

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040417\
 Data File : BF094171.D
 Acq On : 4 Apr 2017 17:07
 Operator : SJ/MA
 Sample : PB98028BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98028BS

Quant Time: Apr 05 00:56:17 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	5.88	152	163333	20.00	ng	-0.02
21) Naphthalene-d8	7.38	136	662369	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	304803	20.00	ng	-0.03
63) Phenanthrene-d10	11.35	188	551742	20.00	ng	-0.02
75) Chrysene-d12	14.60	240	416667	20.00	ng	-0.02
86) Perylene-d12	16.23	264	283134	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.42	112	1167638	120.74	ng	-0.01
7) Phenol-d6	5.49	99	1468542	122.76	ng	-0.02
23) Nitrobenzene-d5	6.53	82	904910	77.97	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	335470	139.28	ng	-0.02
44) 2-Fluorobiphenyl	8.71	172	1713420	85.74	ng	-0.02
78) Terphenyl-d14	13.33	244	1486249	79.95	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.28	88	152020	32.72	ng	98
3) Pyridine	2.76	79	453957	35.85	ng	98
4) n-Nitrosodimethylamine	2.73	42	198953	38.19	ng	89
6) Aniline	5.50	93	267427	16.07	ng	# 1
8) 2-Chlorophenol	5.65	128	449257	42.27	ng	96
9) Benzaldehyde	5.37	77	240581	29.78	ng	96
10) Phenol	5.50	94	518508	38.09	ng	95
11) bis(2-Chloroethyl)ether	5.59	93	411839	38.71	ng	99
12) 1,3-Dichlorobenzene	5.81	146	473117	39.68	ng	97
13) 1,4-Dichlorobenzene	5.90	146	479479	39.71	ng	97
14) 1,2-Dichlorobenzene	6.07	146	441930	39.74	ng	97
15) Benzyl Alcohol	6.05	79	360342	41.15	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.21	45	583688	35.60	ng	97
17) 2-Methylphenol	6.19	107	371745	40.84	ng	97
18) Hexachloroethane	6.47	117	166150	39.14	ng	# 87
19) n-Nitroso-di-n-propylamine	6.36	70	312194	40.60	ng	99
20) 3+4-Methylphenols	6.37	107	485556	44.04	ng	# 63
22) Acetophenone	6.35	105	621953	42.13	ng	# 86
24) Nitrobenzene	6.55	77	455560	39.80	ng	95
25) Isophorone	6.84	82	814474	39.94	ng	95
26) 2-Nitrophenol	6.93	139	250467	45.88	ng	98
27) 2,4-Dimethylphenol	7.00	122	413516	43.96	ng	99
28) bis(2-Chloroethoxy)methane	7.10	93	537471	39.96	ng	99
29) 2,4-Dichlorophenol	7.23	162	390148	44.36	ng	99
30) 1,2,4-Trichlorobenzene	7.32	180	371650	41.03	ng	99
31) Naphthalene	7.41	128	1263873	39.68	ng	100
32) Benzoic acid	7.15	122	230353	36.79	ng	96
33) 4-Chloroaniline	7.47	127	122957	9.53	ng	# 91
34) Hexachlorobutadiene	7.56	225	185016	39.83	ng	97
35) Caprolactam	7.92	113	68132	24.29	ng	94
36) 4-Chloro-3-methylphenol	8.10	107	414695	45.13	ng	90
37) 2-Methylnaphthalene	8.25	142	893122	42.07	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.46	216	328452	39.39	ng	99
40) Hexachlorocyclopentadiene	8.45	237	313131	80.25	ng	99

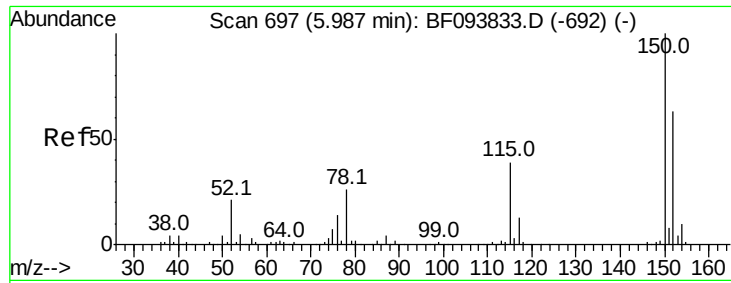
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.60	196	265203	44.96	nq	100
43) 2,4,5-Trichlorophenol	8.66	196	265267	41.56	nq	94
45) 1,1'-Biphenyl	8.83	154	993437	40.41	nq	98
46) 2-Chloronaphthalene	8.85	162	789951	41.05	nq	95
47) 2-Nitroaniline	8.97	65	242456	42.47	nq	# 81
48) Acenaphthylene	9.35	152	1258678	39.35	nq	100
49) Dimethylphthalate	9.22	163	948300	43.77	nq	99
50) 2,6-Dinitrotoluene	9.28	165	216157	43.52	nq	91
51) Acenaphthene	9.57	154	749499	40.16	nq	99
52) 3-Nitroaniline	9.47	138	85743	14.70	nq	94
53) 2,4-Dinitrophenol	9.62	184	193418	73.19	nq	# 73
54) Dibenzofuran	9.78	168	1080906	42.55	nq	100
55) 4-Nitrophenol	9.73	139	331130	72.50	nq	# 64
56) 2,4-Dinitrotoluene	9.77	165	269661	43.22	nq	# 68
57) Fluorene	10.20	166	838969	39.82	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	197415	45.07	nq	98
59) Diethylphthalate	10.09	149	929669	43.41	nq	99
60) 4-Chlorophenyl-phenylether	10.20	204	365385	40.71	nq	93
61) 4-Nitroaniline	10.24	138	228479	40.82	nq	97
62) Azobenzene	10.40	77	903603	44.61	nq	95
64) 4,6-Dinitro-2-methylphenol	10.28	198	141576	41.90	nq	# 72
65) n-Nitrosodiphenylamine	10.36	169	781735	40.97	nq	98
66) 4-Bromophenyl-phenylether	10.80	248	225529	41.56	nq	96
67) Hexachlorobenzene	10.88	284	228709	41.64	nq	# 90
68) Atrazine	11.03	200	230129	40.27	nq	97
69) Pentachlorophenol	11.13	266	222308	65.02	nq	99
70) Phenanthrene	11.38	178	1255888	40.92	nq	99
71) Anthracene	11.44	178	1294243	40.95	nq	99
72) Carbazole	11.64	167	1217833	37.58	nq	98
73) Di-n-butylphthalate	12.10	149	1484706	44.06	nq	99
74) Fluoranthene	12.84	202	1291055	41.08	nq	99
76) Benzidine	13.01	184	216733	13.14	nq	# 91
77) Pyrene	13.12	202	1308686	43.28	nq	99
79) Butylbenzylphthalate	13.94	149	621330	48.22	nq	# 87
80) Benzo(a)anthracene	14.59	228	1009650	41.55	nq	99
81) 3,3'-Dichlorobenzidine	14.56	252	205275	23.64	nq	# 97
82) Chrysene	14.64	228	900299	39.93	nq	99
83) Bis(2-ethylhexyl)phthalate	14.65	149	844317	48.03	nq	100
84) Di-n-octyl phthalate	15.40	149	1289906	43.93	nq	98
85) Indeno(1,2,3-cd)pyrene	17.57	276	730047	37.39	nq	100
87) Benzo(b)fluoranthene	15.83	252	773694	44.58	nq	98
88) Benzo(k)fluoranthene	15.86	252	719749	42.39	nq	# 95
89) Benzo(a)pyrene	16.17	252	696774	43.60	nq	99
90) Dibenzo(a,h)anthracene	17.59	278	599949	44.33	nq	97
91) Benzo(g,h,i)perylene	17.97	276	622454	45.63	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.88 min Scan# 679

Delta R.T. -0.02 min

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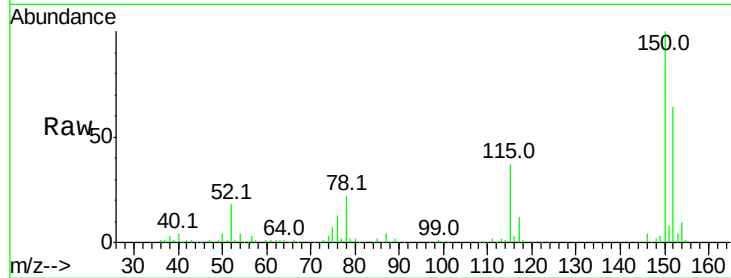
Tot Ion:152 Resp: 163333

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.2

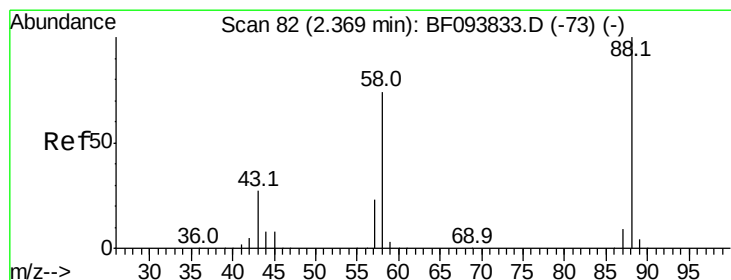
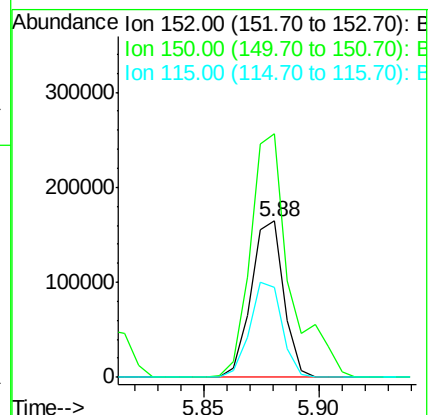
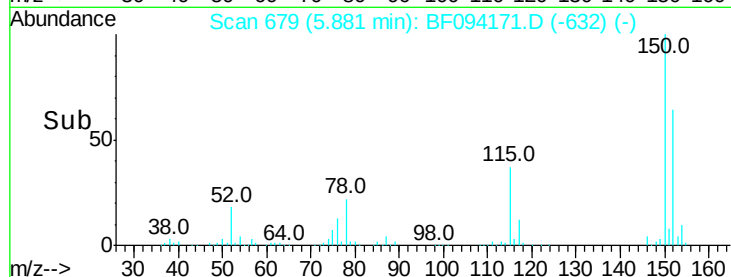
115 57.7 52.2 78.2



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: 32.72 ng

RT: 2.28 min Scan# 67

Delta R.T. 0.03 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

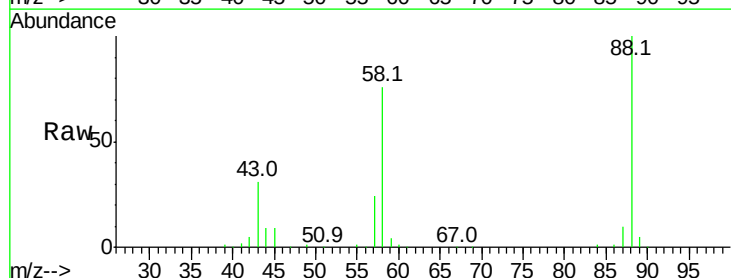
Tgt Ion: 88 Resp: 152020

Ion Ratio Lower Upper

88 100

58 74.1 61.4 92.0

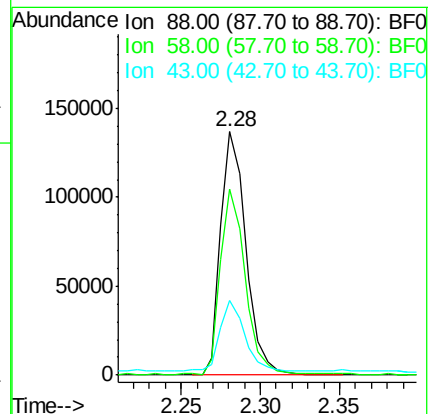
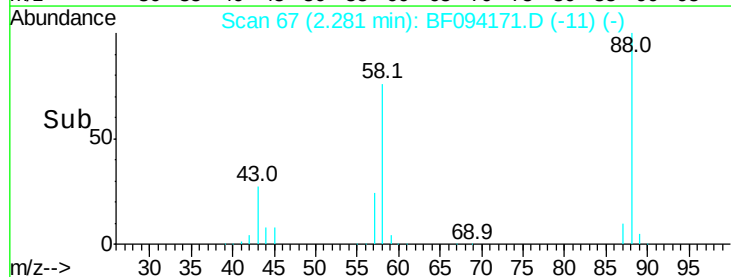
43 28.7 23.4 35.0

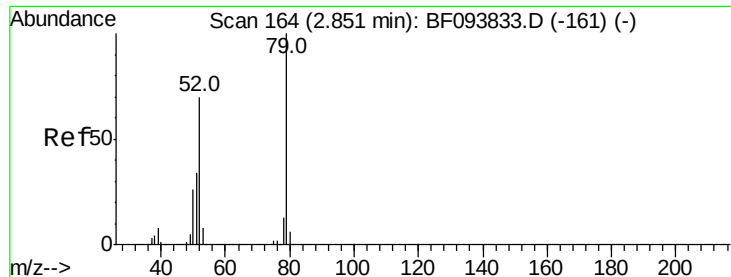


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.85 ng

RT: 2.76 min Scan# 149

Delta R.T. 0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

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PB98028BS

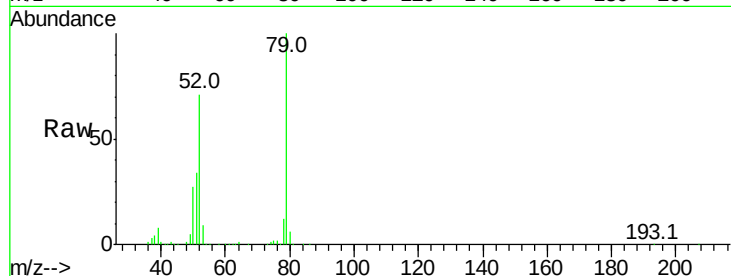
Tot Ion: 79 Resp: 453957

Ion Ratio Lower Upper

79 100

52 70.9 54.8 82.2

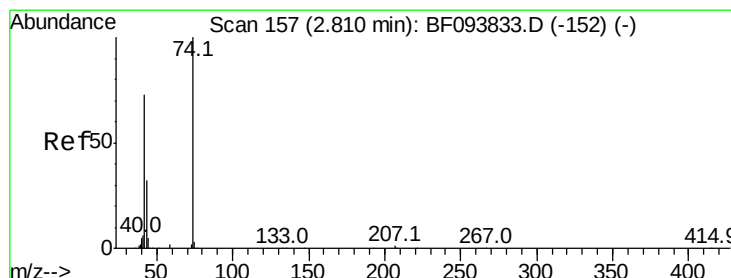
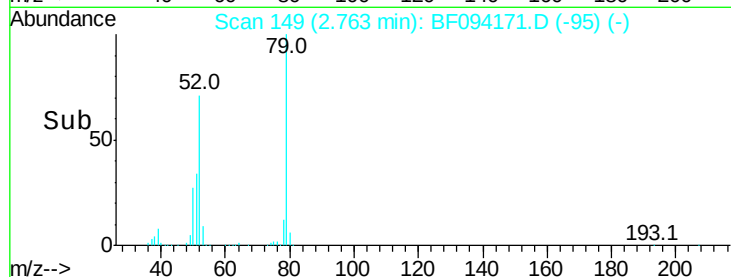
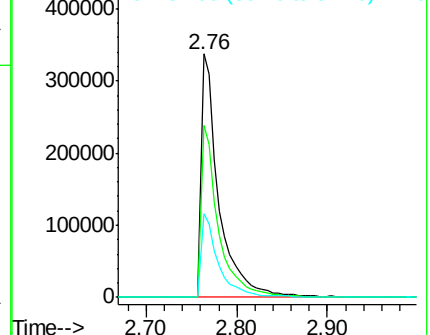
51 34.5 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.19 ng

RT: 2.73 min Scan# 143

Delta R.T. 0.01 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

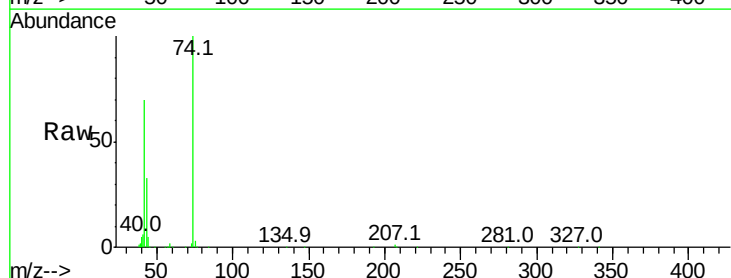
Tgt Ion: 42 Resp: 198953

Ion Ratio Lower Upper

42 100

74 143.4 103.9 155.9

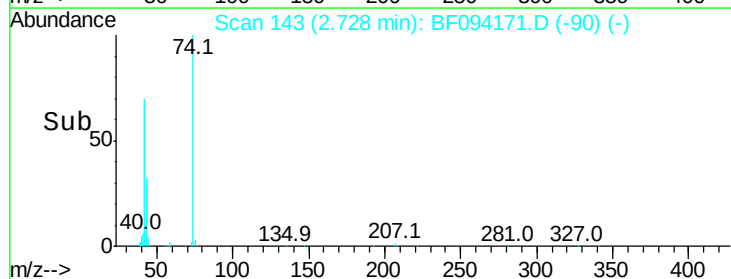
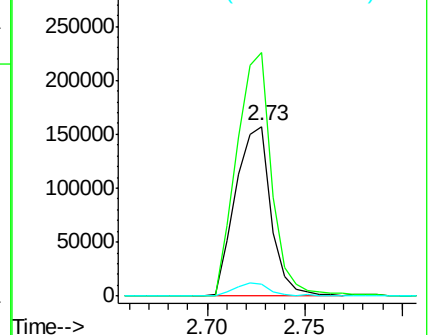
44 6.9 5.7 8.5

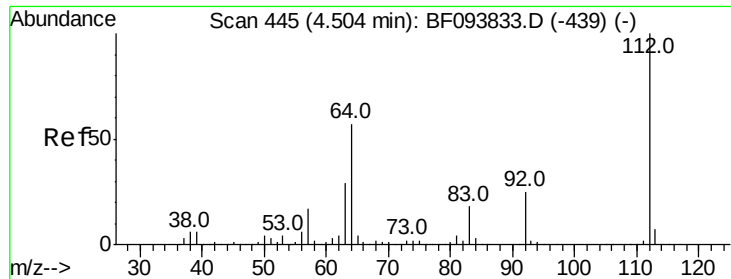


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

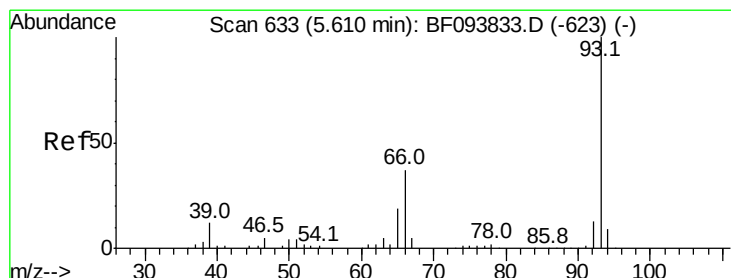
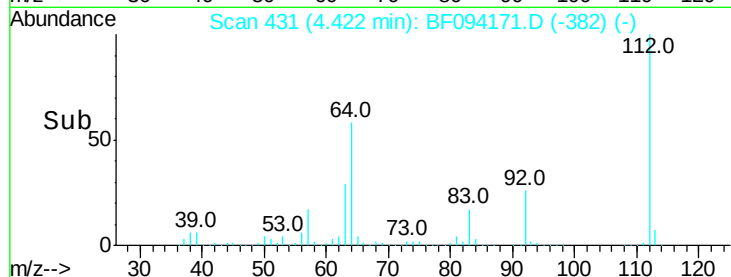
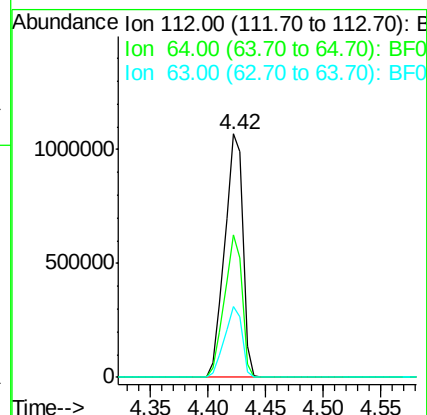
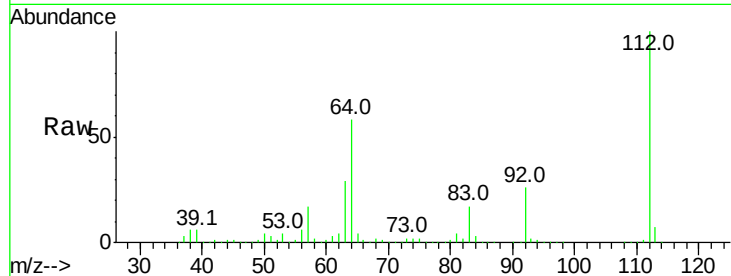




#5
 2-Fluorophenol
 Concen: 120.74 ng
 RT: 4.42 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

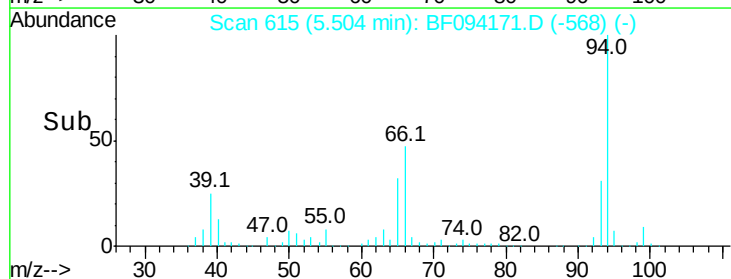
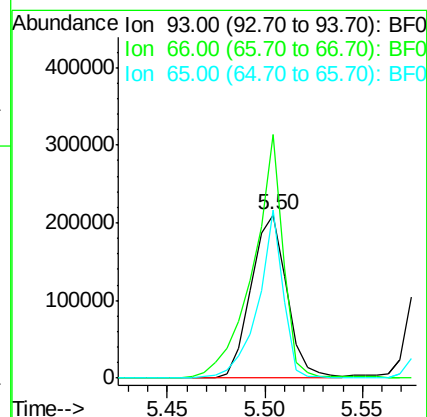
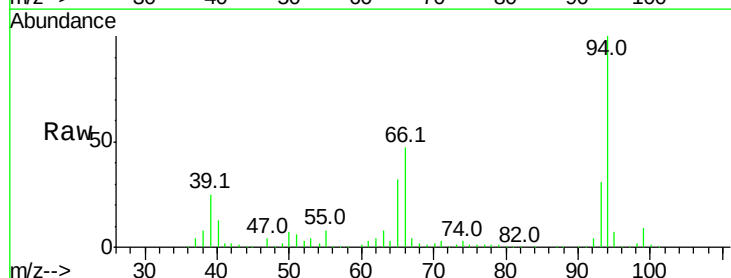
Instrument :
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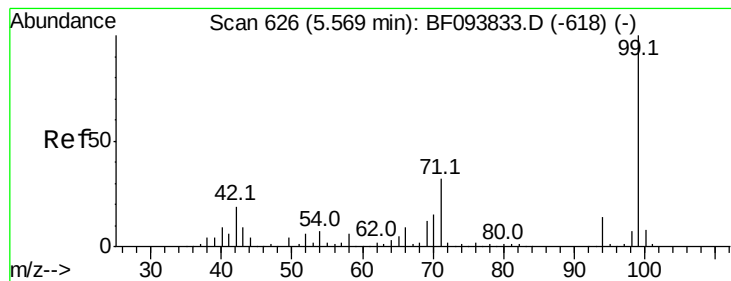
Tot Ion:112 Resp: 1167638
 Ion Ratio Lower Upper
 112 100
 64 58.5 46.0 69.0
 63 28.9 23.4 35.0



#6
 Aniline
 Concen: 16.07 ng
 RT: 5.50 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

Tgt Ion: 93 Resp: 267427
 Ion Ratio Lower Upper
 93 100
 66 149.4 32.9 49.3#
 65 102.8 16.0 24.0#





#7

Phenol-d6

Concen: 122.76 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

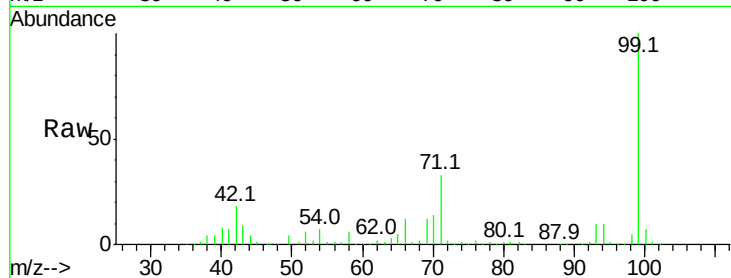
Tot Ion: 99 Resp: 1468542

Ion Ratio Lower Upper

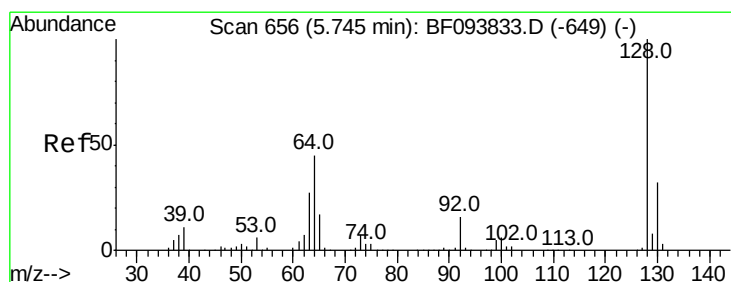
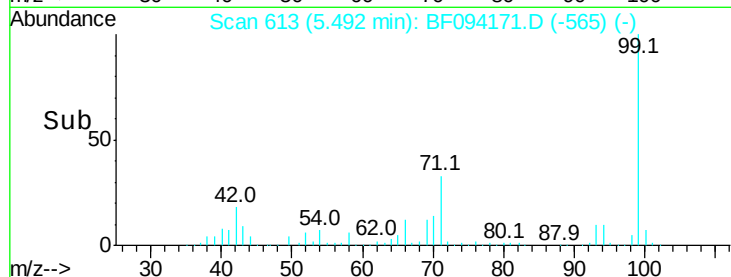
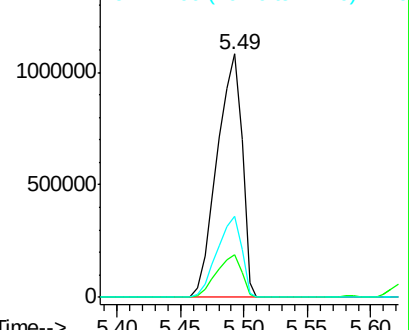
99 100

42 17.5 13.5 20.3

71 33.3 24.5 36.7



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



#8

2-Chlorophenol

Concen: 42.27 ng

RT: 5.65 min Scan# 639

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

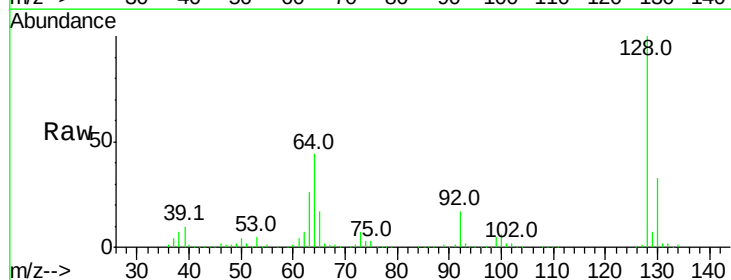
Tgt Ion:128 Resp: 449257

Ion Ratio Lower Upper

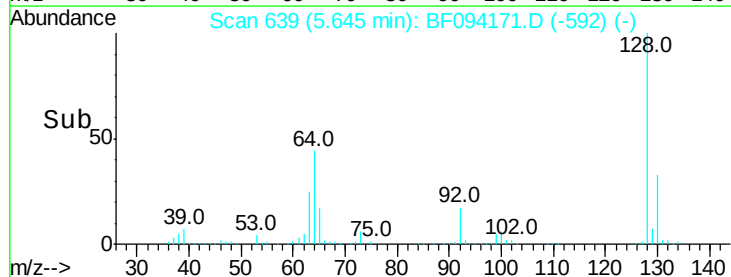
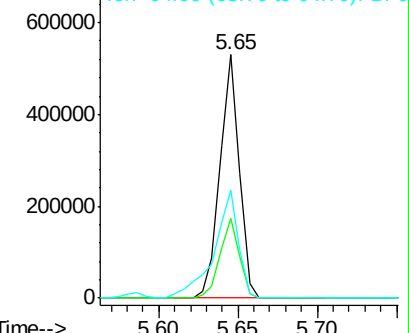
128 100

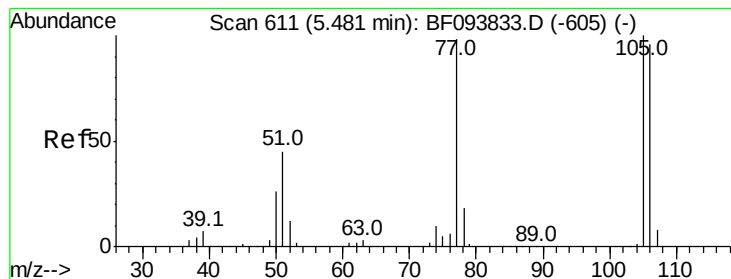
130 32.7 12.9 52.9

64 44.2 28.4 68.4



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





#9

Benzaldehyde

Concen: 29.78 ng

RT: 5.37 min Scan# 592

Delta R.T. -0.03 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

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ClientSampleId :

