

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094598.D
 Acq On : 25 Apr 2017 11:59
 Operator : SJ/MA
 Sample : PB98413BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 01:21:00 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	121281	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	490001	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	223241	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	412897	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	349705	20.00	ng	-0.01
86) Perylene-d12	16.08	264	255614	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	954663	130.59	ng	0.00
7) Phenol-d6	5.39	99	1153826	133.88	ng	0.00
23) Nitrobenzene-d5	6.41	82	716010	90.23	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	247157	141.54	ng	0.00
44) 2-Fluorobiphenyl	8.57	172	1283277	84.58	ng	-0.01
78) Terphenyl-d14	13.18	244	1226318	93.73	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.13	88	120188	28.27	ng	98
3) Pyridine	2.65	79	337022	36.27	ng	98
4) n-Nitrosodimethylamine	2.60	42	152385	39.64	ng	89
6) Aniline	5.39	93	307970	26.89	ng	# 77
8) 2-Chlorophenol	5.53	128	357487	42.98	ng	95
9) Benzaldehyde	5.25	77	108016	16.48	ng	99
10) Phenol	5.40	94	434279	41.02	ng	97
11) bis(2-Chloroethyl)ether	5.47	93	328078	42.42	ng	97
12) 1,3-Dichlorobenzene	5.69	146	376814	40.89	ng	99
13) 1,4-Dichlorobenzene	5.78	146	382022	41.20	ng	98
14) 1,2-Dichlorobenzene	5.95	146	352290	41.25	ng	97
15) Benzyl Alcohol	5.94	79	270881	42.37	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.09	45	424838	41.90	ng	66
17) 2-Methylphenol	6.08	107	283756	43.31	ng	94
18) Hexachloroethane	6.34	117	129884	40.86	ng	# 86
19) n-Nitroso-di-n-propylamine	6.25	70	245699	43.03	ng	96
20) 3+4-Methylphenols	6.26	107	394046	44.26	ng	# 60
22) Acetophenone	6.23	105	500643	42.02	ng	# 86
24) Nitrobenzene	6.43	77	353233	42.27	ng	93
25) Isophorone	6.72	82	627835	42.68	ng	95
26) 2-Nitrophenol	6.80	139	198294	44.17	ng	96
27) 2,4-Dimethylphenol	6.88	122	314274	43.10	ng	99
28) bis(2-Chloroethoxy)methane	6.98	93	406130	42.68	ng	99
29) 2,4-Dichlorophenol	7.10	162	302488	44.59	ng	97
30) 1,2,4-Trichlorobenzene	7.18	180	292043	41.64	ng	98
31) Naphthalene	7.28	128	980289	41.61	ng	100
32) Benzoic acid	7.05	122	114568	29.71	ng	91
33) 4-Chloroaniline	7.35	127	83932	8.56	ng	94
34) Hexachlorobutadiene	7.43	225	144958	41.45	ng	97
35) Caprolactam	7.82	113	52139	24.46	ng	92
36) 4-Chloro-3-methylphenol	7.98	107	317404	44.64	ng	88
37) 2-Methylnaphthalene	8.12	142	688875	42.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	263921	41.52	ng	99
40) Hexachlorocyclopentadiene	8.31	237	259192	100.79	ng	98

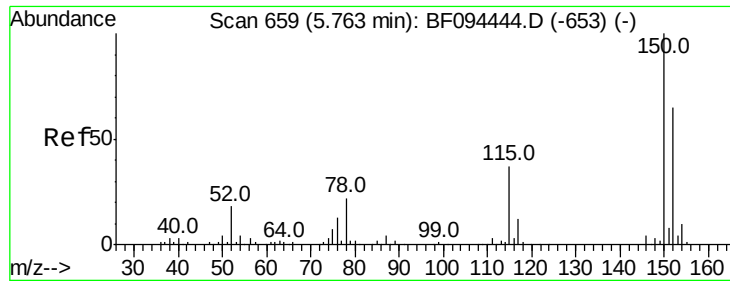
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094598.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	199580	44.71	nq	99
43) 2,4,5-Trichlorophenol	8.54	196	204267	44.56	nq	# 90
45) 1,1'-Biphenyl	8.69	154	769313	42.18	nq	98
46) 2-Chloronaphthalene	8.71	162	622185	42.90	nq	95
47) 2-Nitroaniline	8.85	65	180384	43.24	nq	# 79
48) Acenaphthylene	9.21	152	966929	42.77	nq	98
49) Dimethylphthalate	9.09	163	752246	45.22	nq	99
50) 2,6-Dinitrotoluene	9.15	165	169343	45.35	nq	97
51) Acenaphthene	9.42	154	575427	42.49	nq	100
52) 3-Nitroaniline	9.35	138	92991	21.52	nq	89
53) 2,4-Dinitrophenol	9.50	184	104528	53.63	nq	# 68
54) Dibenzofuran	9.64	168	858236	43.61	nq	98
55) 4-Nitrophenol	9.64	139	579537	189.87	nq	# 33
56) 2,4-Dinitrotoluene	9.65	165	220342	48.09	nq	# 83
57) Fluorene	10.06	166	661300	43.15	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	153752	46.79	nq	96
59) Diethylphthalate	9.95	149	713630	45.46	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	285630	44.78	nq	92
61) 4-Nitroaniline	10.11	138	170735	38.87	nq	96
62) Azobenzene	10.26	77	686278	45.03	nq	97
64) 4,6-Dinitro-2-methylphenol	10.15	198	89480	33.08	nq	# 72
65) n-Nitrosodiphenylamine	10.22	169	613260	42.71	nq	99
66) 4-Bromophenyl-phenylether	10.67	248	177538	43.30	nq	94
67) Hexachlorobenzene	10.74	284	180275	43.63	nq	# 89
68) Atrazine	10.90	200	192923	44.91	nq	97
69) Pentachlorophenol	10.99	266	157943	96.27	nq	98
70) Phenanthrene	11.24	178	995717	42.82	nq	98
71) Anthracene	11.30	178	1030956	42.87	nq	99
72) Carbazole	11.51	167	979990	43.41	nq	97
73) Di-n-butylphthalate	11.95	149	1159220	46.64	nq	99
74) Fluoranthene	12.69	202	1053181	43.70	nq	99
76) Benzidine	12.87	184	386812	27.32	nq	# 93
77) Pyrene	12.97	202	1068227	43.72	nq	99
79) Butylbenzylphthalate	13.79	149	509530	47.59	nq	91
80) Benzo(a)anthracene	14.44	228	894642	44.01	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	176349	24.51	nq	# 96
82) Chrysene	14.49	228	804331	43.30	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	727781	50.62	nq	# 99
84) Di-n-octyl phthalate	15.27	149	1134900	47.06	nq	97
85) Indeno(1,2,3-cd)pyrene	17.35	276	668158	37.80	nq	100
87) Benzo(b)fluoranthene	15.68	252	697712	44.62	nq	97
88) Benzo(k)fluoranthene	15.71	252	712678	48.16	nq	96
89) Benzo(a)pyrene	16.02	252	646497	44.44	nq	99
90) Dibenzo(a,h)anthracene	17.37	278	550937	45.61	nq	97
91) Benzo(g,h,i)perylene	17.72	276	566662	46.08	nq	99

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

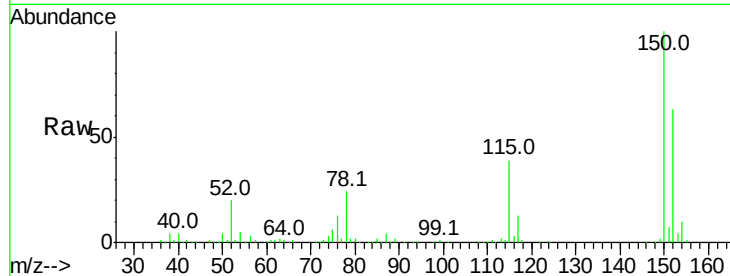


#1

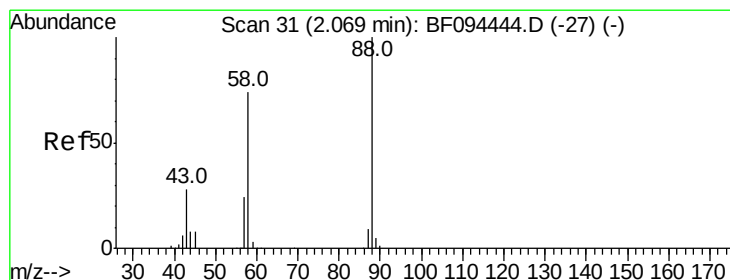
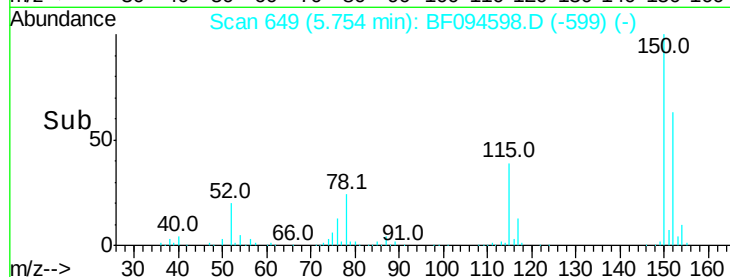
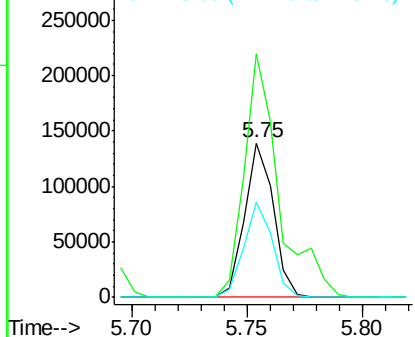
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 121281
Ion Ratio Lower Upper
152 100
150 157.8 126.2 189.2
115 61.5 52.2 78.2



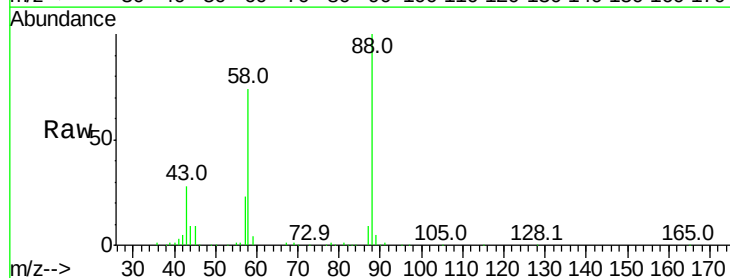
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



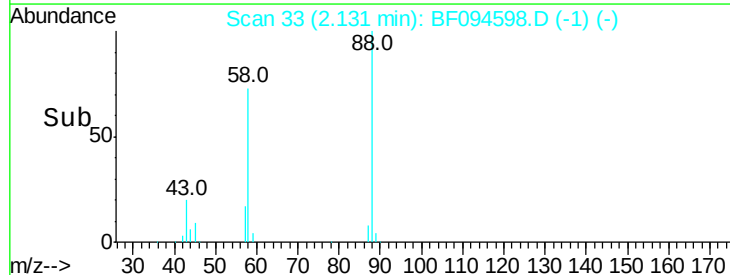
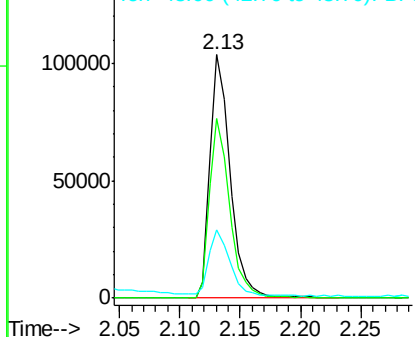
#2

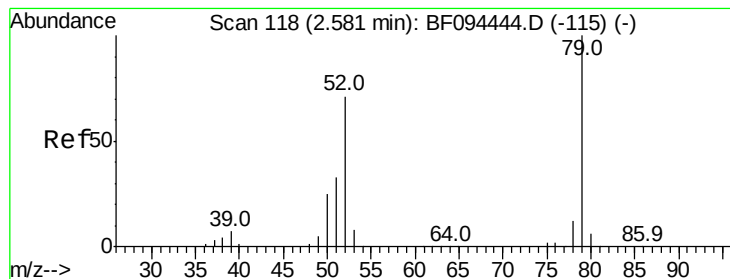
1,4-Dioxane
Concen: 28.27 ng
RT: 2.13 min Scan# 33
Delta R.T. 0.06 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion: 88 Resp: 120188
Ion Ratio Lower Upper
88 100
58 74.0 61.4 92.0
43 29.2 23.4 35.0



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





#3

Pvridine

Concen: 36.27 ng

RT: 2.65 min Scan# 122

Delta R.T. 0.07 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampled :

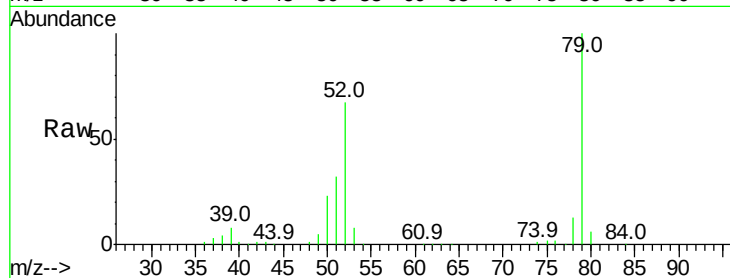
Tot Ion: 79 Resp: 337022

Ion Ratio Lower Upper

79 100

52 67.2 54.8 82.2

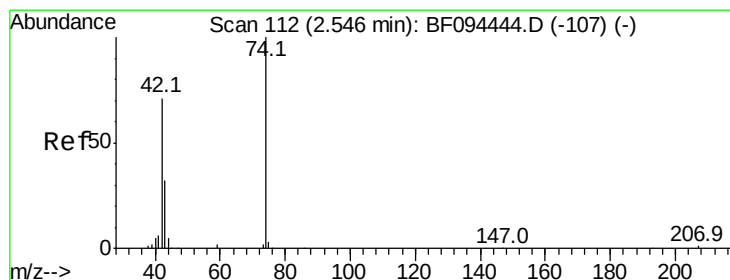
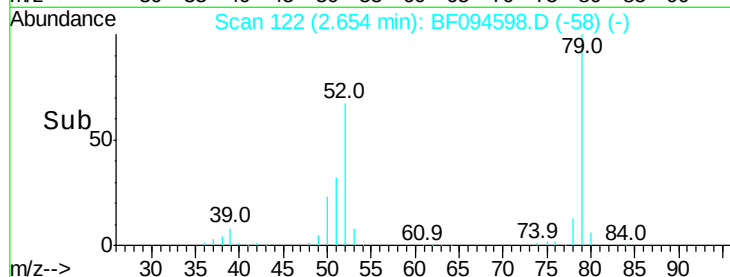
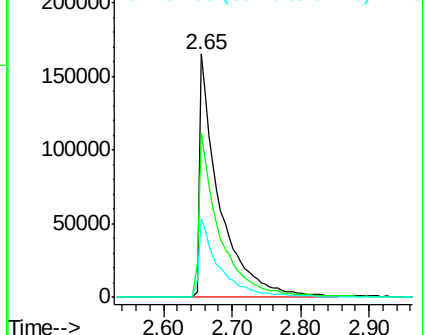
51 32.3 27.0 40.4



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: 39.64 ng

RT: 2.60 min Scan# 112

Delta R.T. 0.05 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

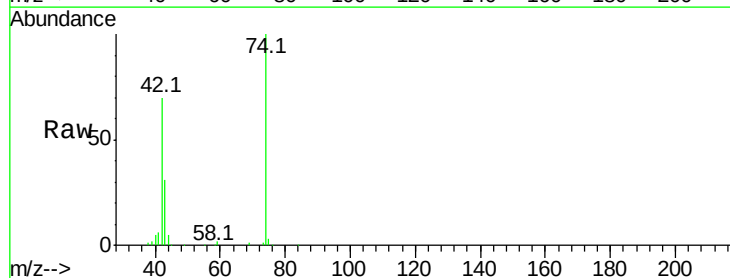
Tgt Ion: 42 Resp: 152385

Ion Ratio Lower Upper

42 100

74 143.0 103.9 155.9

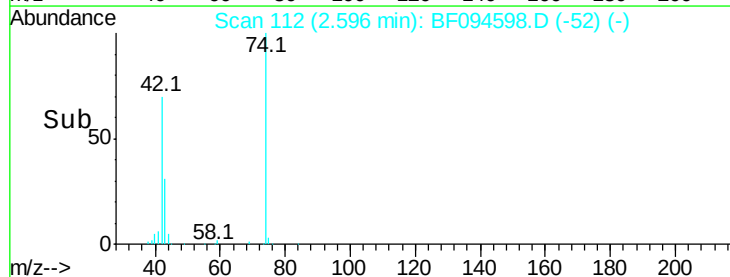
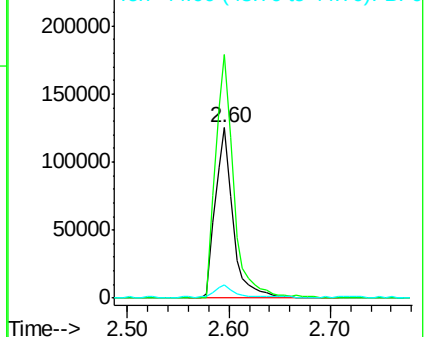
44 7.6 5.7 8.5

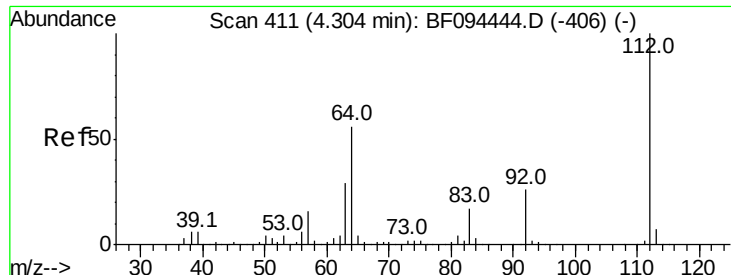


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 130.59 ng

RT: 4.31 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampleId :

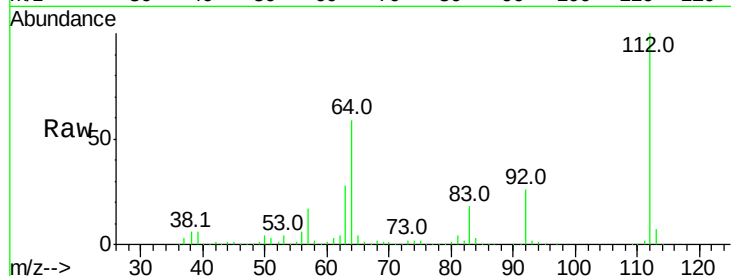
Tot Ion:112 Resp: 954663

Ion Ratio Lower Upper

112 100

64 59.5 46.0 69.0

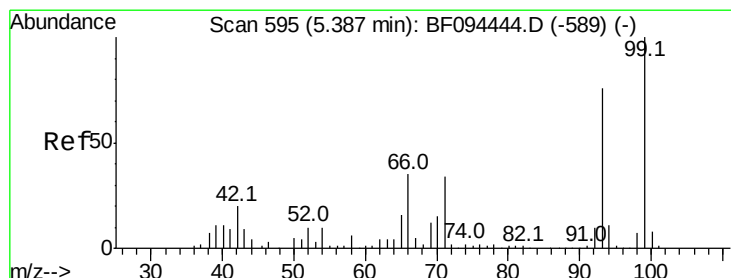
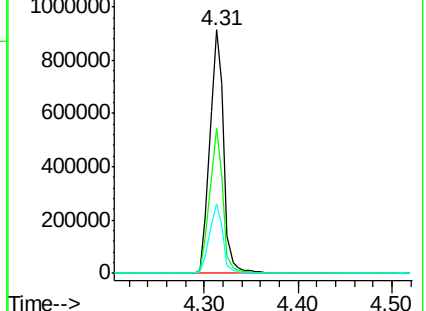
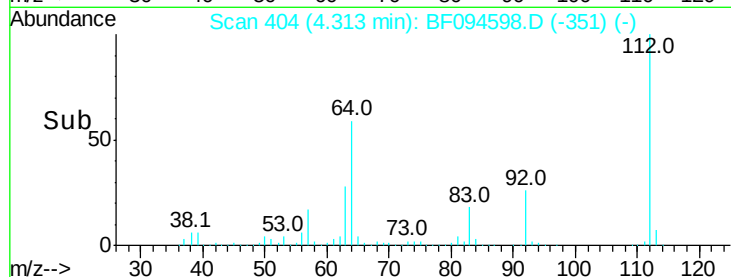
63 28.4 23.4 35.0



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: 26.89 ng

RT: 5.39 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

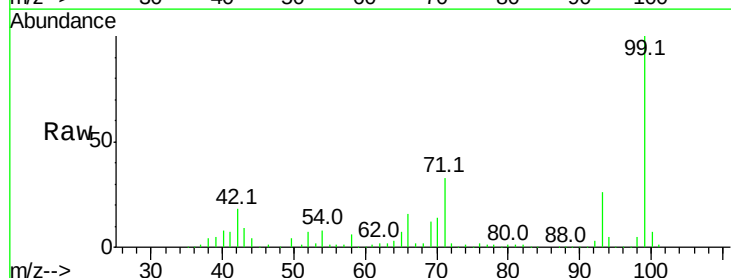
Tgt Ion: 93 Resp: 307970

Ion Ratio Lower Upper

93 100

66 59.5 32.9 49.3#

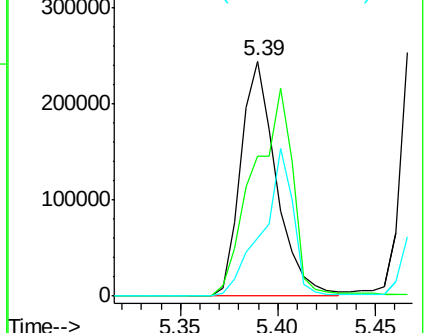
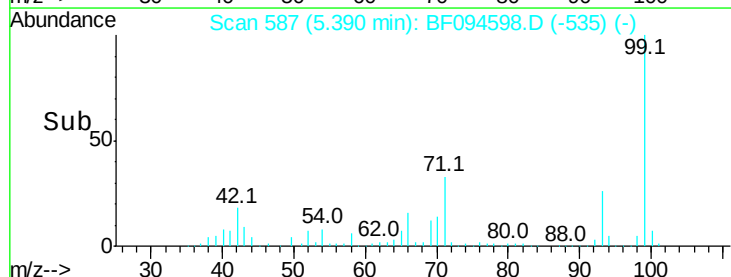
65 24.9 16.0 24.0#

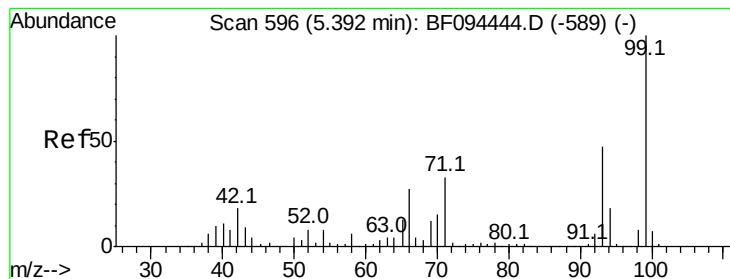


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.88 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampled :

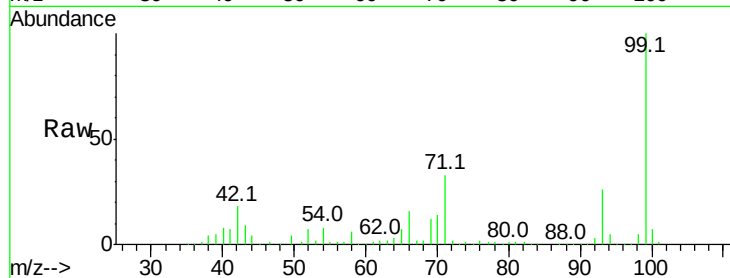
Tot Ion: 99 Resp: 1153826

Ion Ratio Lower Upper

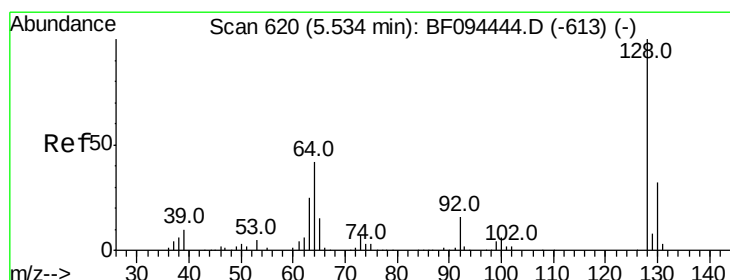
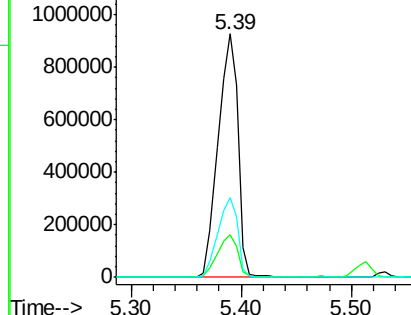
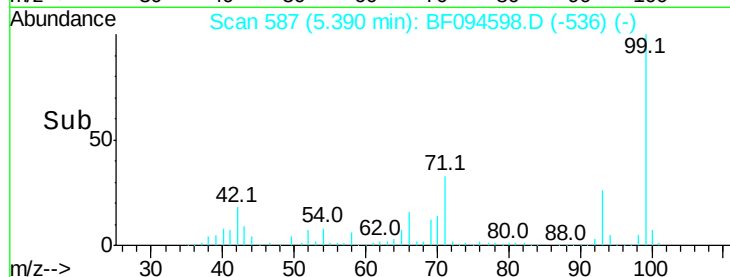
99 100

42 17.7 13.5 20.3

71 32.7 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.98 ng

RT: 5.53 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

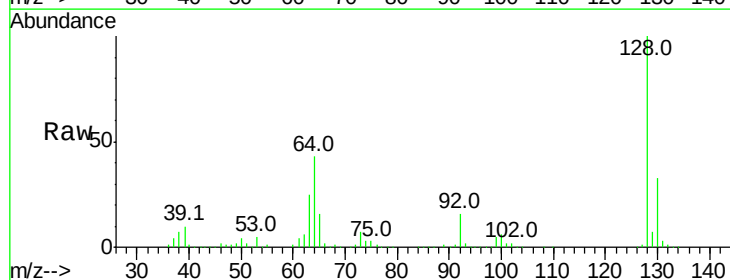
Tgt Ion:128 Resp: 357487

Ion Ratio Lower Upper

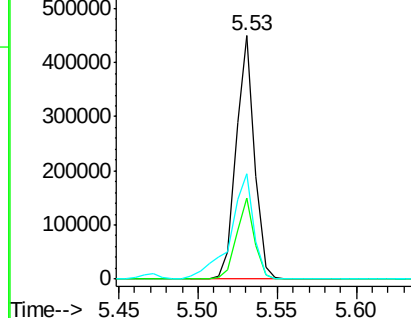
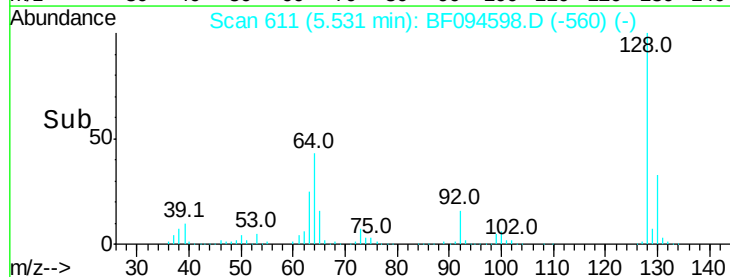
128 100

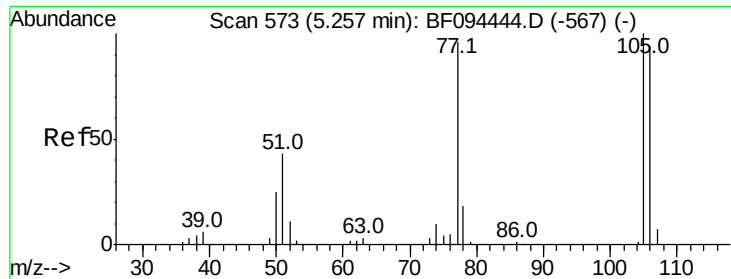
130 33.2 12.9 52.9

64 43.4 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.48 ng

RT: 5.25 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampled :

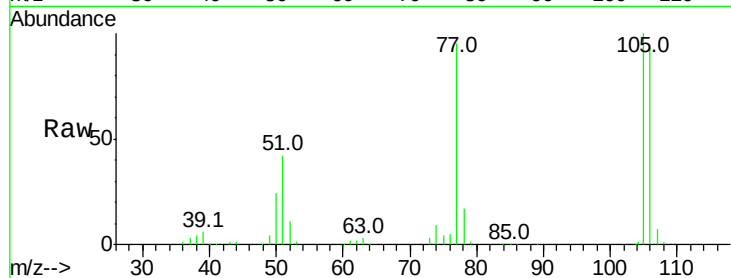
Tot Ion: 77 Resp: 108016

Ion Ratio Lower Upper

77 100

105 105.6 83.8 123.8

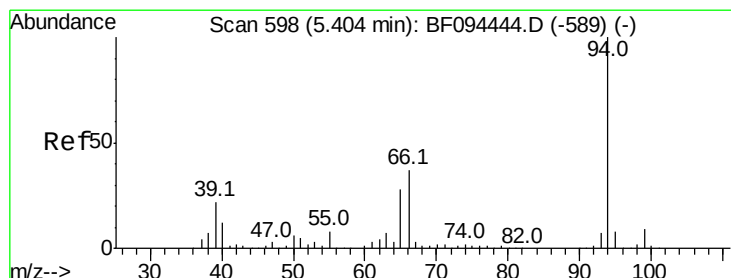
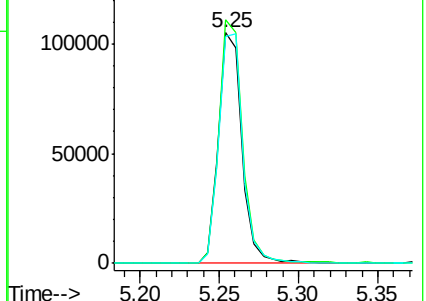
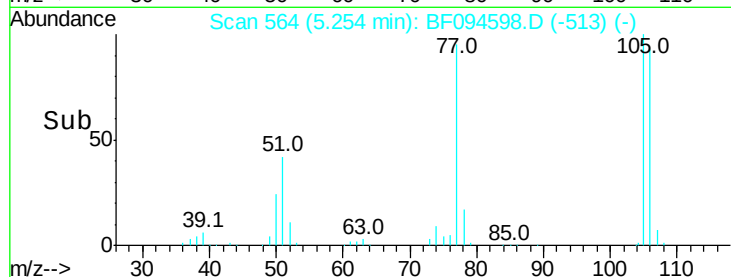
106 98.6 79.1 119.1



