

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094190.D
 Acq On : 5 Apr 2017 15:39
 Operator : SJ/MA
 Sample : PB98041BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

Quant Time: Apr 06 01:05:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	176876	20.00	ng	-0.04
21) Naphthalene-d8	7.37	136	712877	20.00	ng	-0.04
38) Acenaphthene-d10	9.51	164	330512	20.00	ng	-0.04
63) Phenanthrene-d10	11.33	188	577820	20.00	ng	-0.04
75) Chrysene-d12	14.59	240	450817	20.00	ng	-0.04
86) Perylene-d12	16.20	264	322119	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	4.41	112	1324263	126.46	ng	-0.02
7) Phenol-d6	5.48	99	1666578	128.64	ng	-0.03
23) Nitrobenzene-d5	6.52	82	1041876	83.41	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	367800	140.82	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1891844	87.31	ng	-0.04
78) Terphenyl-d14	13.31	244	1609081	80.00	ng	-0.04

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.27	88	175410	34.87	ng	97
3) Pyridine	2.75	79	519220	37.87	ng	99
4) n-Nitrosodimethylamine	2.71	42	244929	43.41	ng	93
6) Aniline	5.49	93	394944	21.92	ng	# 1
8) 2-Chlorophenol	5.63	128	531135	46.14	ng	97
9) Benzaldehyde	5.36	77	286146	32.71	ng	97
10) Phenol	5.49	94	626432	42.49	ng	88
11) bis(2-Chloroethyl)ether	5.57	93	491614	42.67	ng	99
12) 1,3-Dichlorobenzene	5.80	146	566888	43.91	ng	99
13) 1,4-Dichlorobenzene	5.89	146	569604	43.56	ng	97
14) 1,2-Dichlorobenzene	6.06	146	527555	43.81	ng	95
15) Benzyl Alcohol	6.04	79	422567	44.56	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	691290	38.94	ng	96
17) 2-Methylphenol	6.18	107	438706	44.50	ng	97
18) Hexachloroethane	6.45	117	202048	43.96	ng	# 81
19) n-Nitroso-di-n-propylamine	6.35	70	360510	43.30	ng	99
20) 3+4-Methylphenols	6.36	107	570037	47.74	ng	# 63
22) Acetophenone	6.34	105	744390	46.85	ng	# 87
24) Nitrobenzene	6.54	77	541633	43.96	ng	95
25) Isophorone	6.83	82	975329	44.43	ng	96
26) 2-Nitrophenol	6.92	139	303386	51.64	ng	99
27) 2,4-Dimethylphenol	6.99	122	482458	47.66	ng	99
28) bis(2-Chloroethoxy)methane	7.09	93	636589	43.98	ng	99
29) 2,4-Dichlorophenol	7.21	162	460163	48.62	ng	97
30) 1,2,4-Trichlorobenzene	7.30	180	436682	44.79	ng	98
31) Naphthalene	7.40	128	1490319	43.48	ng	100
32) Benzoic acid	6.99	122	482458	71.59	ng	# 12
33) 4-Chloroaniline	7.46	127	221107	15.92	ng	# 93
34) Hexachlorobutadiene	7.55	225	224521	44.91	ng	99
35) Caprolactam	7.92	113	71108	23.56	ng	97
36) 4-Chloro-3-methylphenol	8.09	107	493536	49.90	ng	89
37) 2-Methylnaphthalene	8.24	142	1032784	45.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.45	216	380334	42.06	ng	99
40) Hexachlorocyclopentadiene	8.43	237	386571	91.37	ng	98

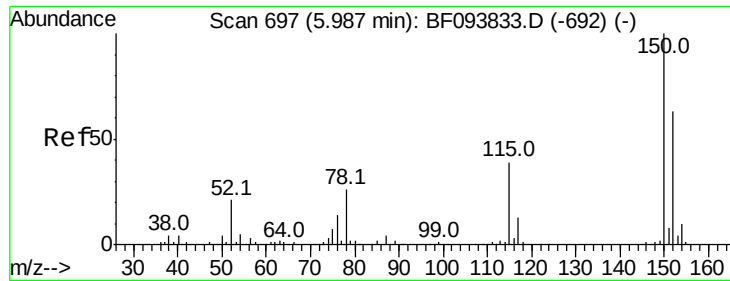
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094190.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.59	196	310289	48.51	nq	98
43) 2,4,5-Trichlorophenol	8.65	196	316184	45.68	nq	94
45) 1,1'-Biphenyl	8.82	154	1153720	43.28	nq	99
46) 2-Chloronaphthalene	8.83	162	923244	44.24	nq	94
47) 2-Nitroaniline	8.96	65	294950	47.65	nq	# 84
48) Acenaphthylene	9.34	152	1467278	42.31	nq	100
49) Dimethylphthalate	9.20	163	1113708	47.40	nq	99
50) 2,6-Dinitrotoluene	9.27	165	253371	47.05	nq	# 90
51) Acenaphthene	9.55	154	867965	42.89	nq	98
52) 3-Nitroaniline	9.46	138	150612	23.82	nq	94
53) 2,4-Dinitrophenol	9.60	184	63142	25.29	nq	# 70
54) Dibenzofuran	9.77	168	1261210	45.78	nq	99
55) 4-Nitrophenol	9.72	139	410881	82.96	nq	# 64
56) 2,4-Dinitrotoluene	9.76	165	308929	45.66	nq	# 65
57) Fluorene	10.19	166	958115	41.94	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	222371	46.82	nq	99
59) Diethylphthalate	10.07	149	1081607	46.58	nq	99
60) 4-Chlorophenyl-phenylether	10.19	204	414550	42.59	nq	93
61) 4-Nitroaniline	10.23	138	291240	47.99	nq	95
62) Azobenzene	10.39	77	1051741	47.88	nq	97
64) 4,6-Dinitro-2-methylphenol	10.26	198	83664	23.64	nq	79
65) n-Nitrosodiphenylamine	10.35	169	918978	45.99	nq	98
66) 4-Bromophenyl-phenylether	10.79	248	262399	46.17	nq	98
67) Hexachlorobenzene	10.86	284	270836	47.08	nq	# 89
68) Atrazine	11.02	200	272110	45.46	nq	97
69) Pentachlorophenol	11.11	266	195404	54.57	nq	99
70) Phenanthrene	11.36	178	1432670	44.57	nq	99
71) Anthracene	11.43	178	1491598	45.07	nq	99
72) Carbazole	11.63	167	1423557	41.95	nq	98
73) Di-n-butylphthalate	12.08	149	1686120	47.77	nq	99
74) Fluoranthene	12.83	202	1497276	45.49	nq	99
76) Benzidine	12.99	184	668307	37.46	nq	# 93
77) Pyrene	13.10	202	1510654	46.17	nq	99
79) Butylbenzylphthalate	13.92	149	723995	51.94	nq	89
80) Benzo(a)anthracene	14.57	228	1227042	46.68	nq	99
81) 3,3'-Dichlorobenzidine	14.54	252	162826	17.33	nq	# 96
82) Chrysene	14.62	228	1078030	44.19	nq	99
83) Bis(2-ethylhexyl)phthalate	14.63	149	962749	50.62	nq	# 99
84) Di-n-octyl phthalate	15.39	149	1494168	47.03	nq	98
85) Indeno(1,2,3-cd)pyrene	17.54	276	866001	40.99	nq	99
87) Benzo(b)fluoranthene	15.80	252	937526	47.48	nq	97
88) Benzo(k)fluoranthene	15.83	252	925576	47.91	nq	97
89) Benzo(a)pyrene	16.15	252	851818	46.85	nq	99
90) Dibenzo(a,h)anthracene	17.56	278	712576	46.28	nq	99
91) Benzo(g,h,i)perylene	17.93	276	727410	46.87	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.86 min Scan# 676

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

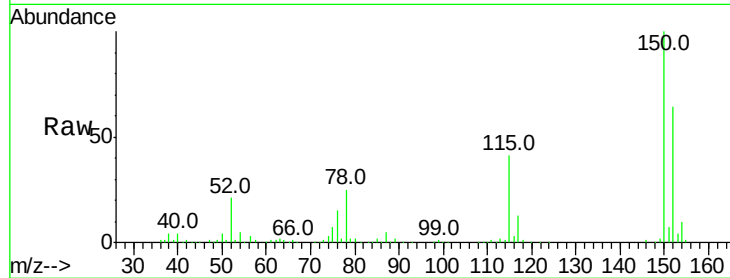
Tot Ion:152 Resp: 176876

Ion Ratio Lower Upper

152 100

150 155.6 126.2 189.2

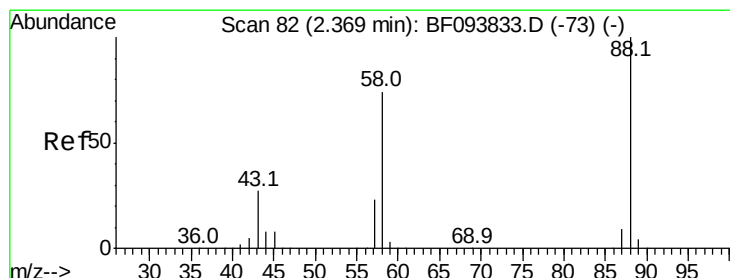
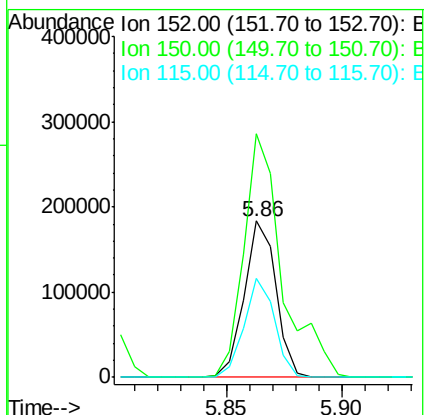
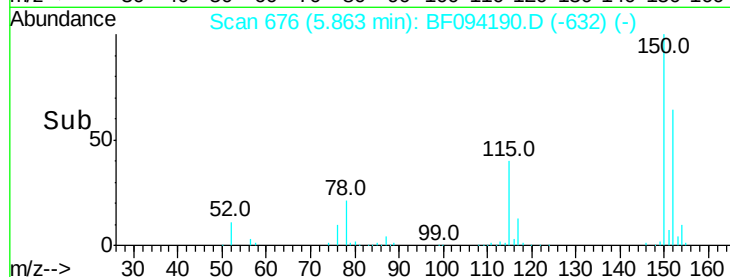
115 63.1 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.87 ng

RT: 2.27 min Scan# 65

Delta R.T. 0.02 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

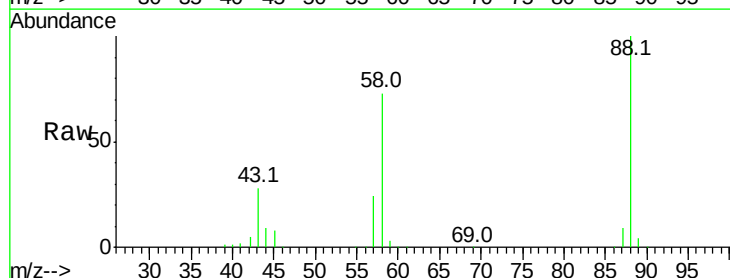
Tgt Ion: 88 Resp: 175410

Ion Ratio Lower Upper

88 100

58 74.3 61.4 92.0

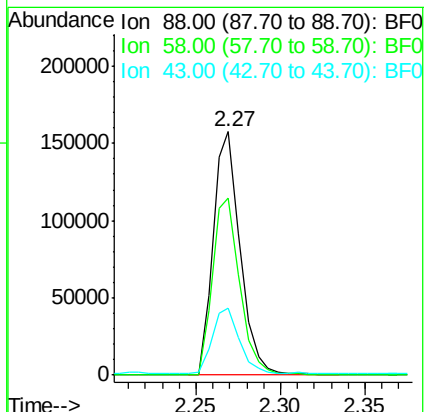
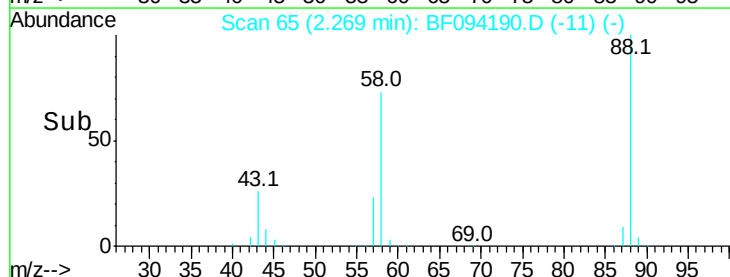
43 27.4 23.4 35.0

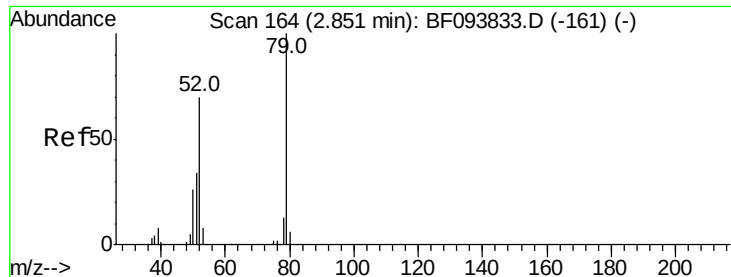


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.87 ng

RT: 2.75 min Scan# 147

Delta R.T. 0.01 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

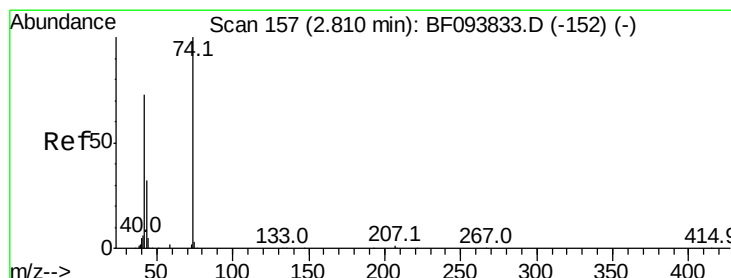
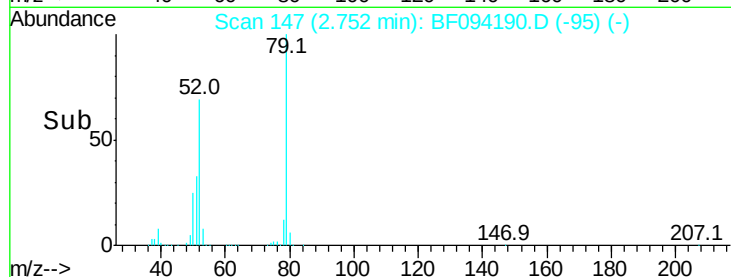
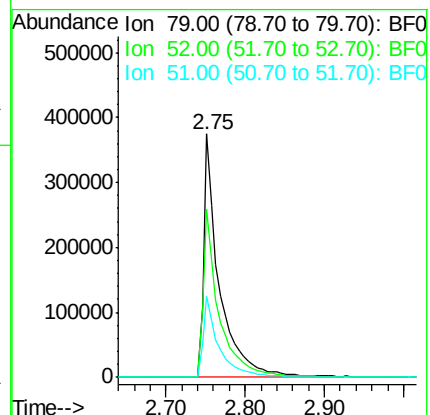
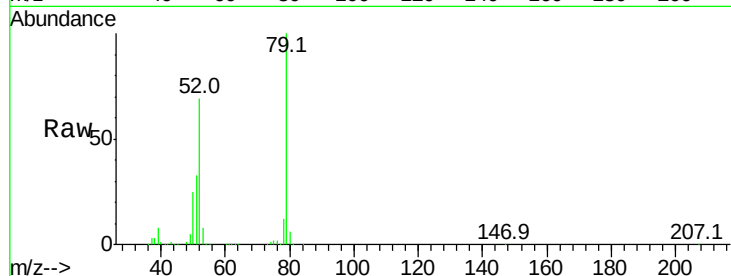
Tot Ion: 79 Resp: 519220

Ion Ratio Lower Upper

79 100

52 69.3 54.8 82.2

51 33.1 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 43.41 ng

RT: 2.71 min Scan# 140

Delta R.T. -0.01 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

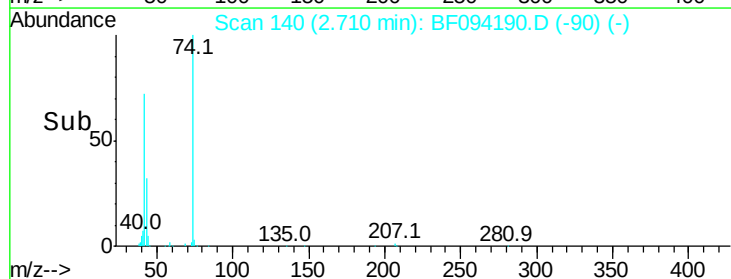
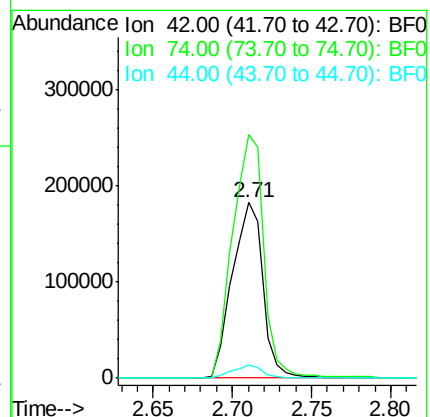
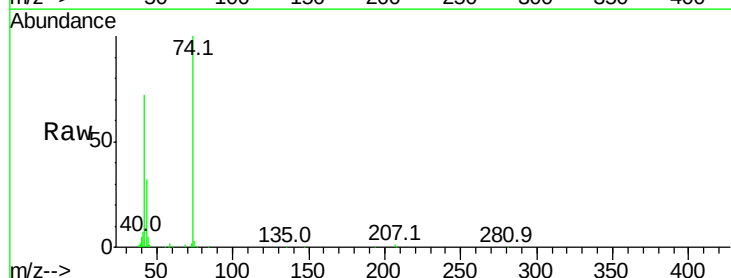
Tgt Ion: 42 Resp: 244929

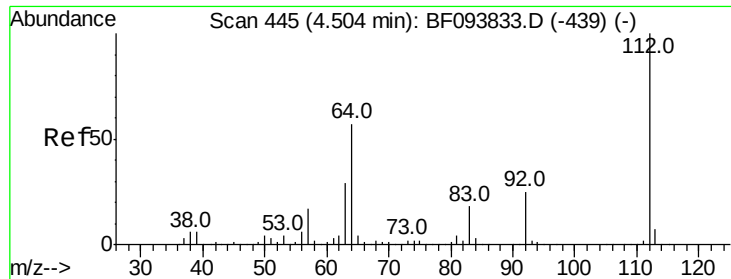
Ion Ratio Lower Upper

42 100

74 139.0 103.9 155.9

44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 126.46 ng

RT: 4.41 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

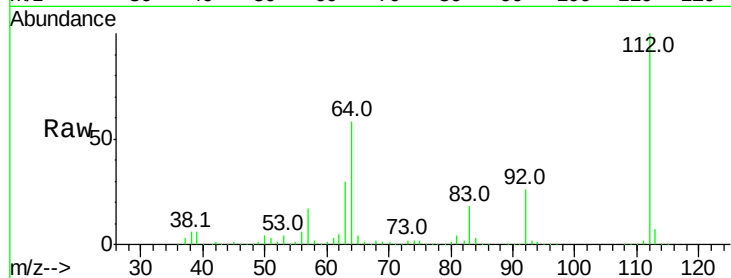
Tot Ion:112 Resp: 1324263

Ion Ratio Lower Upper

112 100

64 58.2 46.0 69.0

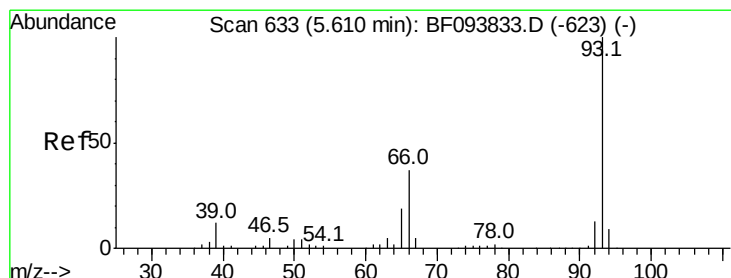
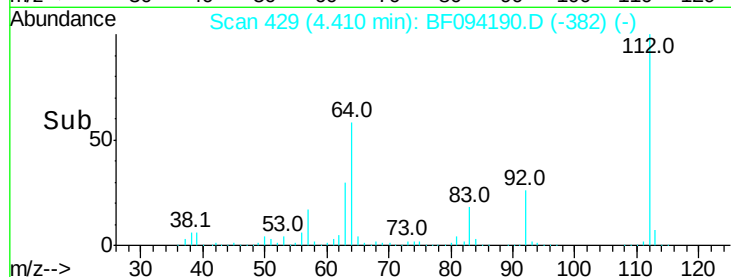
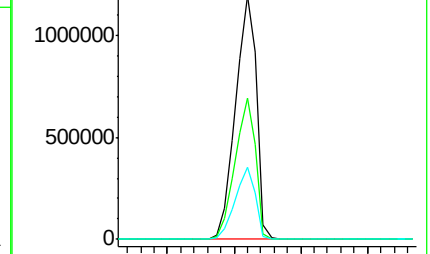
63 29.6 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 21.92 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

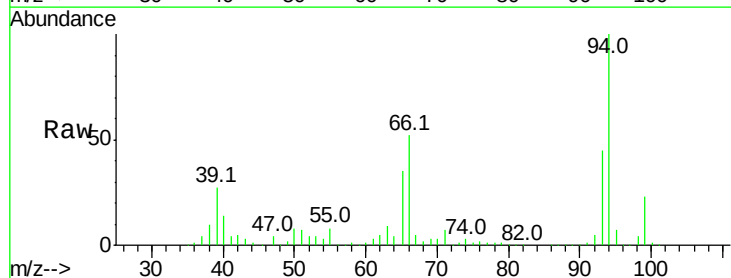
Tgt Ion: 93 Resp: 394944

Ion Ratio Lower Upper

93 100

66 116.9 32.9 49.3#

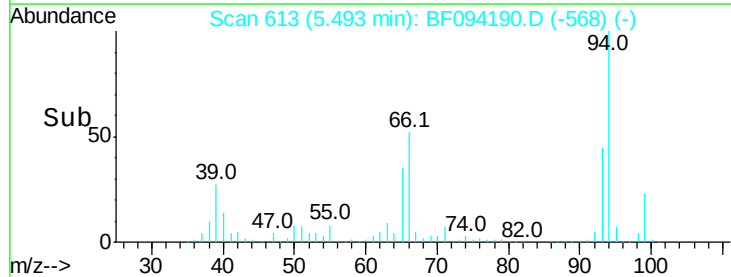
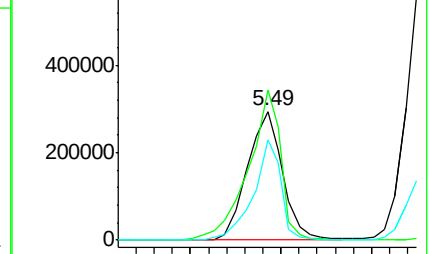
65 77.6 16.0 24.0#

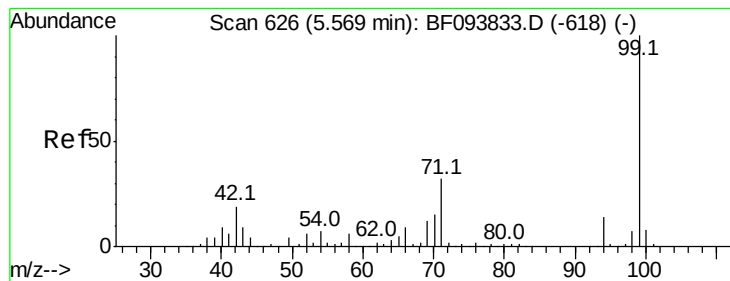


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 128.64 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampled :

PB98041BS

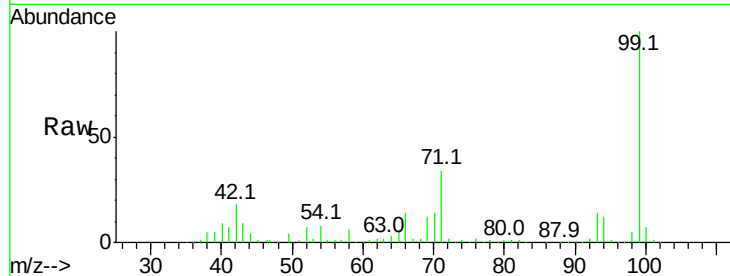
Tot Ion: 99 Resp: 1666578

Ion Ratio Lower Upper

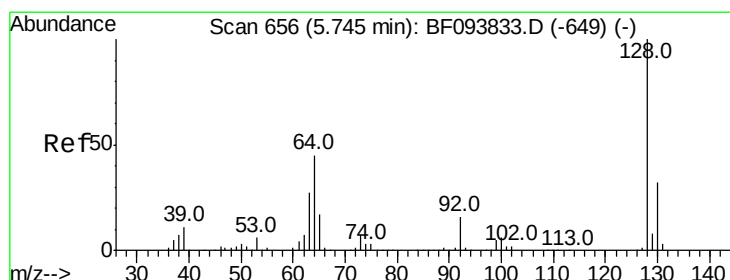
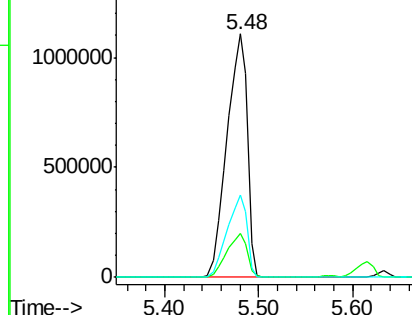
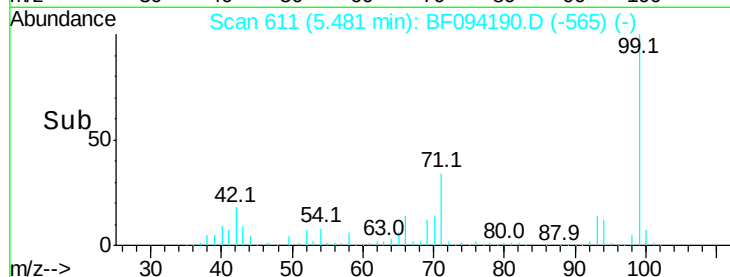
99 100

42 18.3 13.5 20.3

71 33.6 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: 46.14 ng

RT: 5.63 min Scan# 637

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

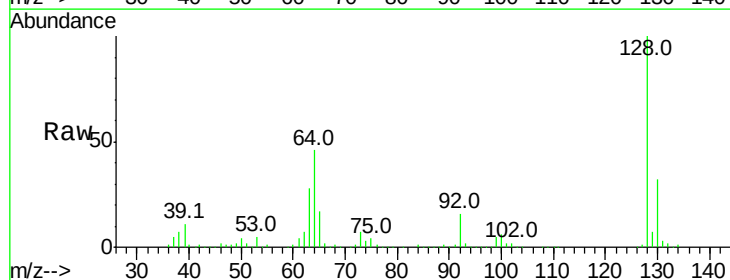
Tgt Ion:128 Resp: 531135

Ion Ratio Lower Upper

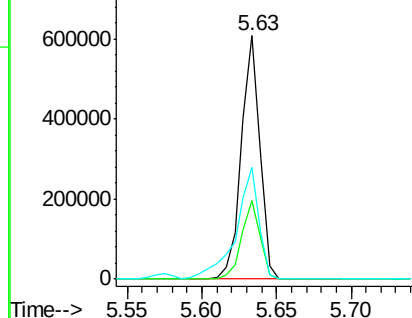
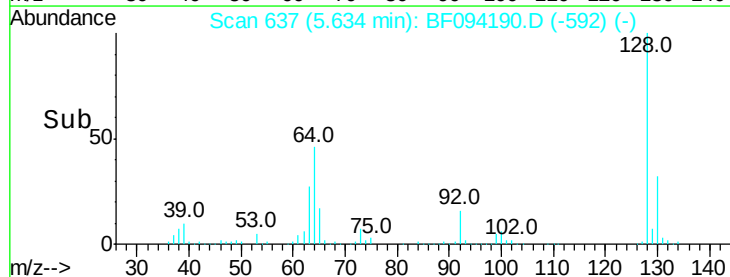
128 100

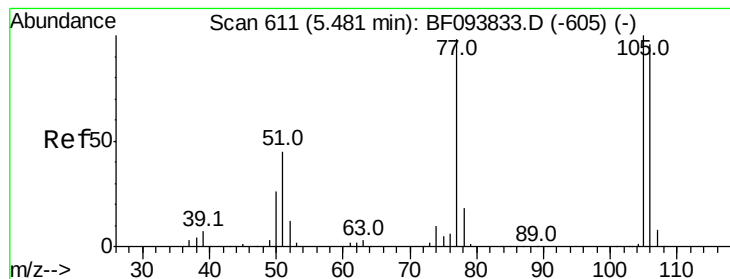
130 32.4 12.9 52.9

64 45.7 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: 32.71 ng

RT: 5.36 min Scan# 590

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

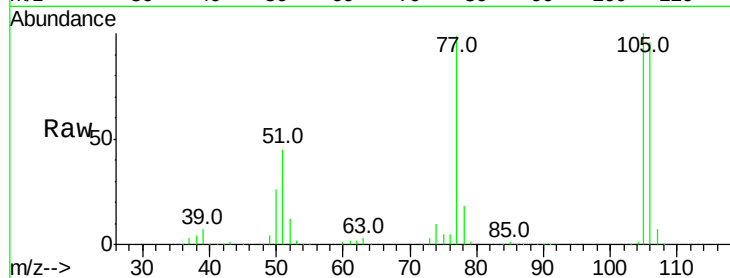
Tot Ion: 77 Resp: 286146

Ion Ratio Lower Upper

77 100

105 100.5 83.8 123.8

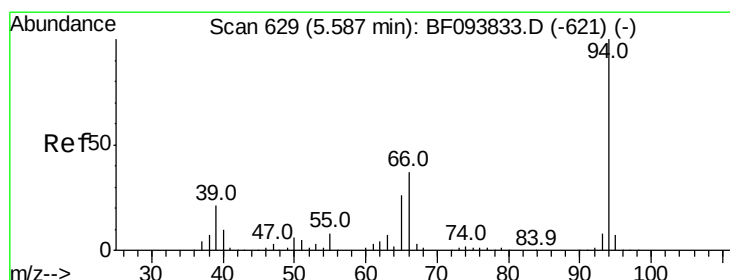
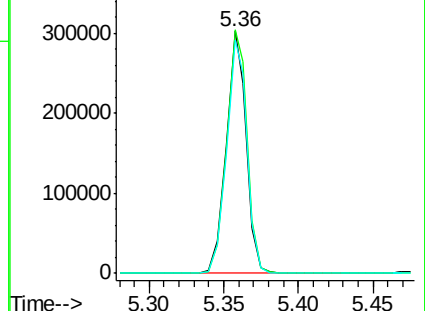
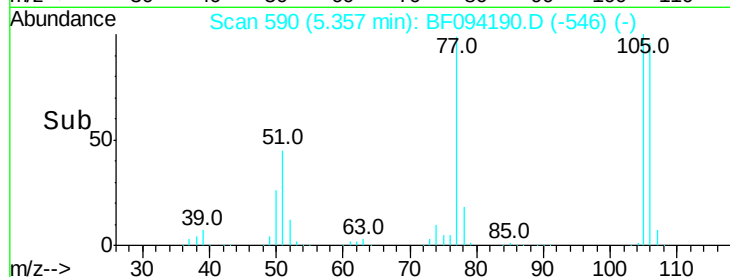
106 96.3 79.1 119.1



