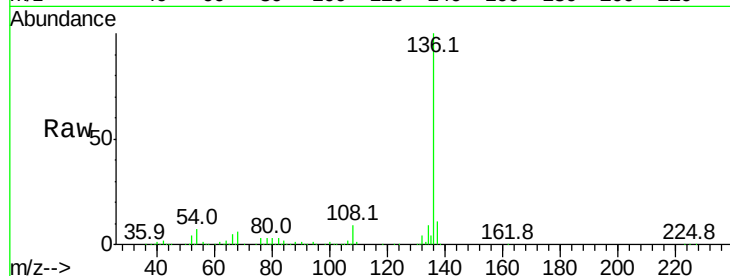
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.5 4.9 7.3#

68 5.8 4.1 6.1

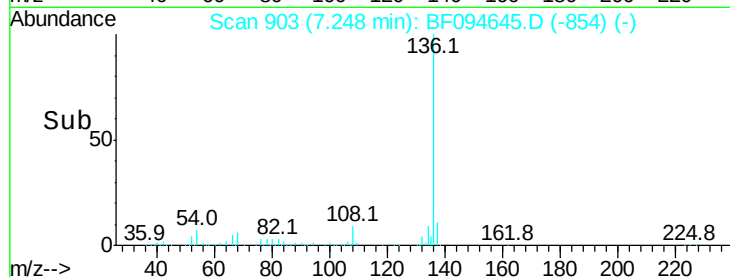


Abundance Ion 136.00 (135.70 to 136.70): E

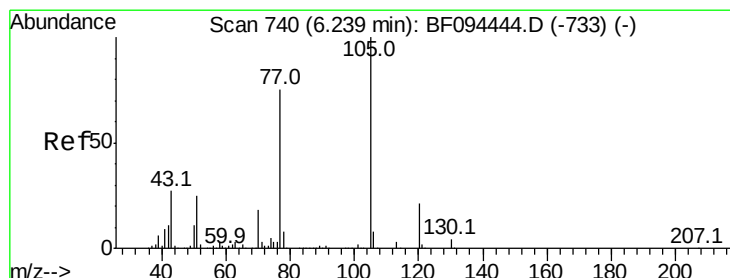
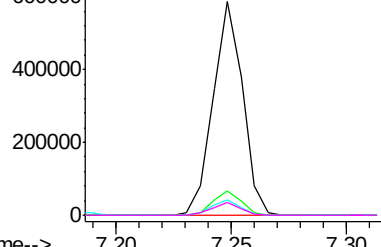
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 32.42 ng

RT: 6.23 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Tgt Ion:105 Resp: 414726

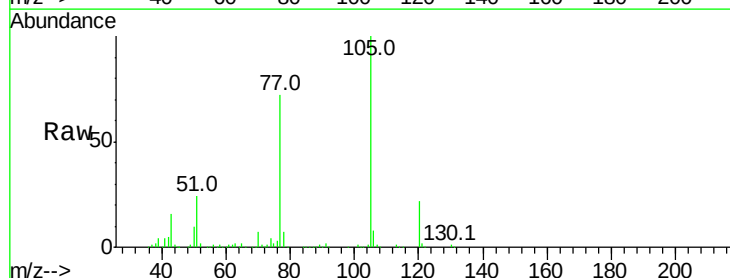
Ion Ratio Lower Upper

105 100

71 1.2 2.8 4.2#

51 23.6 30.7 46.1#

120 22.0 17.4 26.0

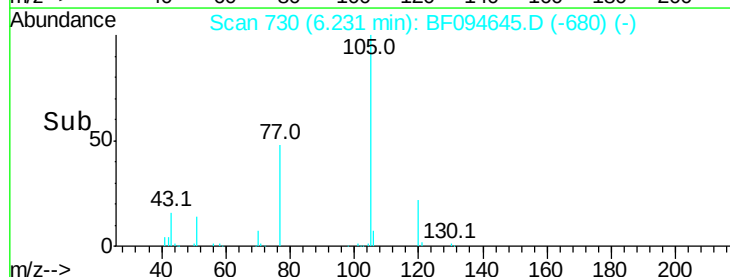


Abundance Ion 105.00 (104.70 to 105.70): E

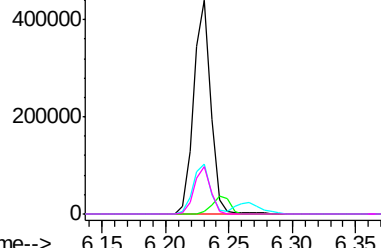
Ion 71.00 (70.70 to 71.70): BF0

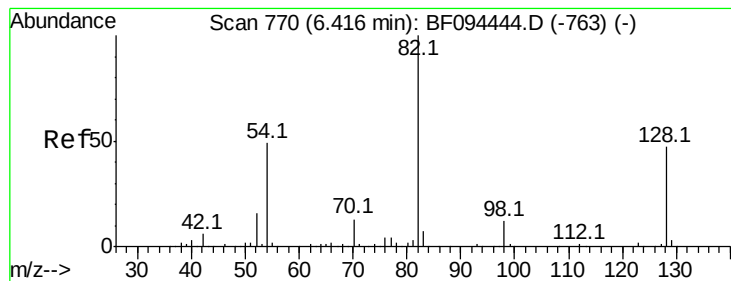
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->





#23

Nitrobenzene-d5

Concen: 67.79 ng

RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

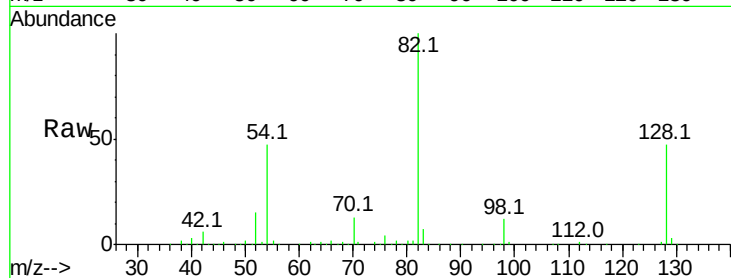
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 577527

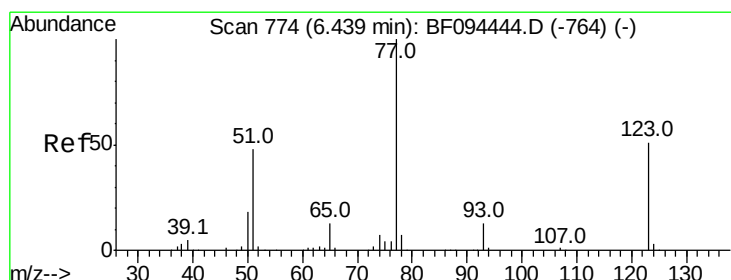
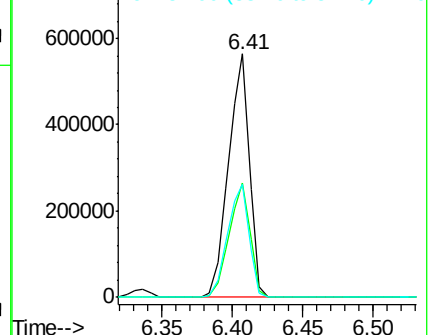
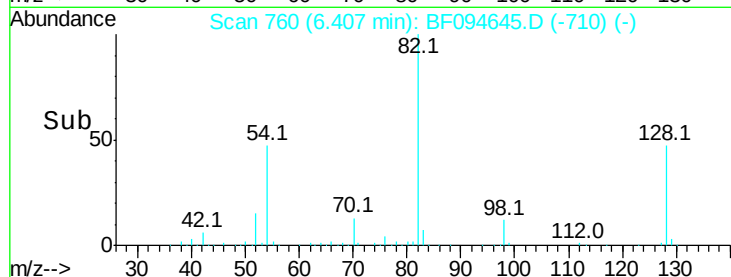
Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	46.5	42.2	63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 32.21 ng

RT: 6.42 min Scan# 763

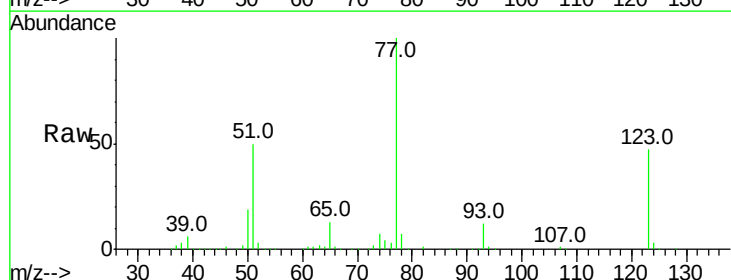
Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Tgt Ion: 77 Resp: 288988

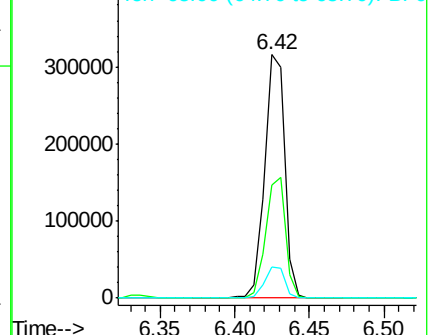
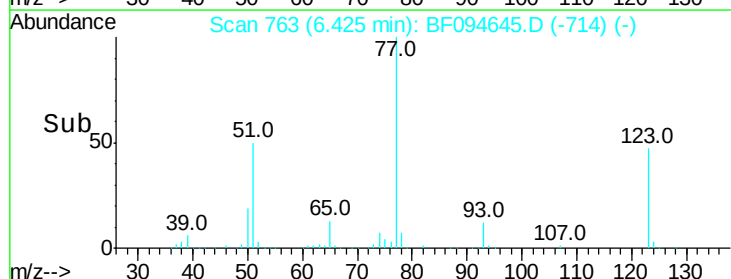
Ion	Ratio	Lower	Upper
77	100		
123	46.6	35.8	53.8
65	12.8	10.6	15.8

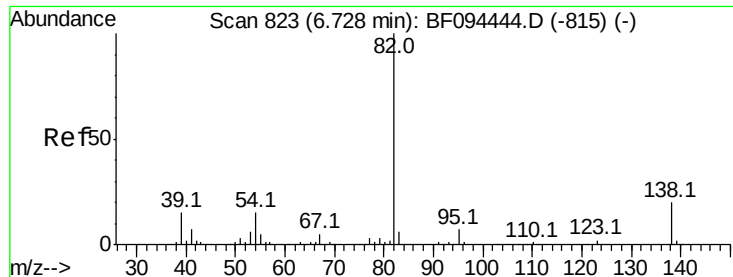


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 34.34 ng

RT: 6.72 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampleId :

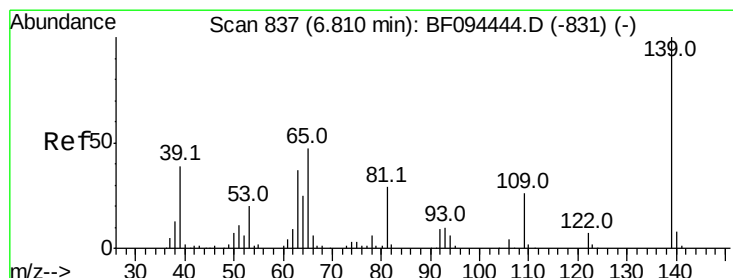
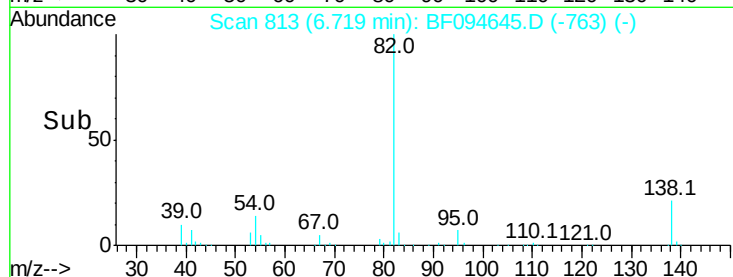
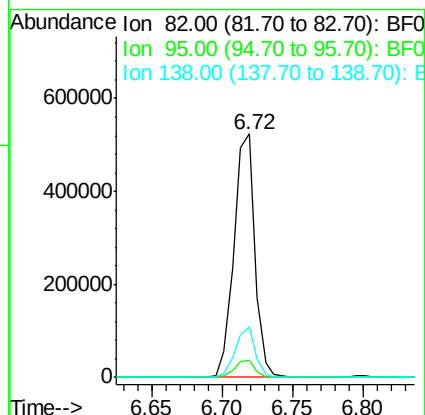
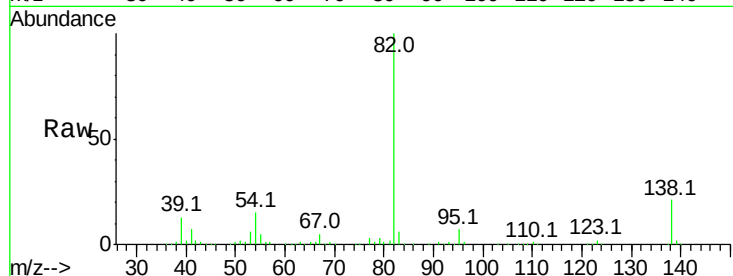
Tot Ion: 82 Resp: 542373

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 20.6 13.1 19.7#



#26

2-Nitrophenol

Concen: 32.93 ng

RT: 6.80 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

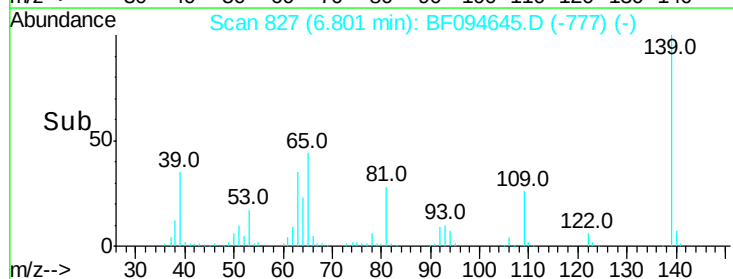
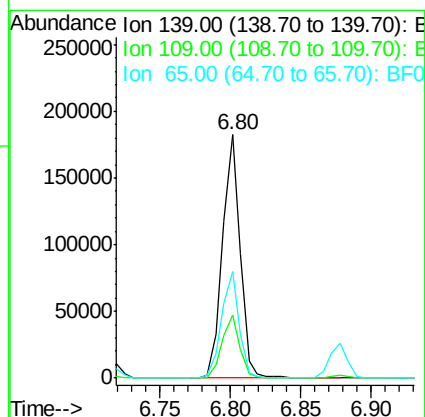
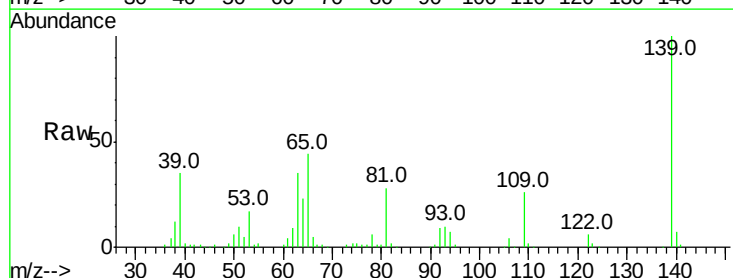
Tgt Ion:139 Resp: 158714

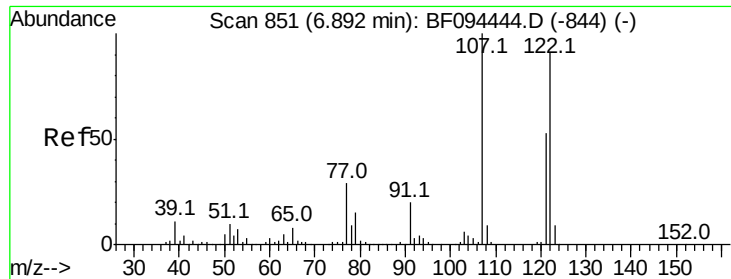
Ion Ratio Lower Upper

139 100

109 25.7 21.0 31.6

65 43.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 33.60 ng

RT: 6.88 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampled :

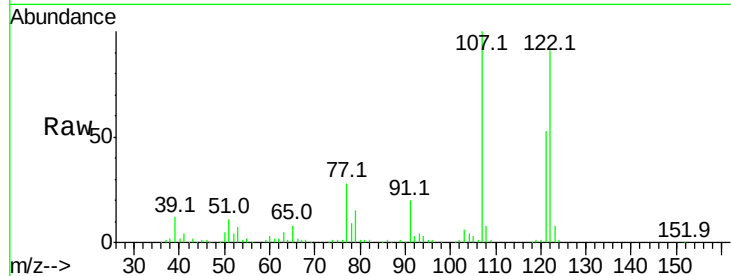
Tot Ion:122 Resp: 263066

Ion Ratio Lower Upper

122 100

107 109.7 89.2 133.8

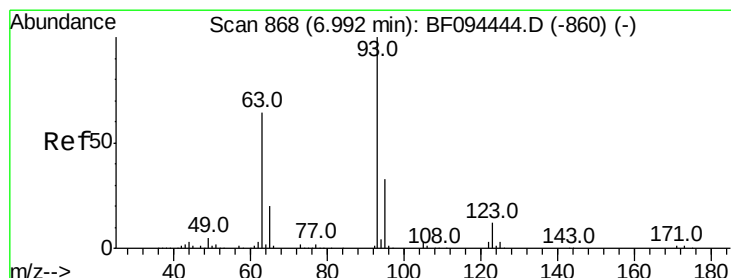
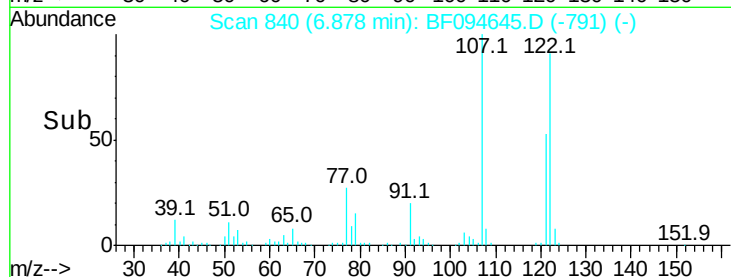
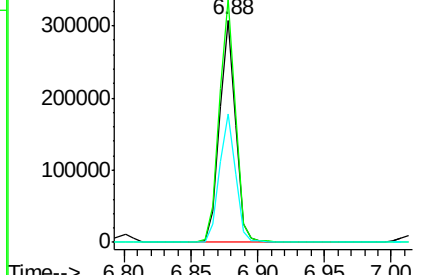
121 57.8 45.2 67.8



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: 33.00 ng

RT: 6.98 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

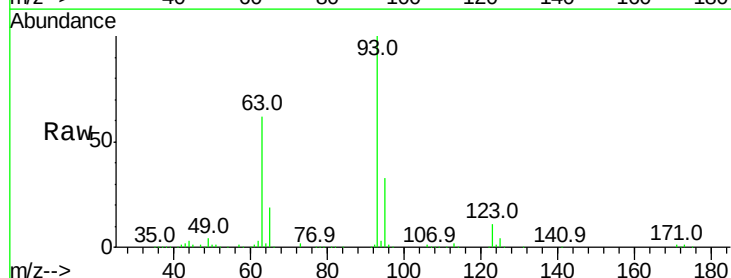
Tgt Ion: 93 Resp: 337140

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

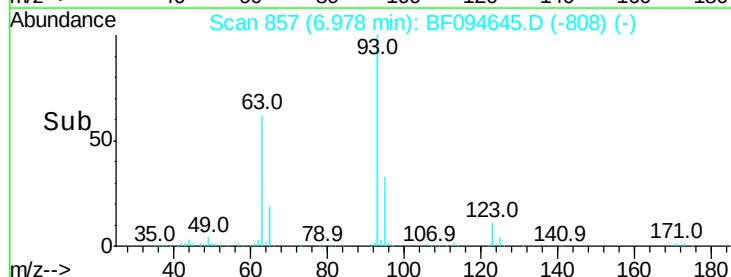
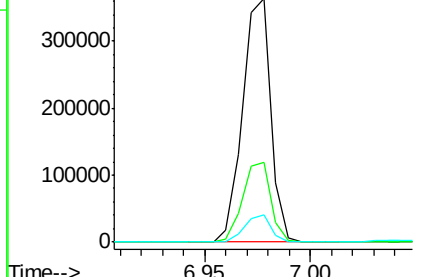
123 11.4 9.0 13.4

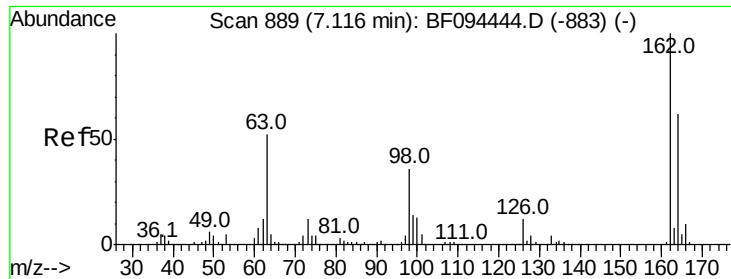


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

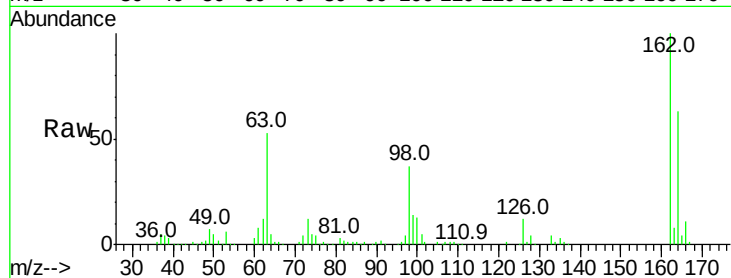




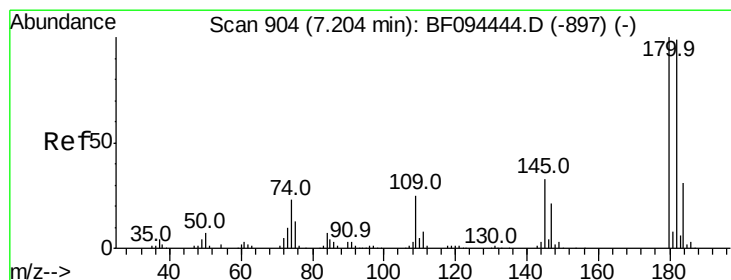
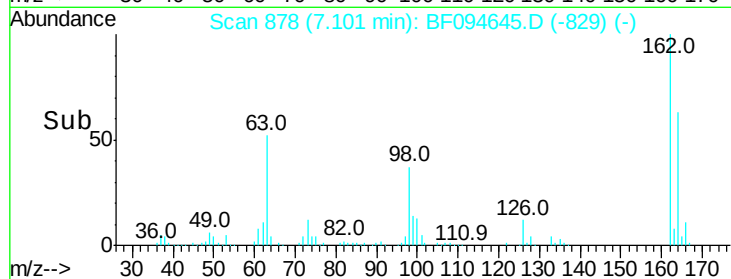
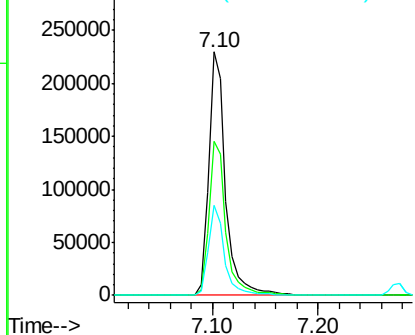
#29
 2,4-Dichlorophenol
 Concen: 35.17 ng
 RT: 7.10 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	37.0	14.8	54.8