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: 41.02 ng

RT: 5.40 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

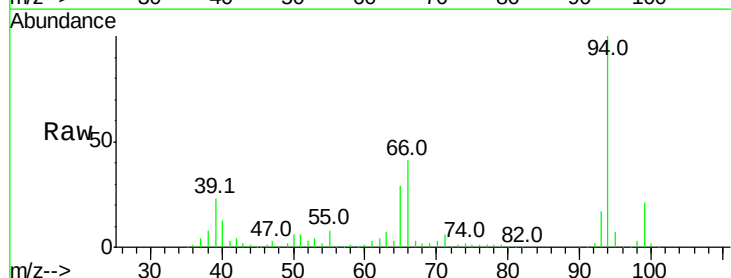
Tgt Ion: 94 Resp: 434279

Ion Ratio Lower Upper

94 100

65 28.9 9.9 49.9

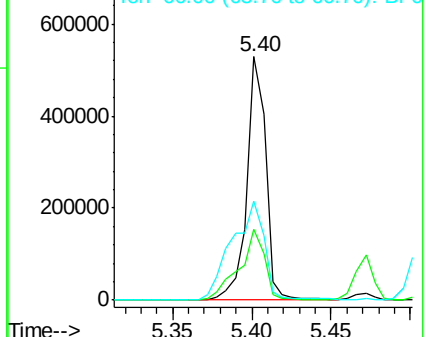
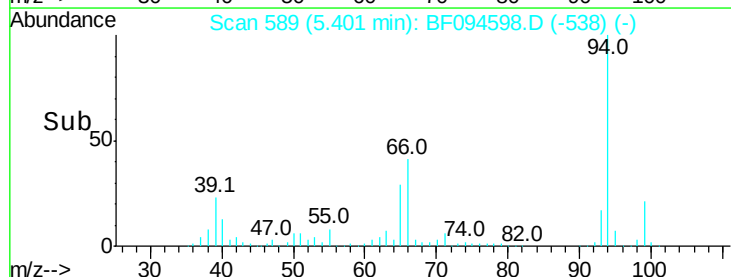
66 40.7 23.1 63.1

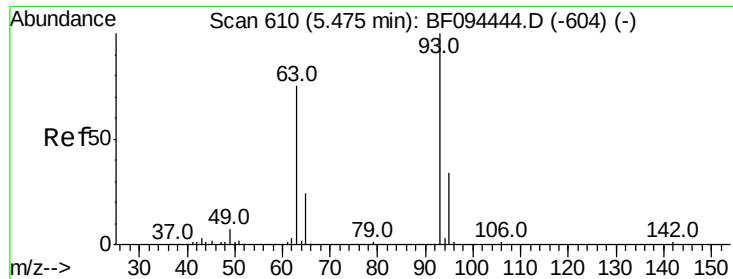


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.42 ng

RT: 5.47 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampleId :

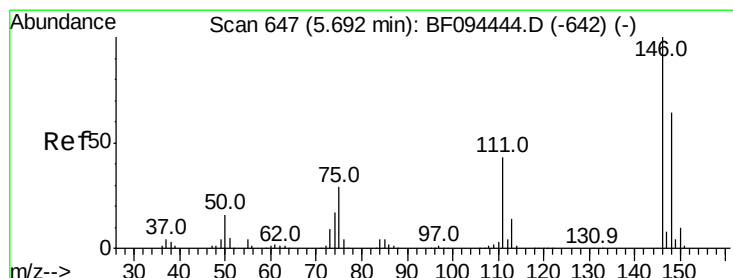
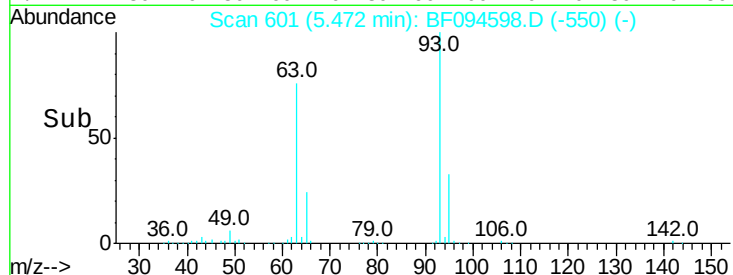
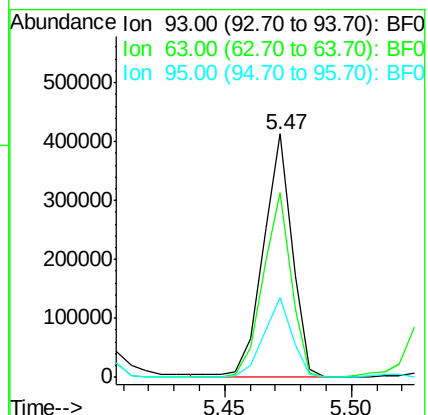
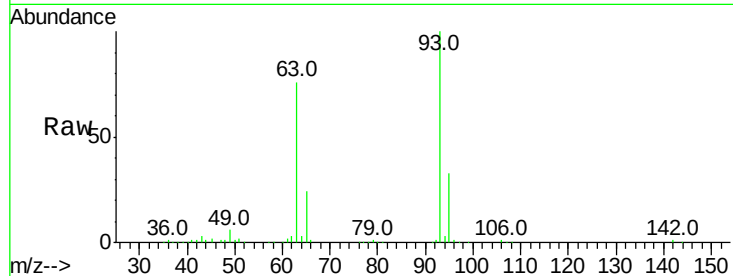
Tot Ion: 93 Resp: 328078

Ion Ratio Lower Upper

93 100

63 76.1 59.2 99.2

95 33.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.89 ng

RT: 5.69 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

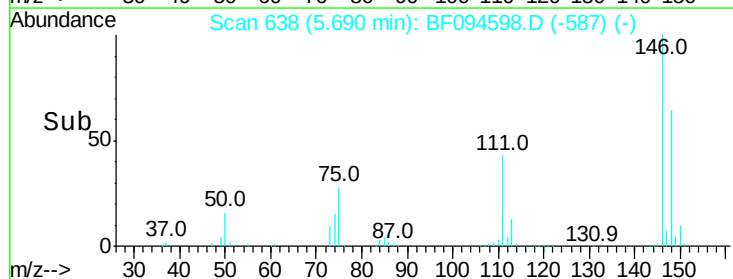
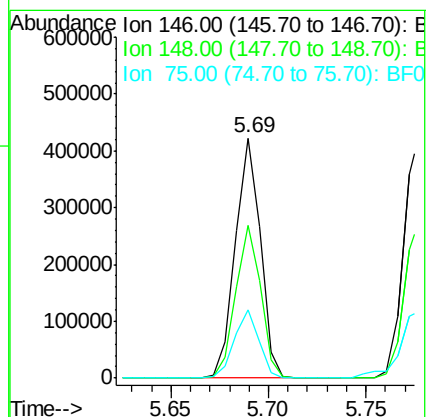
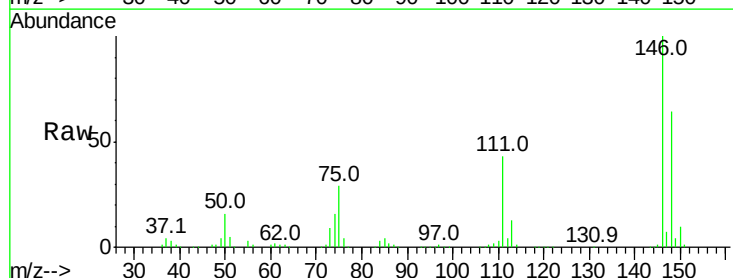
Tgt Ion: 146 Resp: 376814

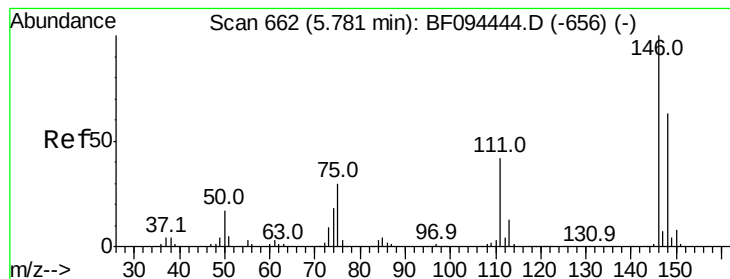
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

75 28.5 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 41.20 ng

RT: 5.78 min Scan# 653

Delta R.T. -0.00 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampled :

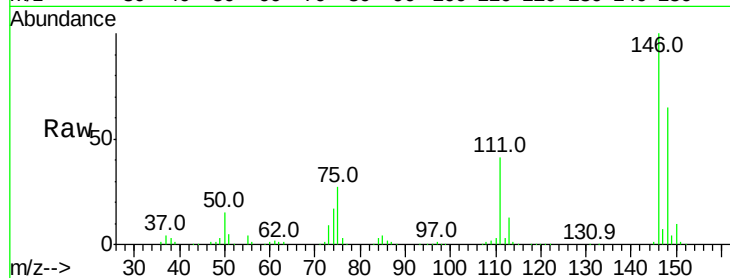
Tot Ion:146 Resp: 382022

Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

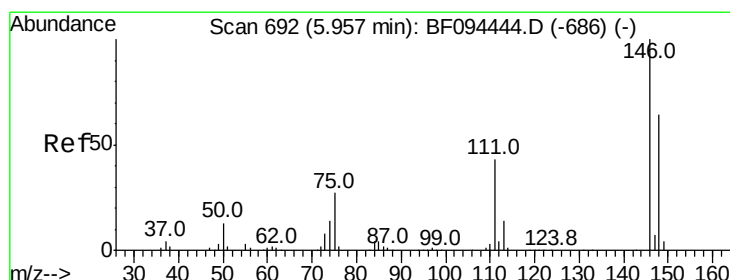
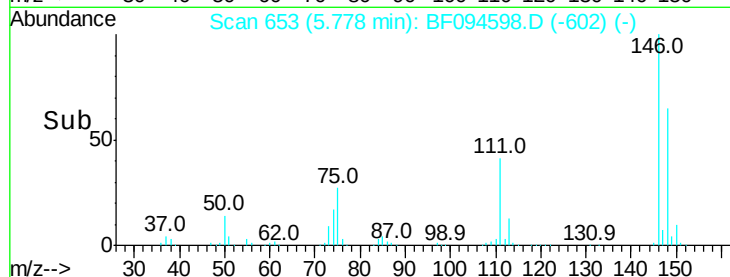
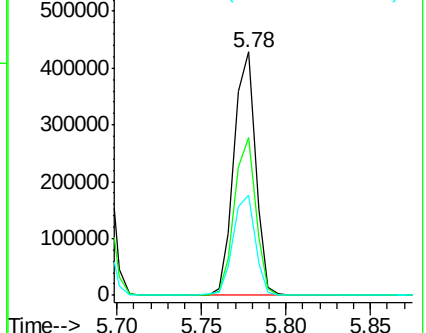
111 41.0 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.25 ng

RT: 5.95 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

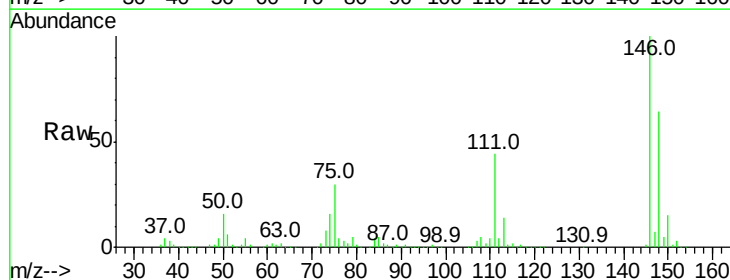
Tgt Ion:146 Resp: 352290

Ion Ratio Lower Upper

146 100

148 64.1 50.4 75.6

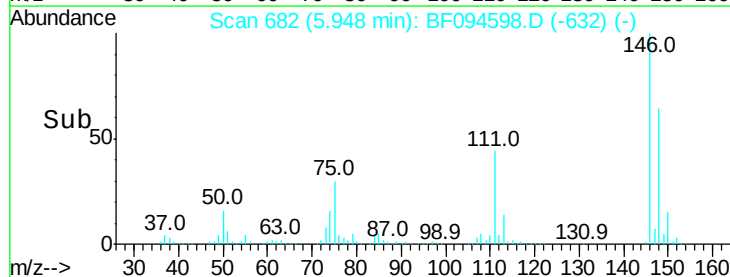
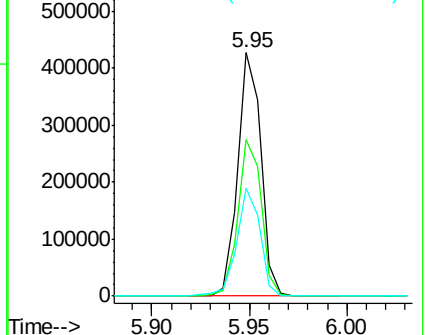
111 44.1 38.2 57.4

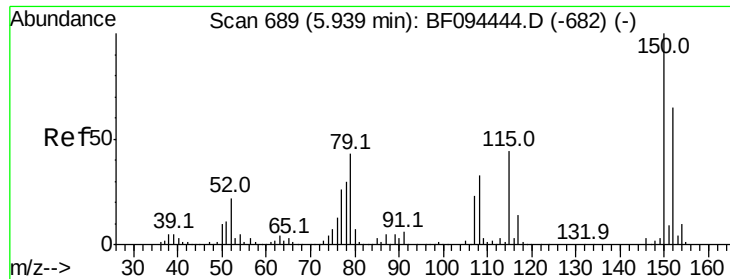


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

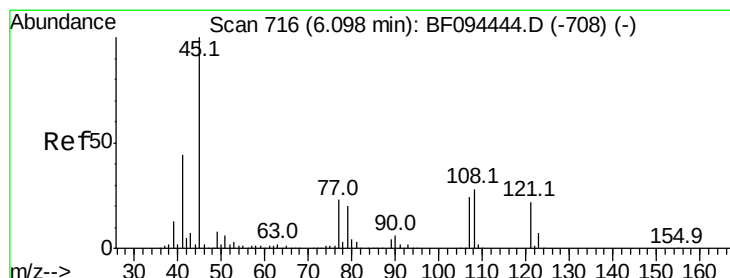
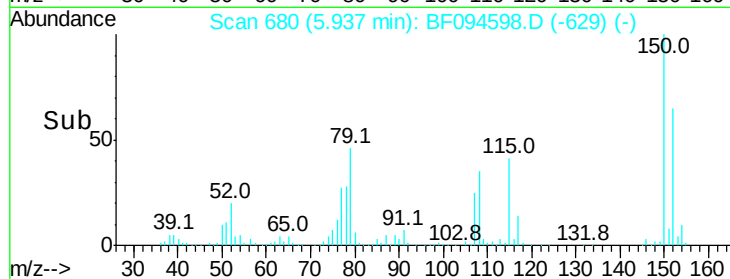
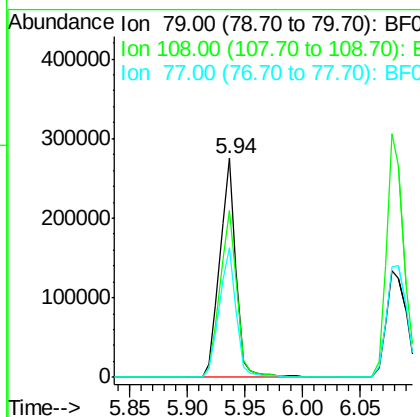
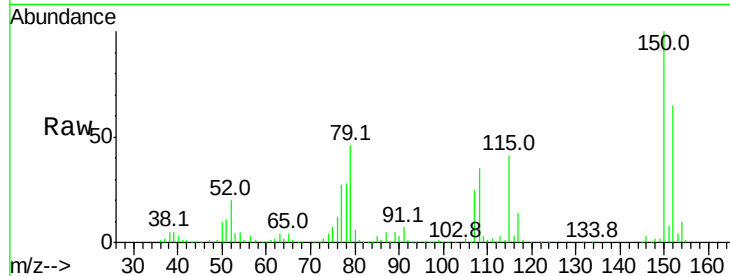




#15
Benzyl Alcohol
Concen: 42.37 ng
RT: 5.94 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

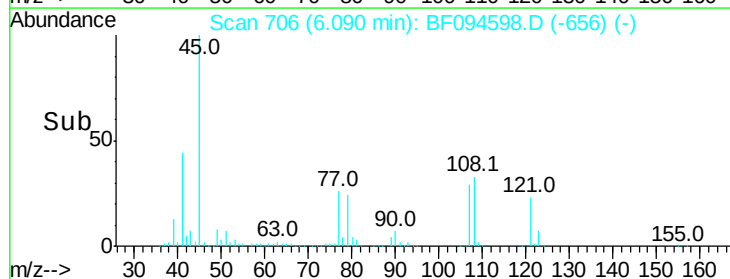
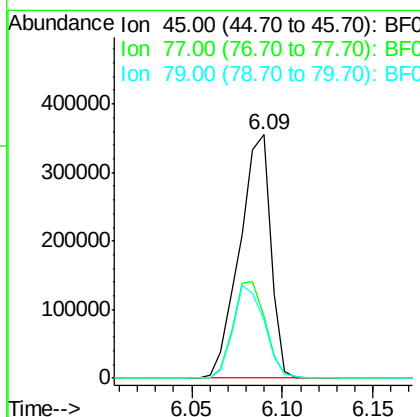
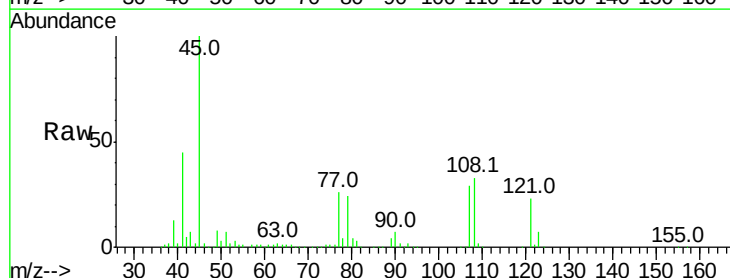
Instrument :
BNA_F
ClientSampled :

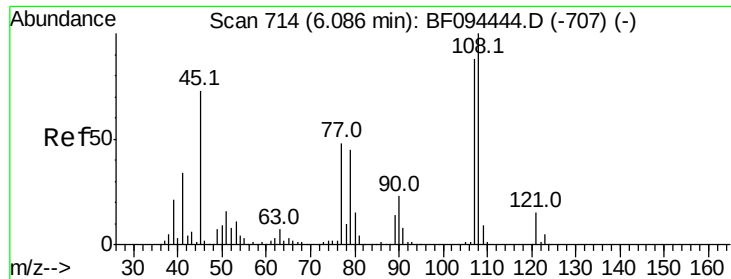
Tot Ion: 79 Resp: 270881
Ion Ratio Lower Upper
79 100
108 76.4 63.4 95.0
77 59.2 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.90 ng
RT: 6.09 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion: 45 Resp: 424838
Ion Ratio Lower Upper
45 100
77 25.6 0.0 33.2
79 23.6 0.0 30.0

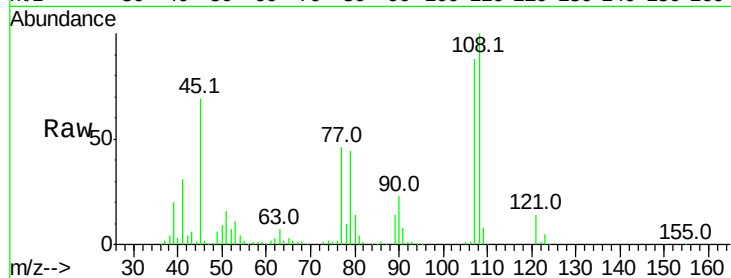




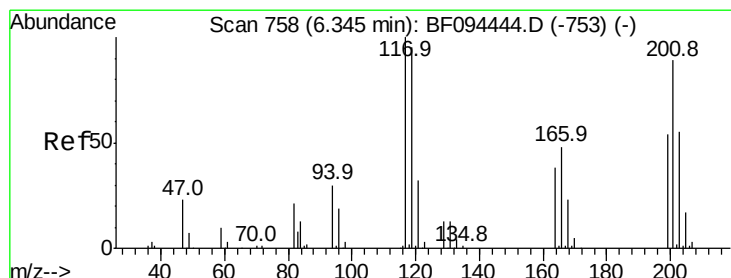
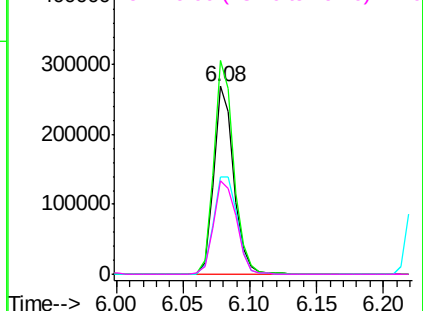
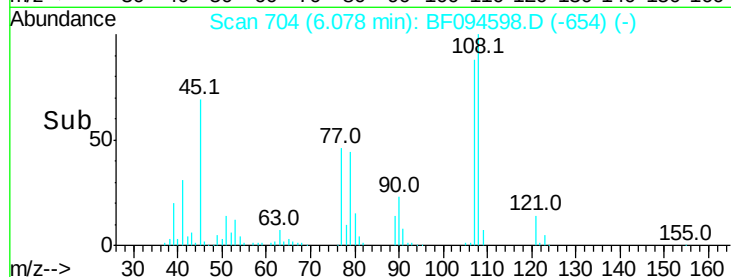
#17
2-Methylphenol
Concen: 43.31 ng
RT: 6.08 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 283756
Ion Ratio Lower Upper
107 100
108 113.8 93.4 140.0
77 51.8 35.8 53.6
79 50.0 34.8 52.2

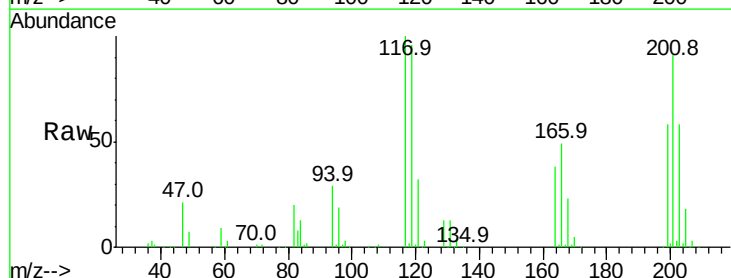


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

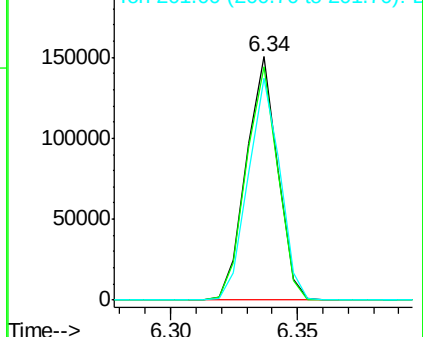
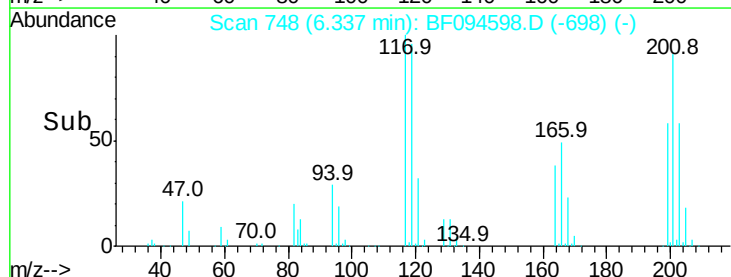


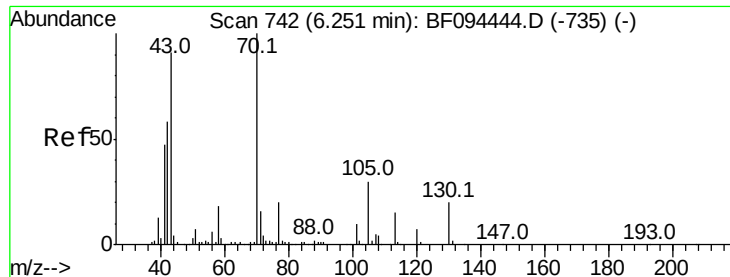
#18
Hexachloroethane
Concen: 40.86 ng
RT: 6.34 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion:117 Resp: 129884
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.0
201 91.2 94.6 141.8#



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

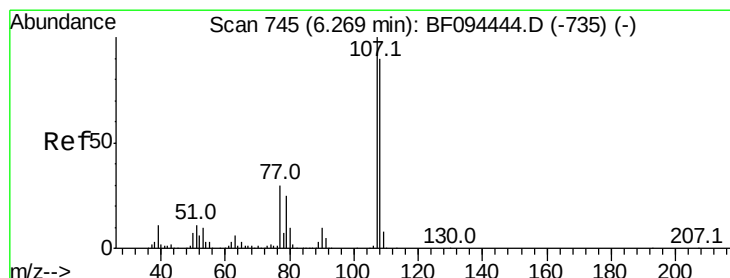
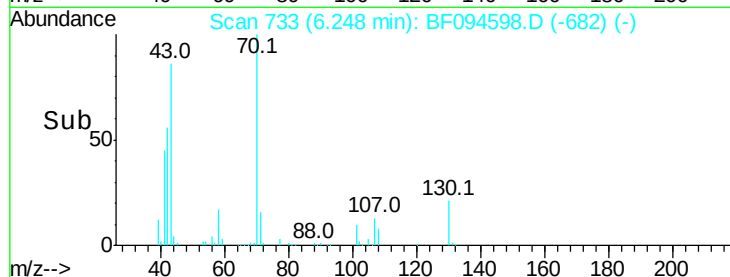
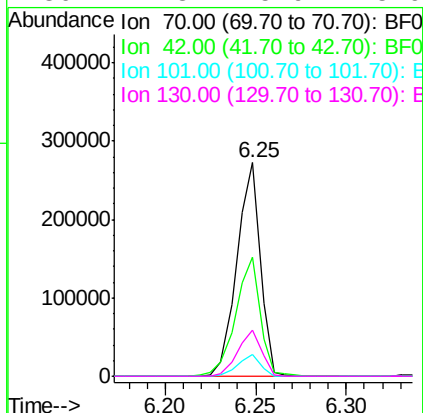
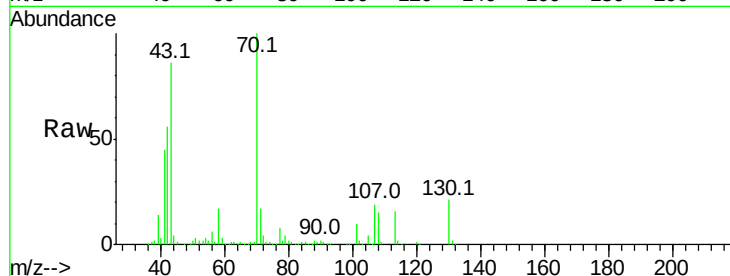




#19
n-Nitroso-di-n-propylamine
Concen: 43.03 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

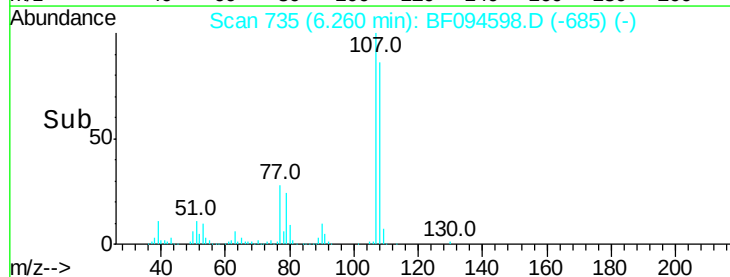
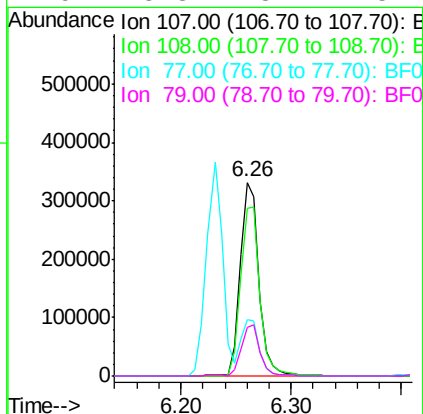
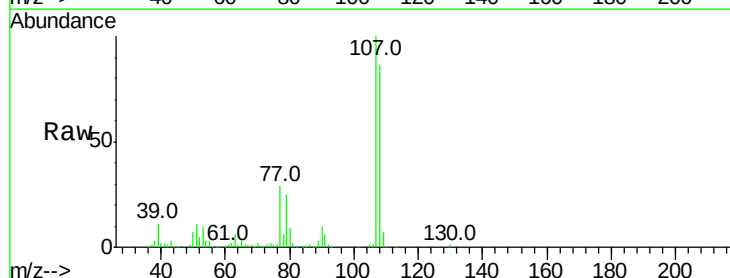
Instrument :
BNA_F
ClientSampleId :

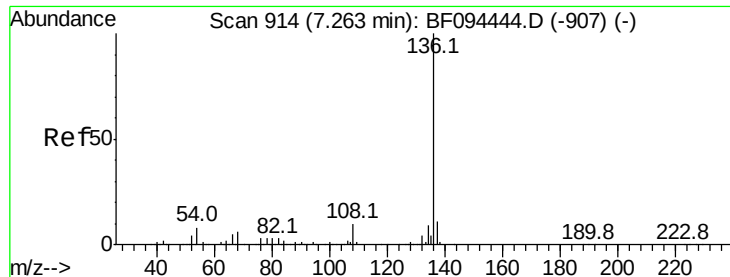
Tot Ion:	70	Resp:	245699
Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.2	70.8
101	10.0	7.2	10.8
130	21.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 44.26 ng
RT: 6.26 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion:	107	Resp:	394046
Ion	Ratio	Lower	Upper
107	100		
108	86.5	71.0	111.0
77	28.8	90.5	130.5#
79	25.3	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: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 490001

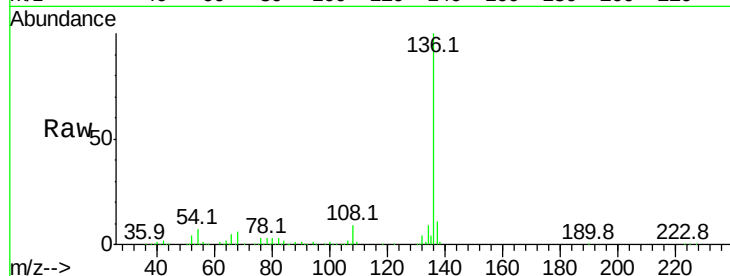
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.0 4.9 7.3