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: 42.49 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

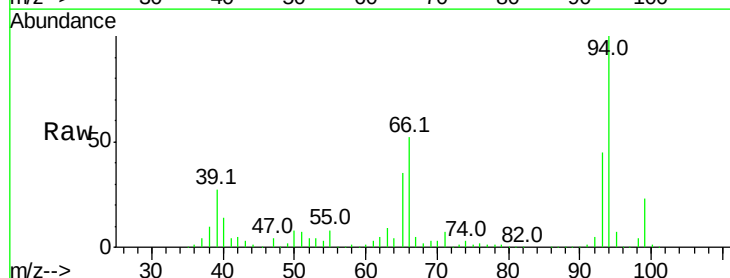
Tgt Ion: 94 Resp: 626432

Ion Ratio Lower Upper

94 100

65 34.7 9.9 49.9

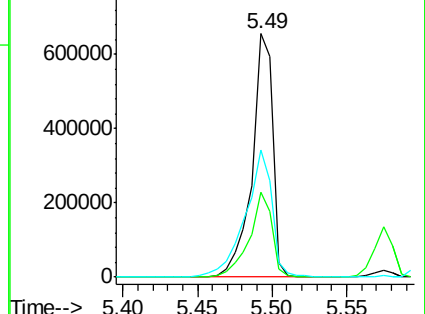
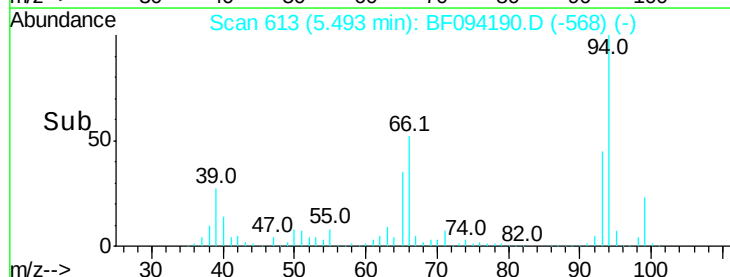
66 52.3 23.1 63.1

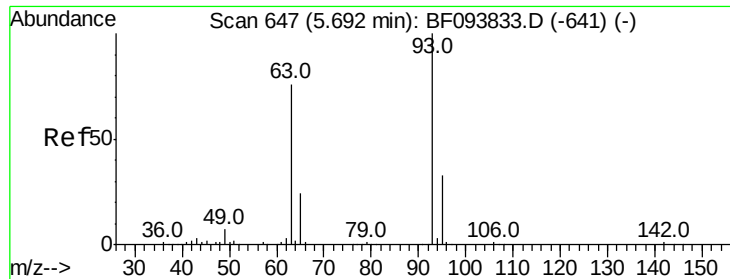


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

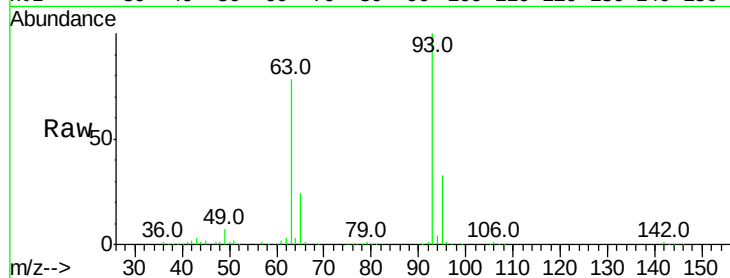




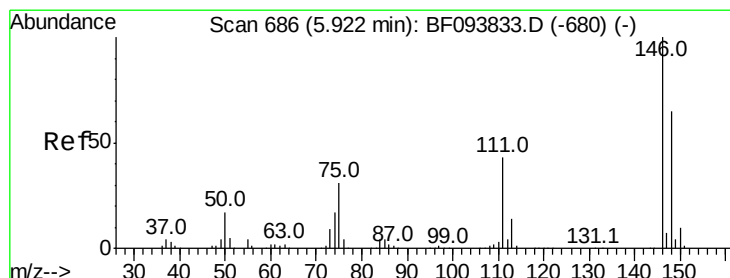
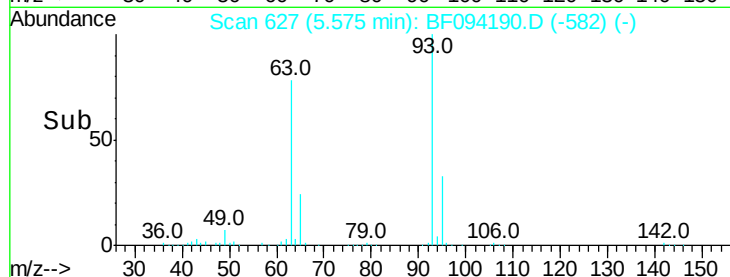
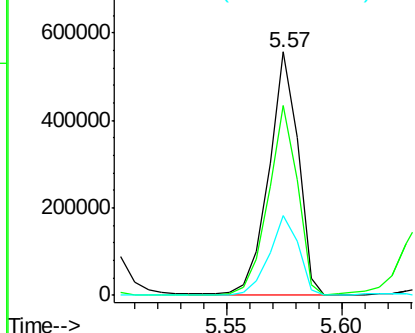
#11
bis(2-Chloroethyl)ether
Concen: 42.67 ng
RT: 5.57 min Scan# 627
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion: 93 Resp: 491614
Ion Ratio Lower Upper
93 100
63 77.9 59.2 99.2
95 32.5 12.8 52.8

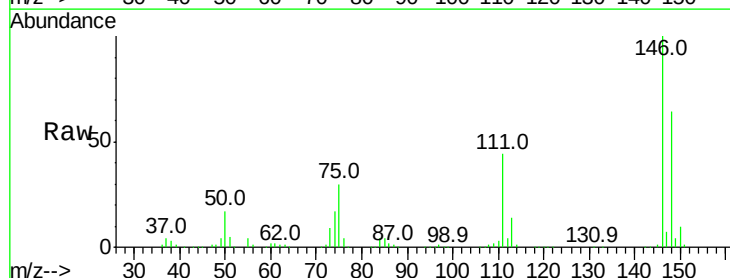


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

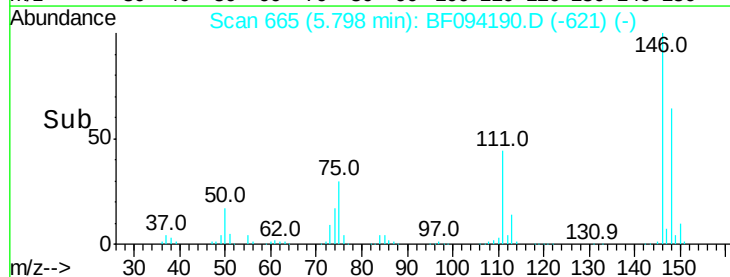
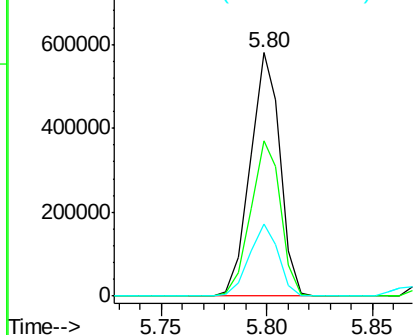


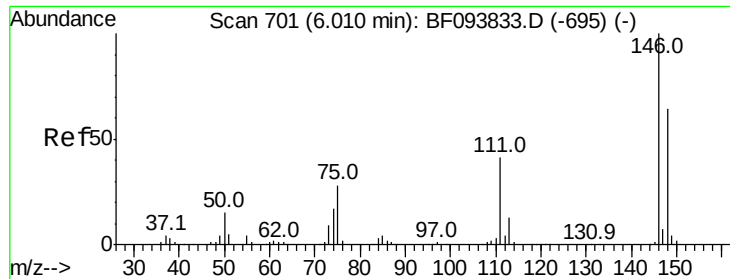
#12
1,3-Dichlorobenzene
Concen: 43.91 ng
RT: 5.80 min Scan# 665
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion: 146 Resp: 566888
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 29.6 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

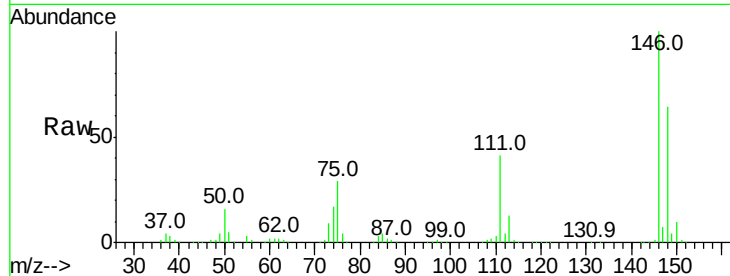




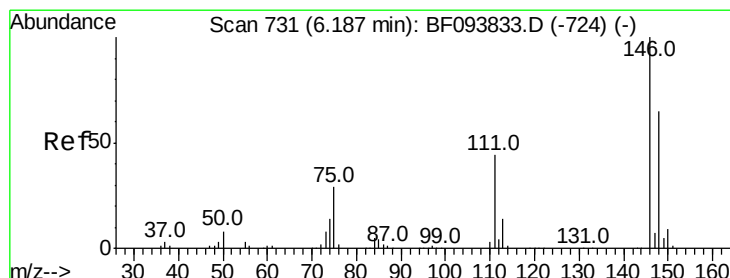
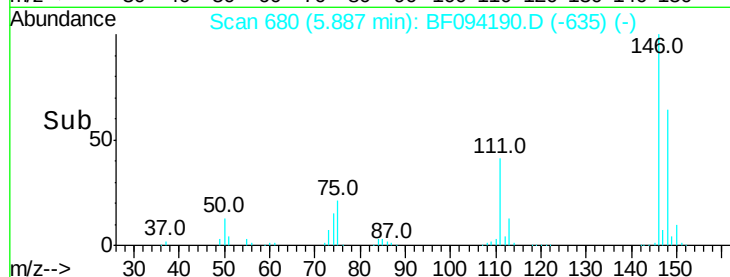
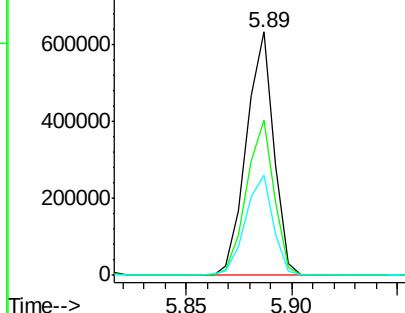
#13
 1,4-Dichlorobenzene
 Concen: 43.56 ng
 RT: 5.89 min Scan# 680
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

Tot Ion:146 Resp: 569604
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.2
 111 41.3 30.3 45.5

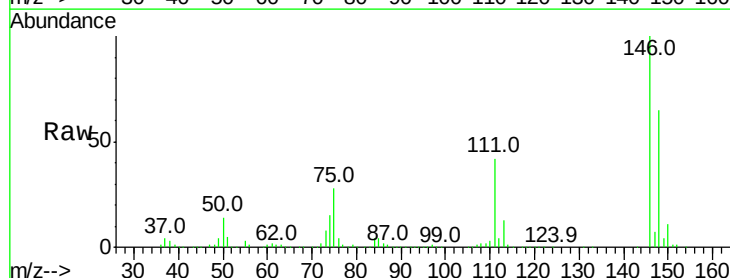


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

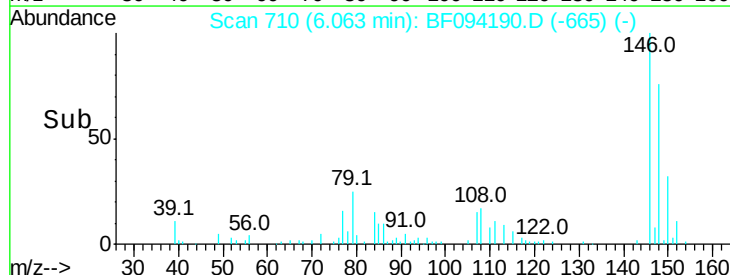
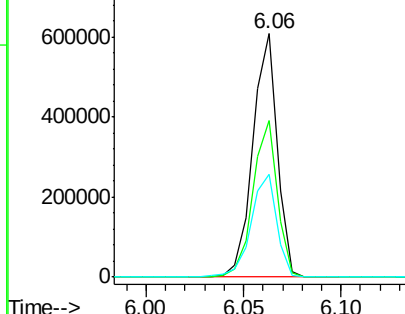


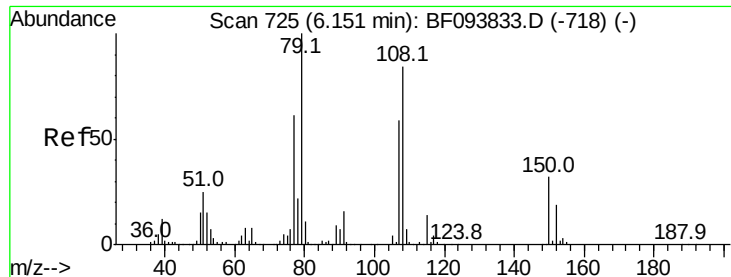
#14
 1,2-Dichlorobenzene
 Concen: 43.81 ng
 RT: 6.06 min Scan# 710
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion:146 Resp: 527555
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.4 75.6
 111 42.2 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: 44.56 ng

RT: 6.04 min Scan# 706

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

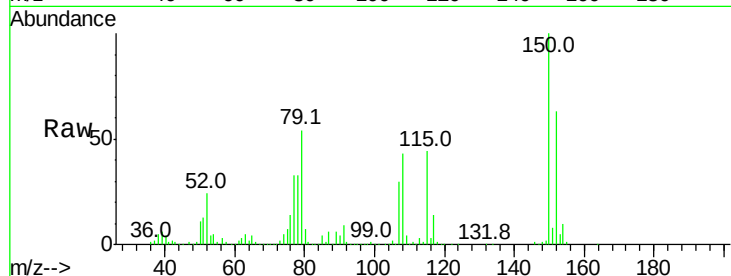
Tot Ion: 79 Resp: 422567

Ion Ratio Lower Upper

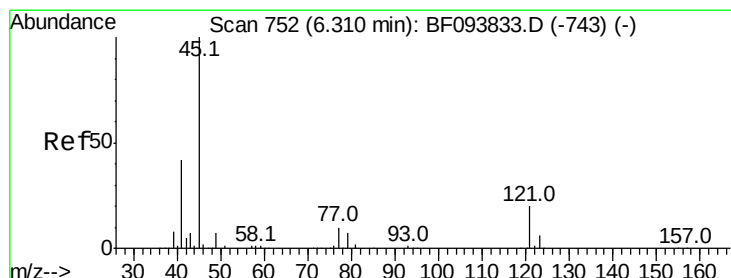
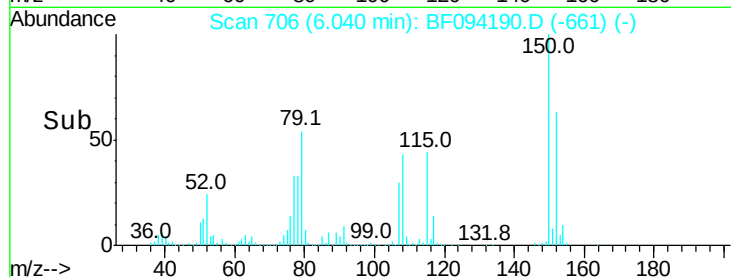
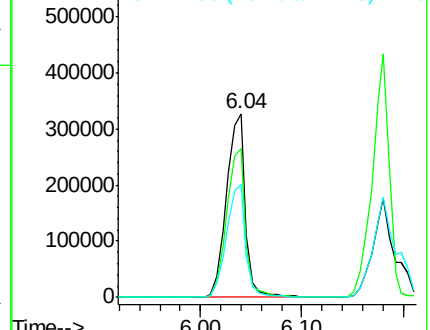
79 100

108 80.8 63.4 95.0

77 61.6 49.2 73.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.94 ng

RT: 6.20 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

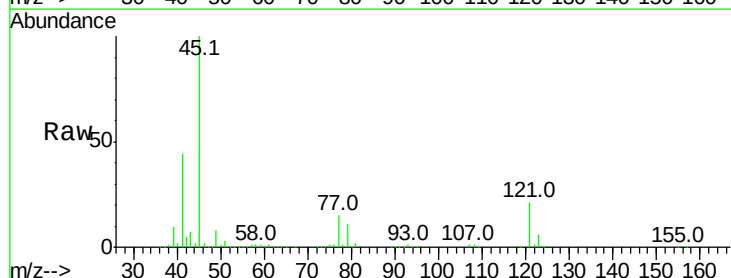
Tgt Ion: 45 Resp: 691290

Ion Ratio Lower Upper

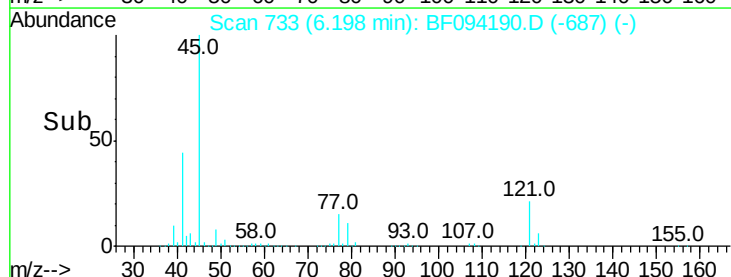
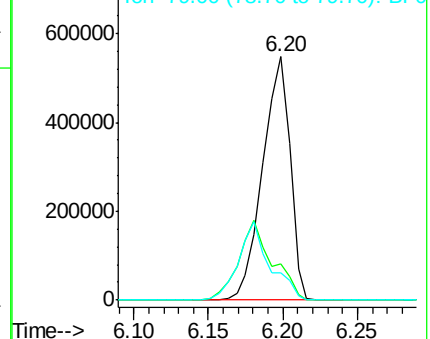
45 100

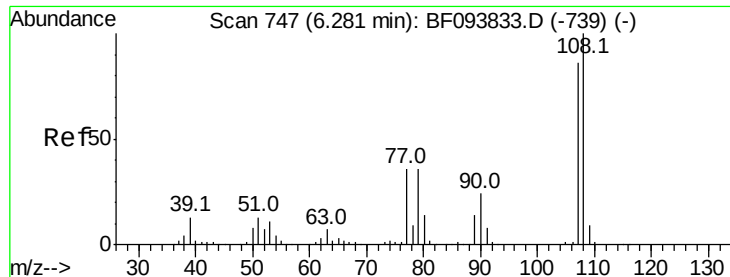
77 14.8 0.0 33.2

79 11.4 0.0 30.0



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

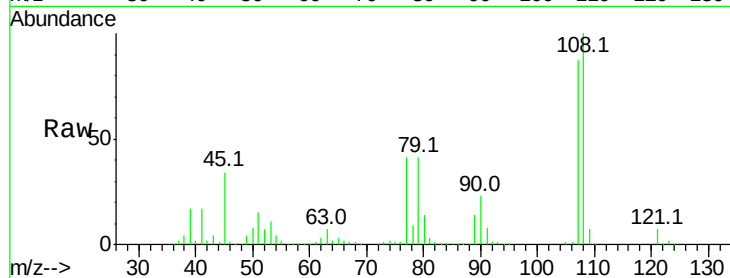




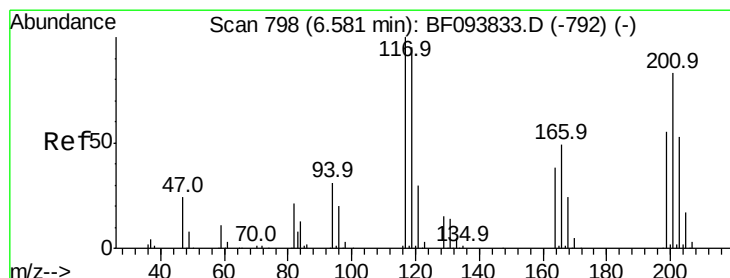
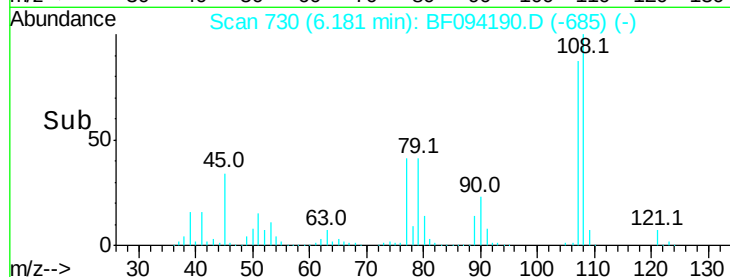
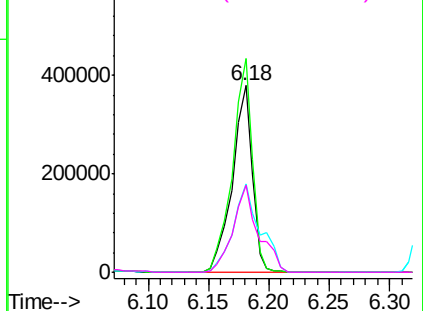
#17
2-Methylphenol
Concen: 44.50 ng
RT: 6.18 min Scan# 730
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion:107 Resp: 438706
Ion Ratio Lower Upper
107 100
108 114.6 93.4 140.0
77 47.1 35.8 53.6
79 46.6 34.8 52.2

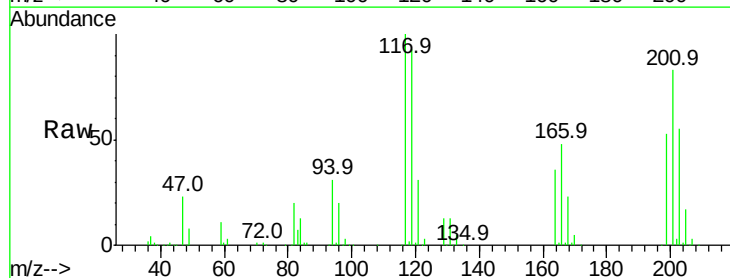


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

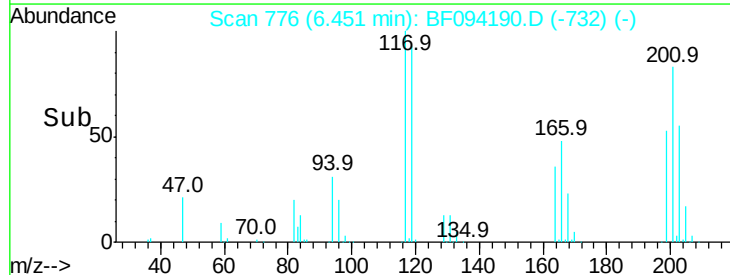
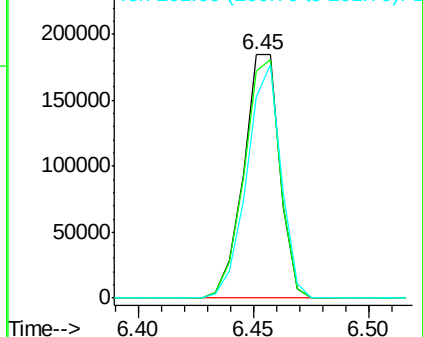


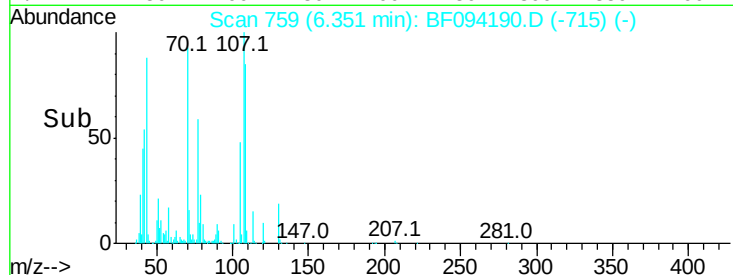
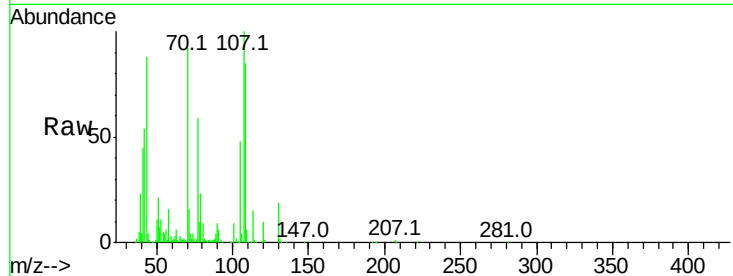
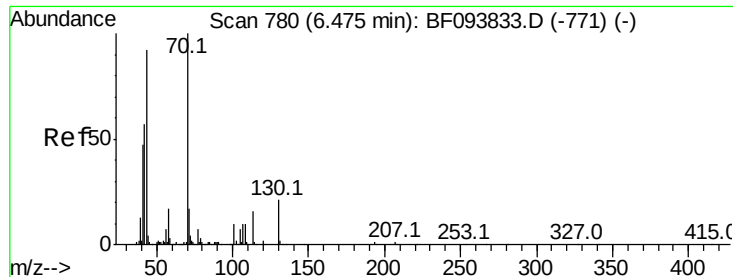
#18
Hexachloroethane
Concen: 43.96 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion:117 Resp: 202048
Ion Ratio Lower Upper
117 100
119 93.0 77.4 116.0
201 82.9 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

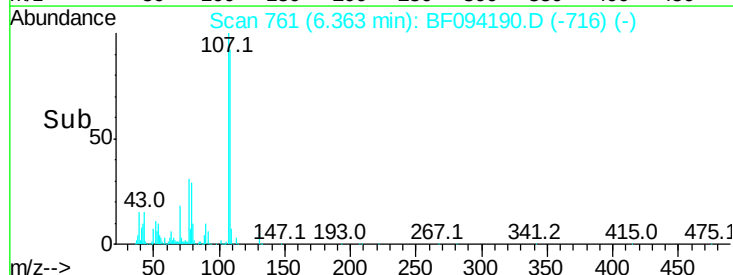
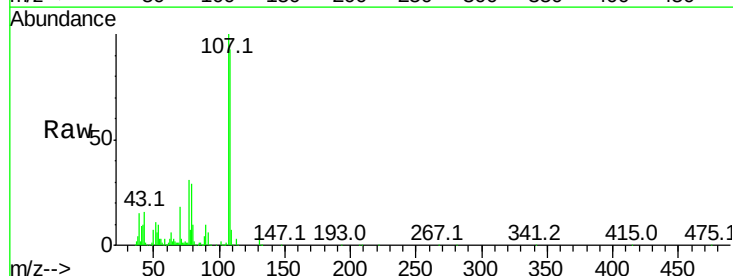
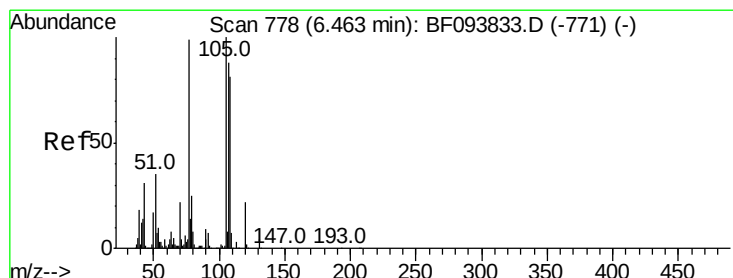
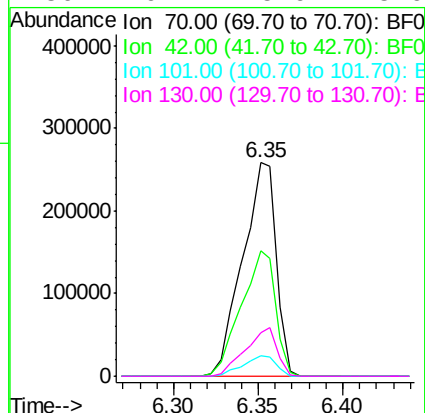




#19
n-Nitroso-di-n-propylamine
Concen: 43.30 ng
RT: 6.35 min Scan# 759
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

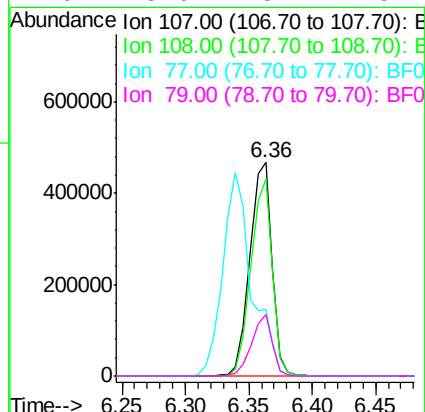
Instrument :
BNA_F
ClientSampleId :
PB98041BS

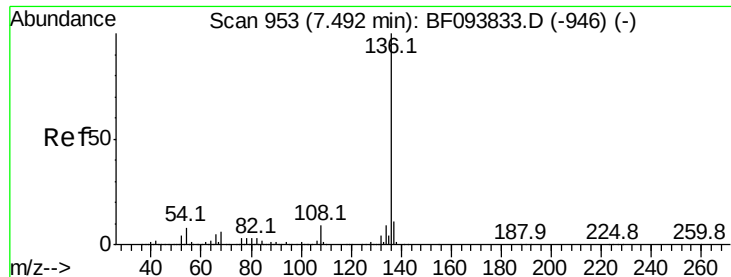
Tot Ion:	70	Resp:	360510
Ion	Ratio	Lower	Upper
70	100		
42	58.7	47.2	70.8
101	9.5	7.2	10.8
130	20.2	15.9	23.9



#20
3+4-Methylphenols
Concen: 47.74 ng
RT: 6.36 min Scan# 761
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion:	107	Resp:	570037
Ion	Ratio	Lower	Upper
107	100		
108	92.6	71.0	111.0
77	31.0	90.5	130.5#
79	28.9	8.4	48.4

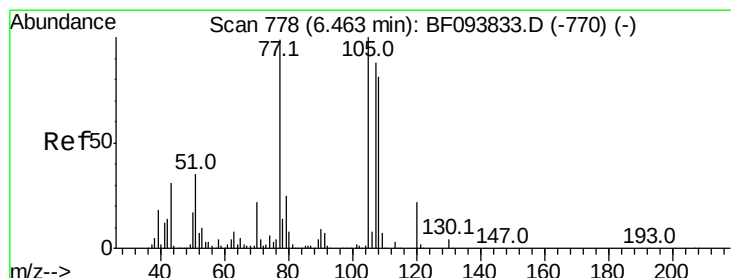
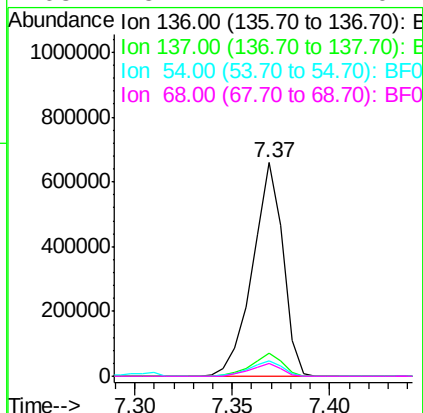
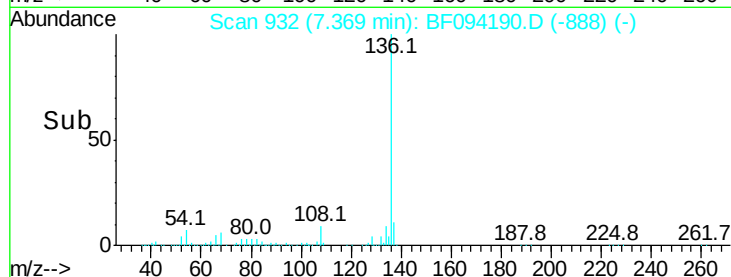
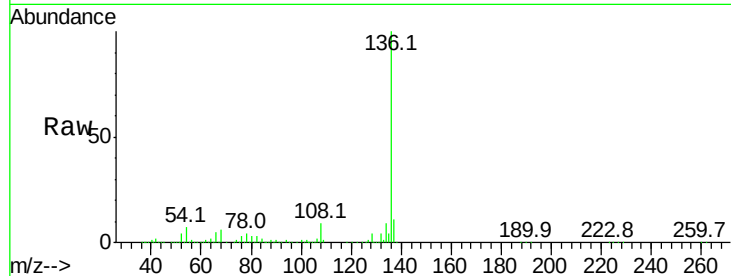