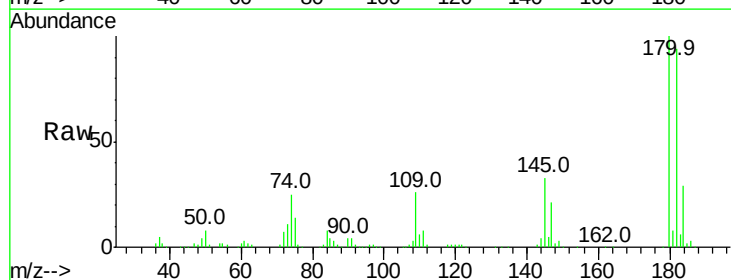


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

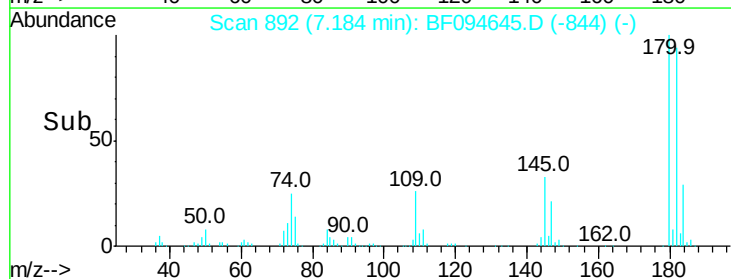
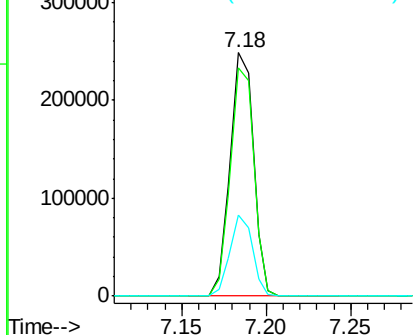


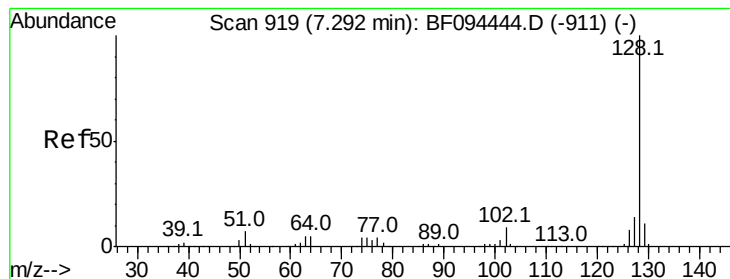
#30
 1,2,4-Trichlorobenzene
 Concen: 31.81 ng
 RT: 7.18 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.8	113.6
145	33.4	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: 32.62 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampleId :

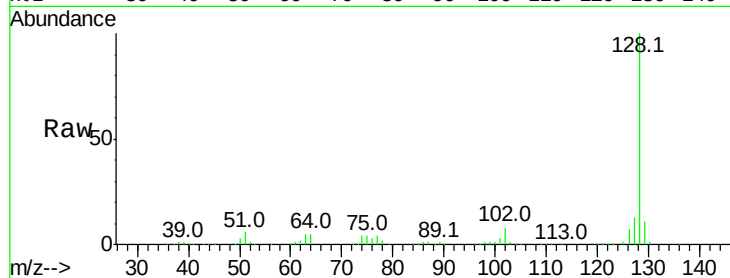
Tot Ion:128 Resp: 825062

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

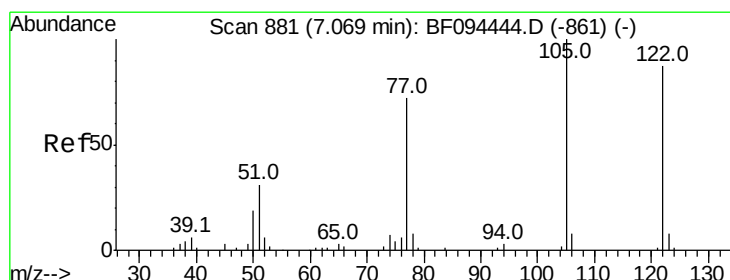
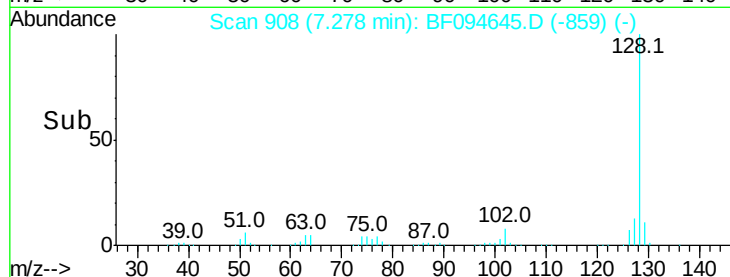
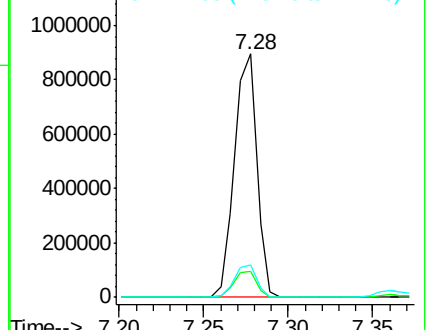
127 13.2 10.8 16.2



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: 25.96 ng

RT: 7.06 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

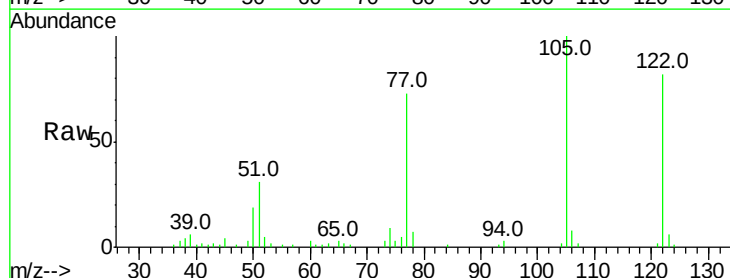
Tgt Ion:122 Resp: 107460

Ion Ratio Lower Upper

122 100

105 121.3 103.3 143.3

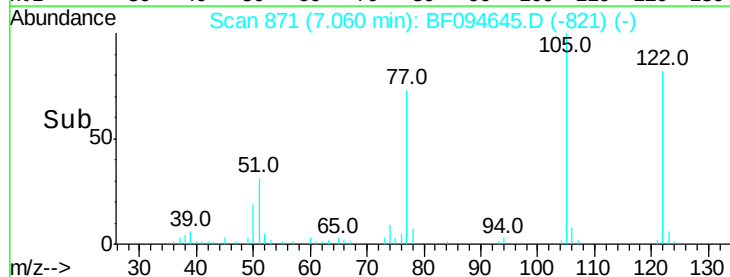
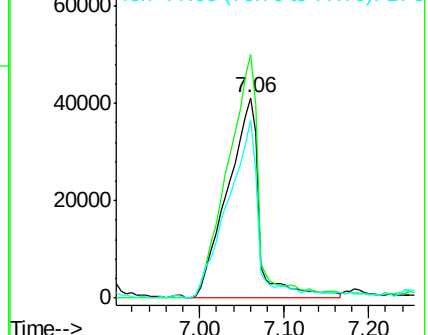
77 89.0 73.7 113.7

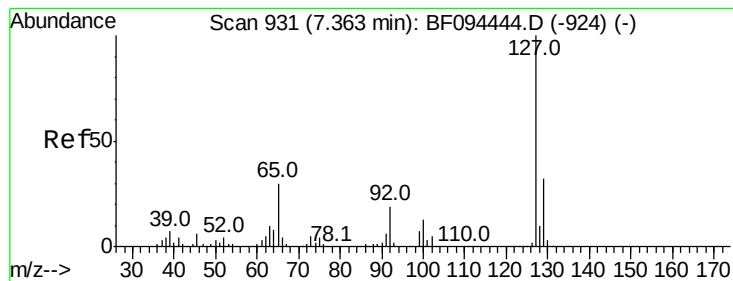


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 4.96 ng

RT: 7.36 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF094645.D

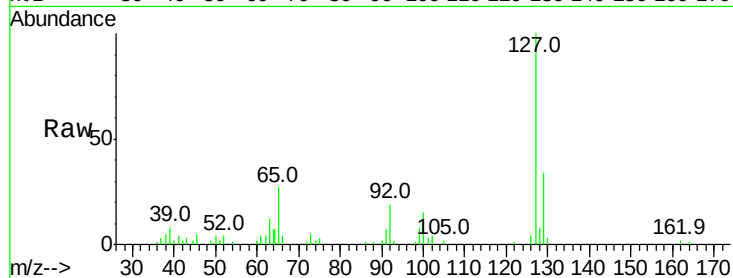
Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	52180
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.2	39.2
65	27.2	27.8	41.8#
92	18.7	16.8	25.2

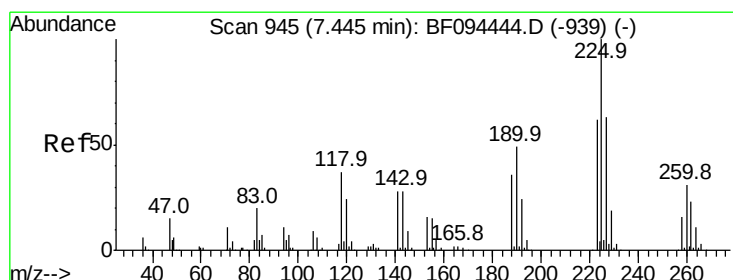
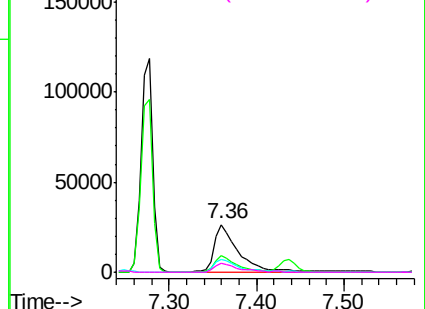
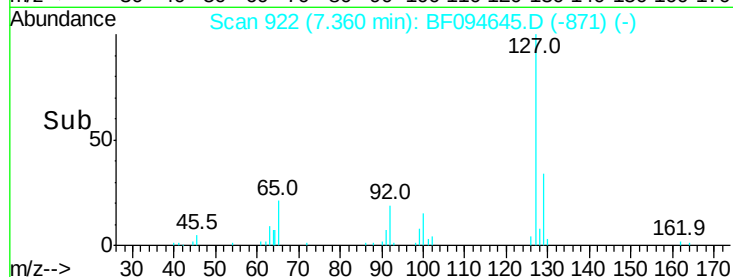


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 31.47 ng

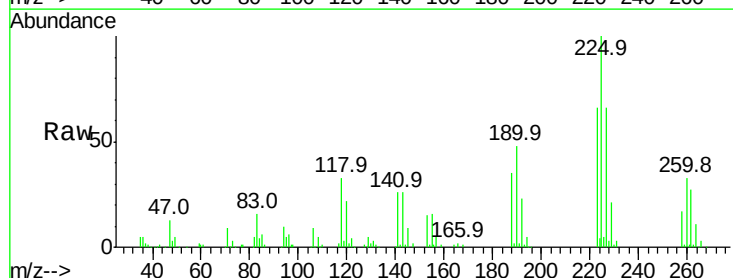
RT: 7.43 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

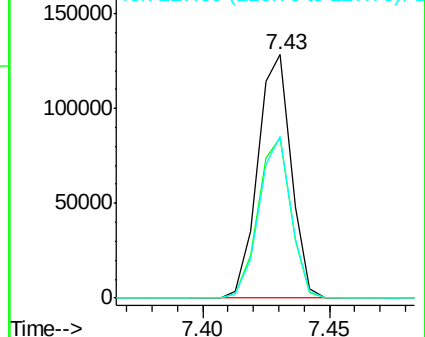
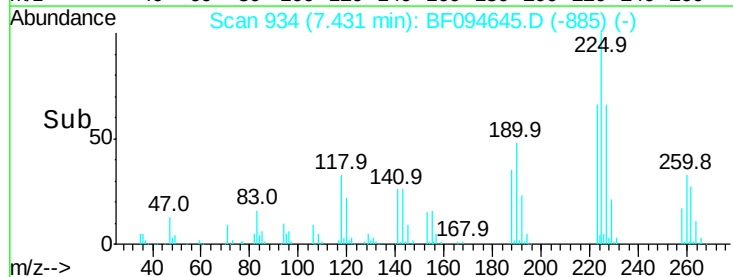
Tgt Ion:	225	Resp:	118139
Ion	Ratio	Lower	Upper
225	100		
223	66.1	48.8	73.2
227	66.3	51.1	76.7

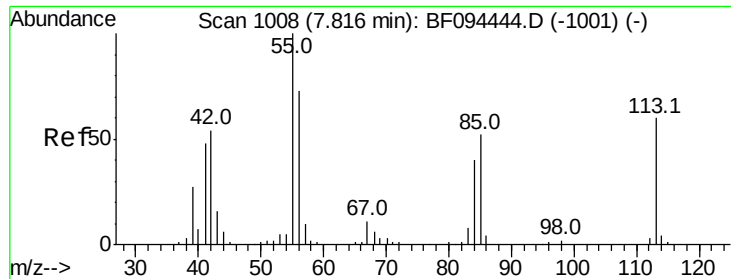


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

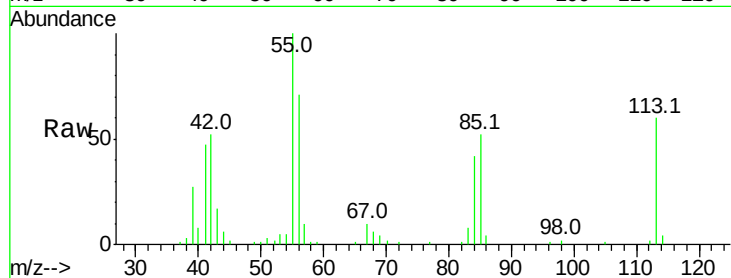




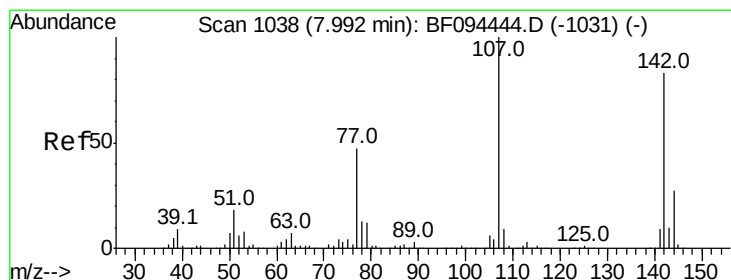
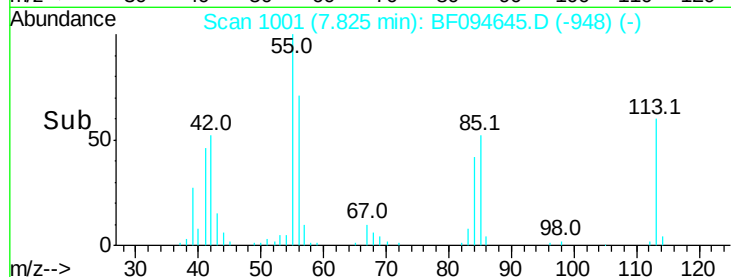
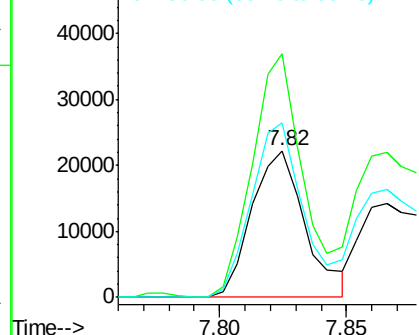
#35
 Caprolactam
 Concen: 14.23 ng
 RT: 7.82 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 32570
 Ion Ratio Lower Upper
 113 100
 55 166.3 150.2 190.2
 56 118.9 107.8 147.8

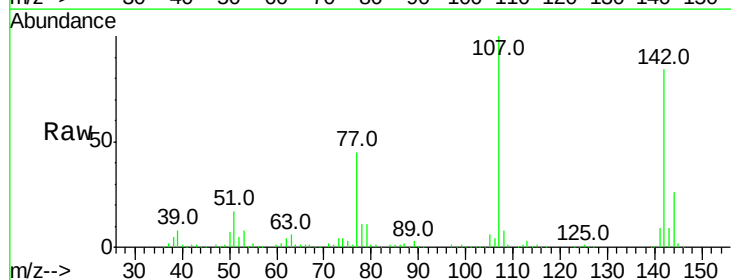


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

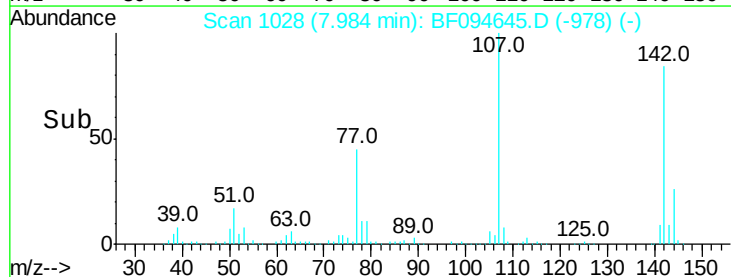
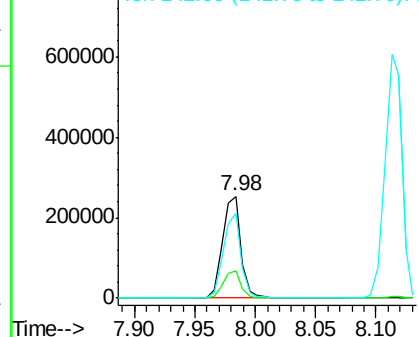


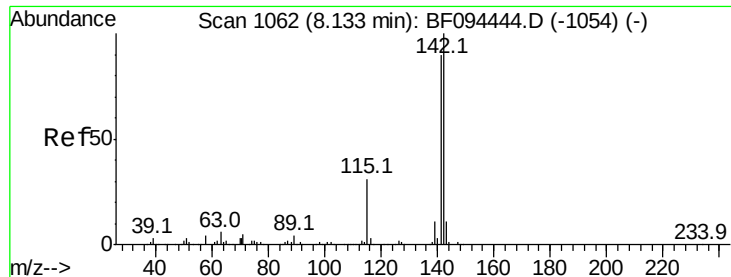
#36
 4-Chloro-3-methylphenol
 Concen: 34.51 ng
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Tgt Ion:107 Resp: 263422
 Ion Ratio Lower Upper
 107 100
 144 26.4 24.2 36.4
 142 83.6 73.4 110.0



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





#37

2-Methylnaphthalene

Concen: 34.42 ng

RT: 8.11 min Scan# 1050

Delta R.T. -0.02 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampleId :

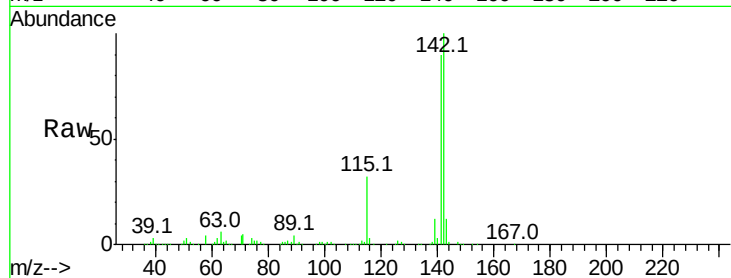
Tot Ion:142 Resp: 595620

Ion Ratio Lower Upper

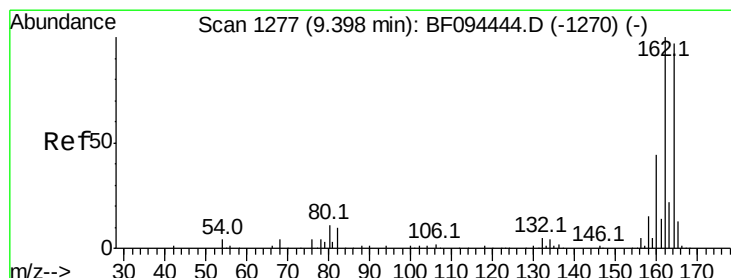
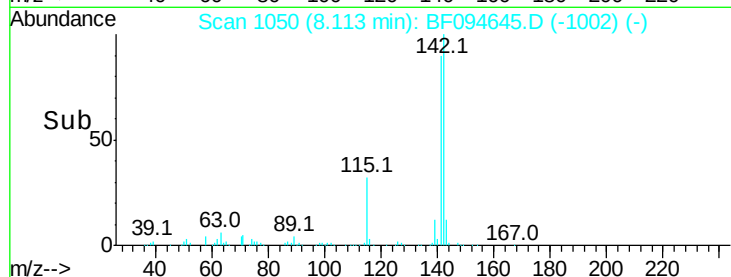
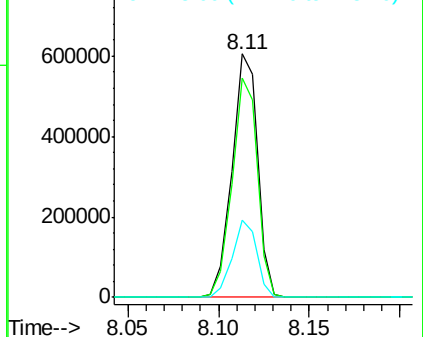
142 100

141 90.2 71.3 106.9

115 31.7 27.1 40.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.38 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