68 5.9 4.1 6.1

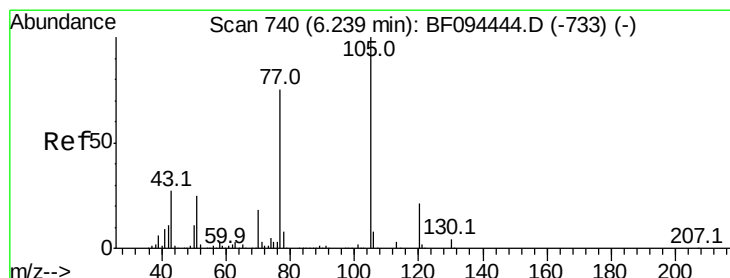
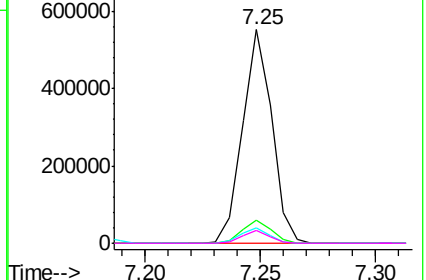
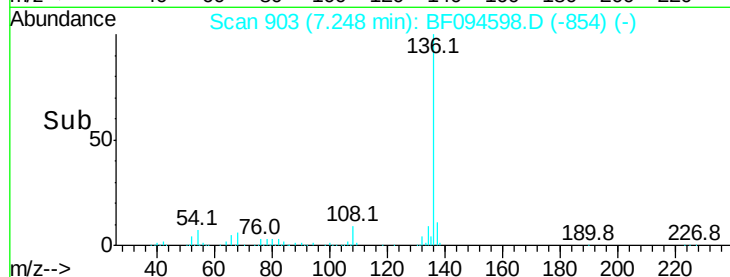


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.02 ng

RT: 6.23 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Tgt Ion:105 Resp: 500643

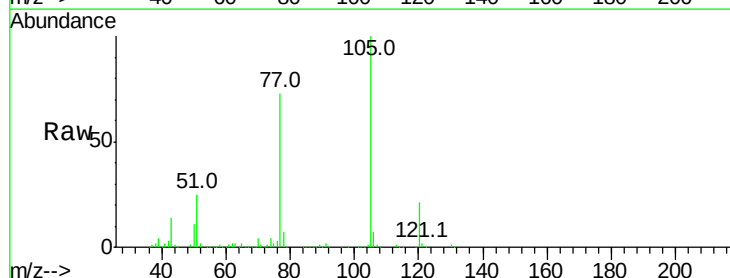
Ion Ratio Lower Upper

105 100

71 0.6 2.8 4.2#

51 24.7 30.7 46.1#

120 21.4 17.4 26.0

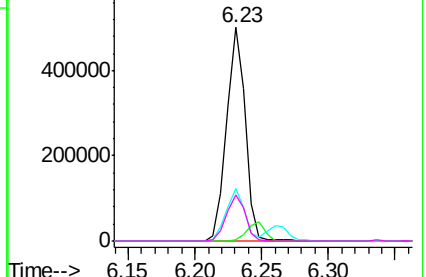
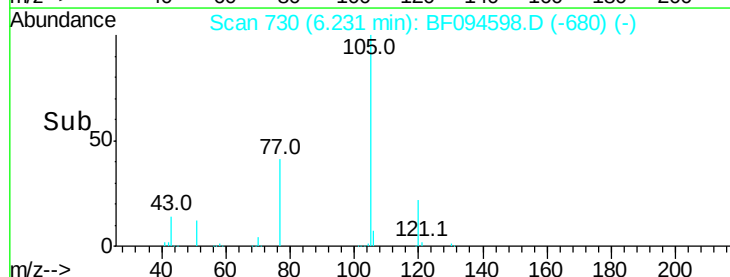


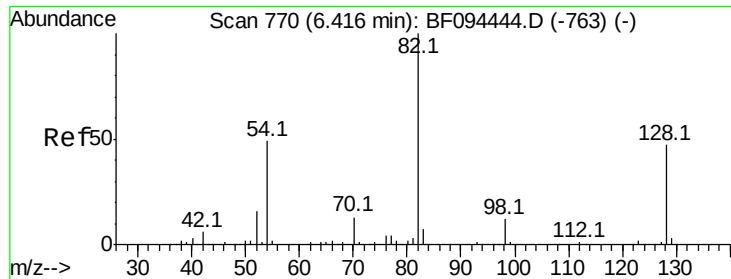
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

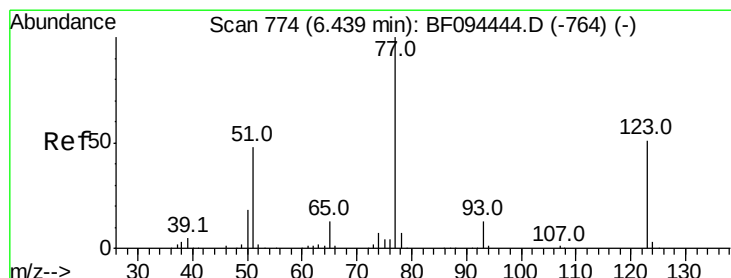
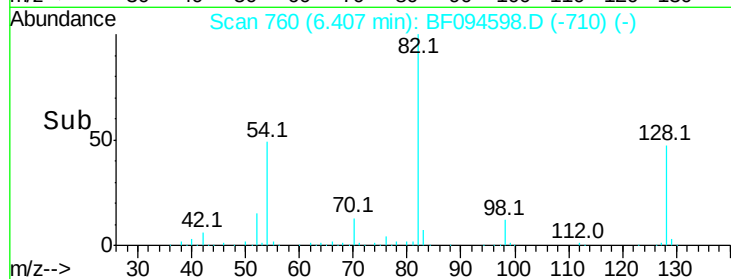
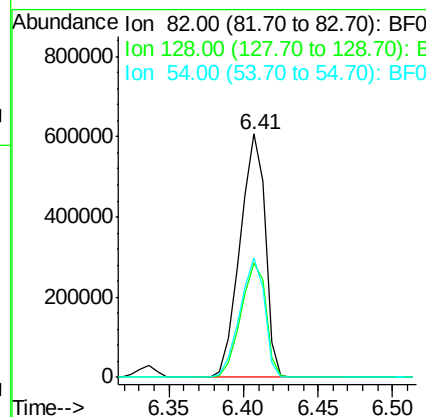
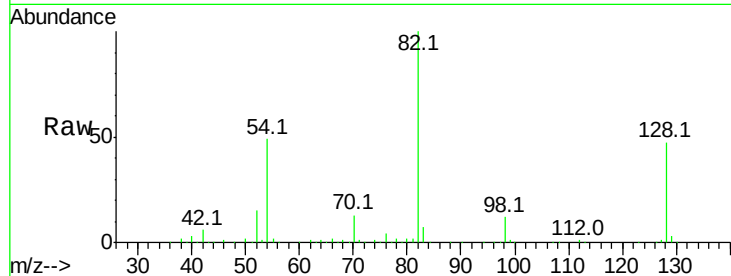




#23
 Nitrobenzene-d5
 Concen: 90.23 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

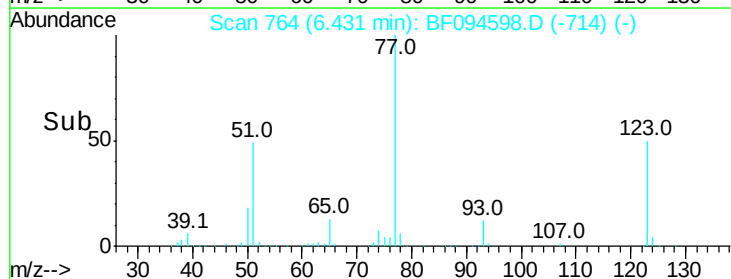
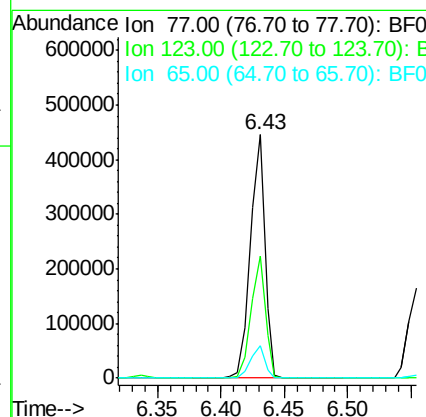
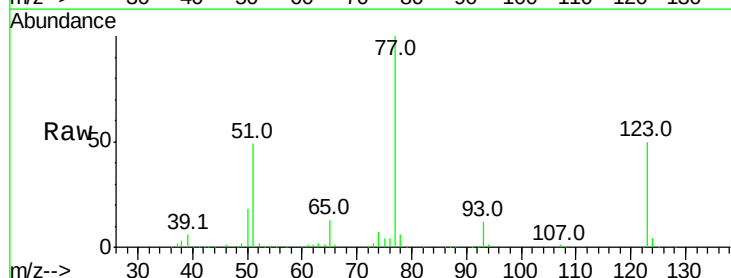
Instrument :
 BNA_F
 ClientSampleId :

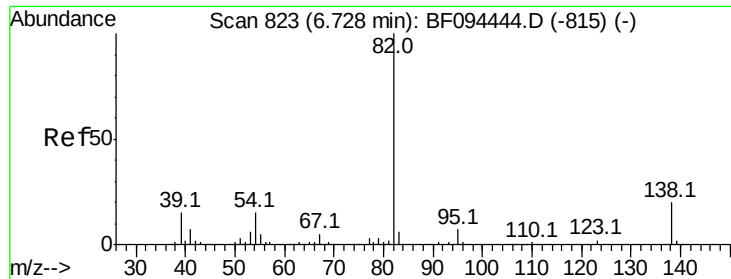
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	49.0	42.2	63.2



#24
 Nitrobenzene
 Concen: 42.27 ng
 RT: 6.43 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.3	35.8	53.8
65	13.3	10.6	15.8





#25

Isophorone

Concen: 42.68 ng

RT: 6.72 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampleId :

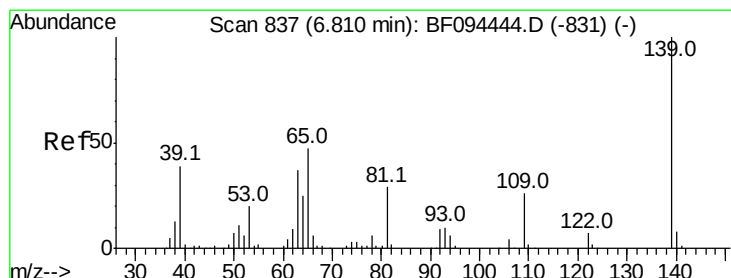
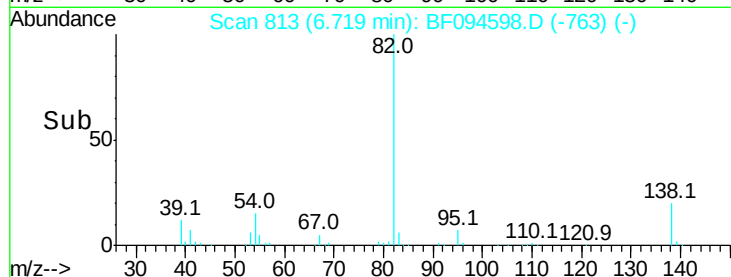
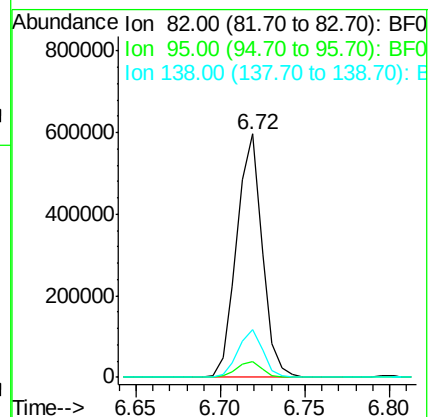
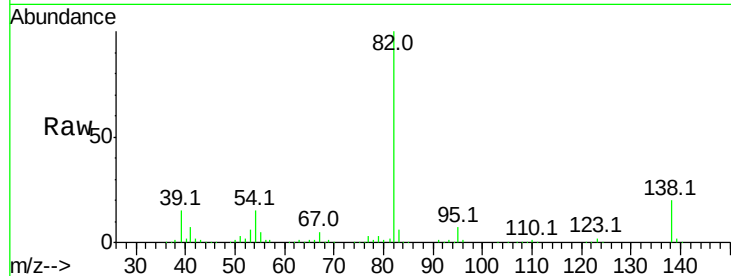
Tot Ion: 82 Resp: 627835

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.6 13.1 19.7



#26

2-Nitrophenol

Concen: 44.17 ng

RT: 6.80 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

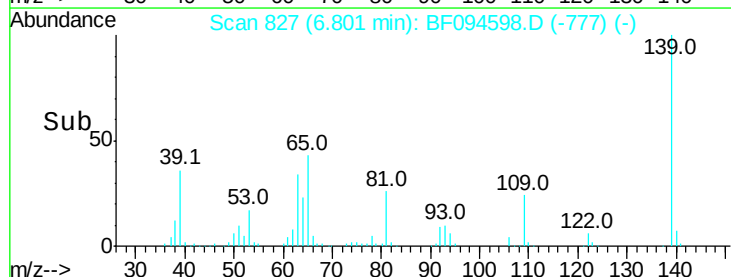
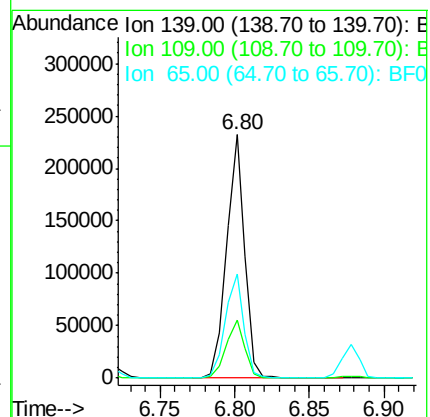
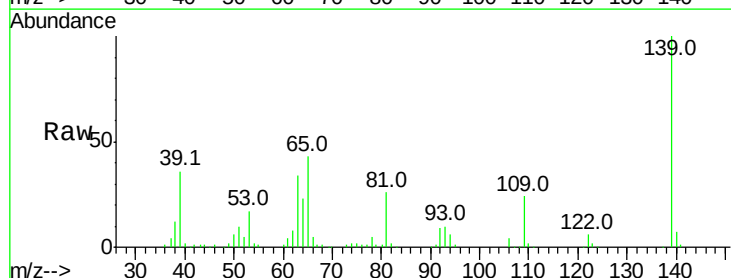
Tgt Ion:139 Resp: 198294

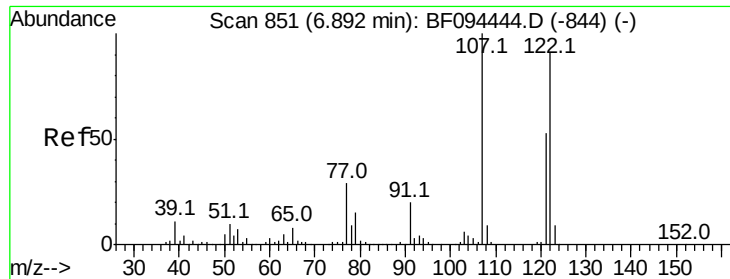
Ion Ratio Lower Upper

139 100

109 23.7 21.0 31.6

65 43.0 33.0 49.6

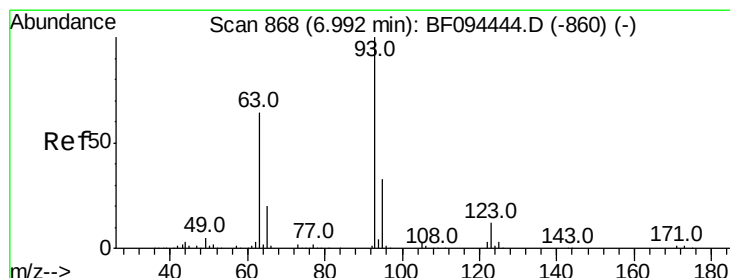
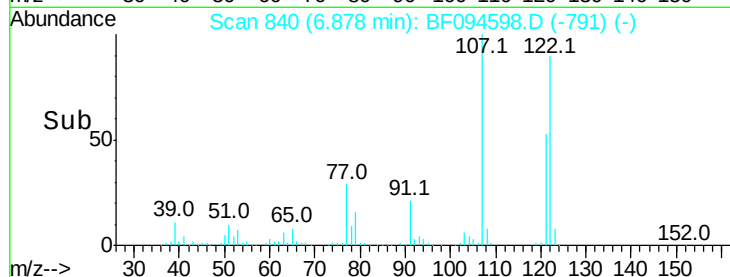
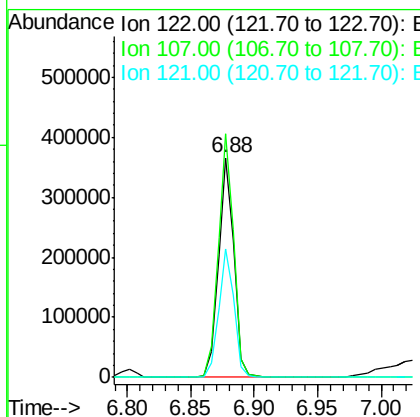
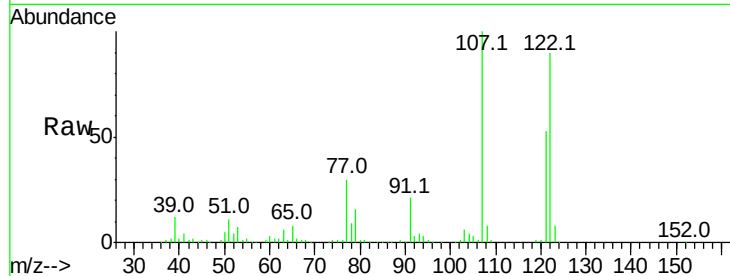




#27
 2,4-Dimethylphenol
 Concen: 43.10 ng
 RT: 6.88 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

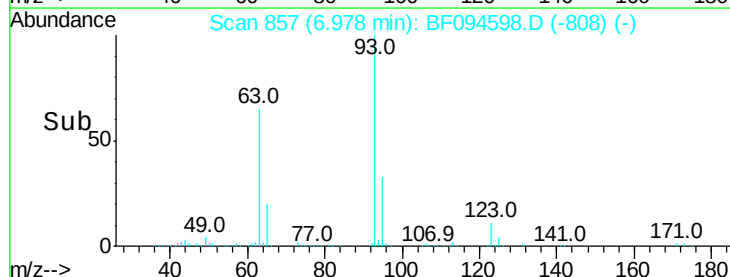
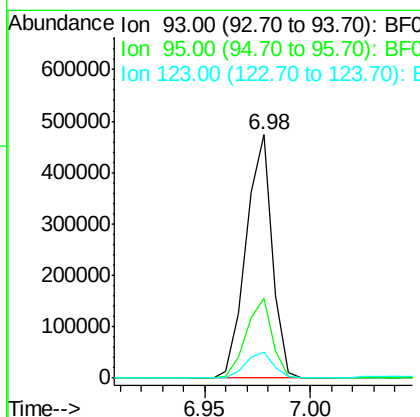
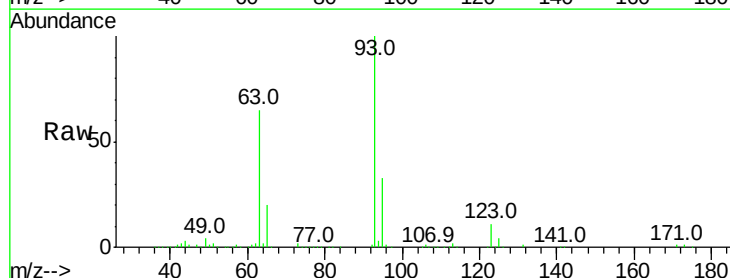
Instrument :
 BNA_F
 ClientSampled :

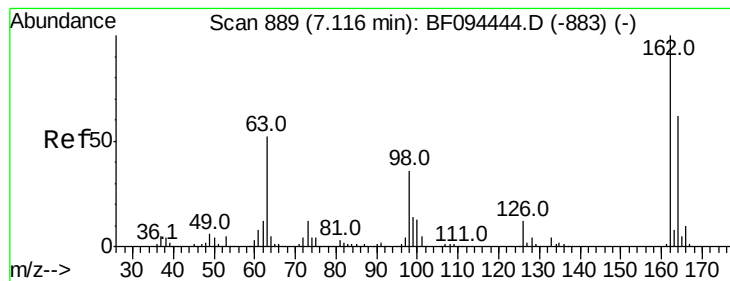
Tot Ion:122 Resp: 314274
 Ion Ratio Lower Upper
 122 100
 107 111.0 89.2 133.8
 121 58.8 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.68 ng
 RT: 6.98 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion: 93 Resp: 406130
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 10.9 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 44.59 ng

RT: 7.10 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampleId :

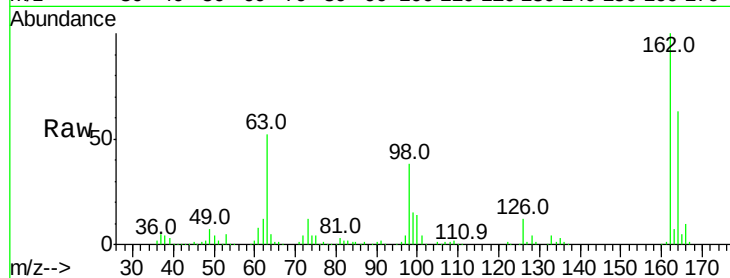
Tot Ion:162 Resp: 302488

Ion Ratio Lower Upper

162 100

164 63.2 44.6 84.6

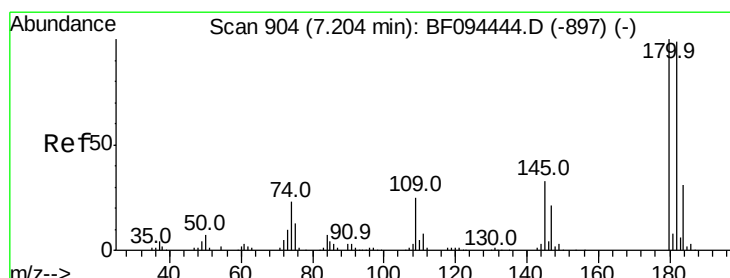
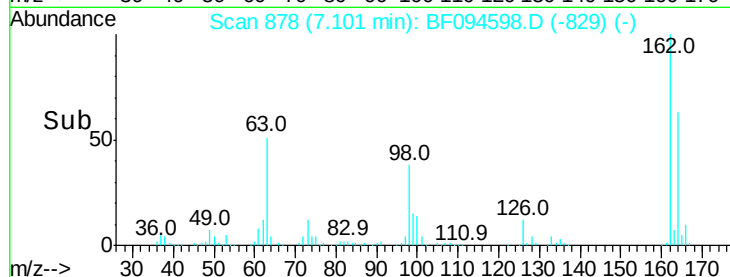
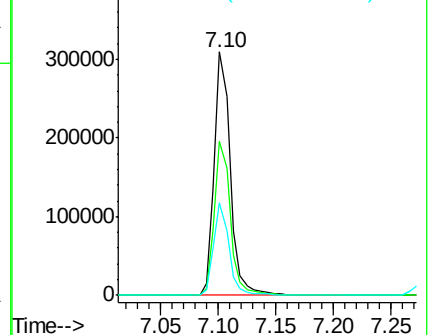
98 37.8 14.8 54.8



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: 41.64 ng

RT: 7.18 min Scan# 892

Delta R.T. -0.02 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

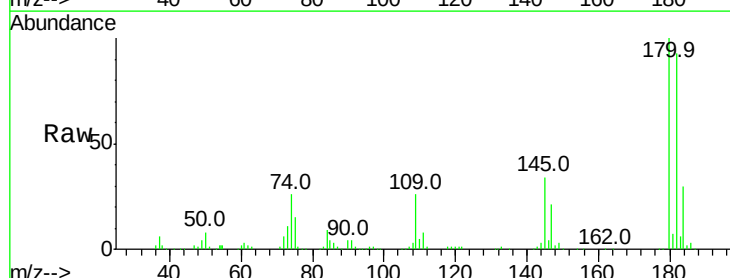
Tgt Ion:180 Resp: 292043

Ion Ratio Lower Upper

180 100

182 93.1 75.8 113.6

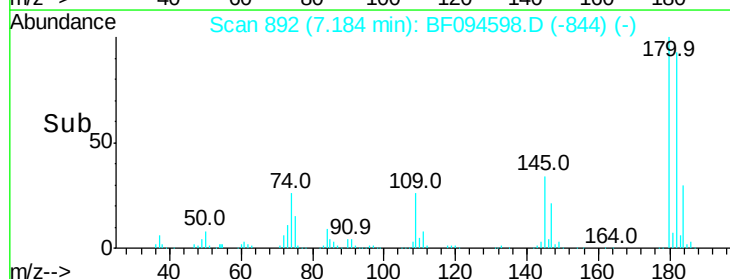
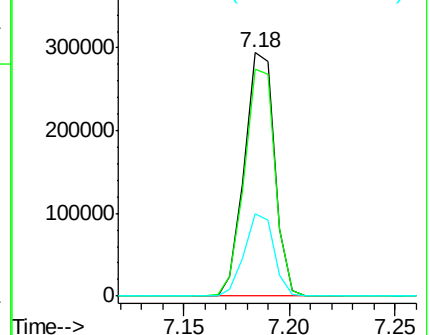
145 34.0 25.3 37.9

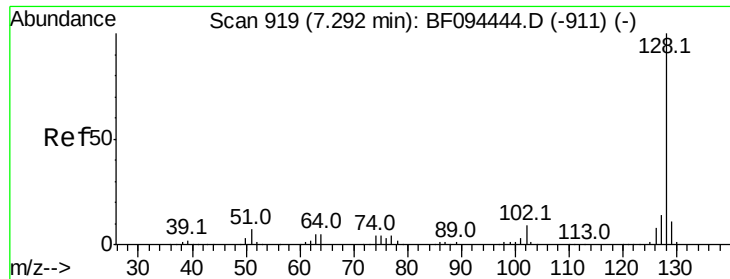


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

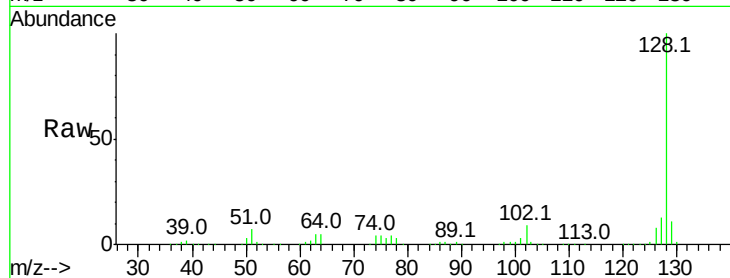




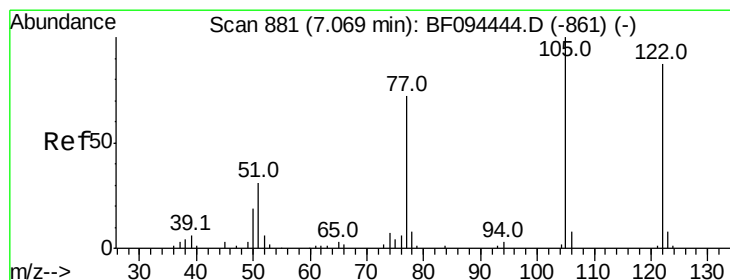
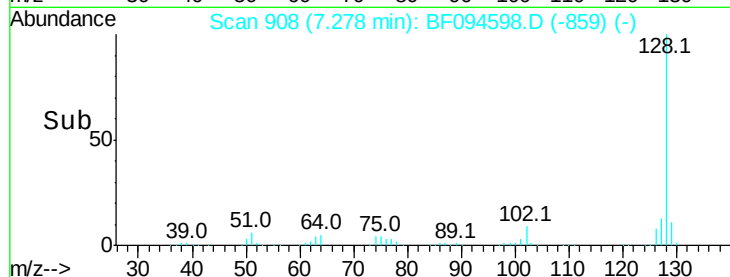
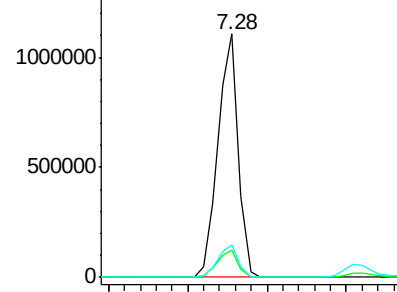
#31
Naphthalene
Concen: 41.61 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 980289
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2

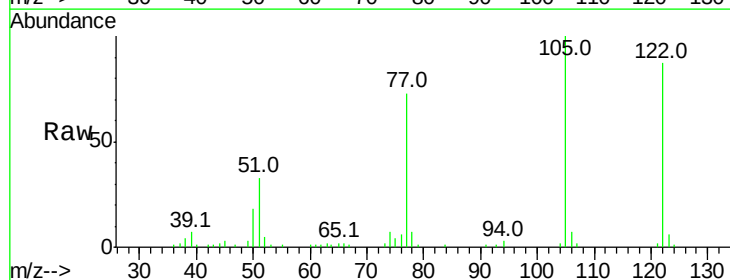


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

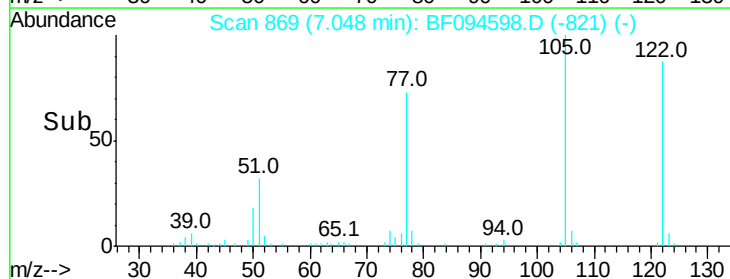
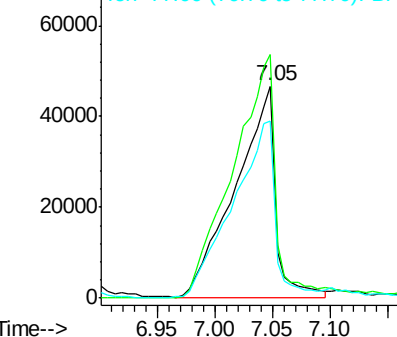


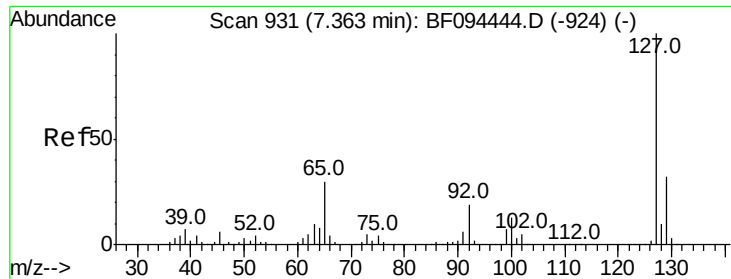
#32
Benzoic acid
Concen: 29.71 ng
RT: 7.05 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion:122 Resp: 114568
Ion Ratio Lower Upper
122 100
105 114.8 103.3 143.3
77 83.7 73.7 113.7