PB98028BS

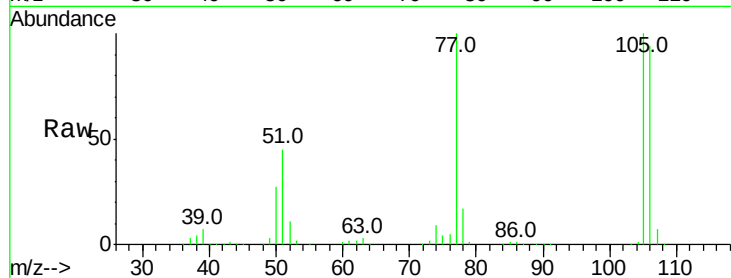
Tot Ion: 77 Resp: 240581

Ion Ratio Lower Upper

77 100

105 100.2 83.8 123.8

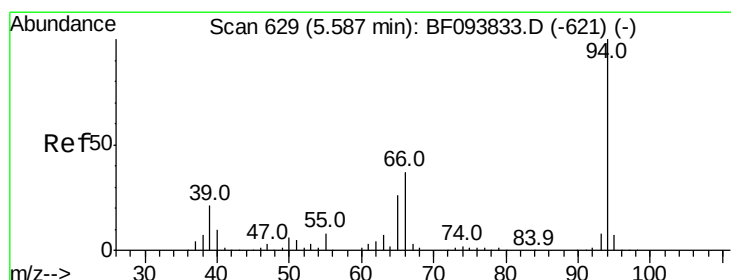
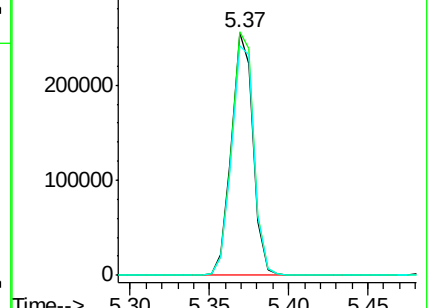
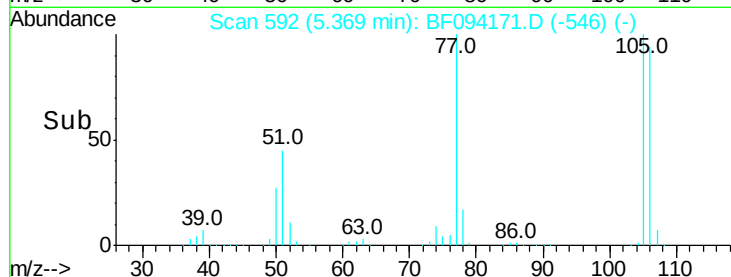
106 94.7 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.09 ng

RT: 5.50 min Scan# 615

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

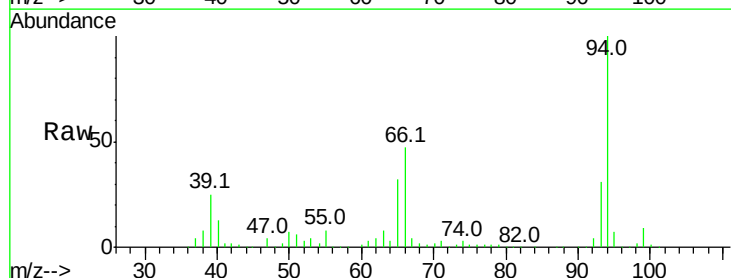
Tgt Ion: 94 Resp: 518508

Ion Ratio Lower Upper

94 100

65 32.1 9.9 49.9

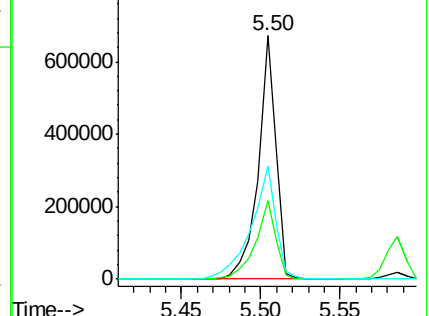
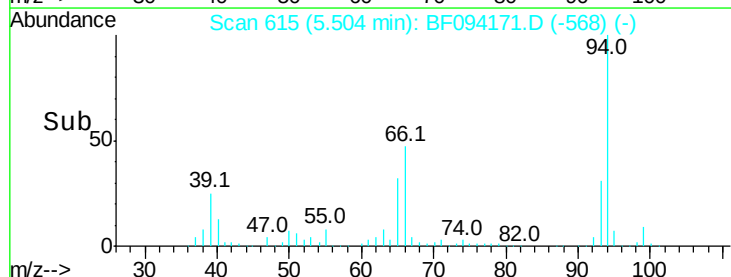
66 46.7 23.1 63.1

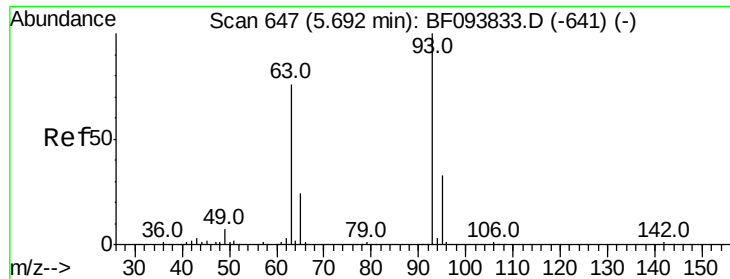


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

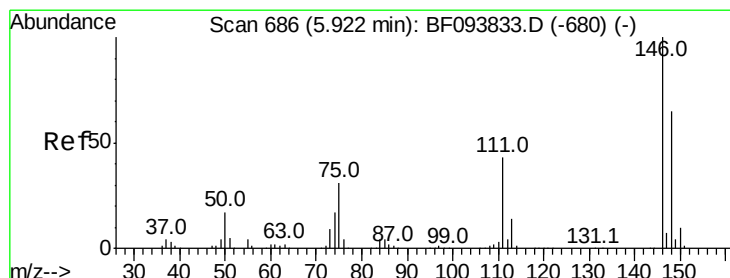
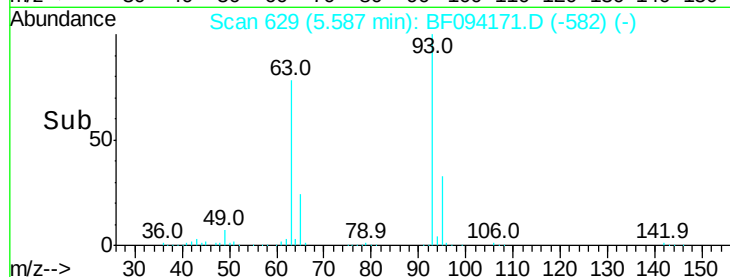
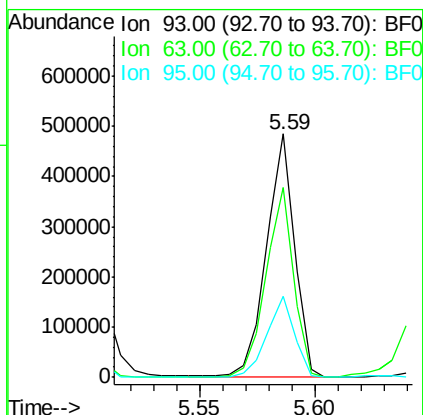
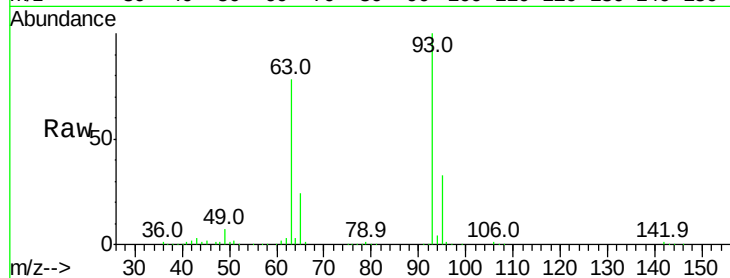




#11
bis(2-Chloroethyl)ether
Concen: 38.71 ng
RT: 5.59 min Scan# 629
Delta R.T. -0.02 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

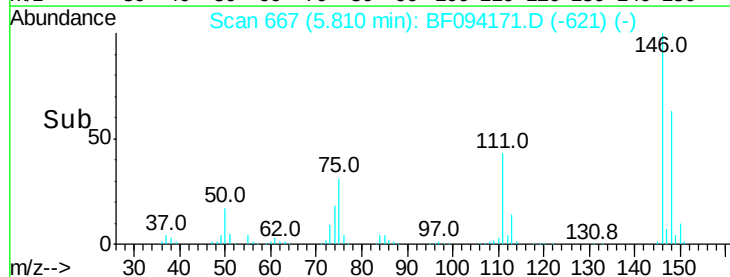
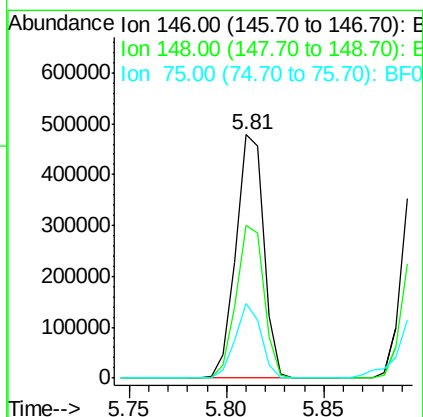
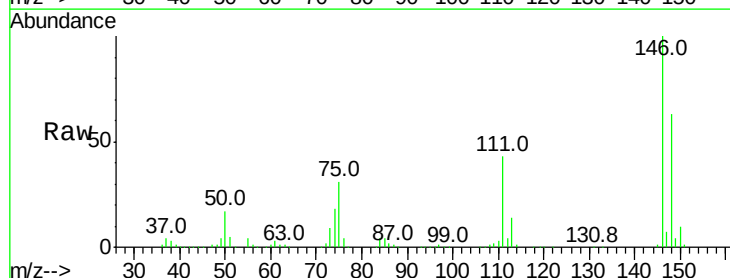
Instrument :
BNA_F
ClientSampleId :
PB98028BS

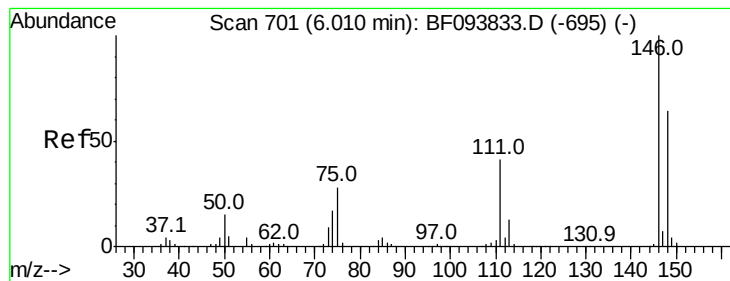
Tot Ion: 93 Resp: 411839
Ion Ratio Lower Upper
93 100
63 78.1 59.2 99.2
95 33.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.68 ng
RT: 5.81 min Scan# 667
Delta R.T. -0.03 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

Tgt Ion: 146 Resp: 473117
Ion Ratio Lower Upper
146 100
148 62.6 51.8 77.6
75 30.7 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 39.71 ng

RT: 5.90 min Scan# 682

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

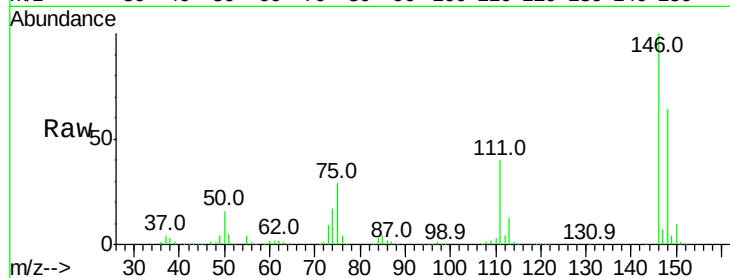
Tot Ion:146 Resp: 479479

Ion Ratio Lower Upper

146 100

148 63.7 52.2 78.2

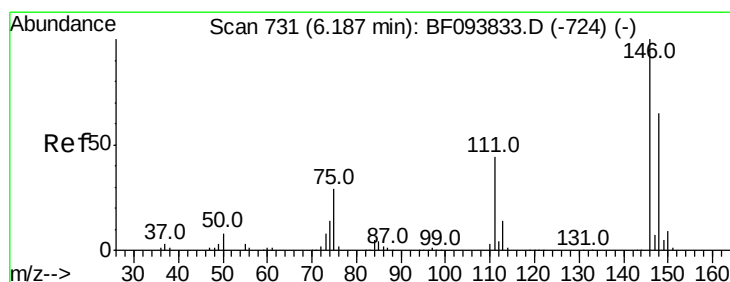
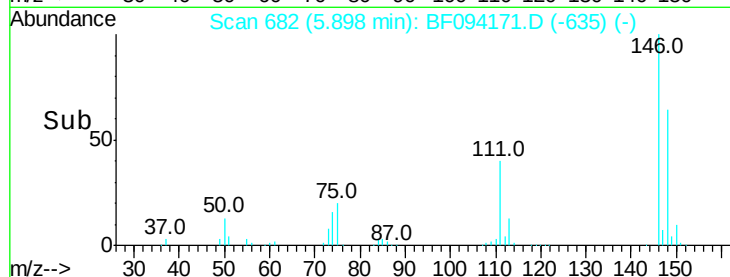
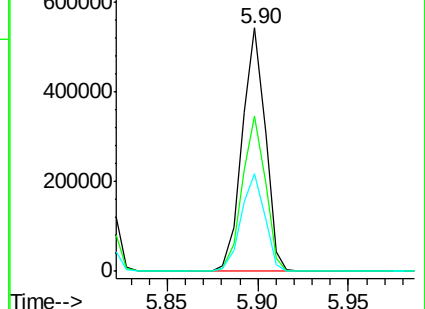
111 40.3 30.3 45.5



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: 39.74 ng

RT: 6.07 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

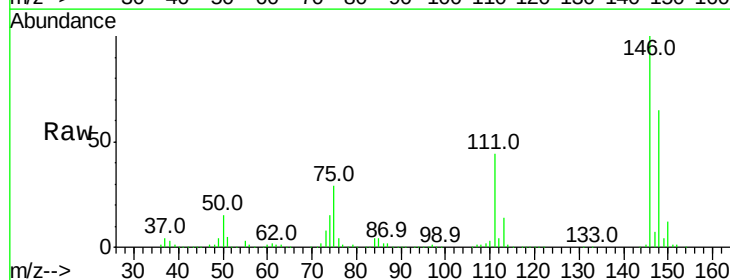
Tgt Ion:146 Resp: 441930

Ion Ratio Lower Upper

146 100

148 64.5 50.4 75.6

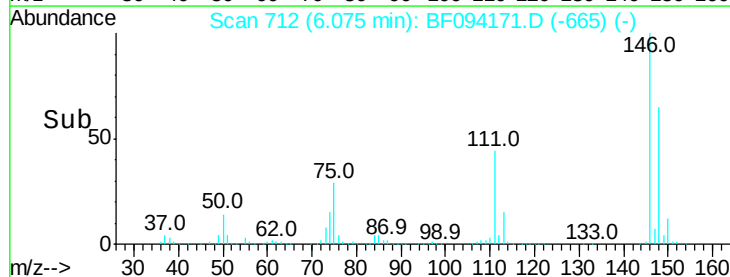
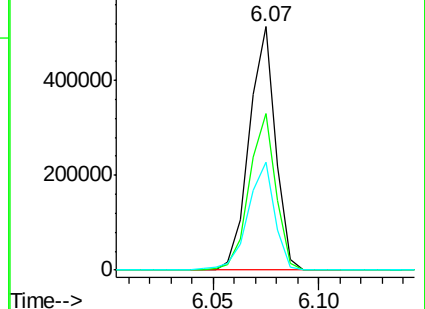
111 44.1 38.2 57.4

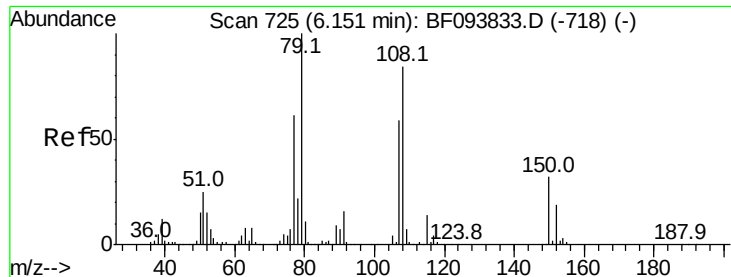


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.15 ng

RT: 6.05 min Scan# 707

Delta R.T. -0.03 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

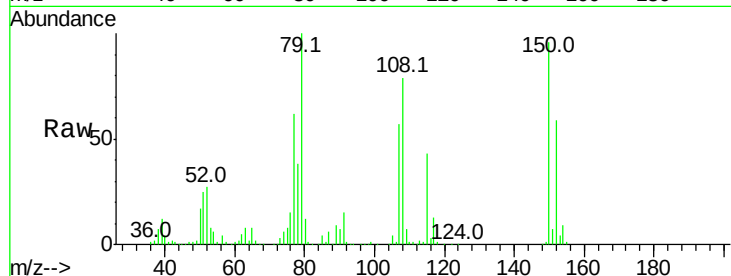
Tot Ion: 79 Resp: 360342

Ion Ratio Lower Upper

79 100

108 79.0 63.4 95.0

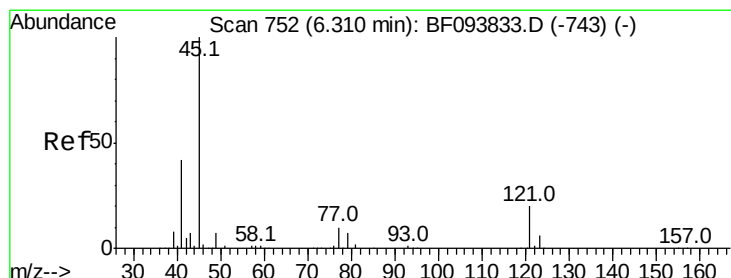
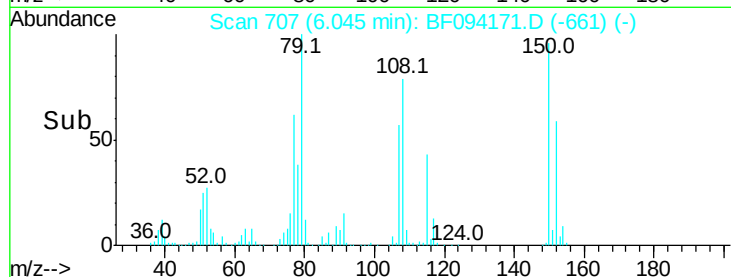
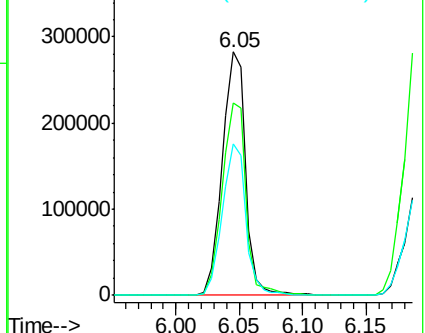
77 62.0 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.60 ng

RT: 6.21 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

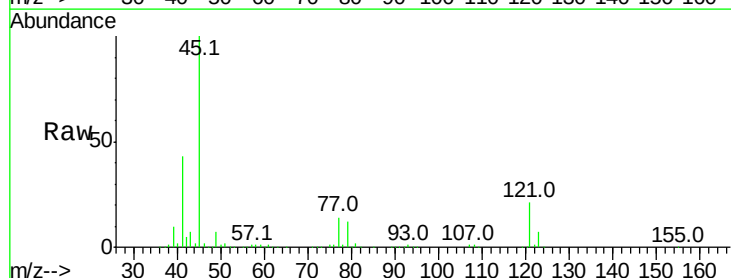
Tgt Ion: 45 Resp: 583688

Ion Ratio Lower Upper

45 100

77 14.3 0.0 33.2

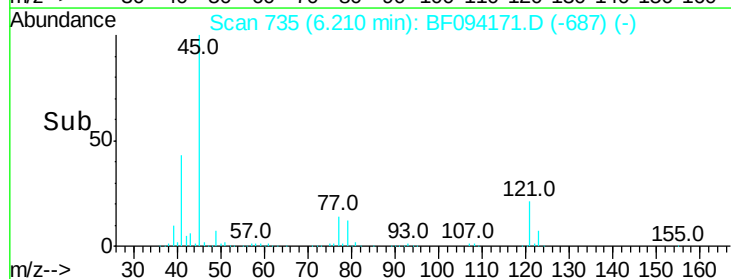
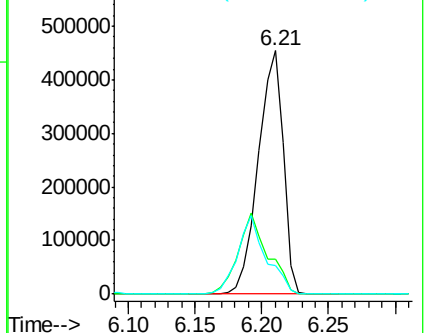
79 11.6 0.0 30.0

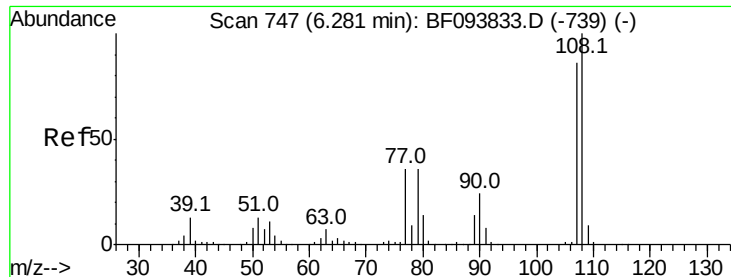


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.84 ng

RT: 6.19 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

Tot Ion:107 Resp: 371745

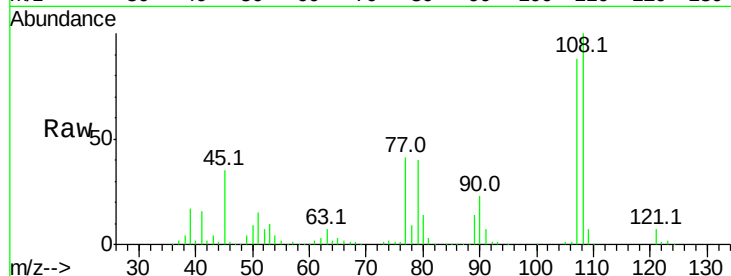
Ion Ratio Lower Upper

107 100

108 113.0 93.4 140.0

77 46.6 35.8 53.6

79 44.7 34.8 52.2

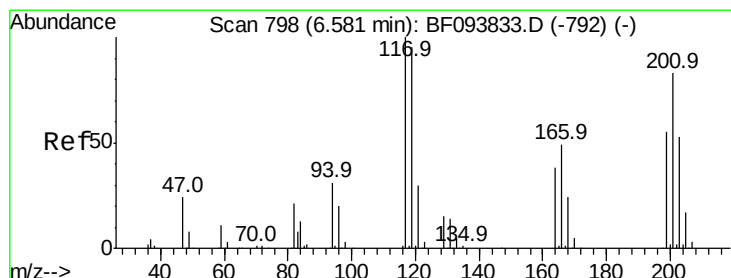
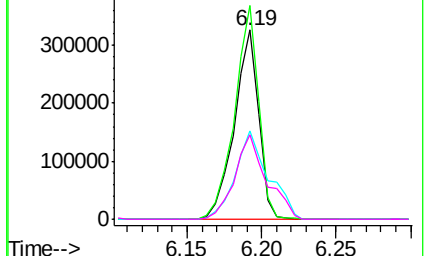
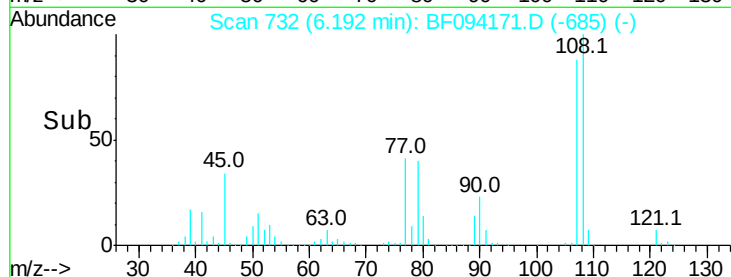


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.14 ng

RT: 6.47 min Scan# 779

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

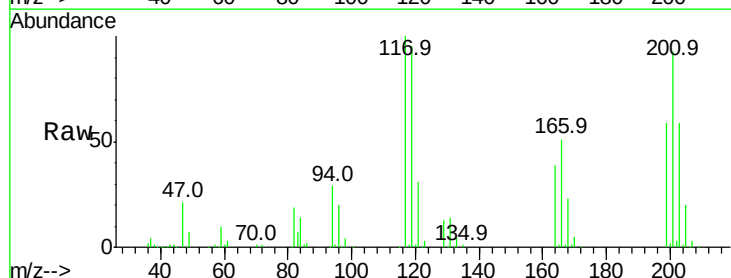
Tgt Ion:117 Resp: 166150

Ion Ratio Lower Upper

117 100

119 95.0 77.4 116.0

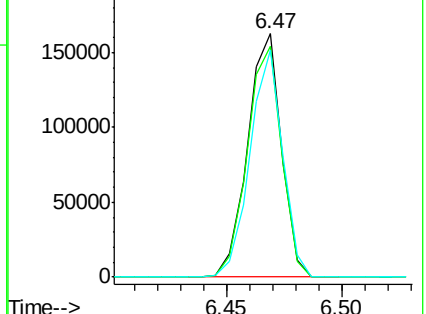
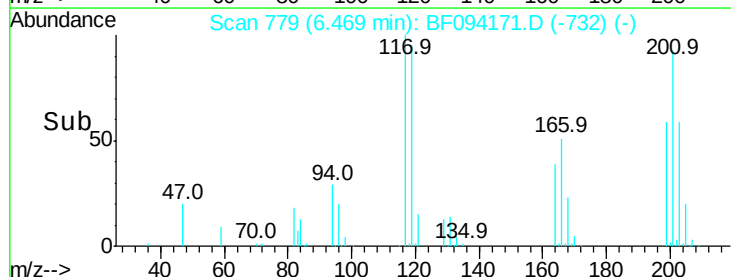
201 93.2 94.6 141.8#

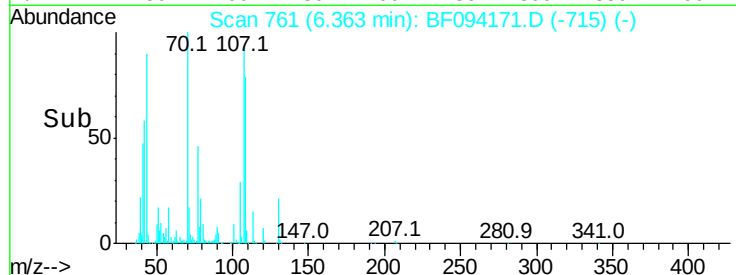
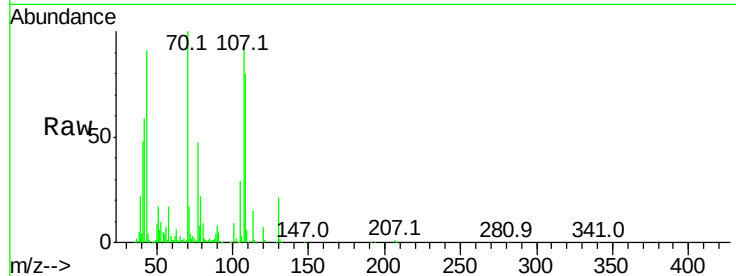
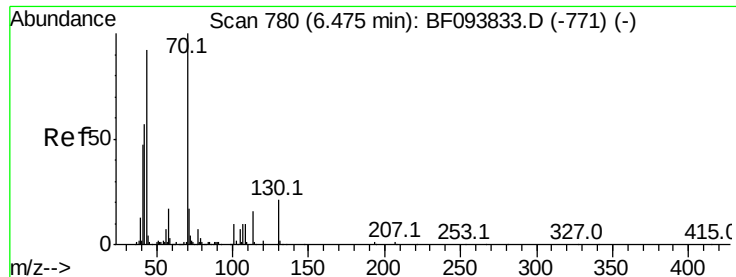


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

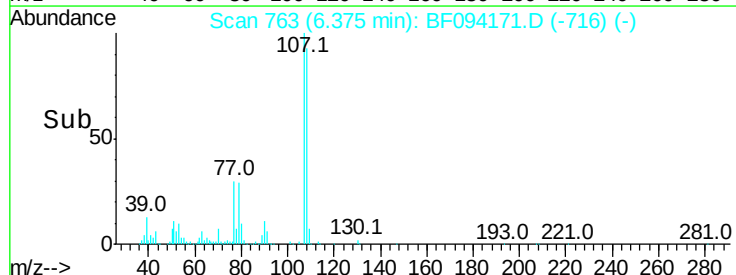
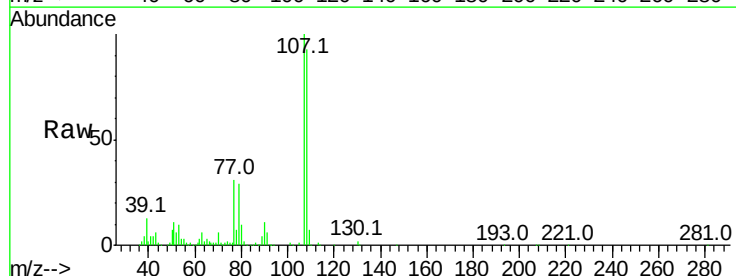
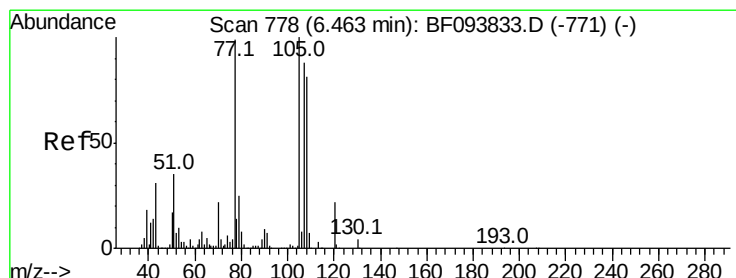
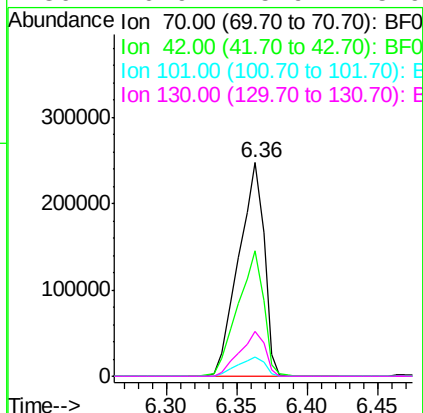