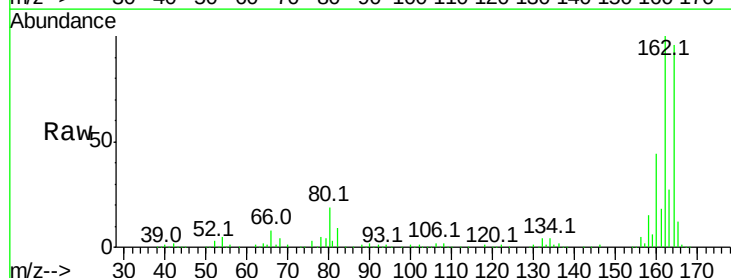
Tgt Ion:164 Resp: 247090

Ion Ratio Lower Upper

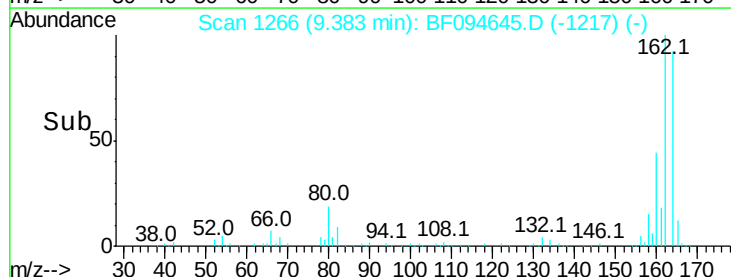
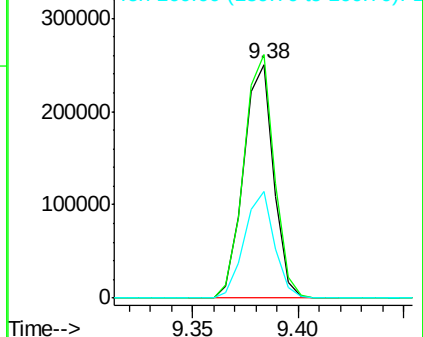
164 100

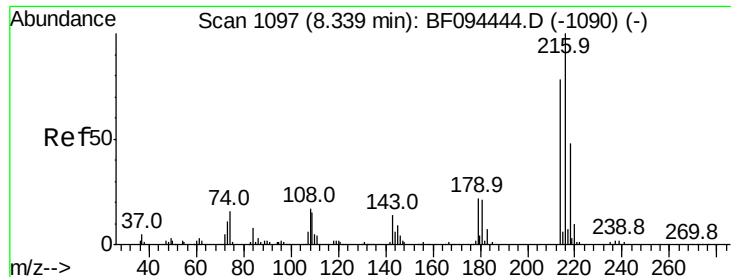
162 104.2 82.6 123.8

160 45.7 36.2 54.2



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

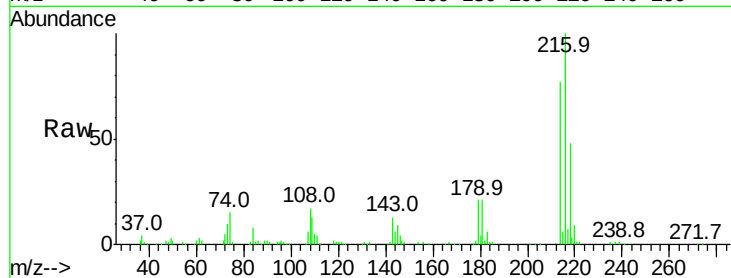




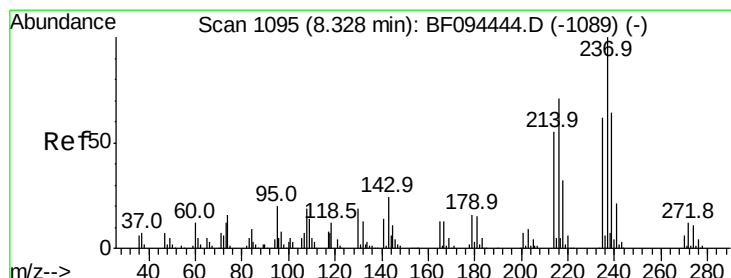
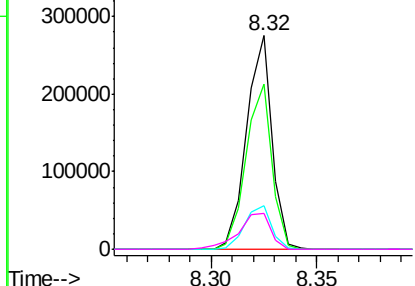
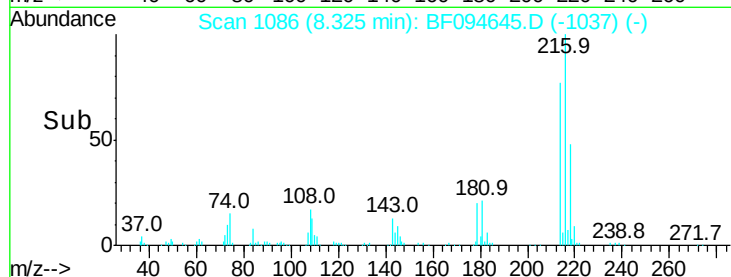
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.63 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	229554
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.2
179	21.6	17.9	26.9
108	21.4	16.5	24.7

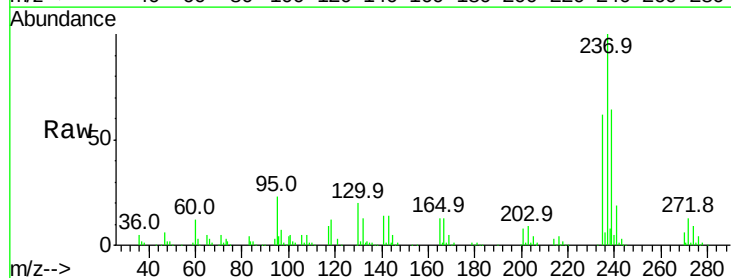


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

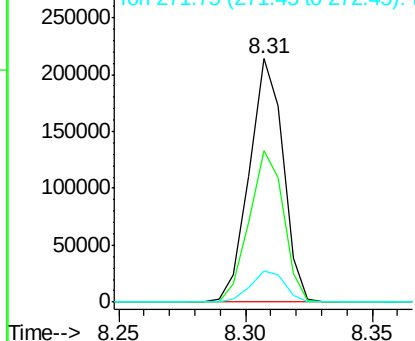
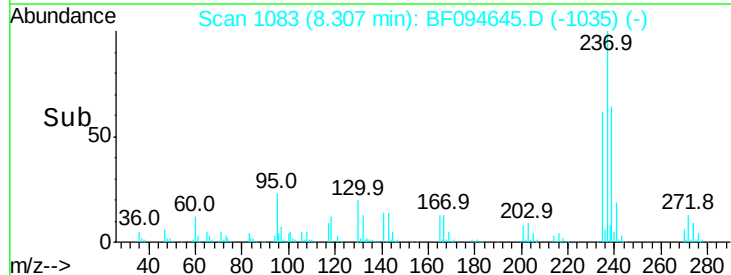


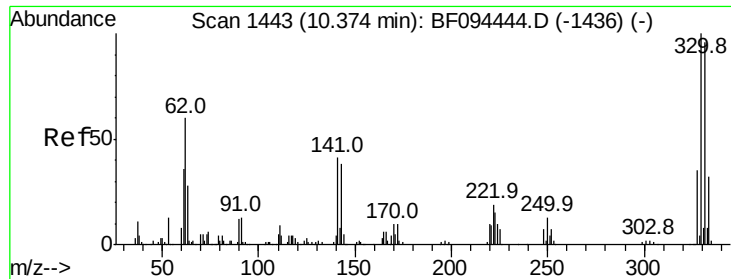
#40
 Hexachlorocyclopentadiene
 Concen: 70.03 ng
 RT: 8.31 min Scan# 1083
 Delta R.T. -0.02 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Tgt Ion:	237	Resp:	199336
Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.6	82.6
272	13.0	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

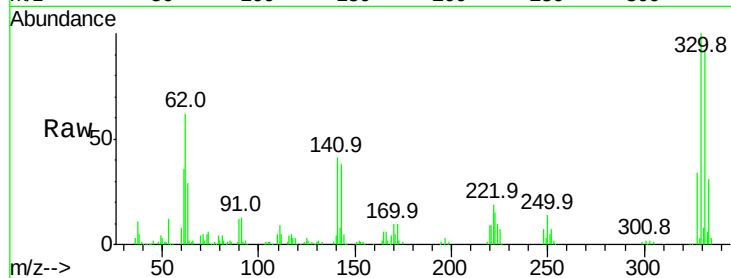




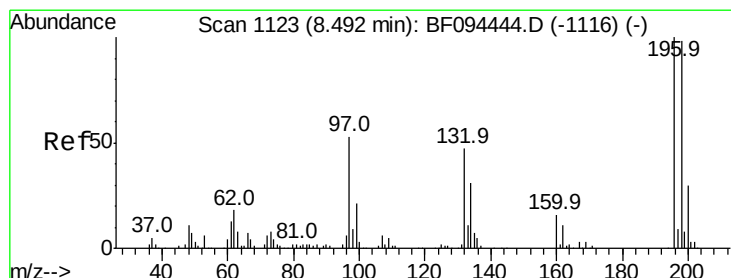
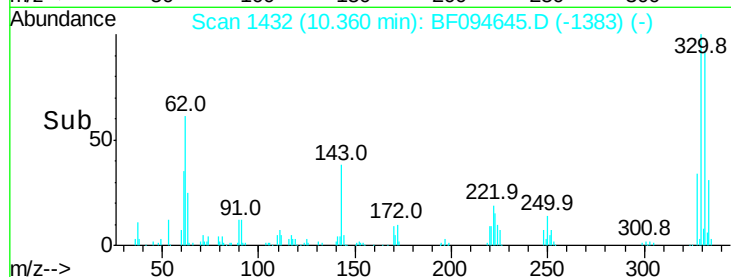
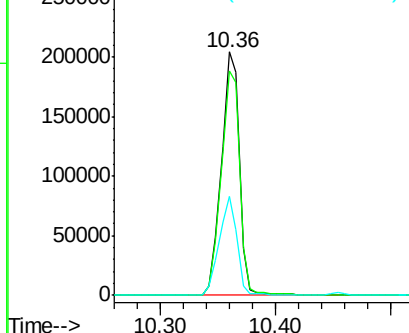
#41
 2,4,6-Tribromophenol
 Concen: 115.41 ng
 RT: 10.36 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 223055
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 39.8 31.4 47.2

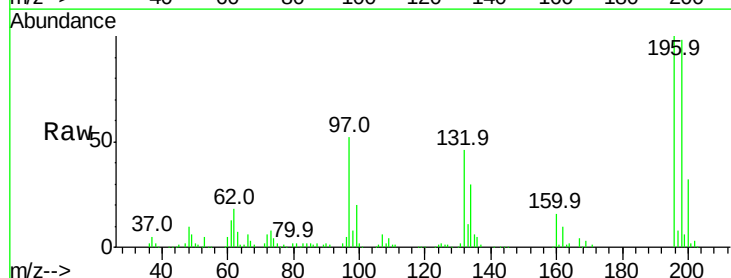


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

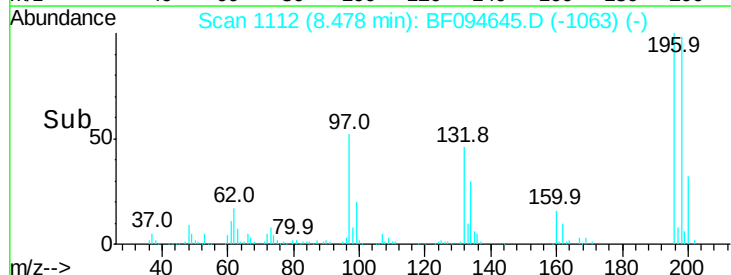
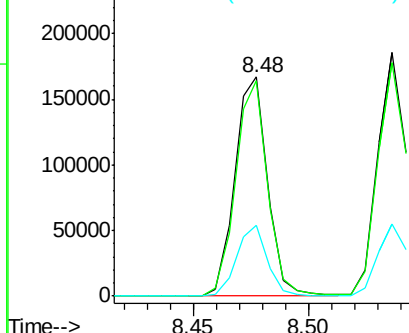


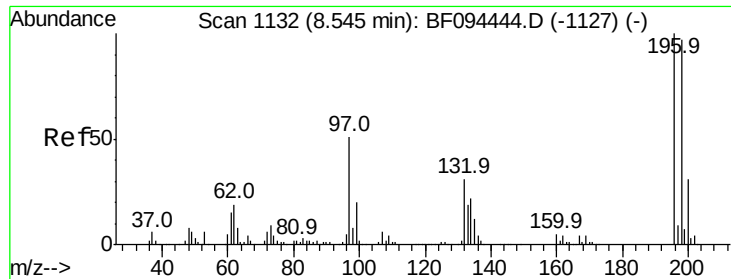
#42
 2,4,6-Trichlorophenol
 Concen: 33.37 ng
 RT: 8.48 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Tgt Ion:196 Resp: 164881
 Ion Ratio Lower Upper
 196 100
 198 98.3 74.2 111.4
 200 32.1 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

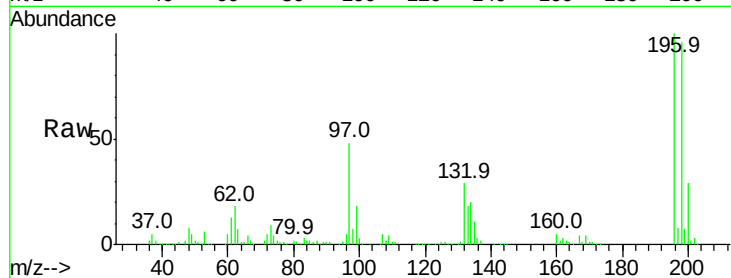




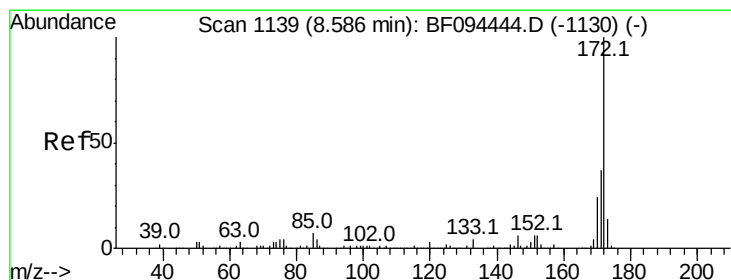
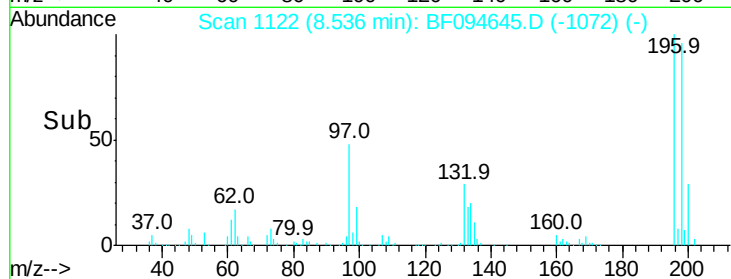
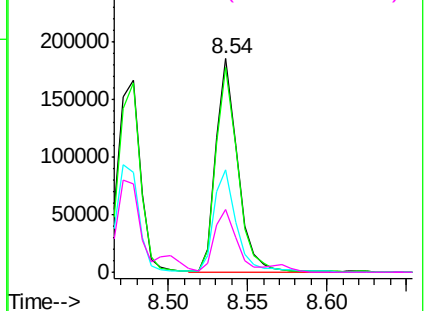
#43
 2,4,5-Trichlorophenol
 Concen: 34.90 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 177109
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.7 113.5
 97 47.7 47.7 71.5
 132 29.1 28.0 42.0

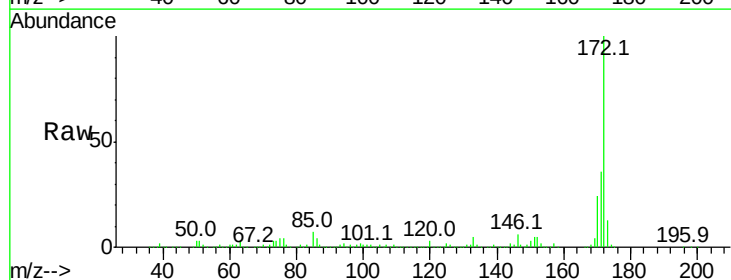


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

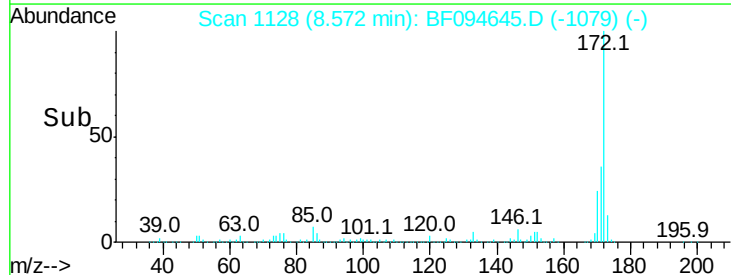
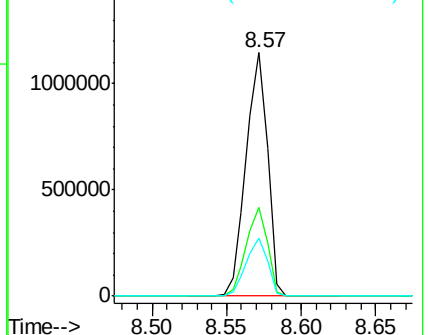


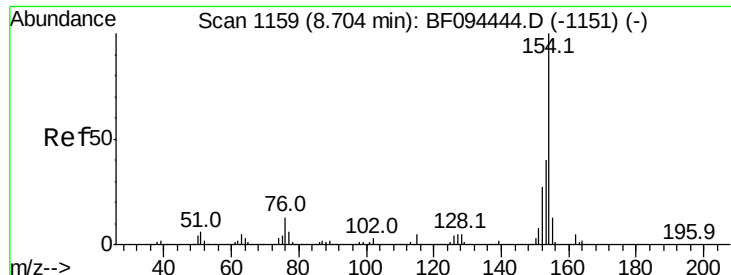
#44
 2-Fluorobiphenyl
 Concen: 68.13 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Tgt Ion:172 Resp: 1144071
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.0 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

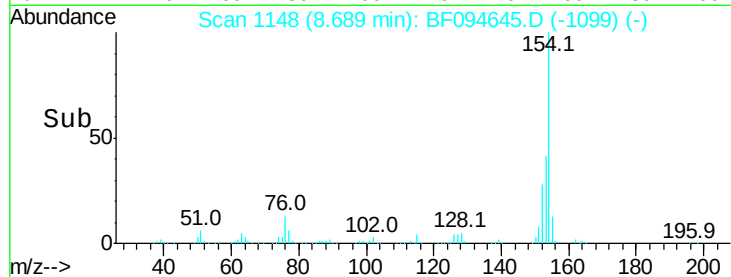
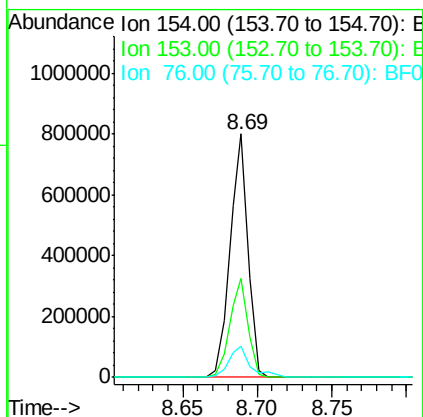
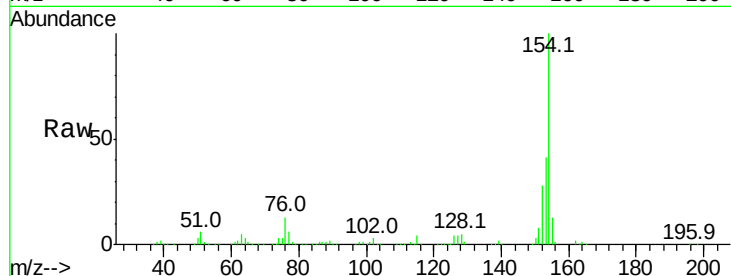




#45
 1,1'-Biphenyl
 Concen: 33.69 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

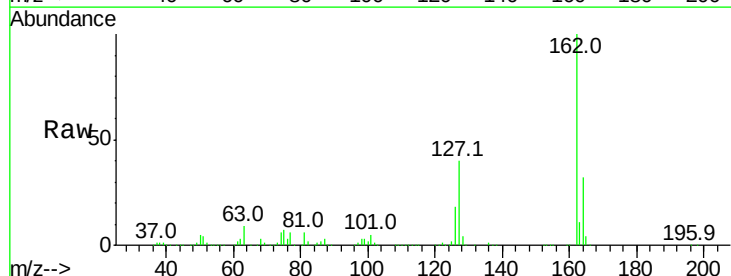
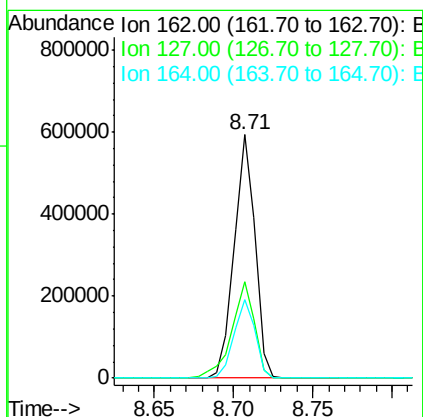
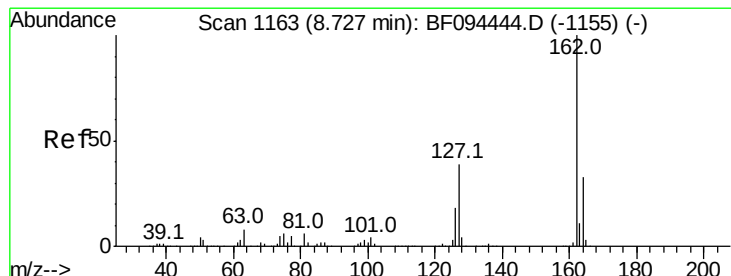
Instrument :
 BNA_F
 ClientSampleId :

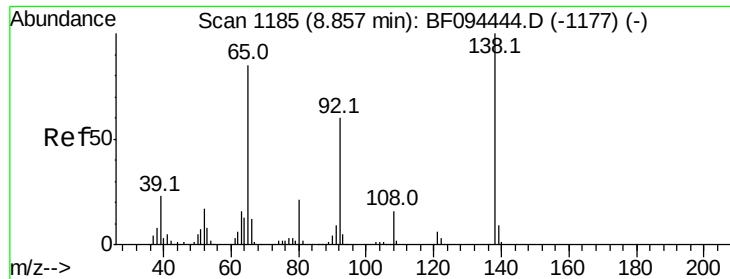
Tot Ion:154 Resp: 680175
 Ion Ratio Lower Upper
 154 100
 153 40.9 21.2 61.2
 76 12.7 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 33.69 ng
 RT: 8.71 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Tgt Ion:162 Resp: 540730
 Ion Ratio Lower Upper
 162 100
 127 39.9 28.3 42.5
 164 32.4 27.0 40.4