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.37 min Scan# 932
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

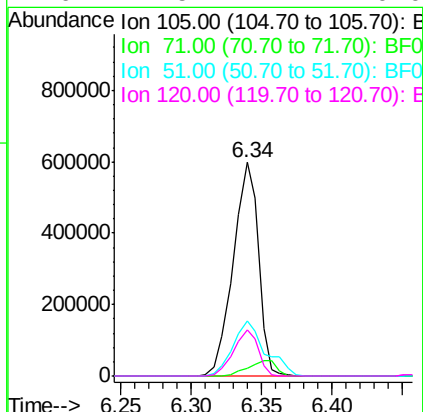
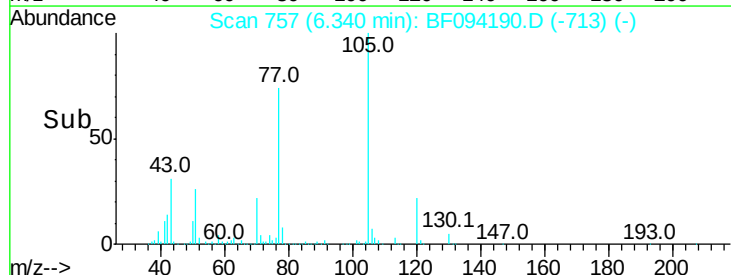
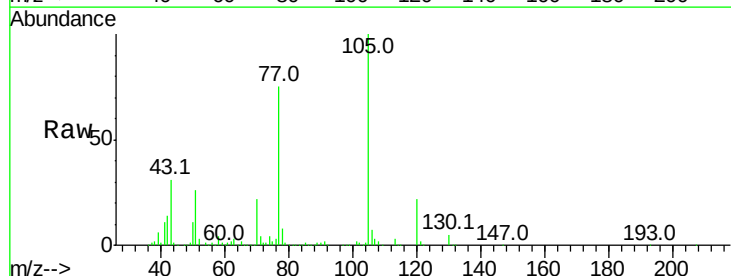
Instrument :
BNA_F
ClientSampleId :
PB98041BS

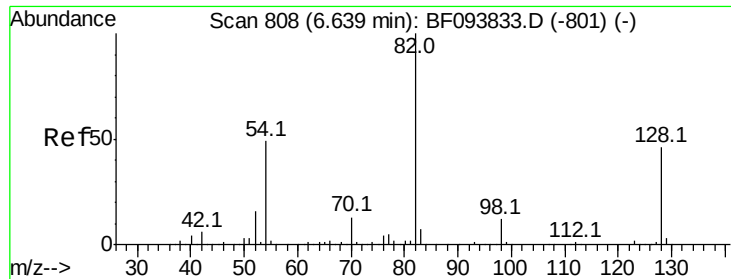
Tot Ion:136	Resp:	712877
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.5	12.7
54 7.1	4.9	7.3
68 5.7	4.1	6.1



#22
Acetophenone
Concen: 46.85 ng
RT: 6.34 min Scan# 757
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt	Ion:105	Resp:	744390
Ion	Ratio	Lower	Upper
105	100		
71	3.6	2.8	4.2
51	25.9	30.7	46.1#
120	21.5	17.4	26.0



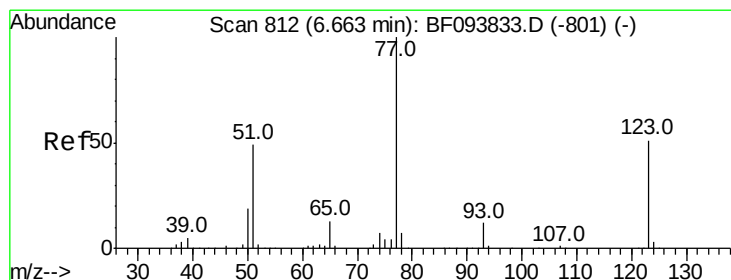
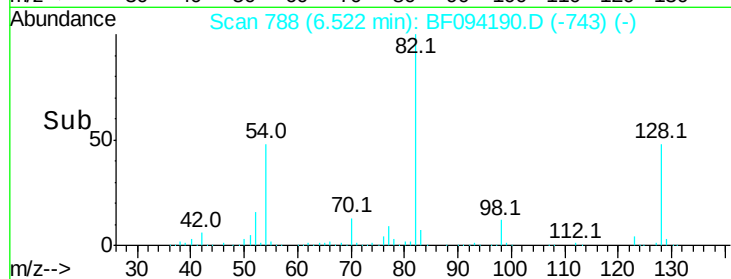
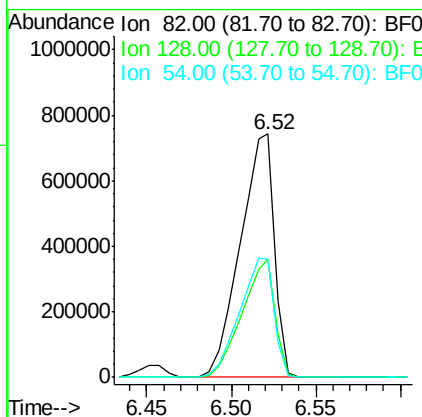
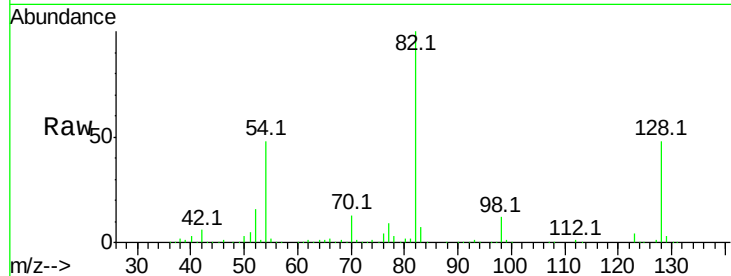


#23
 Nitrobenzene-d5
 Concen: 83.41 ng
 RT: 6.52 min Scan# 788
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

Tot Ion: 82 Resp: 1041876

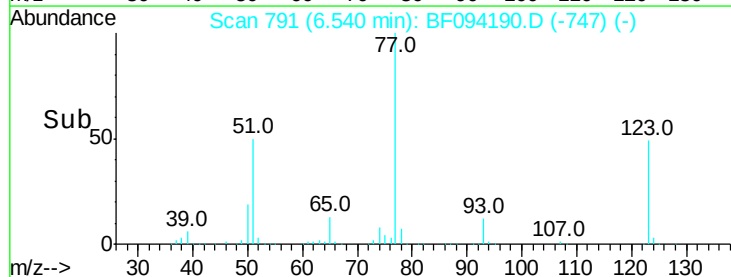
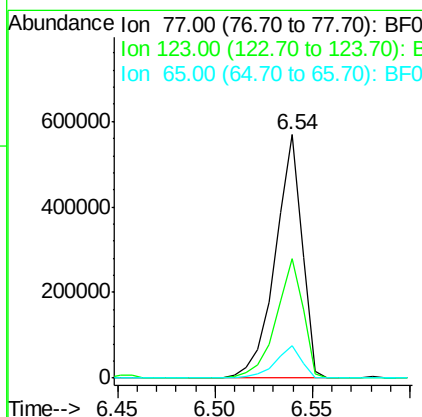
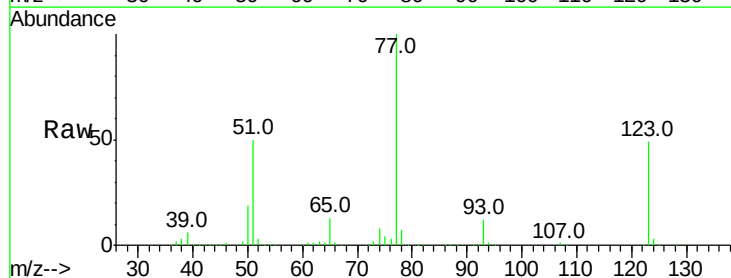
Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.0	51.0
54	48.4	42.2	63.2

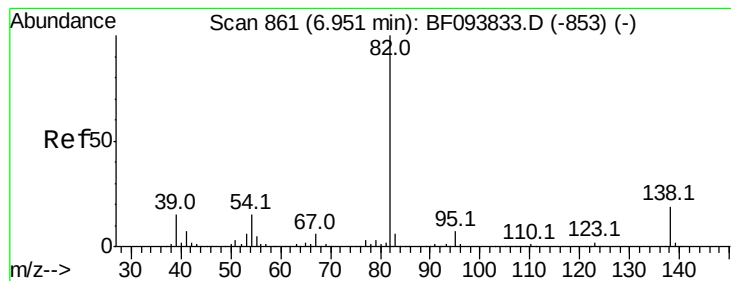


#24
 Nitrobenzene
 Concen: 43.96 ng
 RT: 6.54 min Scan# 791
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion: 77 Resp: 541633

Ion	Ratio	Lower	Upper
77	100		
123	49.2	35.8	53.8
65	13.4	10.6	15.8





#25

Isophorone

Concen: 44.43 ng

RT: 6.83 min Scan# 840

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

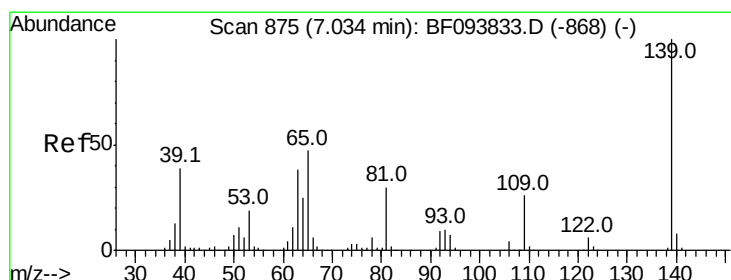
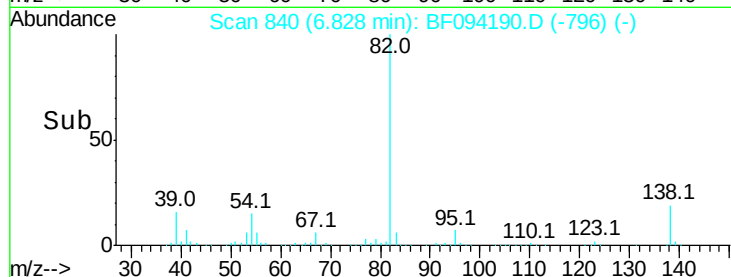
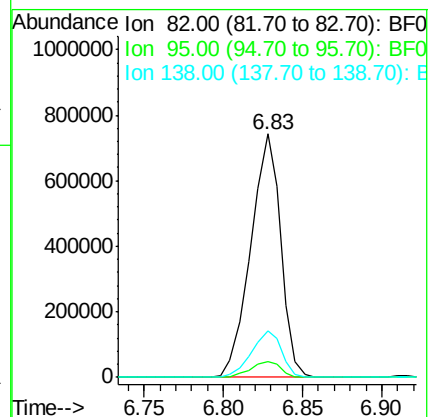
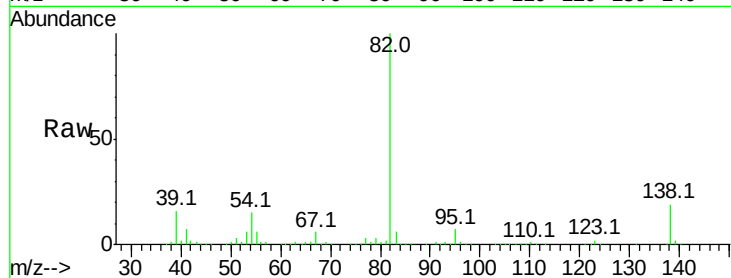
Tot Ion: 82 Resp: 975329

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.0 13.1 19.7



#26

2-Nitrophenol

Concen: 51.64 ng

RT: 6.92 min Scan# 855

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

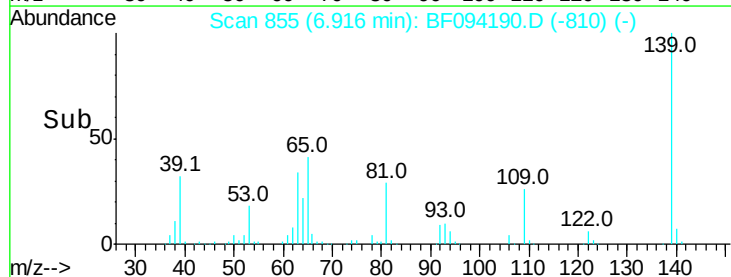
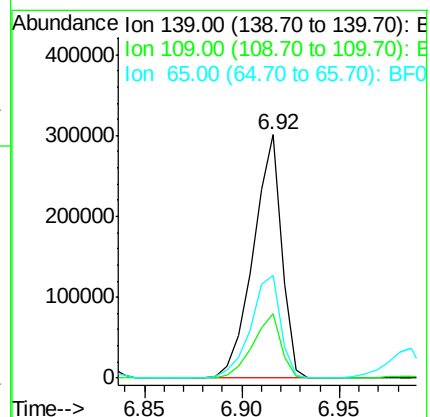
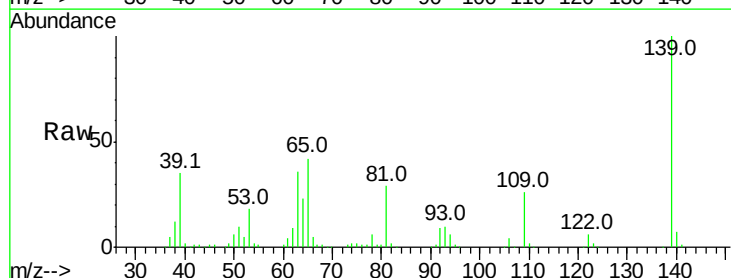
Tgt Ion:139 Resp: 303386

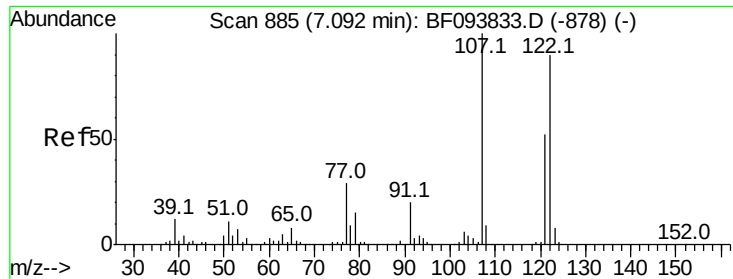
Ion Ratio Lower Upper

139 100

109 26.3 21.0 31.6

65 42.5 33.0 49.6

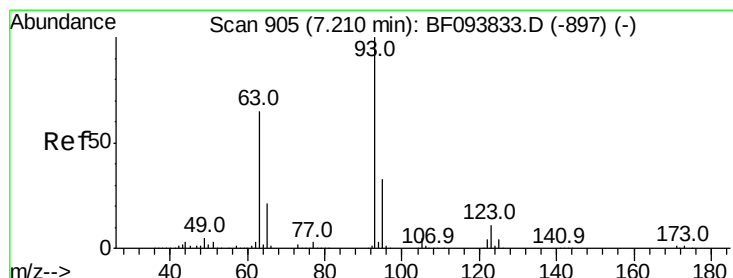
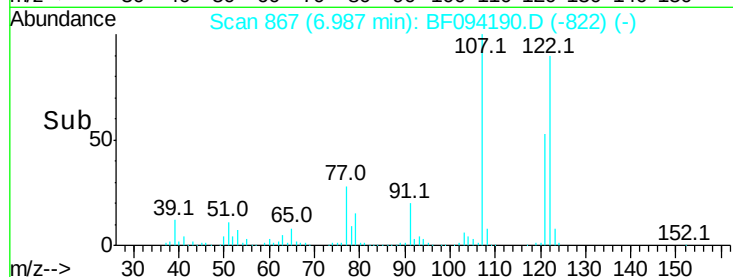
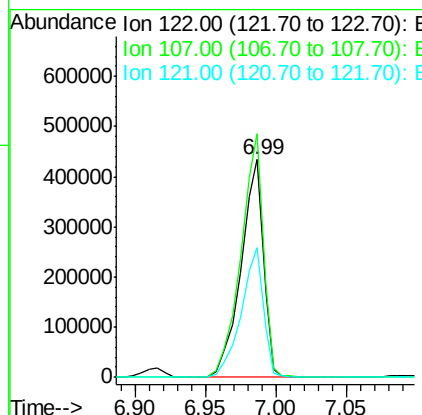
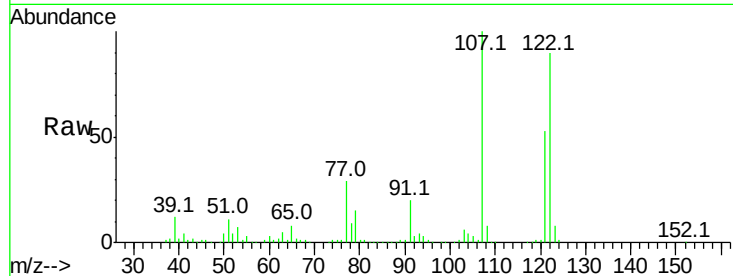




#27
 2,4-Dimethylphenol
 Concen: 47.66 ng
 RT: 6.99 min Scan# 867
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

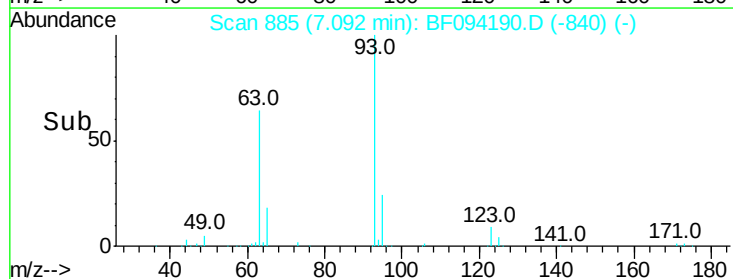
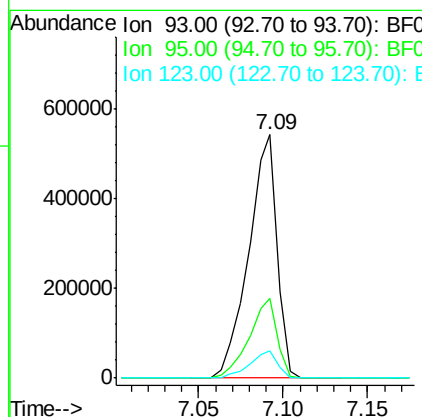
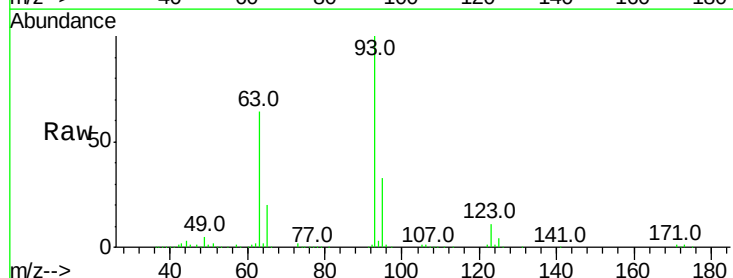
Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

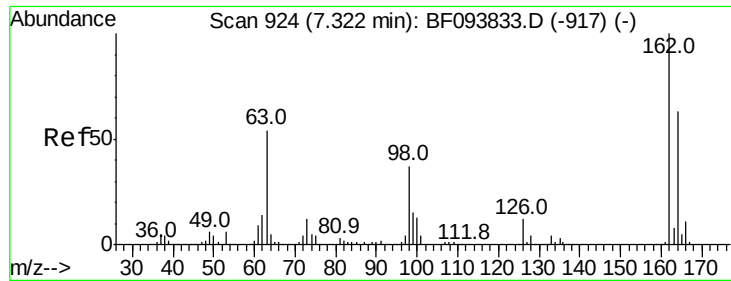
Tot Ion:122 Resp: 482458
 Ion Ratio Lower Upper
 122 100
 107 111.7 89.2 133.8
 121 59.4 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.98 ng
 RT: 7.09 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion: 93 Resp: 636589
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 11.3 9.0 13.4

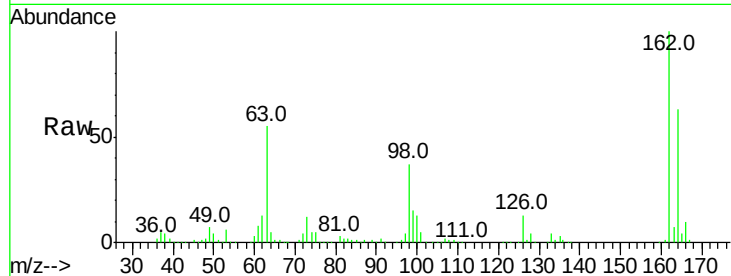




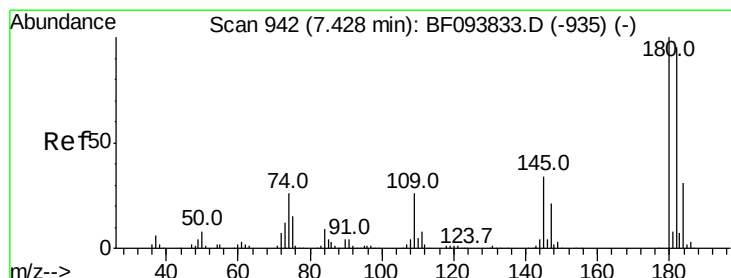
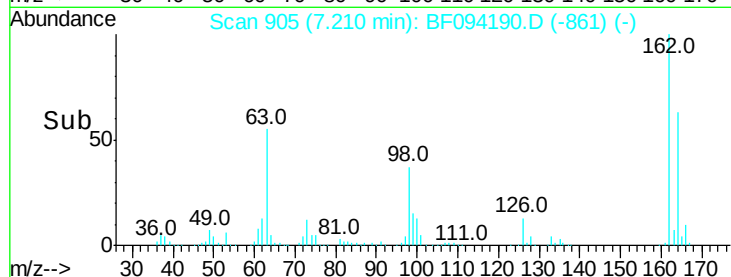
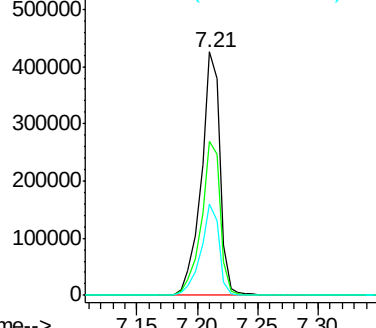
#29
 2,4-Dichlorophenol
 Concen: 48.62 ng
 RT: 7.21 min Scan# 905
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	44.6	84.6
98	37.3	14.8	54.8

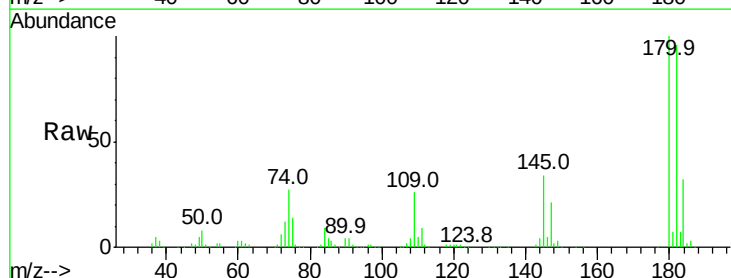


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

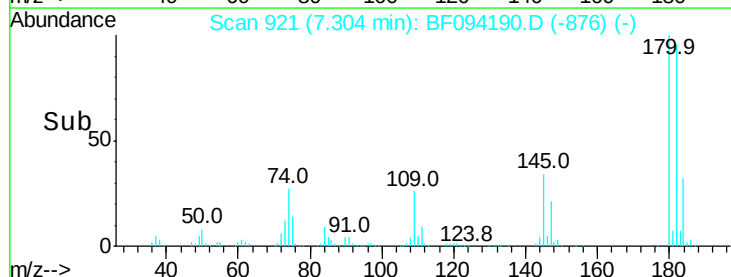
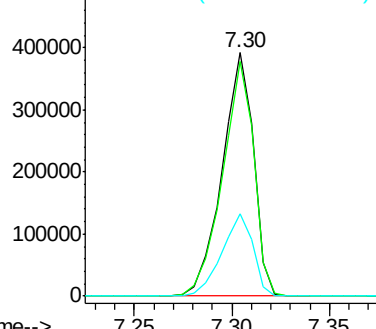


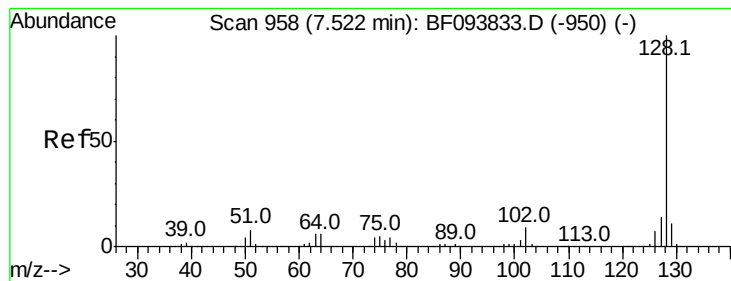
#30
 1,2,4-Trichlorobenzene
 Concen: 44.79 ng
 RT: 7.30 min Scan# 921
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.8	113.6
145	33.9	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: 43.48 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

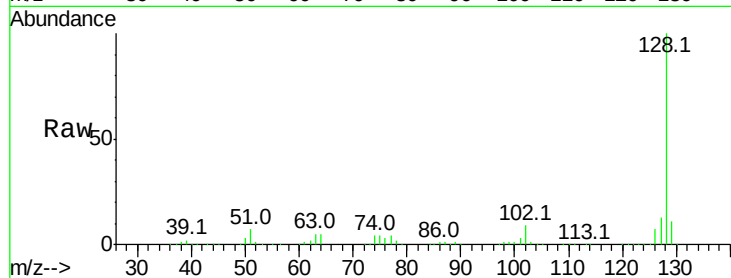
Tot Ion:128 Resp: 1490319

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

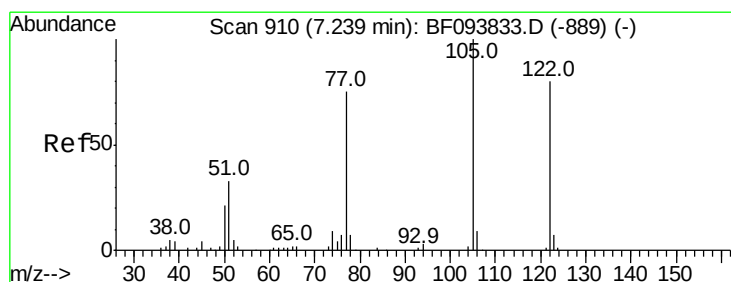
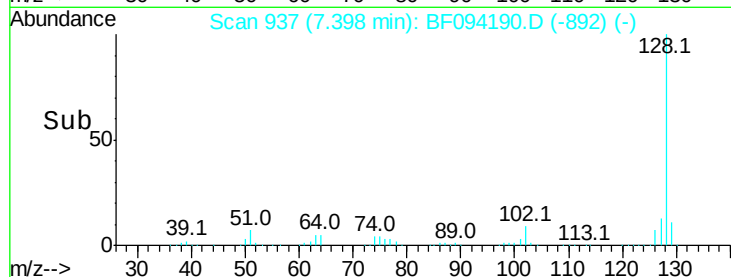
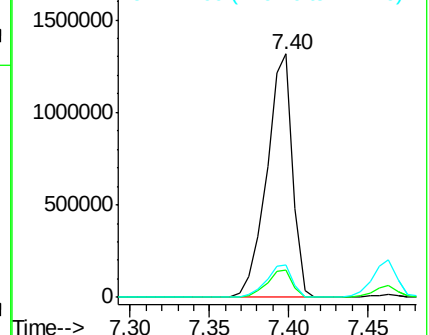
127 13.4 10.8 16.2



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: 71.59 ng

RT: 6.99 min Scan# 867

Delta R.T. -0.20 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

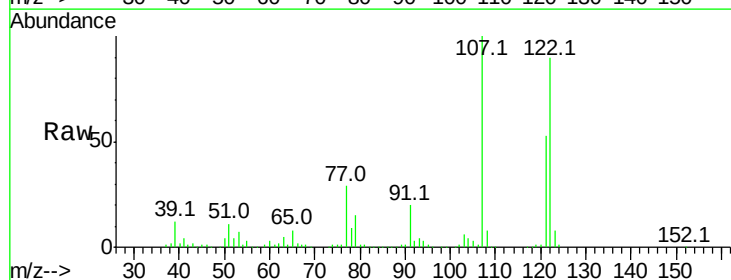
Tgt Ion:122 Resp: 482458

Ion Ratio Lower Upper

122 100

105 3.5 103.3 143.3#

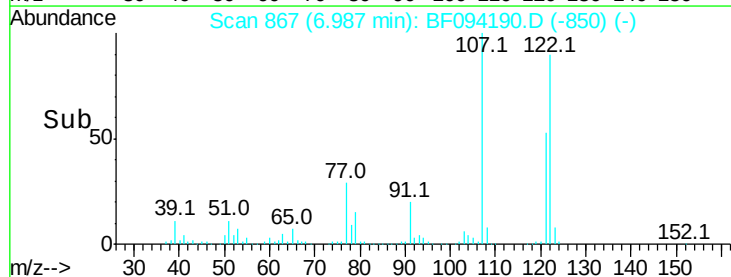
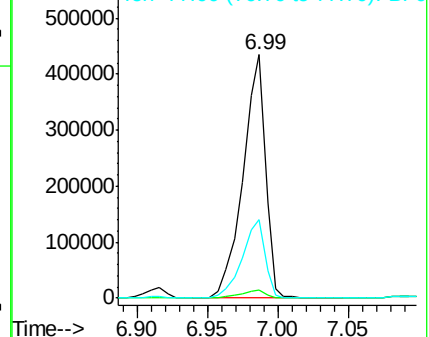
77 32.2 73.7 113.7#