#19
n-Nitroso-di-n-propylamine
Concen: 40.60 ng
RT: 6.36 min Scan# 761
Delta R.T. -0.03 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

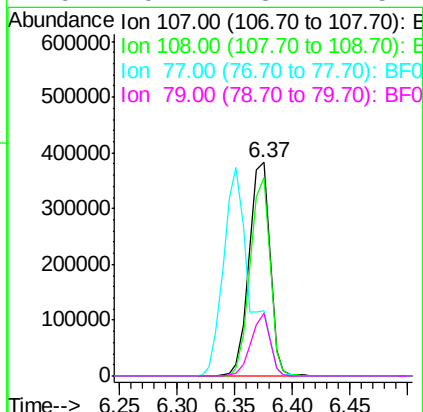
Instrument :
BNA_F
ClientSampleId :
PB98028BS

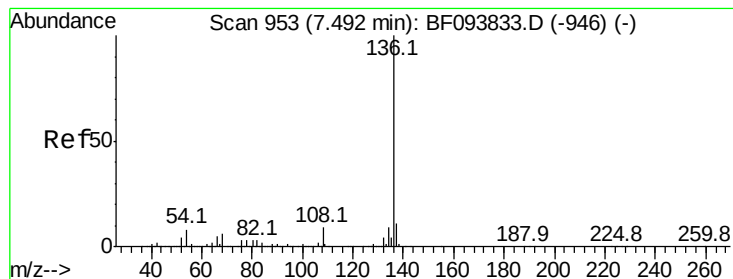
Tot Ion:	70	Resp:	312194
Ion	Ratio	Lower	Upper
70	100		
42	58.6	47.2	70.8
101	9.0	7.2	10.8
130	20.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 44.04 ng
RT: 6.37 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

Tgt Ion:	107	Resp:	485556
Ion	Ratio	Lower	Upper
107	100		
108	93.1	71.0	111.0
77	30.6	90.5	130.5#
79	29.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.38 min Scan# 934

Delta R.T. -0.03 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

Tot Ion:136 Resp: 662369

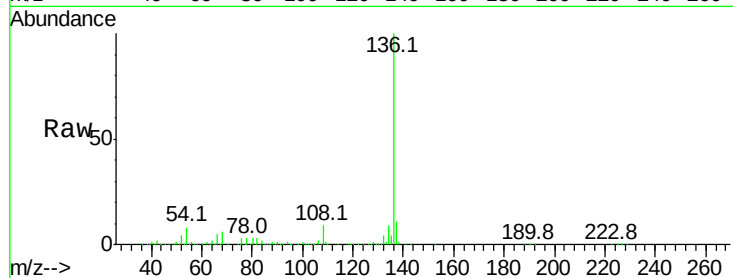
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.8 4.9 7.3#

68 6.3 4.1 6.1#

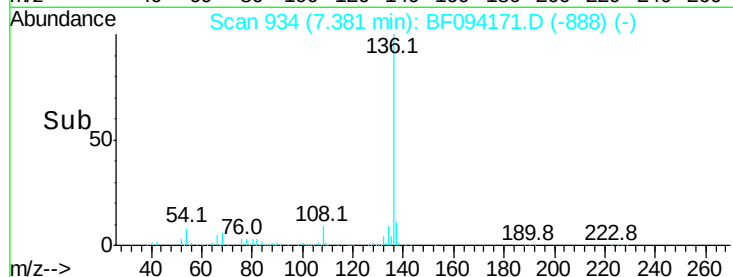


Abundance Ion 136.00 (135.70 to 136.70): E

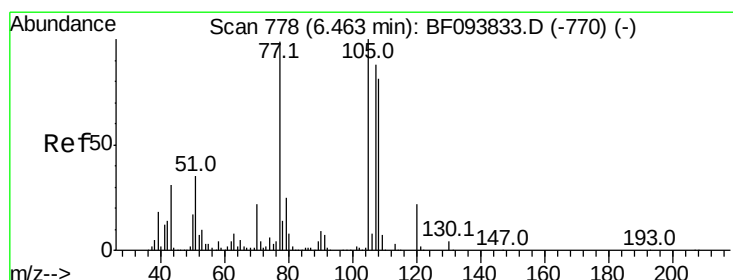
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.30 7.35 7.40 7.45



#22

Acetophenone

Concen: 42.13 ng

RT: 6.35 min Scan# 759

Delta R.T. -0.03 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Tgt Ion:105 Resp: 621953

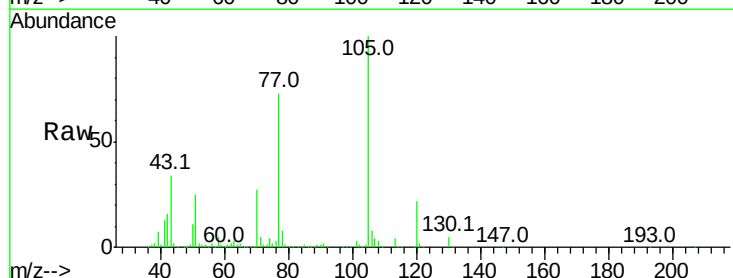
Ion Ratio Lower Upper

105 100

71 4.5 2.8 4.2#

51 24.8 30.7 46.1#

120 21.7 17.4 26.0

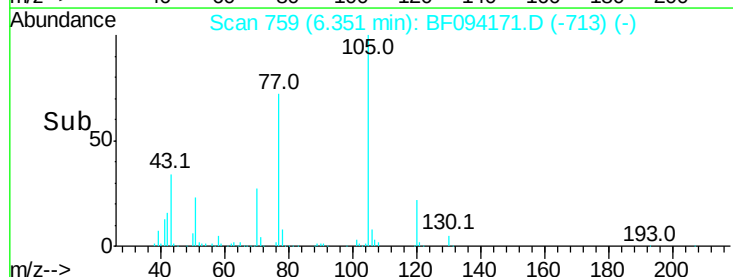


Abundance Ion 105.00 (104.70 to 105.70): E

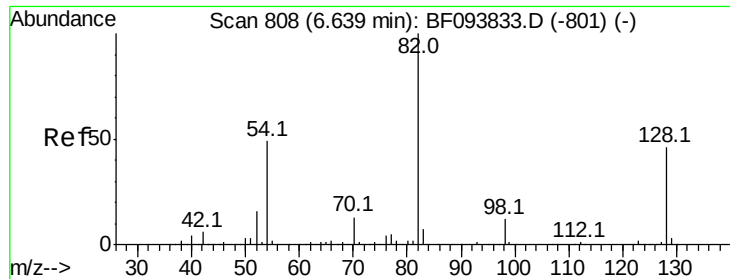
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



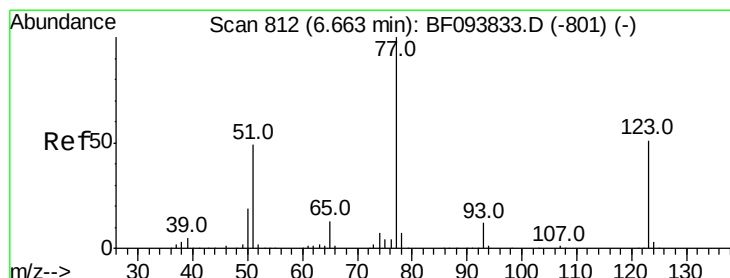
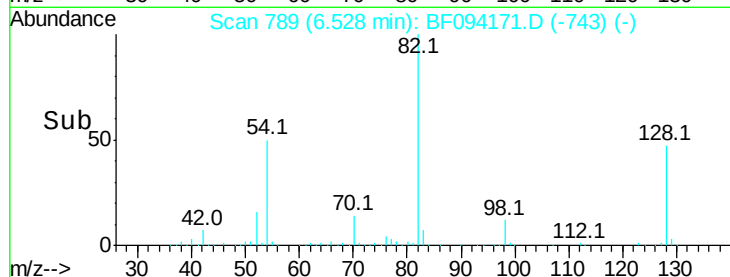
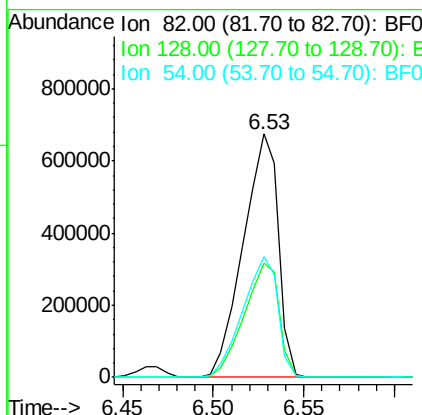
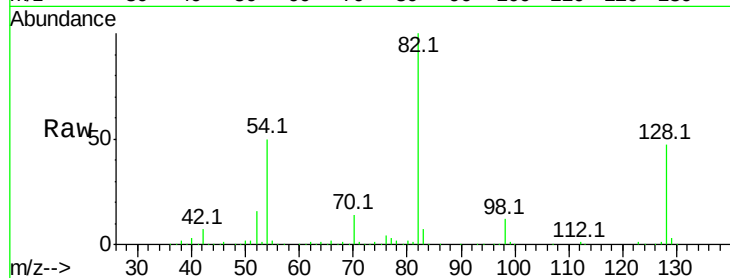
Time--> 6.30 6.35 6.40 6.45



#23
Nitrobenzene-d5
Concen: 77.97 ng
RT: 6.53 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

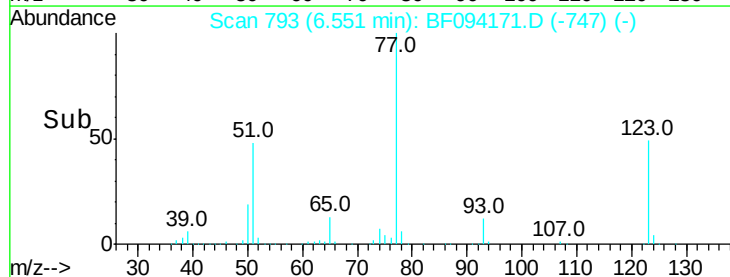
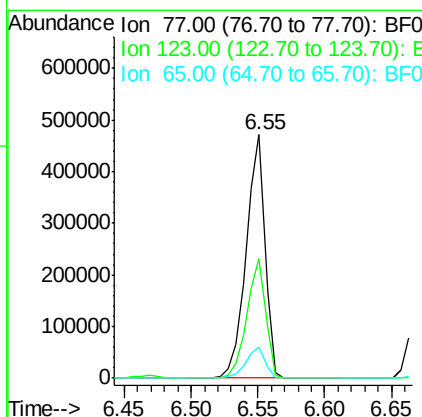
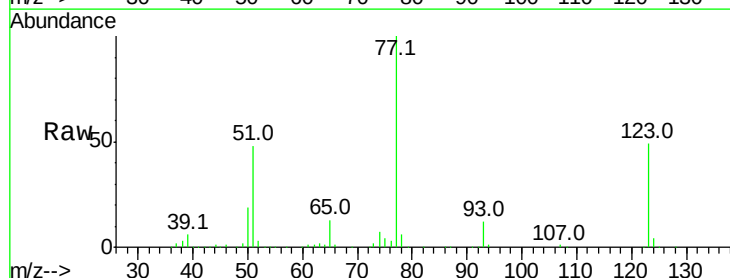
Instrument :
BNA_F
ClientSampleId :
PB98028BS

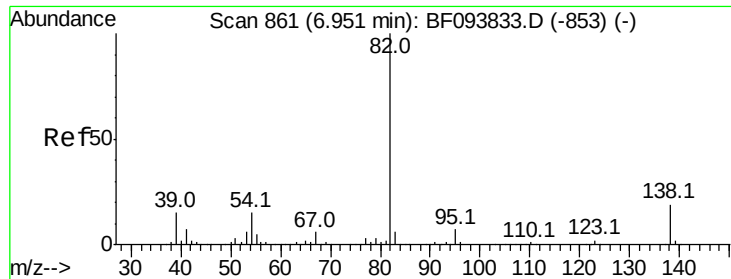
Tot Ion: 82 Resp: 904910
Ion Ratio Lower Upper
82 100
128 46.7 34.0 51.0
54 49.8 42.2 63.2



#24
Nitrobenzene
Concen: 39.80 ng
RT: 6.55 min Scan# 793
Delta R.T. -0.03 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

Tgt Ion: 77 Resp: 455560
Ion Ratio Lower Upper
77 100
123 49.0 35.8 53.8
65 12.7 10.6 15.8





#25

Isophorone

Concen: 39.94 ng

RT: 6.84 min Scan# 842

Delta R.T. -0.03 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

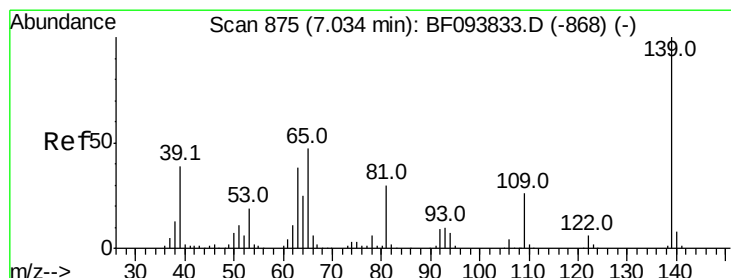
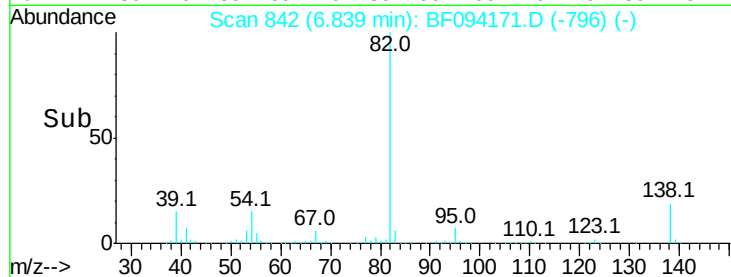
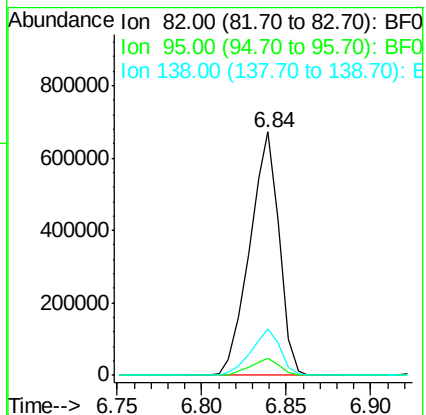
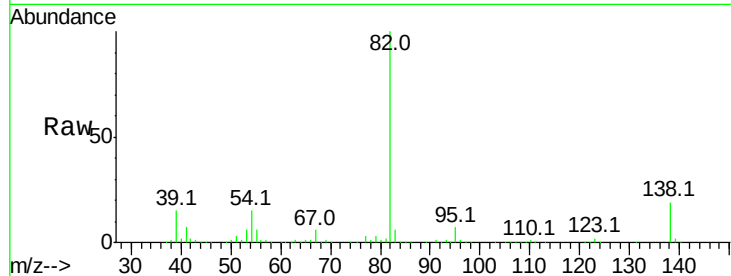
Tot Ion: 82 Resp: 814474

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 19.0 13.1 19.7



#26

2-Nitrophenol

Concen: 45.88 ng

RT: 6.93 min Scan# 857

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

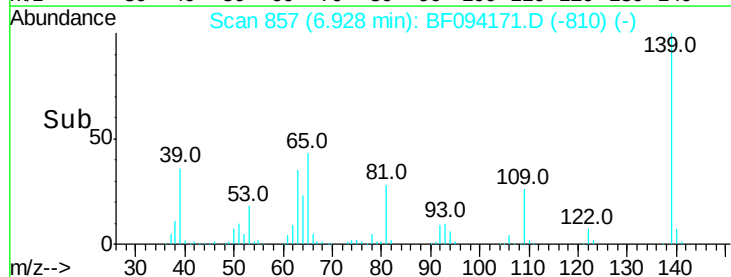
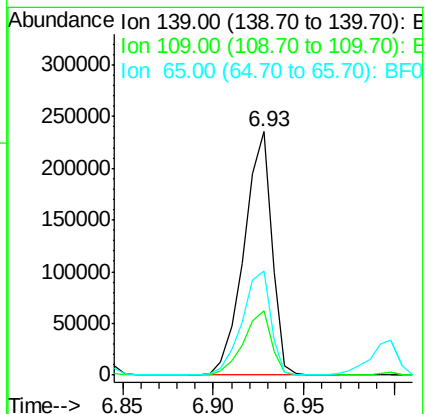
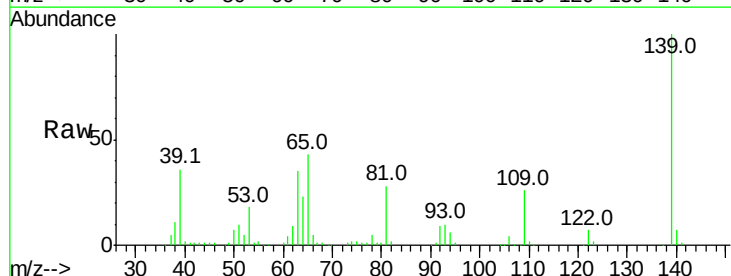
Tgt Ion: 139 Resp: 250467

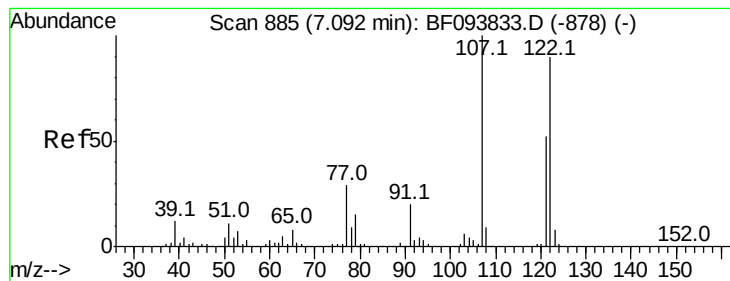
Ion Ratio Lower Upper

139 100

109 26.3 21.0 31.6

65 42.9 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 43.96 ng

RT: 7.00 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampled :

PB98028BS

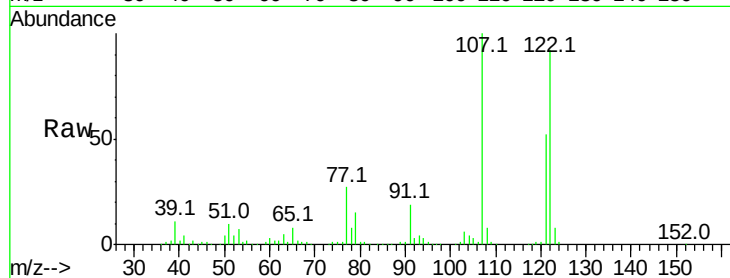
Tot Ion:122 Resp: 413516

Ion Ratio Lower Upper

122 100

107 109.3 89.2 133.8

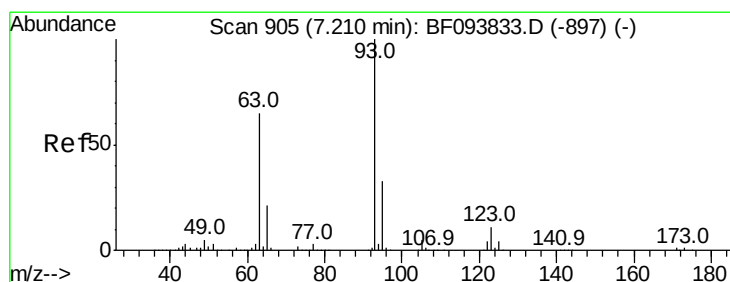
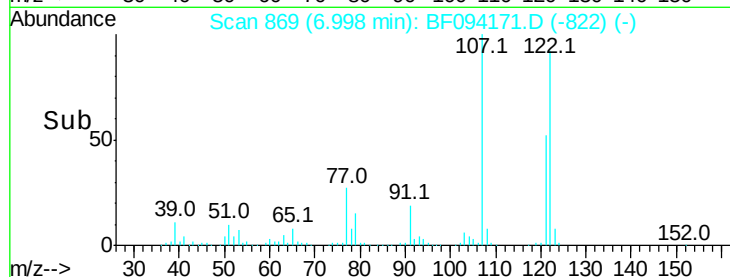
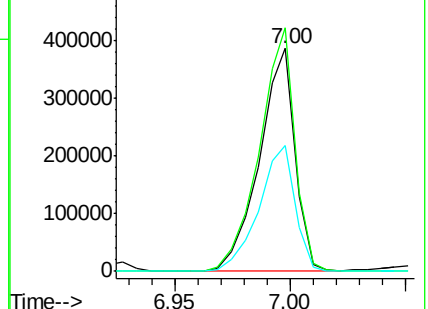
121 56.3 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.96 ng

RT: 7.10 min Scan# 886

Delta R.T. -0.03 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

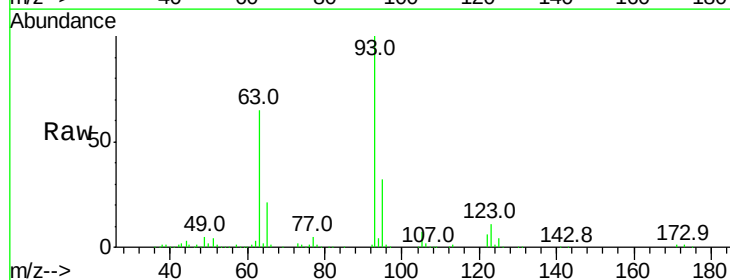
Tgt Ion: 93 Resp: 537471

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

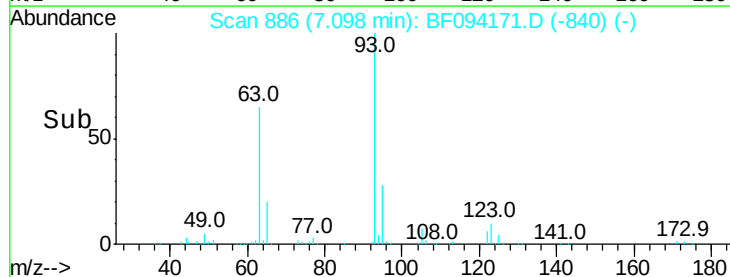
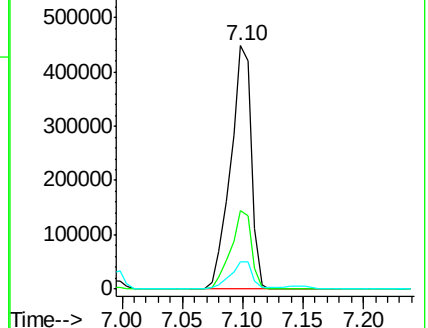
123 11.3 9.0 13.4

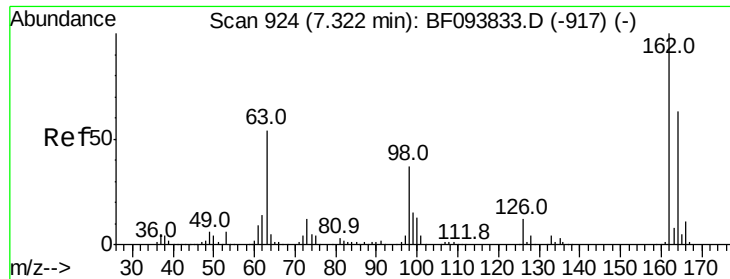


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

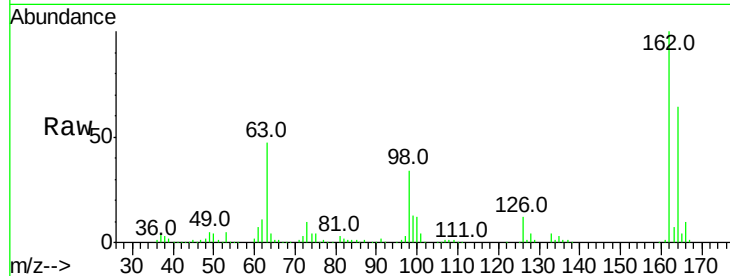




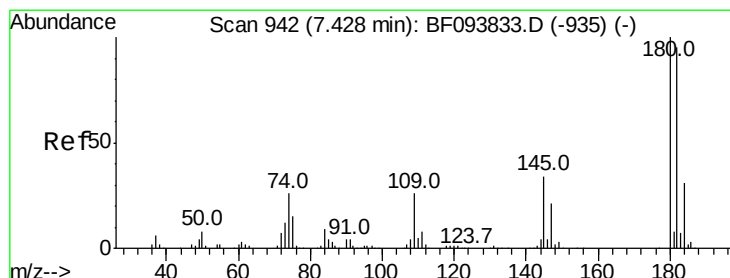
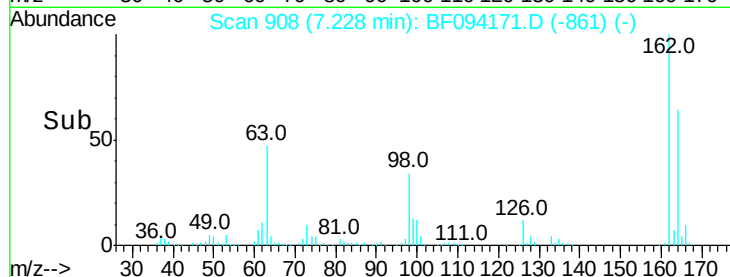
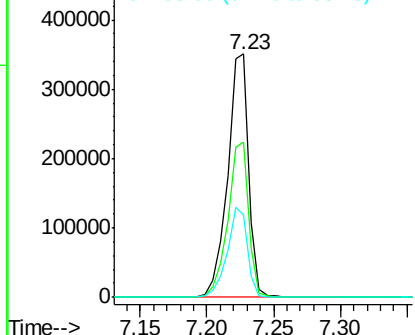
#29
 2,4-Dichlorophenol
 Concen: 44.36 ng
 RT: 7.23 min Scan# 908
 Delta R.T. -0.02 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98028BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.6	84.6
98	34.0	14.8	54.8

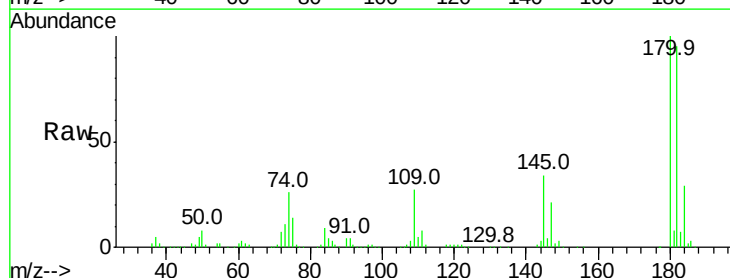


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

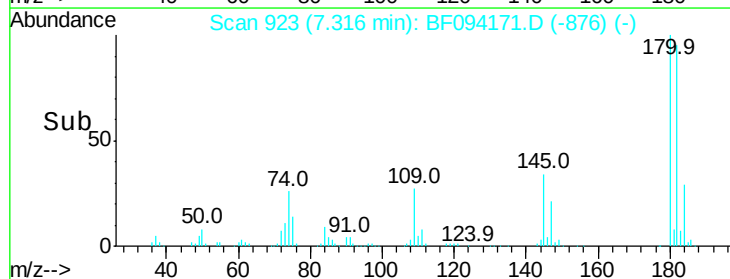
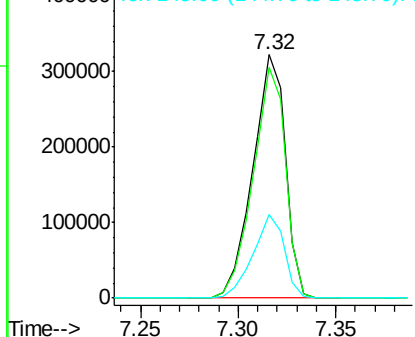


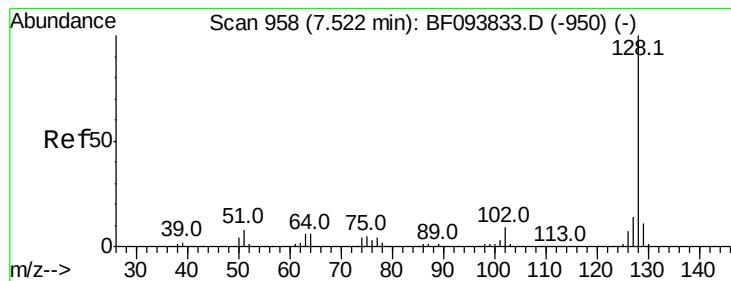
#30
 1,2,4-Trichlorobenzene
 Concen: 41.03 ng
 RT: 7.32 min Scan# 923
 Delta R.T. -0.02 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.8	113.6
145	34.4	25.3	37.9



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





#31

Naphthalene

Concen: 39.68 ng

RT: 7.41 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

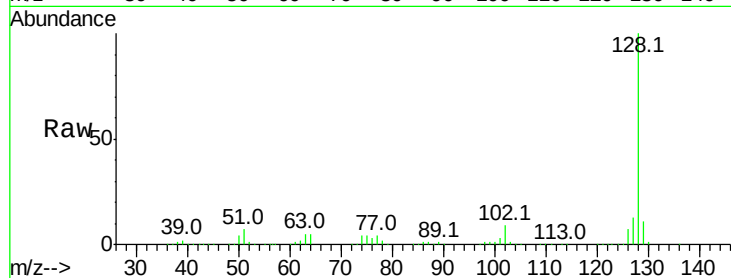
Tot Ion:128 Resp: 1263873

Ion Ratio Lower Upper

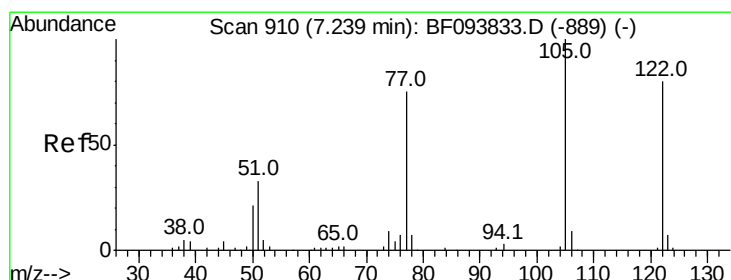
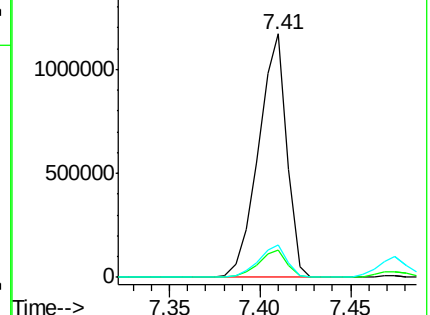
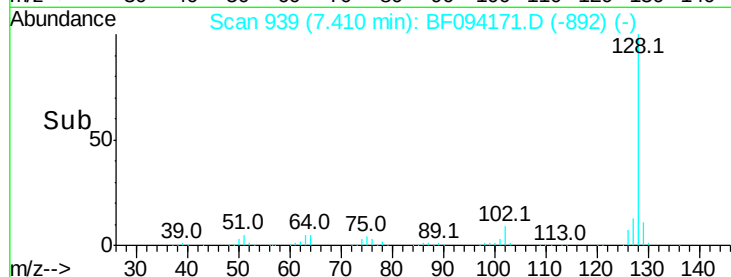
128 100