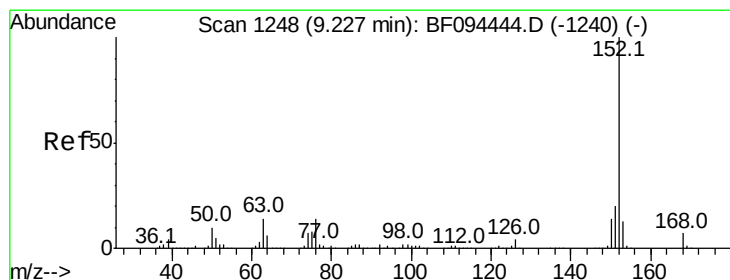
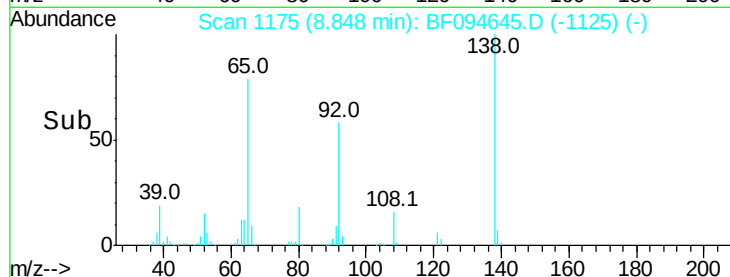
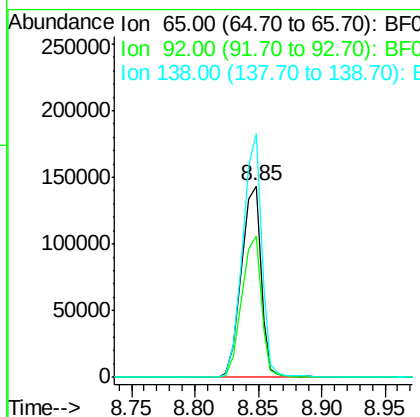
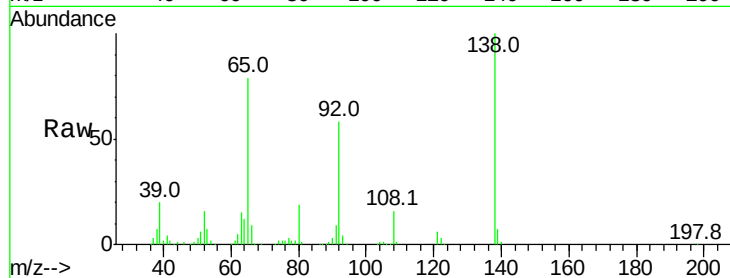




#47
2-Nitroaniline
Concen: 33.59 ng
RT: 8.85 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

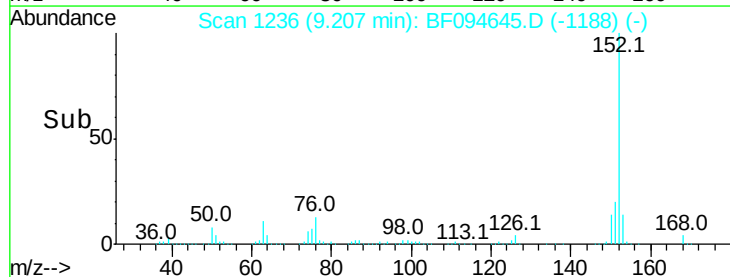
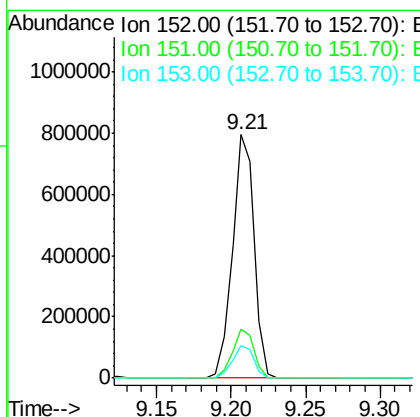
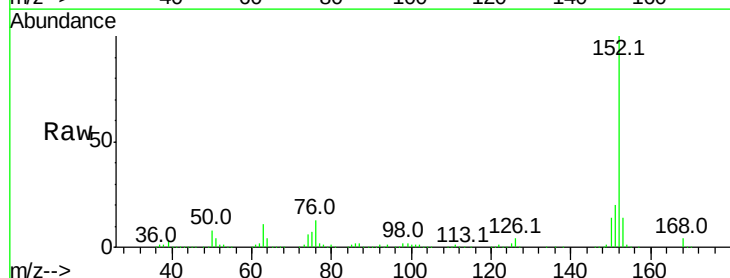
Instrument :
BNA_F
ClientSampleId :

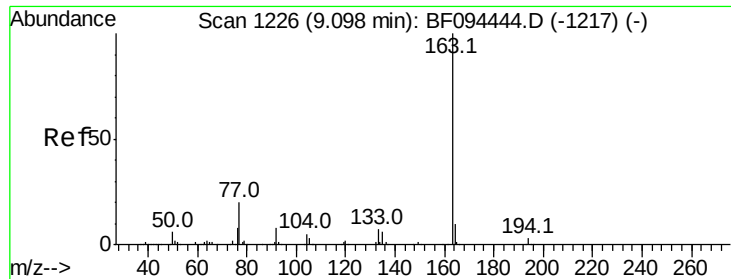
Tot Ion: 65 Resp: 155103
Ion Ratio Lower Upper
65 100
92 73.7 53.9 80.9
138 127.3 78.8 118.2#



#48
Acenaphthylene
Concen: 32.39 ng
RT: 9.21 min Scan# 1236
Delta R.T. -0.02 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

Tgt Ion: 152 Resp: 810549
Ion Ratio Lower Upper
152 100
151 20.1 16.8 25.2
153 13.5 10.8 16.2

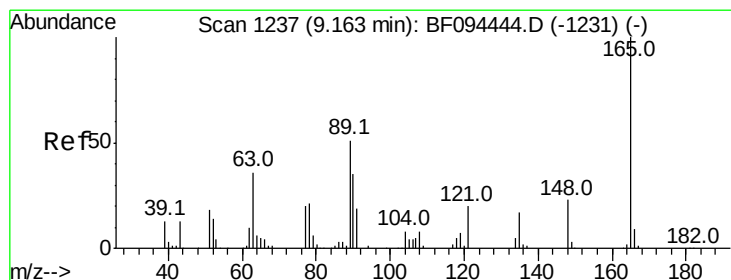
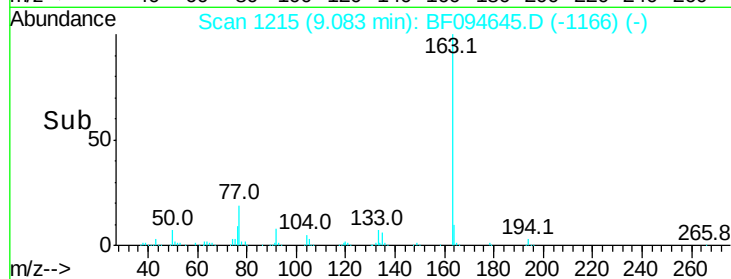
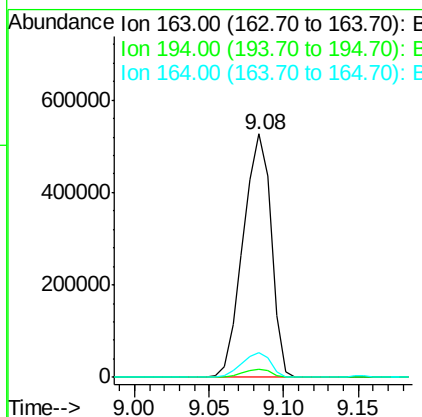
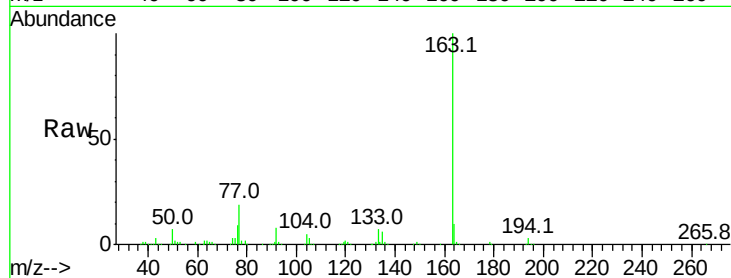




#49
Dimethylphthalate
Concen: 37.26 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

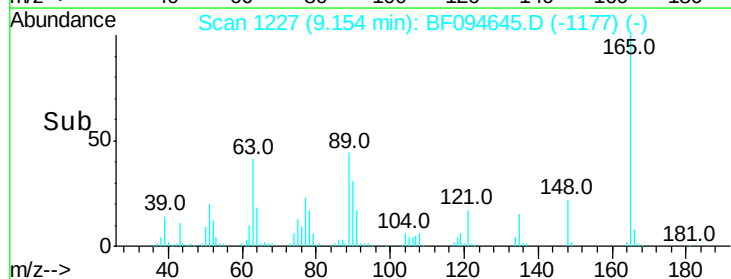
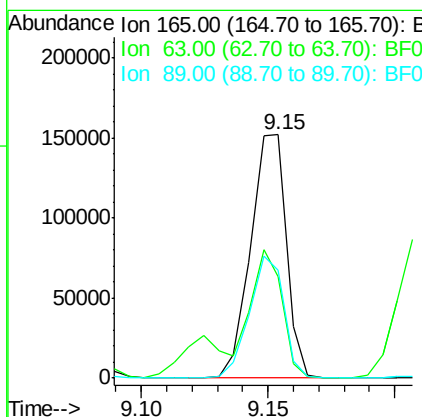
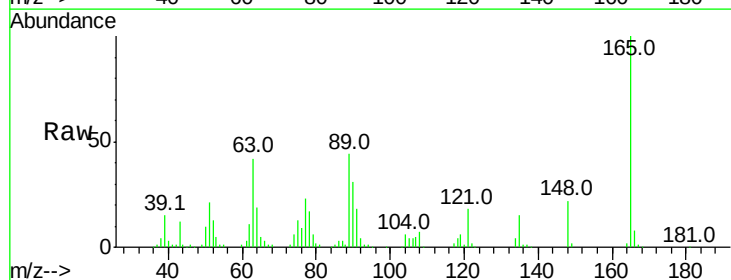
Instrument :
BNA_F
ClientSampleId :

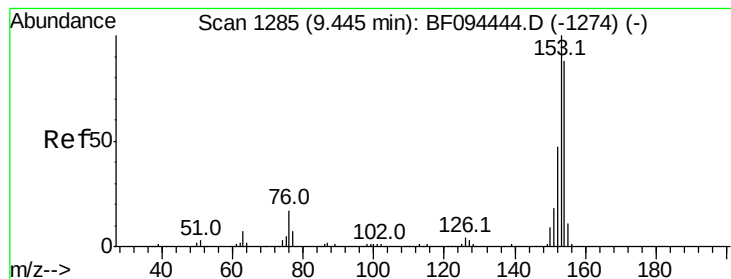
Tot Ion:163 Resp: 686086
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.1 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 36.38 ng
RT: 9.15 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

Tgt Ion:165 Resp: 150385
Ion Ratio Lower Upper
165 100
63 41.9 34.3 51.5
89 44.4 37.1 55.7





#51

Acenaphthene

Concen: 33.37 ng

RT: 9.42 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampleId :

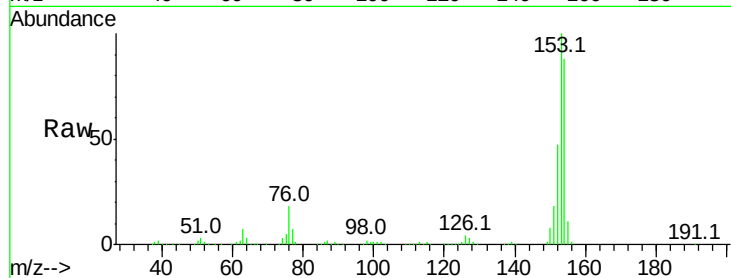
Tot Ion:154 Resp: 500203

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

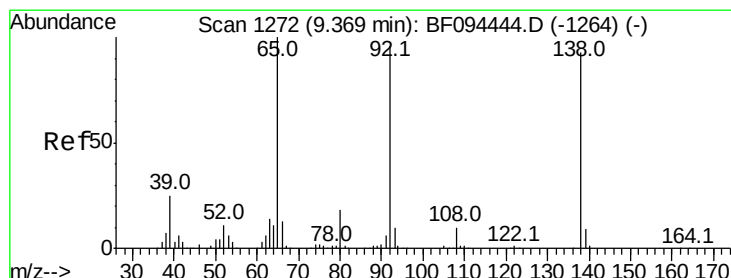
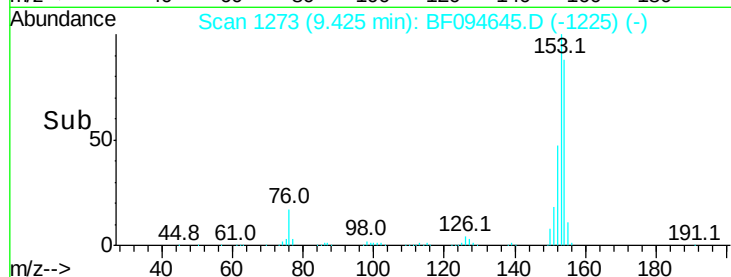
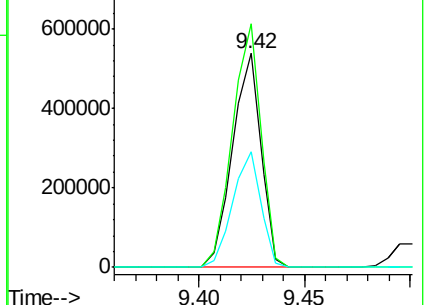
152 53.8 43.6 65.4



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: 7.16 ng

RT: 9.35 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

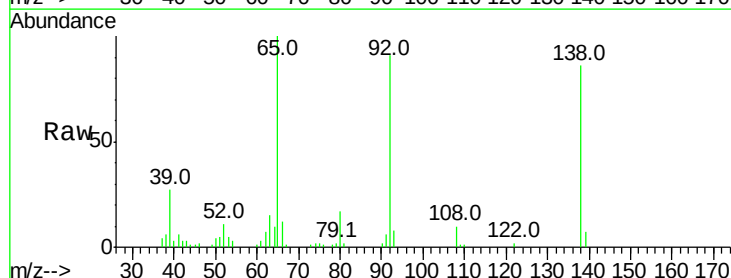
Tgt Ion:138 Resp: 34260

Ion Ratio Lower Upper

138 100

108 11.2 9.1 13.7

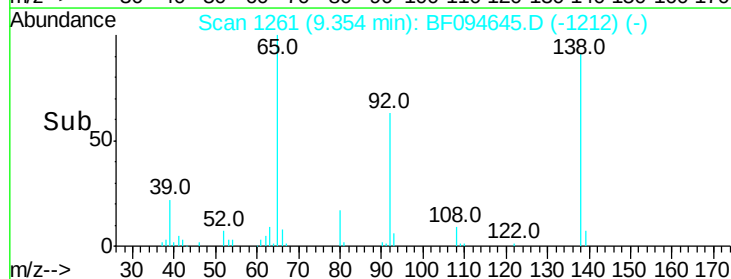
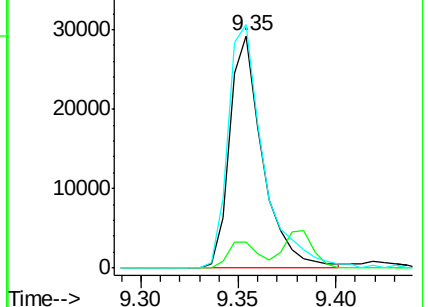
92 104.9 93.8 140.6

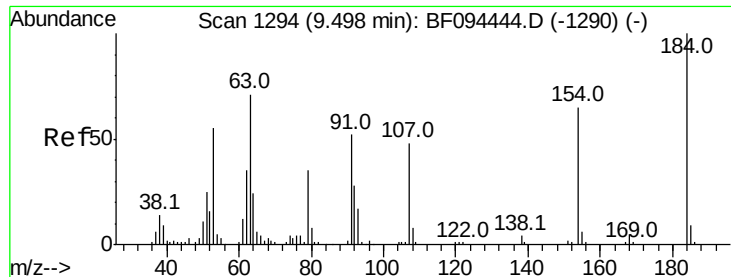


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

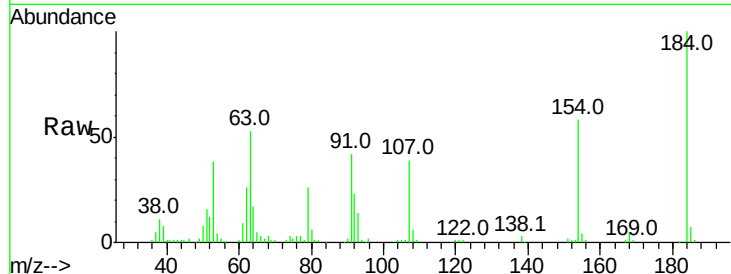




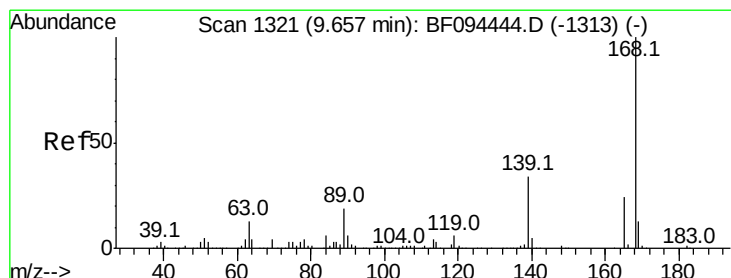
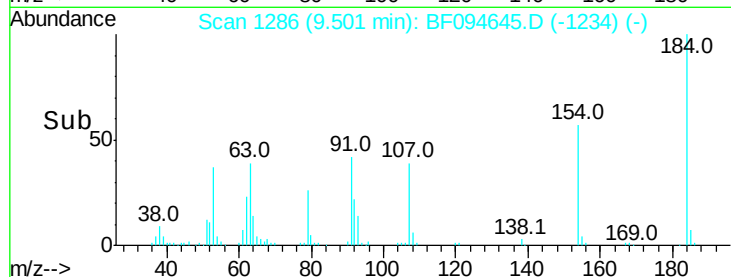
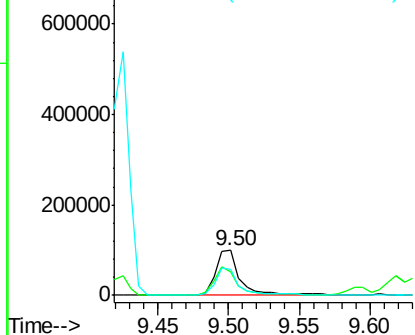
#53
 2,4-Dinitrophenol
 Concen: 56.08 ng
 RT: 9.50 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 121607
 Ion Ratio Lower Upper
 184 100
 63 53.5 62.7 94.1#
 154 58.3 81.1 121.7#

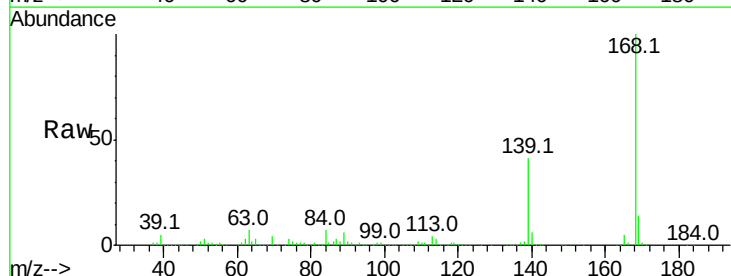


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

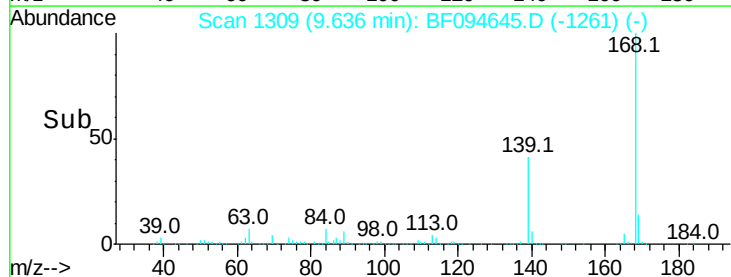
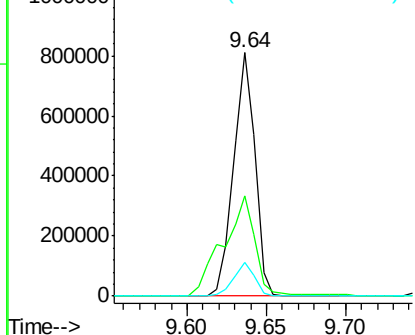


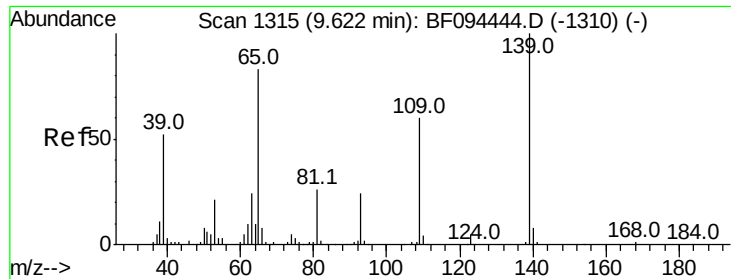
#54
 Dibenzofuran
 Concen: 34.87 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Tgt Ion:168 Resp: 759517
 Ion Ratio Lower Upper
 168 100
 139 40.9 30.6 45.8
 169 13.6 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