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

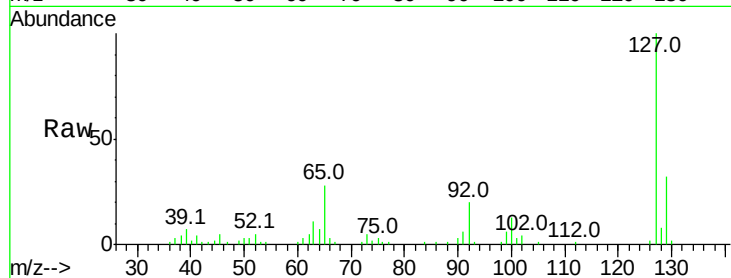




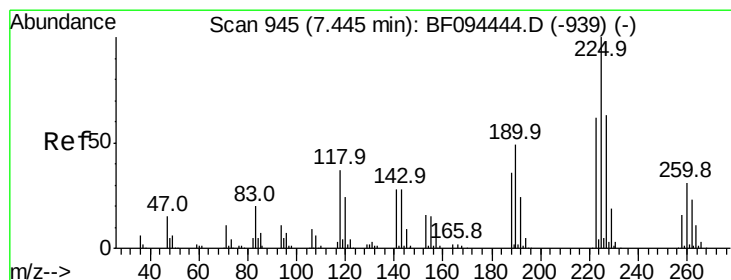
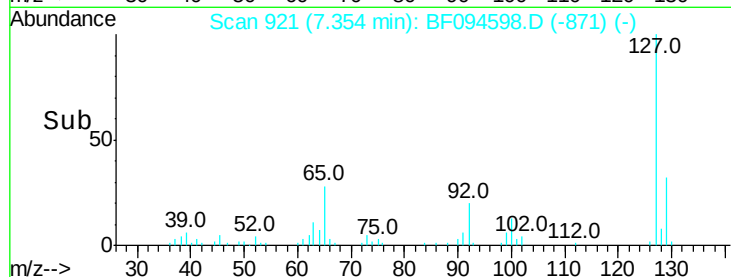
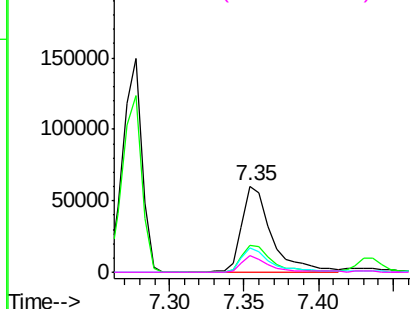
#33
4-Chloroaniline
Concen: 8.56 ng
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	83932
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	27.9	27.8	41.8
92	19.7	16.8	25.2

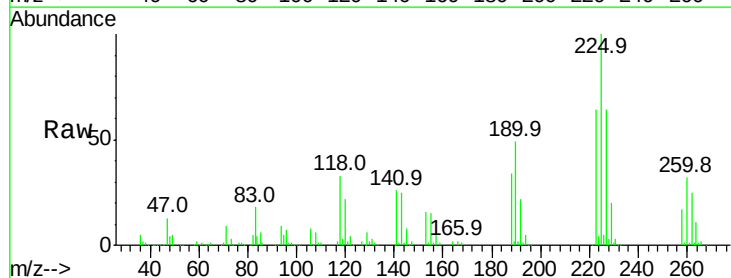


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

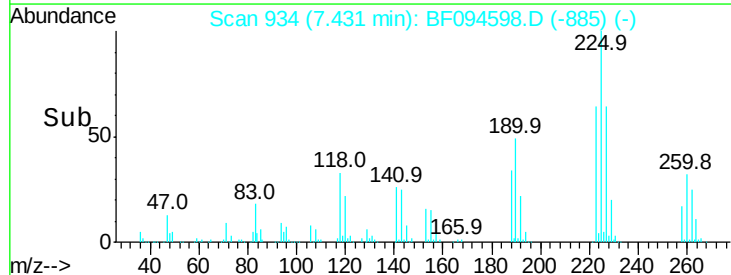
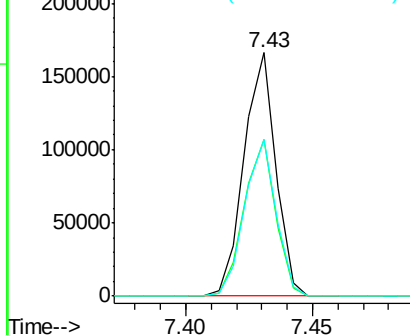


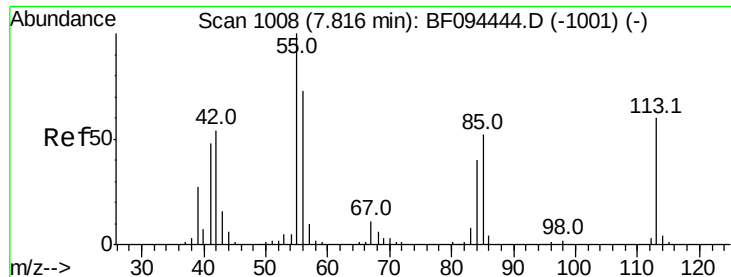
#34
Hexachlorobutadiene
Concen: 41.45 ng
RT: 7.43 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion:	225	Resp:	144958
Ion	Ratio	Lower	Upper
225	100		
223	64.5	48.8	73.2
227	64.4	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

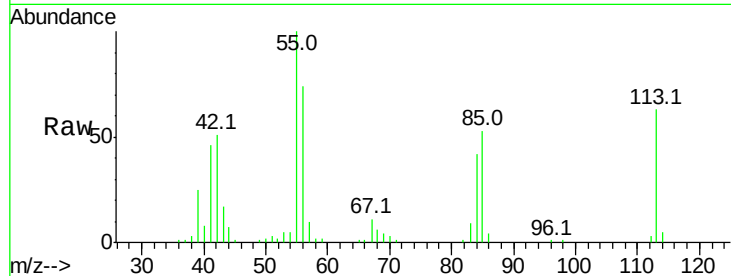




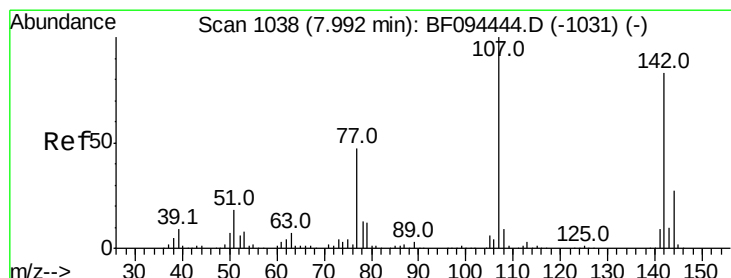
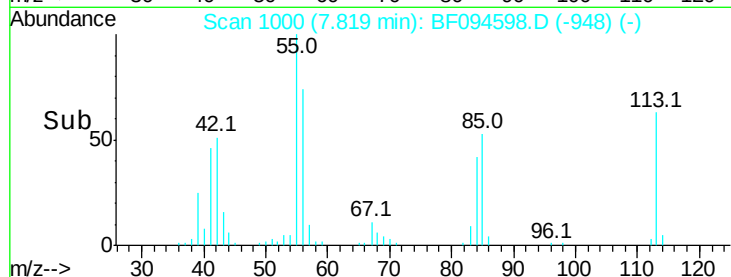
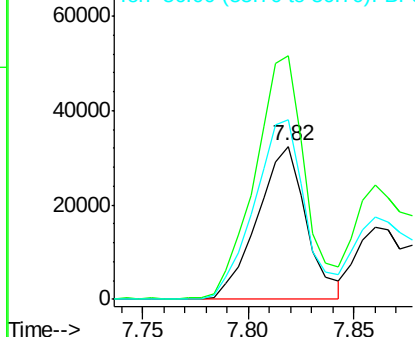
#35
 Caprolactam
 Concen: 24.46 ng
 RT: 7.82 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 52139
 Ion Ratio Lower Upper
 113 100
 55 159.1 150.2 190.2
 56 117.4 107.8 147.8

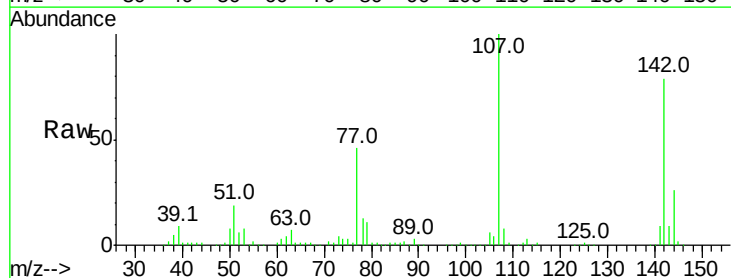


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

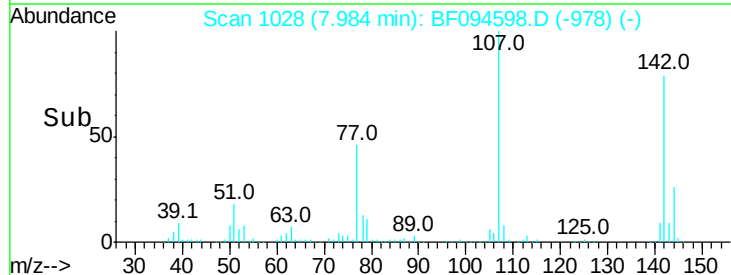
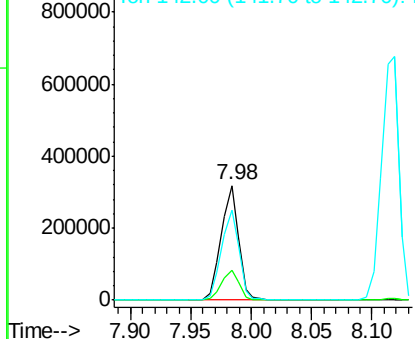


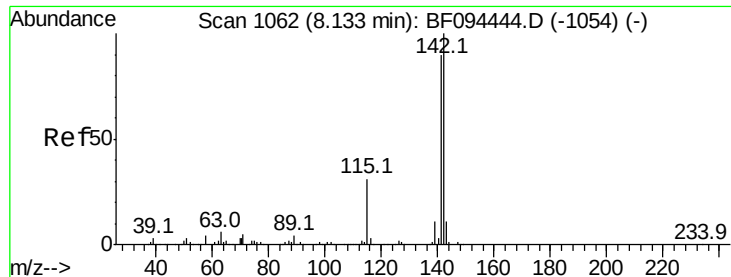
#36
 4-Chloro-3-methylphenol
 Concen: 44.64 ng
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion:107 Resp: 317404
 Ion Ratio Lower Upper
 107 100
 144 26.3 24.2 36.4
 142 78.8 73.4 110.0



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





#37

2-Methylnaphthalene

Concen: 42.74 ng

RT: 8.12 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampleId :

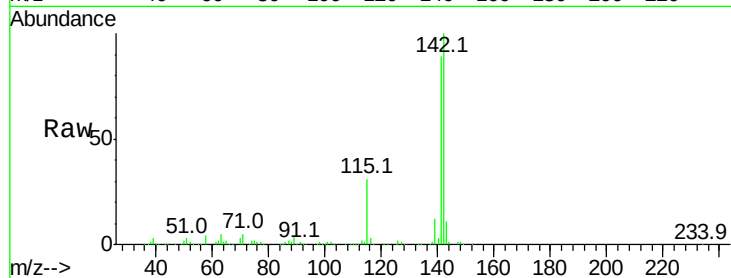
Tot Ion:142 Resp: 688875

Ion Ratio Lower Upper

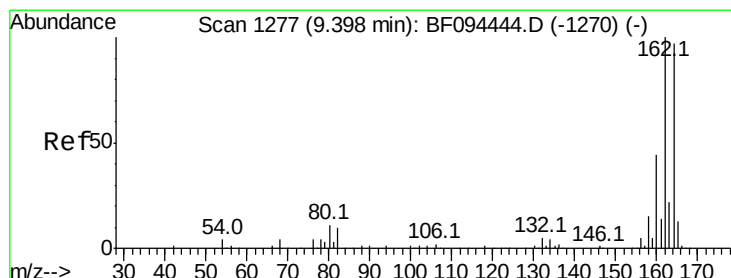
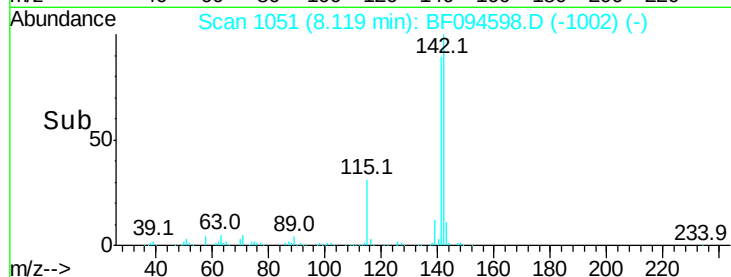
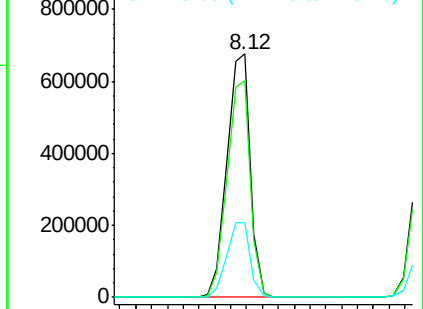
142 100

141 89.2 71.3 106.9

115 30.6 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: BF094598.D

Acq: 25 Apr 2017 11:59

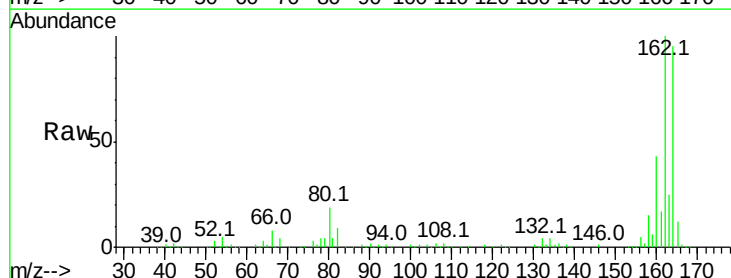
Tgt Ion:164 Resp: 223241

Ion Ratio Lower Upper

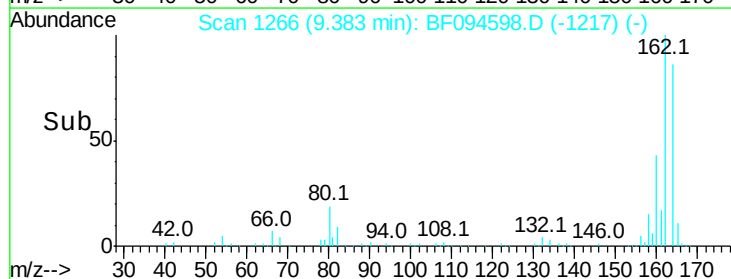
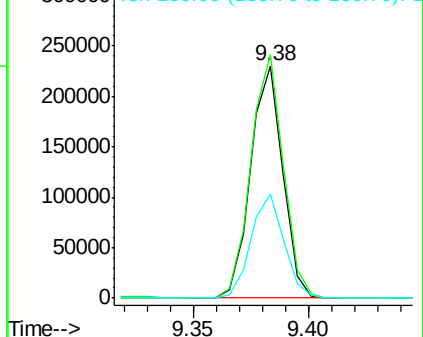
164 100

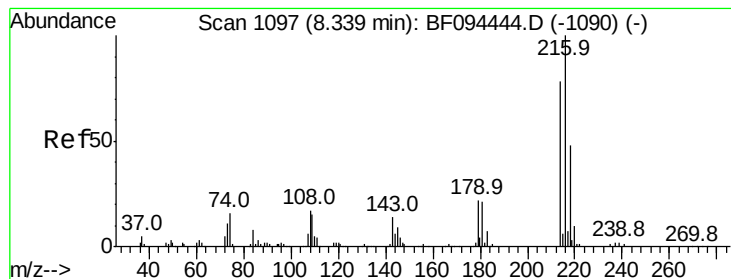
162 104.8 82.6 123.8

160 44.7 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: 41.52 ng

RT: 8.32 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 263921

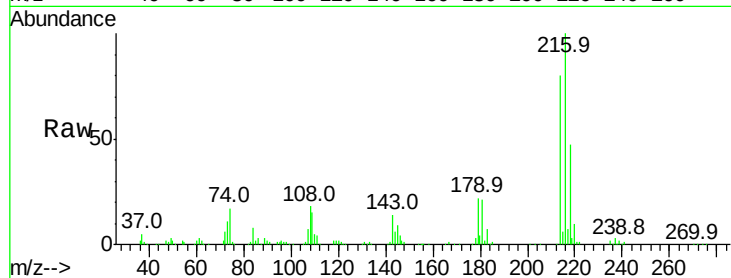
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.2

179 21.9 17.9 26.9

108 21.6 16.5 24.7

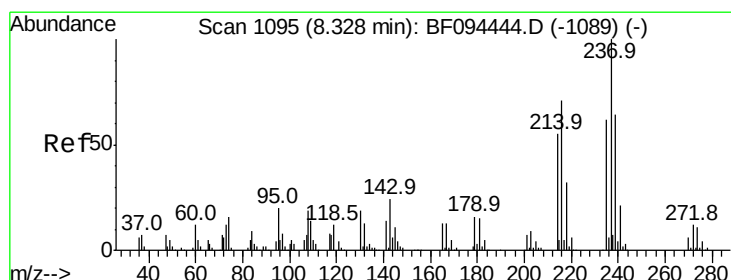
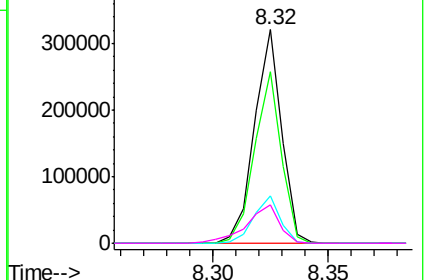
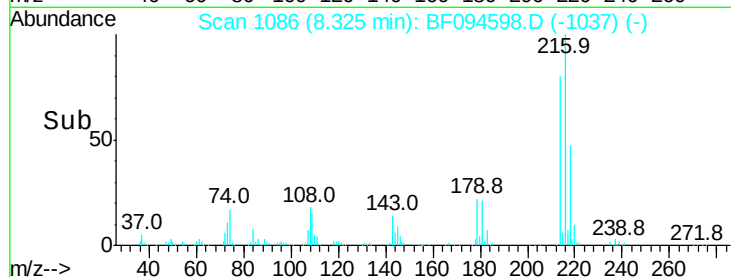


Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.79 ng

RT: 8.31 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

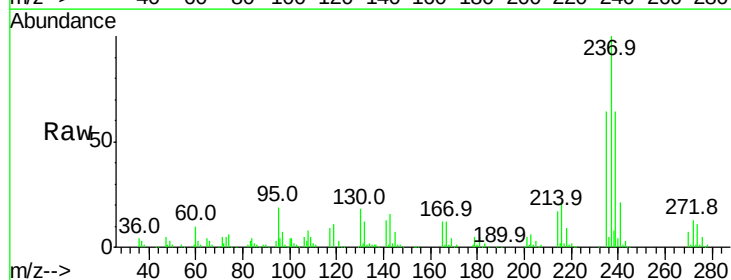
Tgt Ion:237 Resp: 259192

Ion Ratio Lower Upper

237 100

235 64.1 42.6 82.6

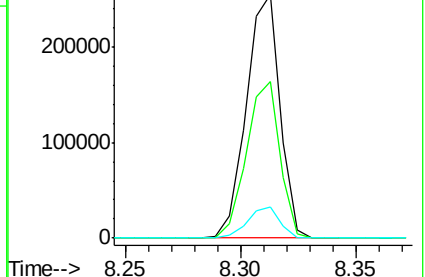
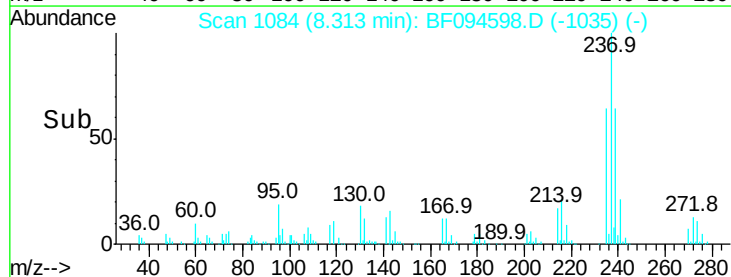
272 12.8 0.0 31.9

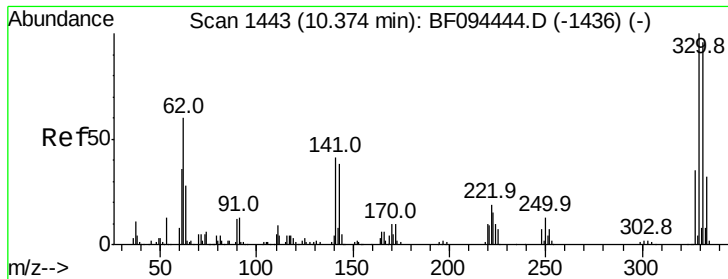


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

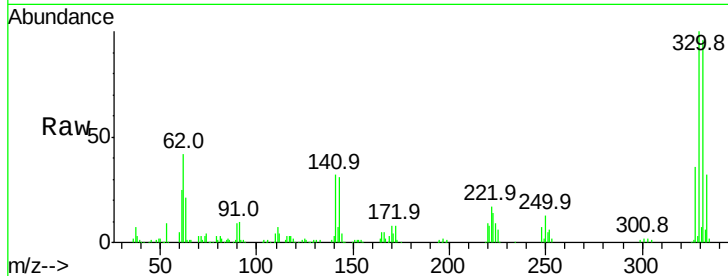




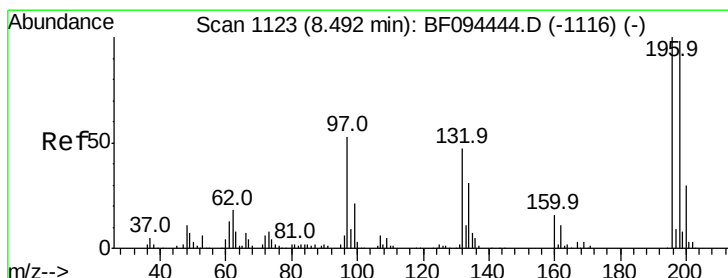
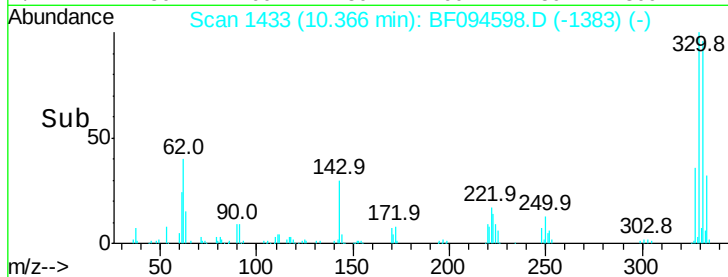
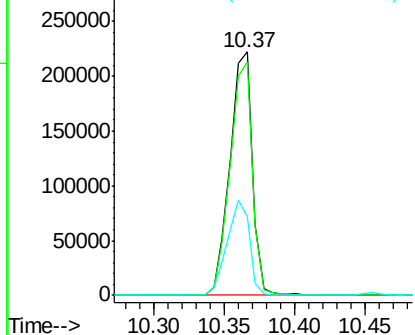
#41
 2,4,6-Tribromophenol
 Concen: 141.54 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	115.0
141	39.0	31.4	47.2

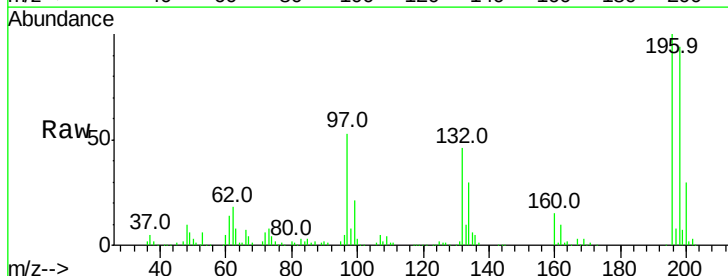


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

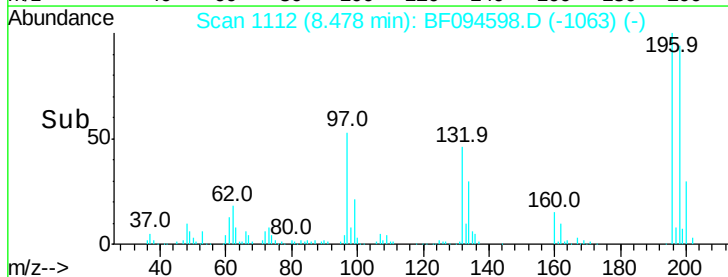
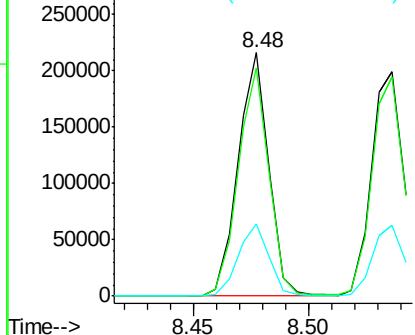


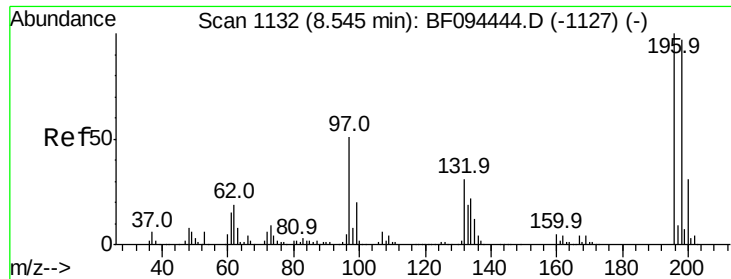
#42
 2,4,6-Trichlorophenol
 Concen: 44.71 ng
 RT: 8.48 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	74.2	111.4
200	29.5	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

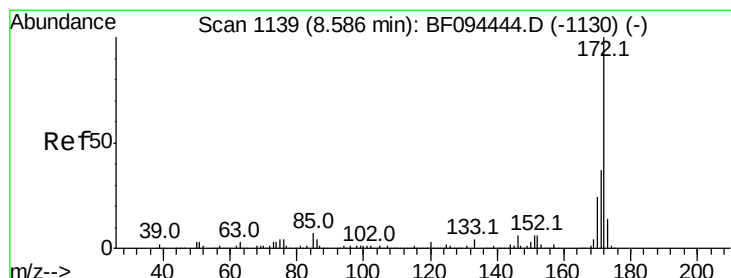
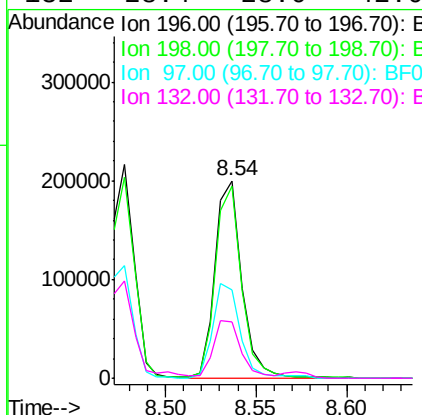
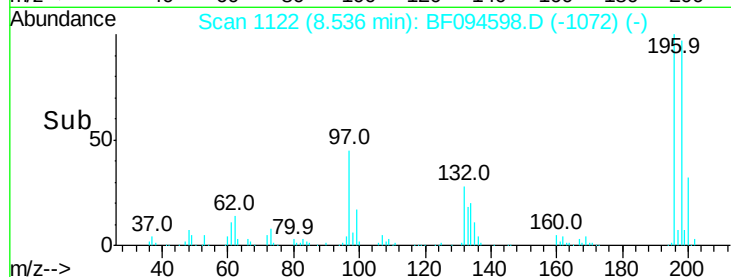
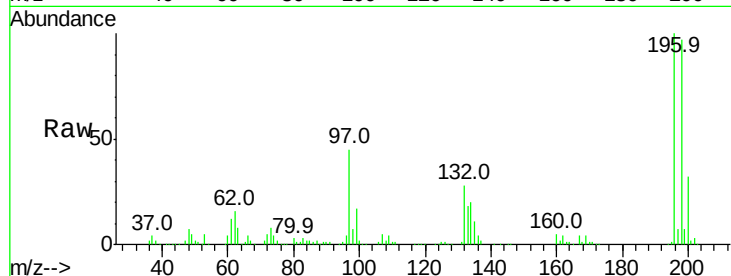




#43
 2,4,5-Trichlorophenol
 Concen: 44.56 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

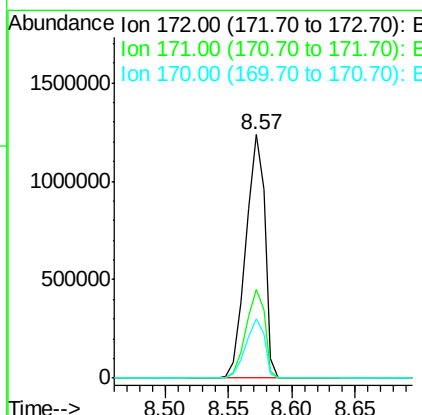
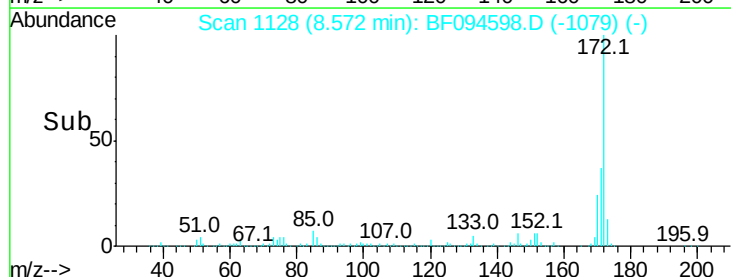
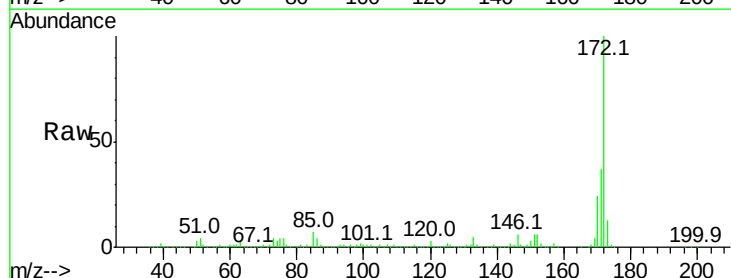
Instrument :
 BNA_F
 ClientSampleId :

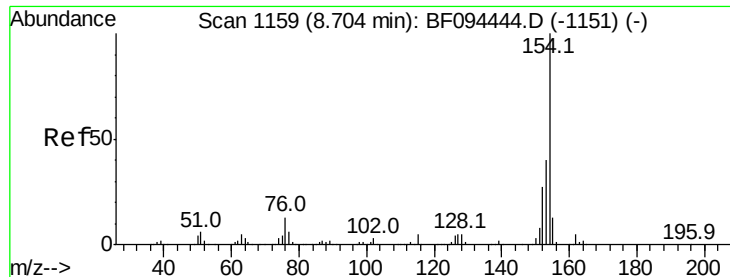
Tot Ion:	196	Resp:	204267
Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.7	113.5
97	45.1	47.7	71.5#
132	28.4	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 84.58 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion:	172	Resp:	1283277
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.1	19.8	29.8