129 11.0 9.0 13.6

127 13.5 10.8 16.2



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



#32

Benzoic acid

Concen: 36.79 ng

RT: 7.15 min Scan# 895

Delta R.T. -0.04 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

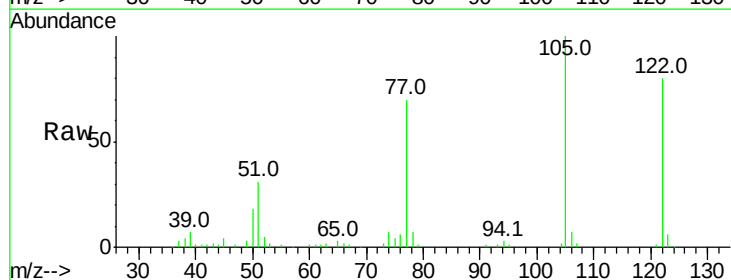
Tgt Ion:122 Resp: 230353

Ion Ratio Lower Upper

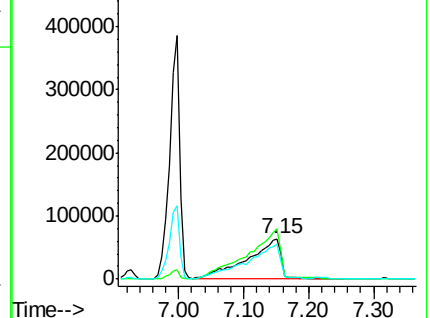
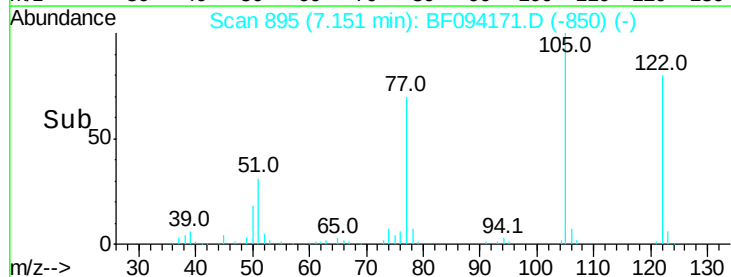
122 100

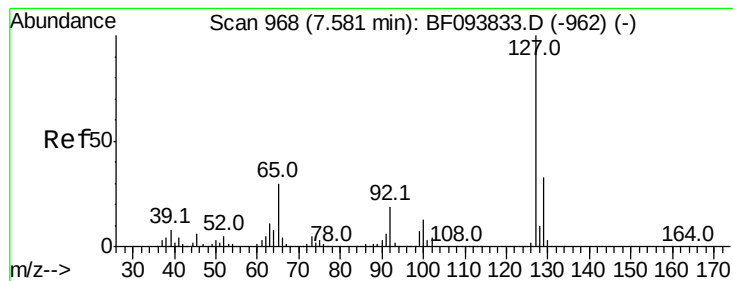
105 125.2 103.3 143.3

77 87.1 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: 9.53 ng

RT: 7.47 min Scan# 950

Delta R.T. -0.03 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

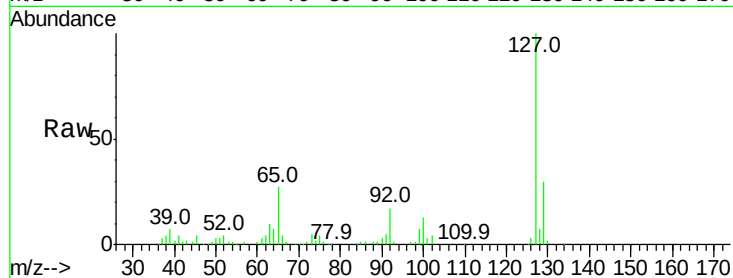
Instrument :

BNA_F

ClientSampleId :

PB98028BS

Tot Ion:	127	Resp:	122957
Ion	Ratio	Lower	Upper
127	100		
129	30.2	26.2	39.2
65	27.1	27.8	41.8#
92	17.4	16.8	25.2

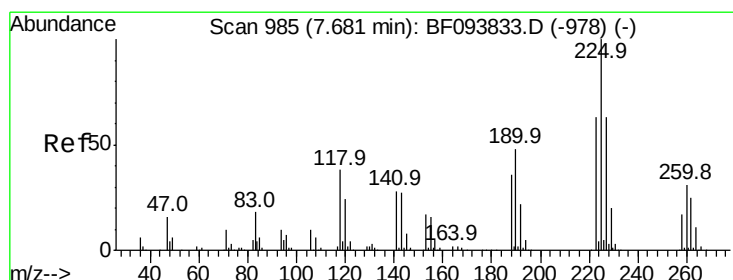
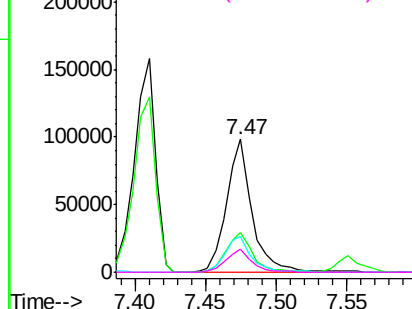
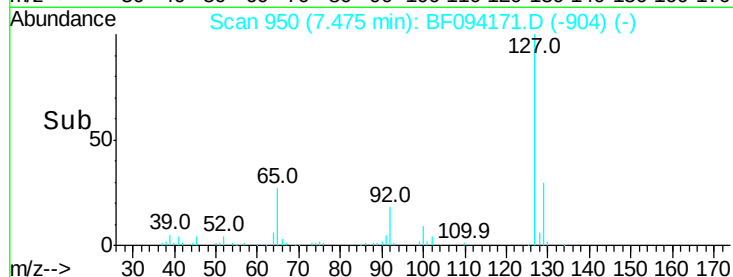


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 39.83 ng

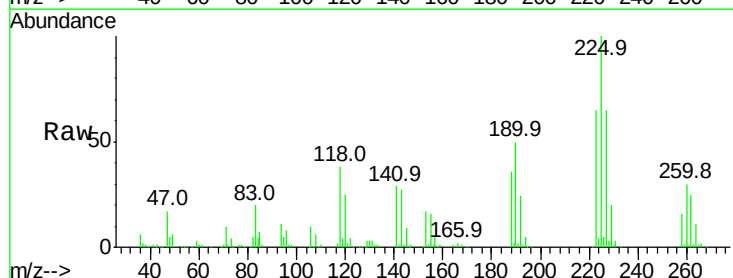
RT: 7.56 min Scan# 965

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

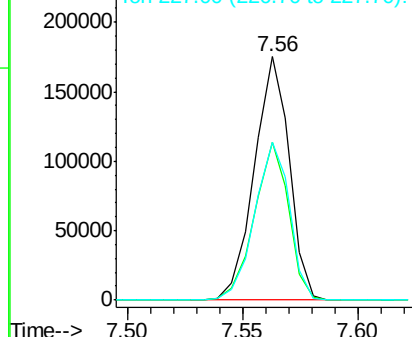
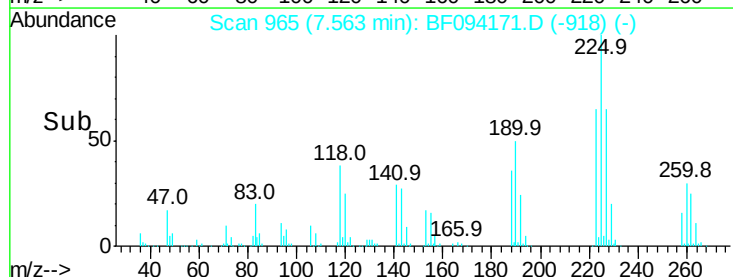
Tgt Ion:	225	Resp:	185016
Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	65.0	51.1	76.7

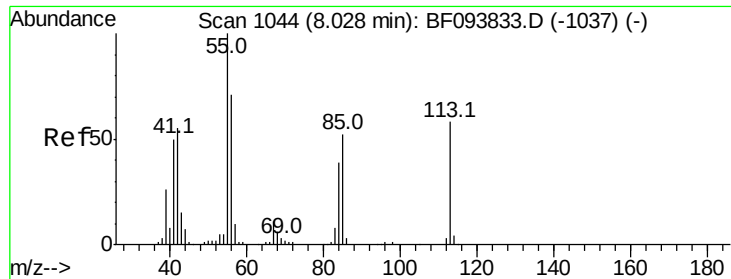


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 24.29 ng

RT: 7.92 min Scan# 1025

Delta R.T. -0.04 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

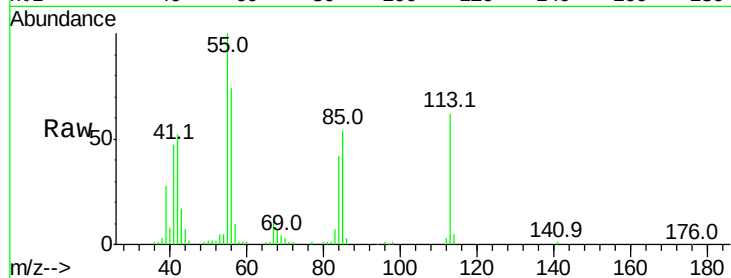
Tot Ion:113 Resp: 68132

Ion Ratio Lower Upper

113 100

55 162.0 150.2 190.2

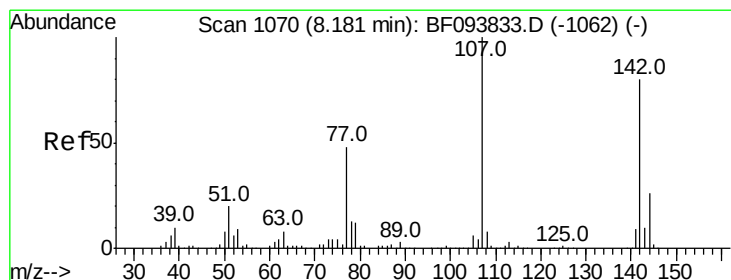
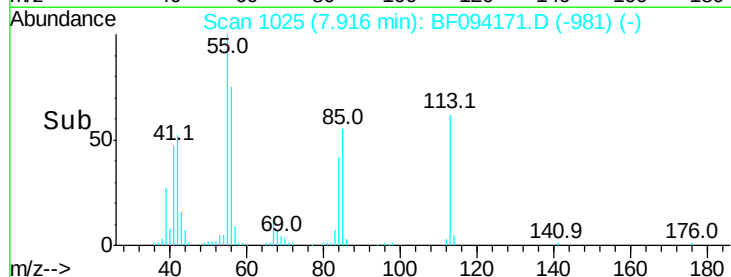
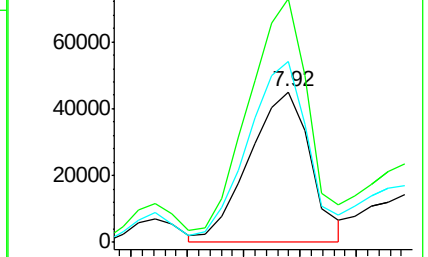
56 120.3 107.8 147.8



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: 45.13 ng

RT: 8.10 min Scan# 1056

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

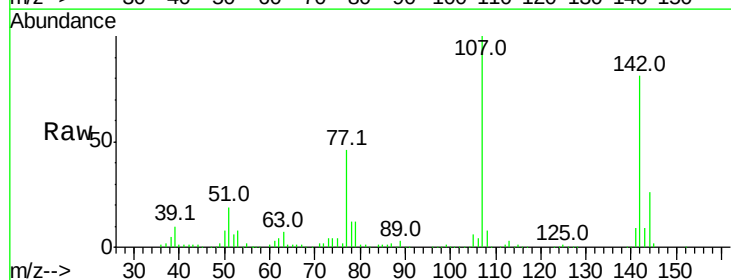
Tgt Ion:107 Resp: 414695

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

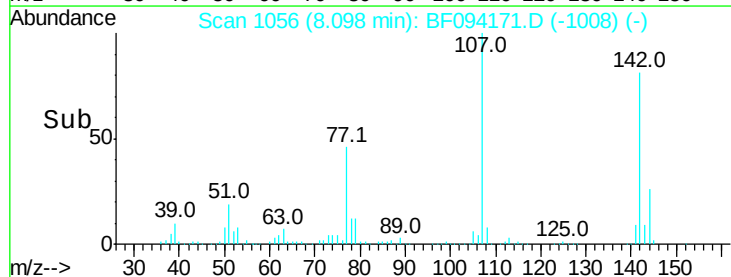
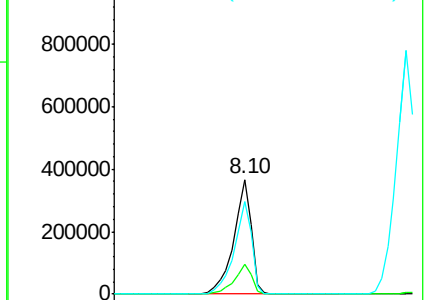
142 81.1 73.4 110.0

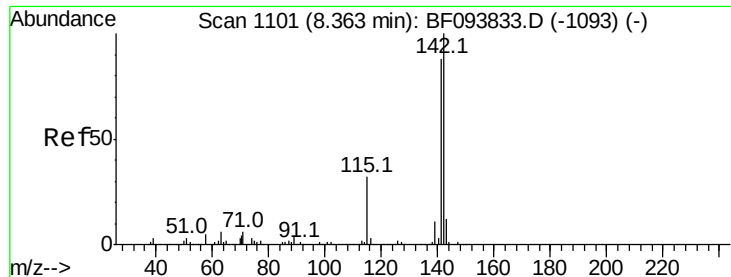


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.07 ng

RT: 8.25 min Scan# 1082

Delta R.T. -0.02 min

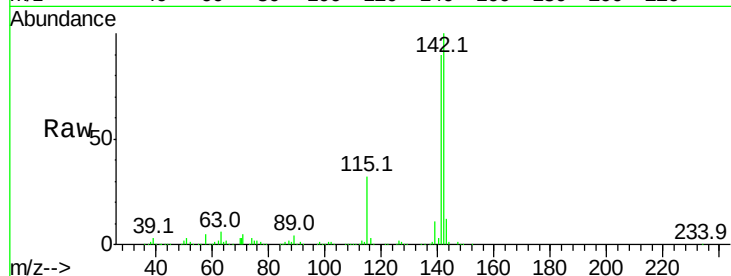
Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB98028BS

Tot Ion:142 Resp: 893122

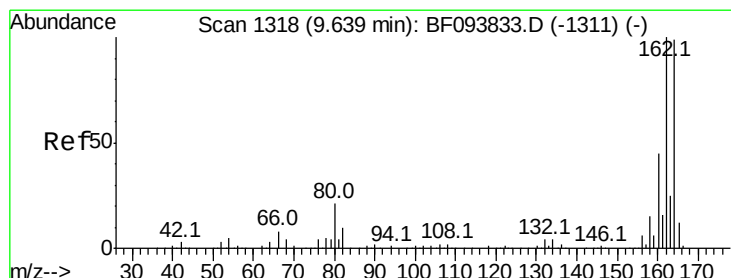
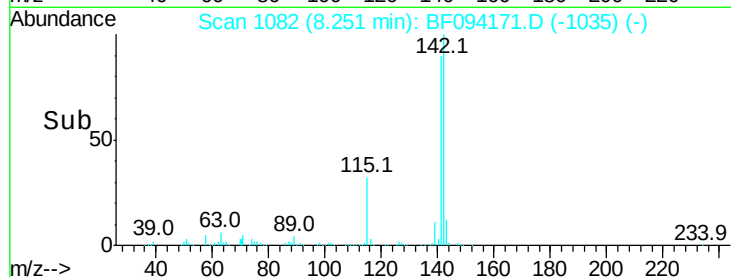
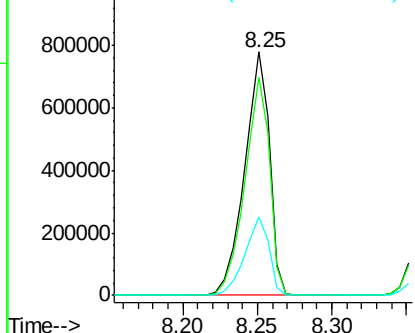
Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	32.2	27.1	40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.52 min Scan# 1298

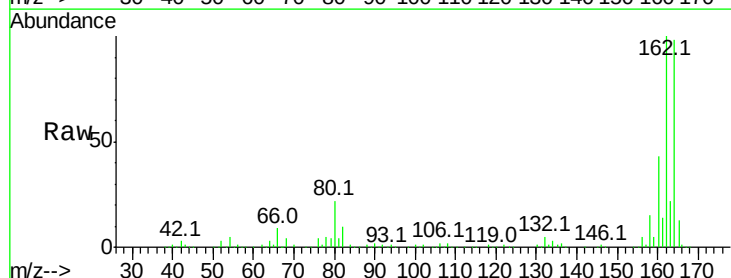
Delta R.T. -0.03 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Tgt Ion:164 Resp: 304803

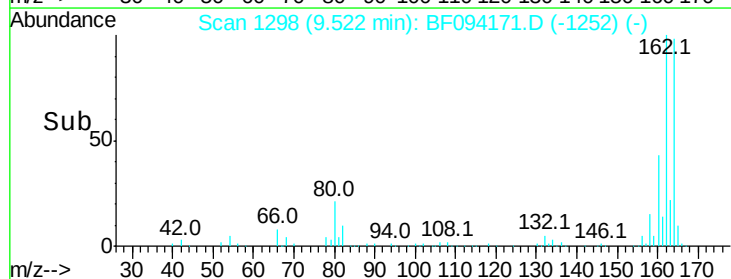
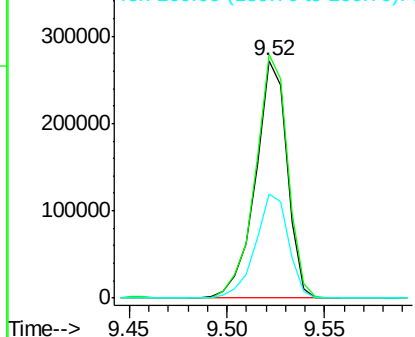
Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.6	123.8
160	43.8	36.2	54.2

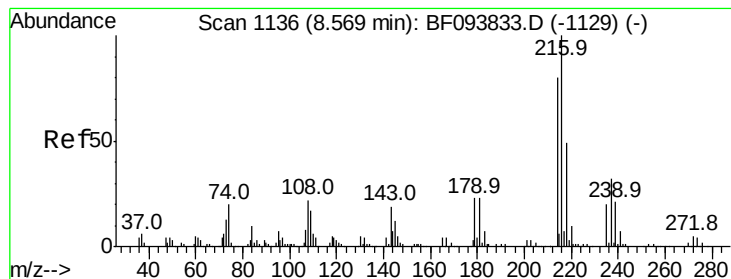


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.39 ng

RT: 8.46 min Scan# 1117

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

Tot Ion:216 Resp: 328452

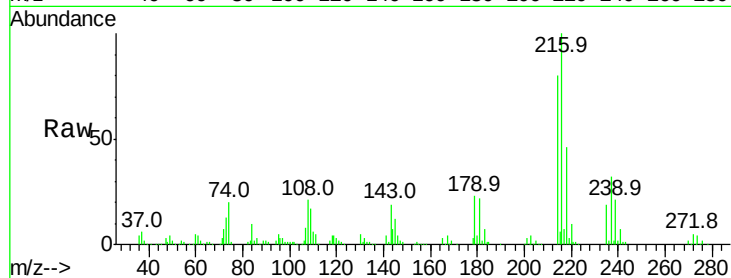
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 22.2 17.9 26.9

108 22.2 16.5 24.7

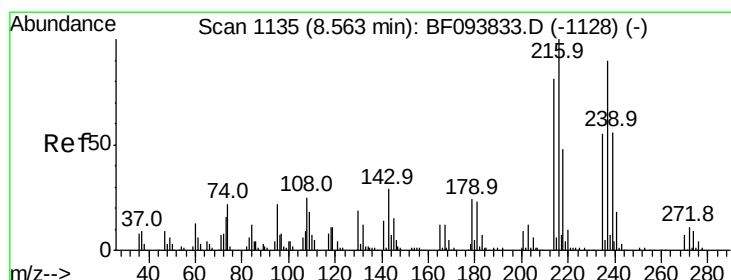
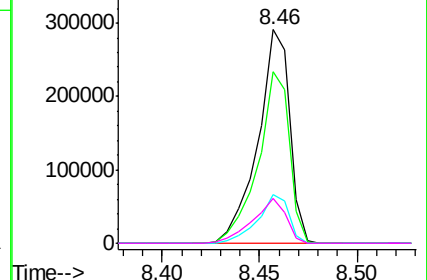
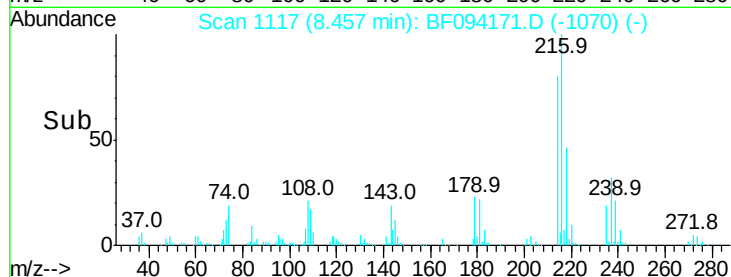


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 80.25 ng

RT: 8.45 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

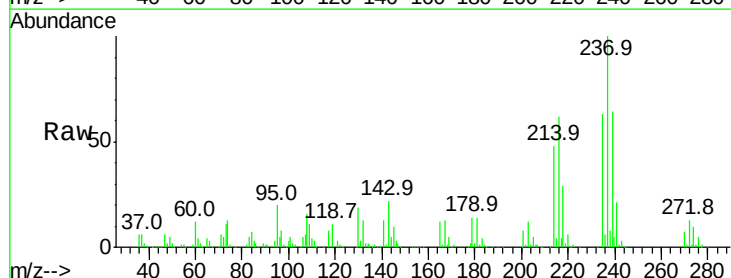
Tgt Ion:237 Resp: 313131

Ion Ratio Lower Upper

237 100

235 63.2 42.6 82.6

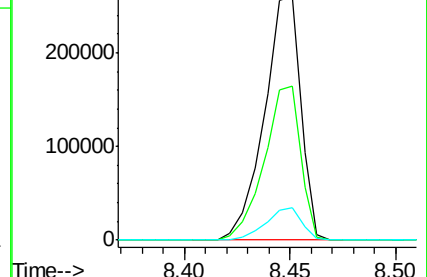
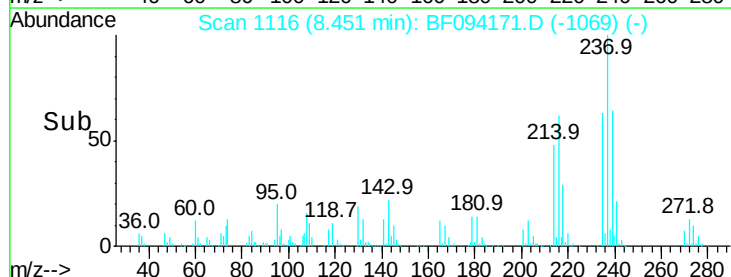
272 13.4 0.0 31.9

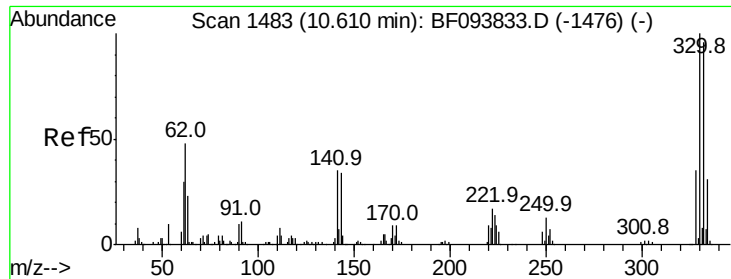


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 139.28 ng

RT: 10.50 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

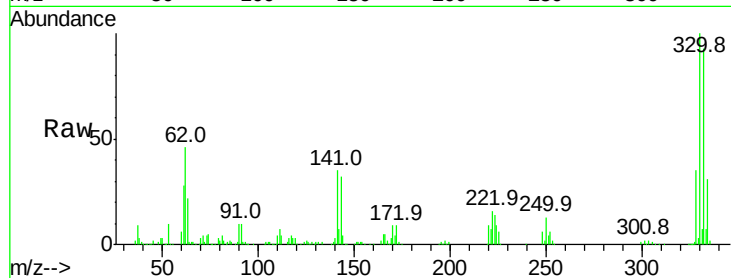
Tot Ion:330 Resp: 335470

Ion Ratio Lower Upper

330 100

332 95.1 76.6 115.0

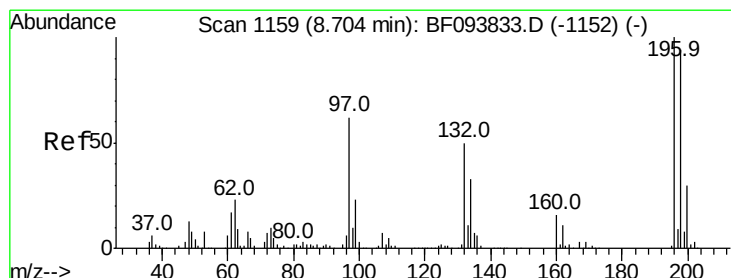
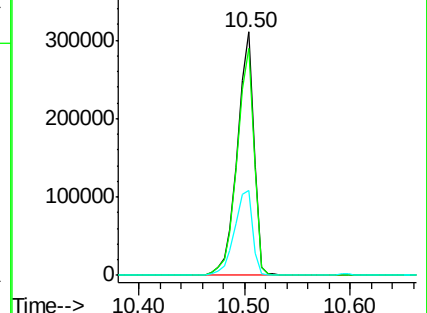
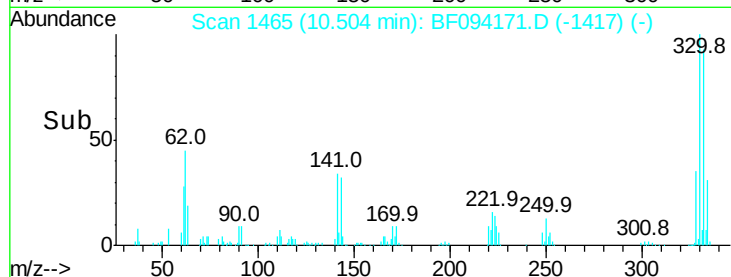
141 38.1 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 44.96 ng

RT: 8.60 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

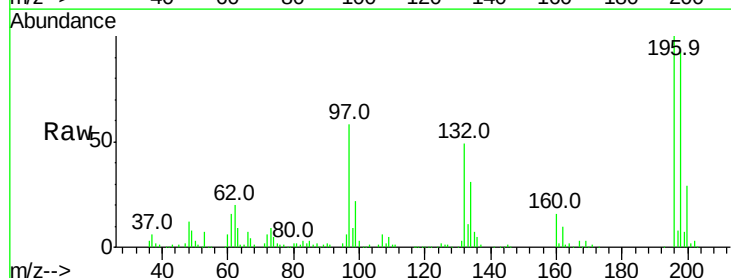
Tgt Ion:196 Resp: 265203

Ion Ratio Lower Upper

196 100

198 92.5 74.2 111.4

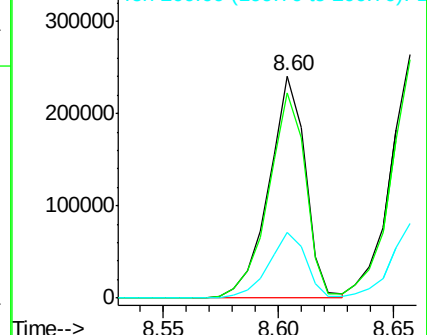
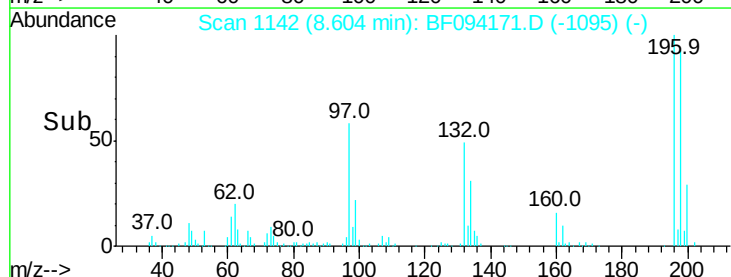
200 29.5 24.0 36.0