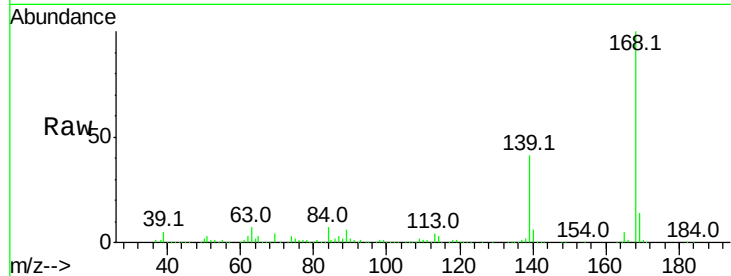




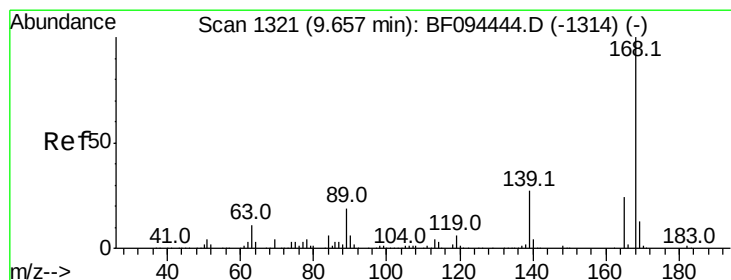
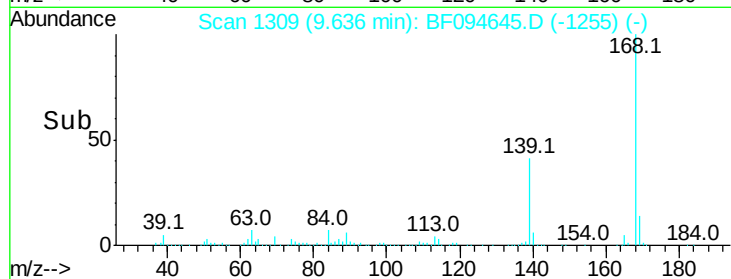
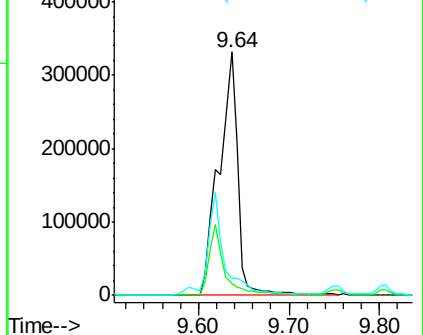
#55
4-Nitrophenol
Concen: 142.35 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 480907
Ion Ratio Lower Upper
139 100
109 5.0 34.1 74.1#
65 7.1 31.4 71.4#



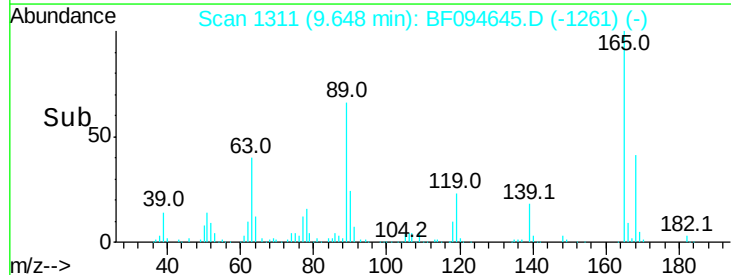
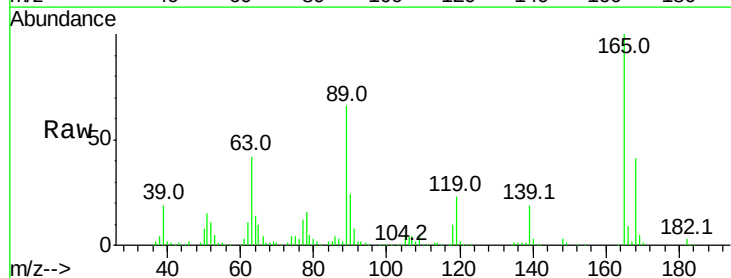
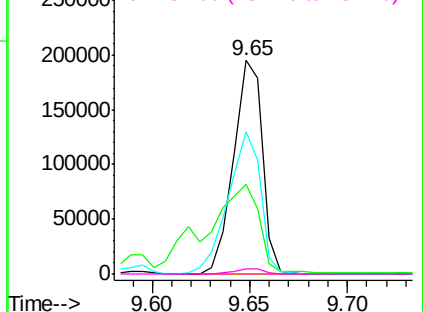
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

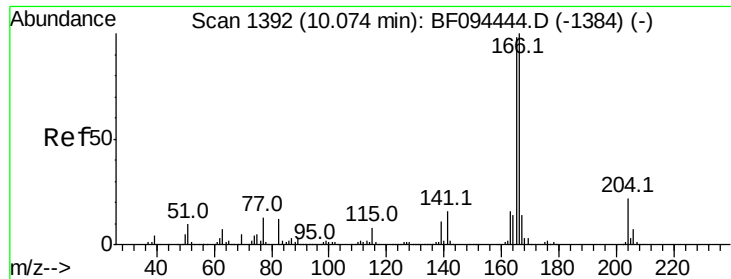


#56
2,4-Dinitrotoluene
Concen: 39.63 ng
RT: 9.65 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

Tgt Ion:165 Resp: 200965
Ion Ratio Lower Upper
165 100
63 42.1 25.4 38.0#
89 66.3 46.4 69.6
182 2.6 1.8 2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

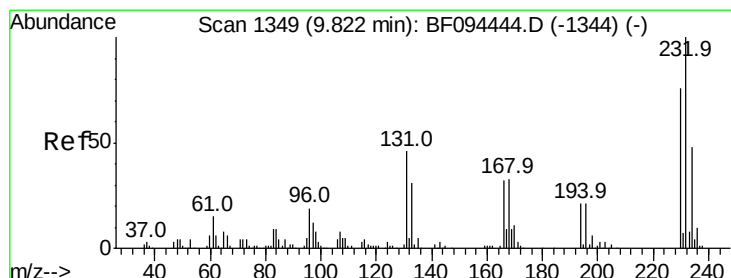
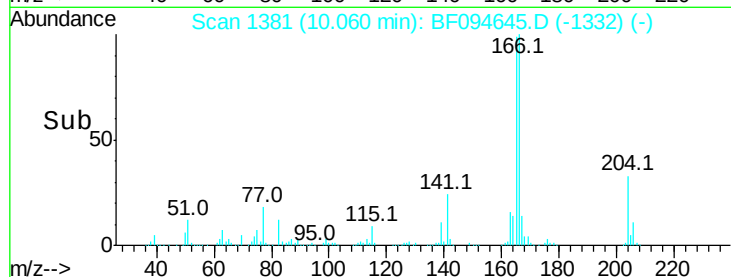
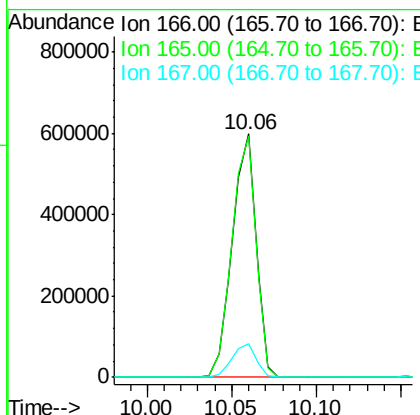
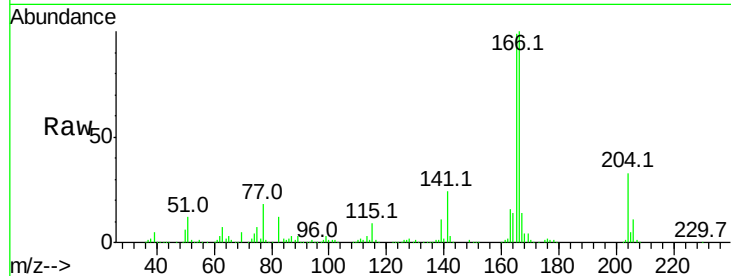




#57
 Fluorene
 Concen: 34.60 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

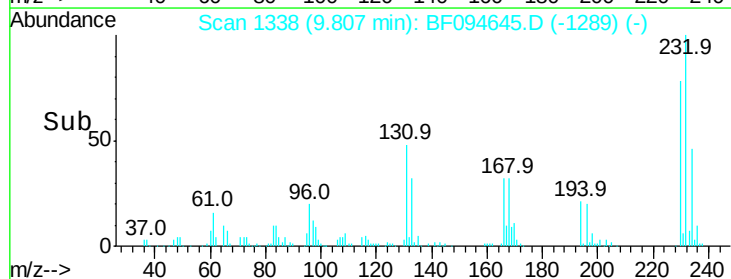
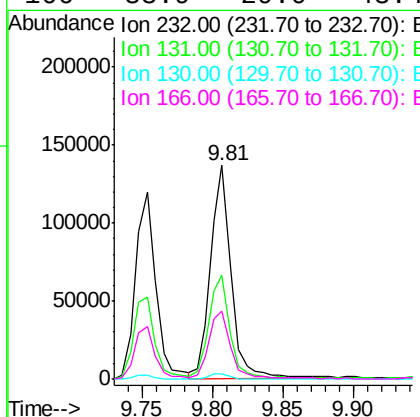
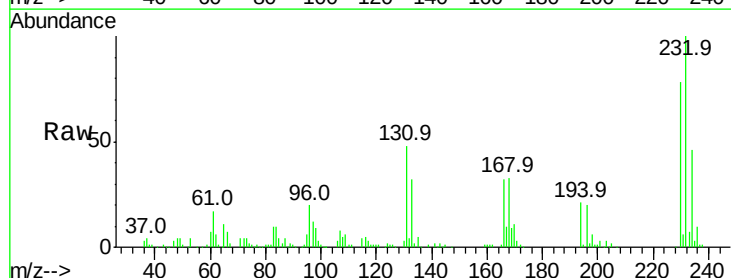
Instrument :
 BNA_F
 ClientSampleId :

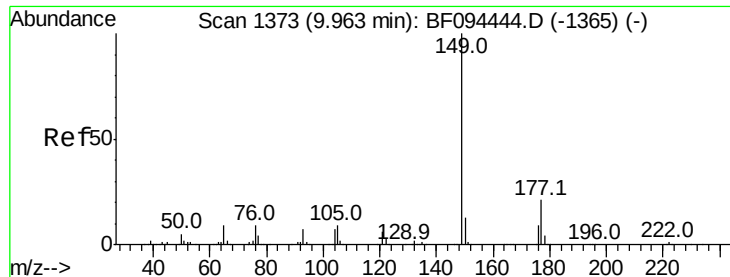
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.8	118.2
167	13.7	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.77 ng
 RT: 9.81 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Tgt Ion	Ratio	Lower	Upper
232	100		
231	50.4	44.8	67.2
130	2.4	2.3	3.5
166	33.9	29.0	43.4

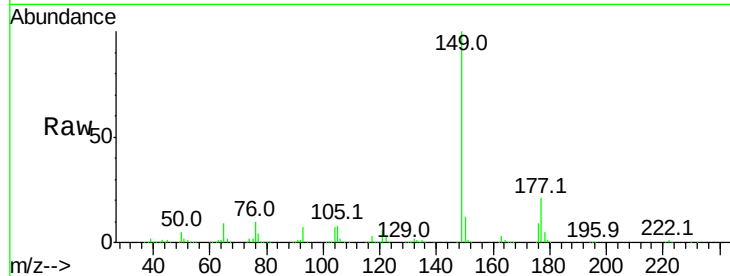




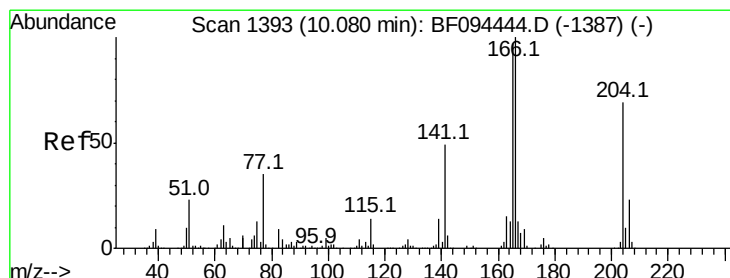
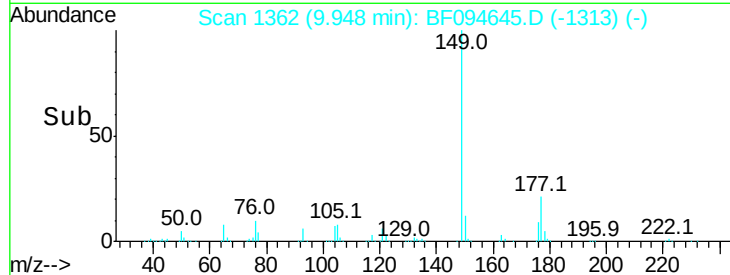
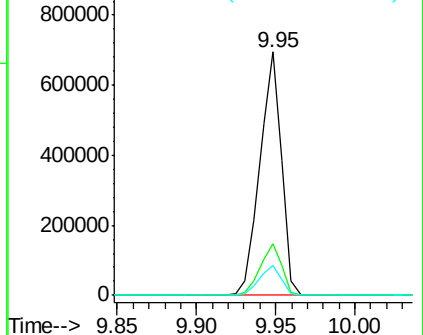
#59
Diethylphthalate
Concen: 38.14 ng
RT: 9.95 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 662600
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.3 10.2 15.2

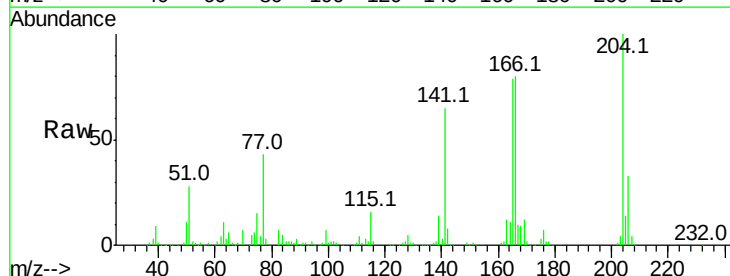


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

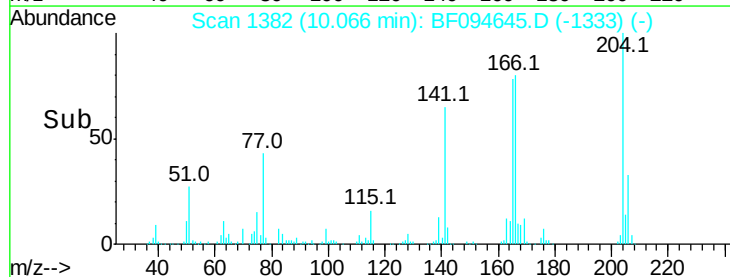
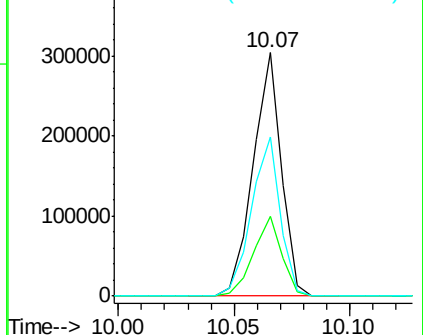


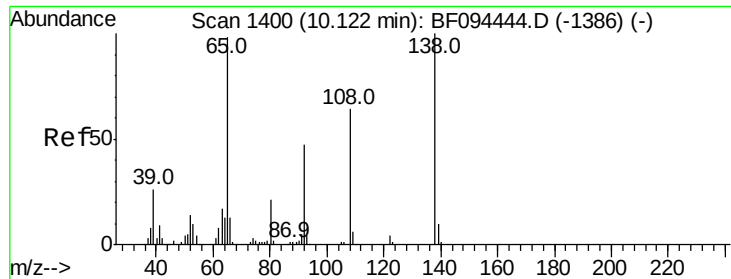
#60
4-Chlorophenyl-phenylether
Concen: 36.83 ng
RT: 10.07 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

Tgt Ion:204 Resp: 260038
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 65.1 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

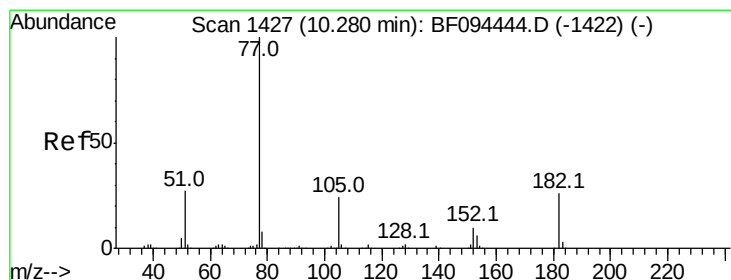
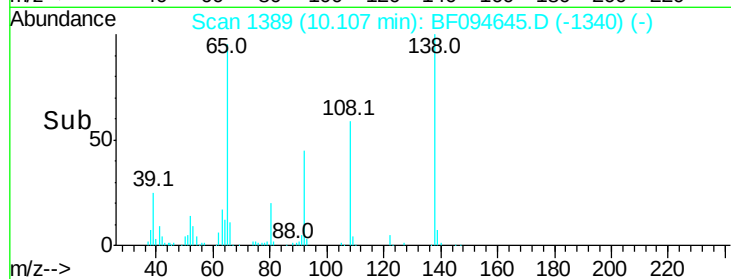
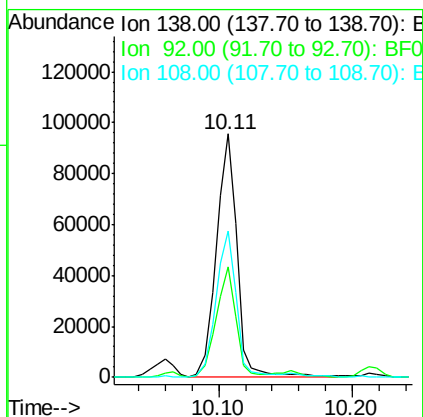
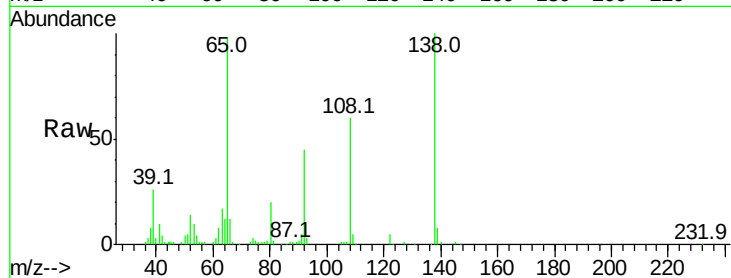




#61
4-Nitroaniline
Concen: 21.62 ng
RT: 10.11 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

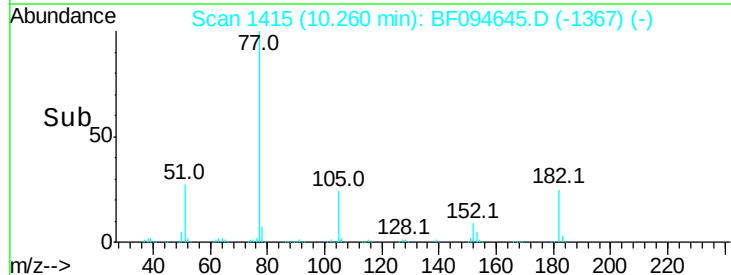
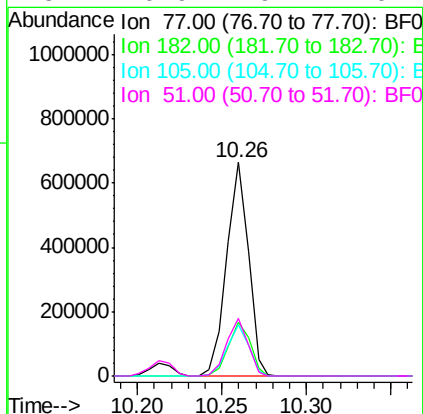
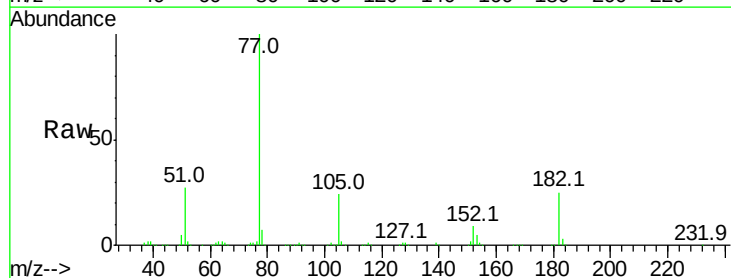
Instrument :
BNA_F
ClientSampleId :

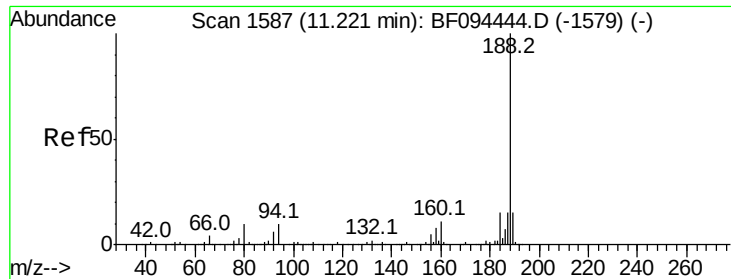
Tot Ion:138 Resp: 105079
Ion Ratio Lower Upper
138 100
92 45.5 21.8 61.8
108 59.8 42.3 82.3



#62
Azobenzene
Concen: 35.30 ng
RT: 10.26 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

Tgt Ion: 77 Resp: 595551
Ion Ratio Lower Upper
77 100
182 25.1 0.1 40.1
105 24.0 3.6 43.6
51 26.9 9.4 49.4

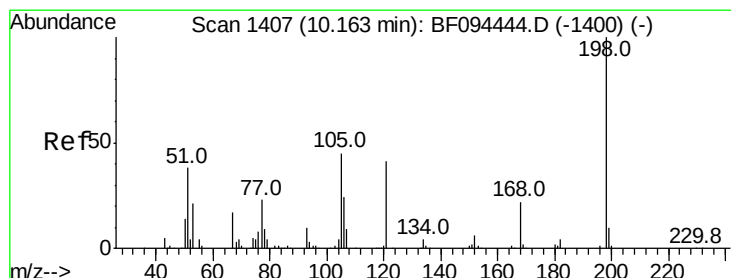
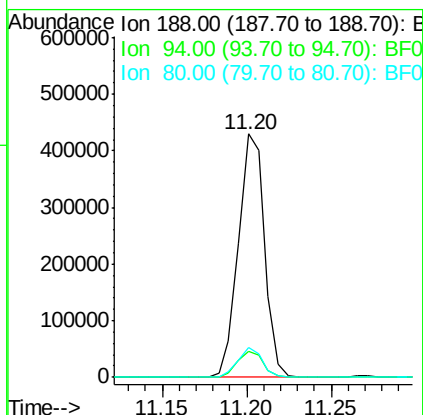
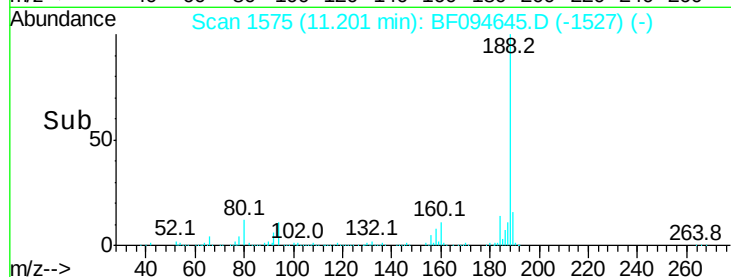
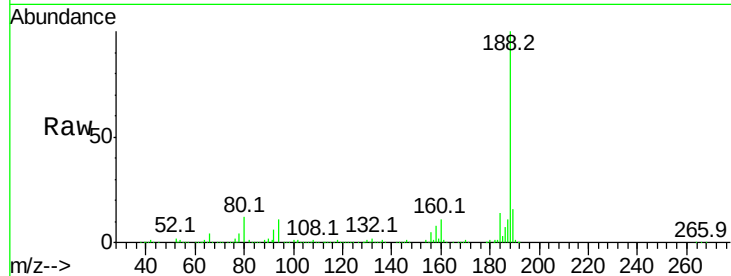