#45

1,1'-Biphenyl

Concen: 42.18 ng

RT: 8.69 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampled :

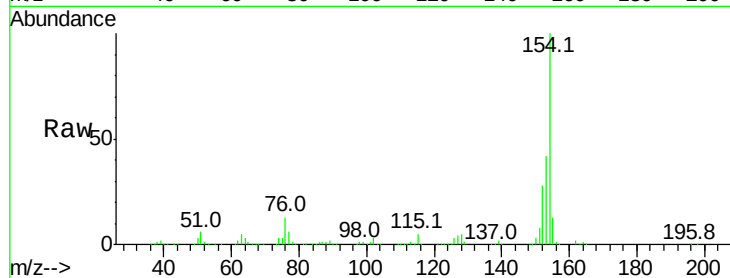
Tot Ion:154 Resp: 769313

Ion Ratio Lower Upper

154 100

153 41.5 21.2 61.2

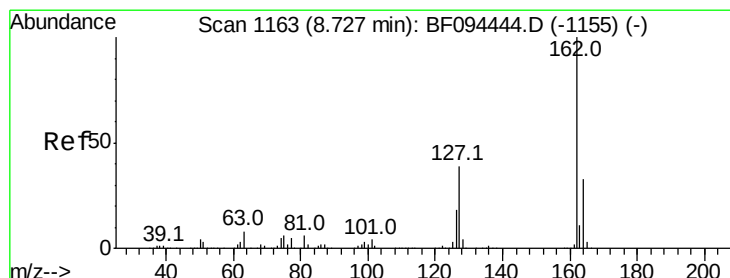
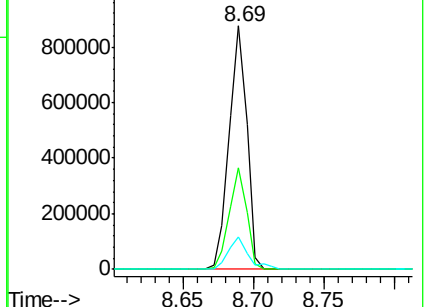
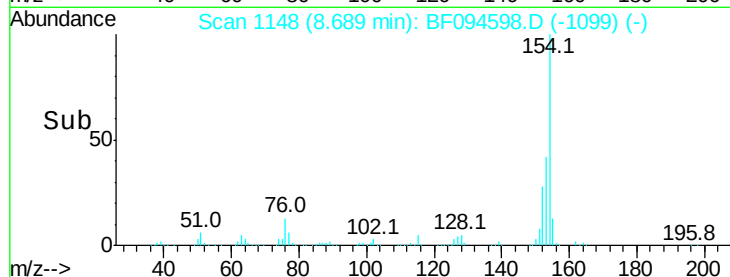
76 13.4 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.90 ng

RT: 8.71 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

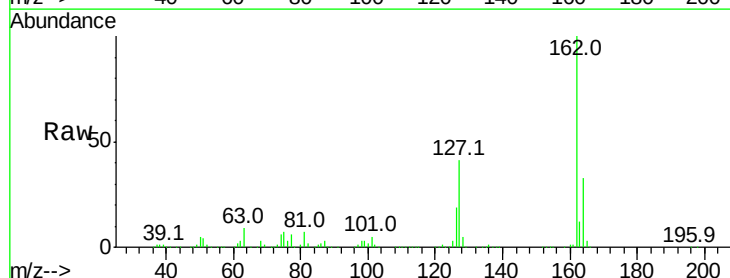
Tgt Ion:162 Resp: 622185

Ion Ratio Lower Upper

162 100

127 41.1 28.3 42.5

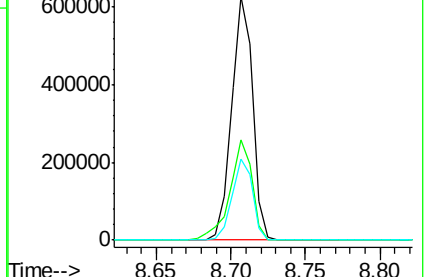
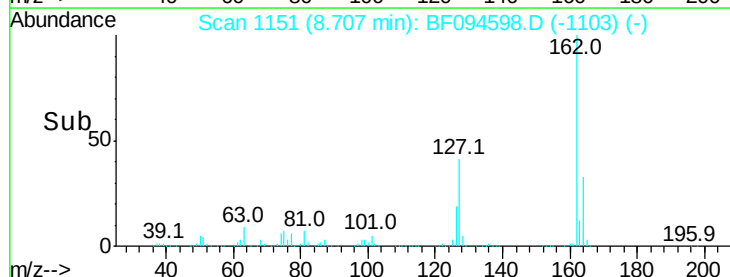
164 33.2 27.0 40.4

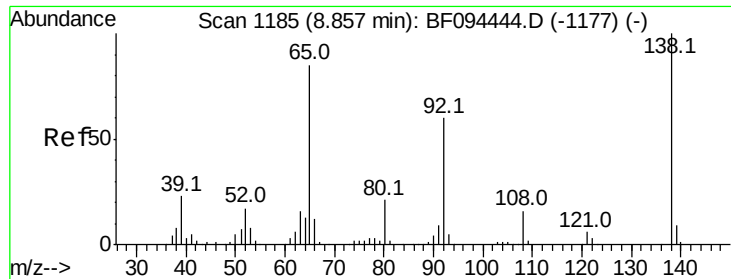


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

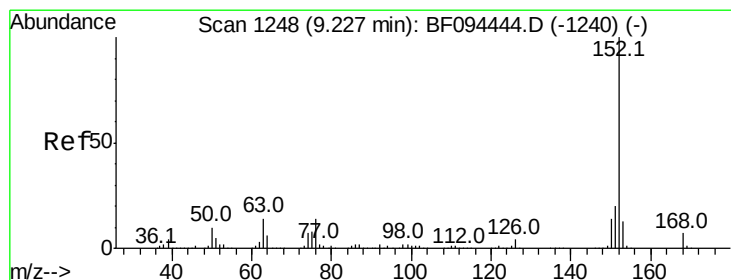
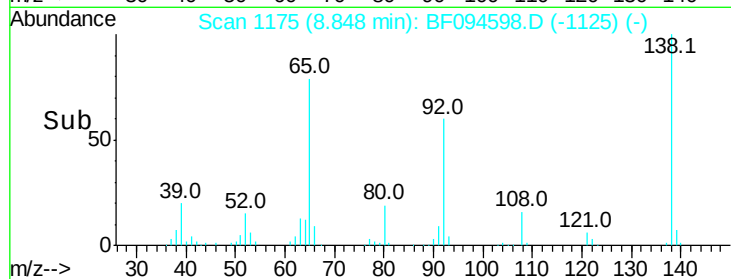
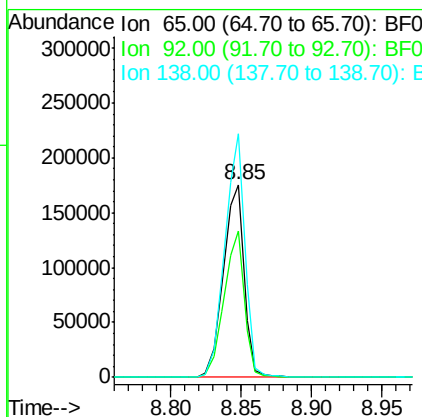
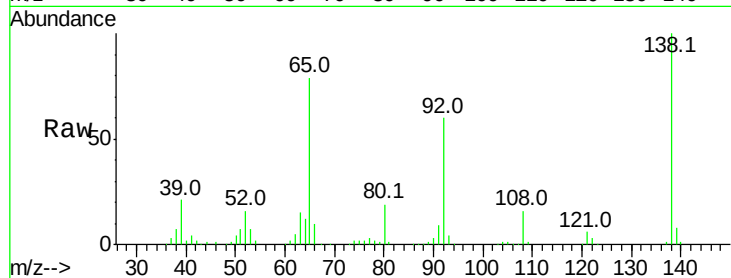




#47
 2-Nitroaniline
 Concen: 43.24 ng
 RT: 8.85 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

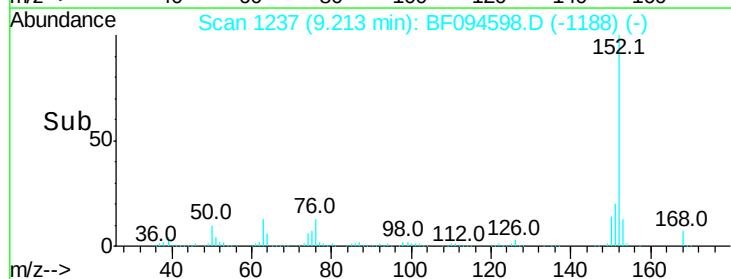
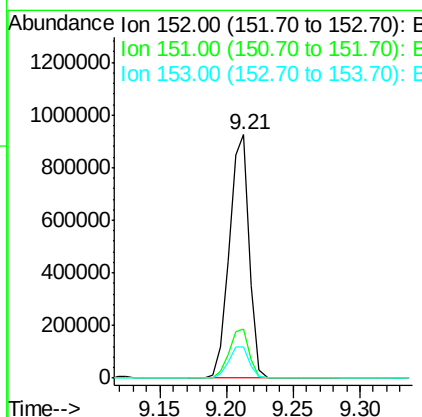
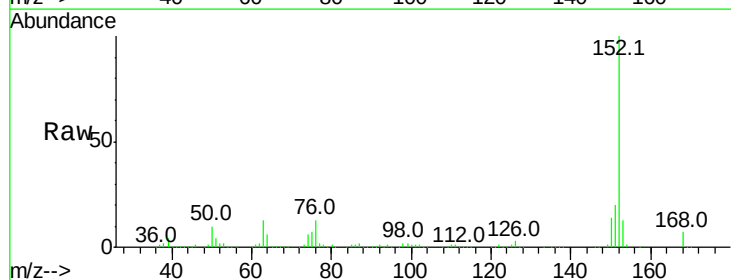
Instrument :
 BNA_F
 ClientSampled :

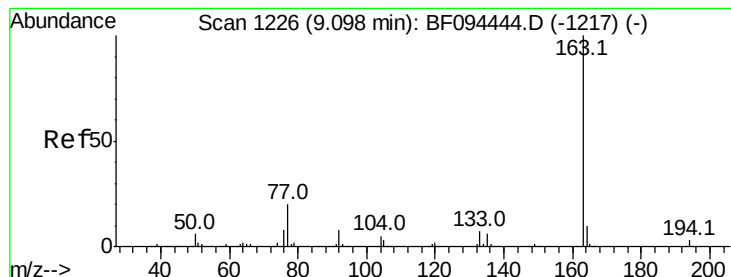
Tot Ion: 65 Resp: 180384
 Ion Ratio Lower Upper
 65 100
 92 76.2 53.9 80.9
 138 126.2 78.8 118.2#



#48
 Acenaphthylene
 Concen: 42.77 ng
 RT: 9.21 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion:152 Resp: 966929
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.8 25.2
 153 12.9 10.8 16.2





#49

Dimethylphthalate

Concen: 45.22 ng

RT: 9.09 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampleId :

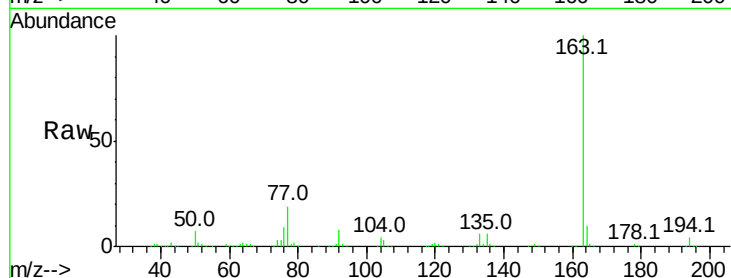
Tot Ion:163 Resp: 752246

Ion Ratio Lower Upper

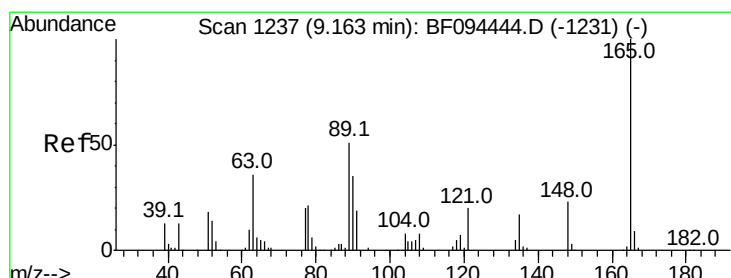
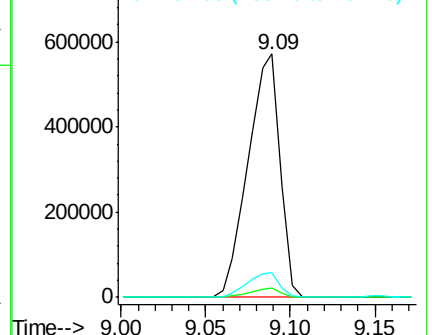
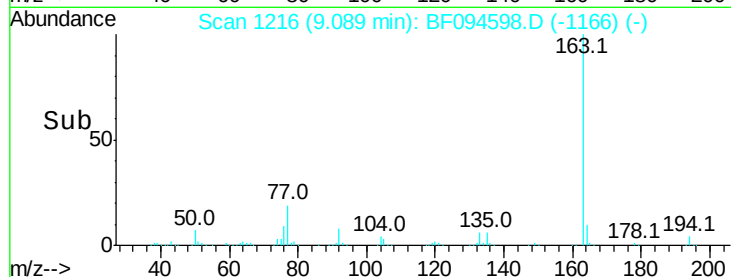
163 100

194 3.7 2.6 4.0

164 10.1 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 45.35 ng

RT: 9.15 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

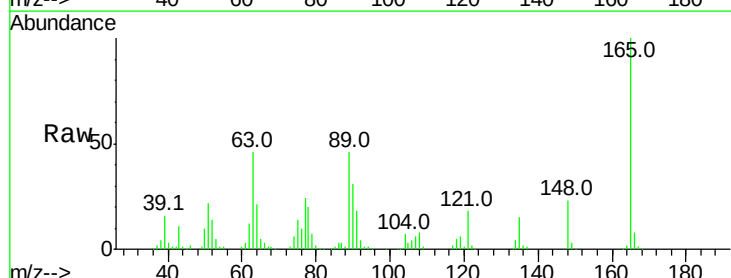
Tgt Ion:165 Resp: 169343

Ion Ratio Lower Upper

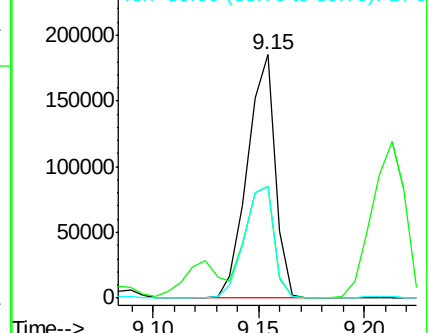
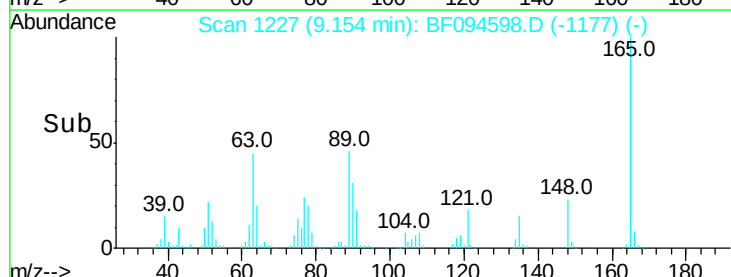
165 100

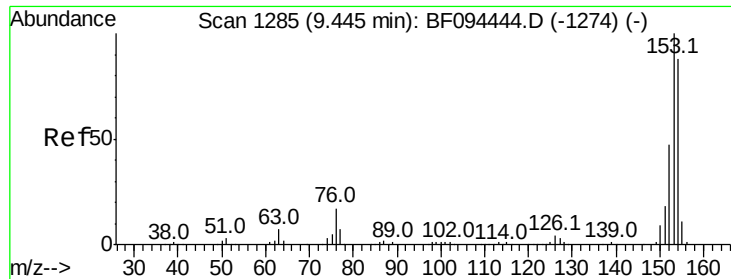
63 45.8 34.3 51.5

89 46.0 37.1 55.7



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

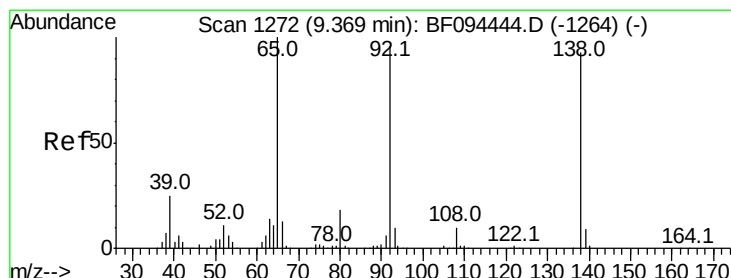
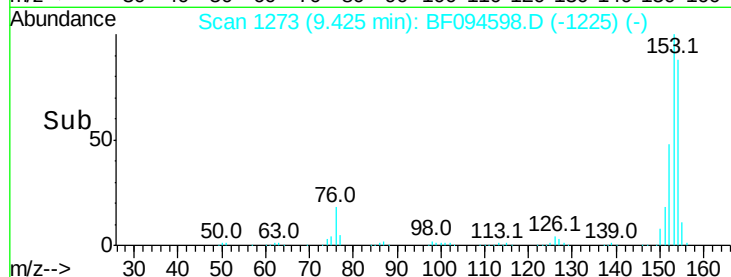
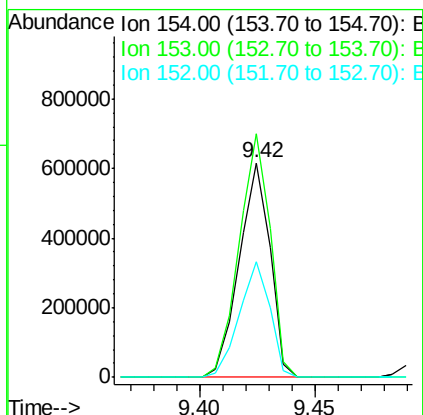
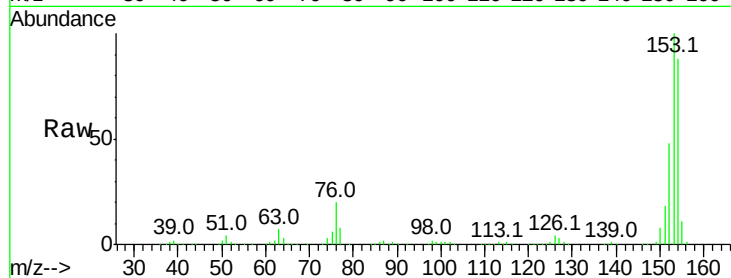




#51
Acenaphthene
Concen: 42.49 ng
RT: 9.42 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

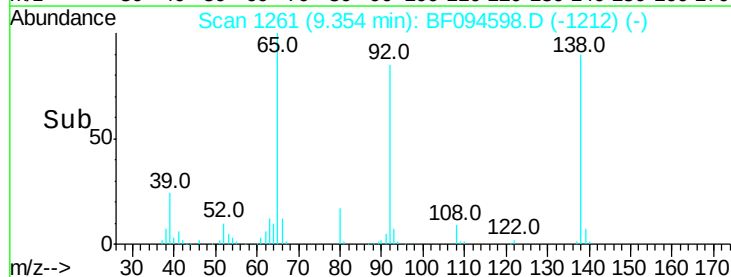
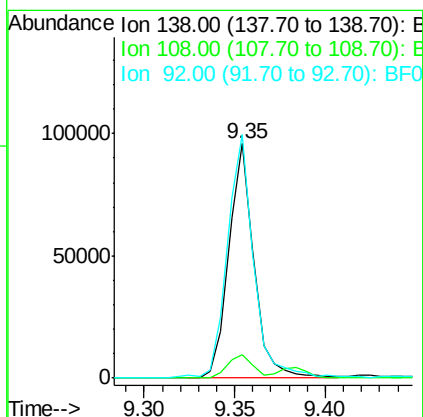
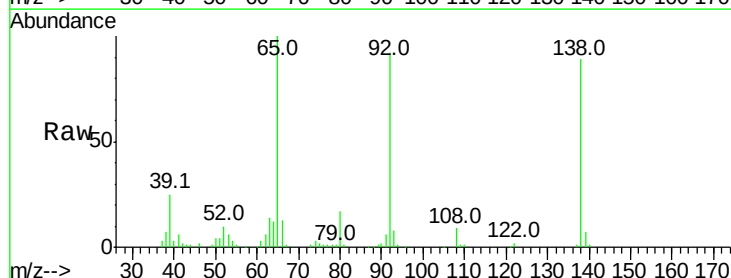
Instrument :
BNA_F
ClientSampleId :

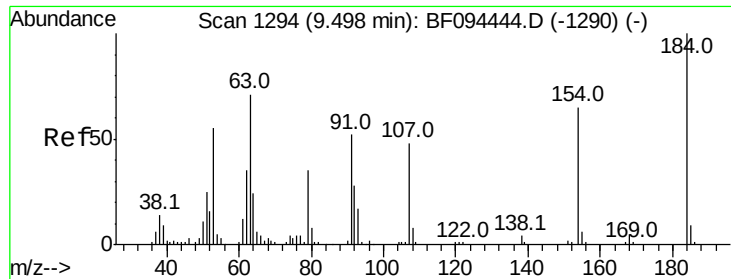
Tot Ion:154 Resp: 575427
Ion Ratio Lower Upper
154 100
153 113.3 90.5 135.7
152 54.0 43.6 65.4



#52
3-Nitroaniline
Concen: 21.52 ng
RT: 9.35 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion:138 Resp: 92991
Ion Ratio Lower Upper
138 100
108 10.1 9.1 13.7
92 104.0 93.8 140.6

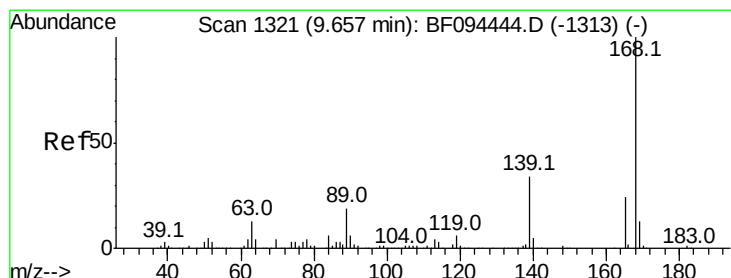
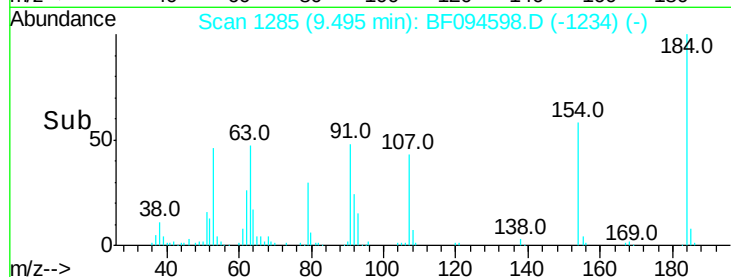
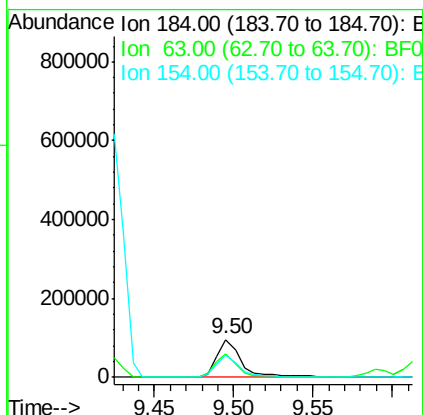
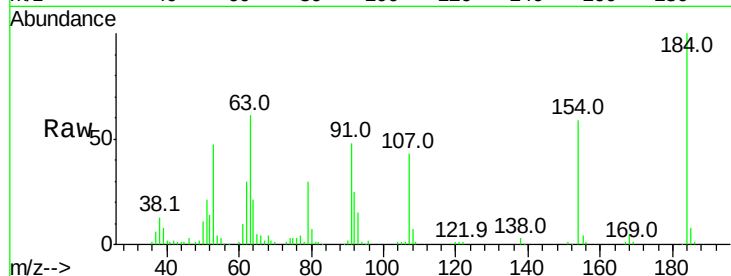




#53
 2,4-Dinitrophenol
 Concen: 53.63 ng
 RT: 9.50 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

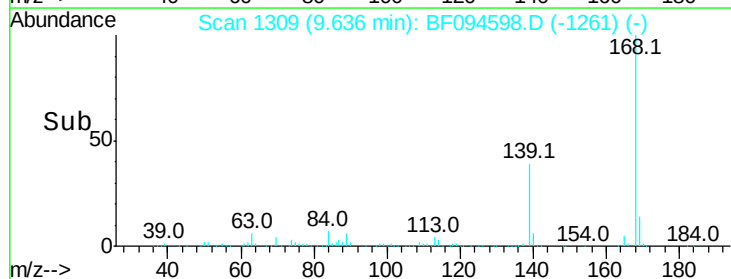
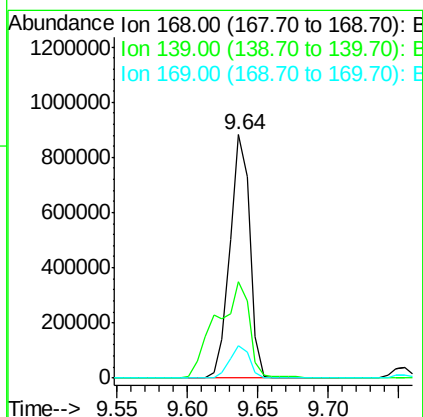
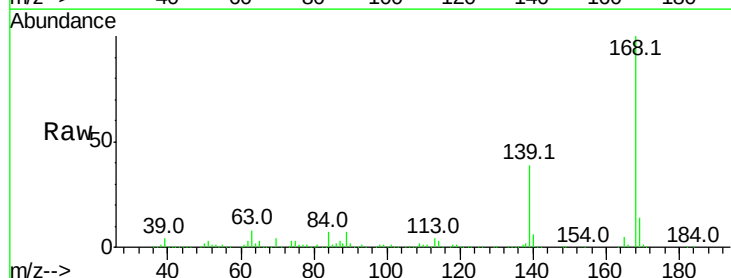
Instrument :
 BNA_F
 ClientSampled :

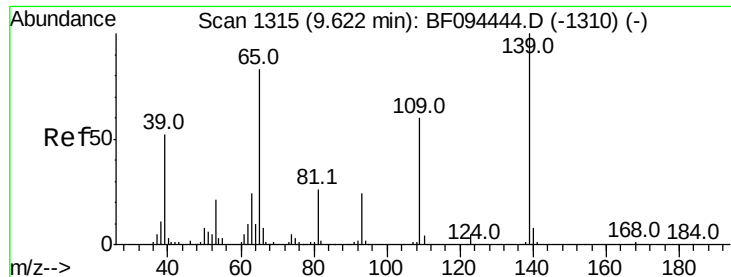
Tot Ion:184 Resp: 104528
 Ion Ratio Lower Upper
 184 100
 63 60.8 62.7 94.1#
 154 59.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.61 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion:168 Resp: 858236
 Ion Ratio Lower Upper
 168 100
 139 39.5 30.6 45.8
 169 13.5 10.8 16.2

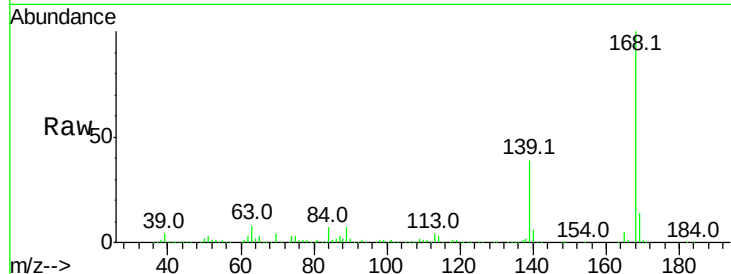




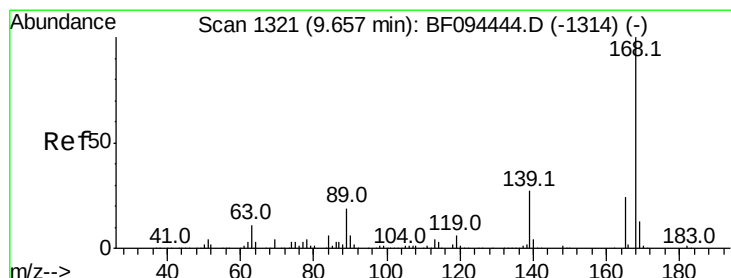
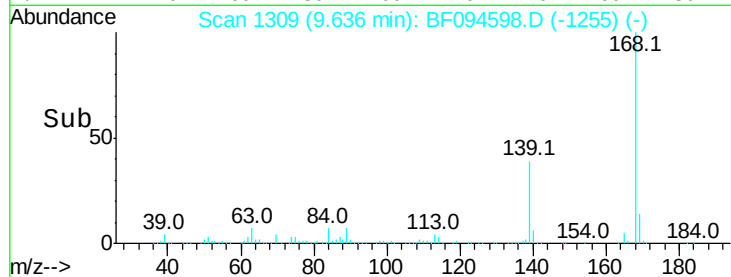
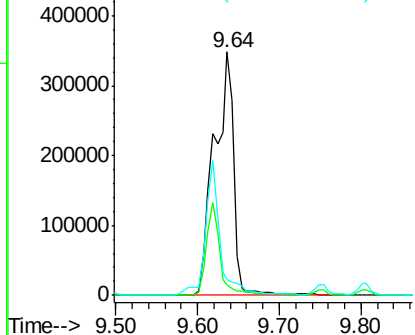
#55
4-Nitrophenol
Concen: 189.87 ng
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 579537
Ion Ratio Lower Upper
139 100
109 4.2 34.1 74.1#
65 6.5 31.4 71.4#