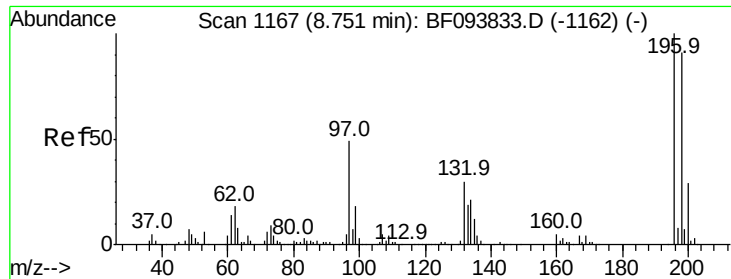


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

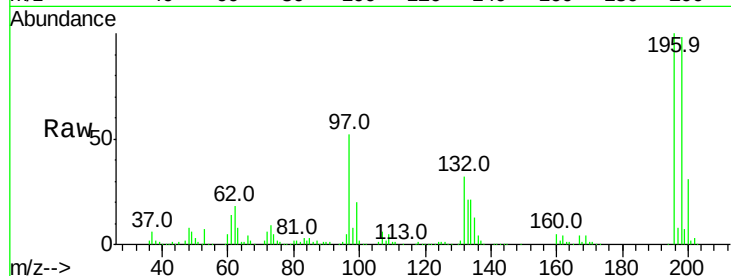




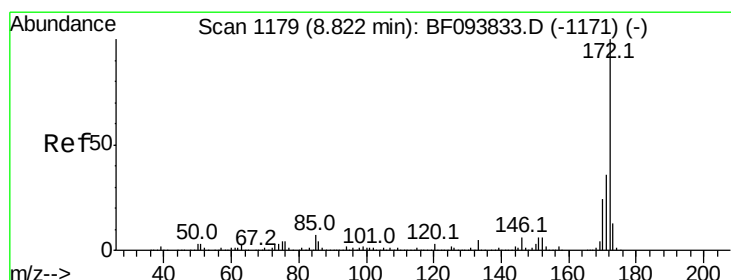
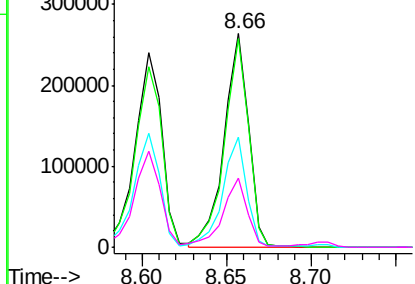
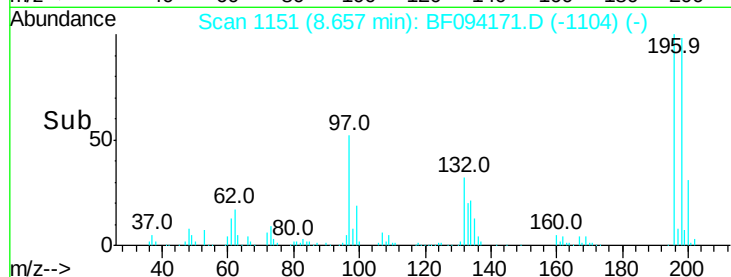
#43
 2,4,5-Trichlorophenol
 Concen: 41.56 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98028BS

Tot Ion:196 Resp: 265267
 Ion Ratio Lower Upper
 196 100
 198 97.8 75.7 113.5
 97 51.8 47.7 71.5
 132 32.3 28.0 42.0

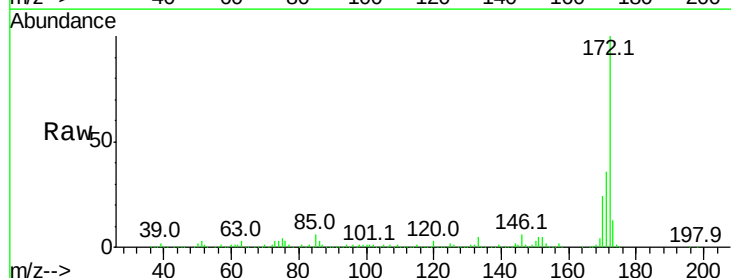


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

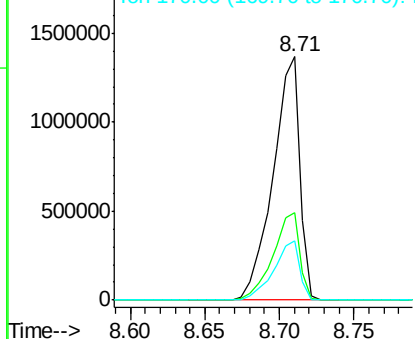
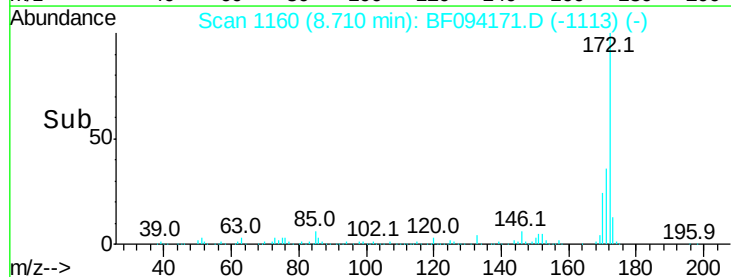


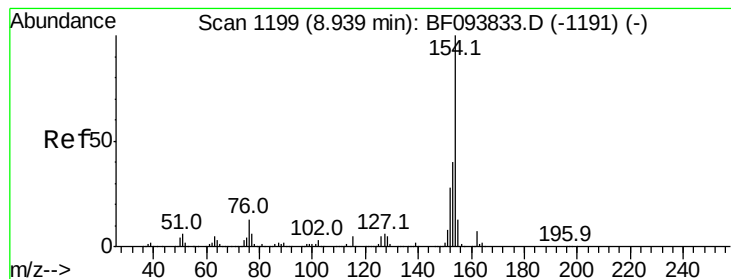
#44
 2-Fluorobiphenyl
 Concen: 85.74 ng
 RT: 8.71 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

Tgt Ion:172 Resp: 1713420
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.1 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 40.41 ng

RT: 8.83 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

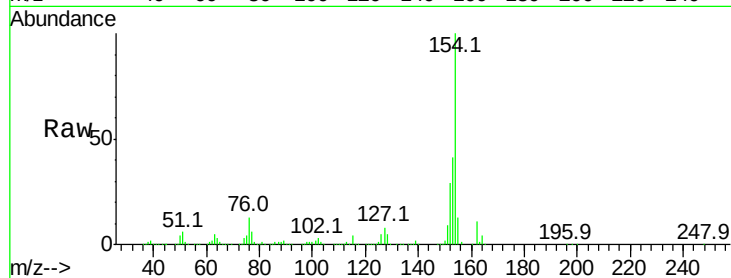
Tot Ion:154 Resp: 993437

Ion Ratio Lower Upper

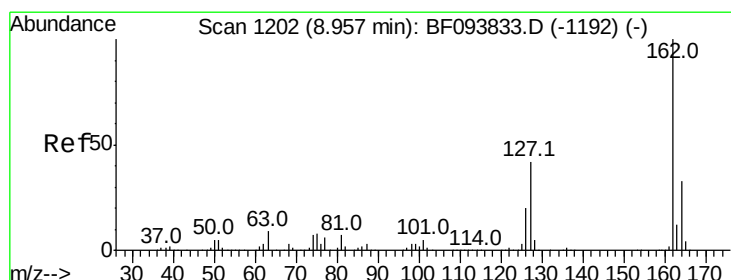
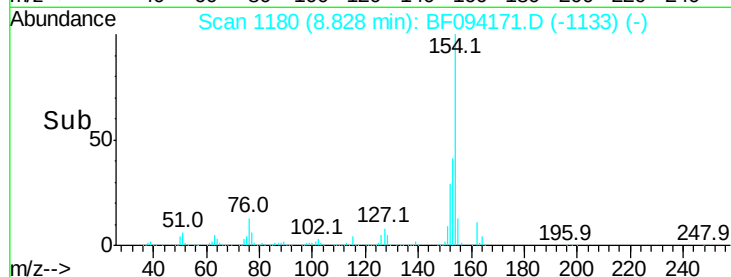
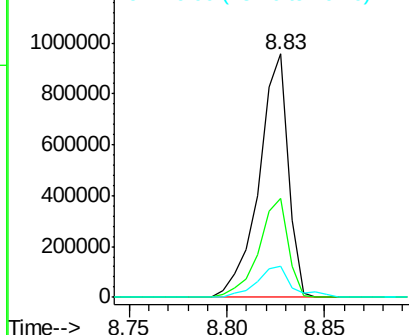
154 100

153 40.7 21.2 61.2

76 12.8 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: 41.05 ng

RT: 8.85 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

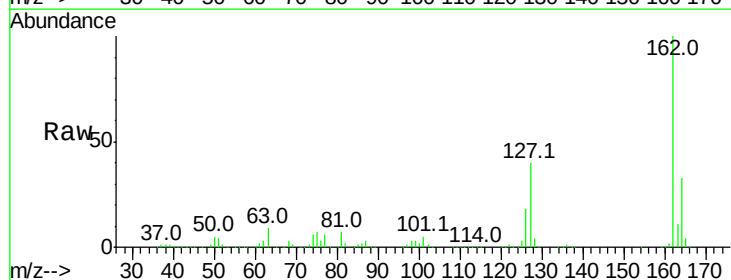
Tgt Ion:162 Resp: 789951

Ion Ratio Lower Upper

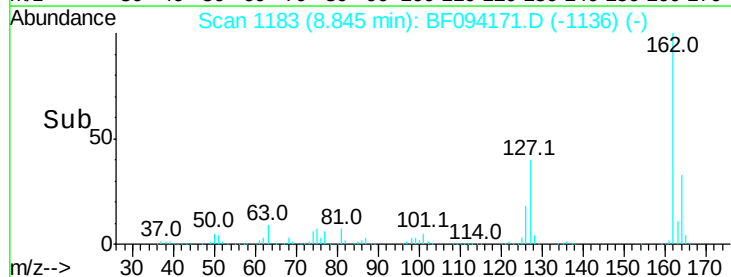
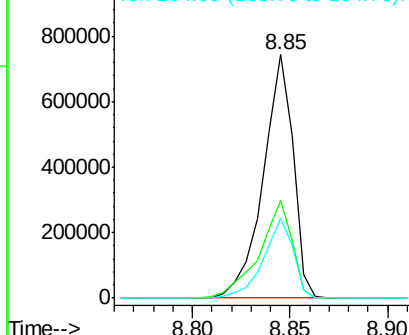
162 100

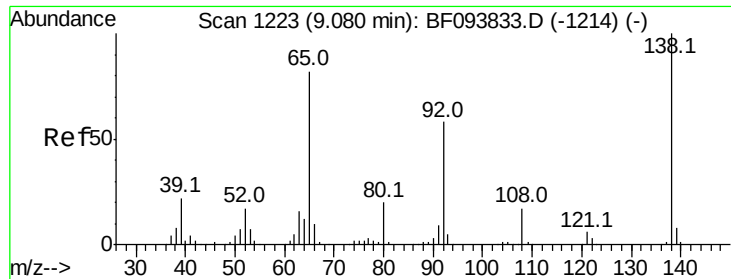
127 40.1 28.3 42.5

164 32.6 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

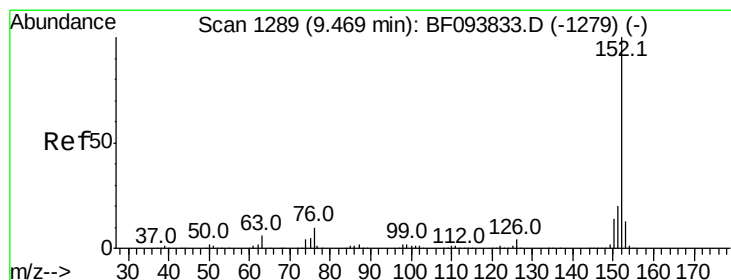
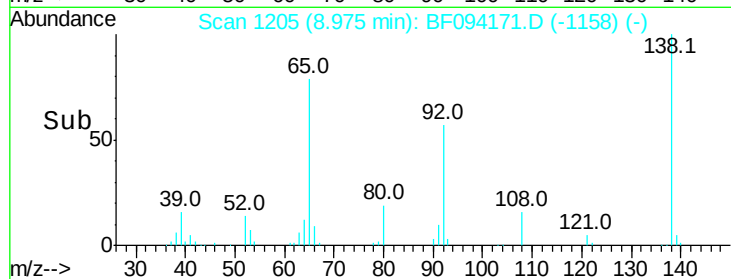
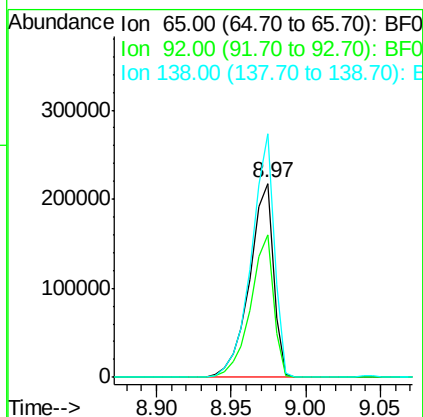
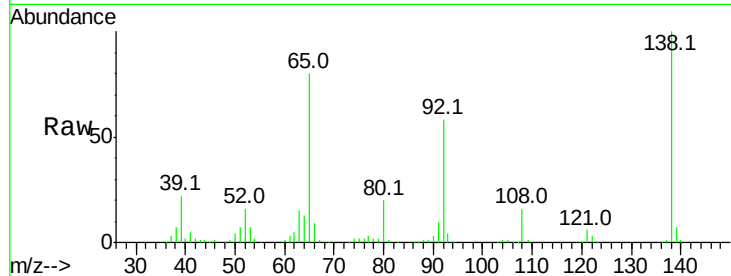




#47
 2-Nitroaniline
 Concen: 42.47 ng
 RT: 8.97 min Scan# 1205
 Delta R.T. -0.02 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

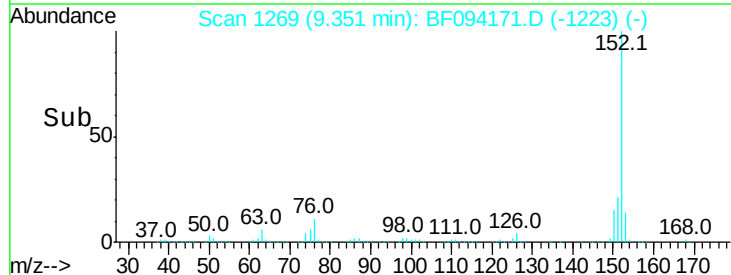
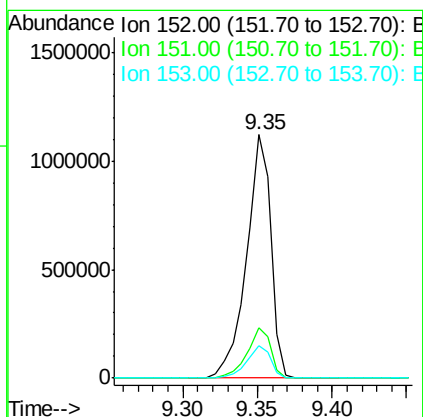
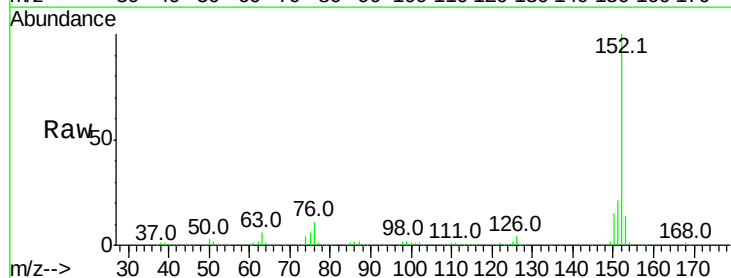
Instrument :
 BNA_F
 ClientSampleId :
 PB98028BS

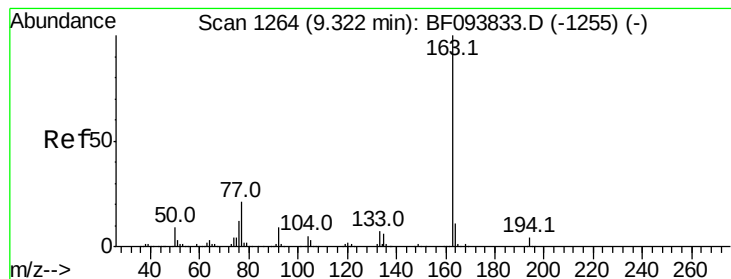
Tot Ion: 65 Resp: 242456
 Ion Ratio Lower Upper
 65 100
 92 73.1 53.9 80.9
 138 125.3 78.8 118.2#



#48
 Acenaphthylene
 Concen: 39.35 ng
 RT: 9.35 min Scan# 1269
 Delta R.T. -0.03 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

Tgt Ion:152 Resp: 1258678
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2
 153 13.6 10.8 16.2





#49

Dimethylphthalate

Concen: 43.77 ng

RT: 9.22 min Scan# 1246

Delta R.T. -0.03 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampled :

PB98028BS

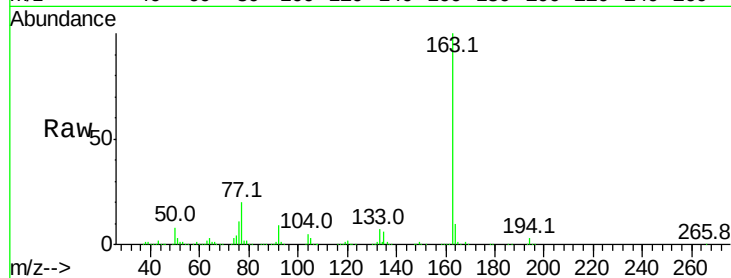
Tot Ion:163 Resp: 948300

Ion Ratio Lower Upper

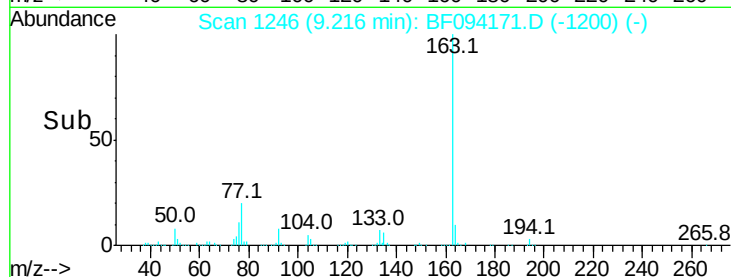
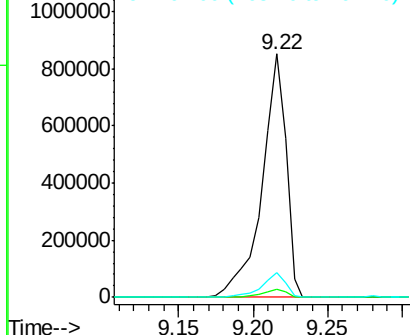
163 100

194 3.3 2.6 4.0

164 10.1 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 43.52 ng

RT: 9.28 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

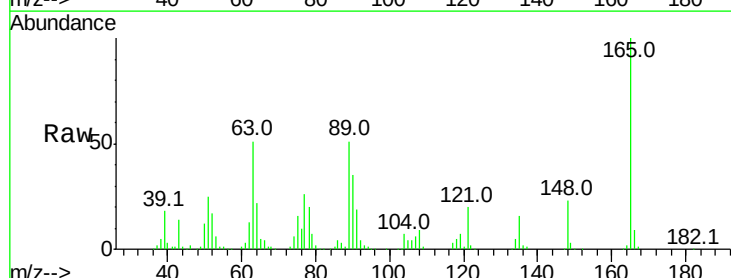
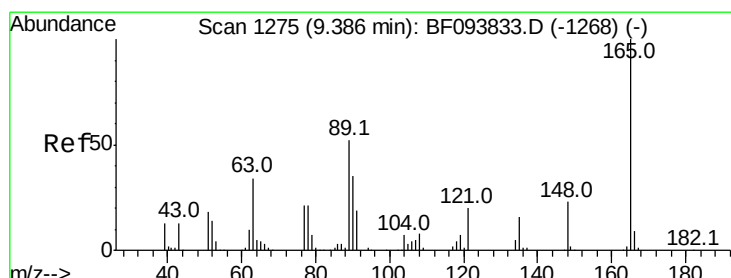
Tgt Ion:165 Resp: 216157

Ion Ratio Lower Upper

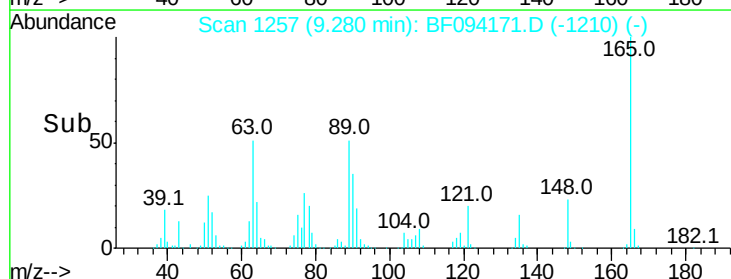
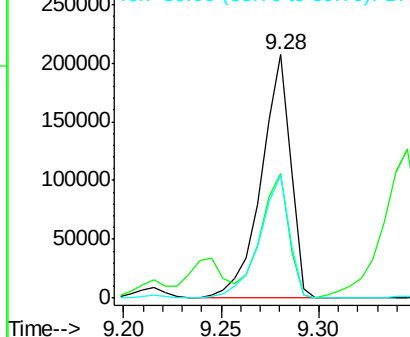
165 100

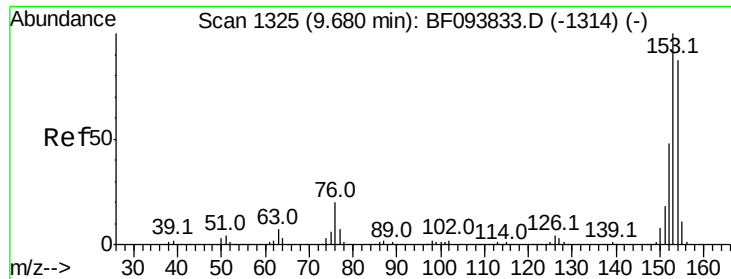
63 51.2 34.3 51.5

89 50.6 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: 40.16 ng

RT: 9.57 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

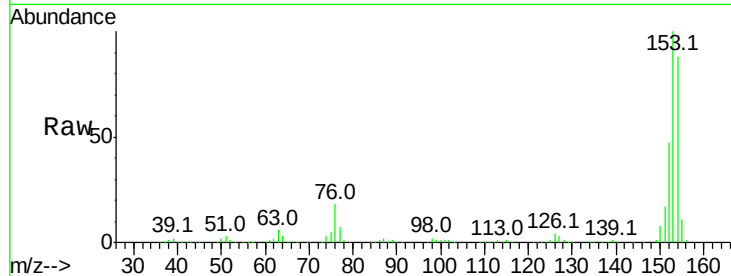
Tot Ion:154 Resp: 749499

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

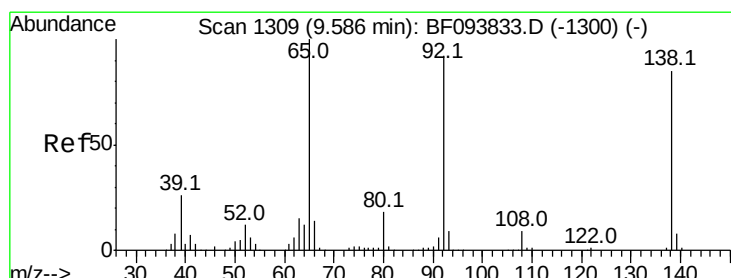
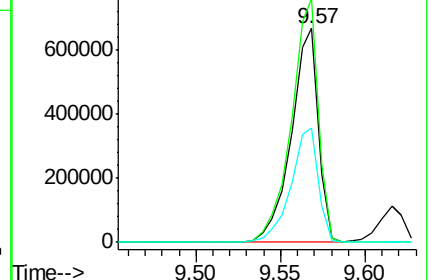
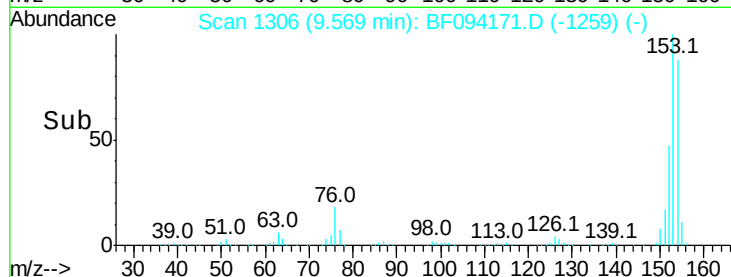
152 53.6 43.6 65.4



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: 14.70 ng

RT: 9.47 min Scan# 1290

Delta R.T. -0.04 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

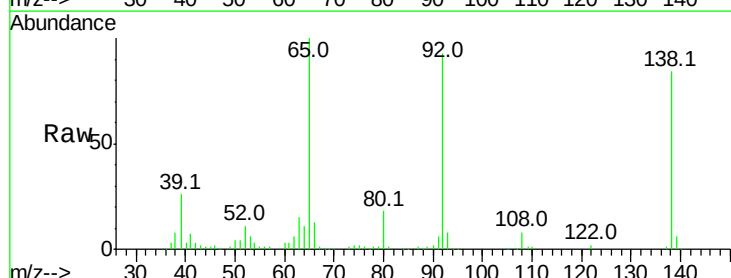
Tgt Ion:138 Resp: 85743

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

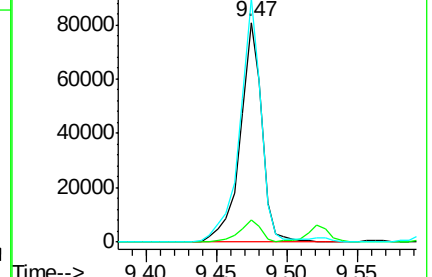
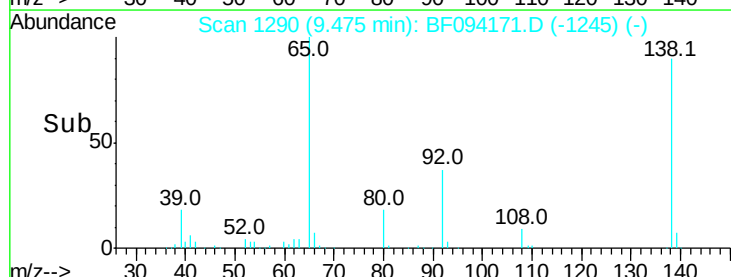
92 110.7 93.8 140.6

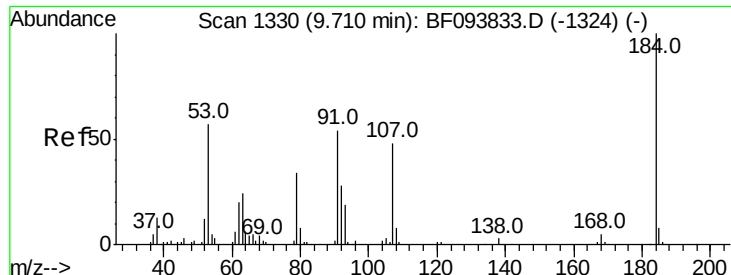


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

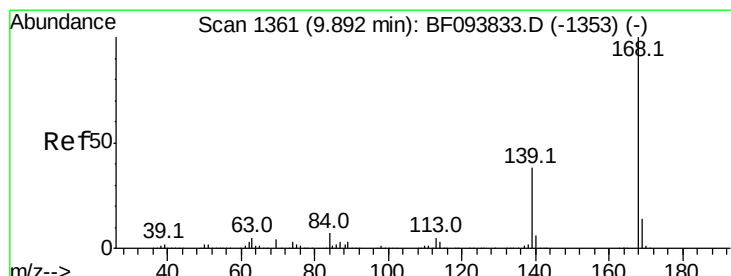
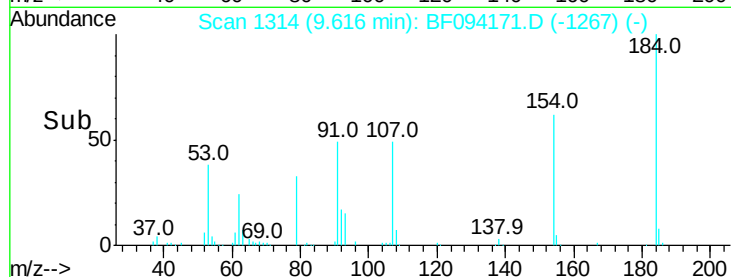
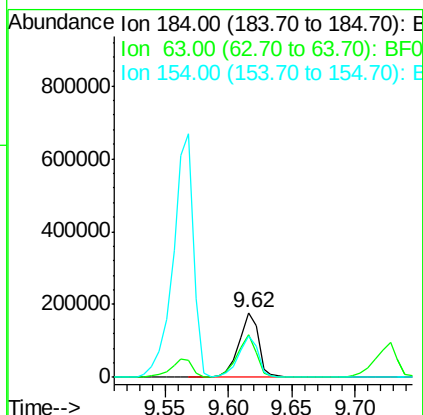
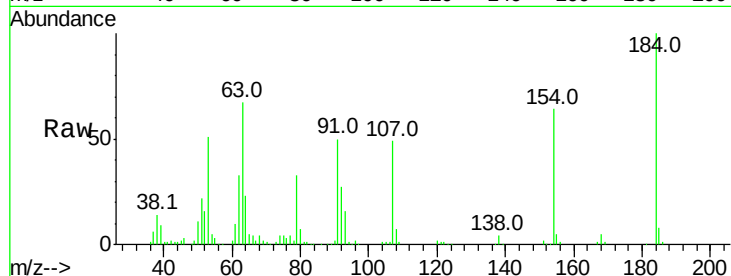




#53
2,4-Dinitrophenol
Concen: 73.19 ng
RT: 9.62 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

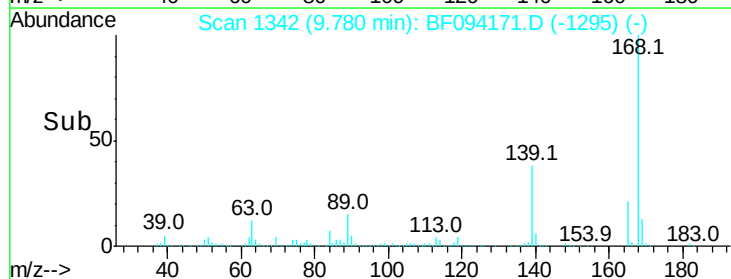
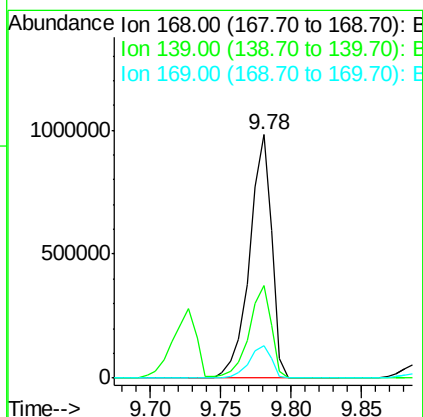
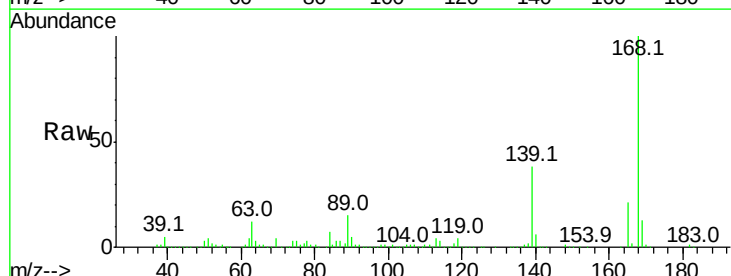
Instrument :
BNA_F
ClientSampleId :
PB98028BS