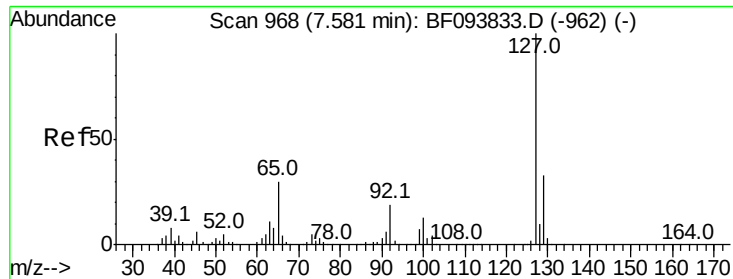


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

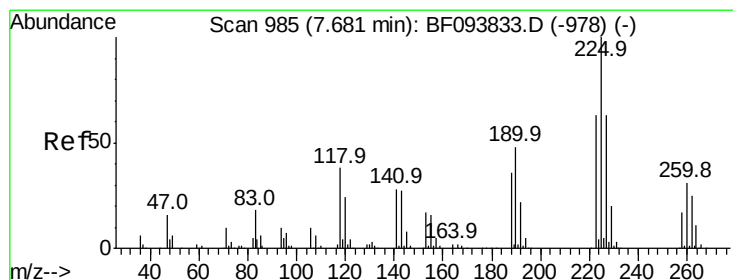
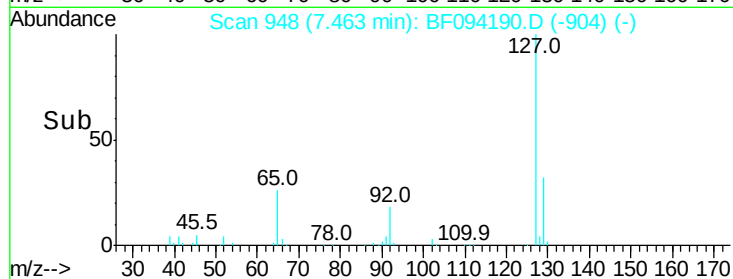
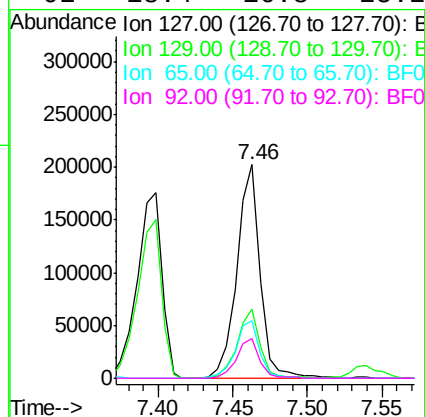
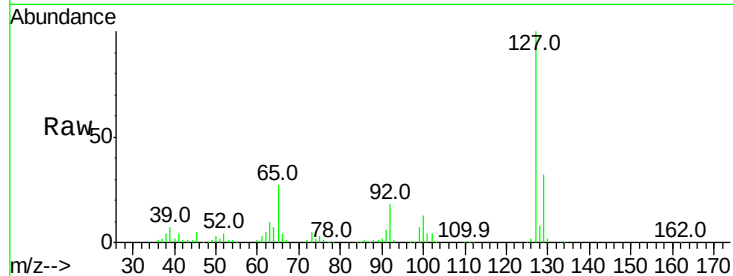




#33
4-Chloroaniline
Concen: 15.92 ng
RT: 7.46 min Scan# 948
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

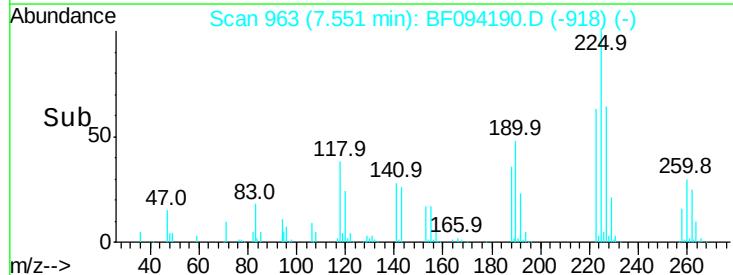
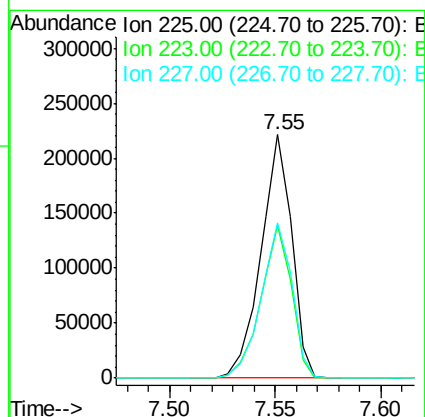
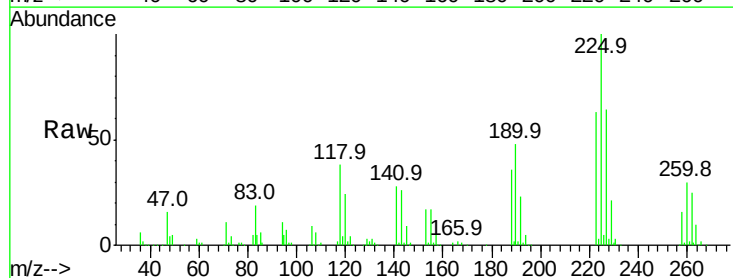
Instrument :
BNA_F
ClientSampleId :
PB98041BS

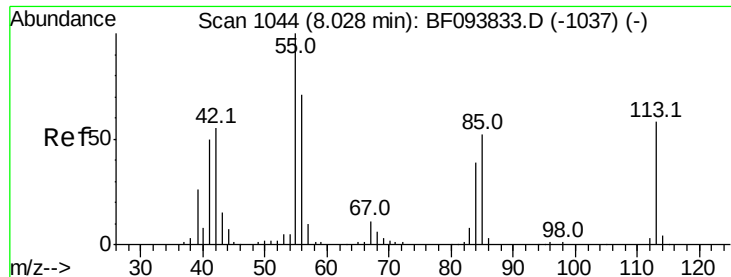
Tot Ion:	127	Resp:	221107
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	26.8	27.8	41.8#
92	18.4	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.91 ng
RT: 7.55 min Scan# 963
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion:	225	Resp:	224521
Ion	Ratio	Lower	Upper
225	100		
223	62.6	48.8	73.2
227	64.0	51.1	76.7





#35

Caprolactam

Concen: 23.56 ng

RT: 7.92 min Scan# 1025

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

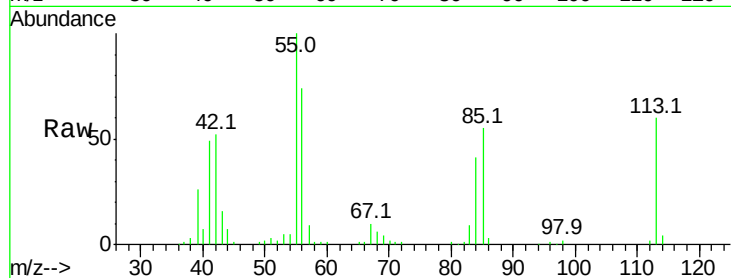
Tot Ion:113 Resp: 71108

Ion Ratio Lower Upper

113 100

55 167.4 150.2 190.2

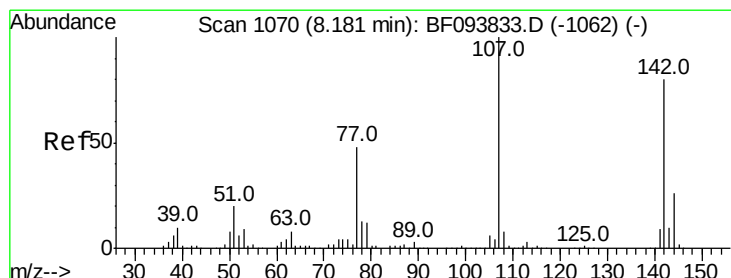
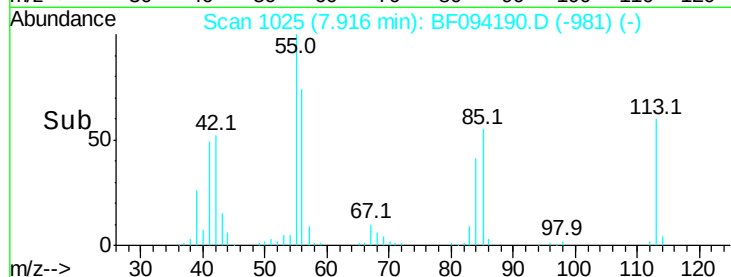
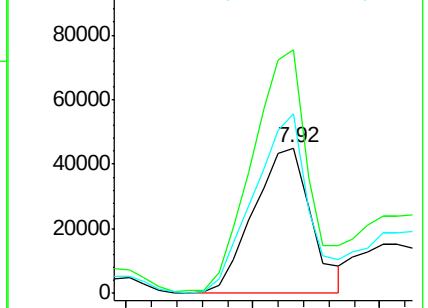
56 123.7 107.8 147.8



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: 49.90 ng

RT: 8.09 min Scan# 1054

Delta R.T. -0.03 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

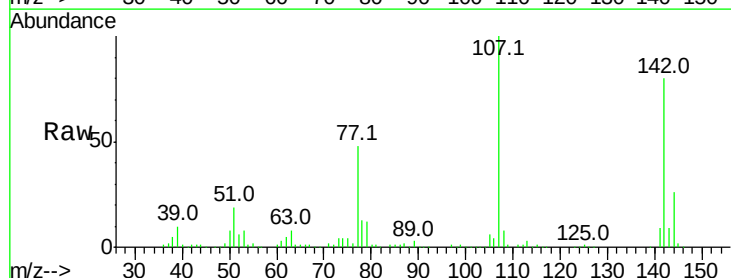
Tgt Ion:107 Resp: 493536

Ion Ratio Lower Upper

107 100

144 25.9 24.2 36.4

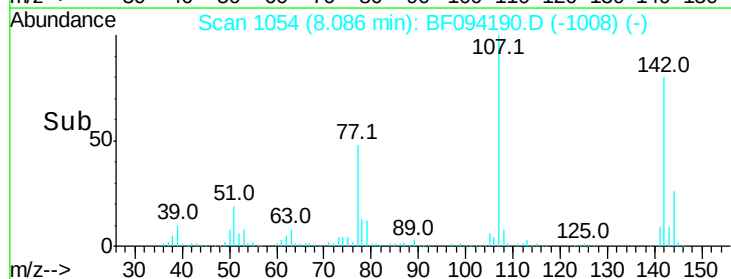
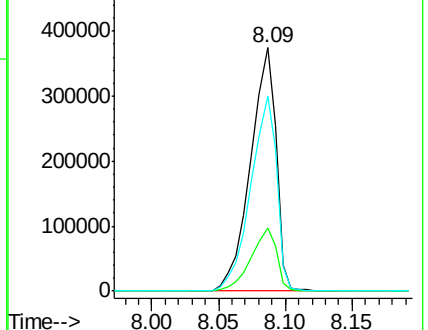
142 80.0 73.4 110.0

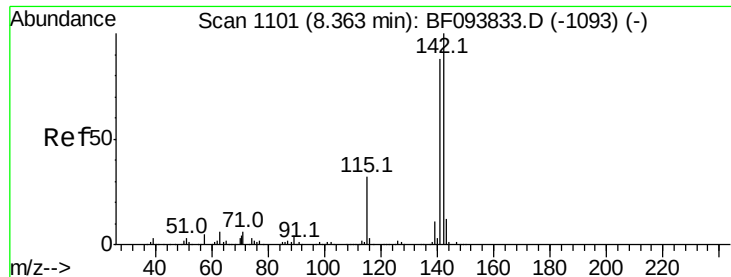


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.20 ng

RT: 8.24 min Scan# 1080

Delta R.T. -0.04 min

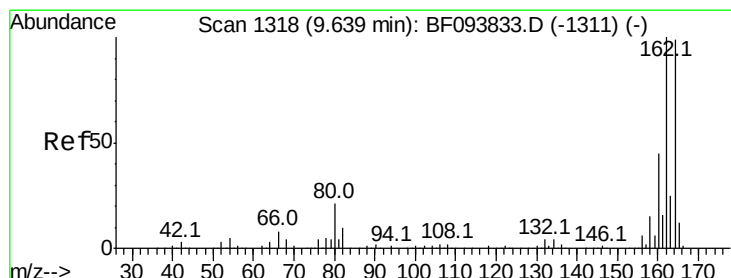
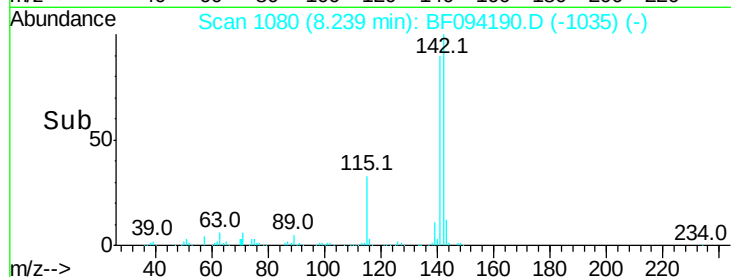
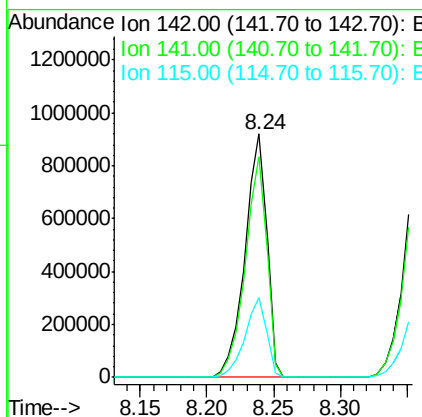
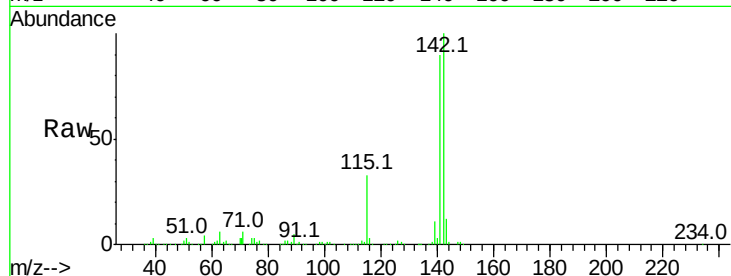
Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion:142 Resp: 1032784

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.3	106.9
115	32.9	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 1296

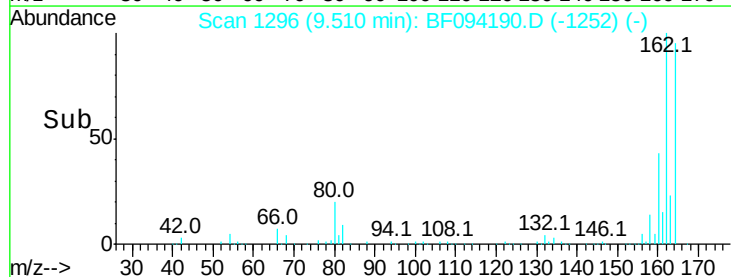
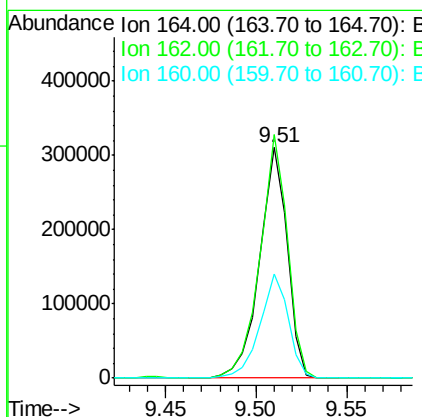
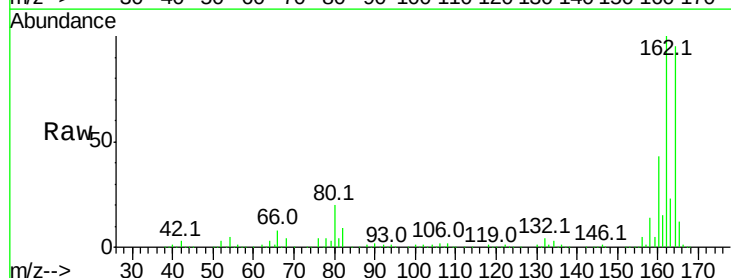
Delta R.T. -0.04 min

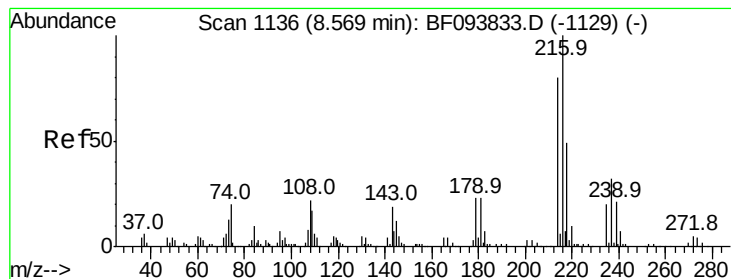
Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Tgt Ion:164 Resp: 330512

Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.6	123.8
160	45.2	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.06 ng

RT: 8.45 min Scan# 1115

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

Tot Ion:216 Resp: 380334

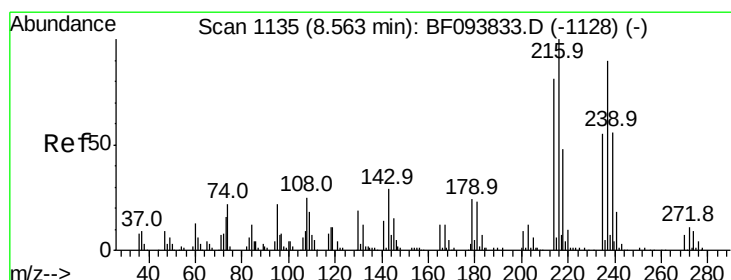
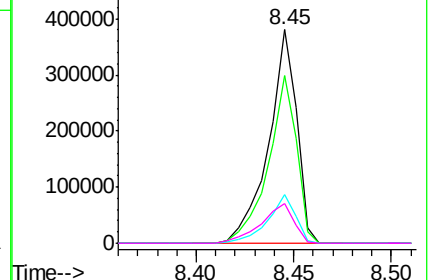
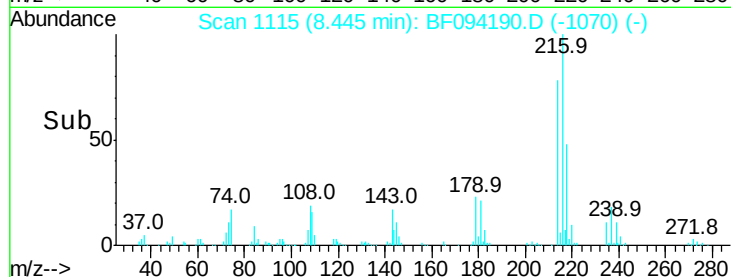
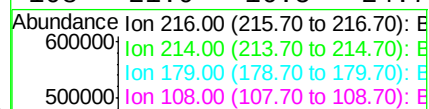
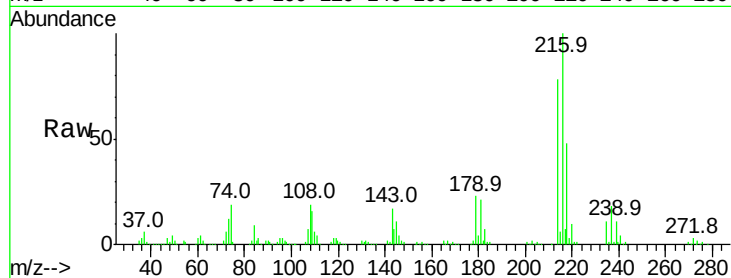
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 22.3 17.9 26.9

108 21.9 16.5 24.7



#40

Hexachlorocyclopentadiene

Concen: 91.37 ng

RT: 8.43 min Scan# 1113

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

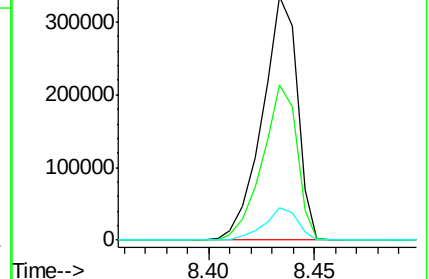
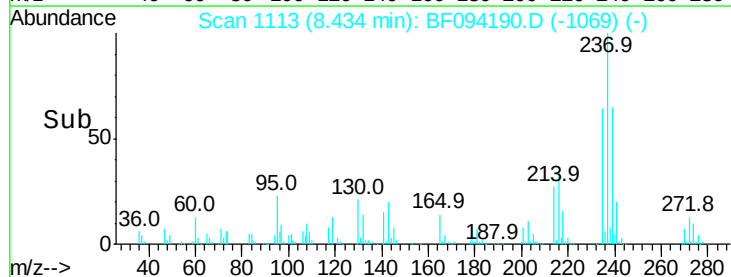
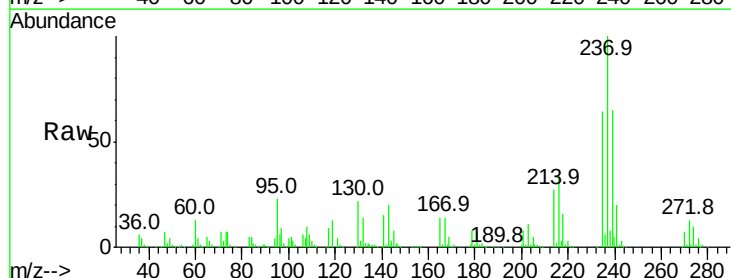
Tgt Ion:237 Resp: 386571

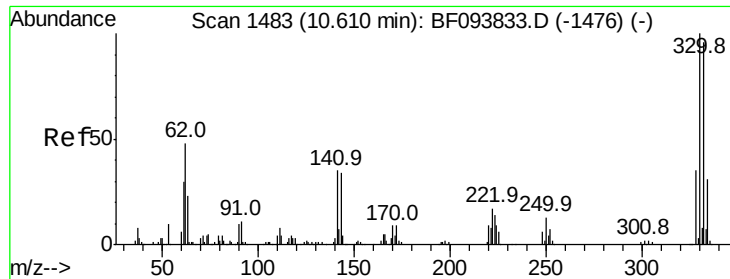
Ion Ratio Lower Upper

237 100

235 63.9 42.6 82.6

272 13.3 0.0 31.9

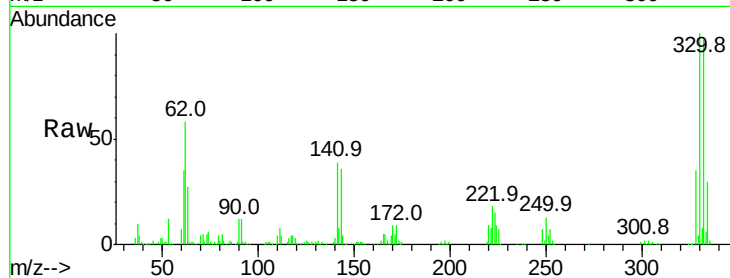




#41
 2,4,6-Tribromophenol
 Concen: 140.82 ng
 RT: 10.49 min Scan# 1462
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	38.5	31.4	47.2

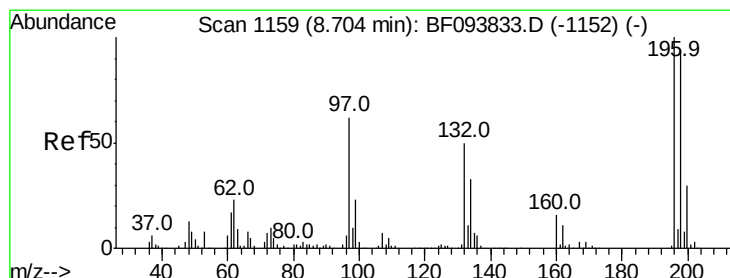
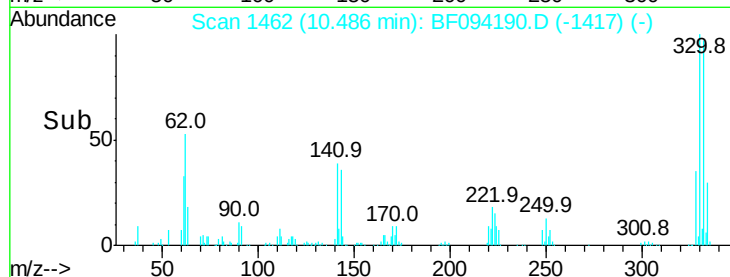
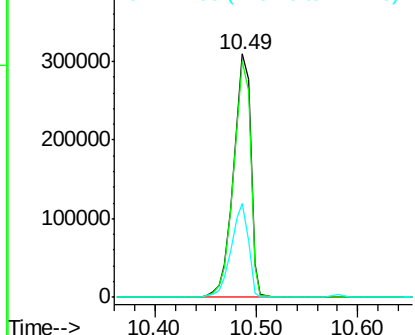


Abundance

Ion 329.80 (329.50 to 330.50): E

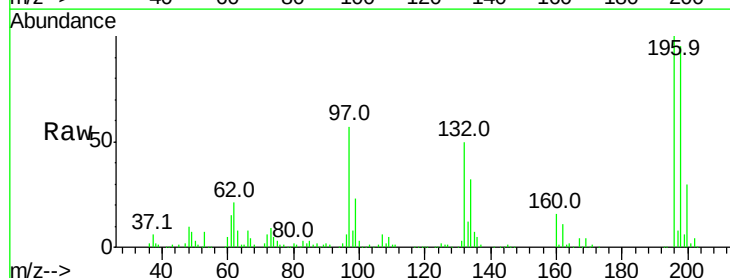
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 48.51 ng
 RT: 8.59 min Scan# 1140
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.4	74.2	111.4
200	30.5	24.0	36.0

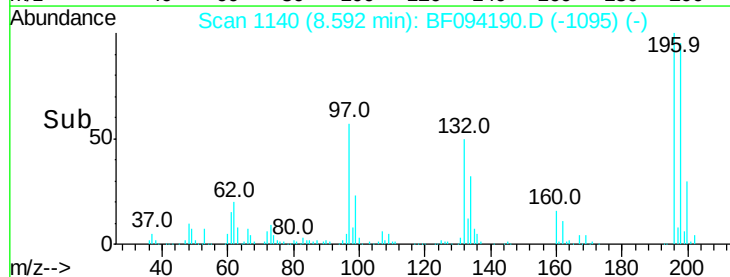
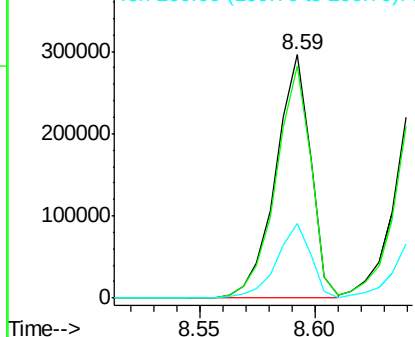


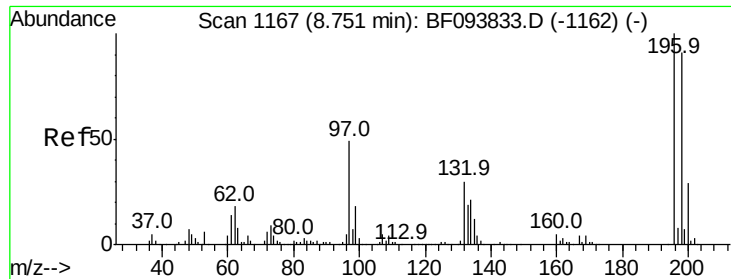
Abundance

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

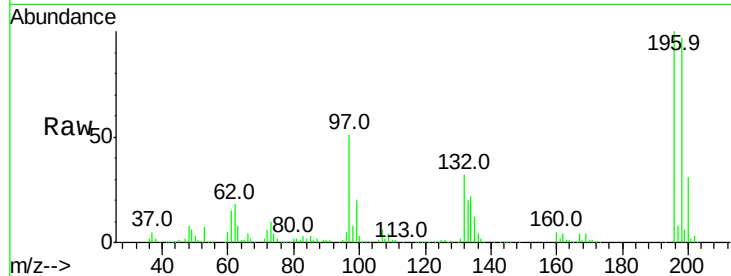




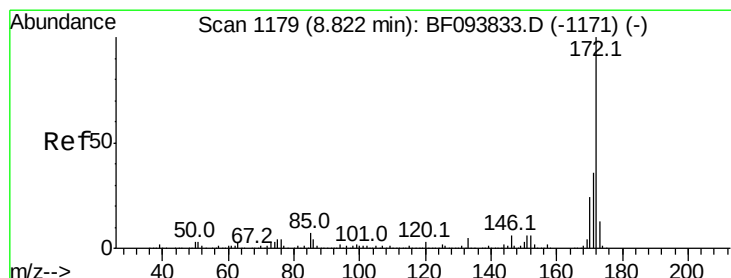
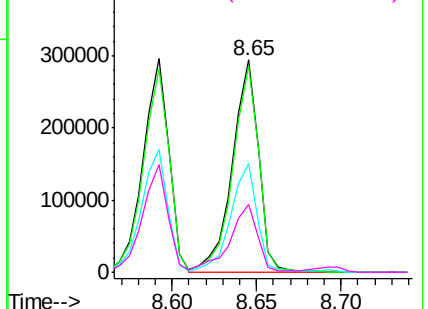
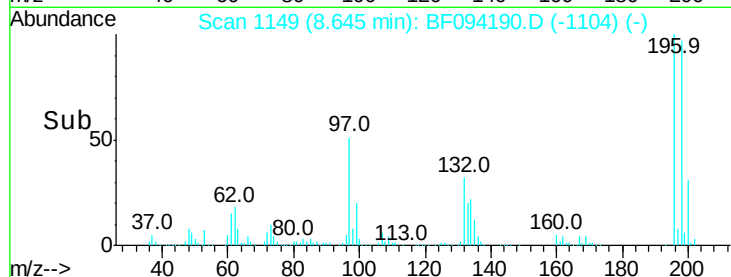
#43
 2,4,5-Trichlorophenol
 Concen: 45.68 ng
 RT: 8.65 min Scan# 1149
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

Tot Ion:196 Resp: 316184
 Ion Ratio Lower Upper
 196 100
 198 97.4 75.7 113.5
 97 51.2 47.7 71.5
 132 31.7 28.0 42.0

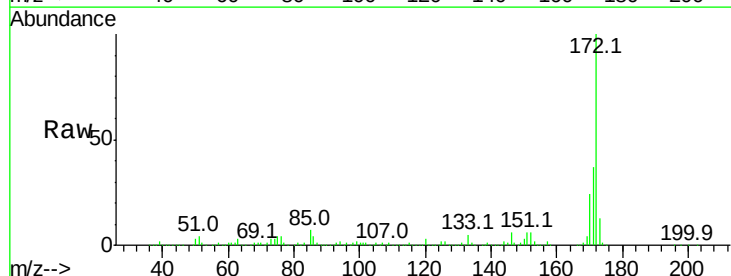


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

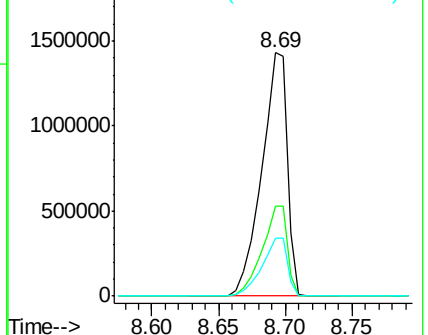
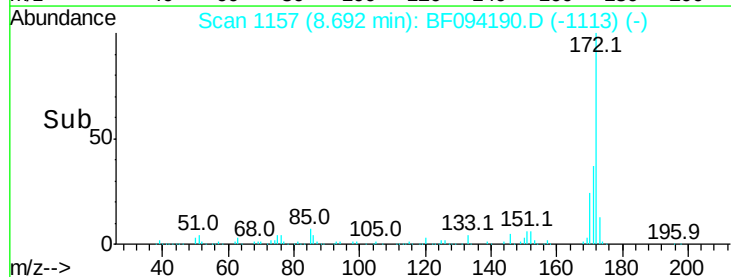