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

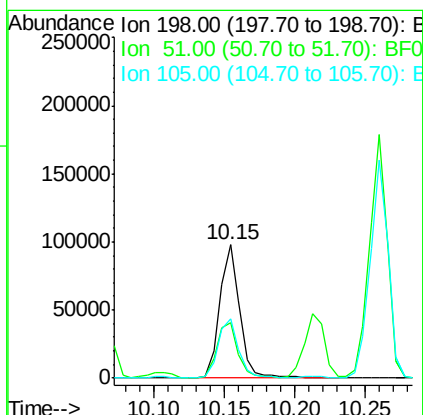
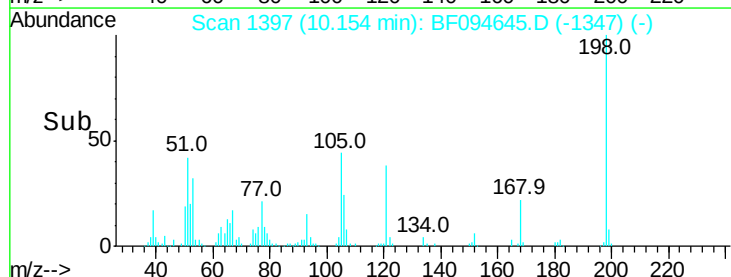
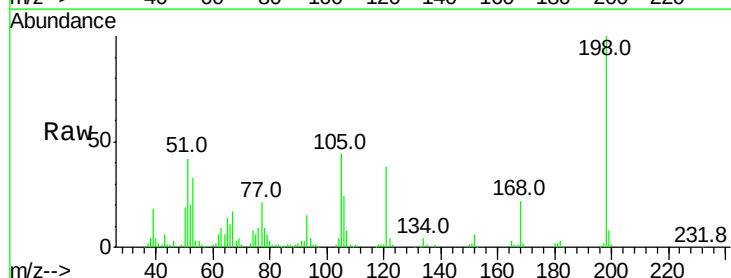
Instrument :
 BNA_F
 ClientSampleId :

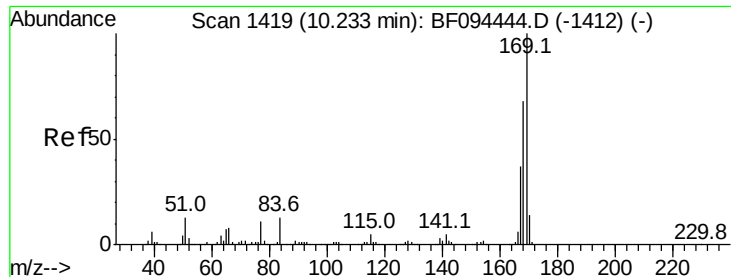
Tot Ion:188 Resp: 463441
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.4 14.2
 80 12.1 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.84 ng
 RT: 10.15 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Tgt Ion:198 Resp: 96673
 Ion Ratio Lower Upper
 198 100
 51 41.9 53.2 93.2#
 105 44.5 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 23.07 ng

RT: 10.22 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampled :

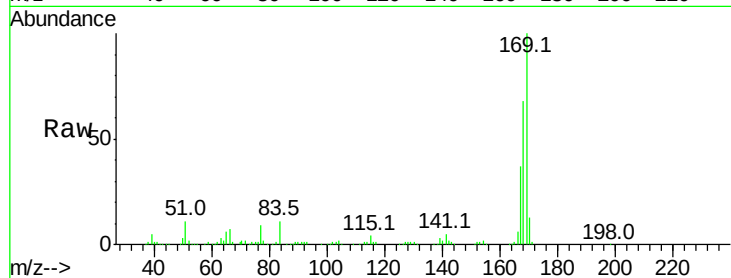
Tot Ion:169 Resp: 371833

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

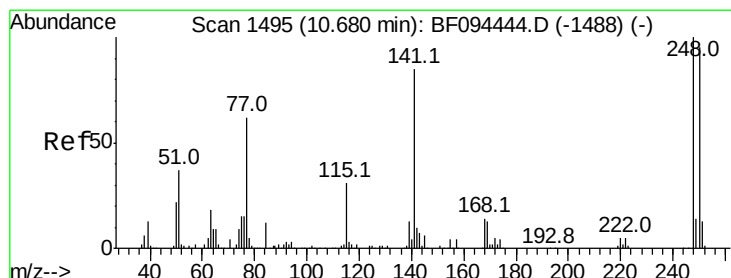
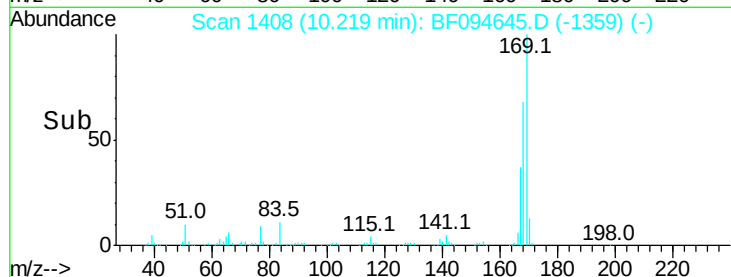
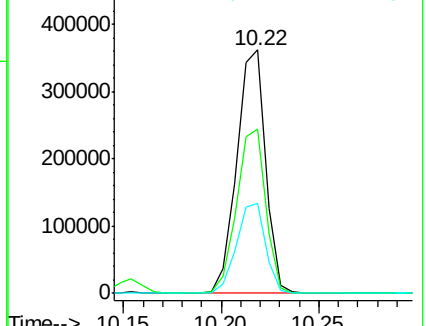
167 37.2 29.5 44.3



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: 35.03 ng

RT: 10.66 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

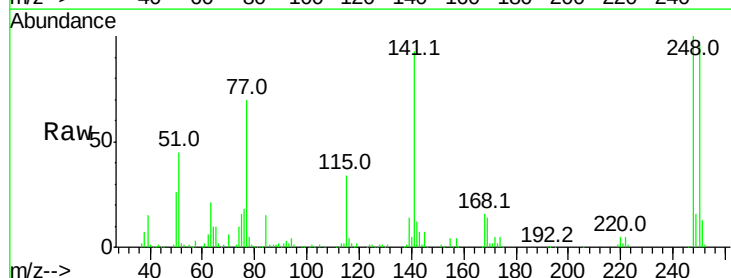
Tgt Ion:248 Resp: 161180

Ion Ratio Lower Upper

248 100

250 95.9 76.8 115.2

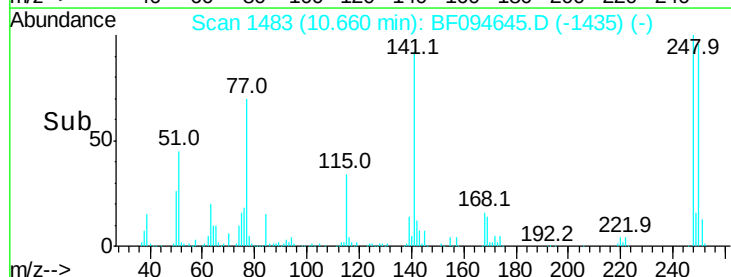
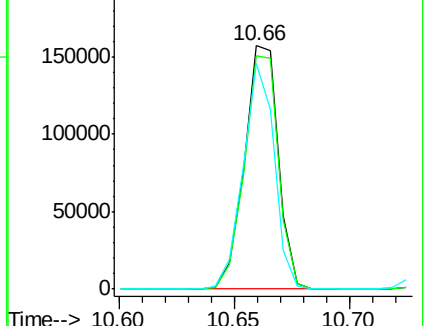
141 92.9 68.6 103.0

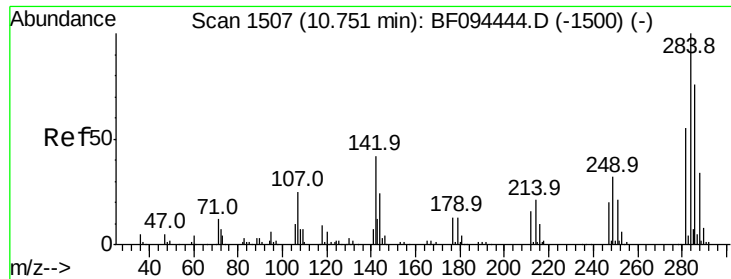


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.50 ng

RT: 10.74 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampleId :

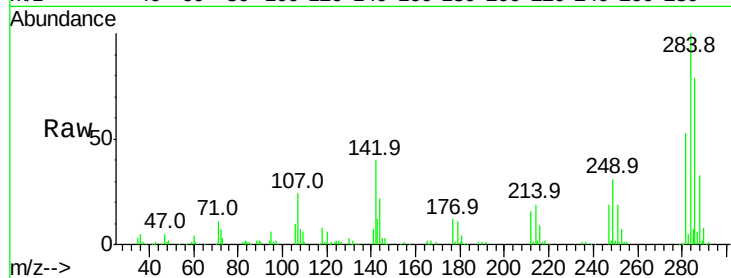
Tot Ion:284 Resp: 159984

Ion Ratio Lower Upper

284 100

142 39.6 22.8 34.2#

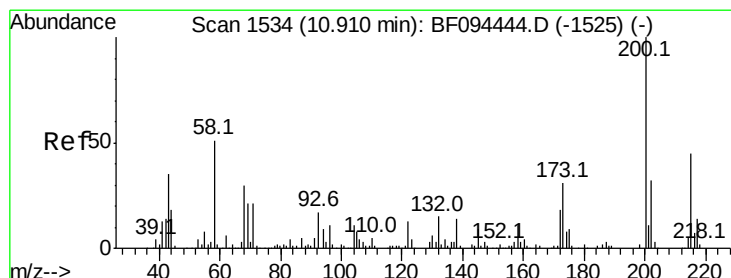
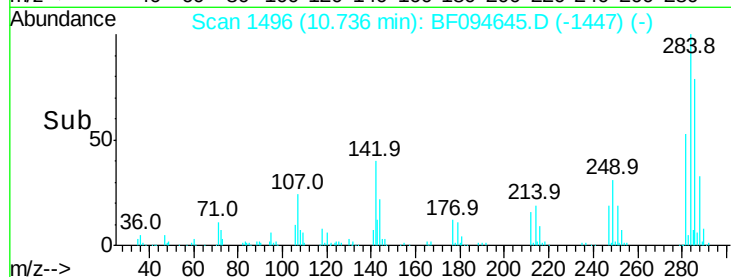
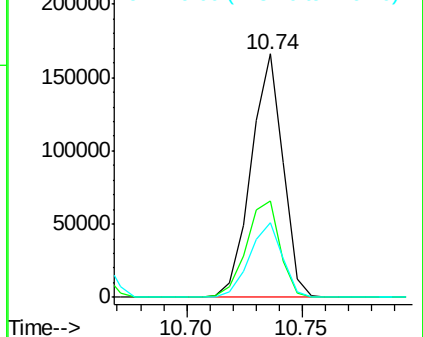
249 30.7 24.0 36.0



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: 17.48 ng

RT: 10.90 min Scan# 1523

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

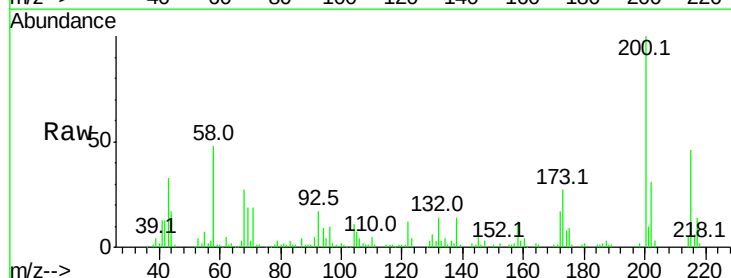
Tgt Ion:200 Resp: 84295

Ion Ratio Lower Upper

200 100

173 27.4 6.3 46.3

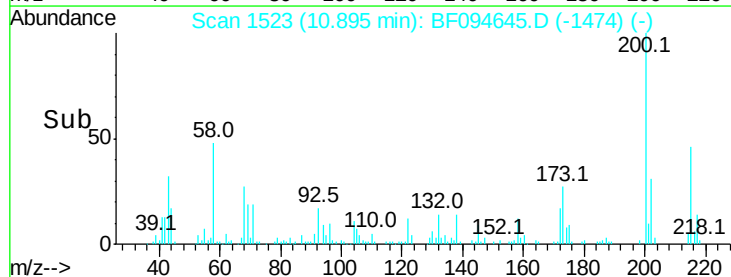
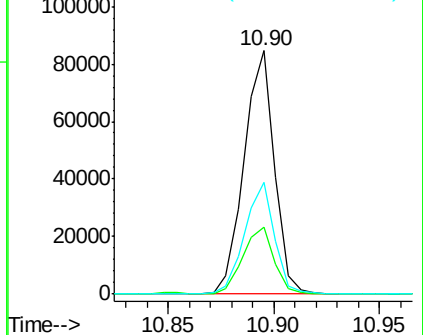
215 45.7 27.2 67.2

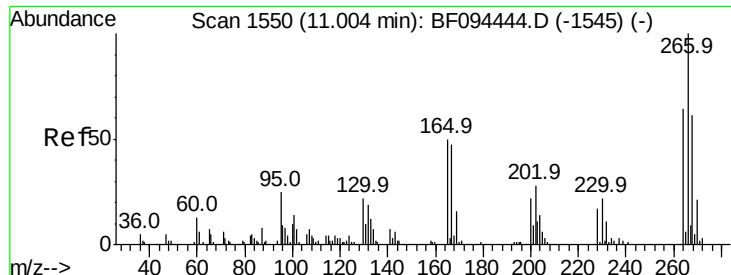


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

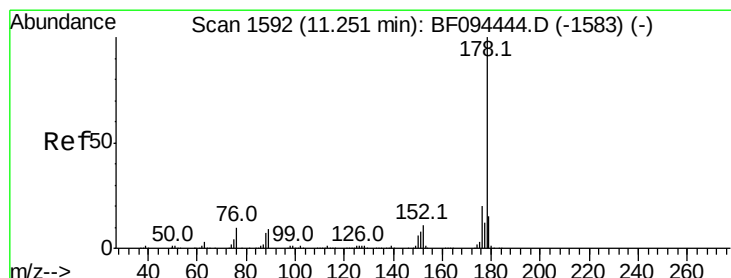
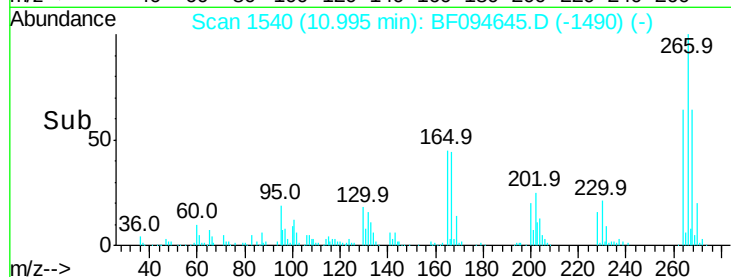
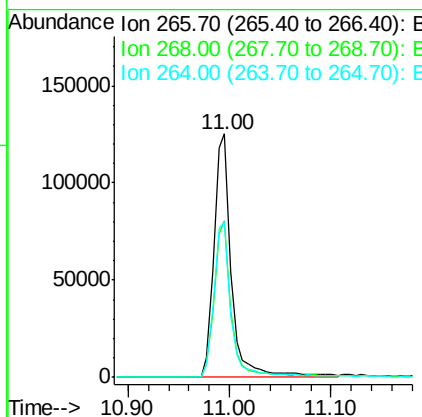
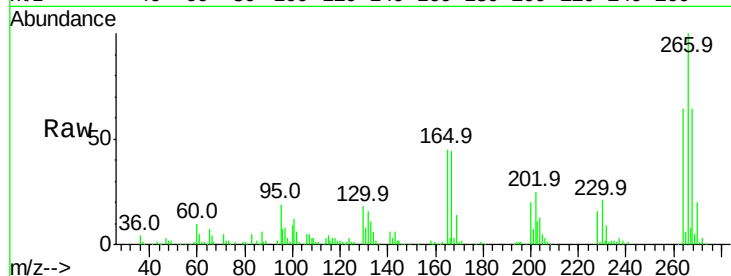




#69
 Pentachlorophenol
 Concen: 81.90 ng
 RT: 11.00 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

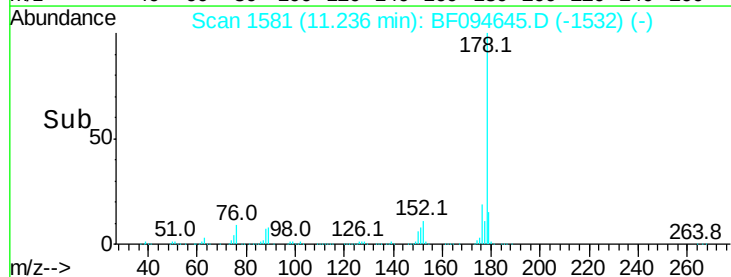
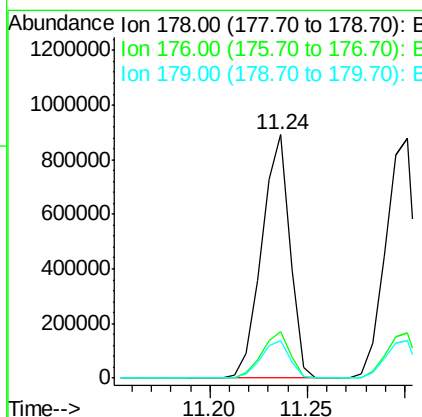
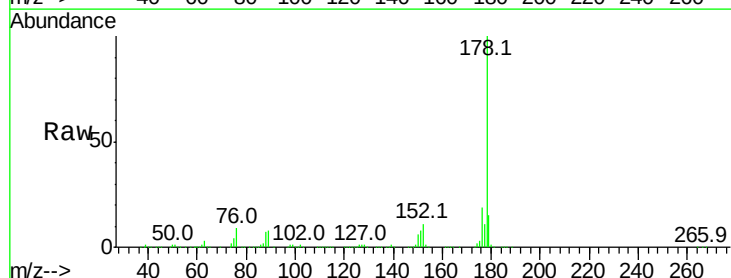
Instrument :
 BNA_F
 ClientSampleId :

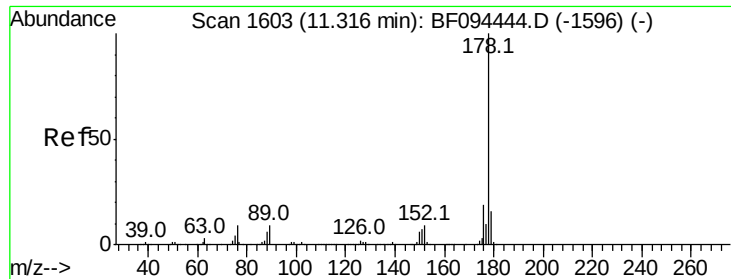
Tot Ion:266 Resp: 150823
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.1 76.7
 264 64.0 51.7 77.5



#70
 Phenanthrene
 Concen: 34.05 ng
 RT: 11.24 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Tgt Ion:178 Resp: 888583
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.4 12.6 19.0

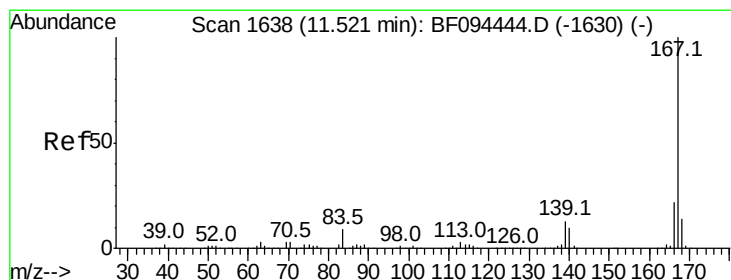
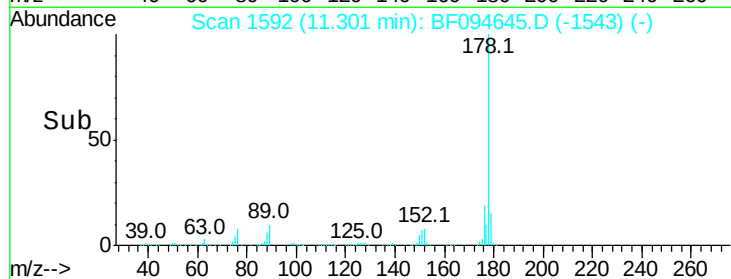
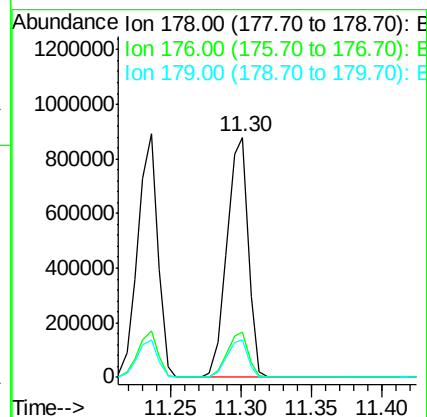
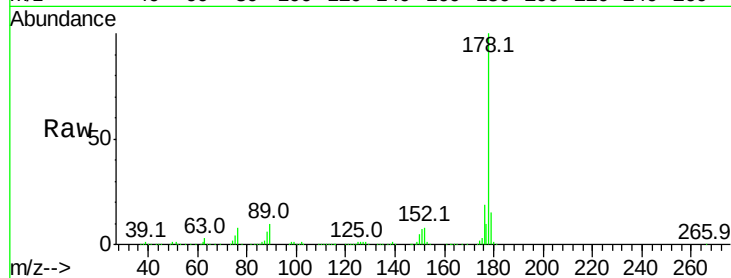




#71
 Anthracene
 Concen: 34.22 ng
 RT: 11.30 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