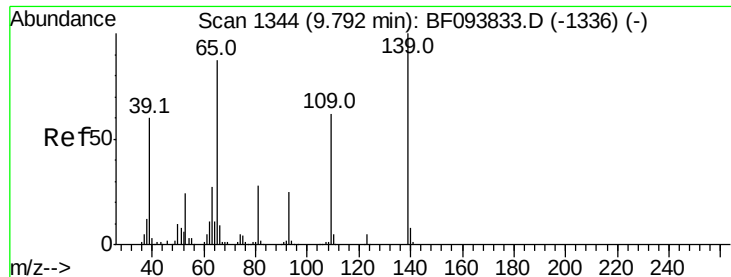
Tot Ion:184 Resp: 193418
Ion Ratio Lower Upper
184 100
63 66.9 62.7 94.1
154 63.8 81.1 121.7#



#54
Dibenzofuran
Concen: 42.55 ng
RT: 9.78 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

Tgt Ion:168 Resp: 1080906
Ion Ratio Lower Upper
168 100
139 38.1 30.6 45.8
169 13.3 10.8 16.2





#55

4-Nitrophenol

Concen: 72.50 ng

RT: 9.73 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

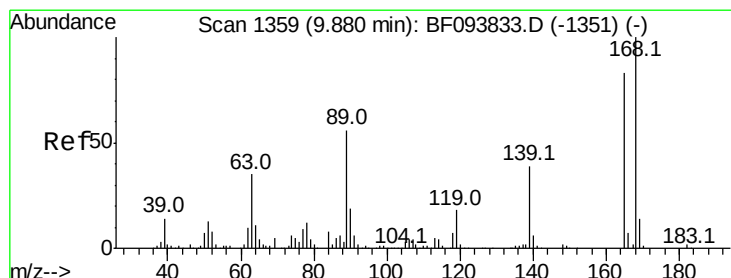
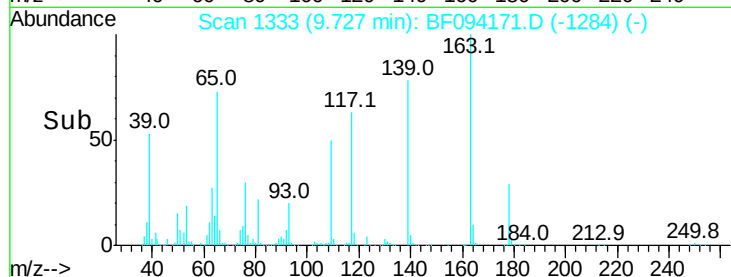
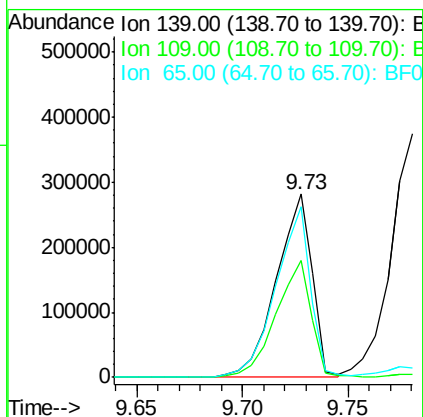
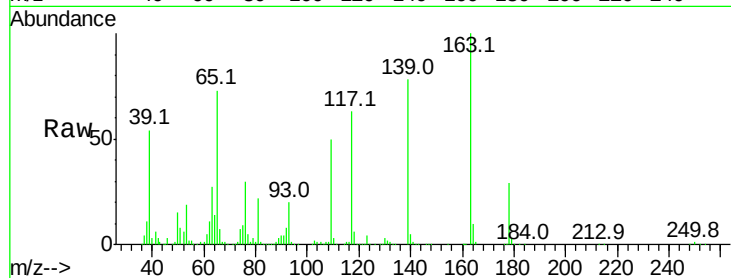
Tot Ion:139 Resp: 331130

Ion Ratio Lower Upper

139 100

109 63.9 34.1 74.1

65 93.2 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 43.22 ng

RT: 9.77 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Tgt Ion:165 Resp: 269661

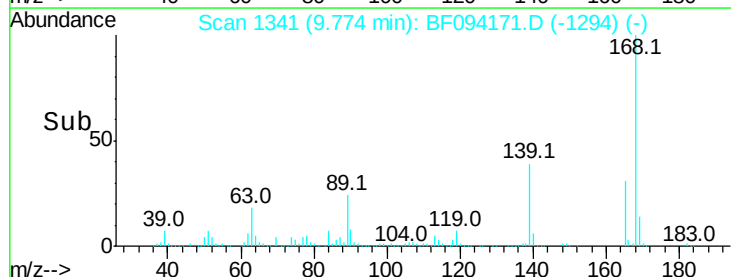
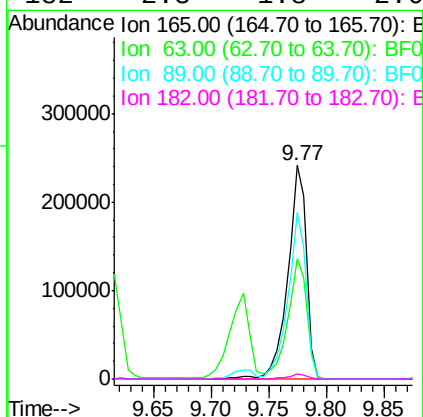
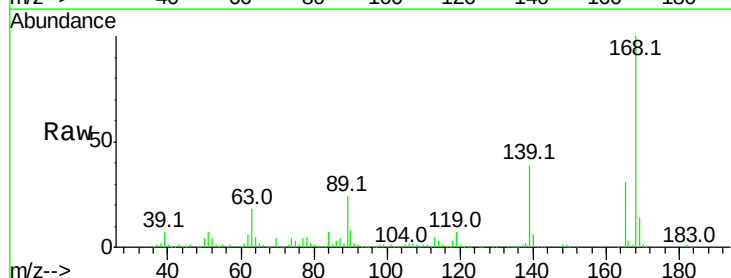
Ion Ratio Lower Upper

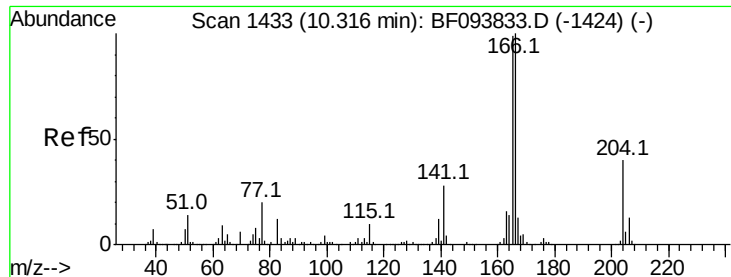
165 100

63 56.3 25.4 38.0#

89 77.8 46.4 69.6#

182 2.3 1.8 2.6





#57

Fluorene

Concen: 39.82 ng

RT: 10.20 min Scan# 1413

Delta R.T. -0.03 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

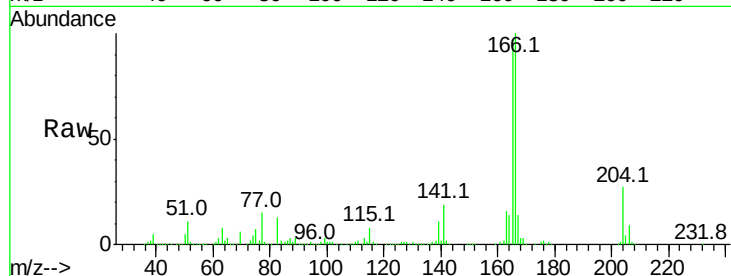
Tot Ion:166 Resp: 838969

Ion Ratio Lower Upper

166 100

165 97.4 78.8 118.2

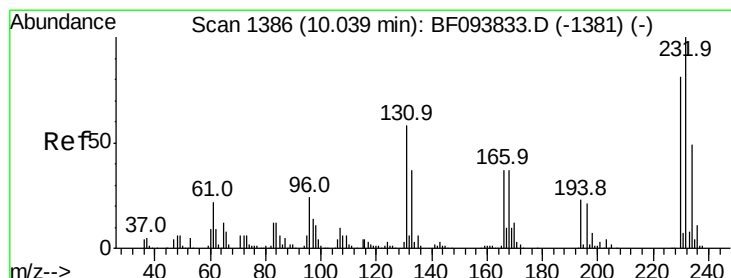
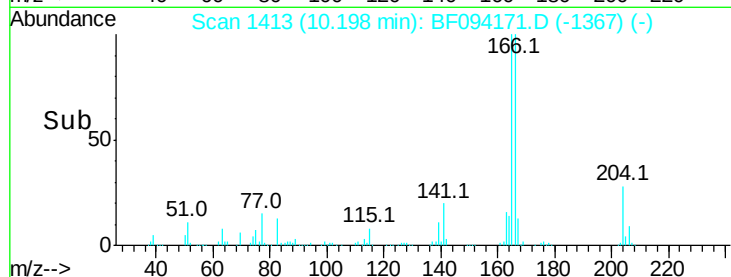
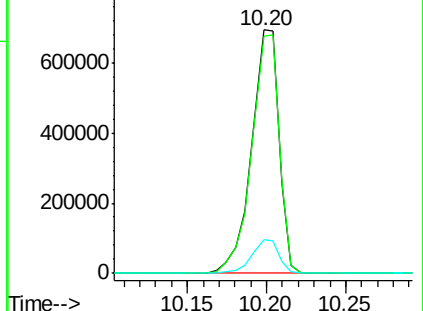
167 14.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.07 ng

RT: 9.94 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Tgt Ion:232 Resp: 197415

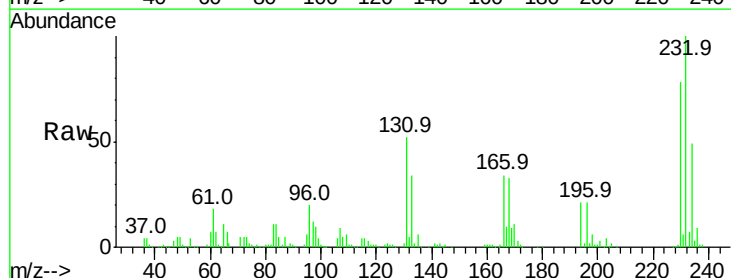
Ion Ratio Lower Upper

232 100

131 54.3 44.8 67.2

130 2.6 2.3 3.5

166 34.7 29.0 43.4

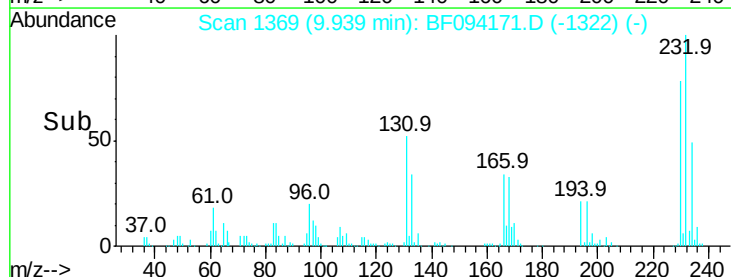
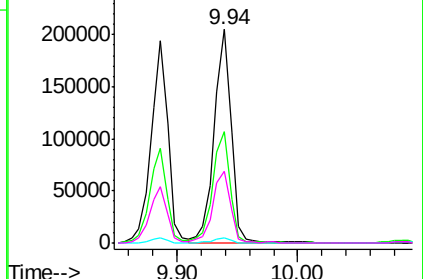


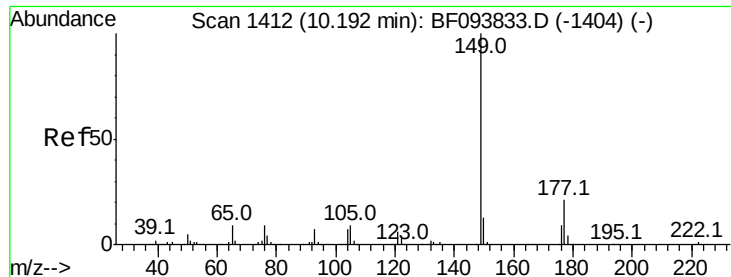
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

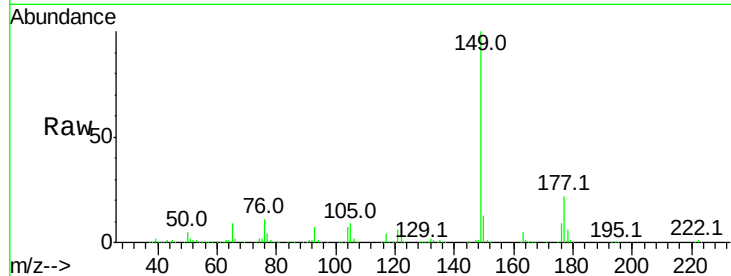




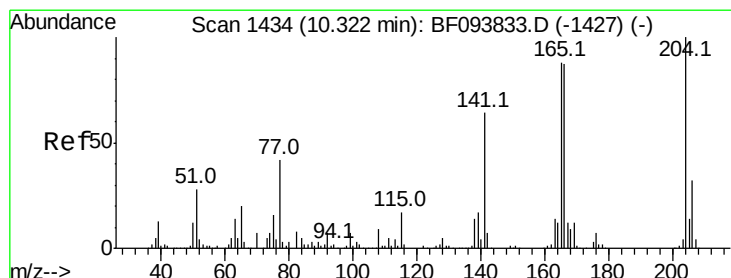
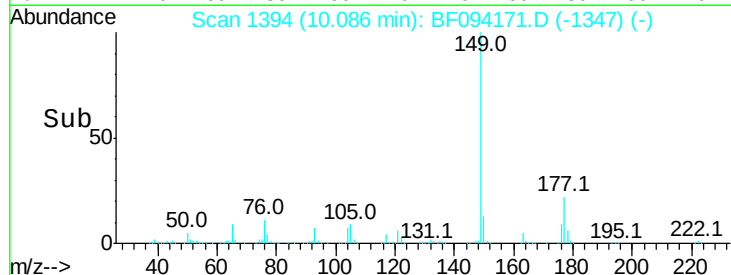
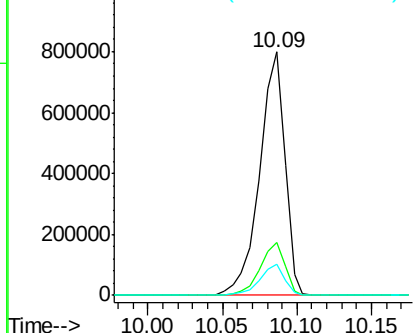
#59
Diethylphthalate
Concen: 43.41 ng
RT: 10.09 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

Instrument :
BNA_F
ClientSampled :
PB98028BS

Tot Ion:149 Resp: 929669
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.6 10.2 15.2

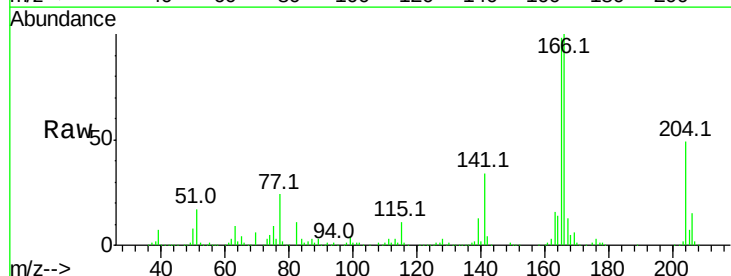


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

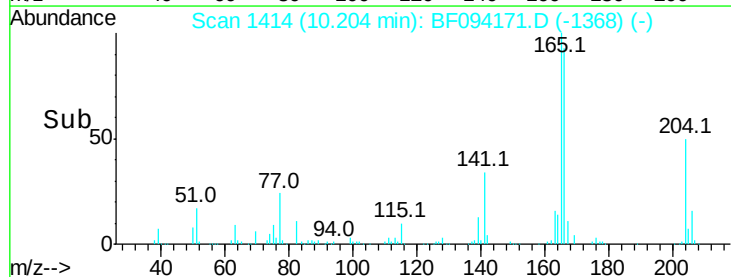
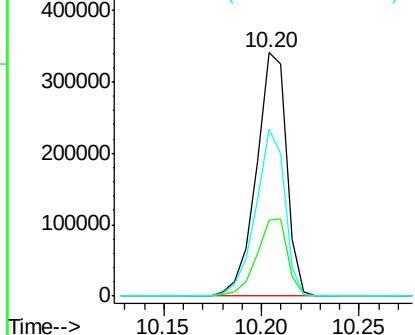


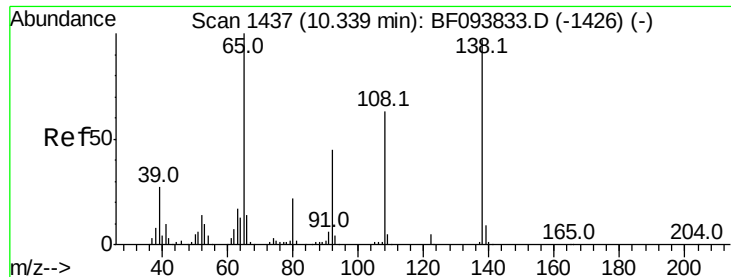
#60
4-Chlorophenyl-phenylether
Concen: 40.71 ng
RT: 10.20 min Scan# 1414
Delta R.T. -0.03 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

Tgt Ion:204 Resp: 365385
Ion Ratio Lower Upper
204 100
206 31.3 26.2 39.2
141 68.5 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

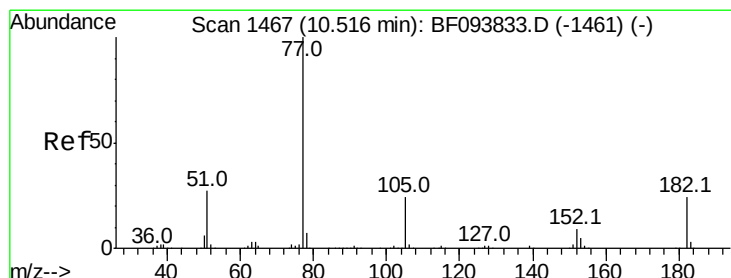
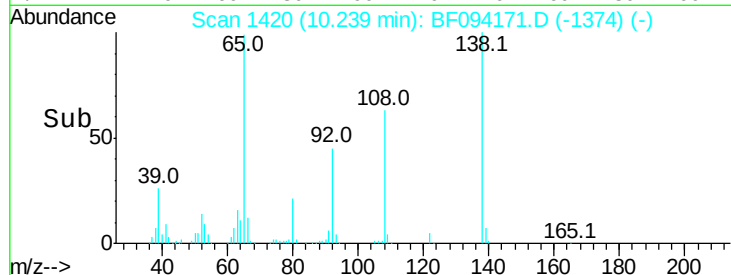
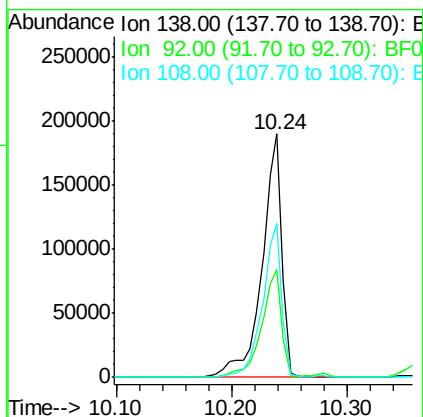
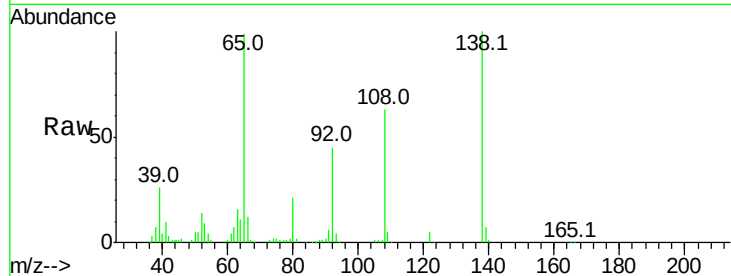




#61
4-Nitroaniline
Concen: 40.82 ng
RT: 10.24 min Scan# 1420
Delta R.T. -0.03 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

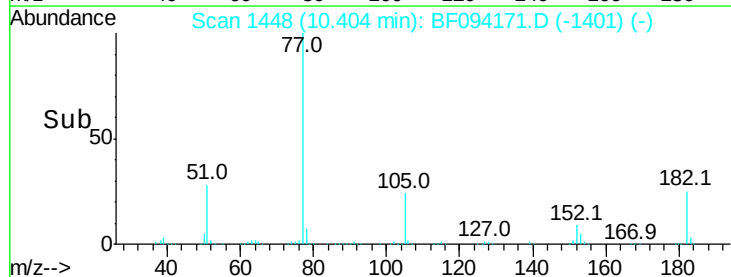
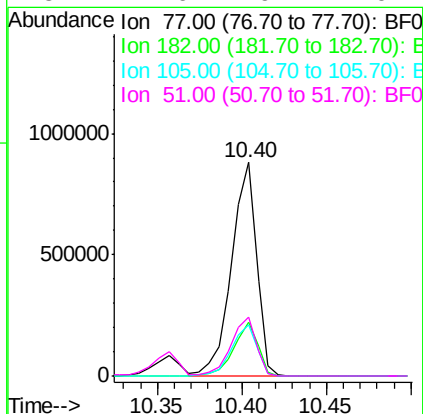
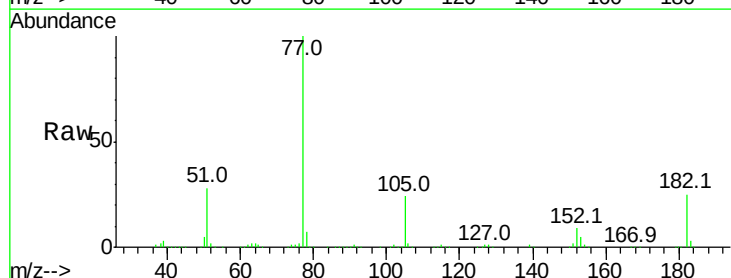
Instrument :
BNA_F
ClientSampleId :
PB98028BS

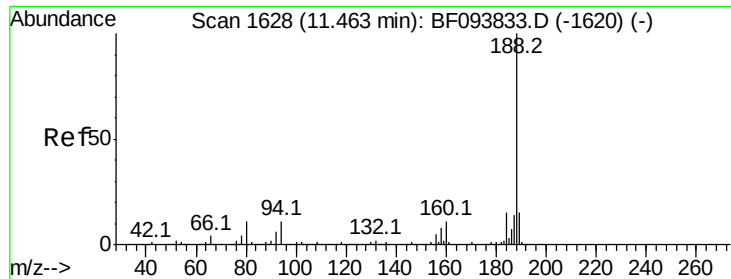
Tot Ion:138 Resp: 228479
Ion Ratio Lower Upper
138 100
92 44.6 21.8 61.8
108 63.2 42.3 82.3



#62
Azobenzene
Concen: 44.61 ng
RT: 10.40 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

Tgt Ion: 77 Resp: 903603
Ion Ratio Lower Upper
77 100
182 25.3 0.1 40.1
105 23.9 3.6 43.6
51 27.6 9.4 49.4

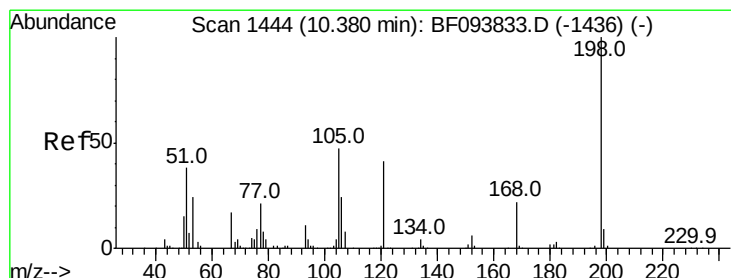
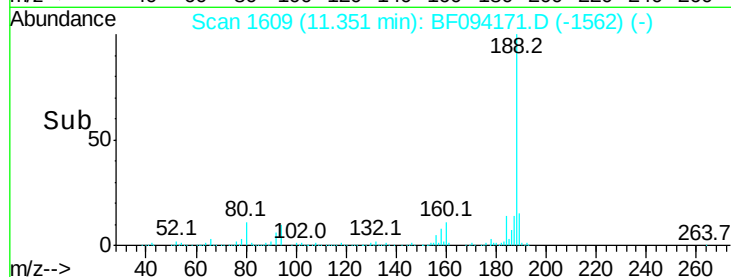
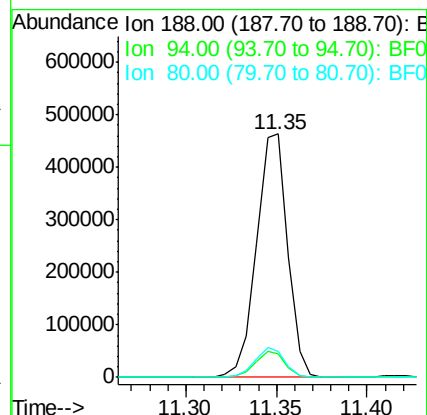
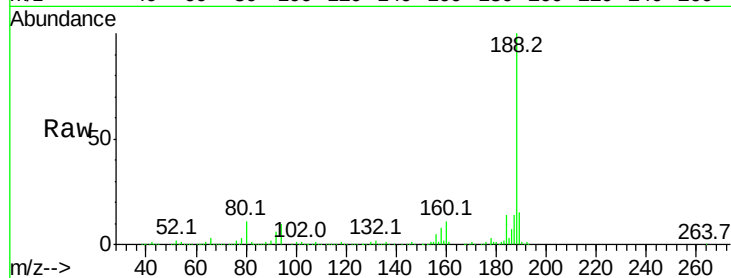




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 1609
 Delta R.T. -0.02 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

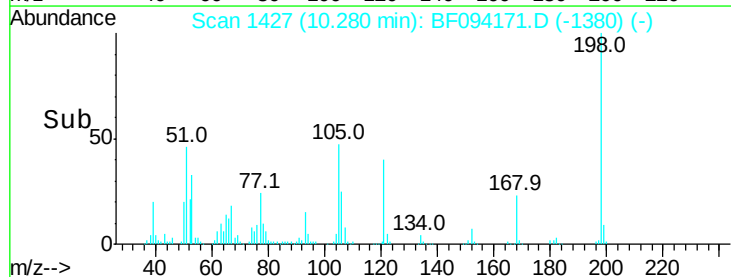
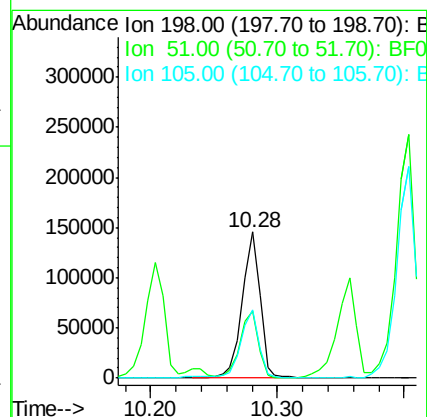
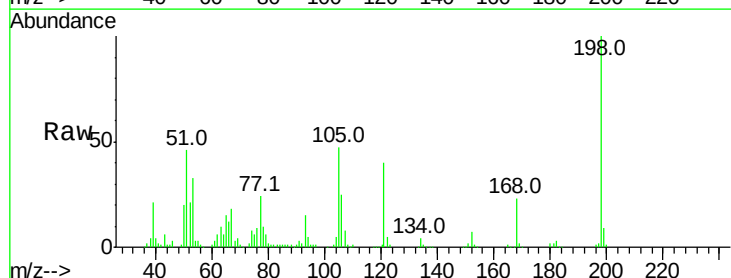
Instrument :
 BNA_F
 ClientSampleId :
 PB98028BS

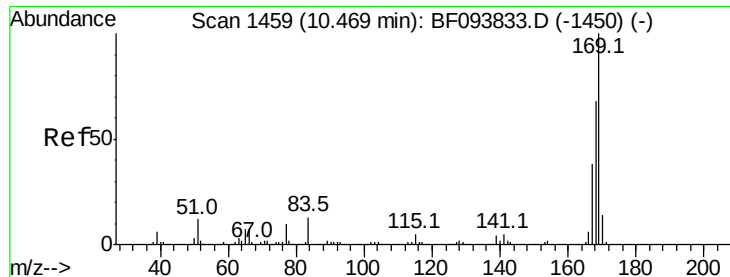
Tot Ion:188 Resp: 551742
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 10.9 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 41.90 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.02 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

Tgt Ion:198 Resp: 141576
 Ion Ratio Lower Upper
 198 100
 51 45.9 53.2 93.2#
 105 47.0 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 40.97 ng