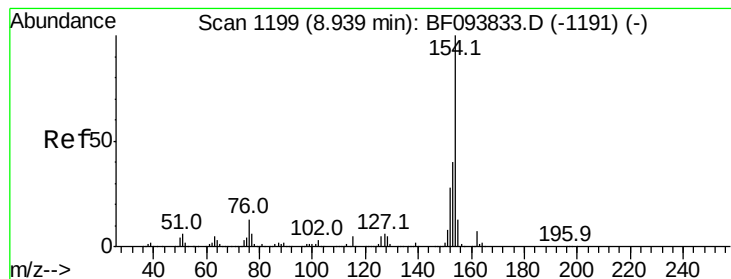
#44
 2-Fluorobiphenyl
 Concen: 87.31 ng
 RT: 8.69 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion:172 Resp: 1891844
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 24.0 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 43.28 ng

RT: 8.82 min Scan# 1178

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

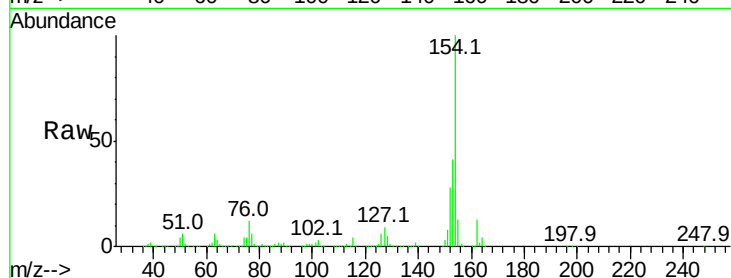
Tot Ion:154 Resp: 1153720

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

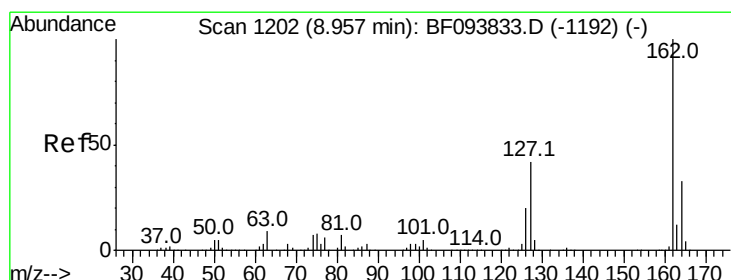
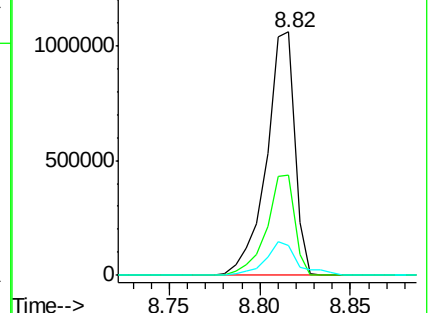
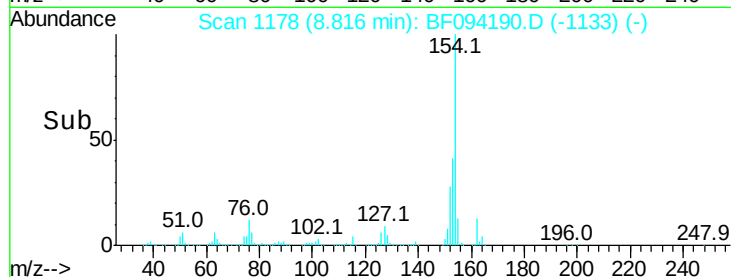
76 12.3 0.0 29.9



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): BFO



#46

2-Chloronaphthalene

Concen: 44.24 ng

RT: 8.83 min Scan# 1181

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

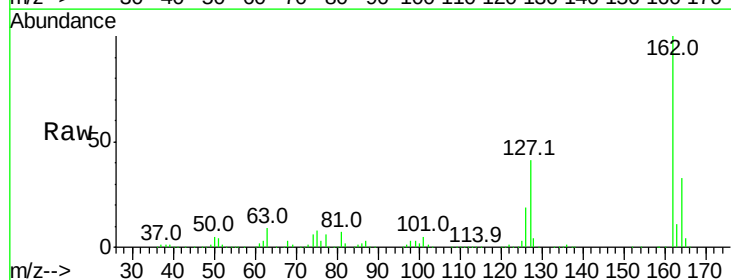
Tgt Ion:162 Resp: 923244

Ion Ratio Lower Upper

162 100

127 41.0 28.3 42.5

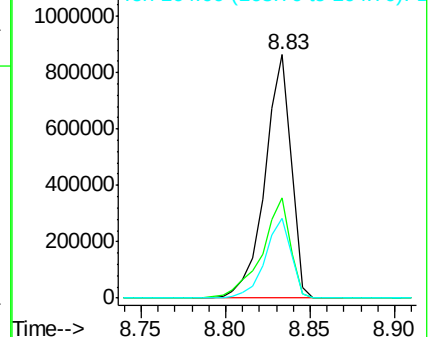
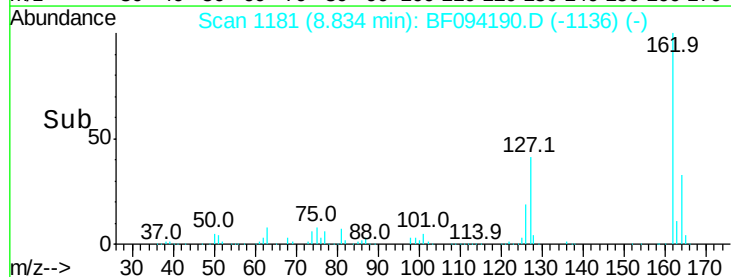
164 33.0 27.0 40.4

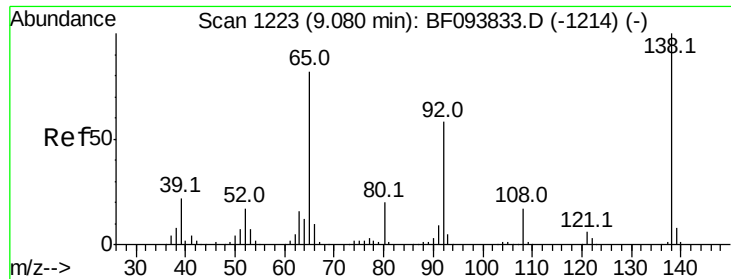


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

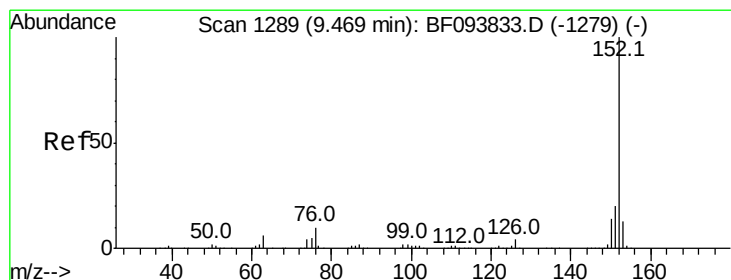
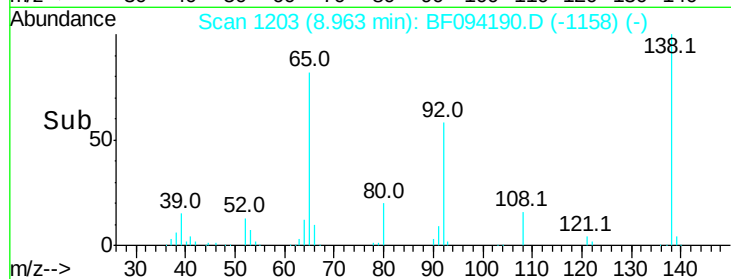
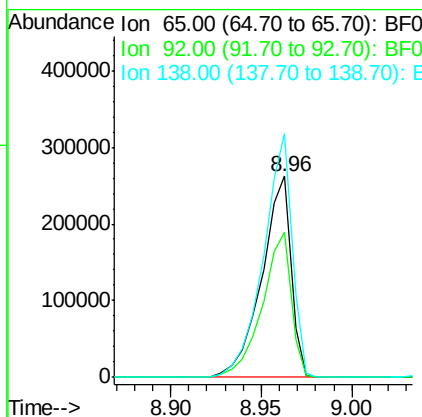
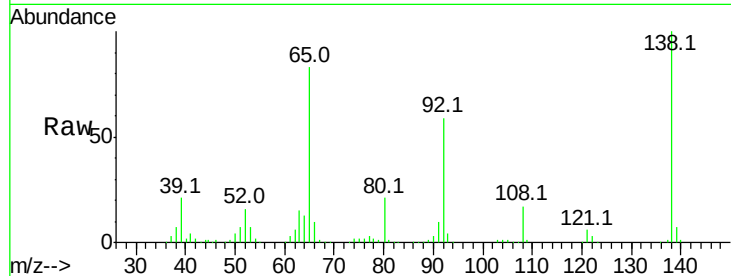




#47
 2-Nitroaniline
 Concen: 47.65 ng
 RT: 8.96 min Scan# 1203
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

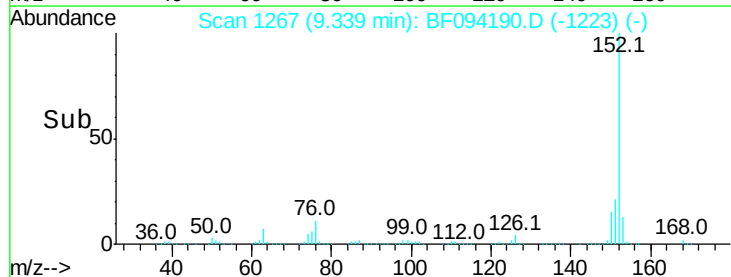
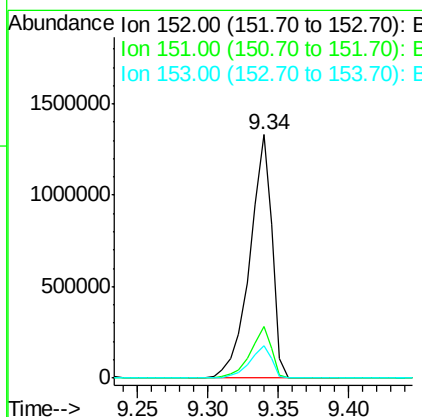
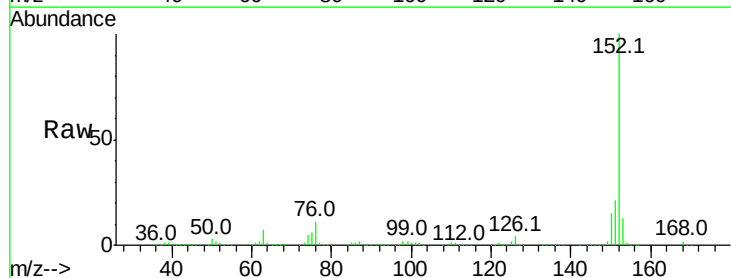
Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

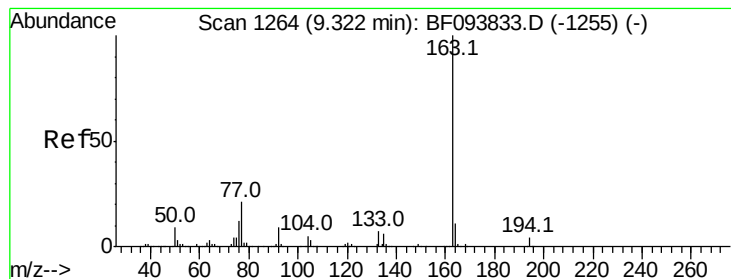
Tot Ion: 65 Resp: 294950
 Ion Ratio Lower Upper
 65 100
 92 71.9 53.9 80.9
 138 121.1 78.8 118.2#



#48
 Acenaphthylene
 Concen: 42.31 ng
 RT: 9.34 min Scan# 1267
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion:152 Resp: 1467278
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.8 25.2
 153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 47.40 ng

RT: 9.20 min Scan# 1244

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

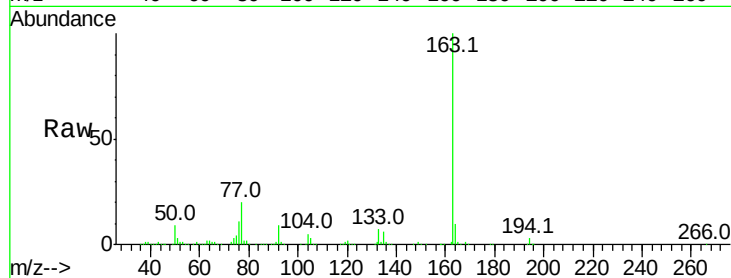
Tot Ion:163 Resp: 1113708

Ion Ratio Lower Upper

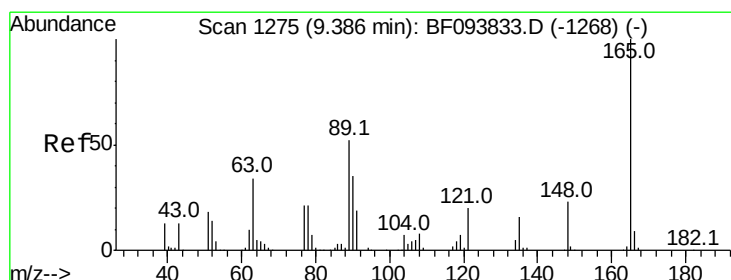
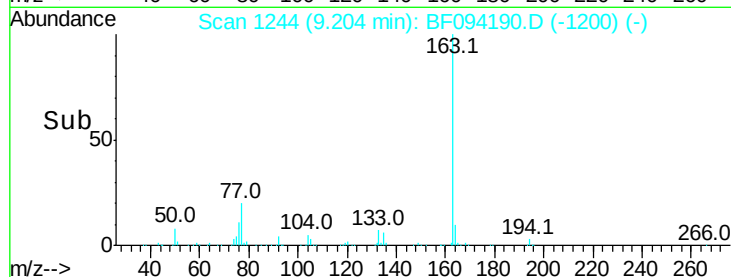
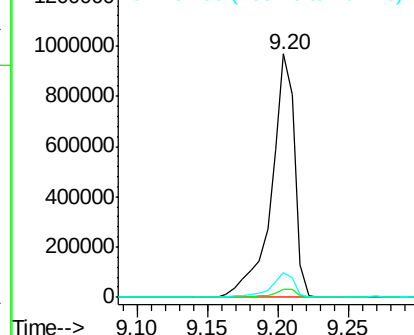
163 100

194 3.4 2.6 4.0

164 10.0 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: 47.05 ng

RT: 9.27 min Scan# 1255

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

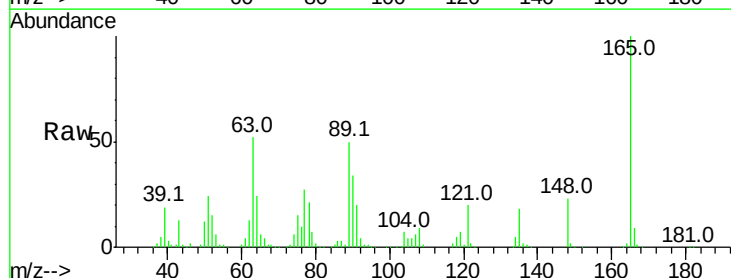
Tgt Ion:165 Resp: 253371

Ion Ratio Lower Upper

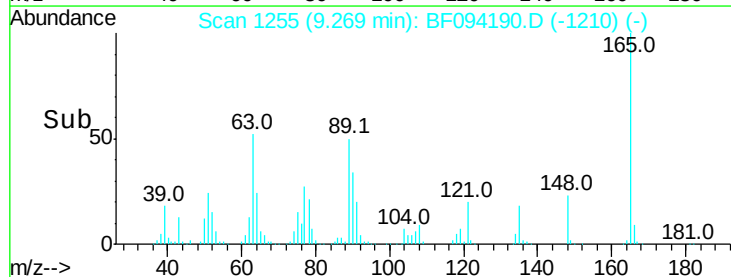
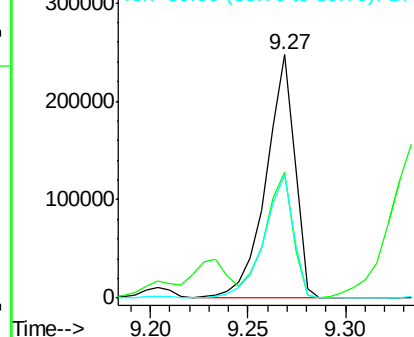
165 100

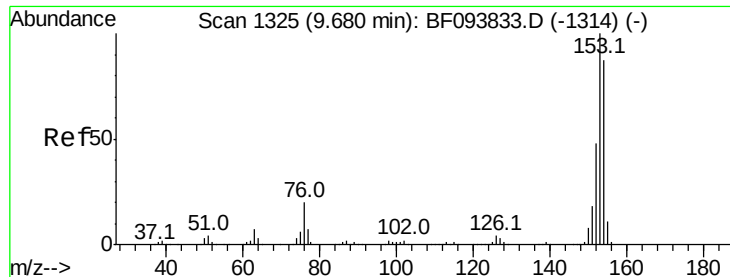
63 51.6 34.3 51.5#

89 50.5 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: 42.89 ng

RT: 9.55 min Scan# 1303

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

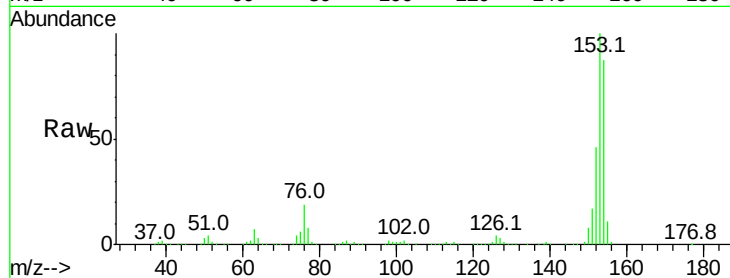
Tot Ion:154 Resp: 867965

Ion Ratio Lower Upper

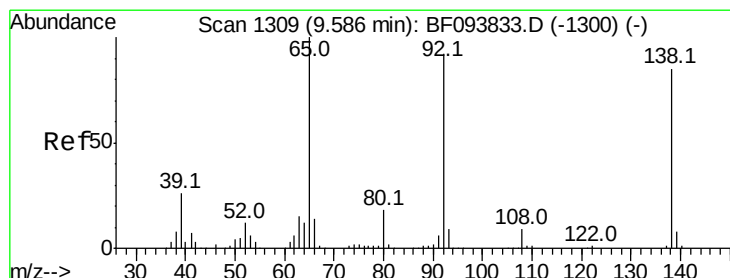
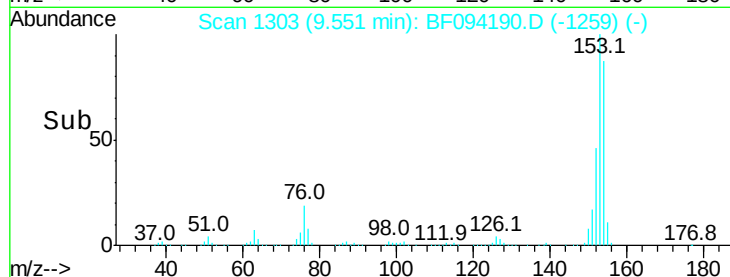
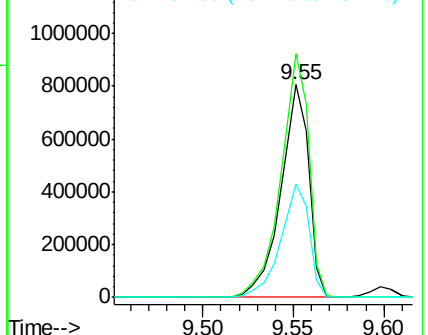
154 100

153 114.6 90.5 135.7

152 53.3 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.82 ng

RT: 9.46 min Scan# 1288

Delta R.T. -0.05 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

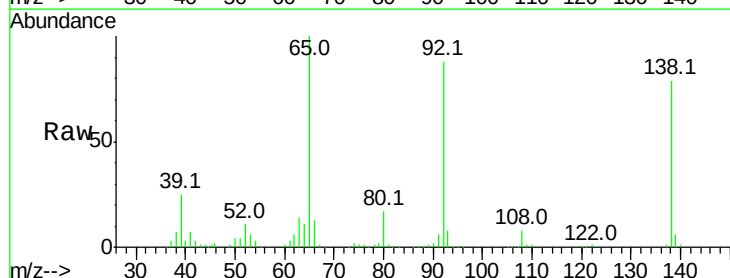
Tgt Ion:138 Resp: 150612

Ion Ratio Lower Upper

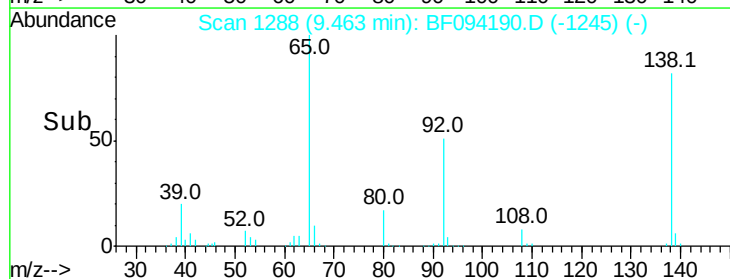
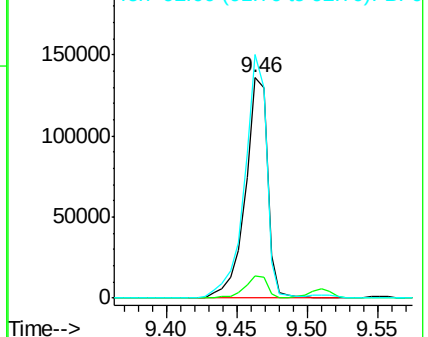
138 100

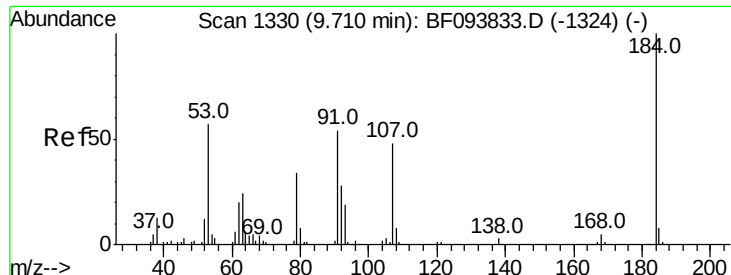
108 10.2 9.1 13.7

92 110.7 93.8 140.6



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

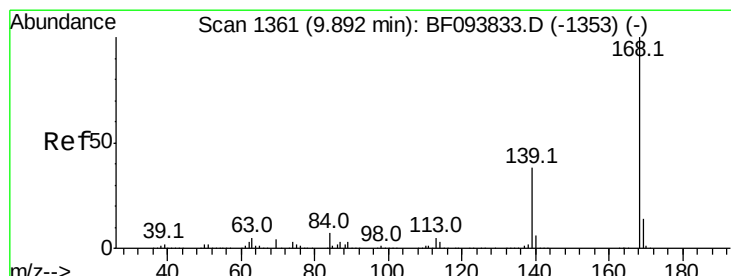
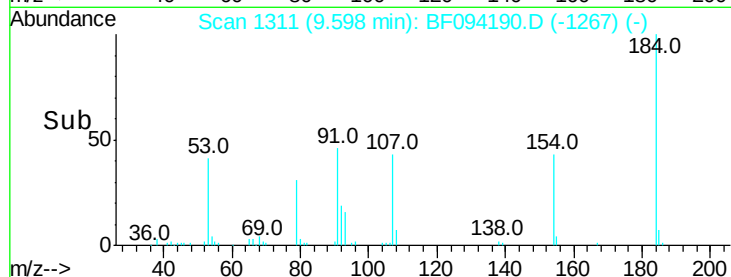
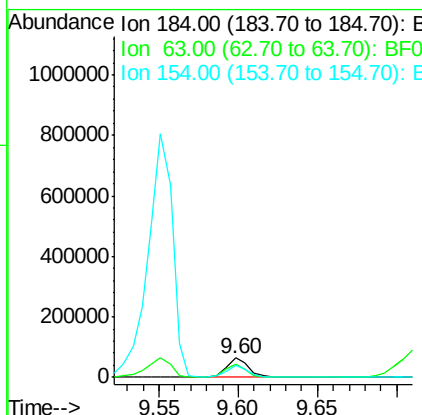
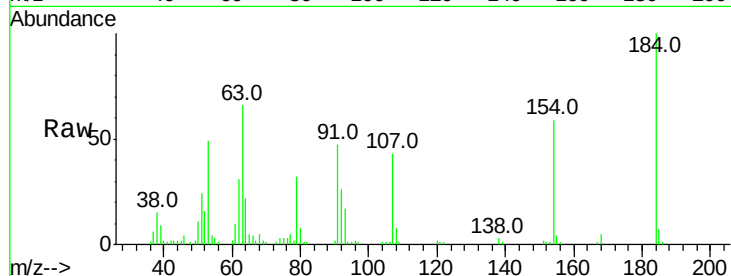




#53
 2,4-Dinitrophenol
 Concen: 25.29 ng
 RT: 9.60 min Scan# 1311
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

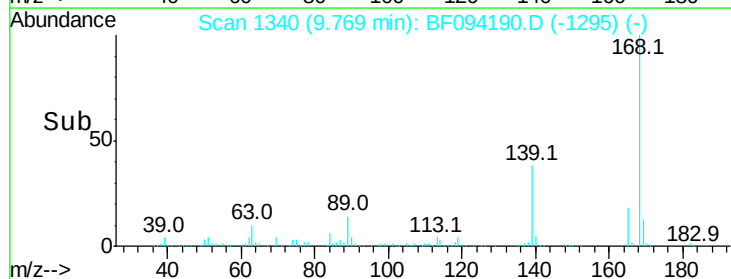
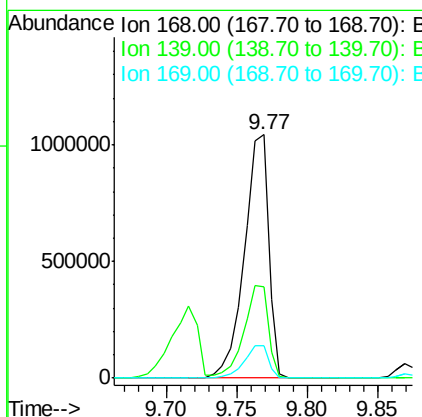
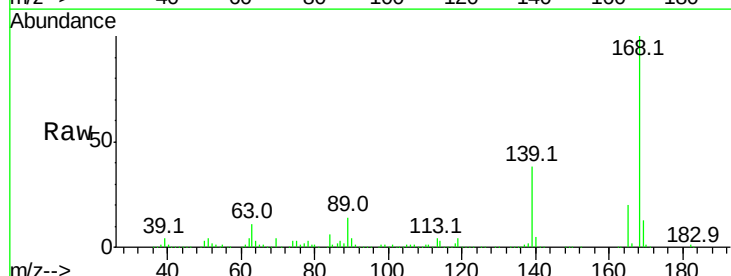
Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

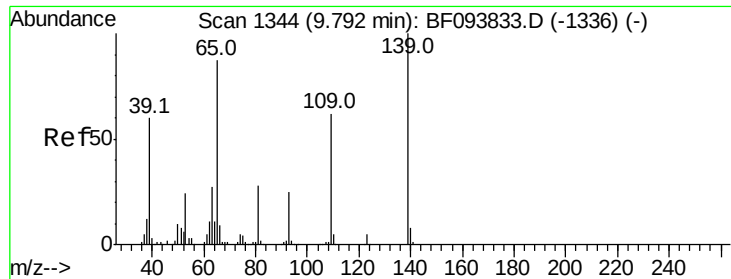
Tot Ion:184 Resp: 63142
 Ion Ratio Lower Upper
 184 100
 63 65.6 62.7 94.1
 154 59.5 81.1 121.7#



#54
 Dibenzofuran
 Concen: 45.78 ng
 RT: 9.77 min Scan# 1340
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion:168 Resp: 1261210
 Ion Ratio Lower Upper
 168 100
 139 37.7 30.6 45.8
 169 13.3 10.8 16.2





#55

4-Nitrophenol

Concen: 82.96 ng

RT: 9.72 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

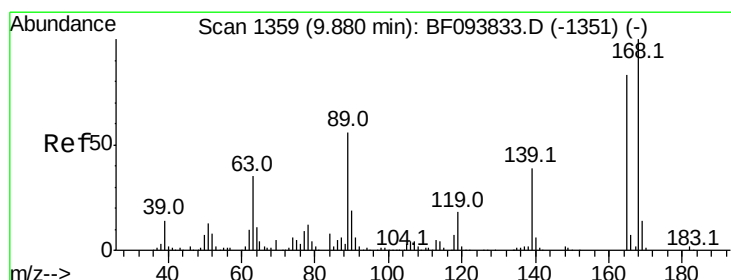
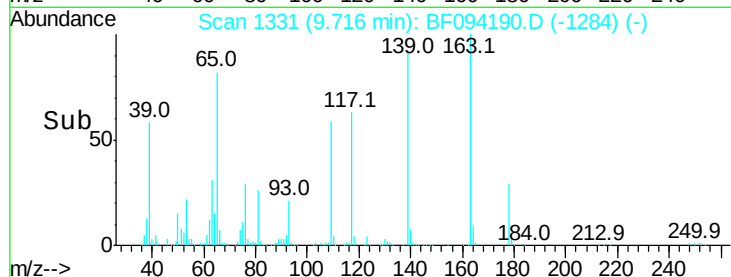
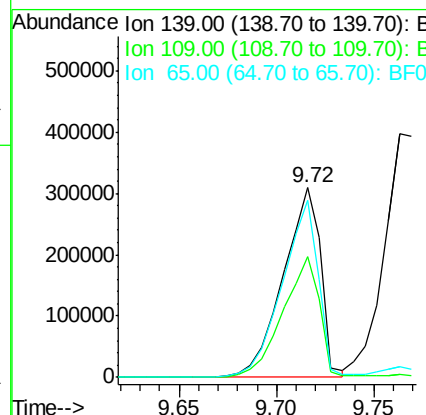
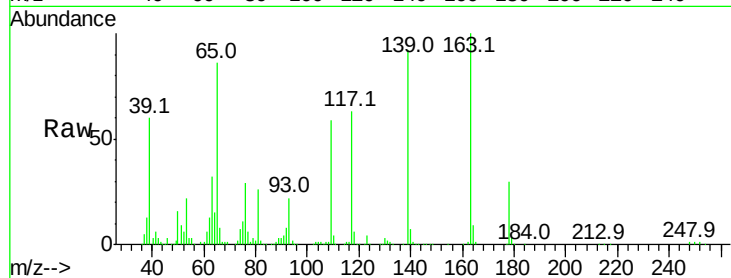
Tot Ion:139 Resp: 410881