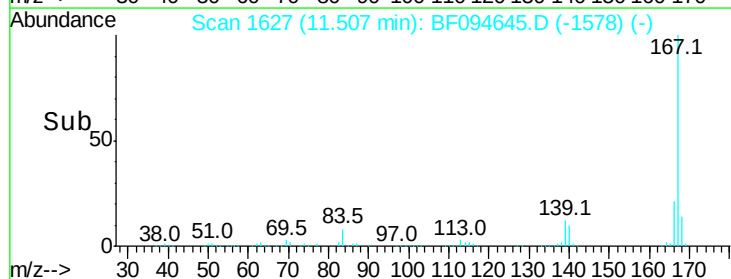
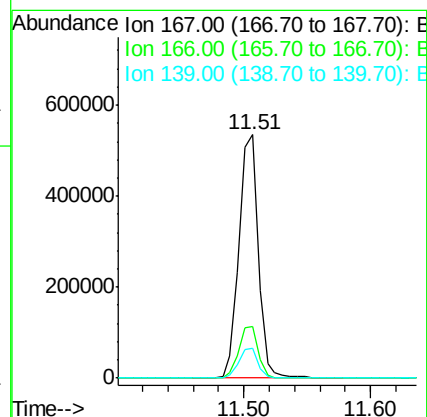
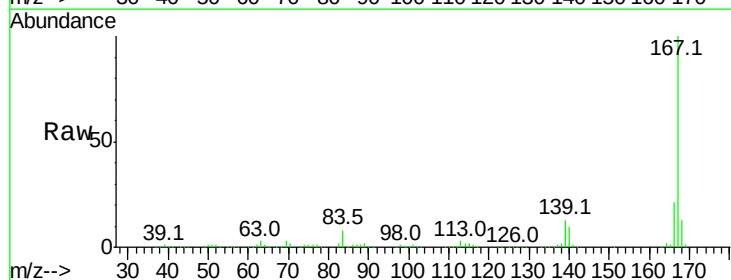
Instrument :
 BNA_F
 ClientSampled :

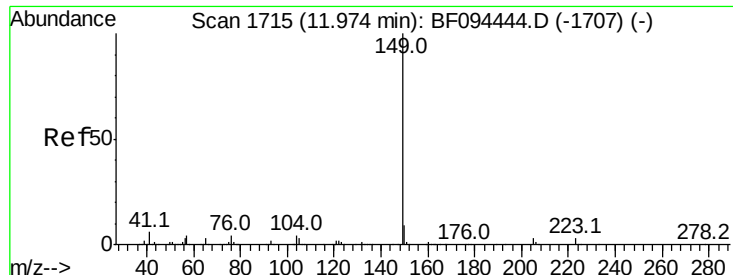
Tot Ion:178 Resp: 923834
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 22.12 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Tgt Ion:167 Resp: 560406
 Ion Ratio Lower Upper
 167 100
 166 21.2 18.1 27.1
 139 12.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 37.30 ng

RT: 11.95 min Scan# 1703

Delta R.T. -0.02 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

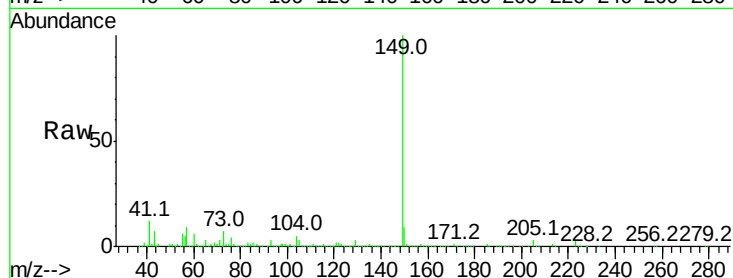
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 1040555

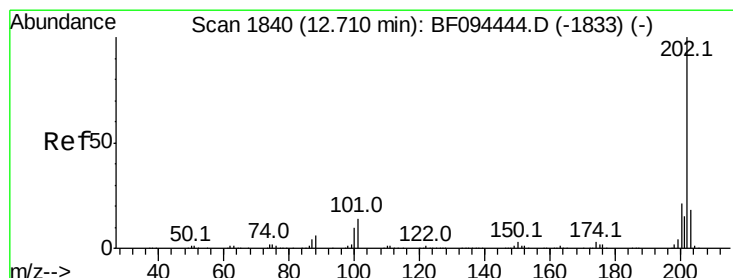
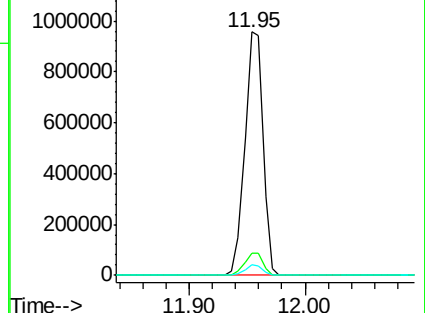
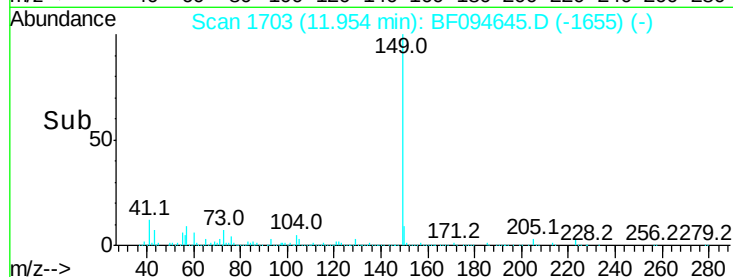
Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.6	4.0	6.0



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: 34.23 ng

RT: 12.69 min Scan# 1829

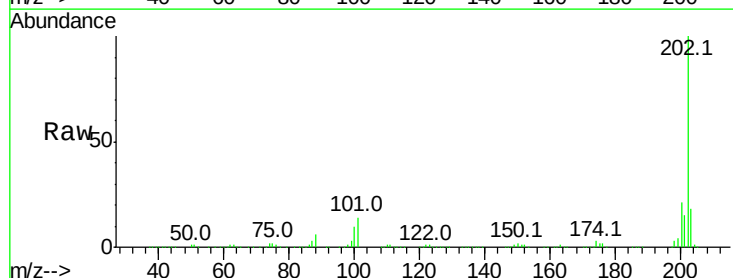
Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Tgt Ion:202 Resp: 925954

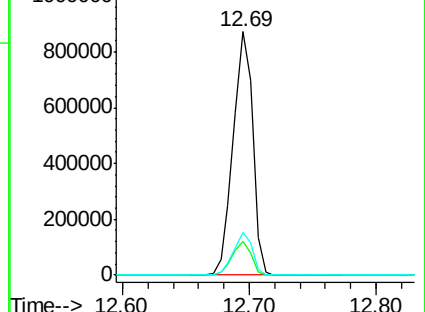
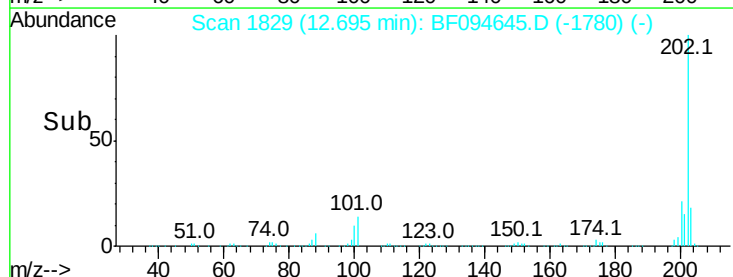
Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	17.7	0.0	38.1

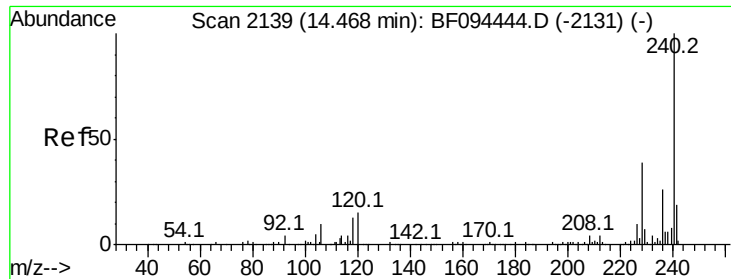


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2129

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampled :

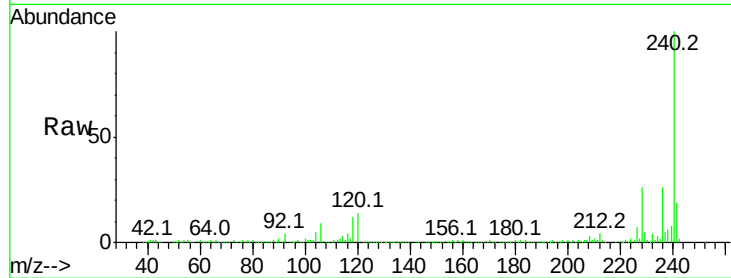
Tot Ion:240 Resp: 385165

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

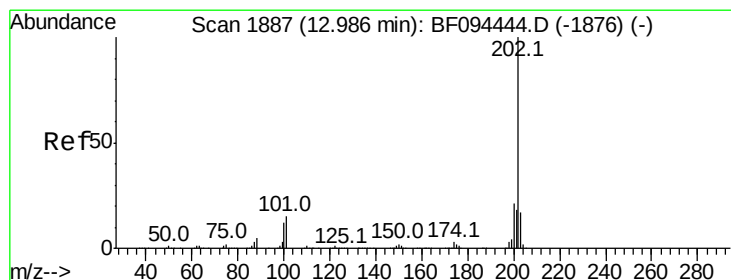
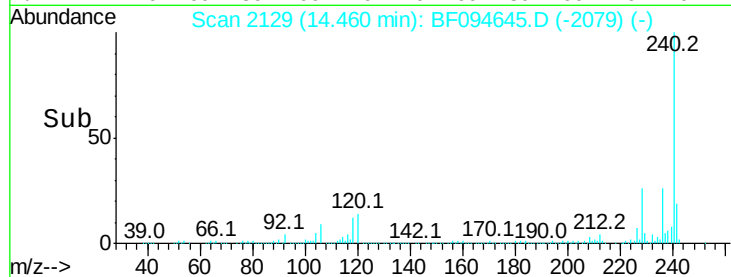
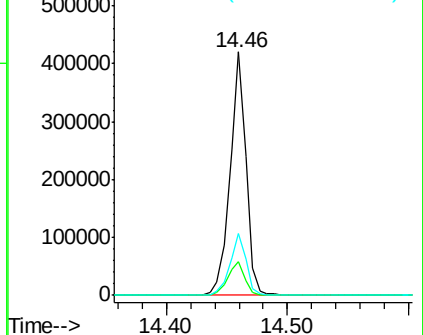
236 25.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 34.18 ng

RT: 12.97 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

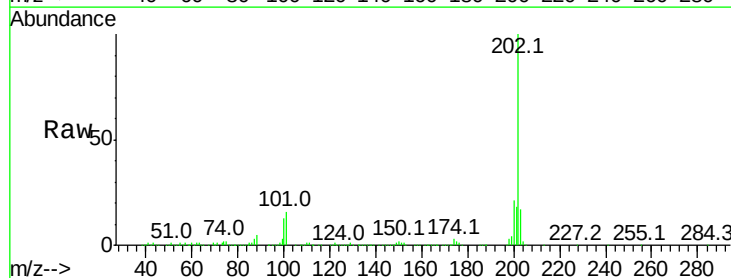
Tgt Ion:202 Resp: 919753

Ion Ratio Lower Upper

202 100

200 21.5 17.6 26.4

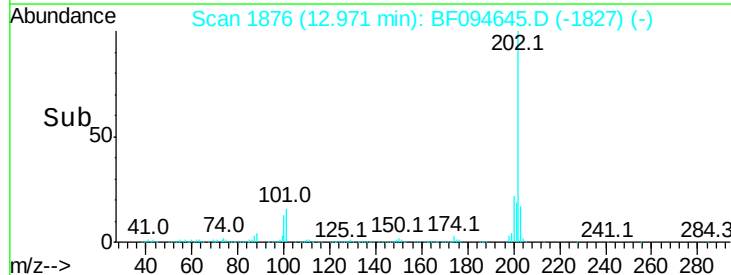
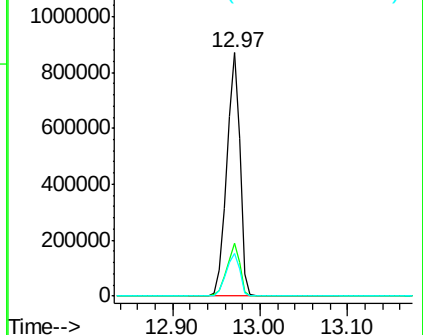
203 17.5 14.4 21.6

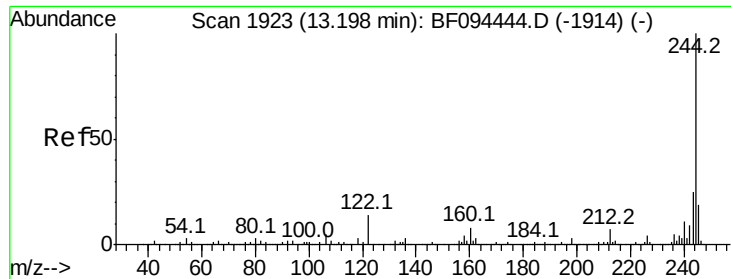


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 80.32 ng

RT: 13.18 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampleId :

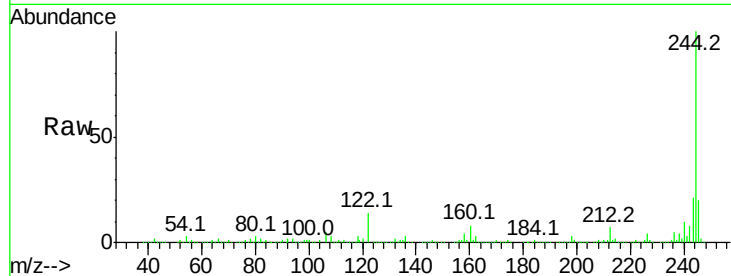
Tot Ion:244 Resp: 1157416

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

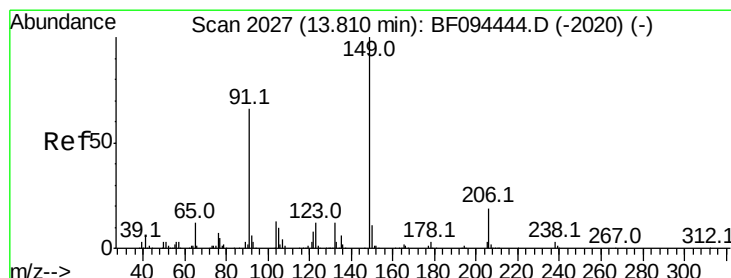
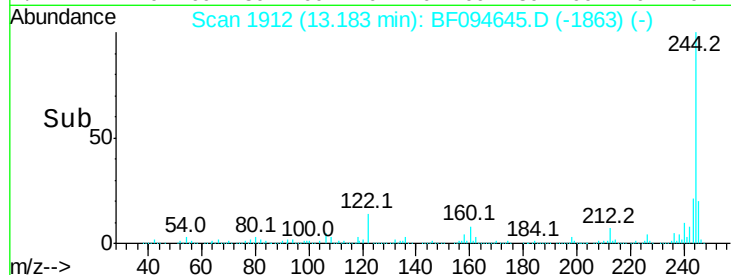
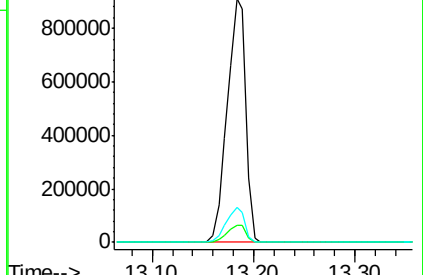
122 14.5 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 38.78 ng

RT: 13.79 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

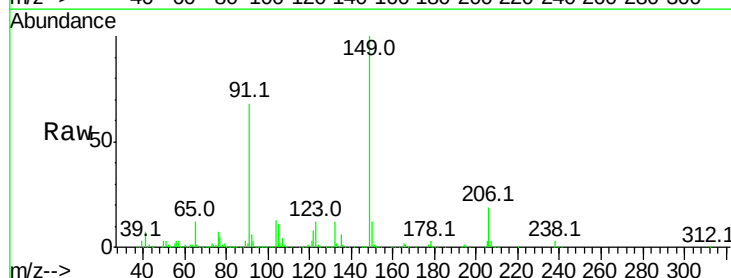
Tgt Ion:149 Resp: 457310

Ion Ratio Lower Upper

149 100

91 67.6 45.0 67.4#

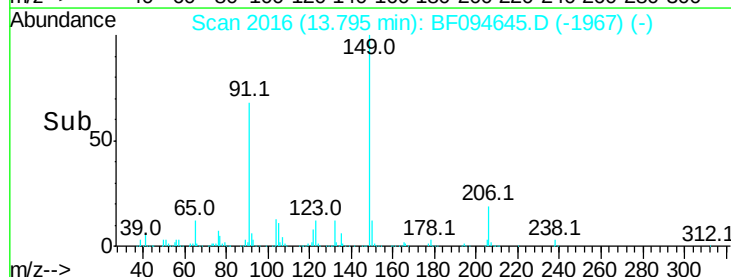
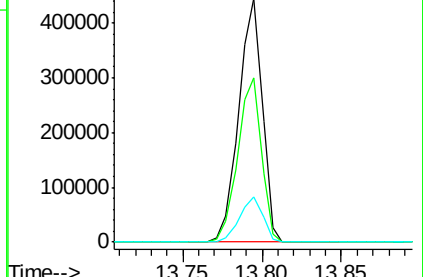
206 18.6 17.0 25.6

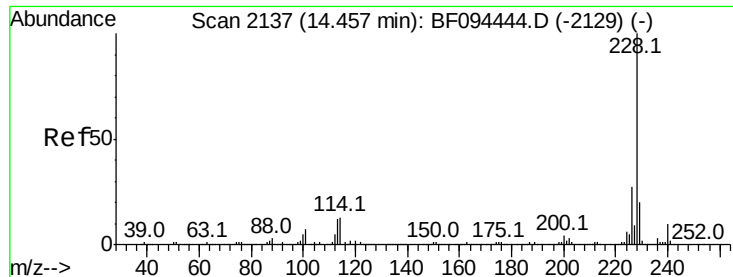


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 34.39 ng

RT: 14.45 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampleId :

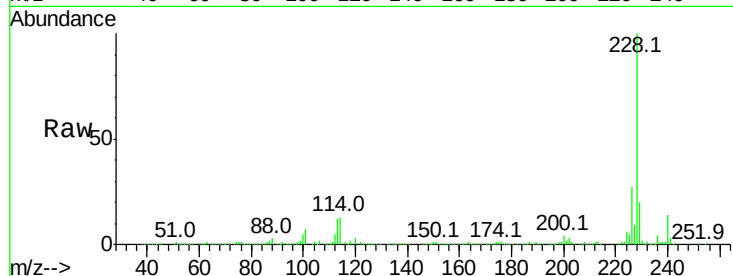
Tot Ion:228 Resp: 769984

Ion Ratio Lower Upper

228 100

226 27.1 22.6 33.8

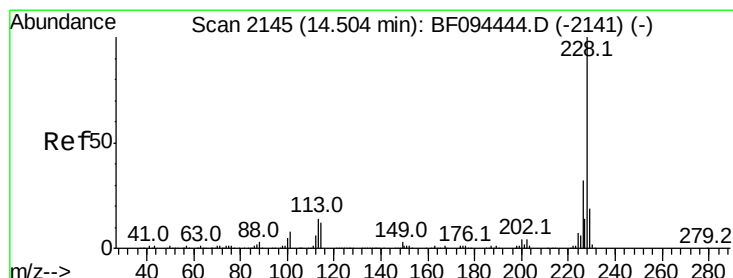
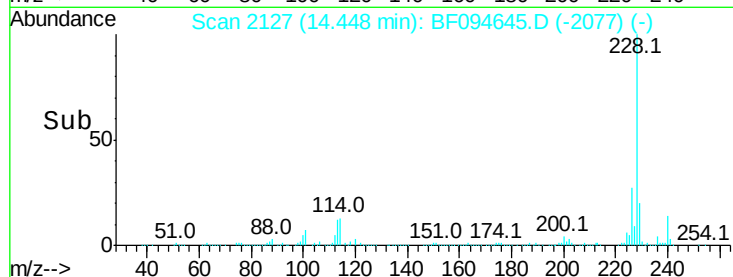
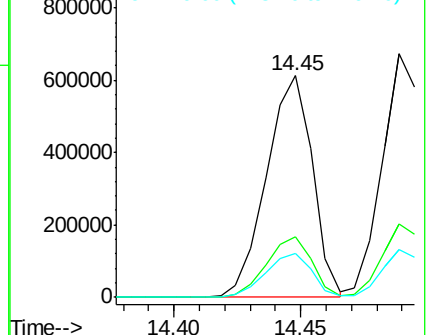
229 19.7 16.3 24.5



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



#82

Chrysene

Concen: 34.78 ng

RT: 14.49 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

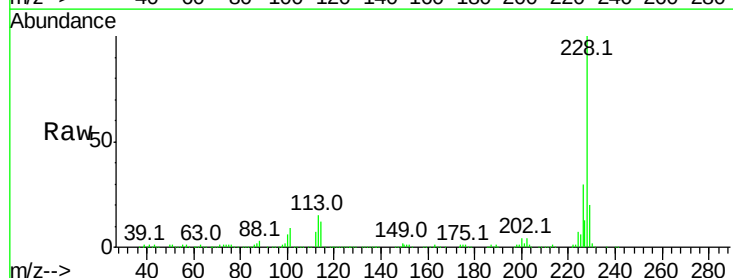
Tgt Ion:228 Resp: 711682

Ion Ratio Lower Upper

228 100

226 30.2 24.9 37.3

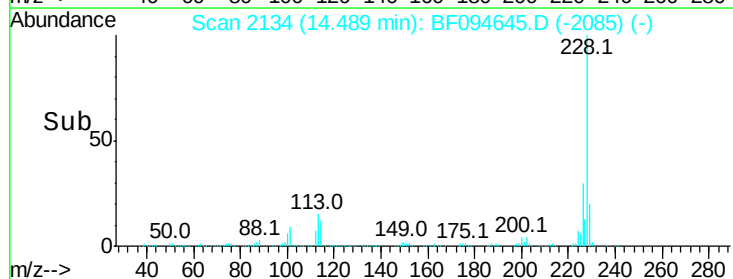
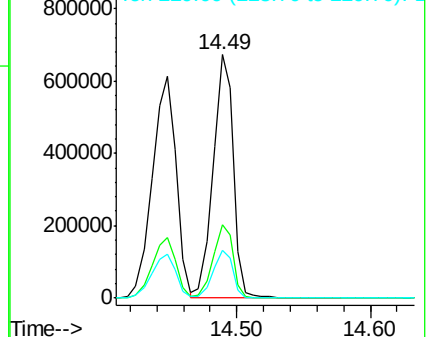
229 19.5 15.8 23.6