RT: 10.36 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

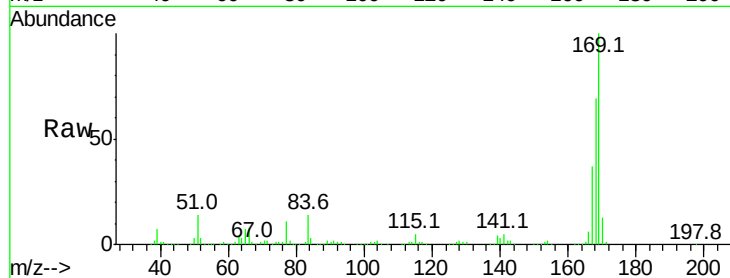
Tot Ion:169 Resp: 781735

Ion Ratio Lower Upper

169 100

168 69.1 53.2 79.8

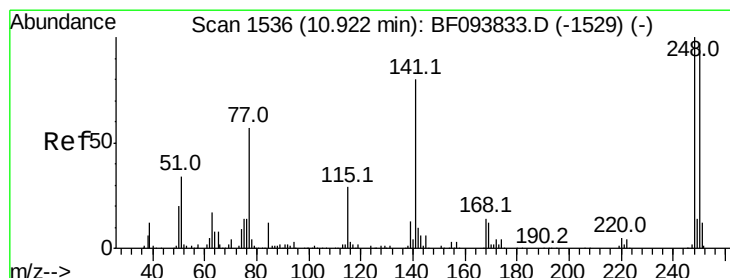
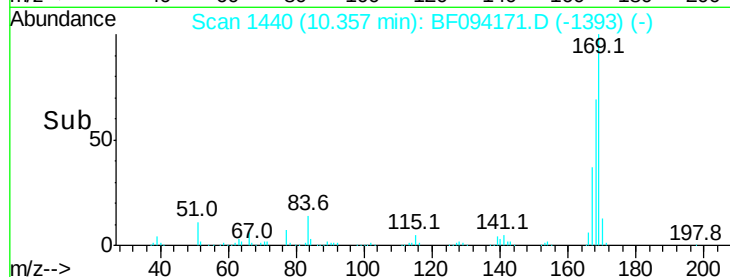
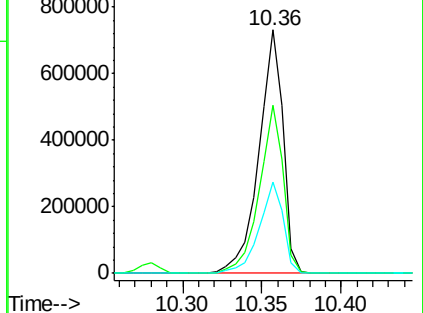
167 37.3 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.56 ng

RT: 10.80 min Scan# 1516

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

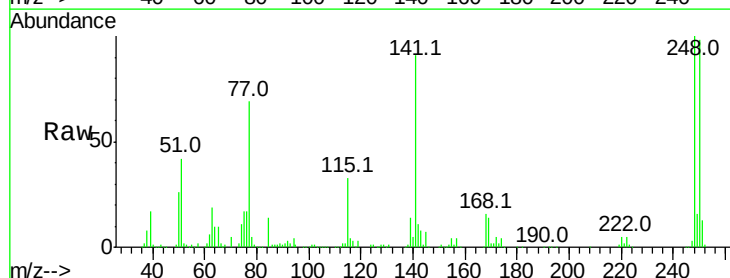
Tgt Ion:248 Resp: 225529

Ion Ratio Lower Upper

248 100

250 97.9 76.8 115.2

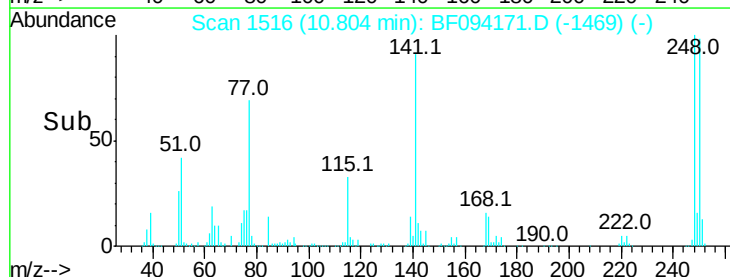
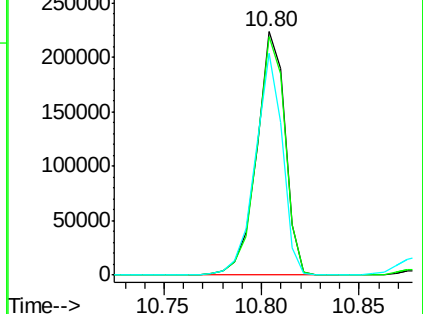
141 91.1 68.6 103.0

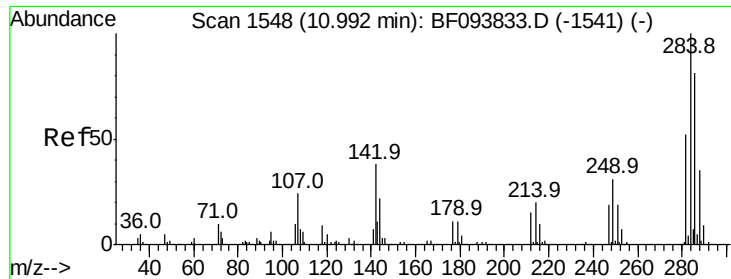


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.64 ng

RT: 10.88 min Scan# 1529

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

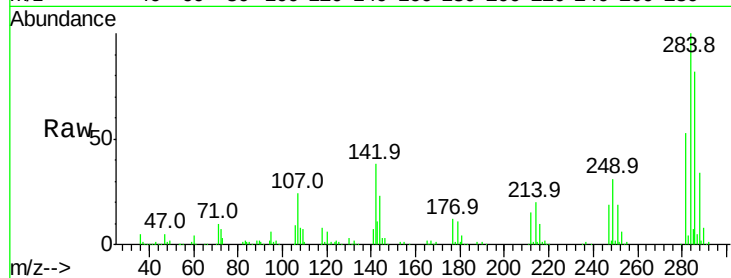
Tot Ion:284 Resp: 228709

Ion Ratio Lower Upper

284 100

142 38.2 22.8 34.2#

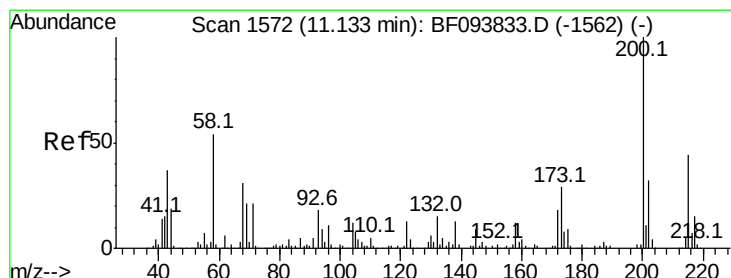
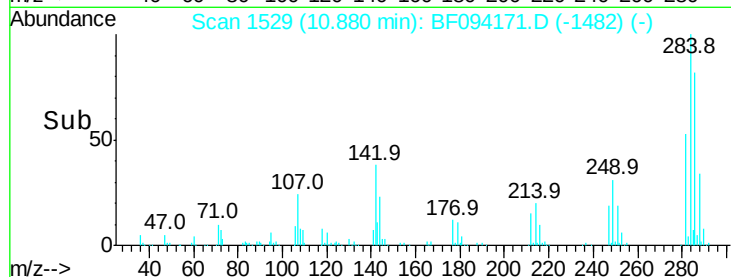
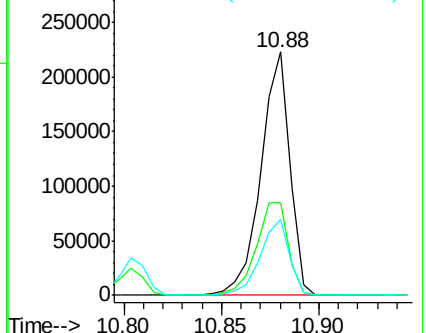
249 31.4 24.0 36.0



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: 40.27 ng

RT: 11.03 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

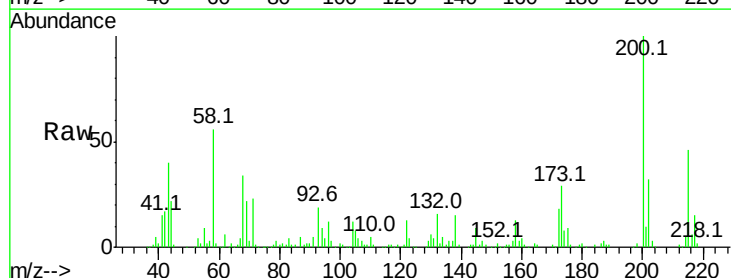
Tgt Ion:200 Resp: 230129

Ion Ratio Lower Upper

200 100

173 29.4 6.3 46.3

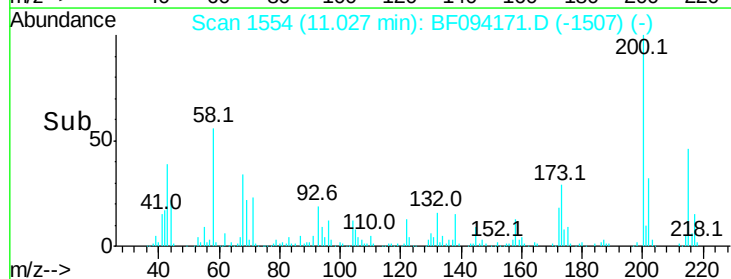
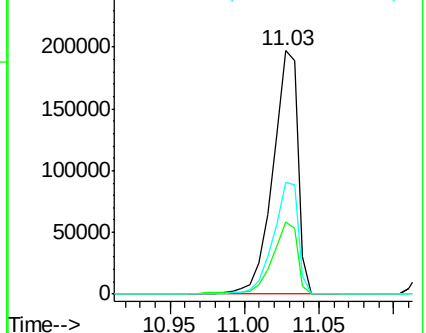
215 46.0 27.2 67.2

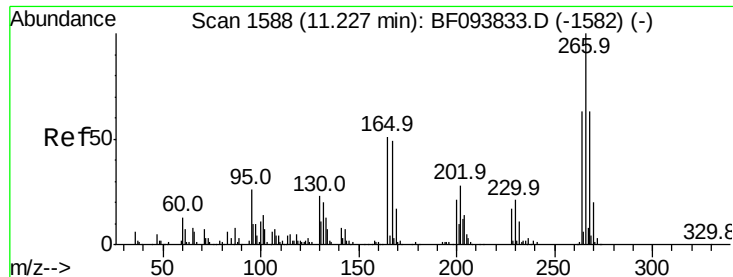


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

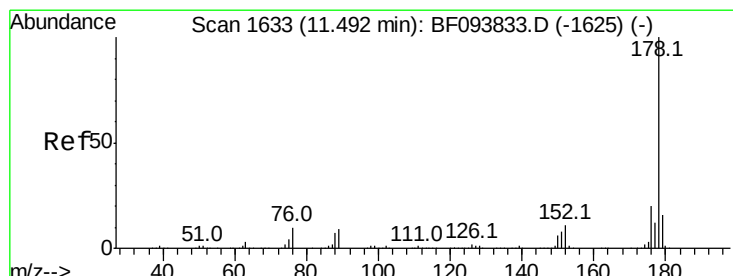
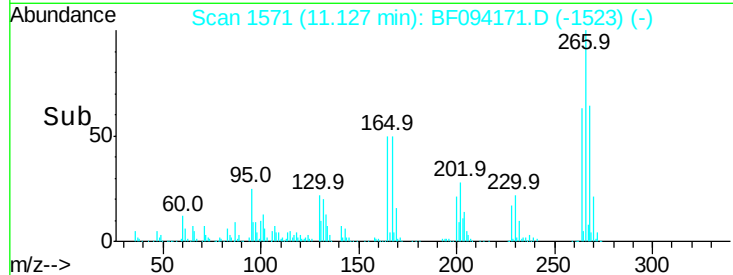
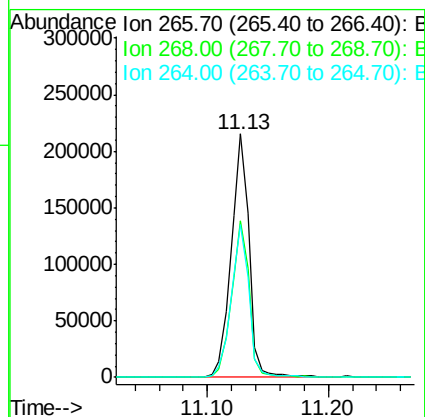
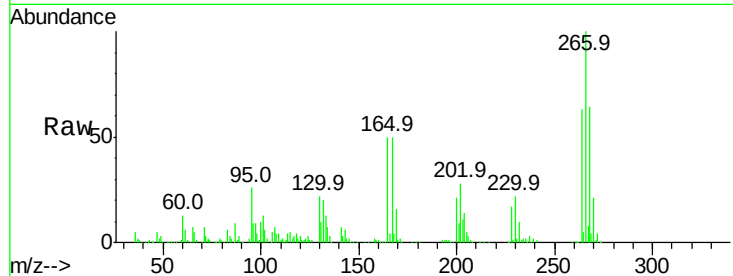




#69
 Pentachlorophenol
 Concen: 65.02 ng
 RT: 11.13 min Scan# 1571
 Delta R.T. -0.02 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

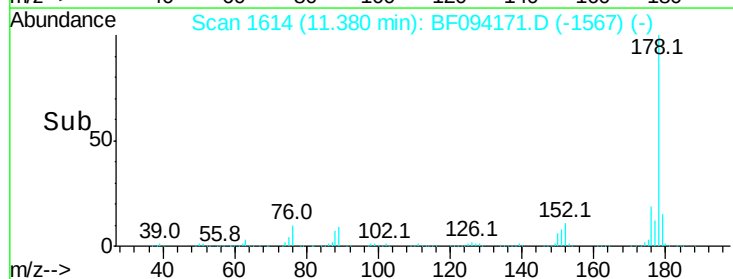
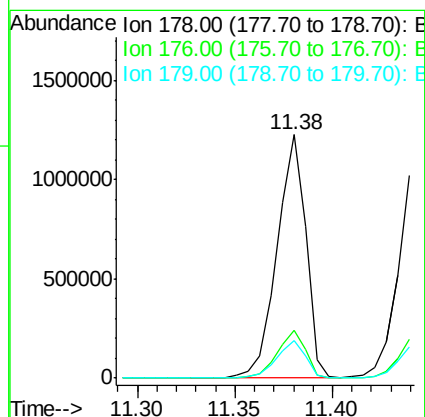
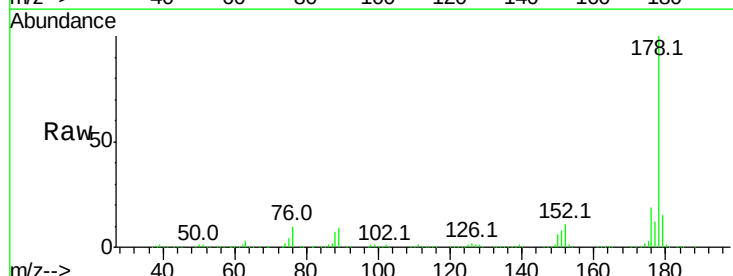
Instrument :
 BNA_F
 ClientSampleId :
 PB98028BS

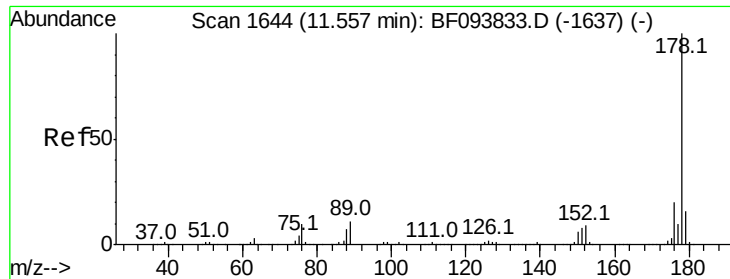
Tot Ion:	266	Resp:	222308
Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.1	76.7
264	62.7	51.7	77.5



#70
 Phenanthrene
 Concen: 40.92 ng
 RT: 11.38 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

Tgt Ion:	178	Resp:	1255888
Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.4	12.6	19.0

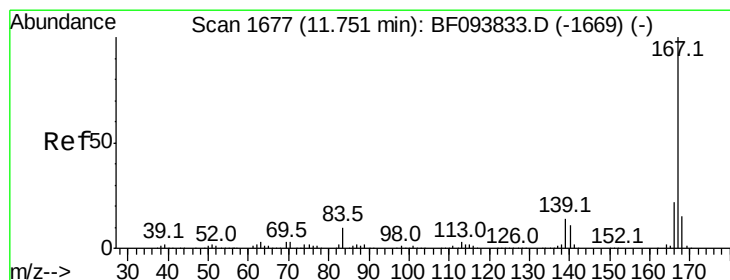
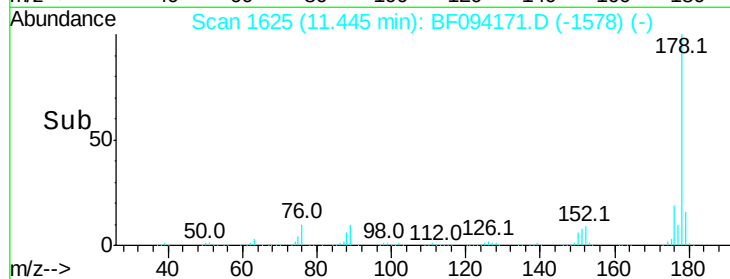
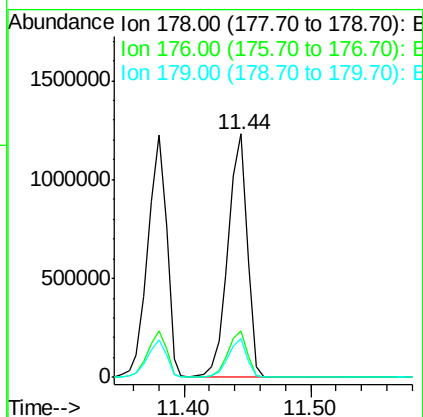
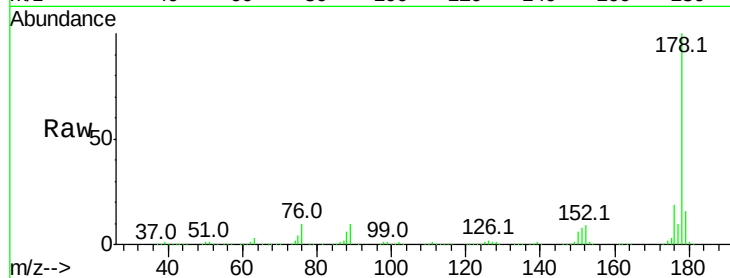




#71
 Anthracene
 Concen: 40.95 ng
 RT: 11.44 min Scan# 1625
 Delta R.T. -0.02 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

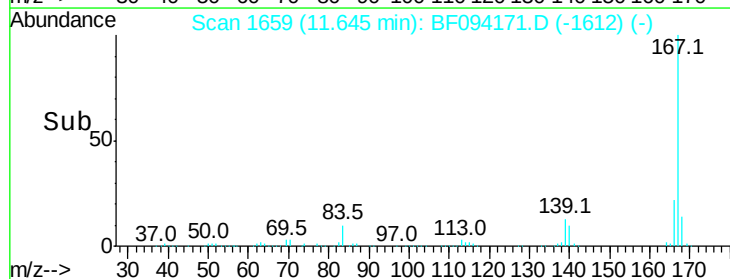
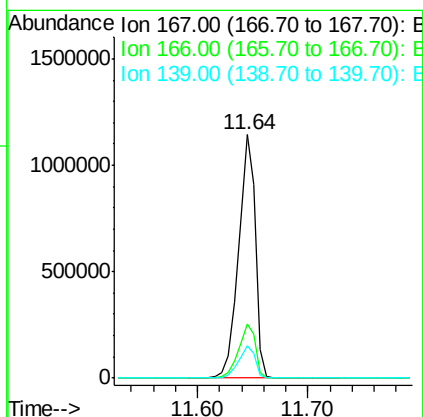
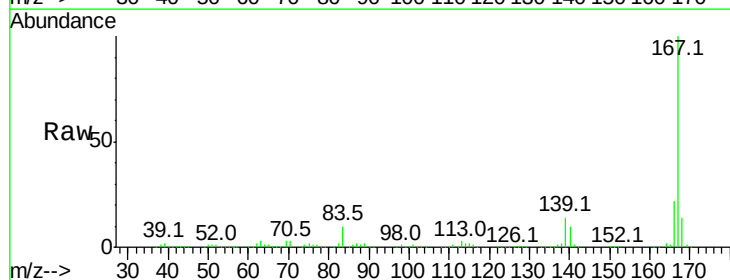
Instrument :
 BNA_F
 ClientSampleId :
 PB98028BS

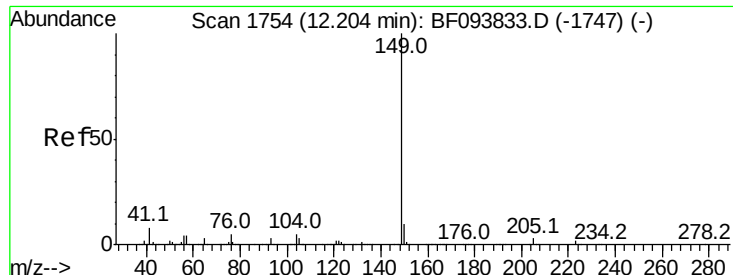
Tot Ion:178 Resp: 1294243
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 37.58 ng
 RT: 11.64 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

Tgt Ion:167 Resp: 1217833
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.5 11.7 17.5





#73

Di-n-butylphthalate

Concen: 44.06 ng

RT: 12.10 min Scan# 1736

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

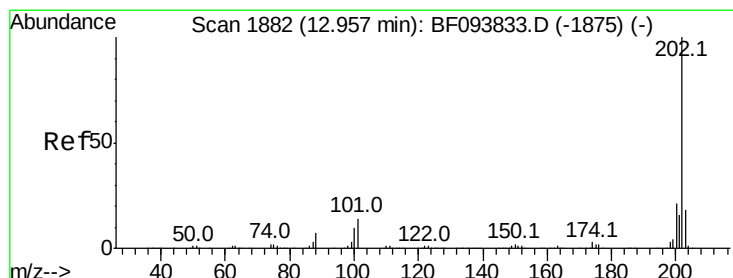
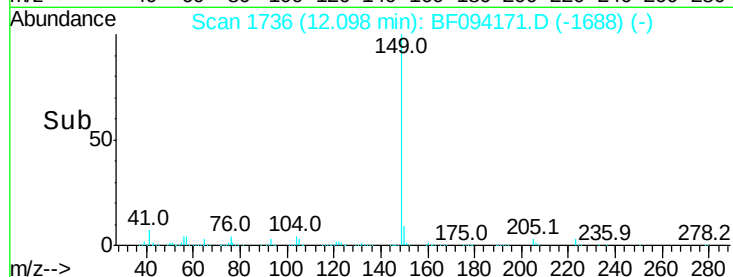
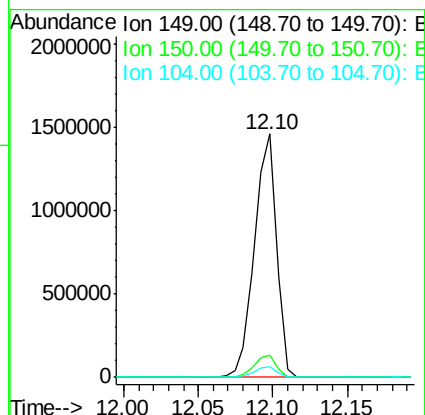
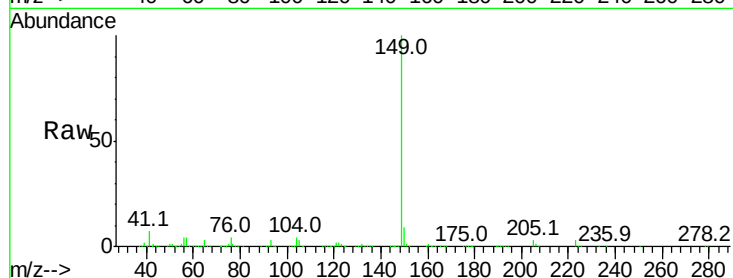
Tot Ion:149 Resp: 1484706

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

104 4.5 4.0 6.0



#74

Fluoranthene

Concen: 41.08 ng

RT: 12.84 min Scan# 1863

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

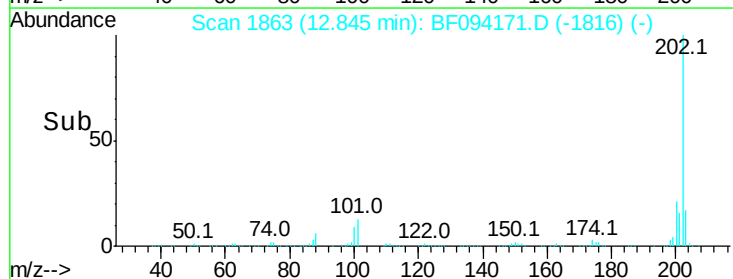
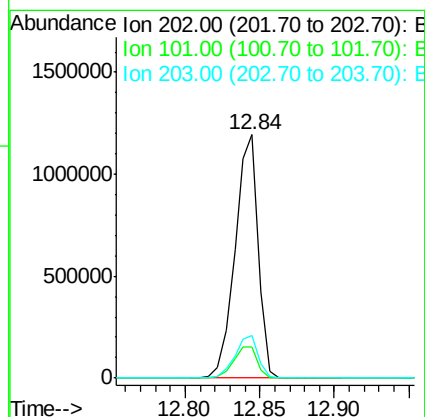
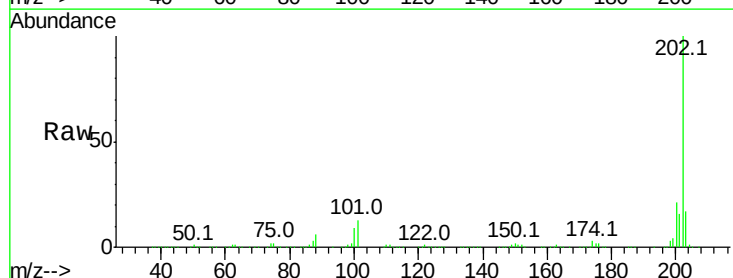
Tgt Ion:202 Resp: 1291055

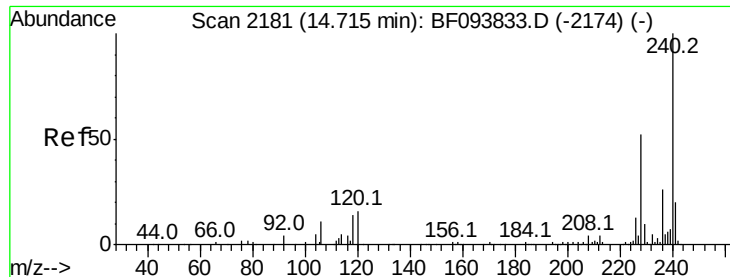
Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

203 17.5 0.0 38.1

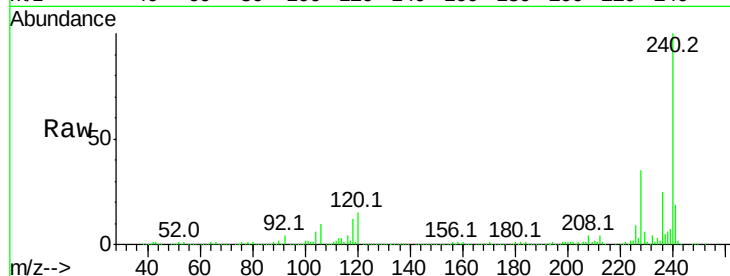




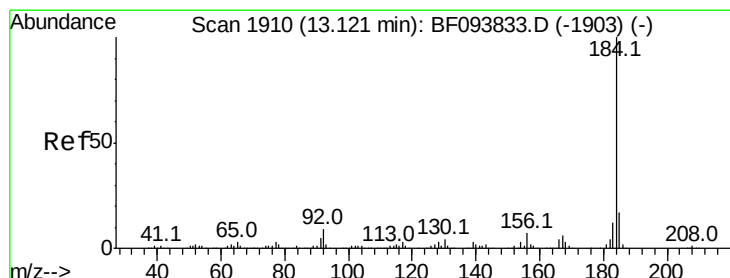
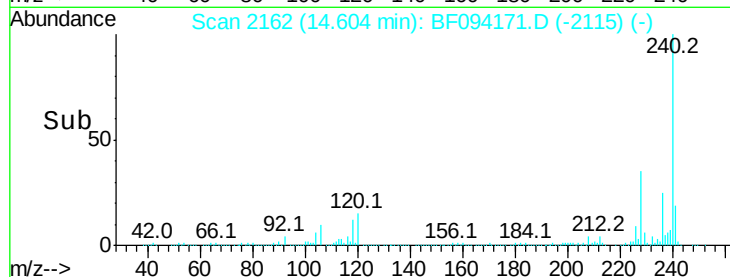
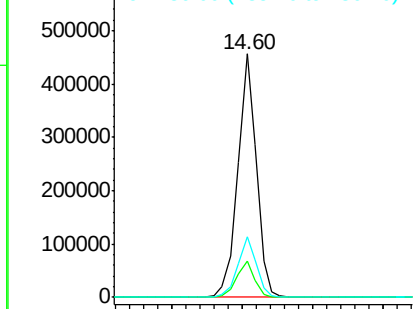
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

Instrument :
BNA_F
ClientSampleId :
PB98028BS

Tot Ion:240 Resp: 416667
Ion Ratio Lower Upper
240 100
120 14.7 5.8 8.8#
236 25.0 20.5 30.7

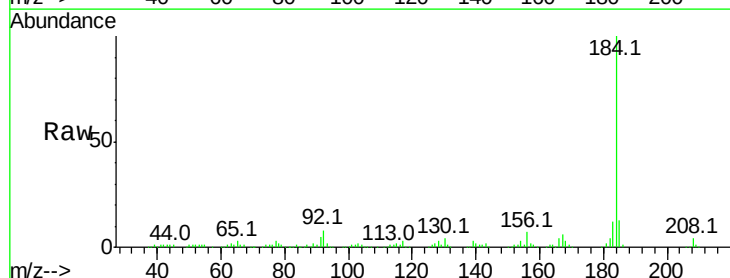


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

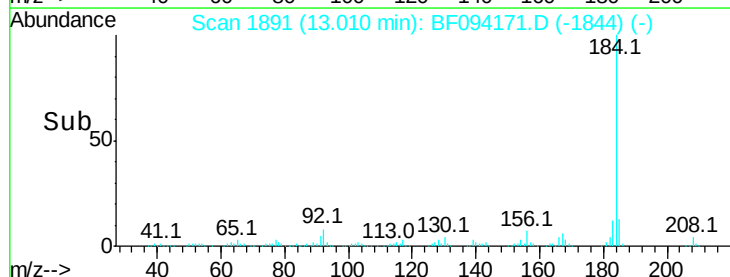
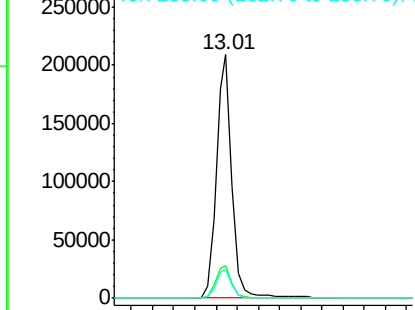