Ion Ratio Lower Upper

139 100

109 63.8 34.1 74.1

65 93.3 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 45.66 ng

RT: 9.76 min Scan# 1339

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Tgt Ion:165 Resp: 308929

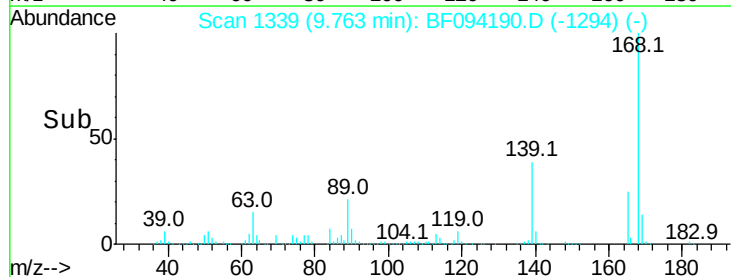
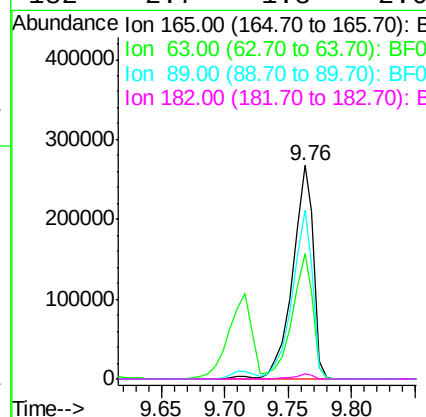
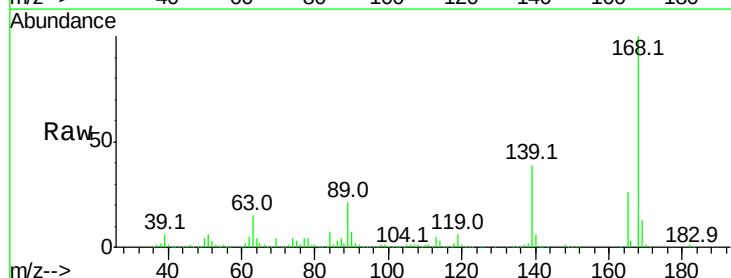
Ion Ratio Lower Upper

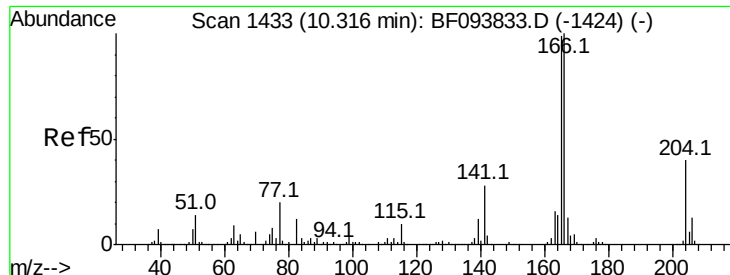
165 100

63 58.7 25.4 38.0#

89 79.1 46.4 69.6#

182 2.7 1.8 2.6#

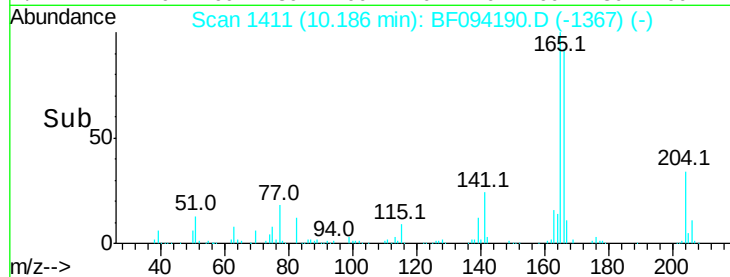
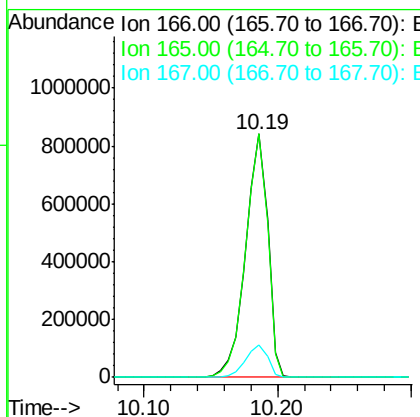
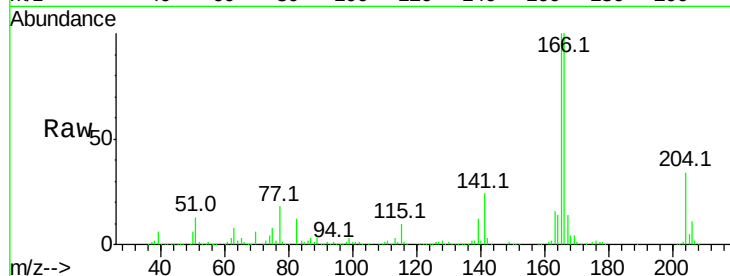




#57
 Fluorene
 Concen: 41.94 ng
 RT: 10.19 min Scan# 1411
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

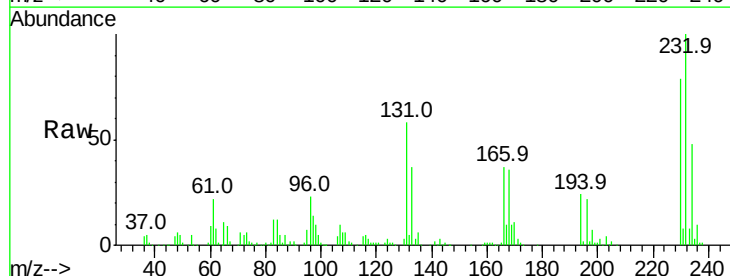
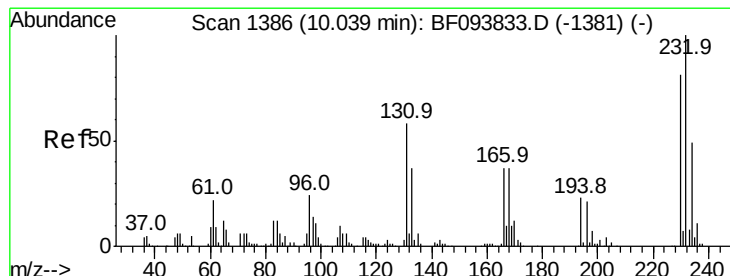
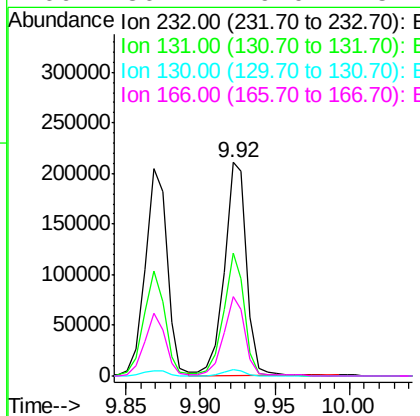
Instrument :
 BNA_F
 ClientSampled :
 PB98041BS

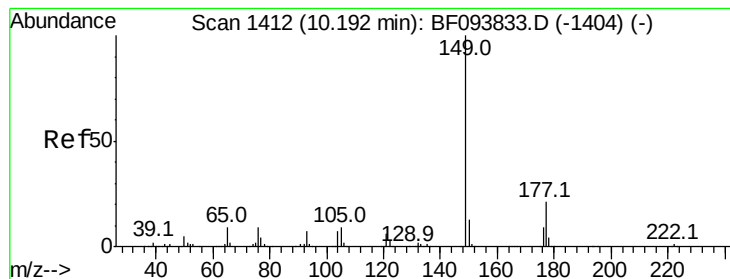
Tot Ion:166 Resp: 958115
 Ion Ratio Lower Upper
 166 100
 165 99.8 78.8 118.2
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.82 ng
 RT: 9.92 min Scan# 1366
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion:232 Resp: 222371
 Ion Ratio Lower Upper
 232 100
 131 54.8 44.8 67.2
 130 2.6 2.3 3.5
 166 36.4 29.0 43.4





#59

Diethylphthalate

Concen: 46.58 ng

RT: 10.07 min Scan# 1392

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

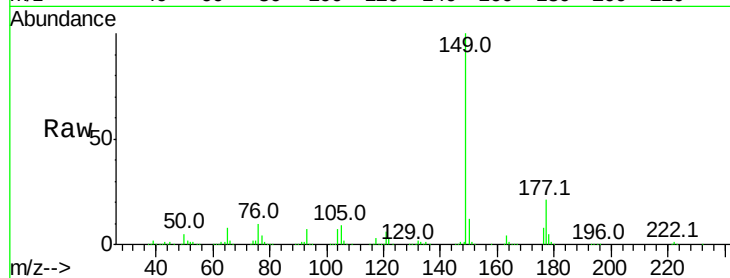
Tot Ion:149 Resp: 1081607

Ion Ratio Lower Upper

149 100

177 21.4 16.7 25.1

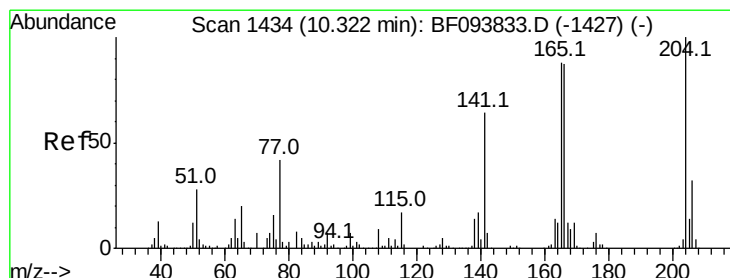
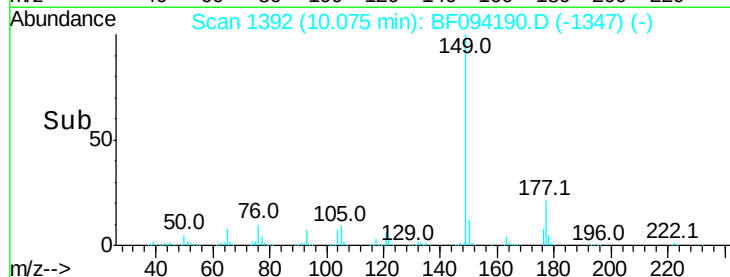
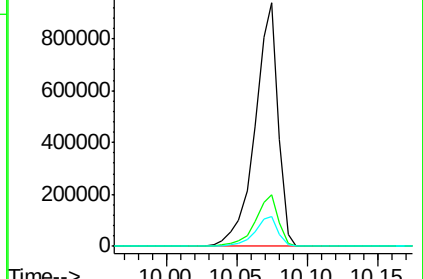
150 12.1 10.2 15.2



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: 42.59 ng

RT: 10.19 min Scan# 1412

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

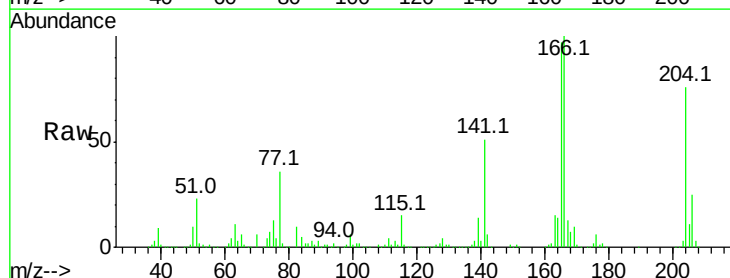
Tgt Ion:204 Resp: 414550

Ion Ratio Lower Upper

204 100

206 32.9 26.2 39.2

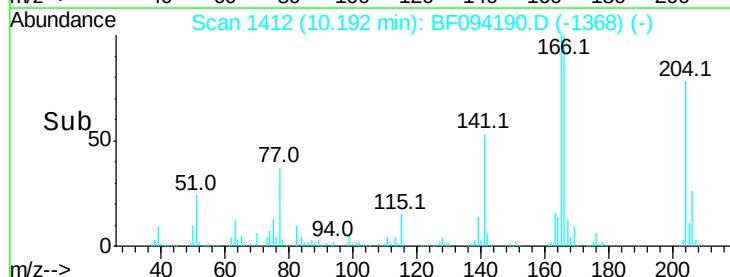
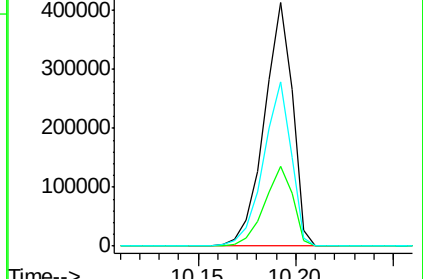
141 67.5 60.8 91.2

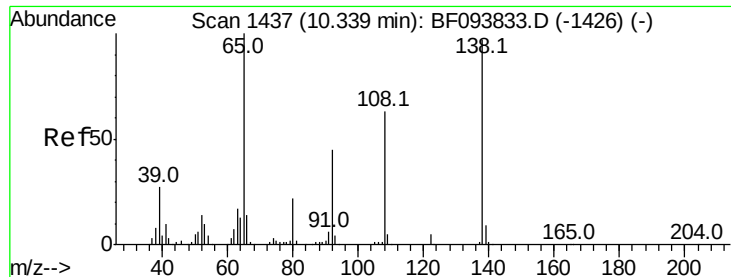


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

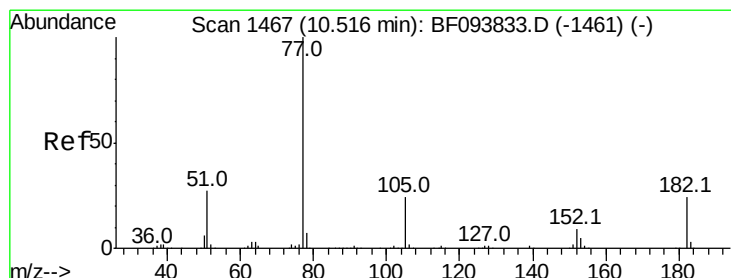
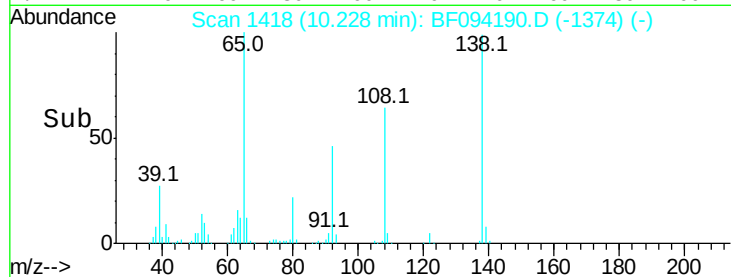
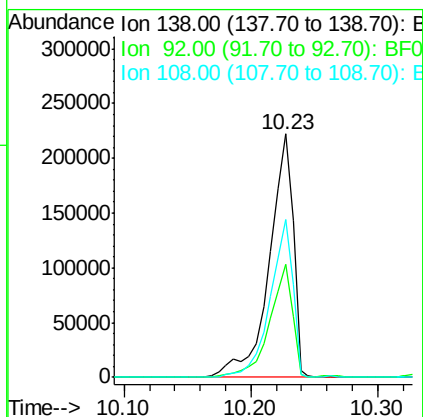
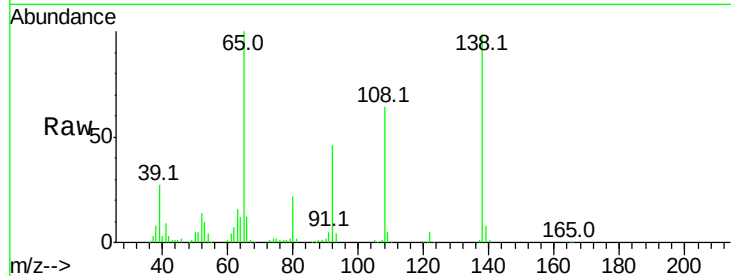




#61
4-Nitroaniline
Concen: 47.99 ng
RT: 10.23 min Scan# 1418
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

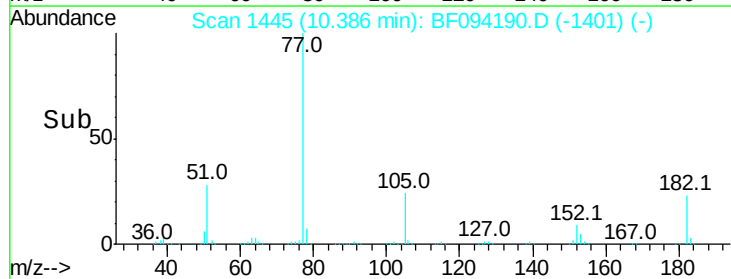
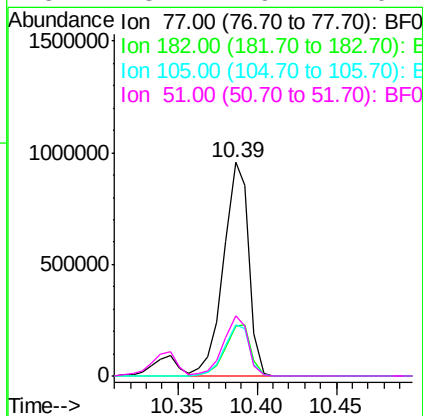
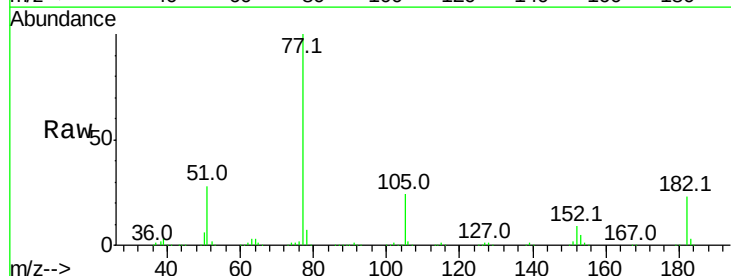
Instrument :
BNA_F
ClientSampleId :
PB98041BS

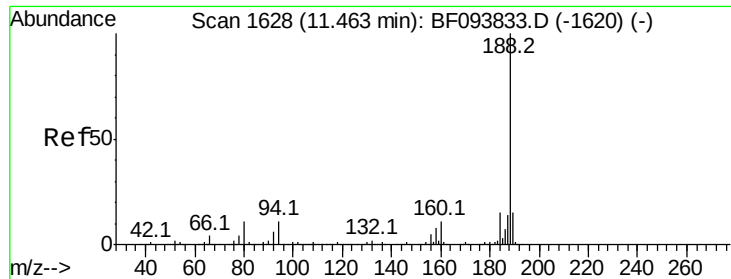
Tot Ion:138 Resp: 291240
Ion Ratio Lower Upper
138 100
92 46.7 21.8 61.8
108 64.8 42.3 82.3



#62
Azobenzene
Concen: 47.88 ng
RT: 10.39 min Scan# 1445
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion: 77 Resp: 1051741
Ion Ratio Lower Upper
77 100
182 23.4 0.1 40.1
105 24.3 3.6 43.6
51 28.2 9.4 49.4

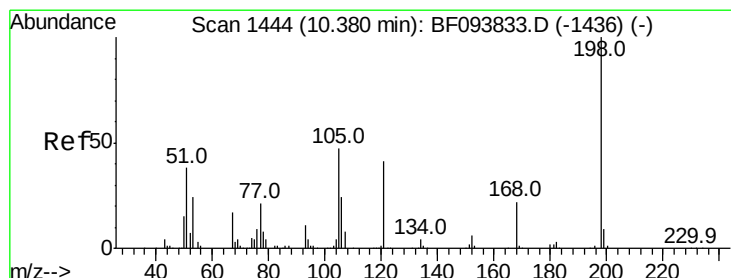
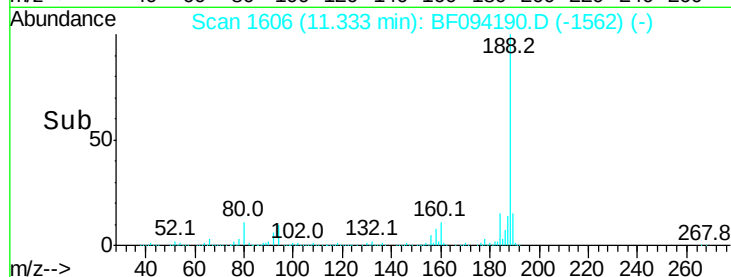
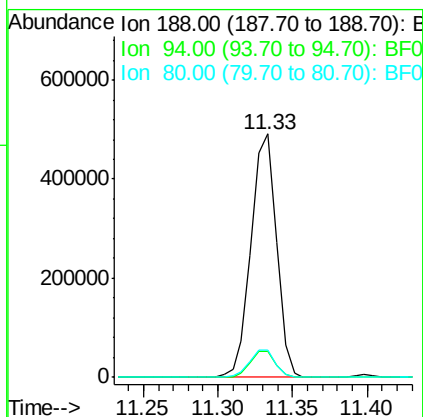
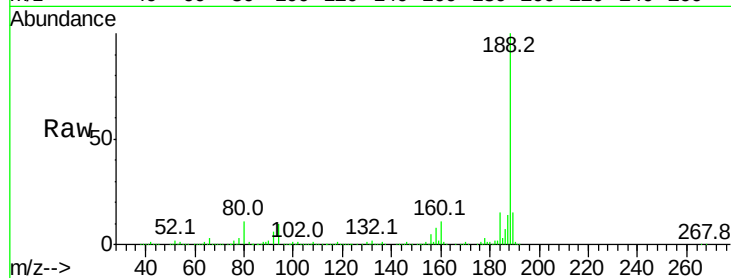




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1606
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

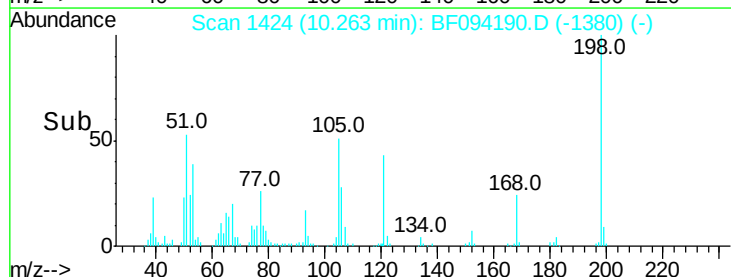
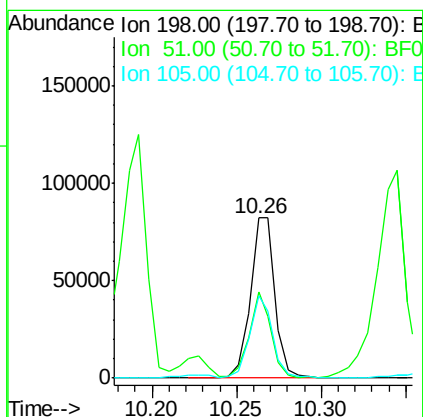
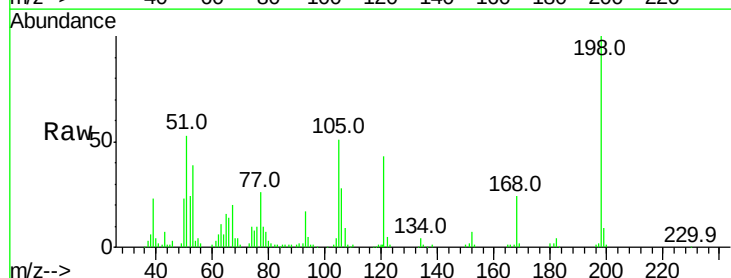
Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

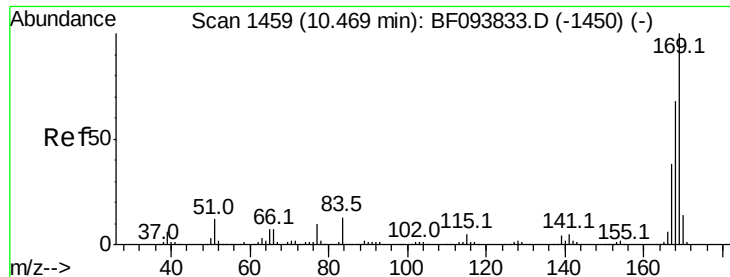
Tot Ion:188 Resp: 577820
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 11.4 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.64 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion:198 Resp: 83664
 Ion Ratio Lower Upper
 198 100
 51 53.4 53.2 93.2
 105 51.3 45.8 85.8

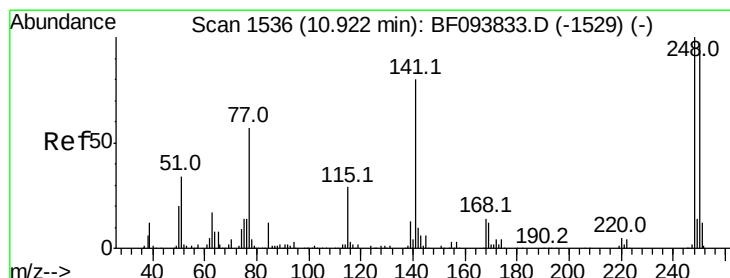
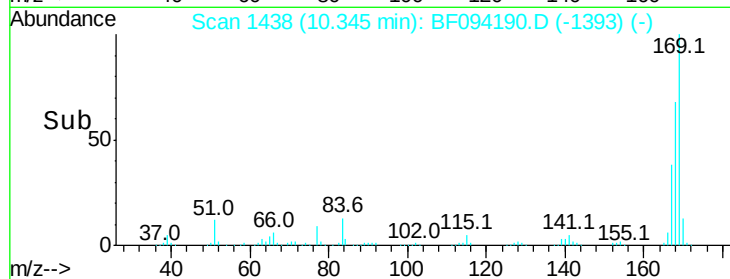
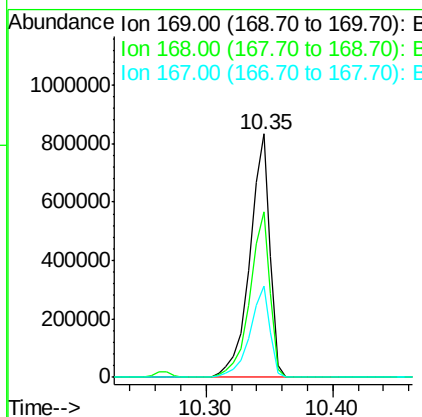
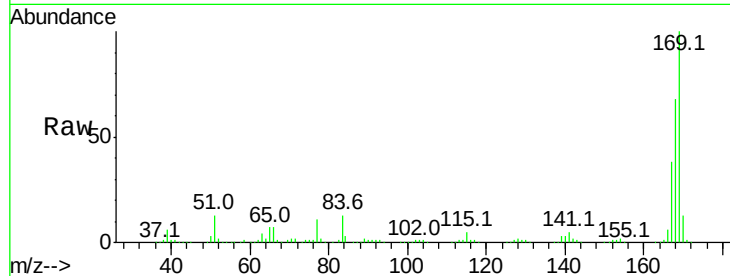




#65
 n-Nitrosodiphenylamine
 Concen: 45.99 ng
 RT: 10.35 min Scan# 1438
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

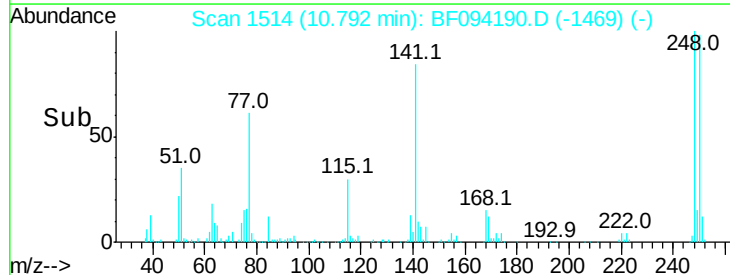
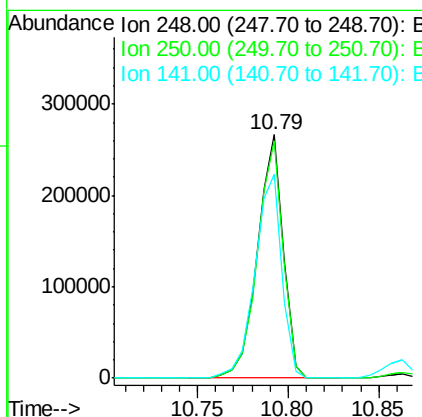
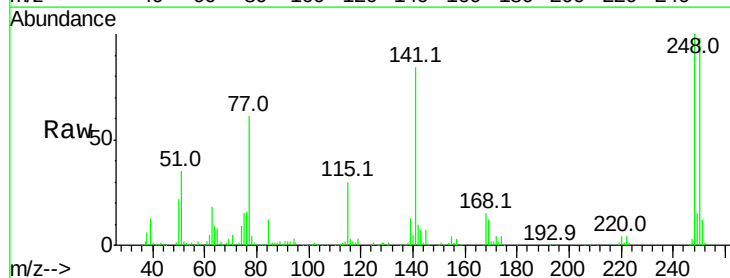
Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

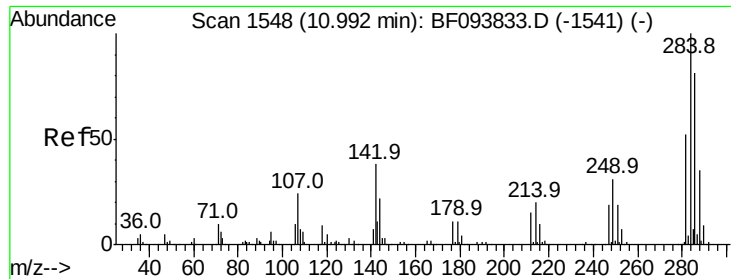
Tot Ion:169 Resp: 918978
 Ion Ratio Lower Upper
 169 100
 168 68.2 53.2 79.8
 167 37.6 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 46.17 ng
 RT: 10.79 min Scan# 1514
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion:248 Resp: 262399
 Ion Ratio Lower Upper
 248 100
 250 97.7 76.8 115.2
 141 83.9 68.6 103.0





#67

Hexachlorobenzene

Concen: 47.08 ng

RT: 10.86 min Scan# 1526

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

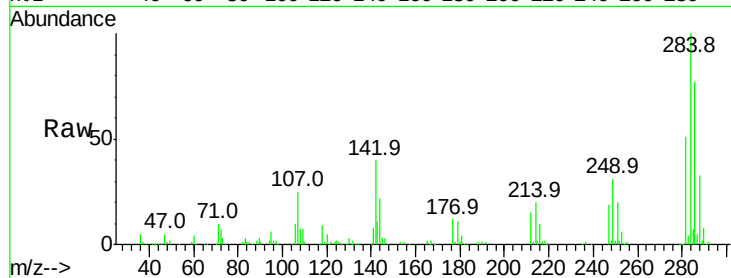
Tot Ion:284 Resp: 270836

Ion Ratio Lower Upper

284 100

142 40.2 22.8 34.2#

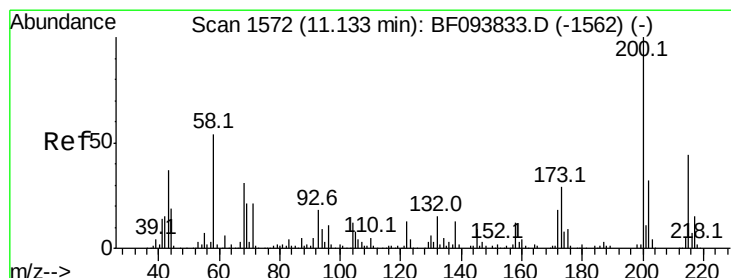
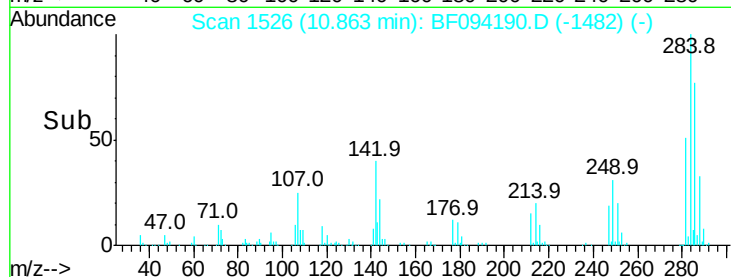
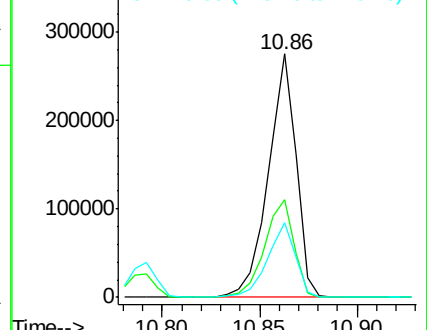
249 30.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.46 ng