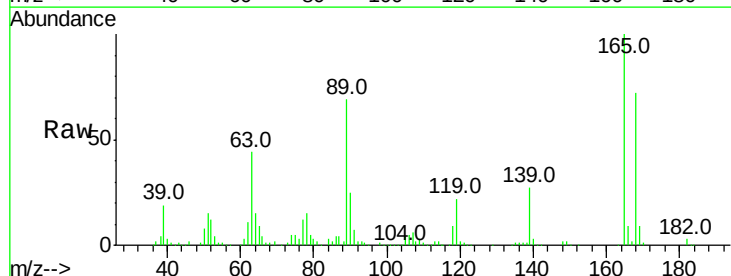


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

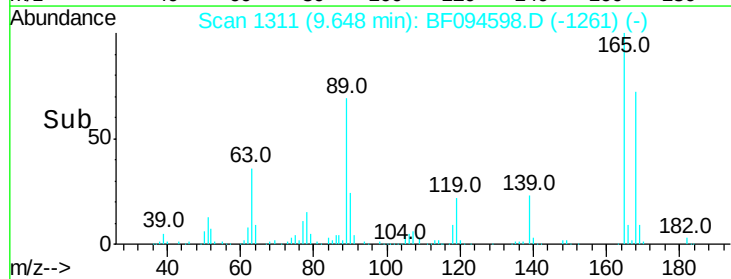
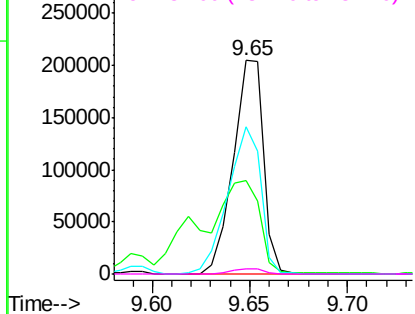


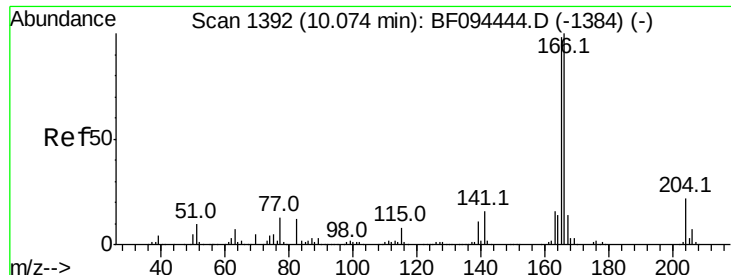
#56
2,4-Dinitrotoluene
Concen: 48.09 ng
RT: 9.65 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion:165 Resp: 220342
Ion Ratio Lower Upper
165 100
63 43.5 25.4 38.0#
89 69.0 46.4 69.6
182 2.7 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: 43.15 ng

RT: 10.06 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampled :

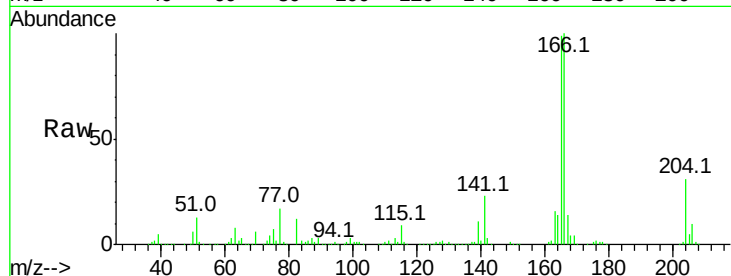
Tot Ion:166 Resp: 661300

Ion Ratio Lower Upper

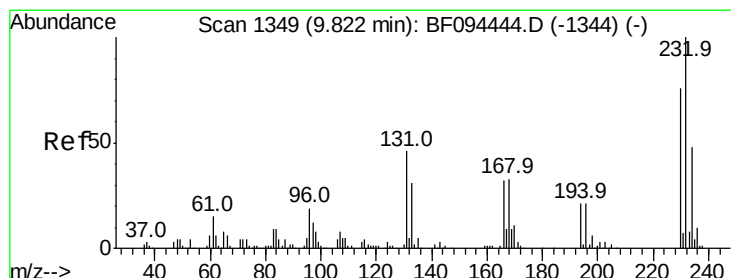
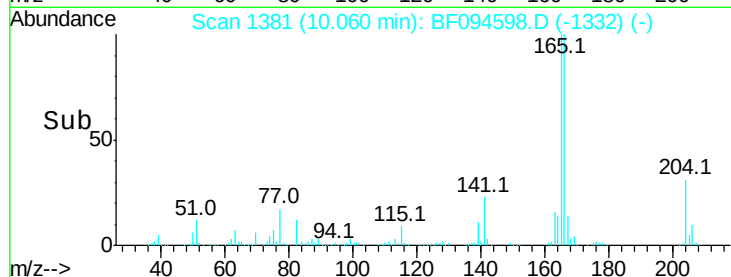
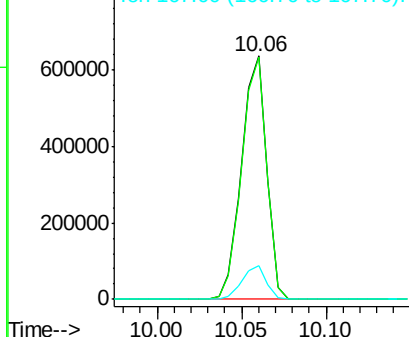
166 100

165 99.5 78.8 118.2

167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.79 ng

RT: 9.81 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Tgt Ion:232 Resp: 153752

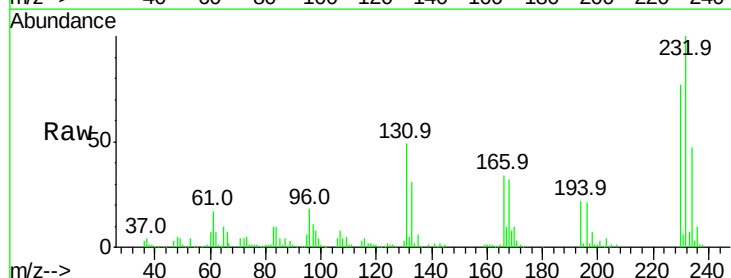
Ion Ratio Lower Upper

232 100

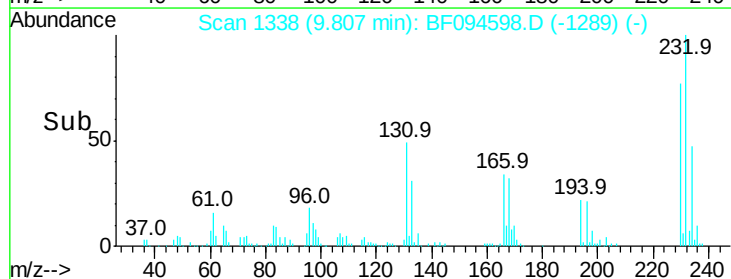
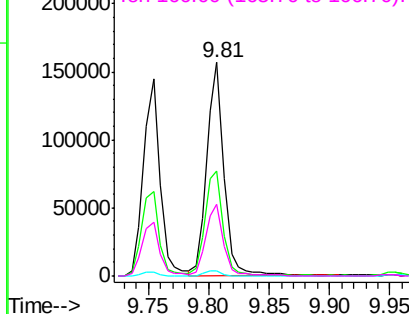
131 51.7 44.8 67.2

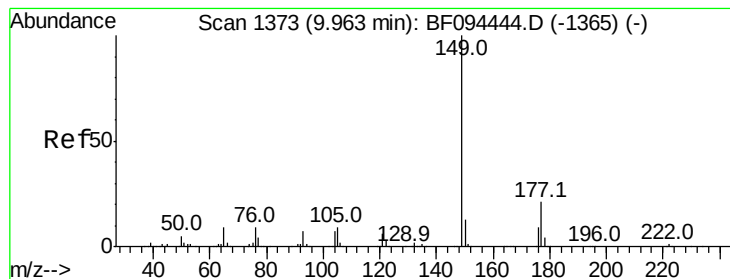
130 2.5 2.3 3.5

166 35.0 29.0 43.4



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.46 ng

RT: 9.95 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampleId :

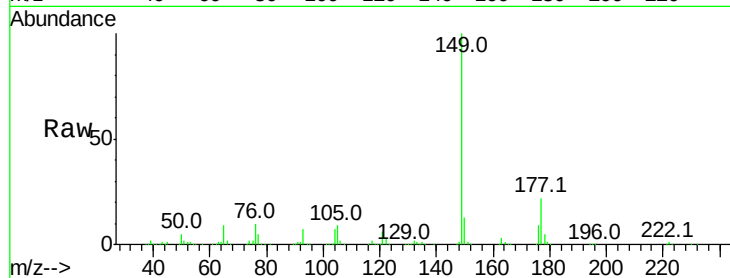
Tot Ion:149 Resp: 713630

Ion Ratio Lower Upper

149 100

177 21.5 16.7 25.1

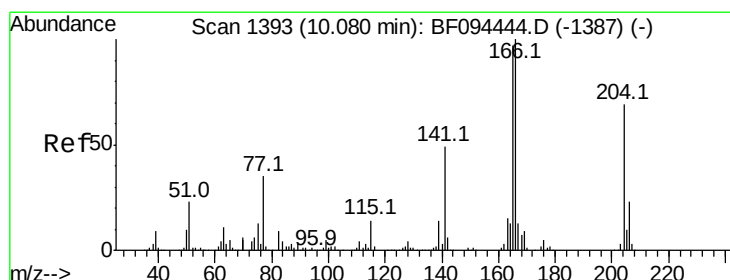
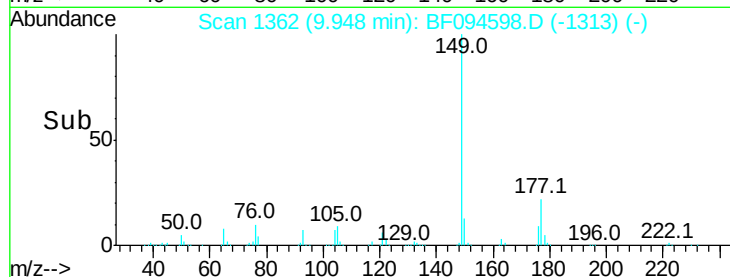
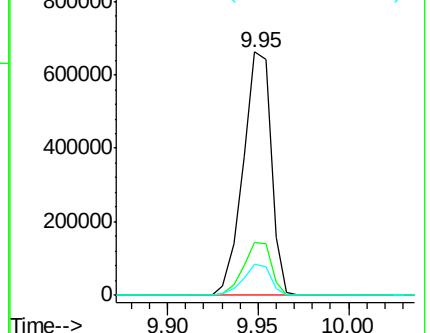
150 12.7 10.2 15.2



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: 44.78 ng

RT: 10.07 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

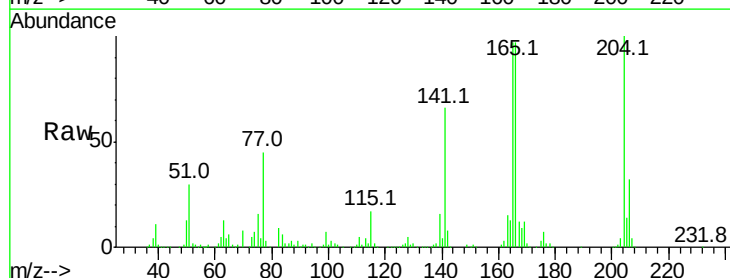
Tgt Ion:204 Resp: 285630

Ion Ratio Lower Upper

204 100

206 31.8 26.2 39.2

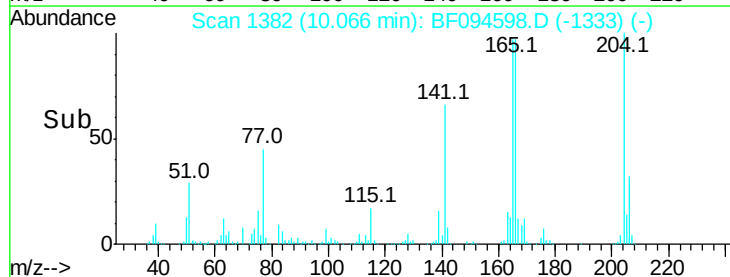
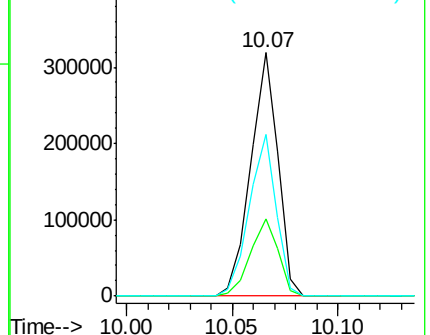
141 66.4 60.8 91.2

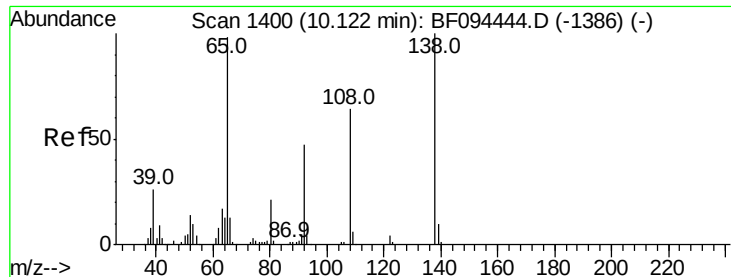


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

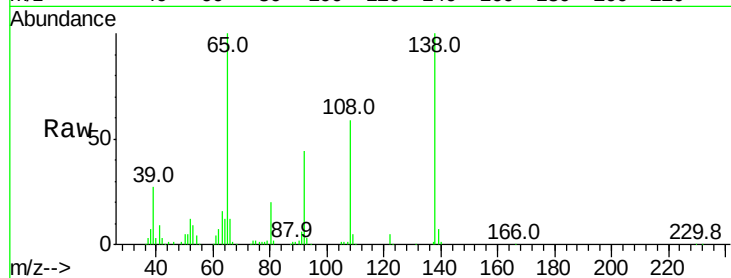




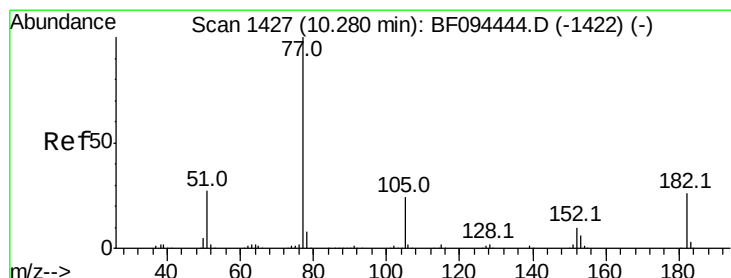
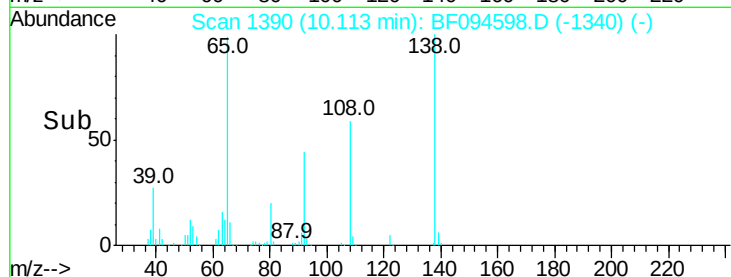
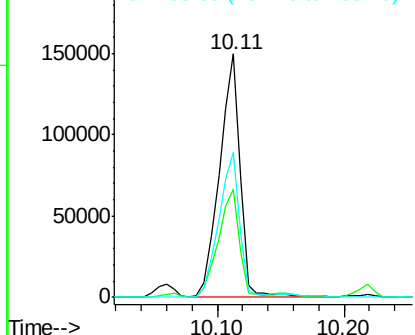
#61
4-Nitroaniline
Concen: 38.87 ng
RT: 10.11 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 170735
Ion Ratio Lower Upper
138 100
92 44.4 21.8 61.8
108 59.7 42.3 82.3

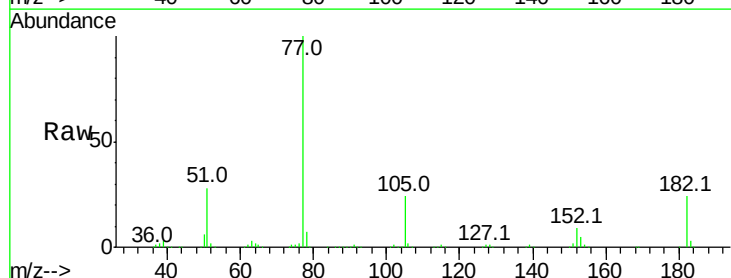


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

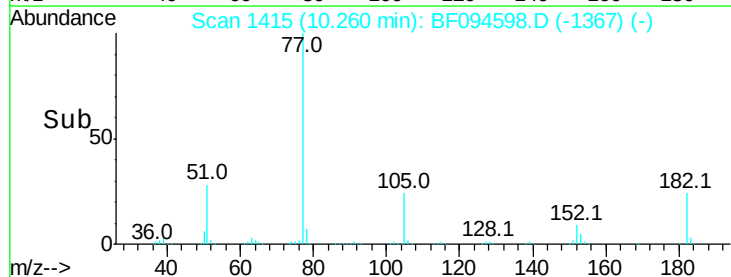
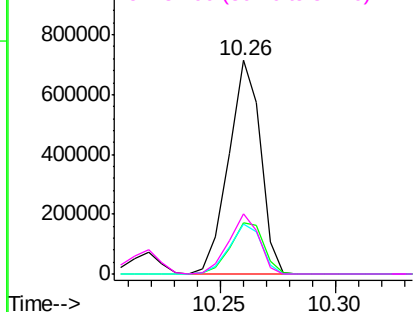


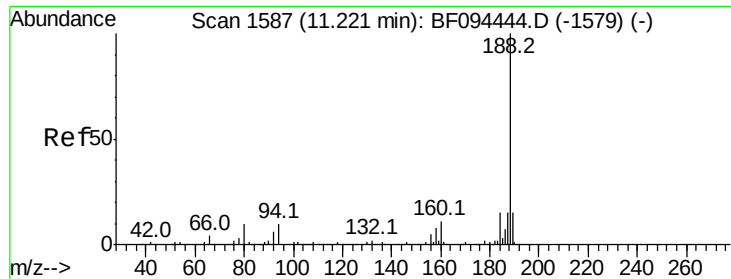
#62
Azobenzene
Concen: 45.03 ng
RT: 10.26 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion: 77 Resp: 686278
Ion Ratio Lower Upper
77 100
182 23.8 0.1 40.1
105 23.6 3.6 43.6
51 27.9 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

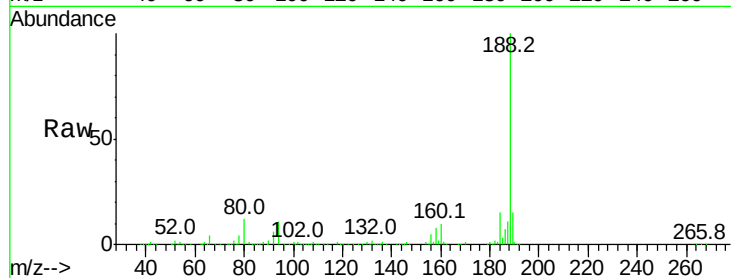




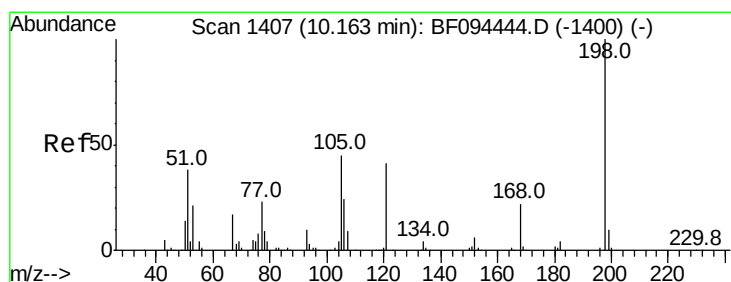
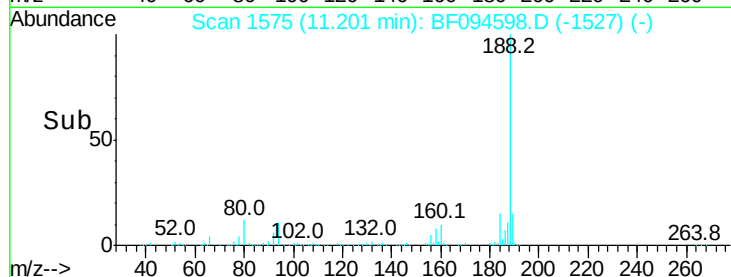
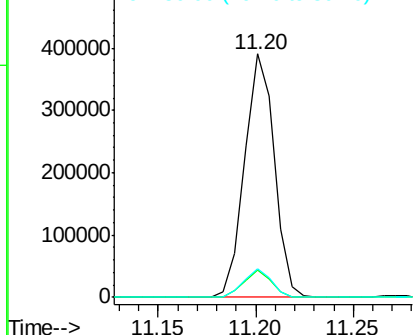
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 412897
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 11.8 10.2 15.2

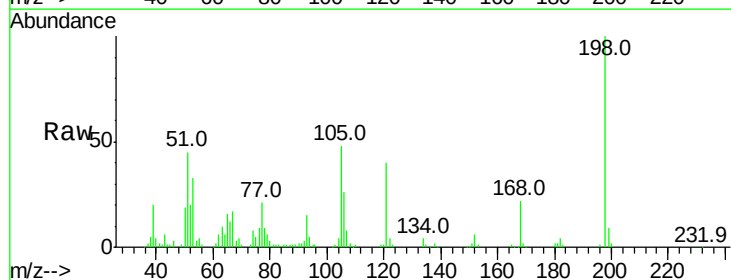


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

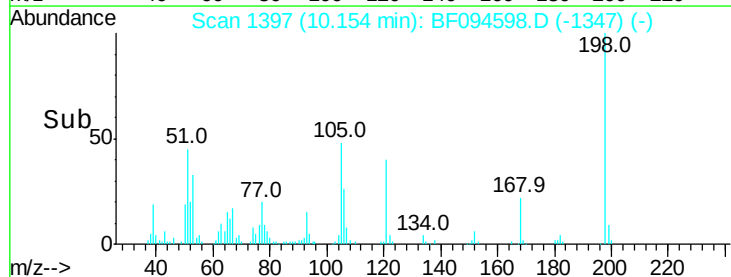
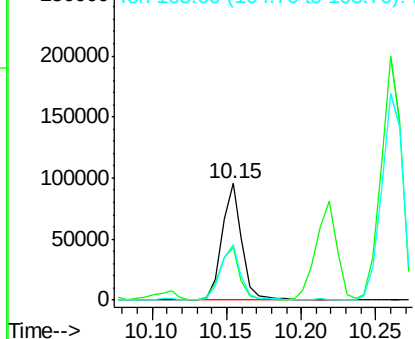


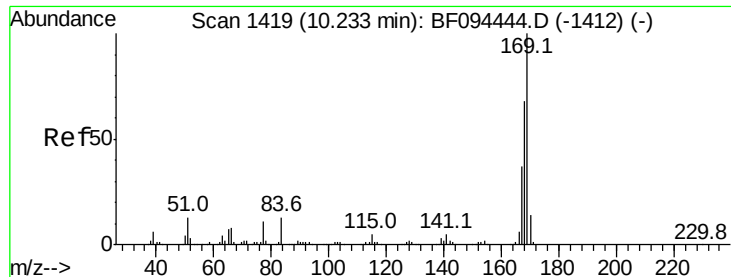
#64
4,6-Dinitro-2-methylphenol
Concen: 33.08 ng
RT: 10.15 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion:198 Resp: 89480
Ion Ratio Lower Upper
198 100
51 45.3 53.2 93.2#
105 48.1 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

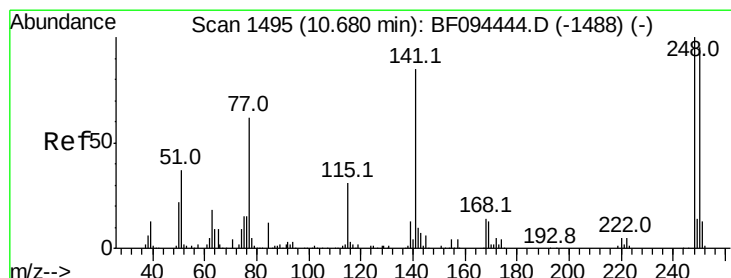
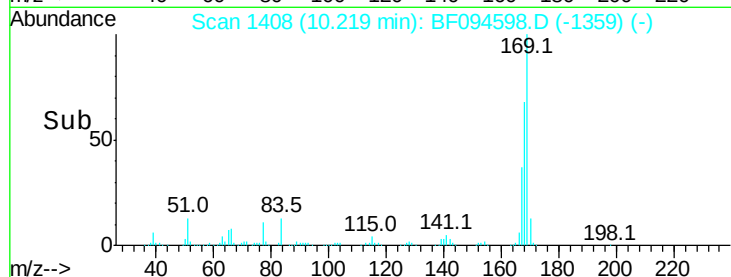
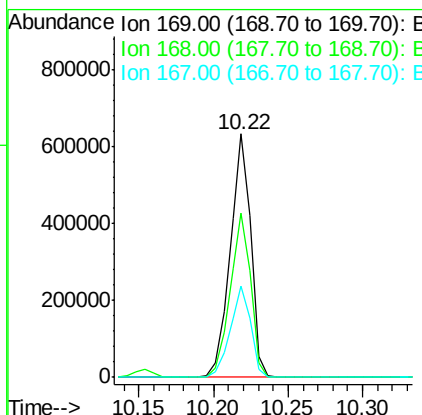
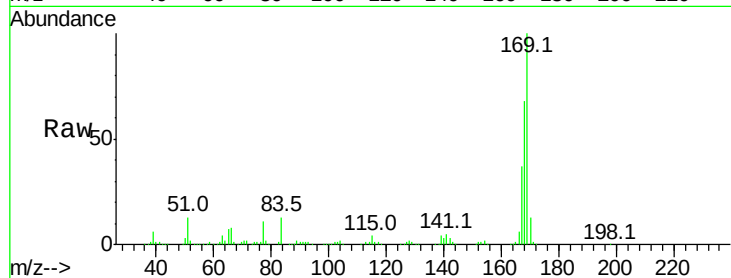




#65
 n-Nitrosodiphenylamine
 Concen: 42.71 ng
 RT: 10.22 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

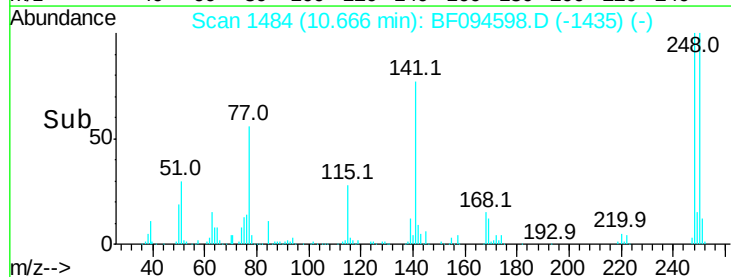
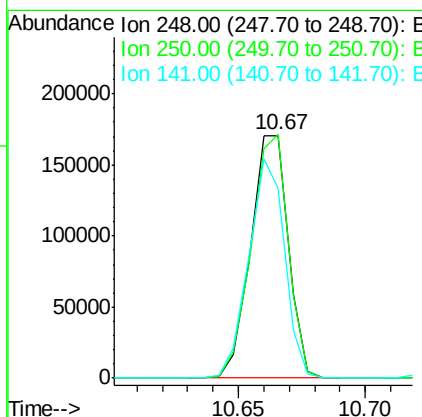
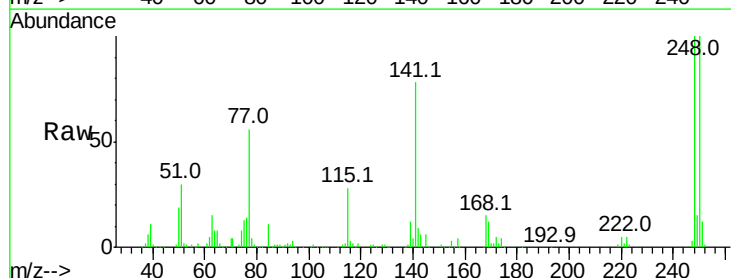
Instrument :
 BNA_F
 ClientSampleId :

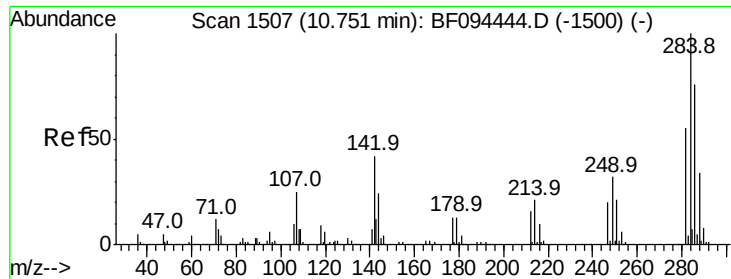
Tot Ion:169 Resp: 613260
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.2 79.8
 167 37.3 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 43.30 ng
 RT: 10.67 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion:248 Resp: 177538
 Ion Ratio Lower Upper
 248 100
 250 100.2 76.8 115.2
 141 78.3 68.6 103.0





#67

Hexachlorobenzene

Concen: 43.63 ng

RT: 10.74 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampled :

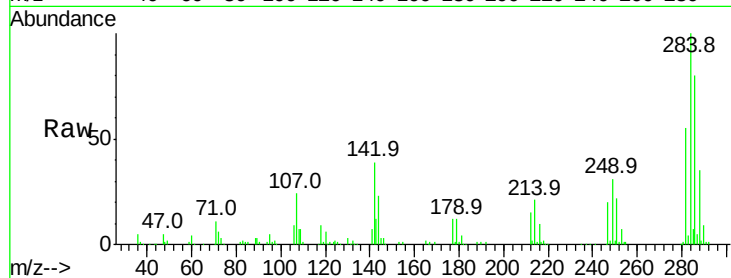
Tot Ion:284 Resp: 180275

Ion Ratio Lower Upper

284 100

142 39.4 22.8 34.2#

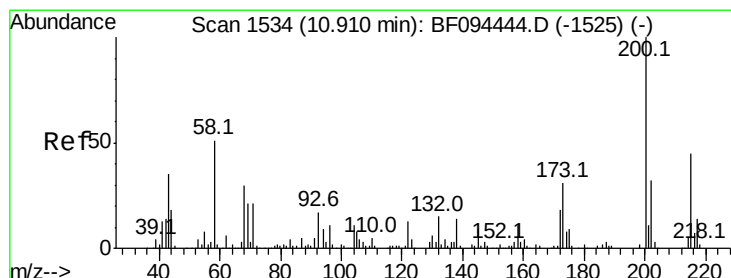
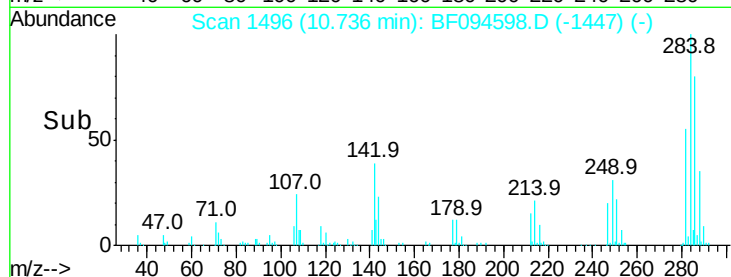
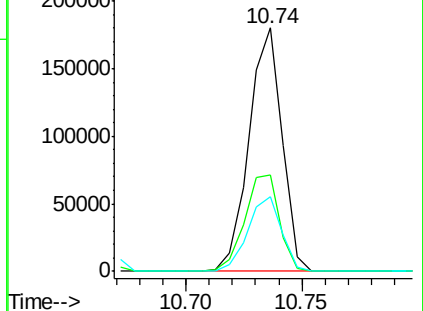
249 30.8 24.0 36.0