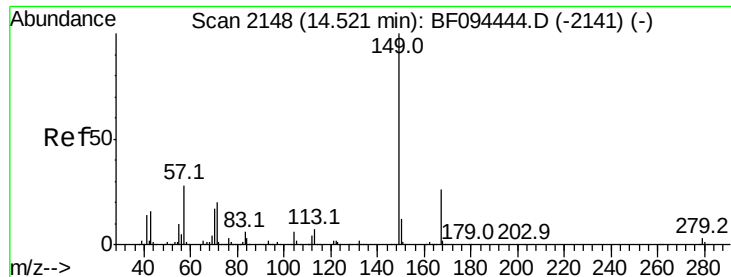


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

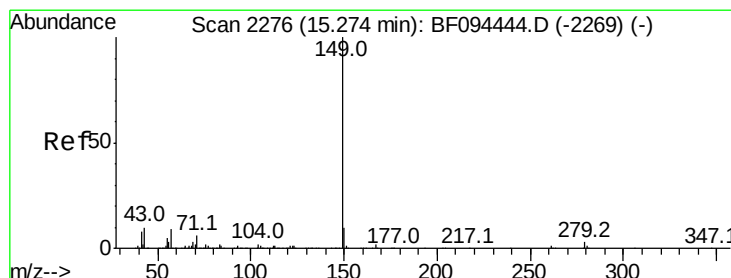
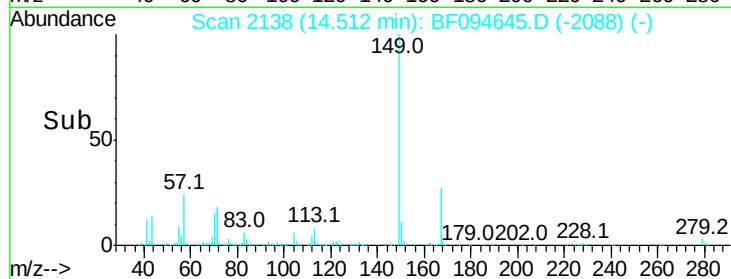
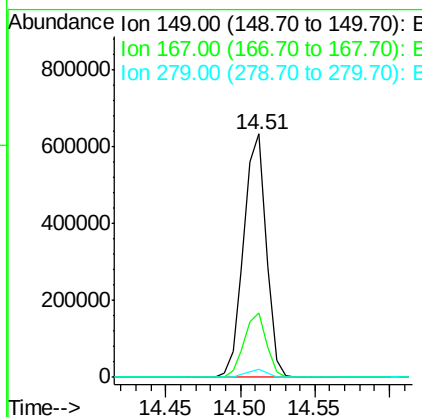
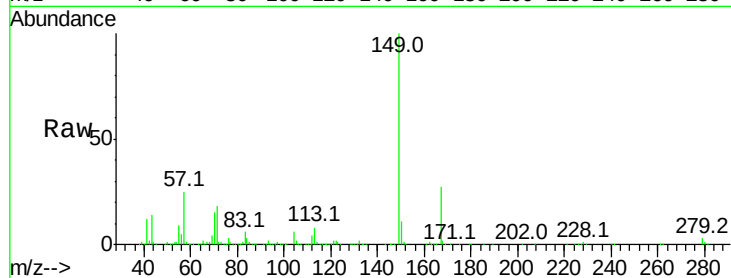




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.23 ng
 RT: 14.51 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

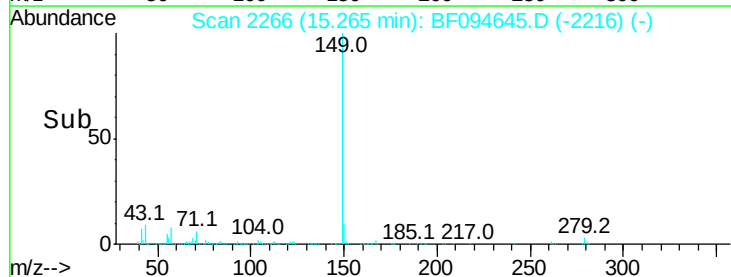
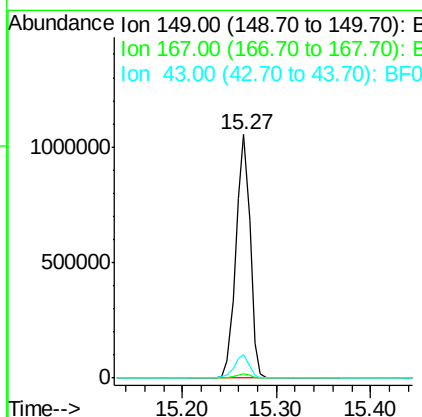
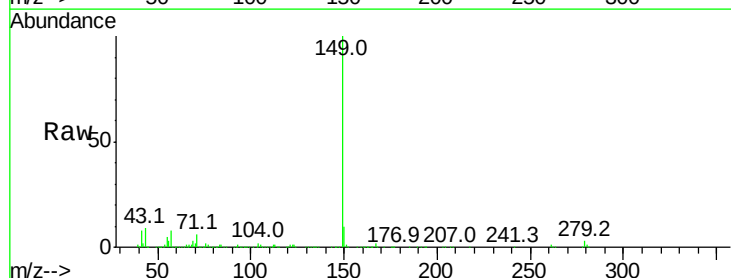
Instrument :
 BNA_F
 ClientSampleId :

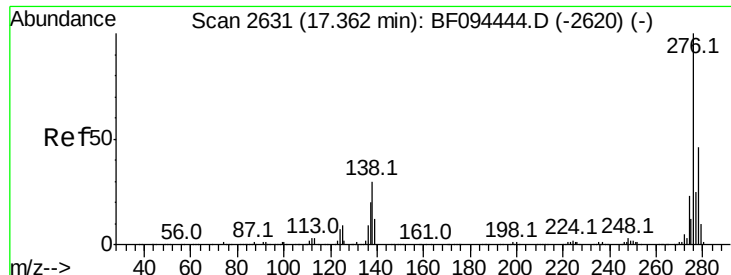
Tot Ion:149 Resp: 668679
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 41.43 ng
 RT: 15.27 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Tgt Ion:149 Resp: 1100519
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.3 8.5 12.7

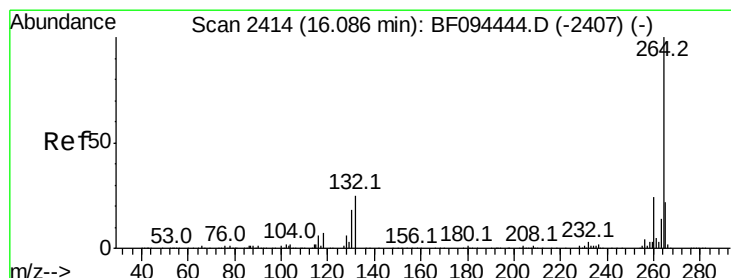
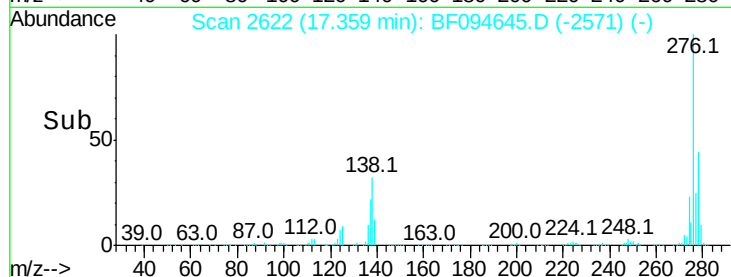
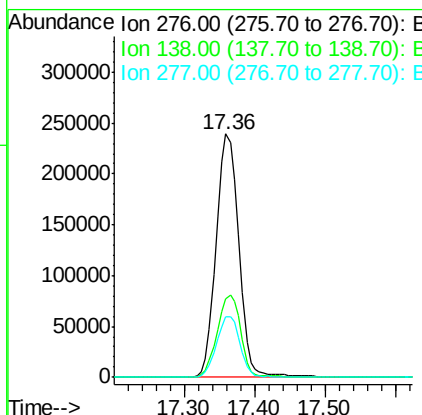
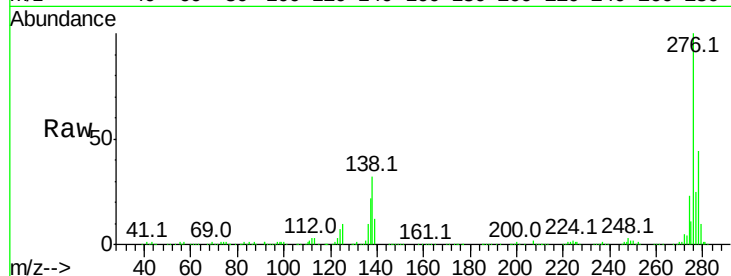




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.70 ng
 RT: 17.36 min Scan# 2622
 Delta R.T. -0.00 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

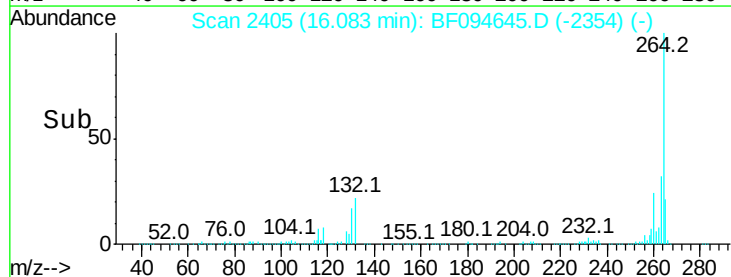
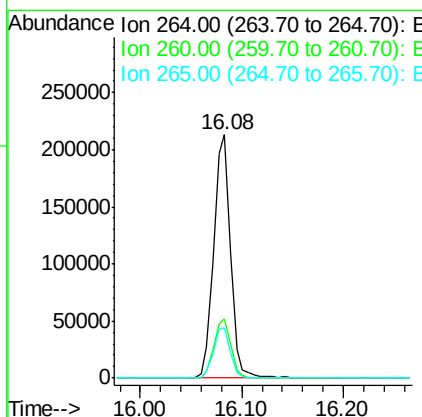
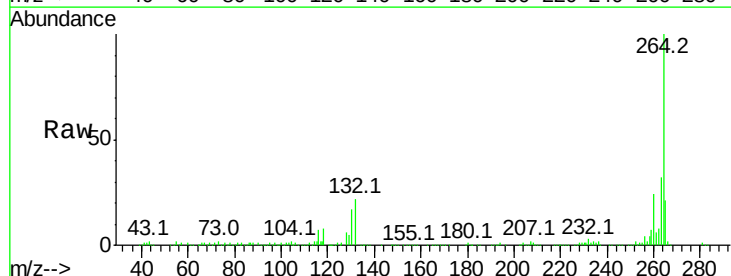
Instrument :
 BNA_F
 ClientSampleId :

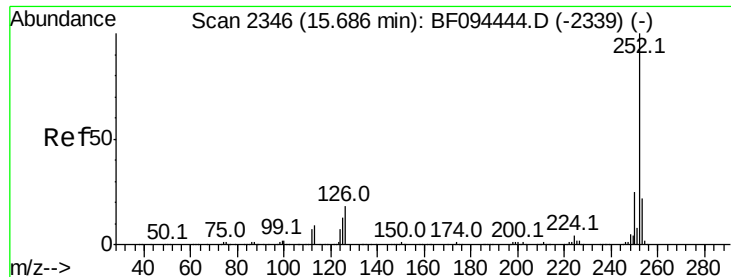
Tot Ion:276 Resp: 539186
 Ion Ratio Lower Upper
 276 100
 138 35.2 27.8 41.6
 277 25.8 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094645.D
 Acq: 26 Apr 2017 14:31

Tgt Ion:264 Resp: 245885
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 20.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 44.11 ng

RT: 15.68 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampleId :

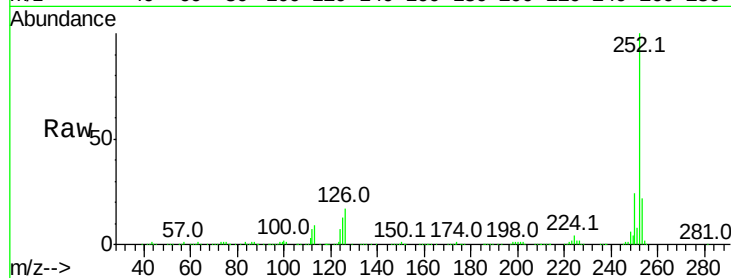
Tot Ion:252 Resp: 663463

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

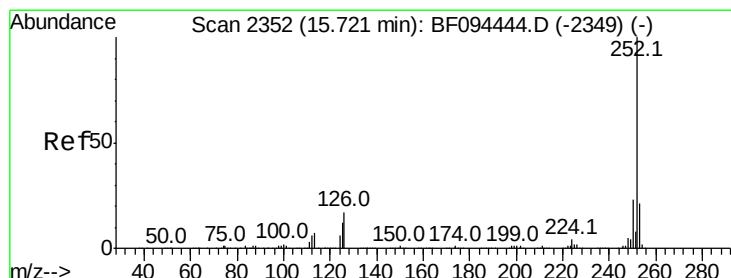
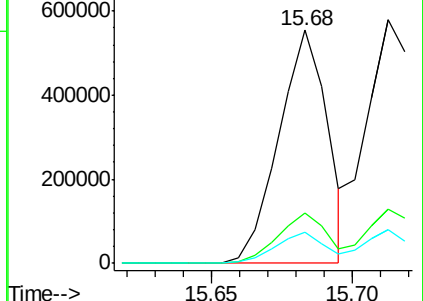
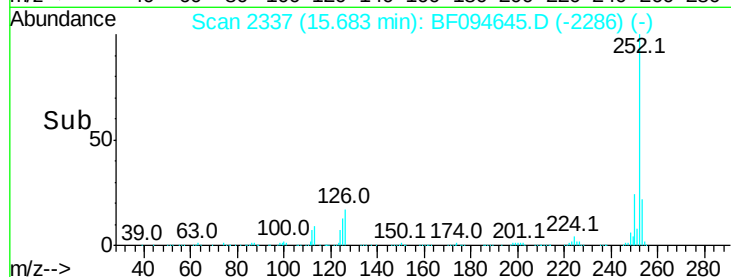
125 13.4 9.8 14.8



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: 46.08 ng

RT: 15.71 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

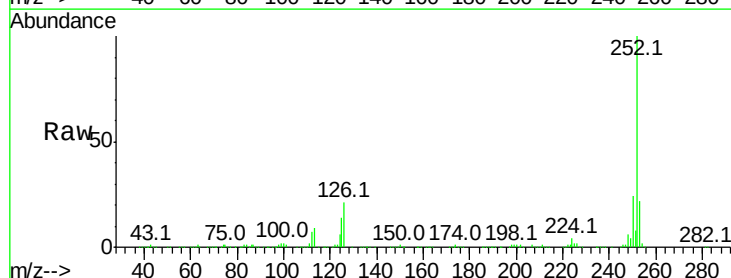
Tgt Ion:252 Resp: 655878

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

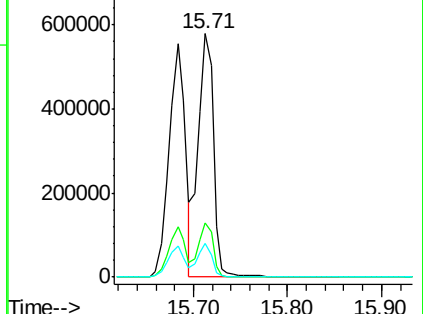
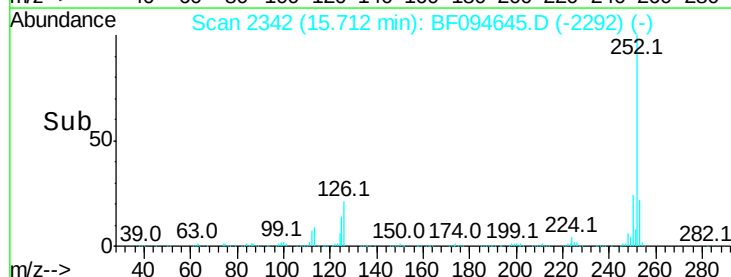
125 14.1 13.1 19.7

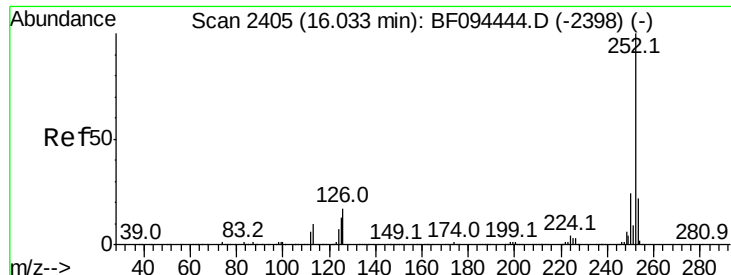


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

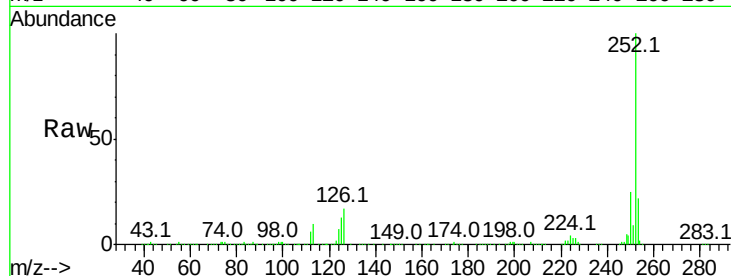




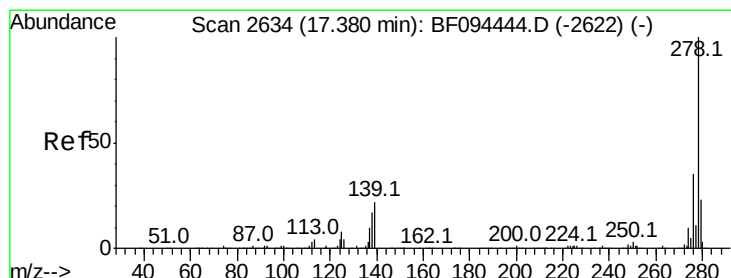
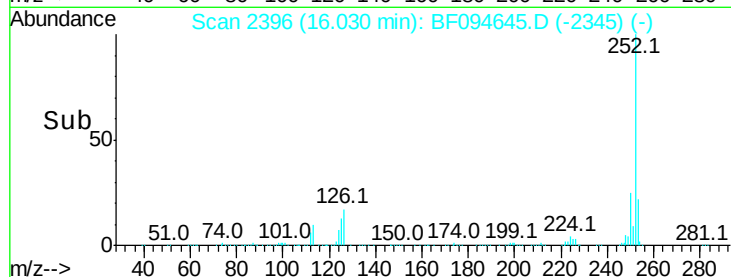
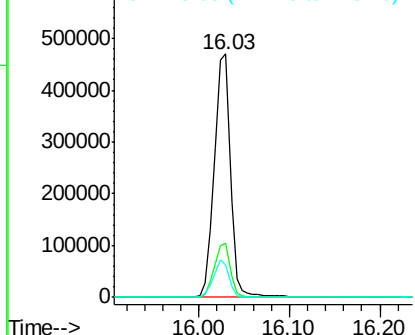
#89
Benzo(a)pyrene
Concen: 41.81 ng
RT: 16.03 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 585090
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 13.2 11.0 16.4

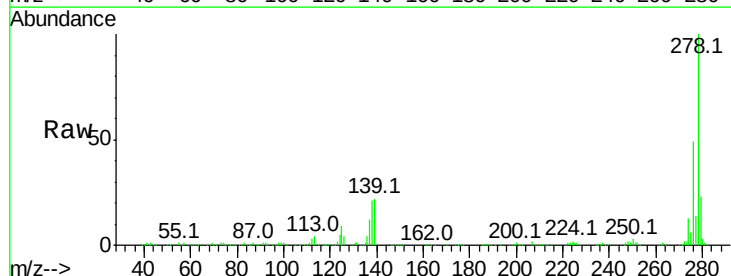


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

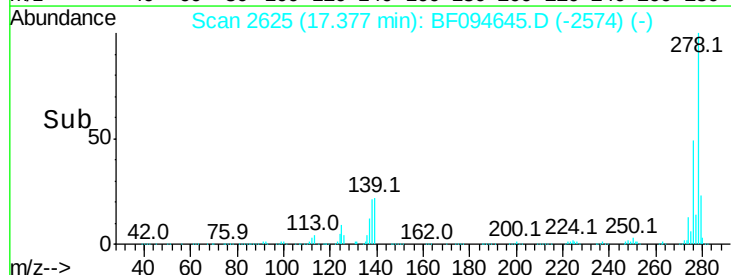
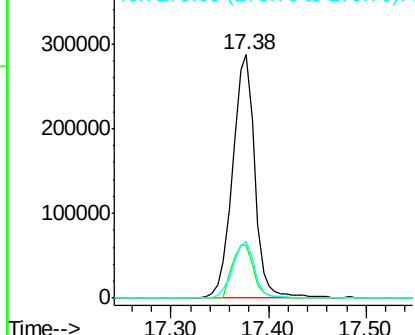


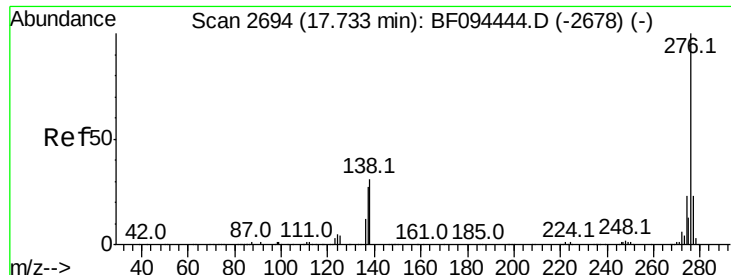
#90
Dibenzo(a,h)anthracene
Concen: 39.24 ng
RT: 17.38 min Scan# 2625
Delta R.T. -0.00 min
Lab File: BF094645.D
Acq: 26 Apr 2017 14:31

Tgt Ion:278 Resp: 455953
Ion Ratio Lower Upper
278 100
139 21.6 16.6 24.8
279 23.3 19.3 28.9



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





#91

Benzo(a,h,i)perylene

Concen: 37.46 ng

RT: 17.74 min Scan# 2686

Delta R.T. 0.00 min

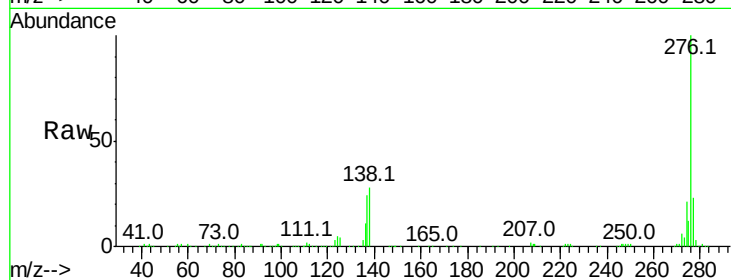
Lab File: BF094645.D

Acq: 26 Apr 2017 14:31

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 443185

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 28.5 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