RT: 11.02 min Scan# 1552

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

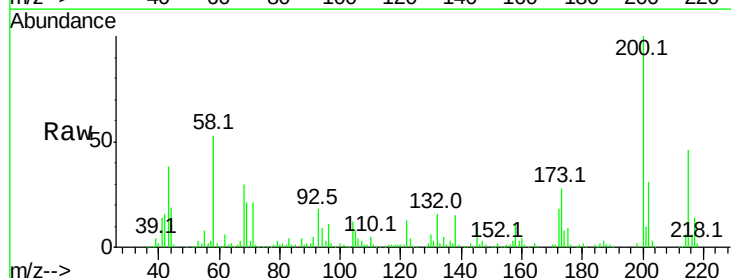
Tgt Ion:200 Resp: 272110

Ion Ratio Lower Upper

200 100

173 28.4 6.3 46.3

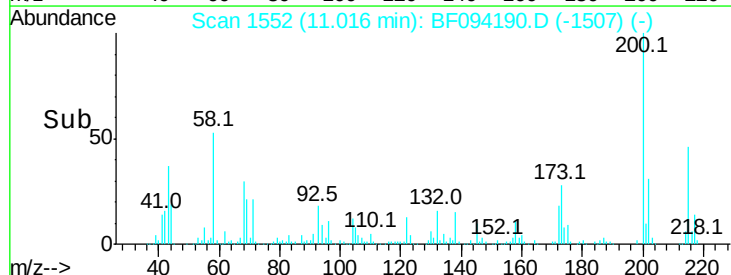
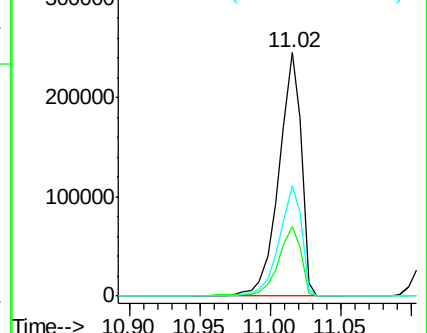
215 45.6 27.2 67.2

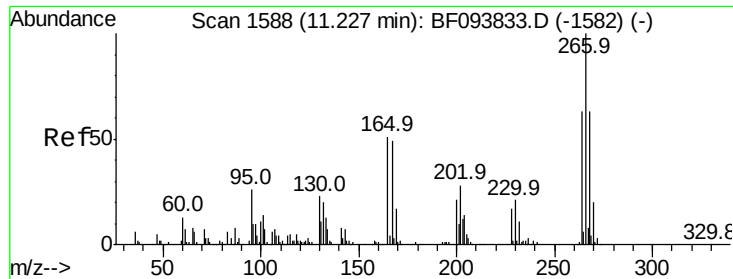


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 54.57 ng

RT: 11.11 min Scan# 1568

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

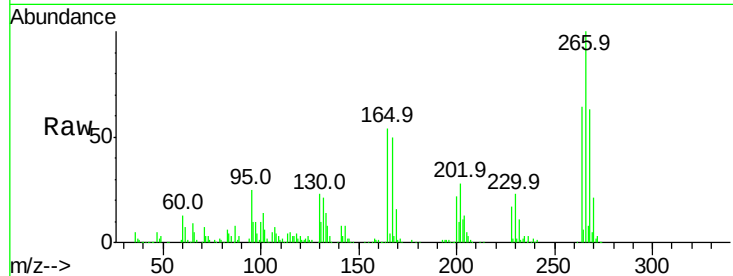
Tot Ion:266 Resp: 195404

Ion Ratio Lower Upper

266 100

268 62.9 51.1 76.7

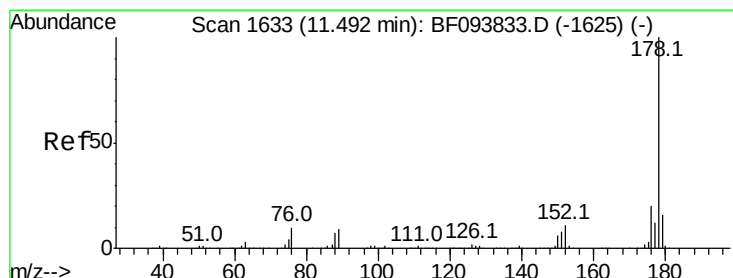
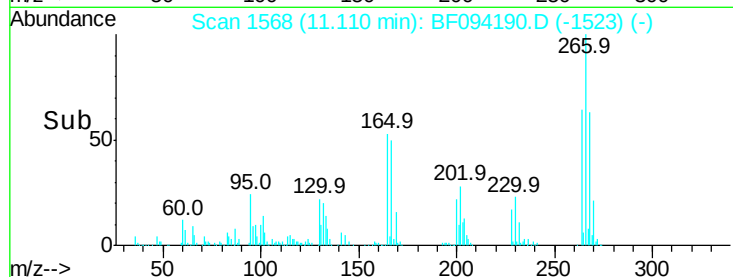
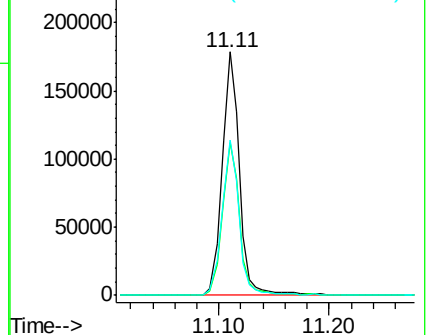
264 64.0 51.7 77.5



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: 44.57 ng

RT: 11.36 min Scan# 1611

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

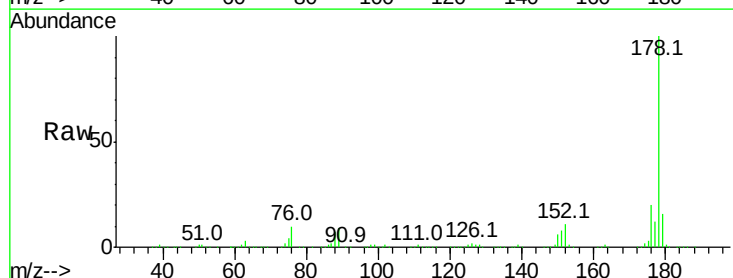
Tgt Ion:178 Resp: 1432670

Ion Ratio Lower Upper

178 100

176 20.1 16.2 24.4

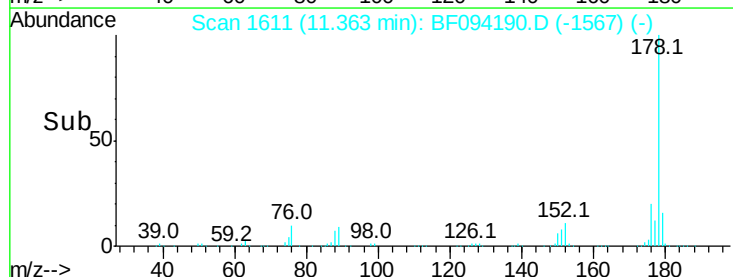
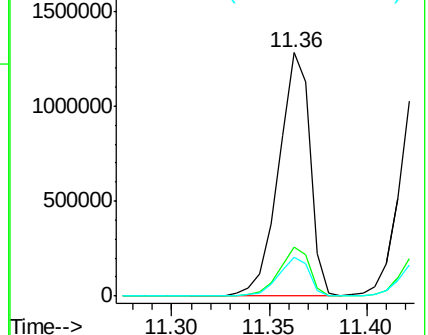
179 16.1 12.6 19.0

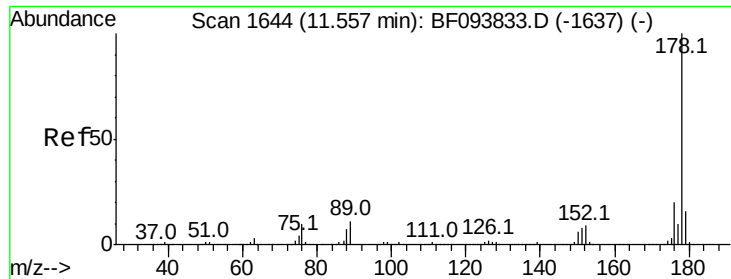


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

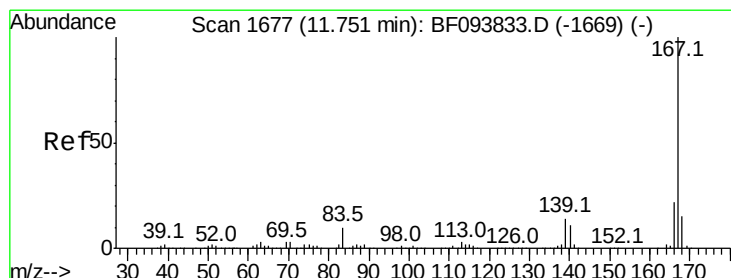
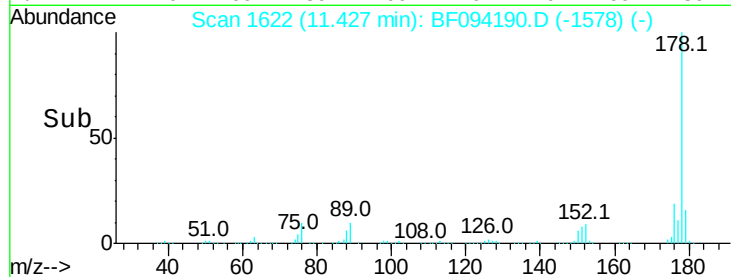
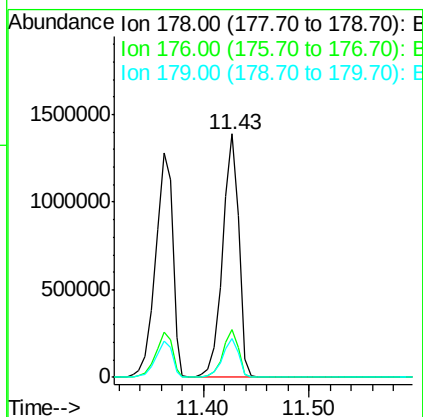
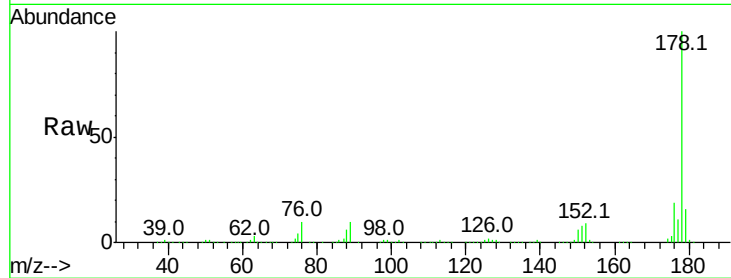




#71
 Anthracene
 Concen: 45.07 ng
 RT: 11.43 min Scan# 1622
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

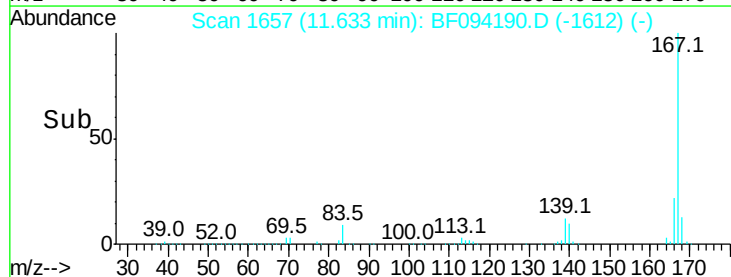
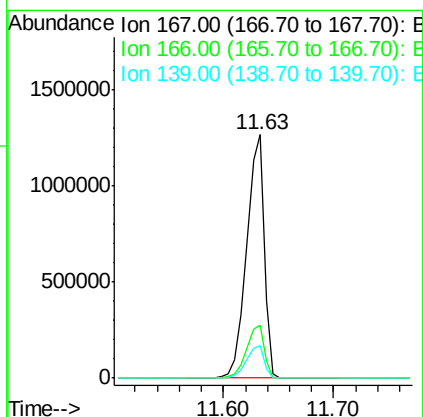
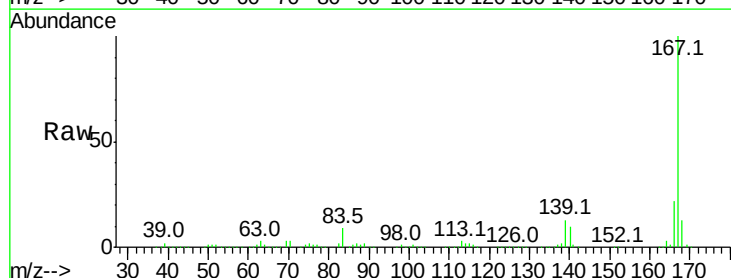
Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

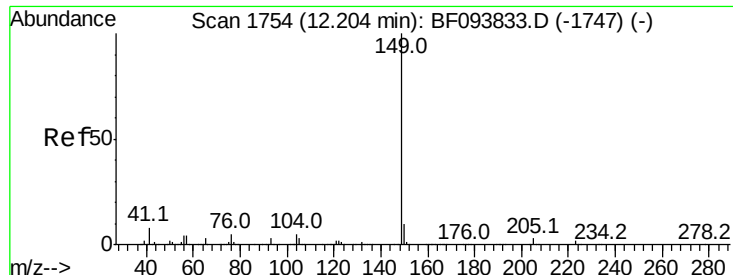
Tot Ion:178 Resp: 1491598
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 41.95 ng
 RT: 11.63 min Scan# 1657
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion:167 Resp: 1423557
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.4 11.7 17.5

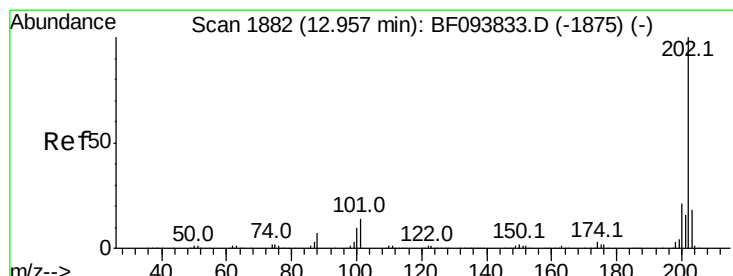
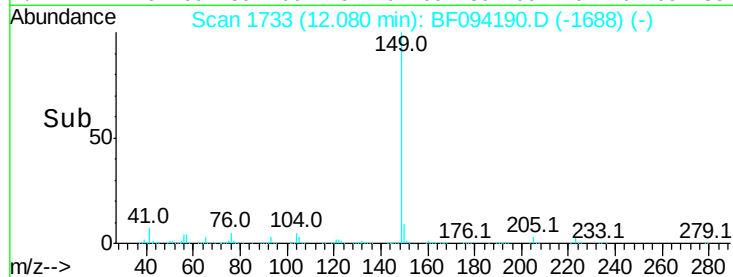
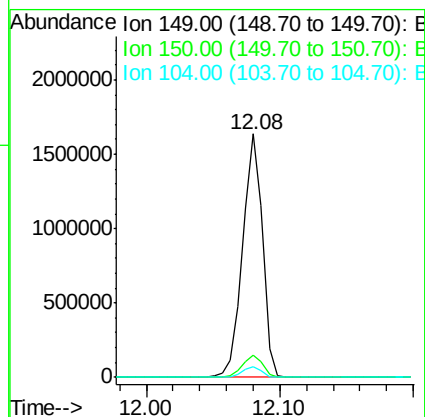
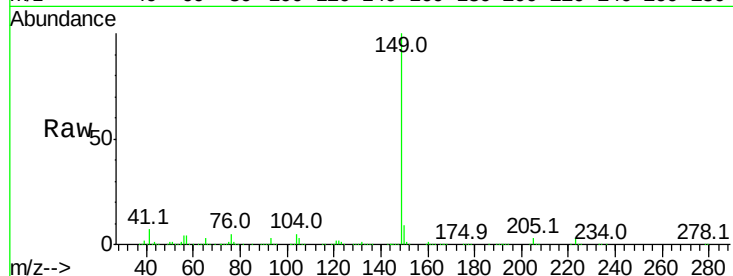




#73
Di-n-butylphthalate
Concen: 47.77 ng
RT: 12.08 min Scan# 1733
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

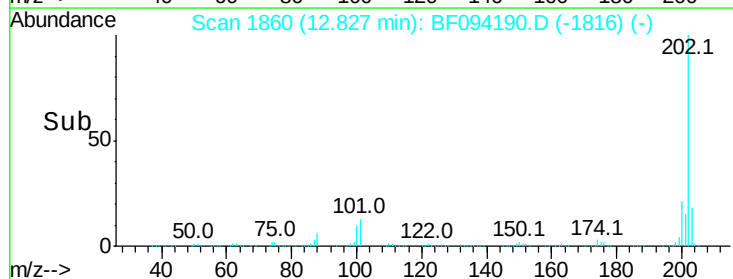
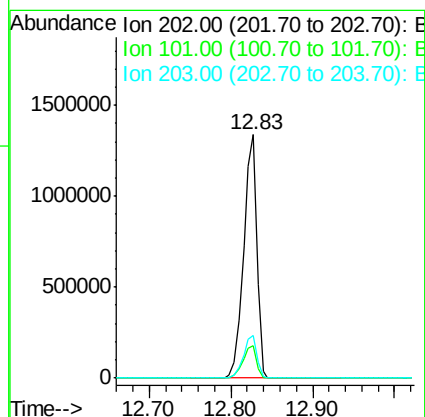
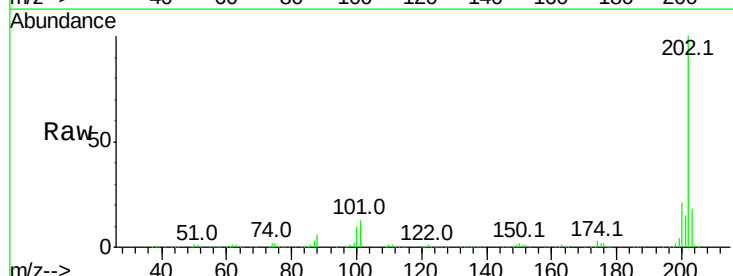
Instrument :
BNA_F
ClientSampleId :
PB98041BS

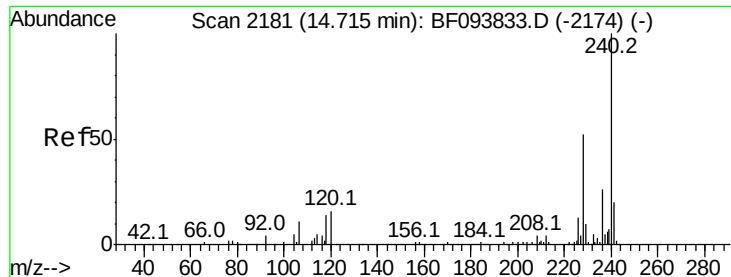
Tot Ion:149 Resp: 1686120
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.6 4.0 6.0



#74
Fluoranthene
Concen: 45.49 ng
RT: 12.83 min Scan# 1860
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion:202 Resp: 1497276
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.2
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.59 min Scan# 2159

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

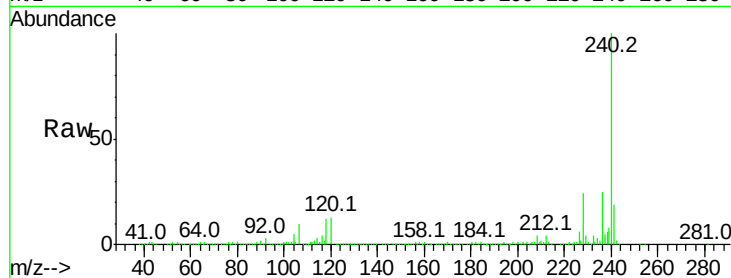
Tot Ion:240 Resp: 450817

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

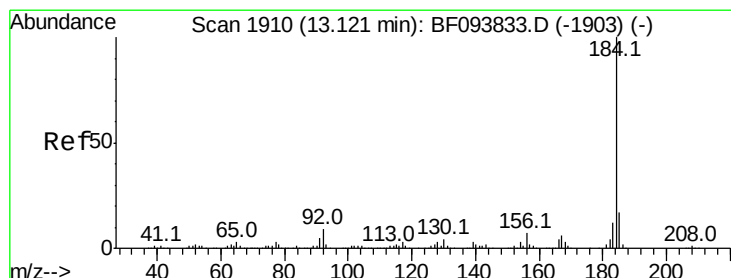
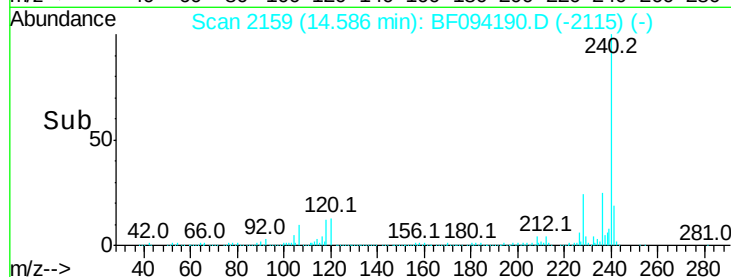
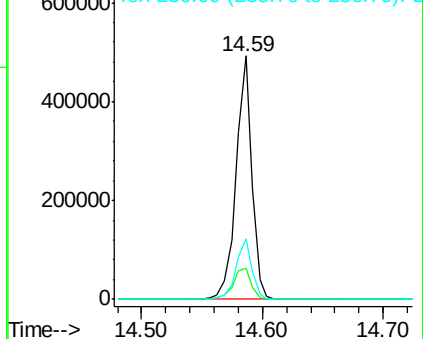
236 24.6 20.5 30.7



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: 37.46 ng

RT: 12.99 min Scan# 1888

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

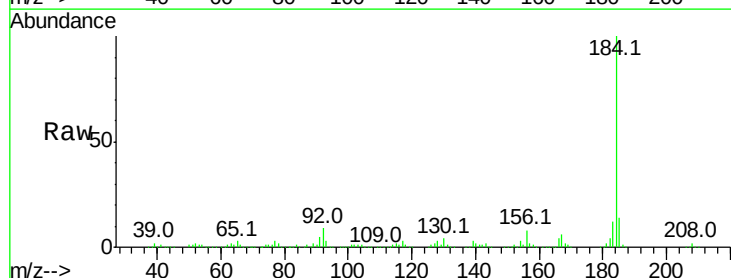
Tgt Ion:184 Resp: 668307

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

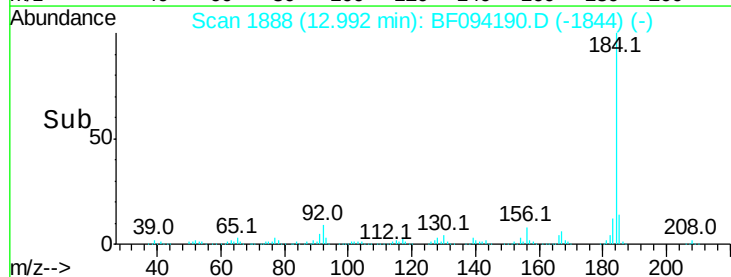
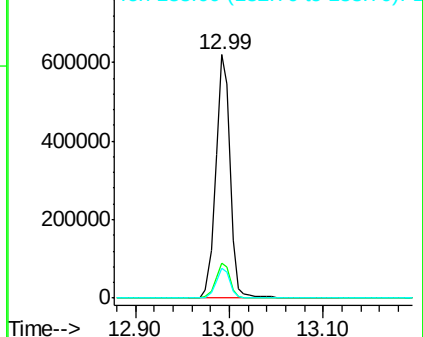
183 12.2 9.8 14.6

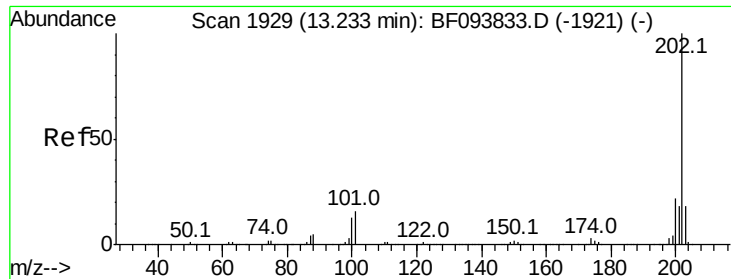


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



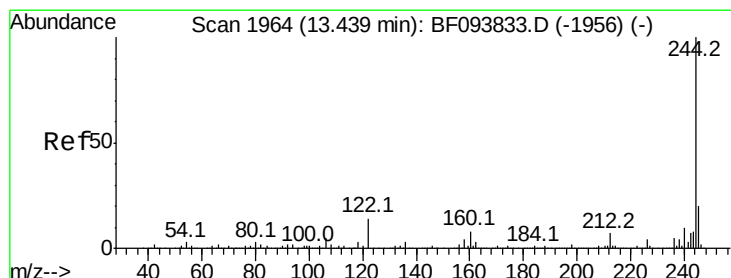
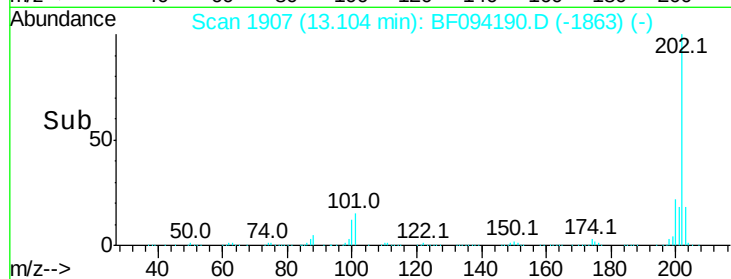
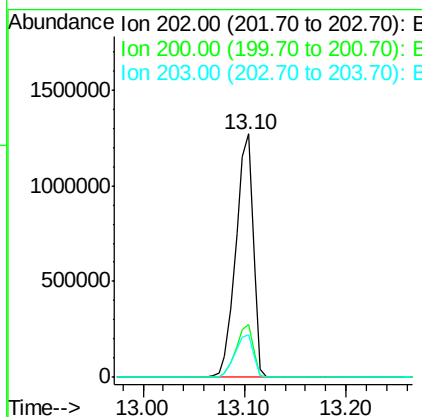
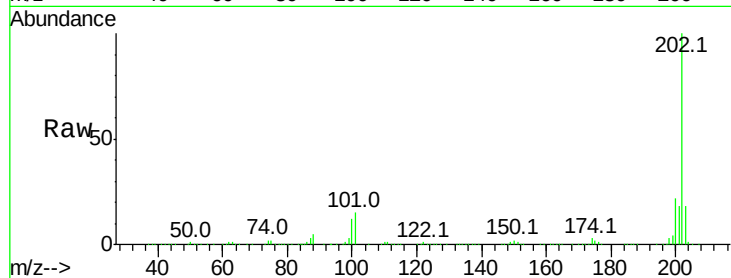


#77
 Pvrene
 Concen: 46.17 ng
 RT: 13.10 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

Tot Ion:202 Resp: 1510654

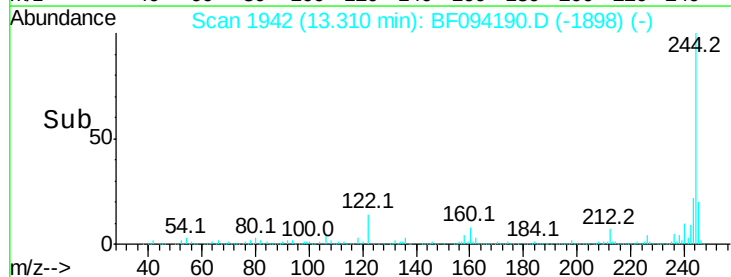
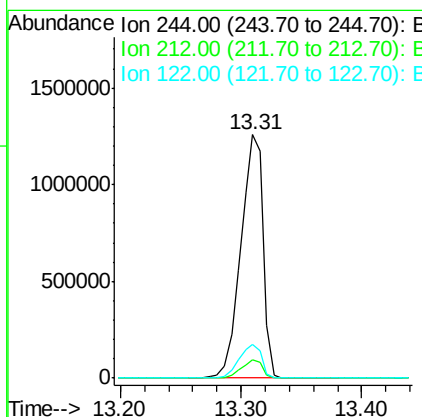
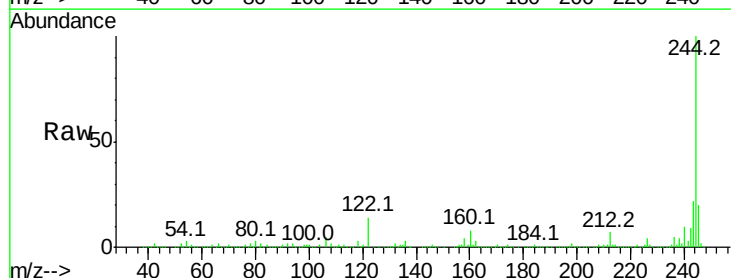
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.6	14.4	21.6

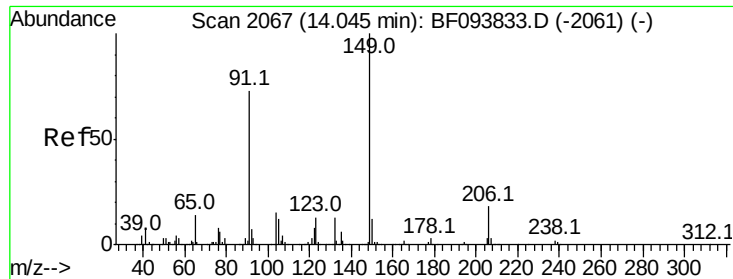


#78
 Terphenyl-d14
 Concen: 80.00 ng
 RT: 13.31 min Scan# 1942
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion:244 Resp: 1609081

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.9	10.3	15.5

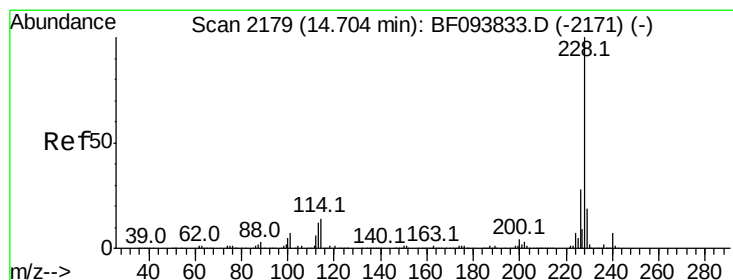
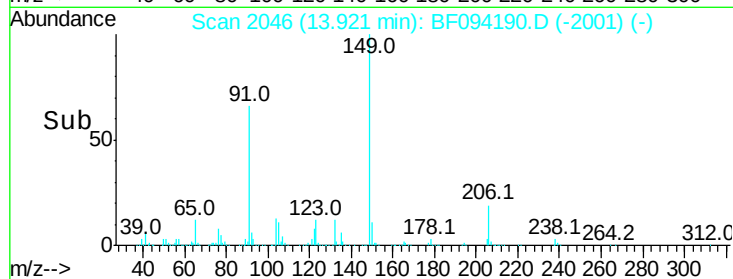
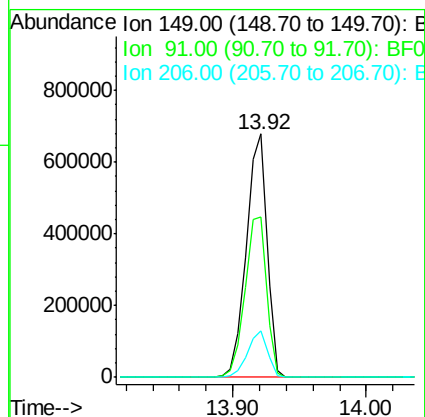
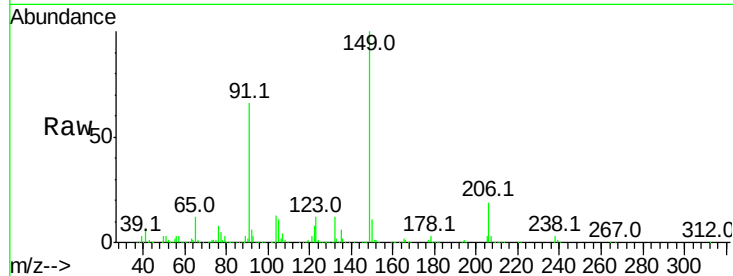