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: 44.91 ng

RT: 10.90 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

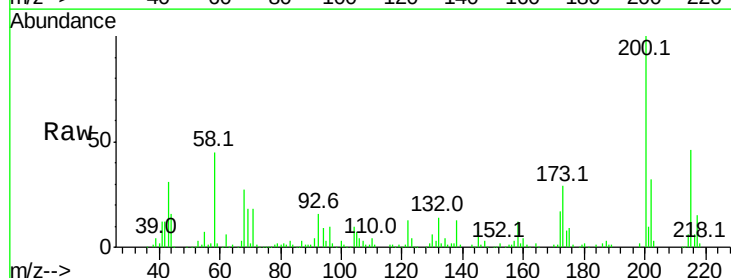
Tgt Ion:200 Resp: 192923

Ion Ratio Lower Upper

200 100

173 28.7 6.3 46.3

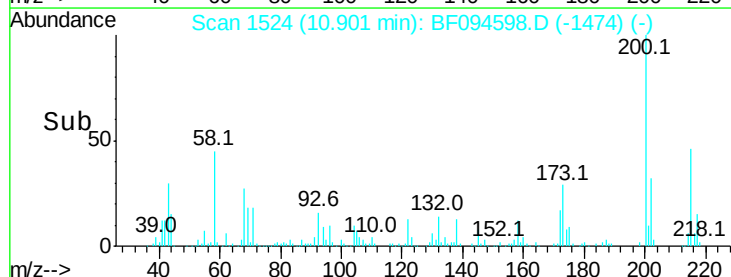
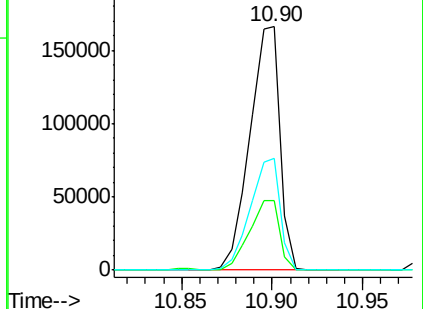
215 46.1 27.2 67.2

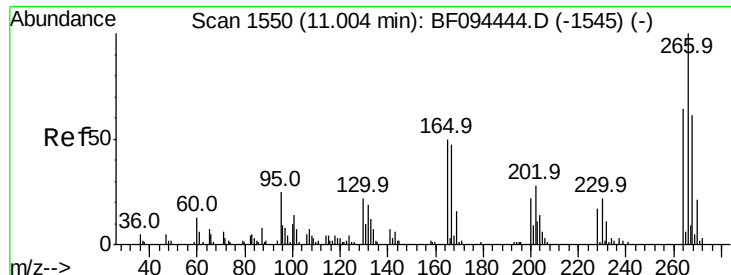


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

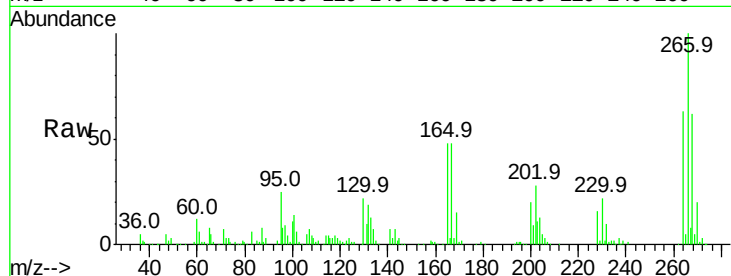




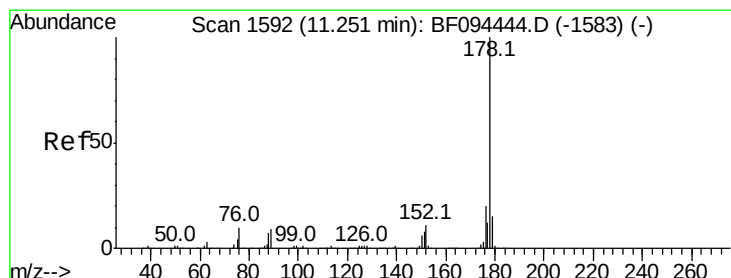
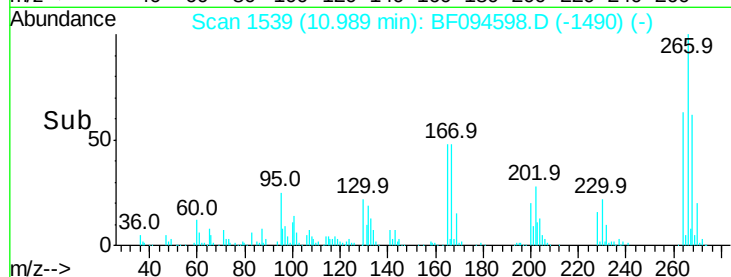
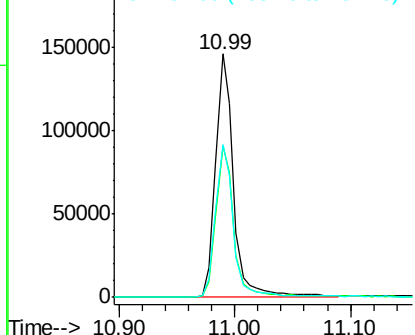
#69
 Pentachlorophenol
 Concen: 96.27 ng
 RT: 10.99 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.0	51.1	76.7
264	63.0	51.7	77.5

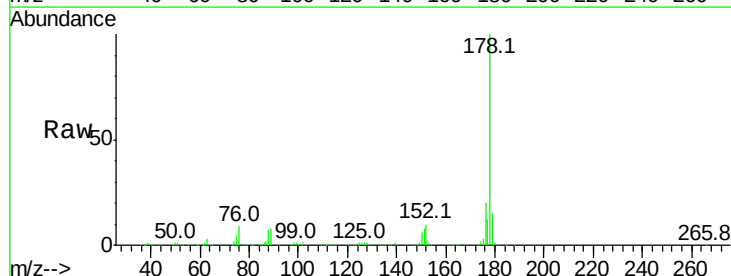


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

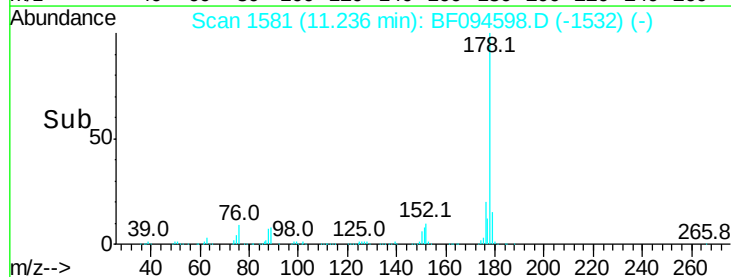
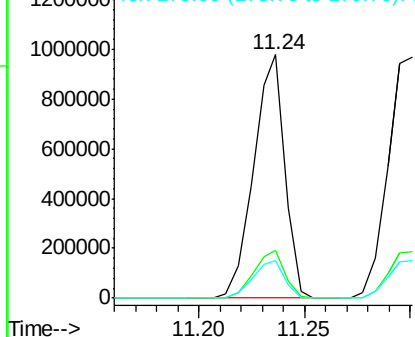


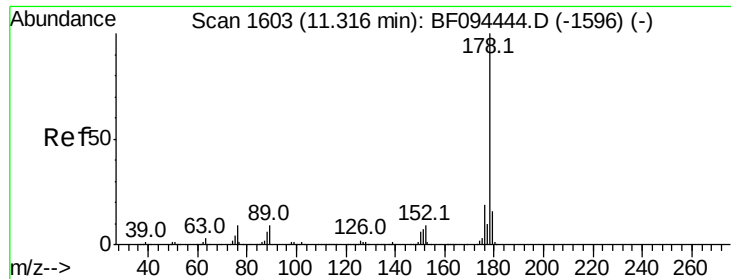
#70
 Phenanthrene
 Concen: 42.82 ng
 RT: 11.24 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.2	12.6	19.0



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

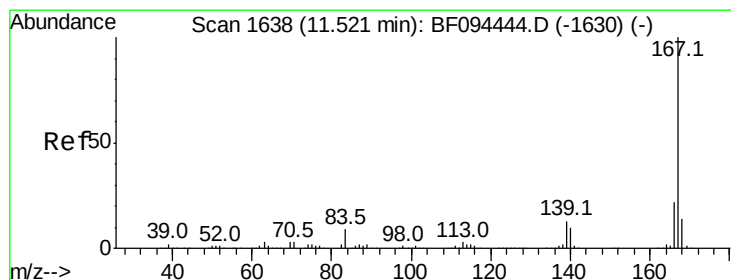
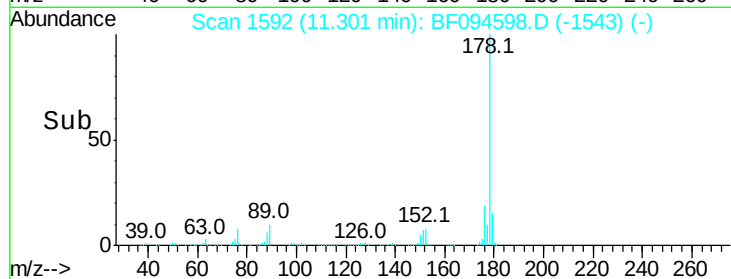
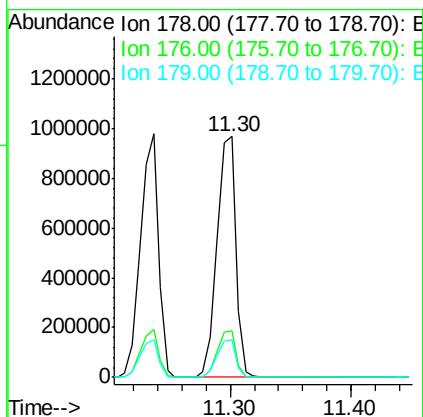
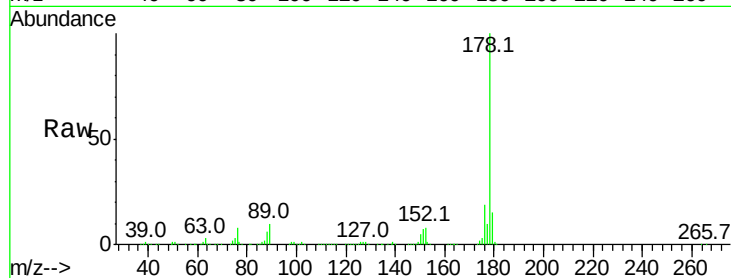




#71
 Anthracene
 Concen: 42.87 ng
 RT: 11.30 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

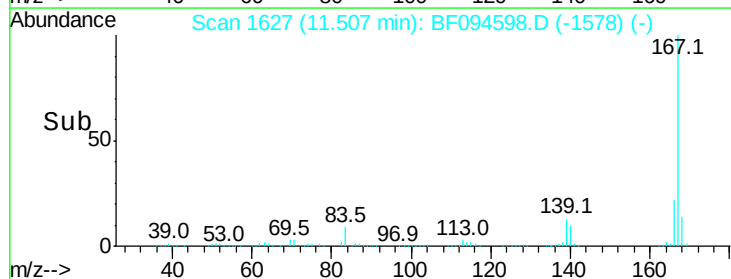
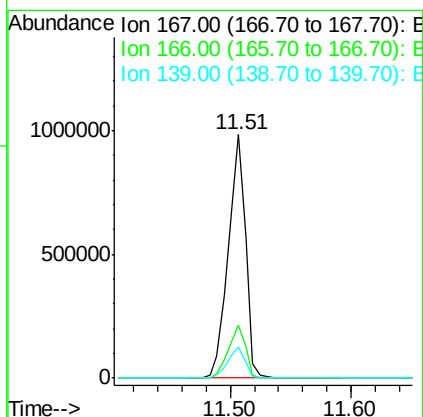
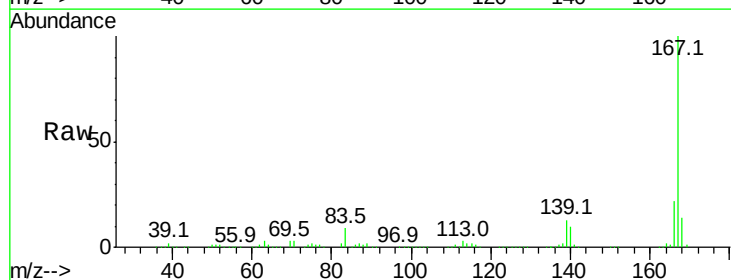
Instrument :
 BNA_F
 ClientSampleId :

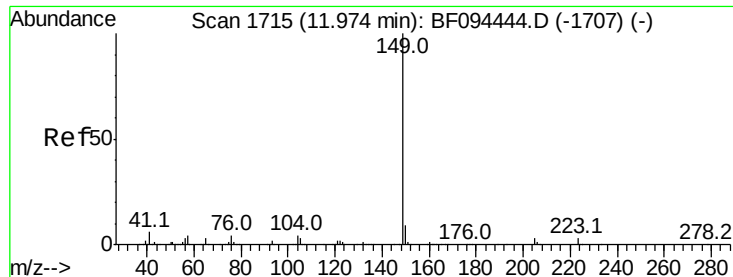
Tot Ion:178 Resp: 1030956
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 43.41 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion:167 Resp: 979990
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.64 ng

RT: 11.95 min Scan# 1703

Delta R.T. -0.02 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampled :

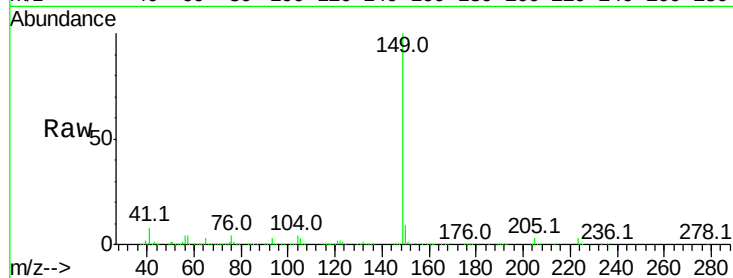
Tot Ion:149 Resp: 1159220

Ion Ratio Lower Upper

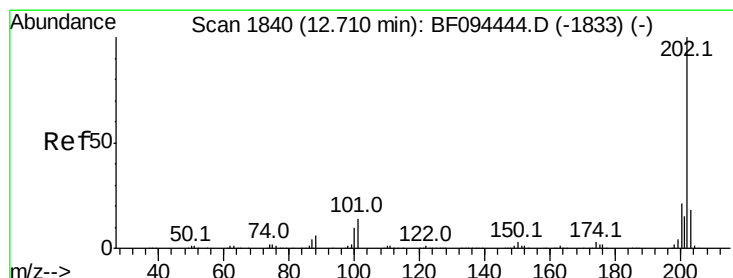
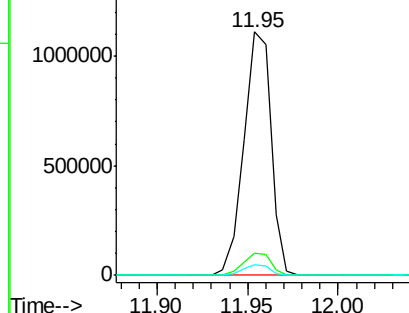
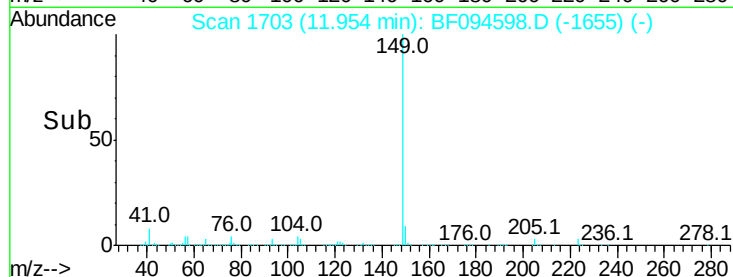
149 100

150 9.3 7.7 11.5

104 4.5 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: 43.70 ng

RT: 12.69 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

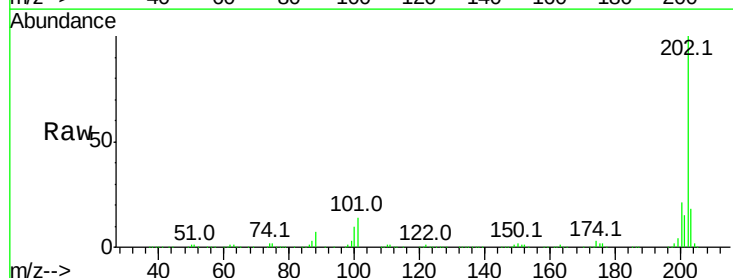
Tgt Ion:202 Resp: 1053181

Ion Ratio Lower Upper

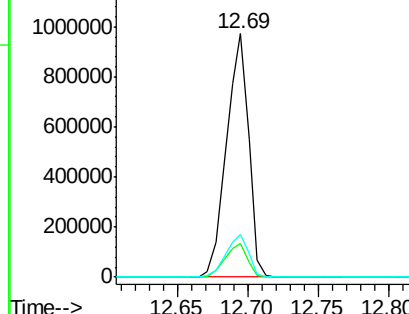
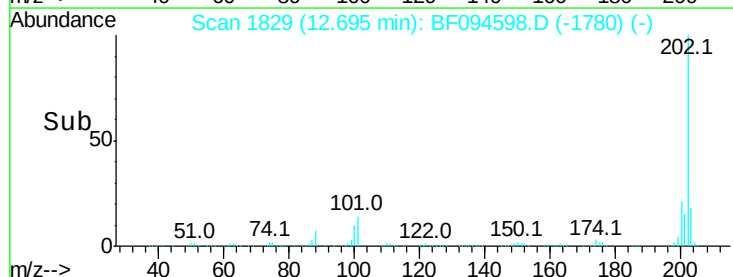
202 100

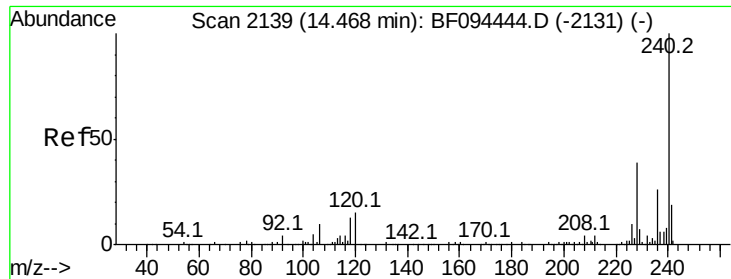
101 13.7 0.0 33.2

203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

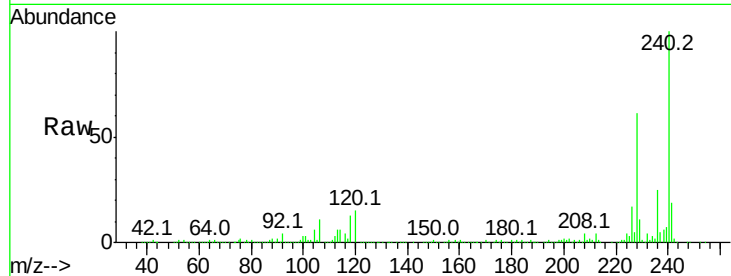




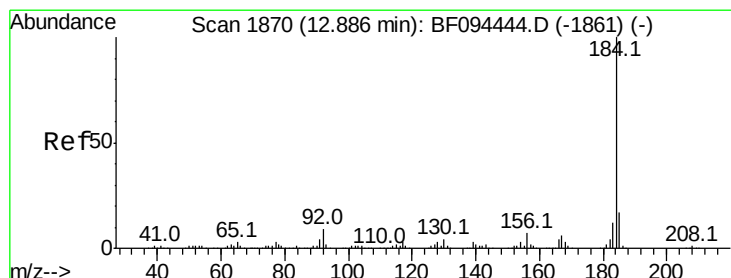
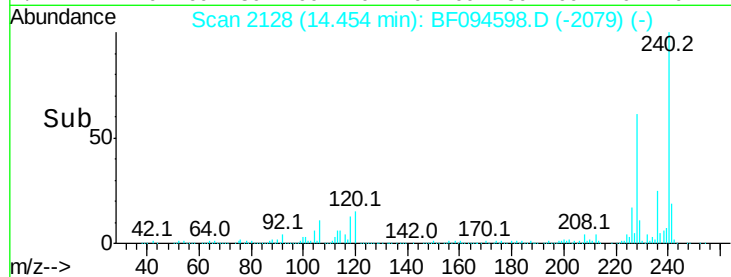
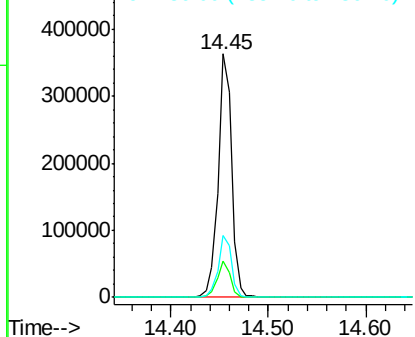
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:240 Resp: 349705
 Ion Ratio Lower Upper
 240 100
 120 15.0 5.8 8.8#
 236 25.2 20.5 30.7

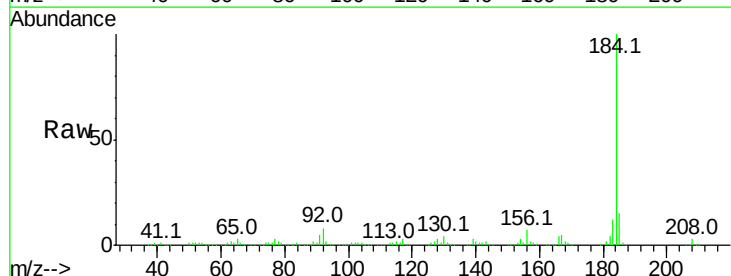


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

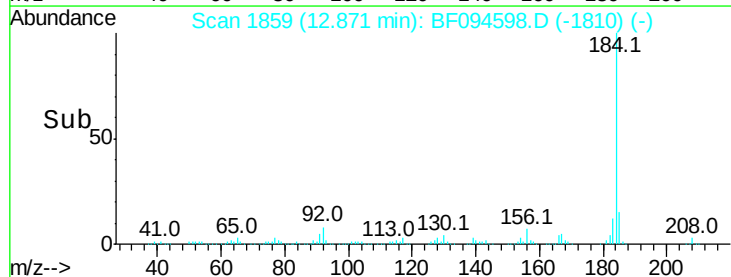
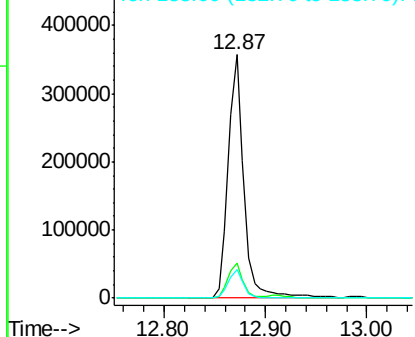


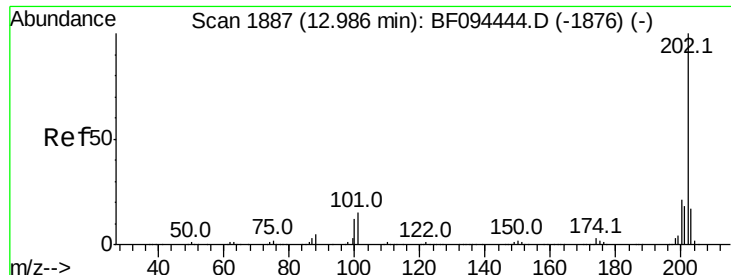
#76
 Benzidine
 Concen: 27.32 ng
 RT: 12.87 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion:184 Resp: 386812
 Ion Ratio Lower Upper
 184 100
 185 14.5 15.5 23.3#
 183 11.7 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

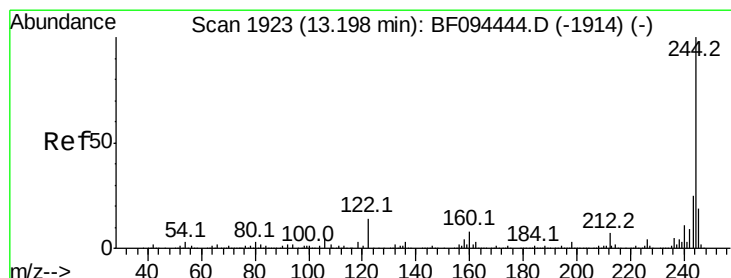
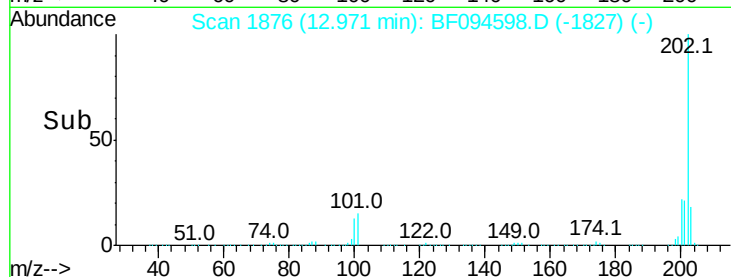
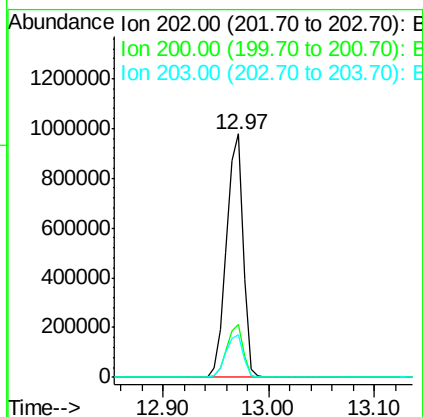
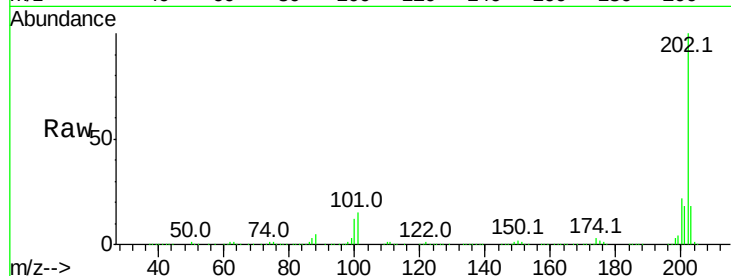




#77
Pvrene
Concen: 43.72 ng
RT: 12.97 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

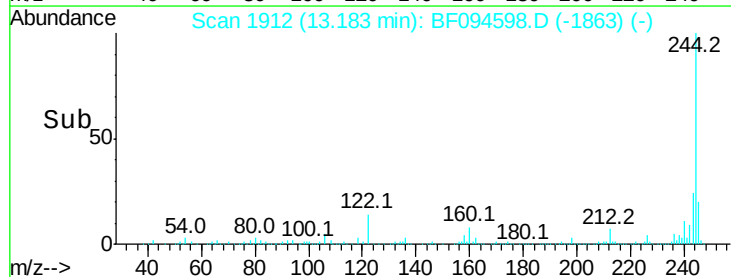
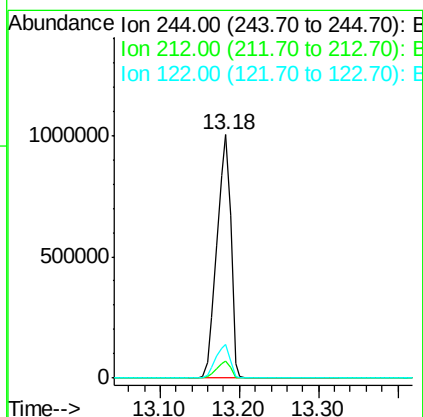
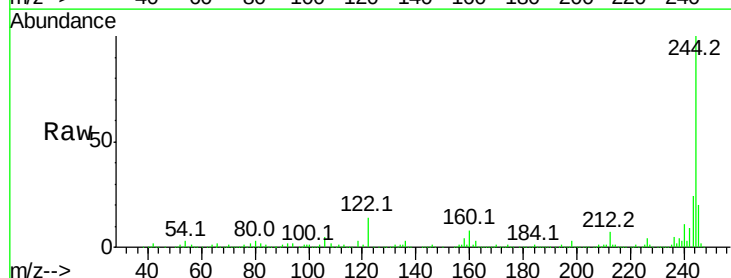
Instrument :
BNA_F
ClientSampleId :

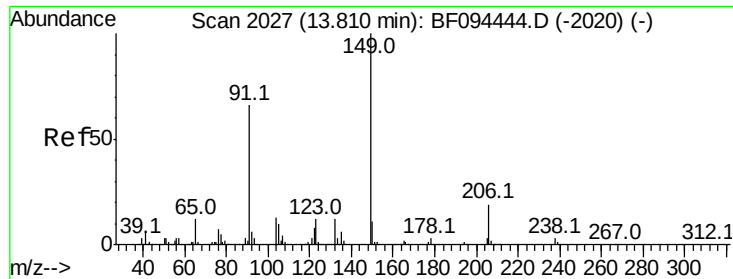
Tot Ion:202 Resp: 1068227
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.7 14.4 21.6



#78
Terphenyl-d14
Concen: 93.73 ng
RT: 13.18 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion:244 Resp: 1226318
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 13.8 10.3 15.5

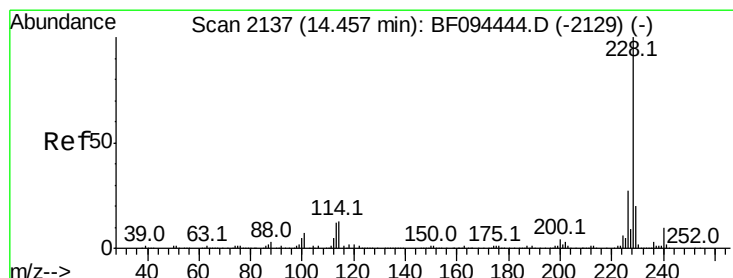
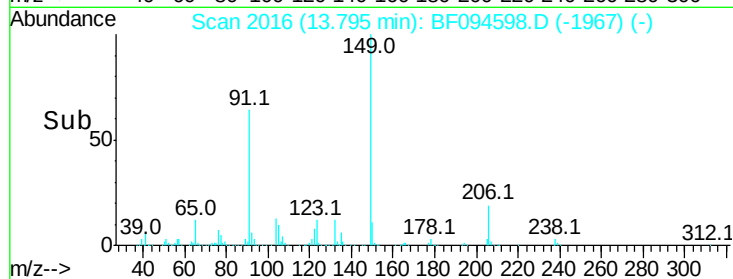
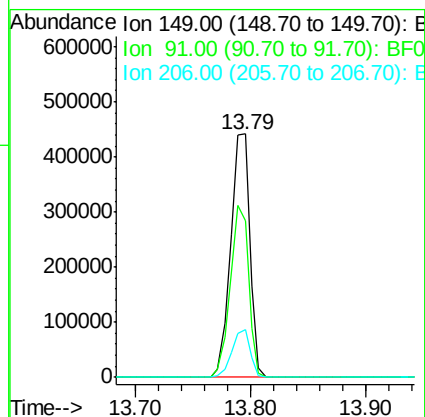
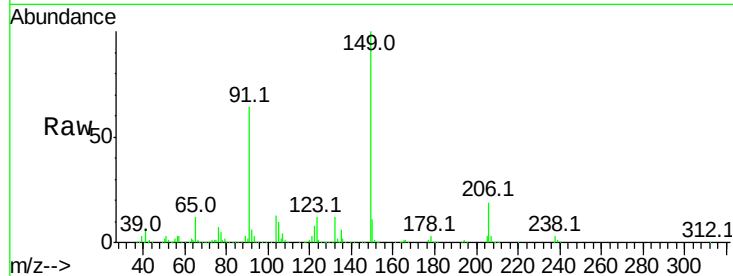