#79
Butylbenzylphthalate
Concen: 51.94 ng
RT: 13.92 min Scan# 2046
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

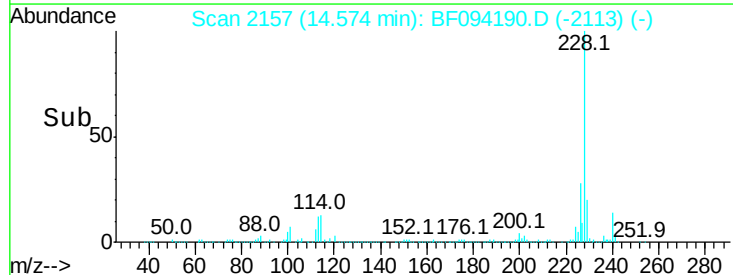
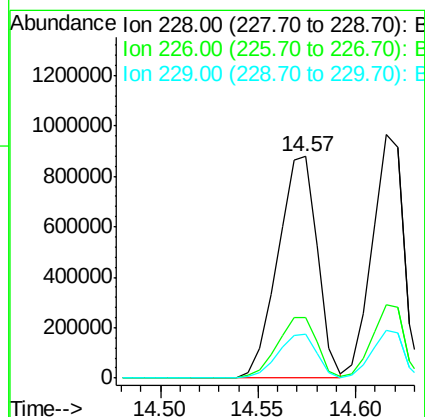
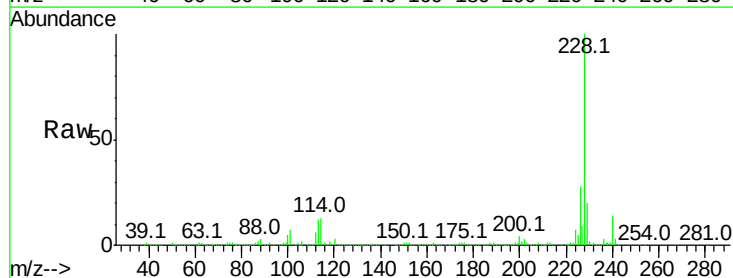
Instrument :
BNA_F
ClientSampleId :
PB98041BS

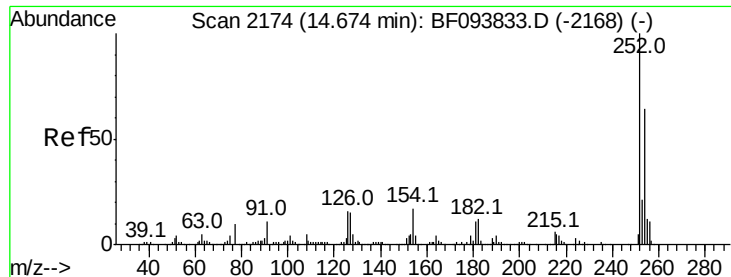
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.9	45.0	67.4
206	19.0	17.0	25.6



#80
Benzo(a)anthracene
Concen: 46.68 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.7	16.3	24.5

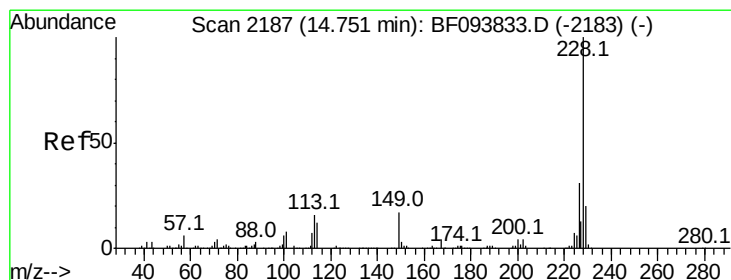
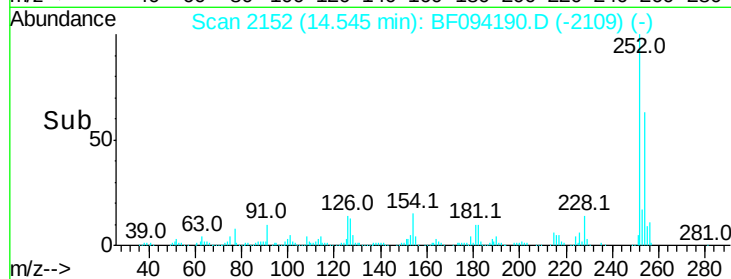
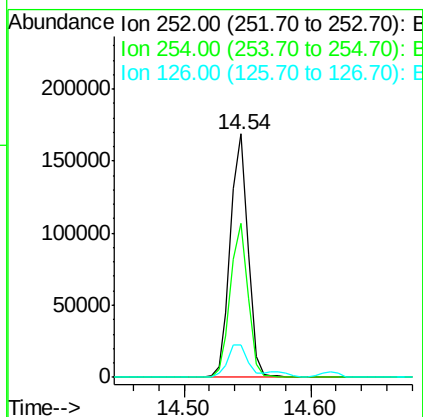
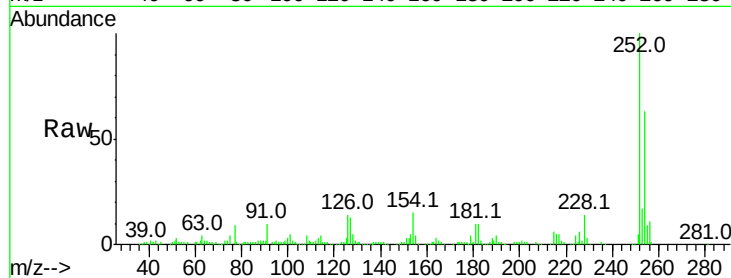




#81
 3,3'-Dichlorobenzidine
 Concen: 17.33 ng
 RT: 14.54 min Scan# 2152
 Delta R.T. -0.05 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

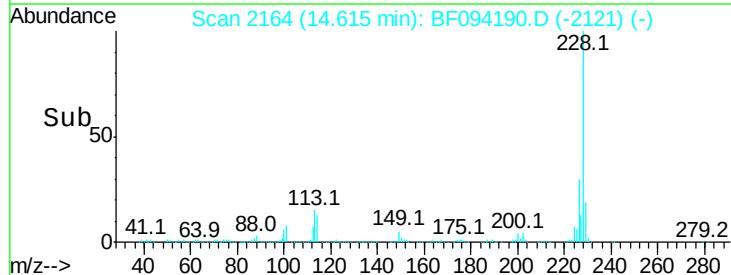
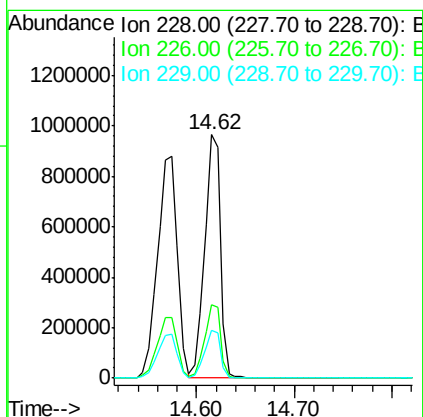
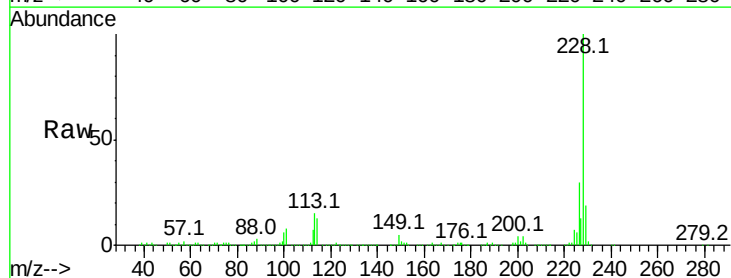
Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

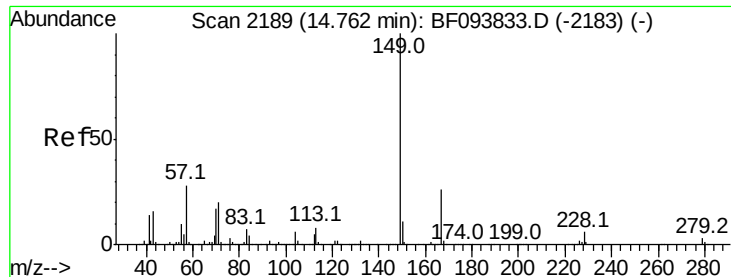
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.5	77.3
126	13.5	15.8	23.8



#82
 Chrysene
 Concen: 44.19 ng
 RT: 14.62 min Scan# 2164
 Delta R.T. -0.05 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.4	15.8	23.6

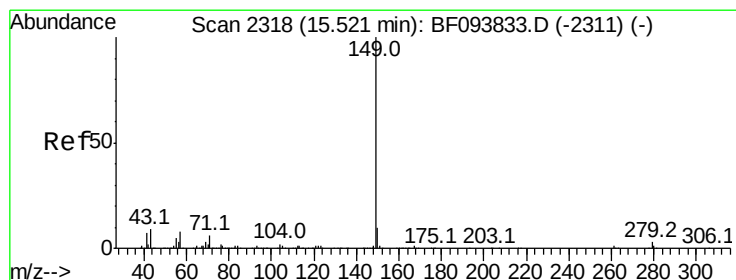
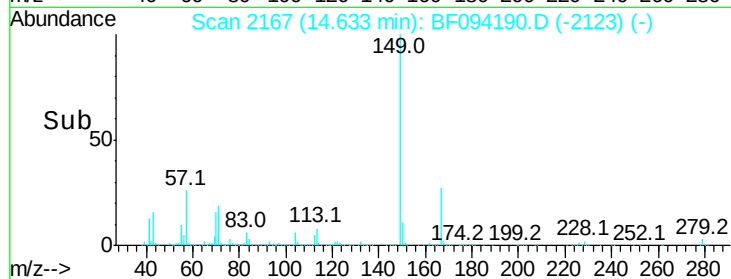
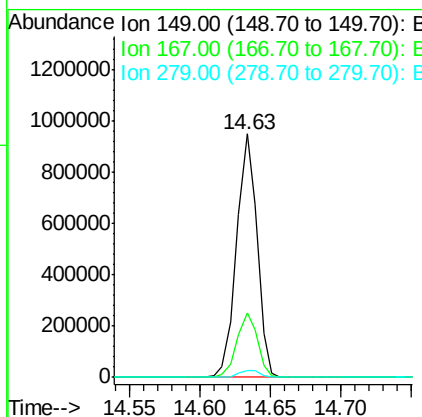
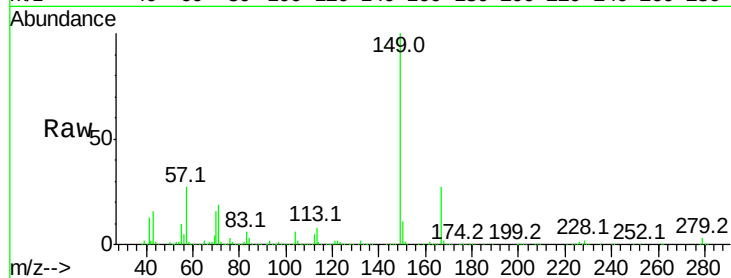




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.62 ng
 RT: 14.63 min Scan# 2167
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

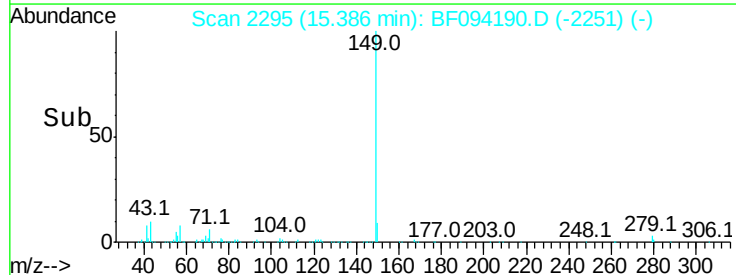
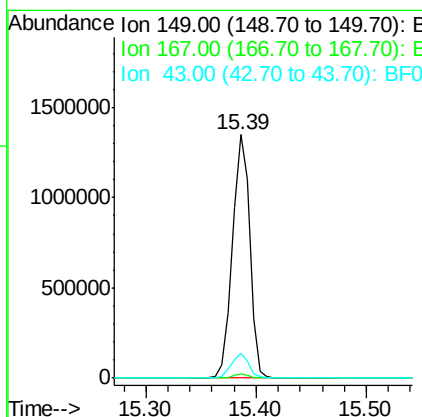
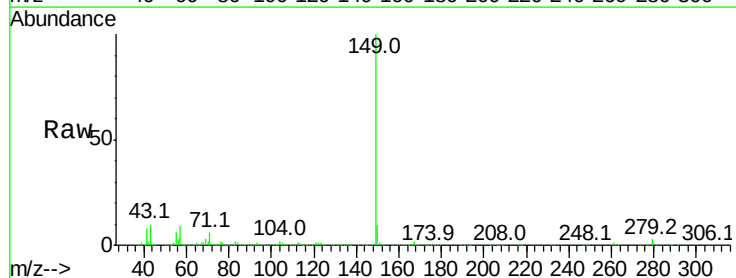
Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

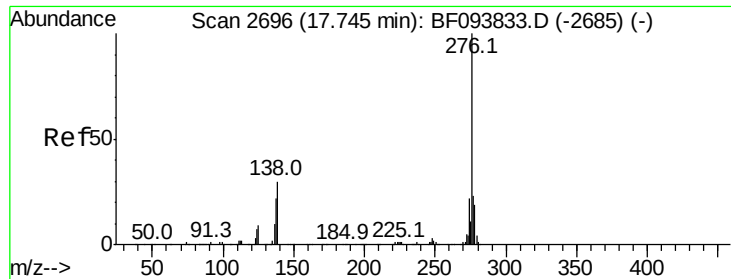
Tot Ion:149 Resp: 962749
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 47.03 ng
 RT: 15.39 min Scan# 2295
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion:149 Resp: 1494168
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.7 8.5 12.7

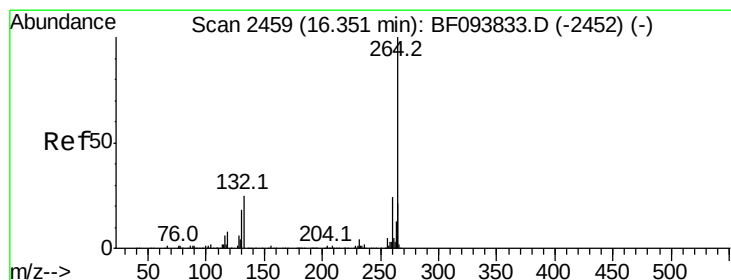
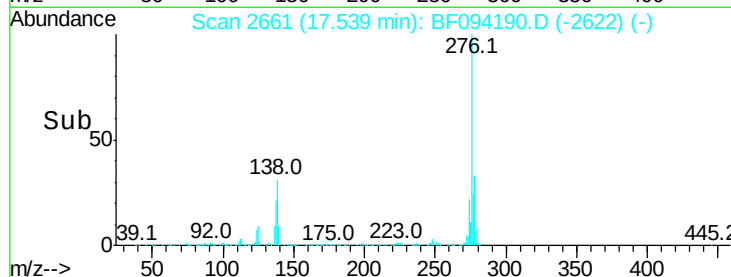
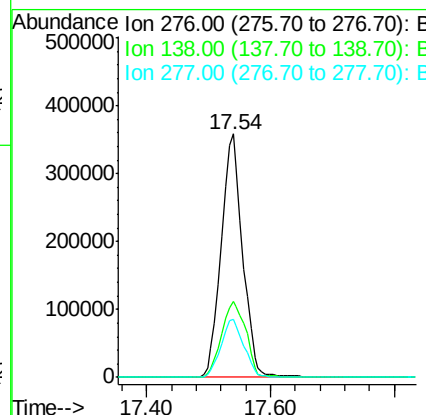
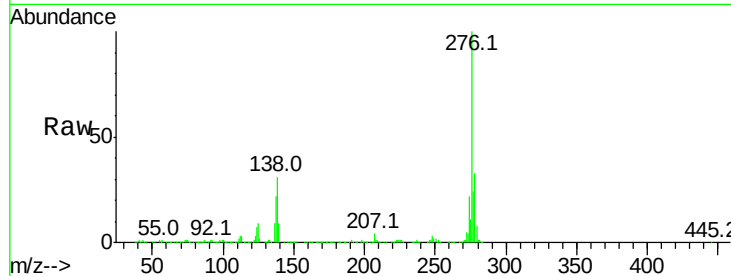




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.99 ng
 RT: 17.54 min Scan# 2661
 Delta R.T. -0.07 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

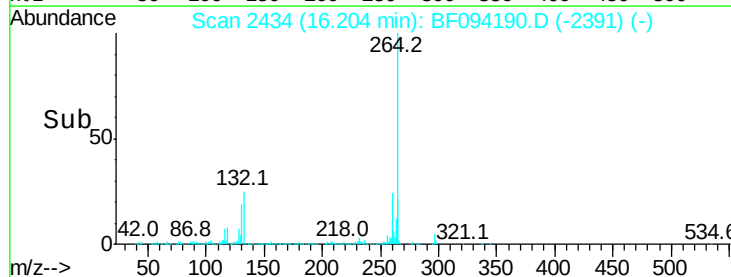
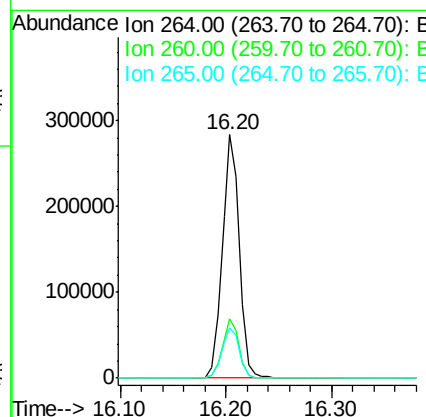
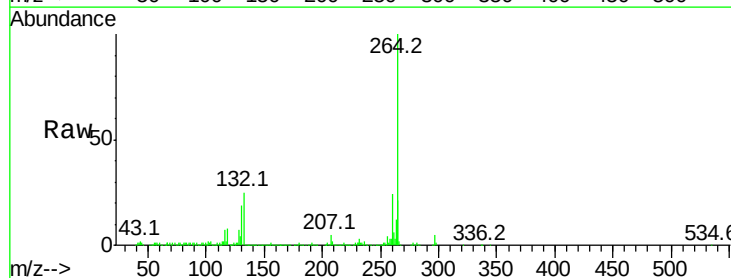
Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

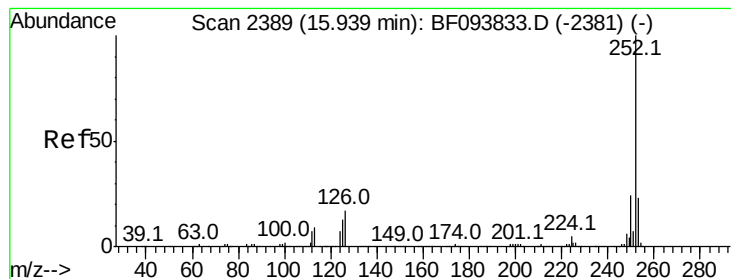
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	25.4	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.20 min Scan# 2434
 Delta R.T. -0.05 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

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





#87

Benzo(b)fluoranthene

Concen: 47.48 ng

RT: 15.80 min Scan# 2366

Delta R.T. -0.05 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

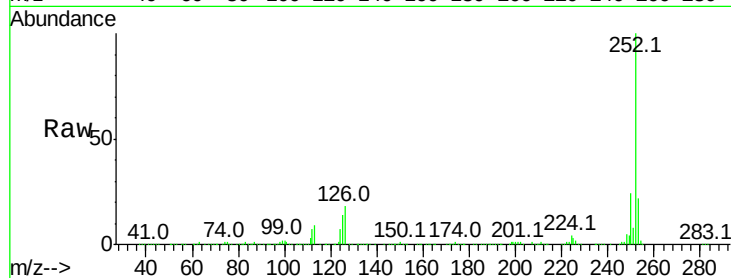
Tot Ion:252 Resp: 937526

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

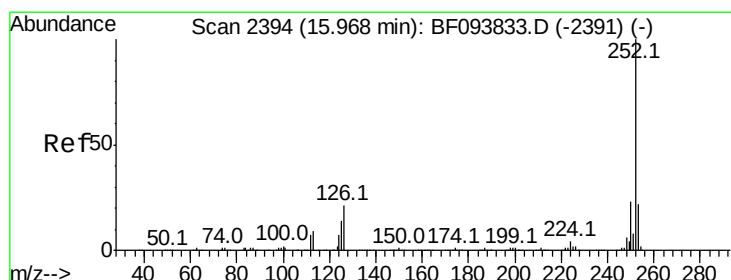
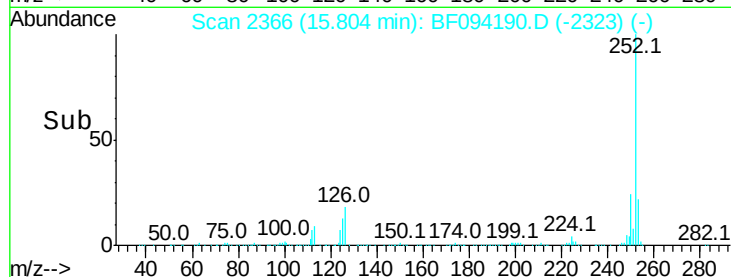
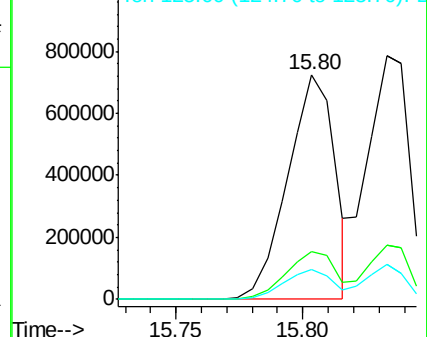
125 13.6 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.91 ng

RT: 15.83 min Scan# 2371

Delta R.T. -0.05 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

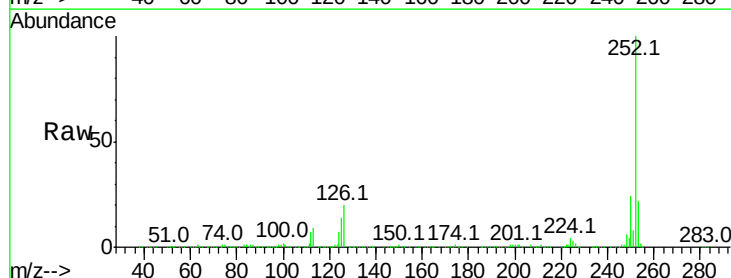
Tgt Ion:252 Resp: 925576

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

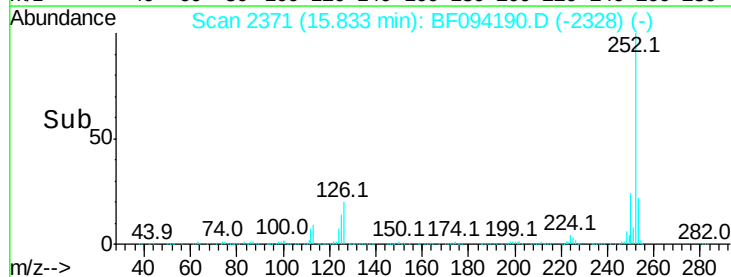
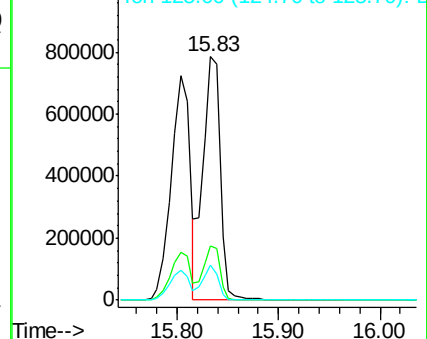
125 14.2 13.1 19.7

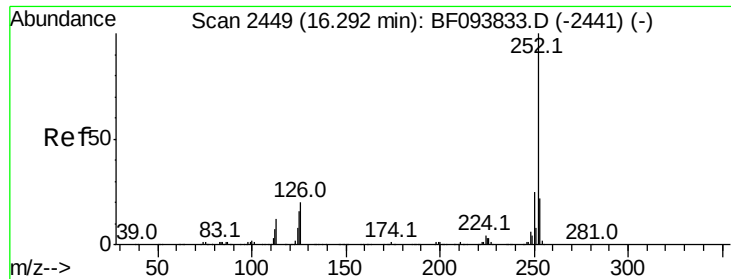


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

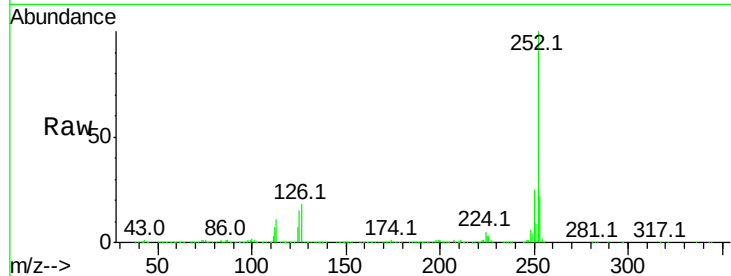




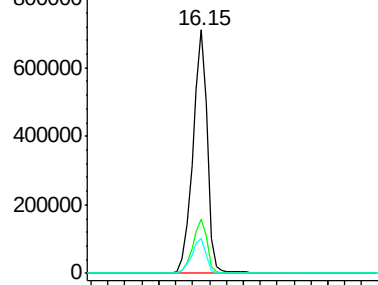
#89
Benzo(a)pyrene
Concen: 46.85 ng
RT: 16.15 min Scan# 2425
Delta R.T. -0.05 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

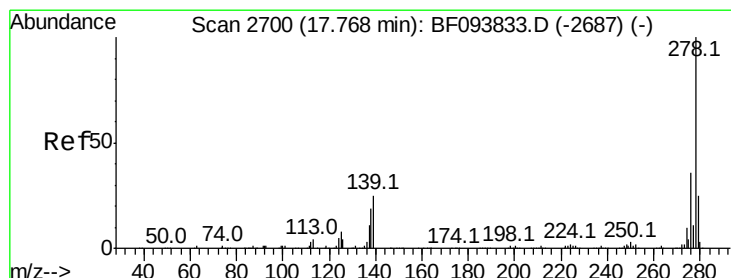
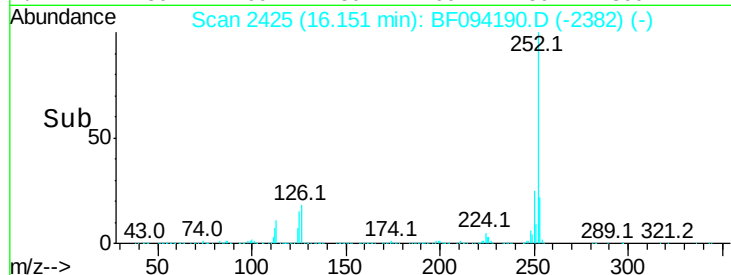
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.6	11.0	16.4



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

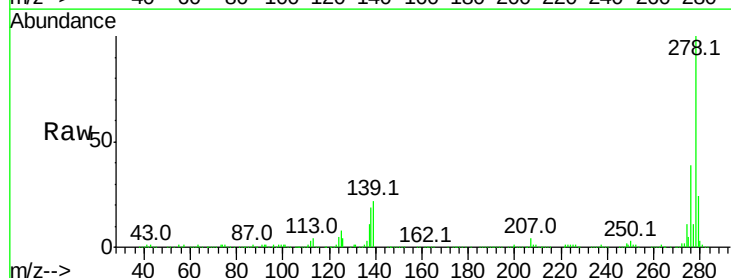


Time-->

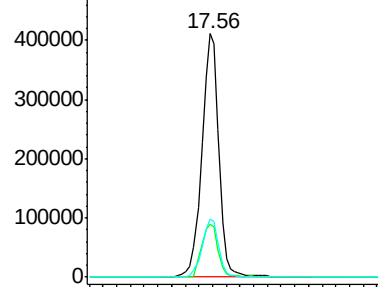


#90
Dibenzo(a,h)anthracene
Concen: 46.28 ng
RT: 17.56 min Scan# 2664
Delta R.T. -0.08 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

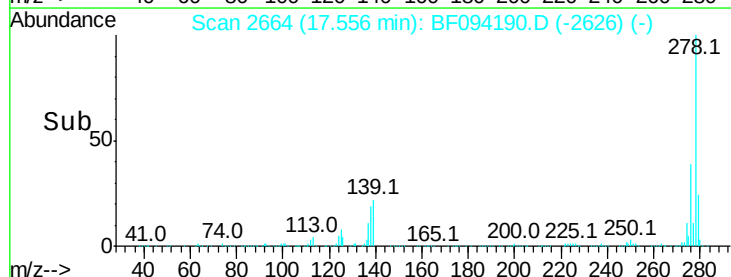
Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.6	24.8
279	23.9	19.3	28.9

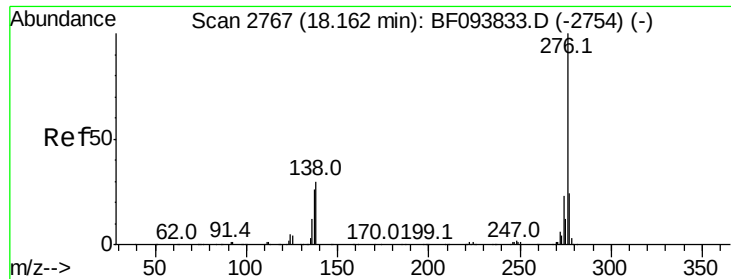


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(a,h,i)perylene

Concen: 46.87 ng

RT: 17.93 min Scan# 2728

Delta R.T. -0.08 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

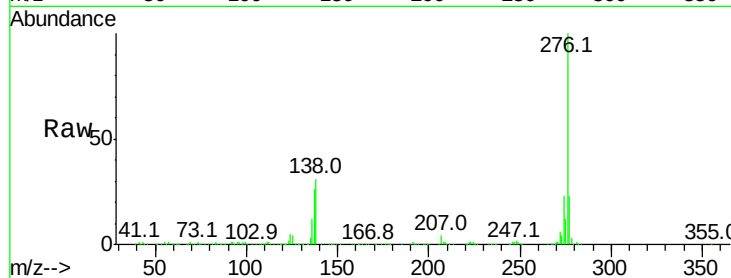
Tot Ion:276 Resp: 727410

Ion Ratio Lower Upper

276 100

277 22.9 18.6 28.0

138 31.2 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