#79
Butylbenzylphthalate
Concen: 47.59 ng
RT: 13.79 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

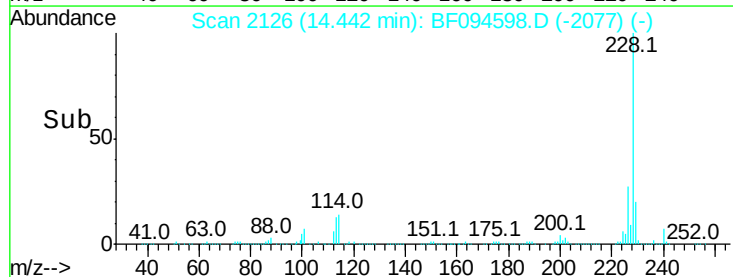
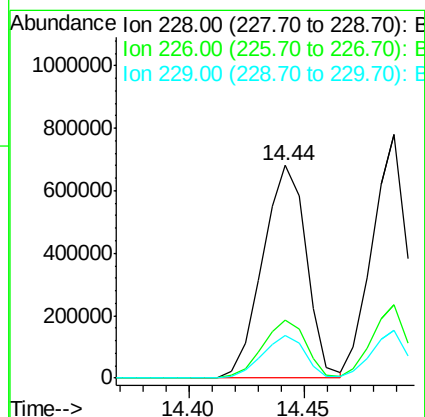
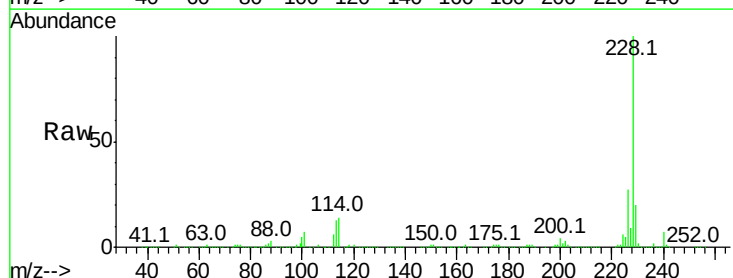
Instrument :
BNA_F
ClientSampled :

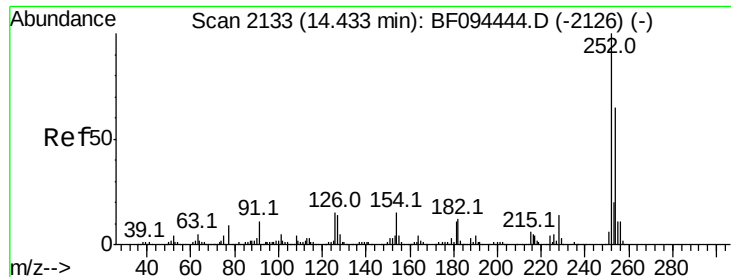
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.5	45.0	67.4
206	19.4	17.0	25.6



#80
Benzo(a)anthracene
Concen: 44.01 ng
RT: 14.44 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF094598.D
Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	33.8
229	19.9	16.3	24.5





#81

3,3'-Dichlorobenzidine

Concen: 24.51 ng

RT: 14.42 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampled :

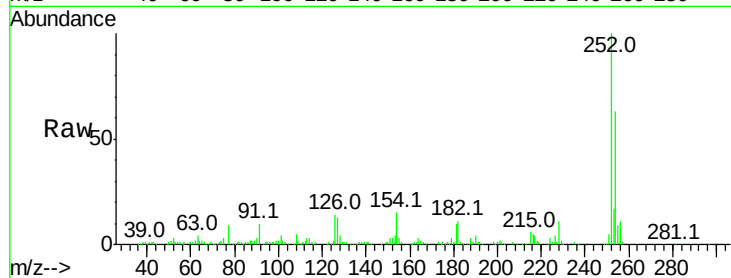
Tot Ion:252 Resp: 176349

Ion Ratio Lower Upper

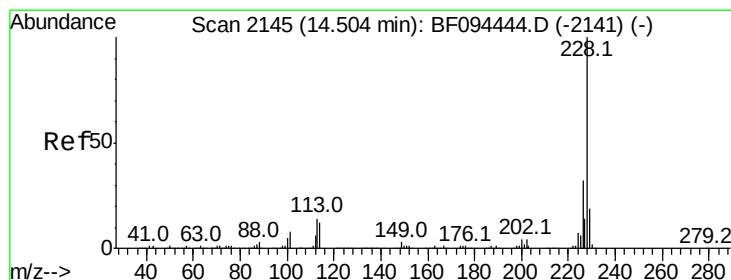
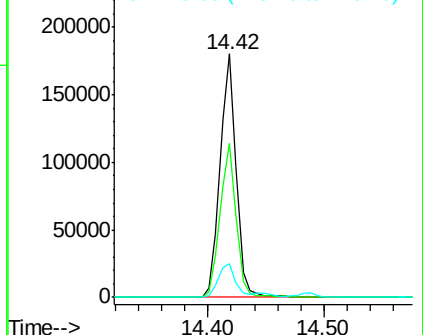
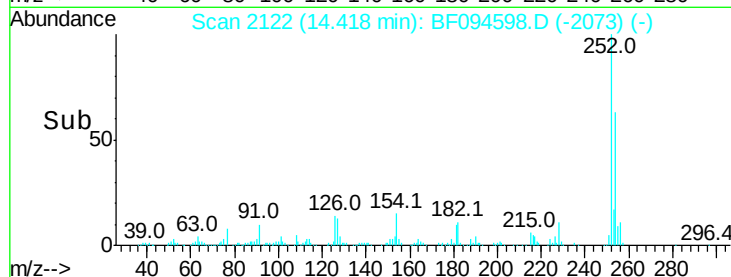
252 100

254 63.4 51.5 77.3

126 13.7 15.8 23.8#



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



#82

Chrysene

Concen: 43.30 ng

RT: 14.49 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

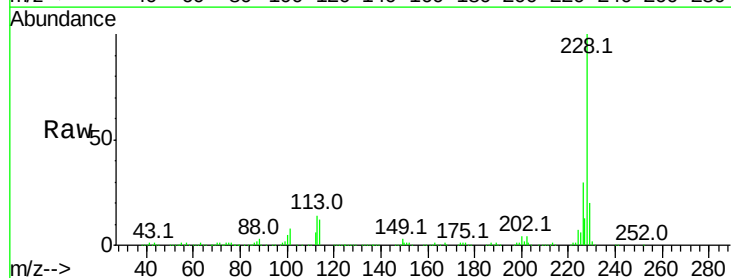
Tgt Ion:228 Resp: 804331

Ion Ratio Lower Upper

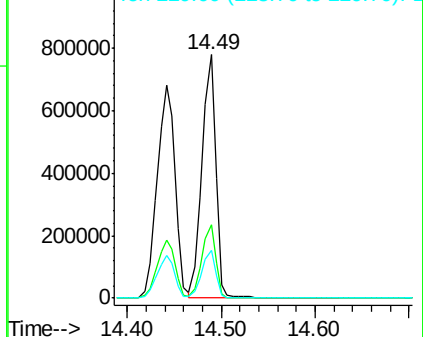
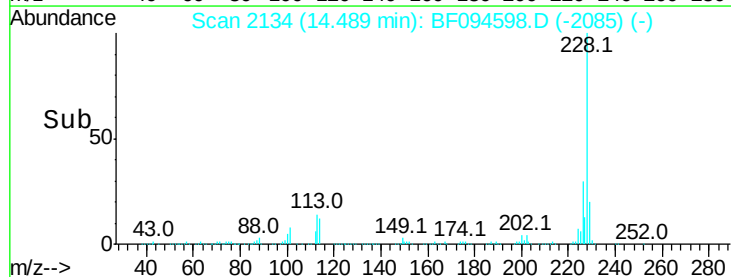
228 100

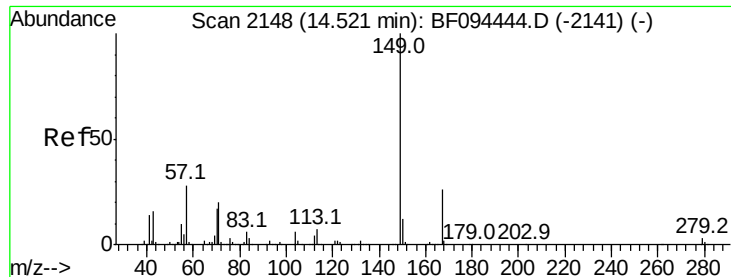
226 30.4 24.9 37.3

229 19.8 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

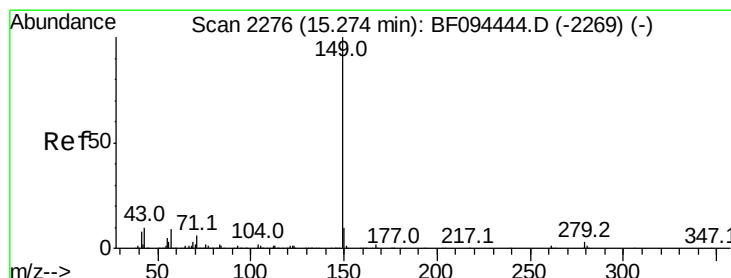
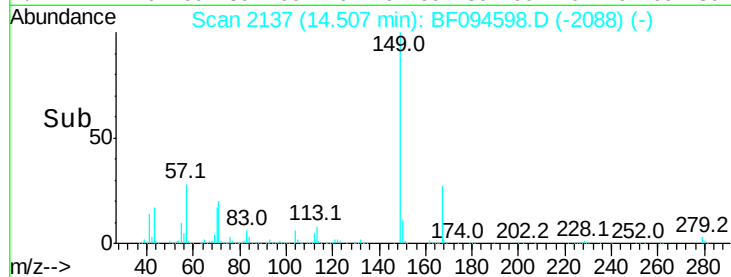
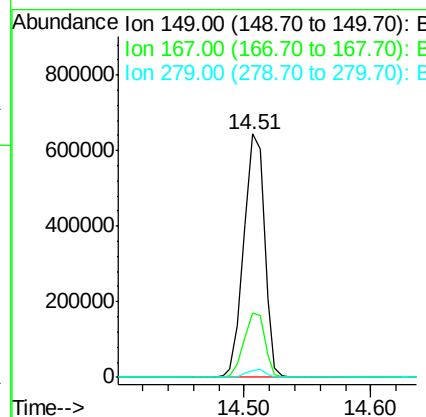
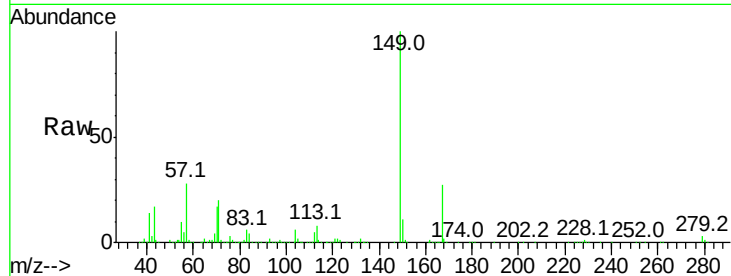




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.62 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

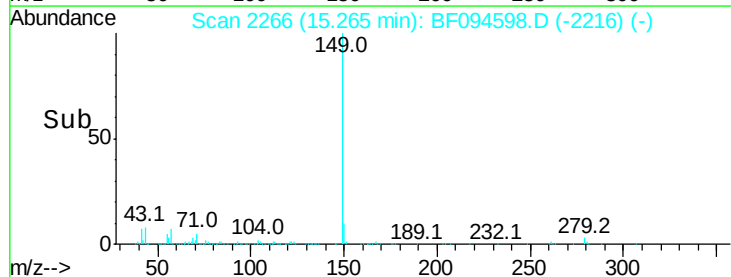
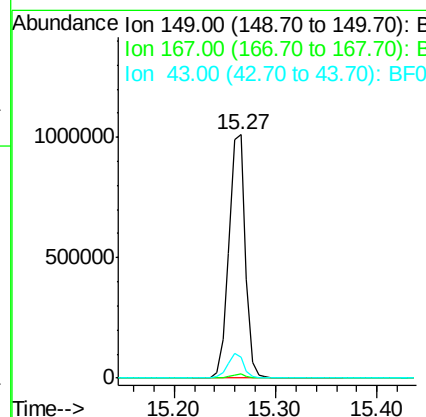
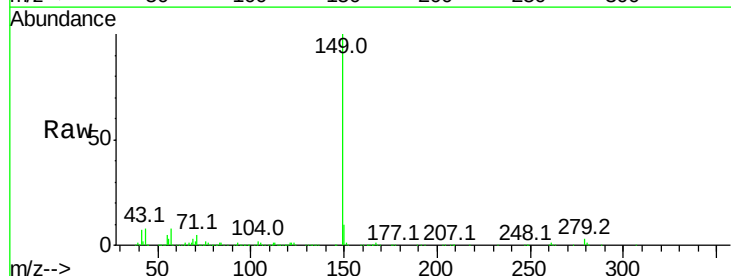
Instrument :
 BNA_F
 ClientSampleId :

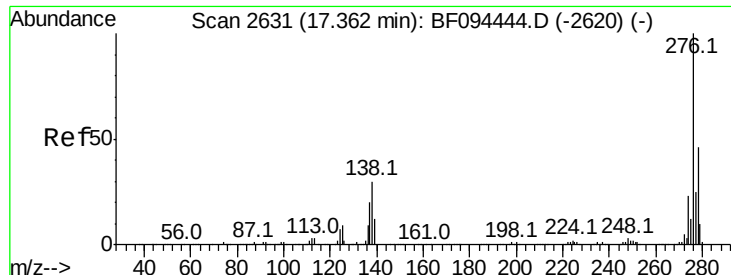
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.0	31.4
279	3.1	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 47.06 ng
 RT: 15.27 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.4	8.5	12.7

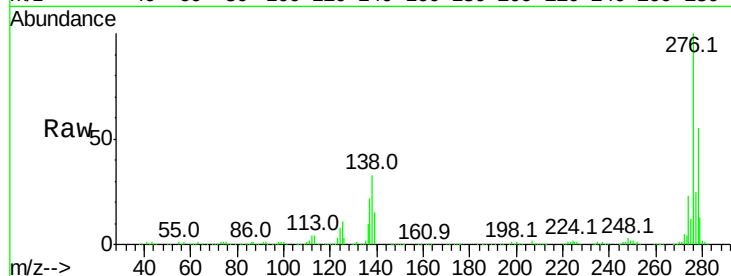




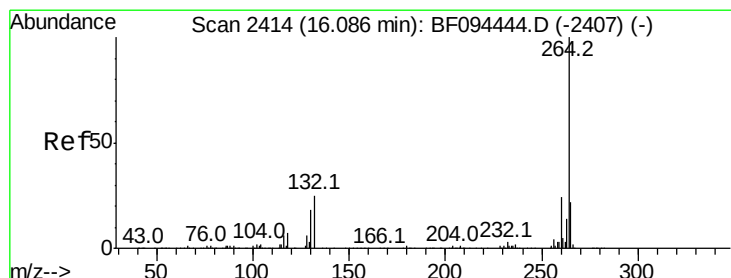
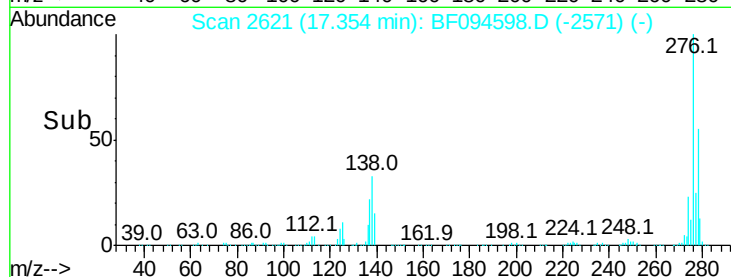
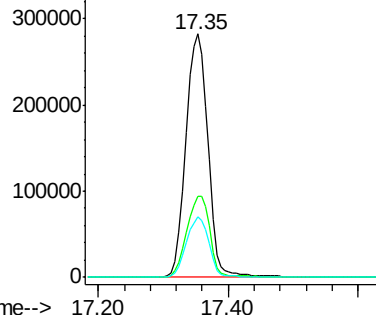
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.80 ng
 RT: 17.35 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.4	27.8	41.6
277	25.4	20.2	30.4

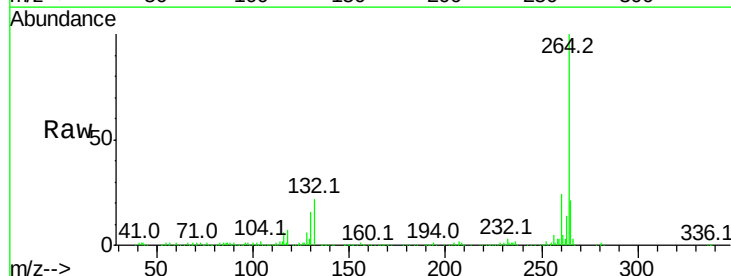


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

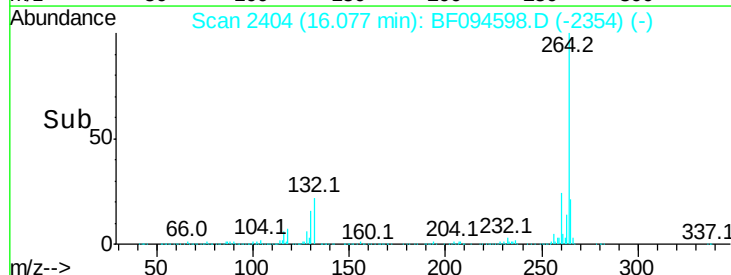
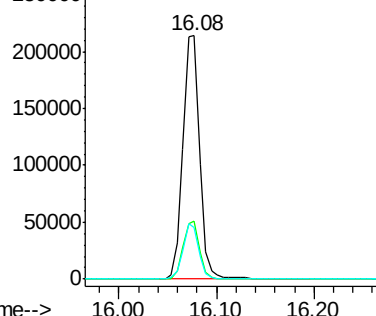


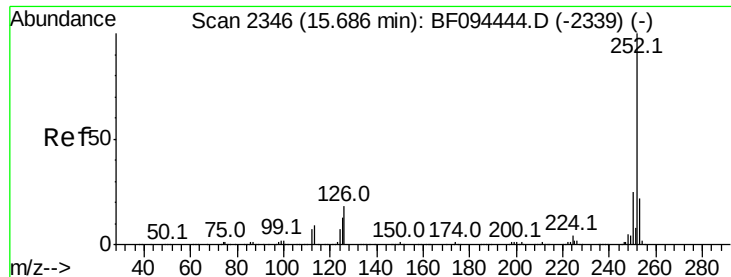
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.3	17.2	25.8



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





#87

Benzo(b)fluoranthene

Concen: 44.62 ng

RT: 15.68 min Scan# 2336

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampleId :

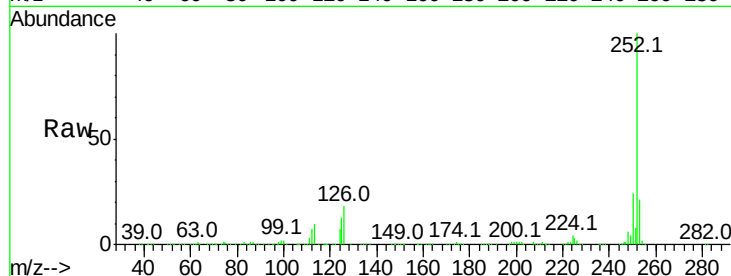
Tot Ion:252 Resp: 697712

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

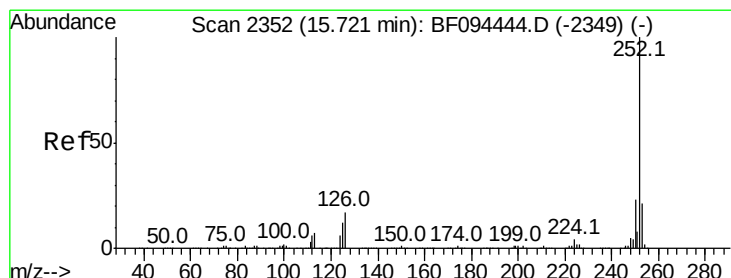
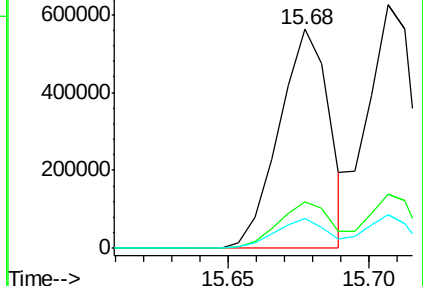
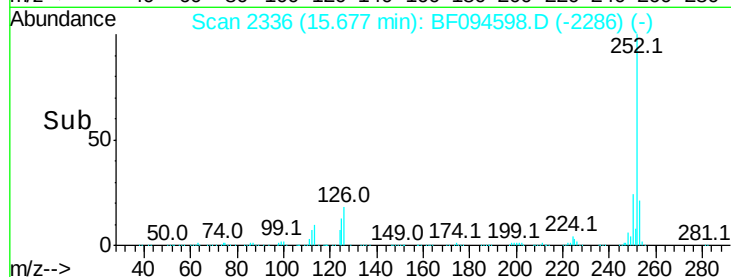
125 13.4 9.8 14.8



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: 48.16 ng

RT: 15.71 min Scan# 2341

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

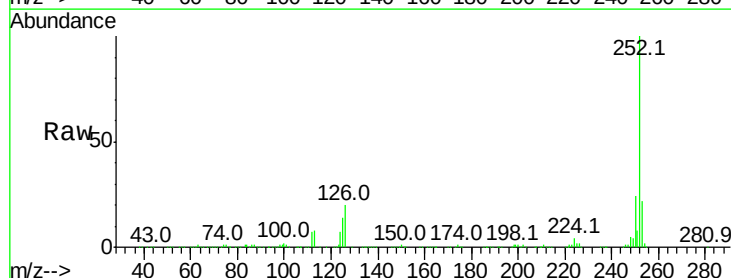
Tgt Ion:252 Resp: 712678

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

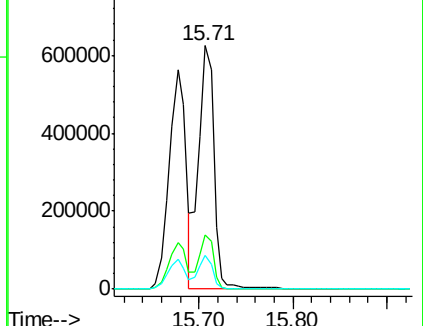
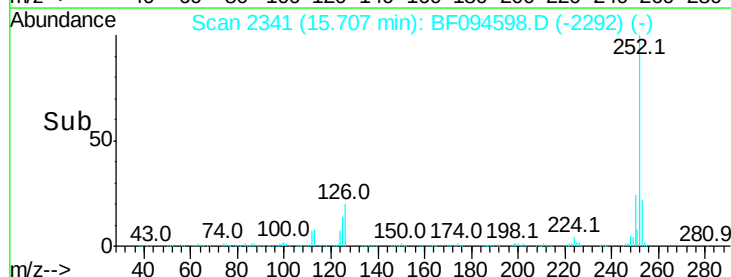
125 13.9 13.1 19.7

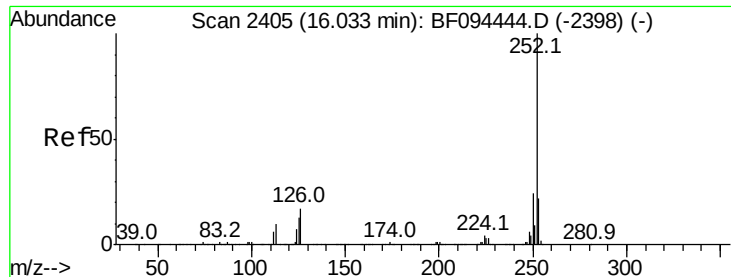


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.44 ng

RT: 16.02 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

Instrument :

BNA_F

ClientSampleId :

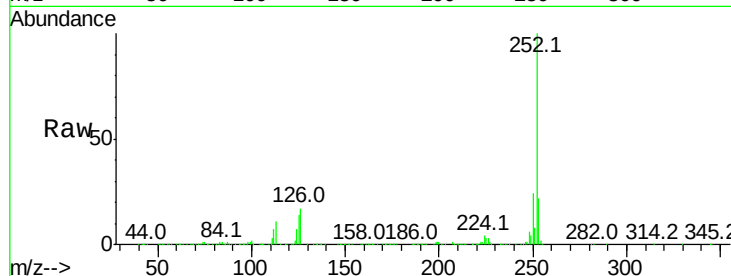
Tot Ion:252 Resp: 646497

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

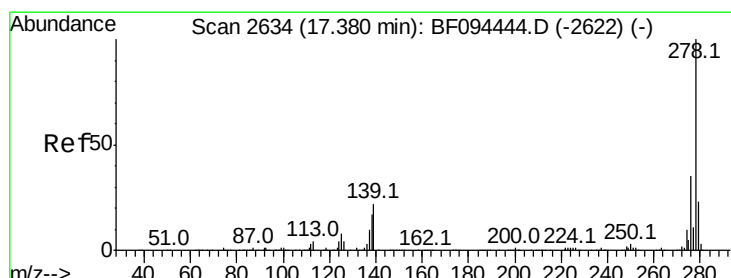
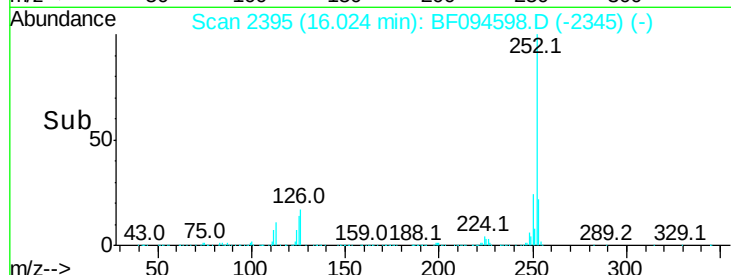
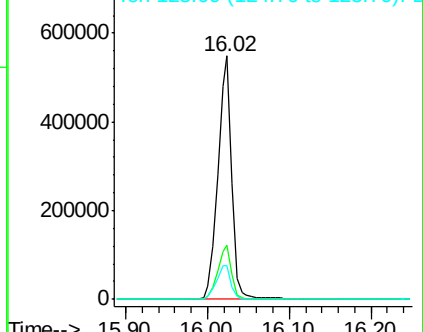
125 14.0 11.0 16.4



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: 45.61 ng

RT: 17.37 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BF094598.D

Acq: 25 Apr 2017 11:59

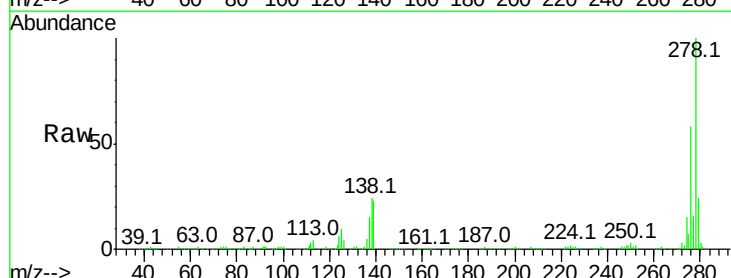
Tgt Ion:278 Resp: 550937

Ion Ratio Lower Upper

278 100

139 23.2 16.6 24.8

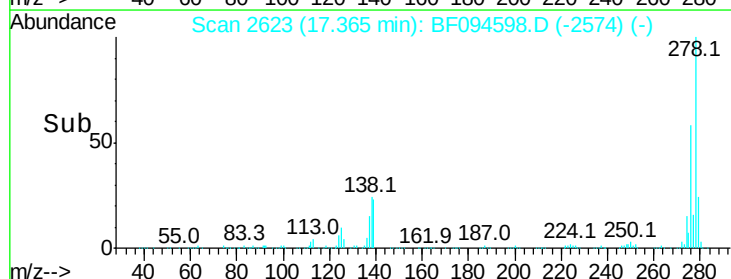
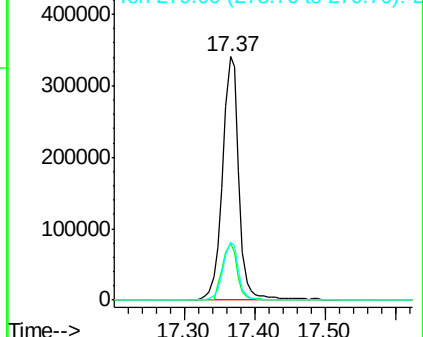
279 24.0 19.3 28.9

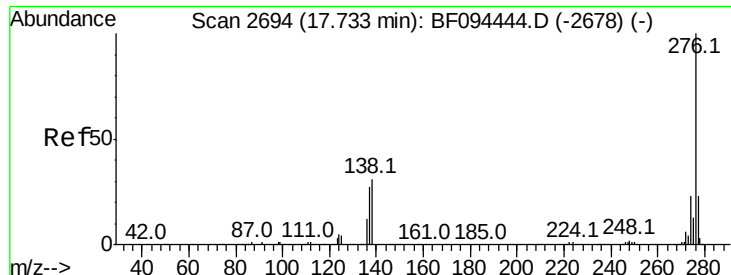


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

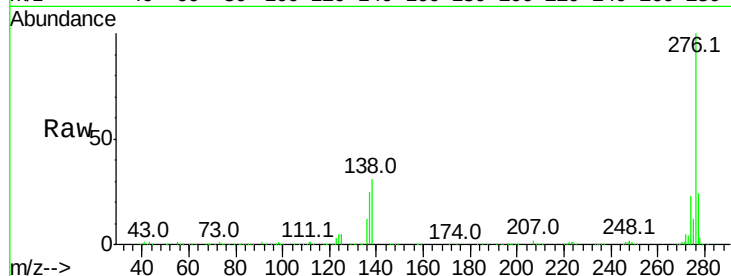




#91
 Benzo(a,h,i)perylene
 Concen: 46.08 ng
 RT: 17.72 min Scan# 2684
 Delta R.T. -0.01 min
 Lab File: BF094598.D
 Acq: 25 Apr 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	30.5	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