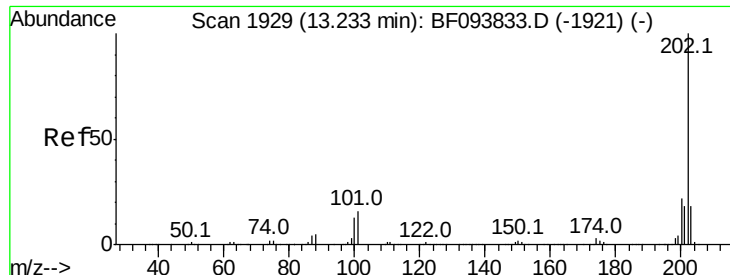
#76
Benzidine
Concen: 13.14 ng
RT: 13.01 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

Tgt Ion:184 Resp: 216733
Ion Ratio Lower Upper
184 100
185 13.4 15.5 23.3#
183 11.8 9.8 14.6



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



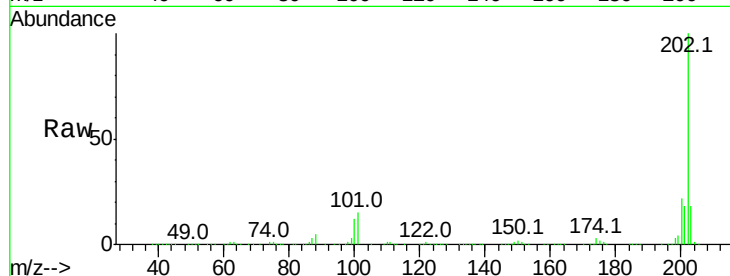


#77
 Pvrene
 Concen: 43.28 ng
 RT: 13.12 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

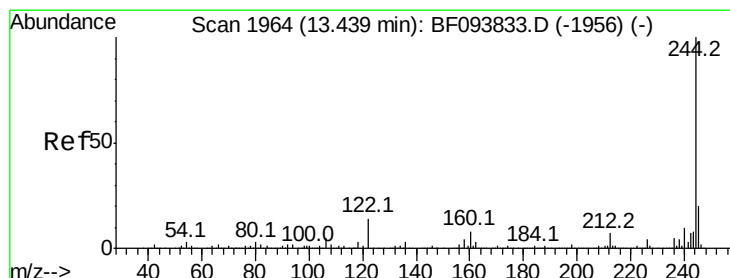
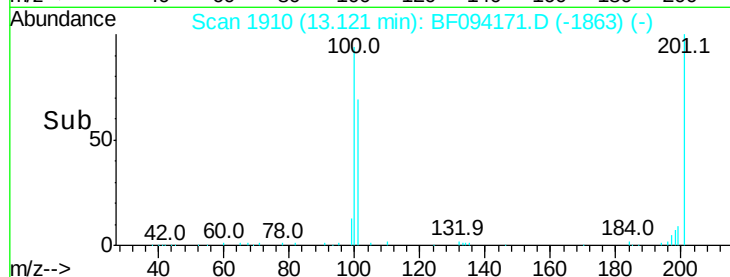
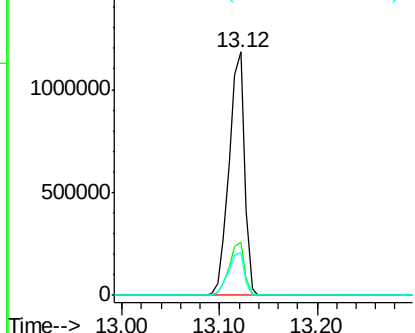
Instrument :
 BNA_F
 ClientSampleId :
 PB98028BS

Tot Ion:202 Resp: 1308686

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.5	14.4	21.6



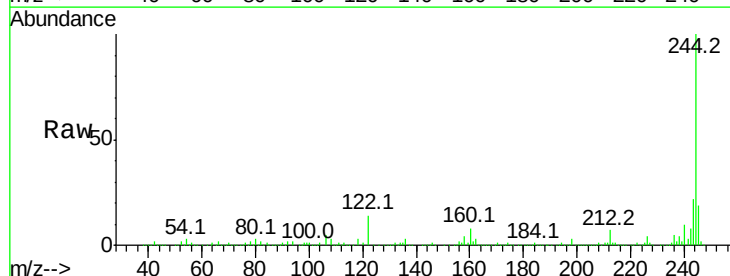
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



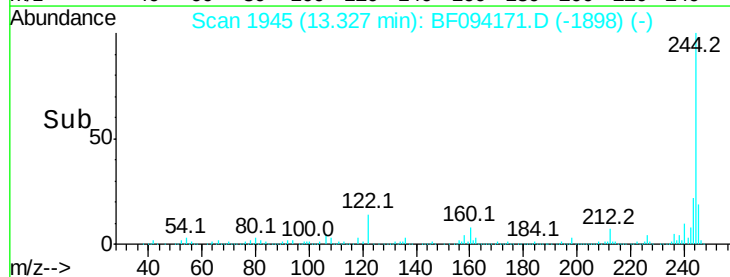
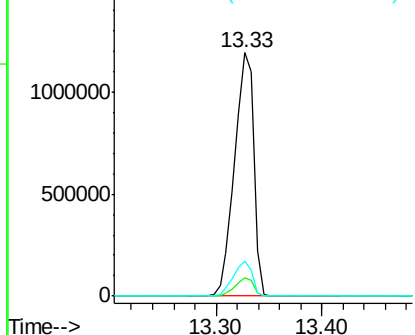
#78
 Terphenyl-d14
 Concen: 79.95 ng
 RT: 13.33 min Scan# 1945
 Delta R.T. -0.02 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

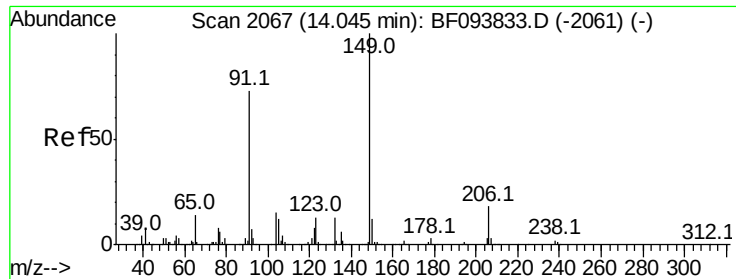
Tgt Ion:244 Resp: 1486249

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.3	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

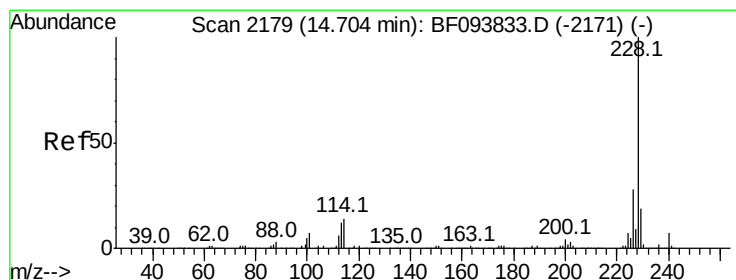
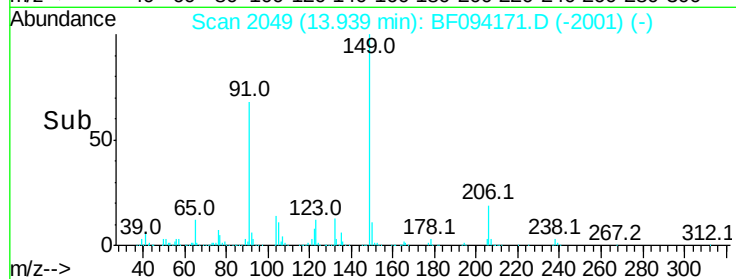
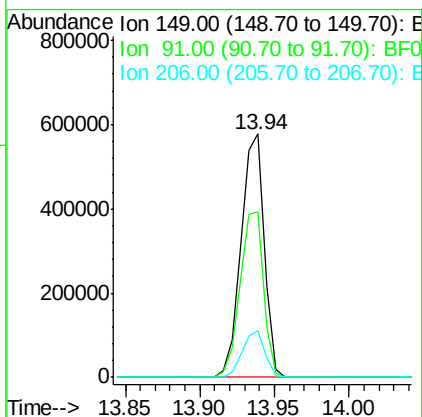
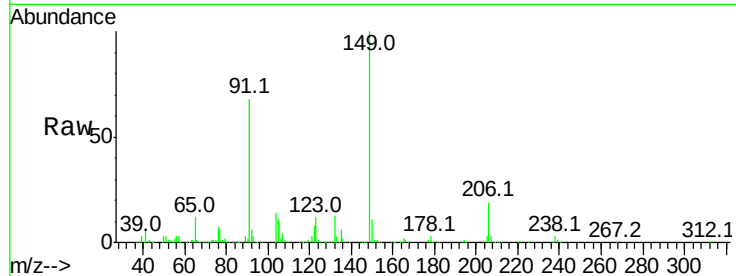




#79
Butylbenzylphthalate
Concen: 48.22 ng
RT: 13.94 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

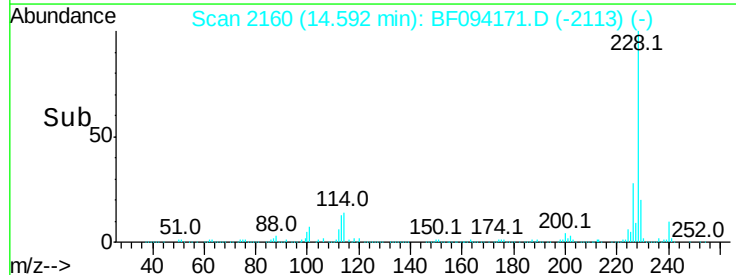
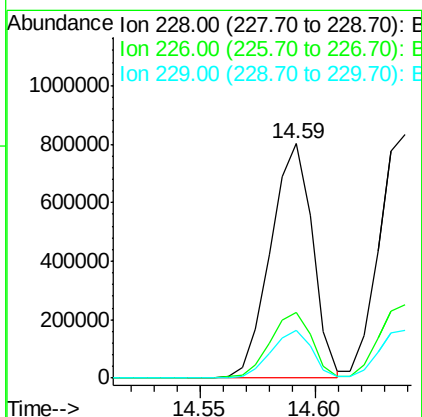
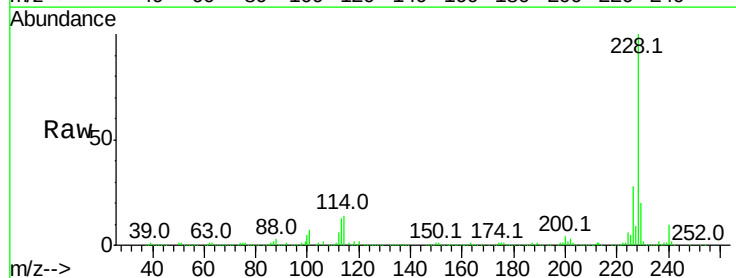
Instrument :
BNA_F
ClientSampleId :
PB98028BS

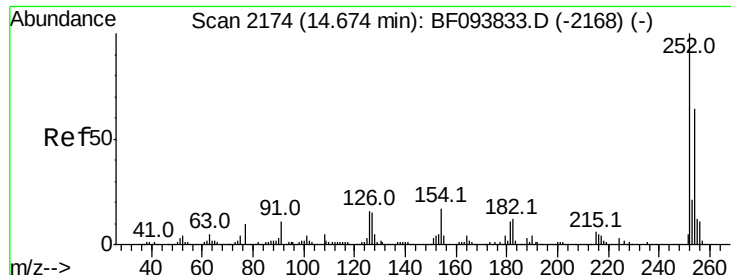
Tot Ion	Ratio	Lower	Upper
149	100		
91	68.0	45.0	67.4#
206	19.0	17.0	25.6



#80
Benzo(a)anthracene
Concen: 41.55 ng
RT: 14.59 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.2	16.3	24.5

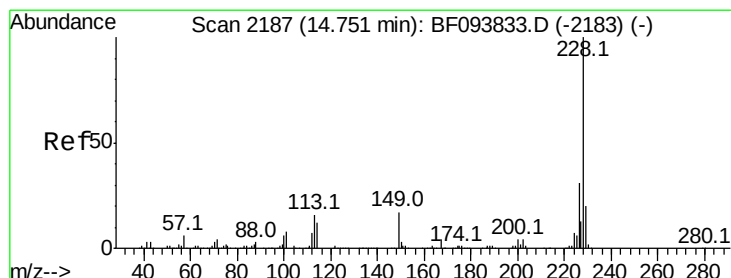
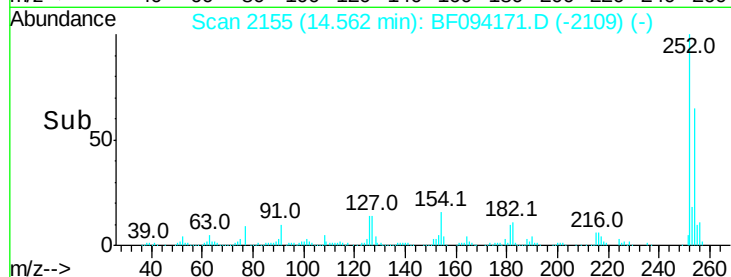
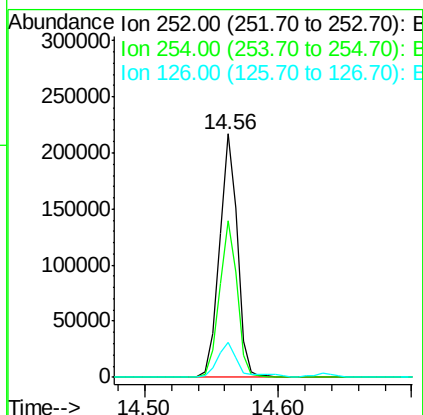
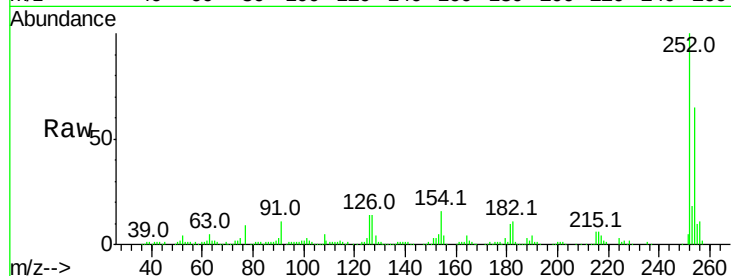




#81
 3,3'-Dichlorobenzidine
 Concen: 23.64 ng
 RT: 14.56 min Scan# 2155
 Delta R.T. -0.03 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

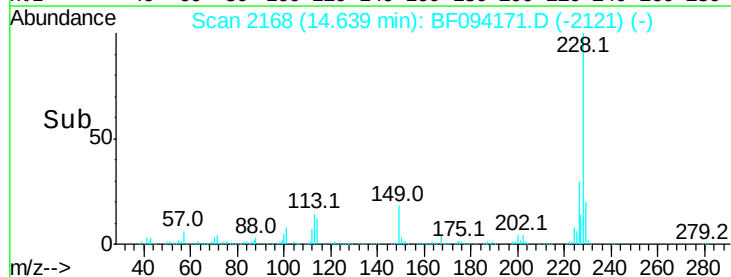
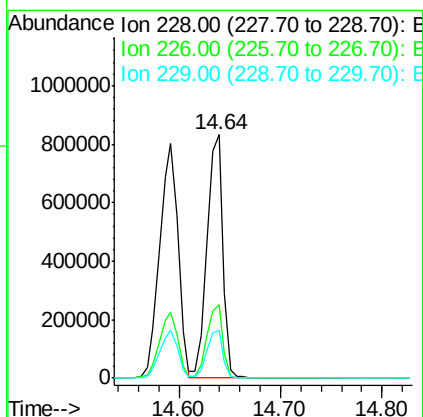
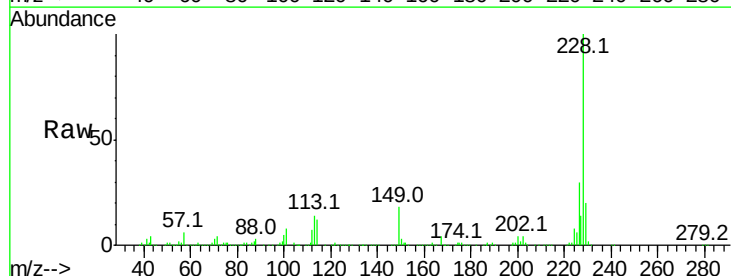
Instrument :
 BNA_F
 ClientSampleId :
 PB98028BS

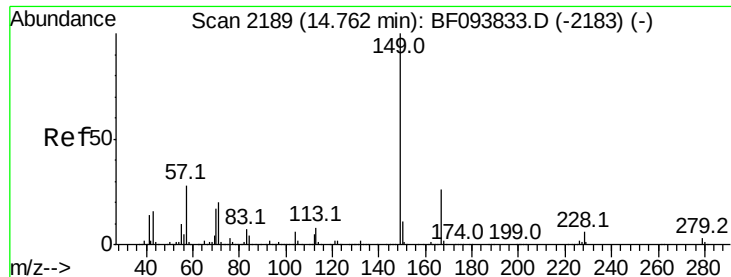
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.5	77.3
126	14.3	15.8	23.8#



#82
 Chrysene
 Concen: 39.93 ng
 RT: 14.64 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.8	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.03 ng

RT: 14.65 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

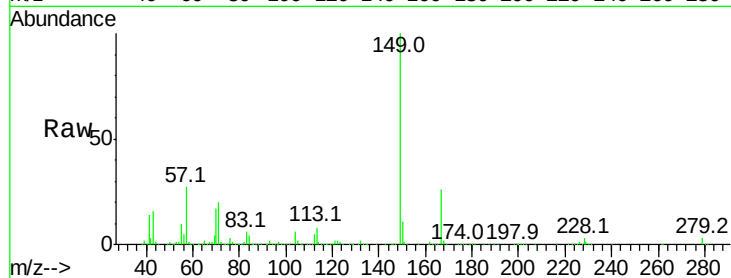
BNA_F

ClientSampleId :

PB98028BS

Tot Ion:149 Resp: 844317

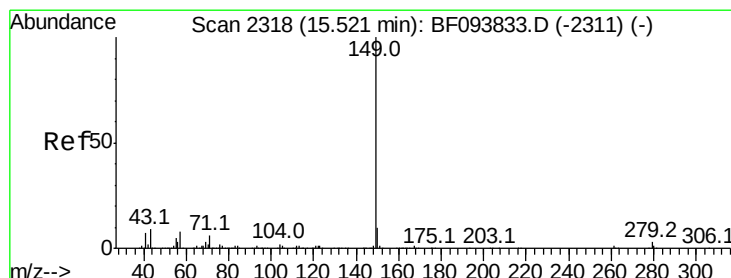
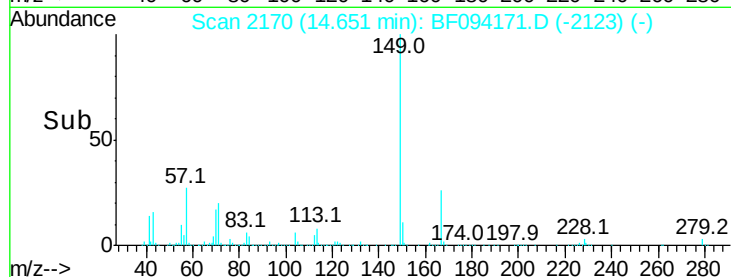
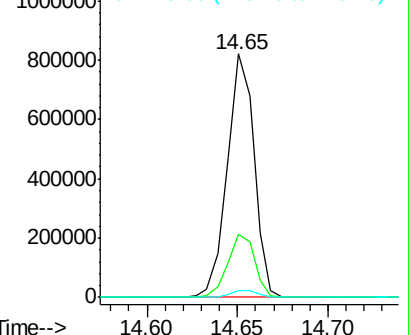
Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	2.8	1.9	2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.93 ng

RT: 15.40 min Scan# 2298

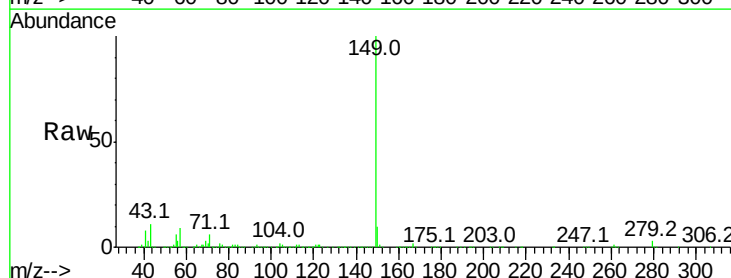
Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Tgt Ion:149 Resp: 1289906

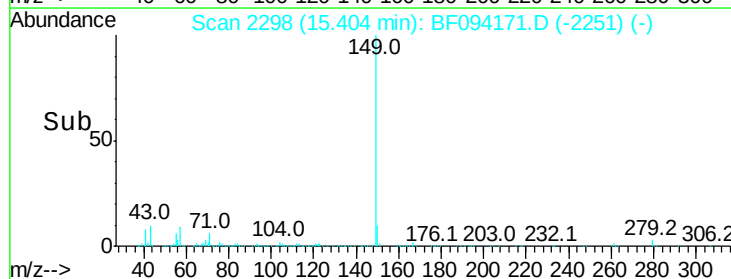
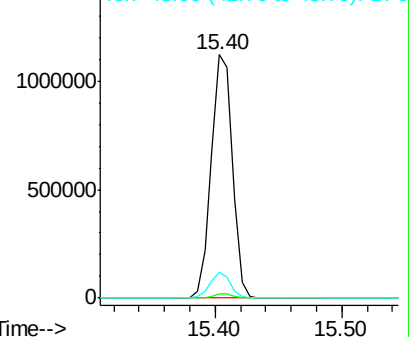
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.6	8.5	12.7

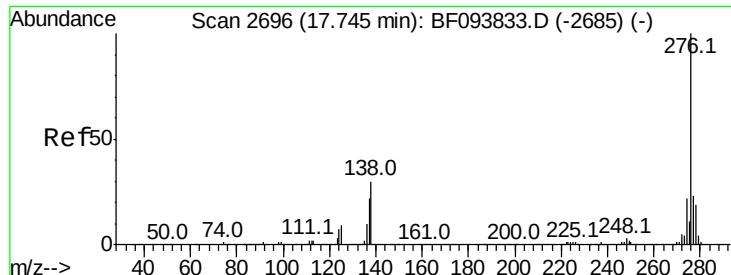


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

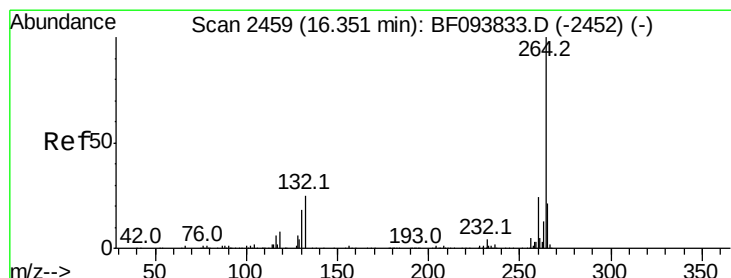
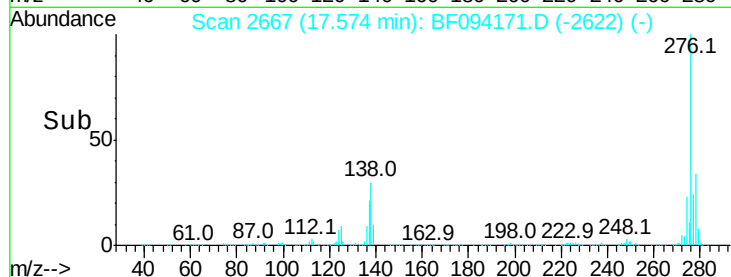
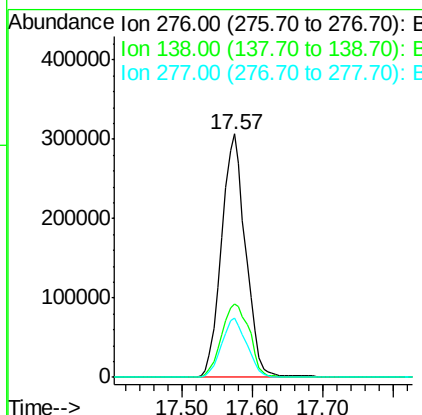
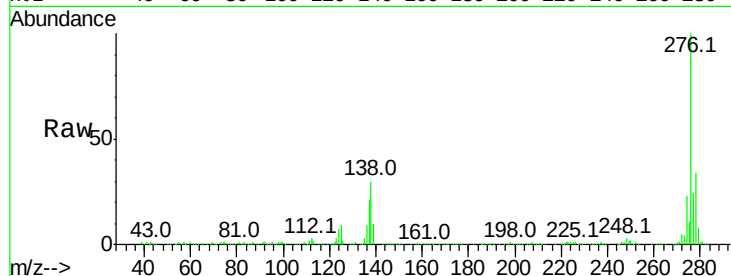




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.39 ng
 RT: 17.57 min Scan# 2667
 Delta R.T. -0.04 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

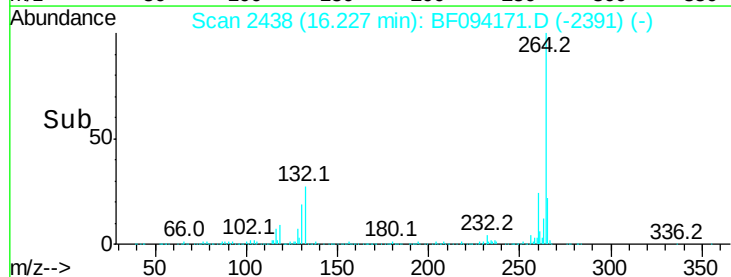
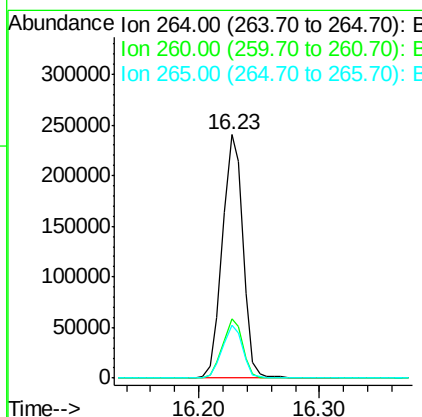
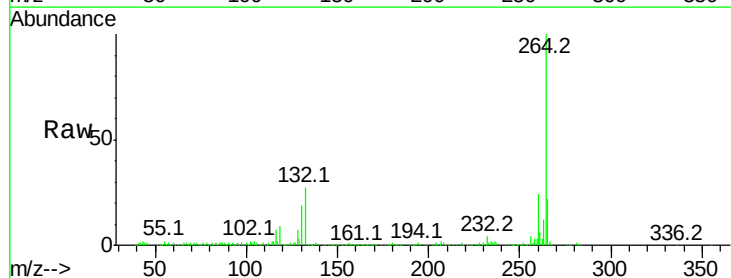
Instrument :
 BNA_F
 ClientSampleId :
 PB98028BS

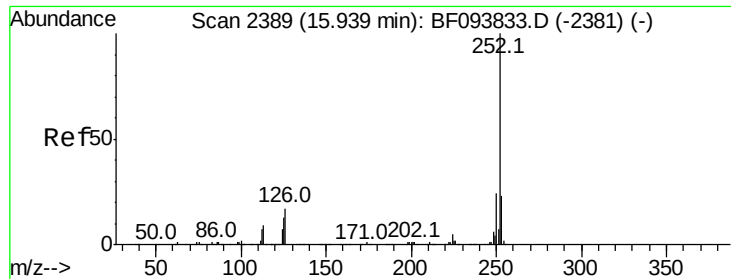
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.23 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.8	17.2	25.8

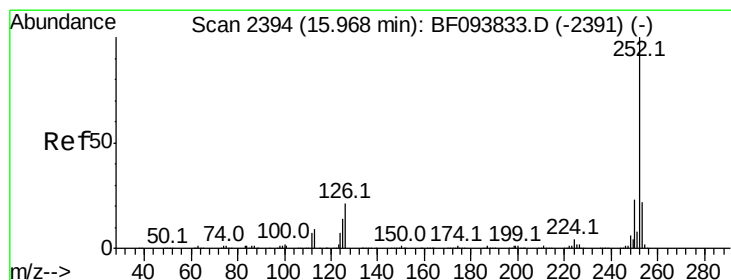
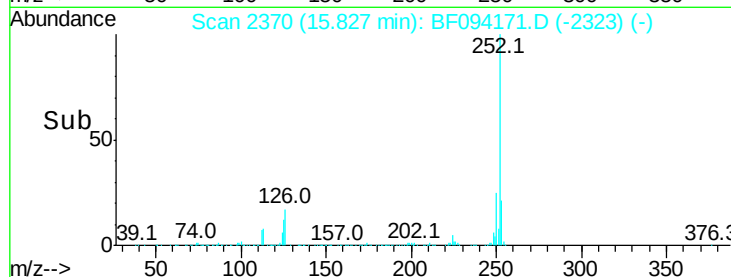
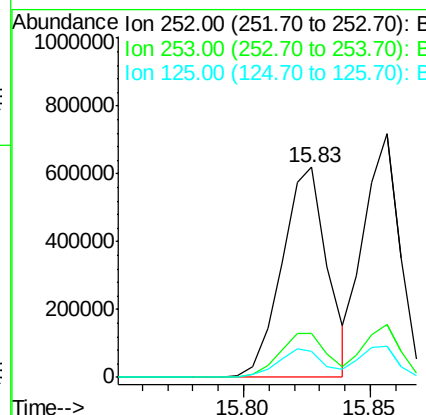
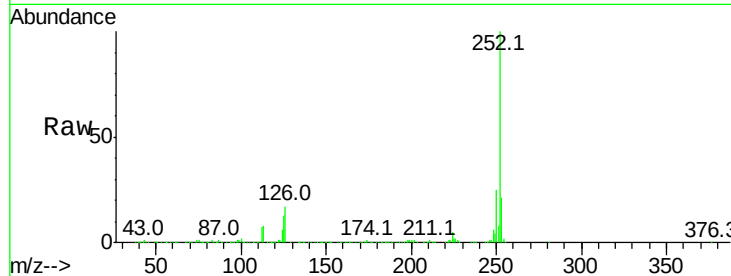




#87
Benzo(b)fluoranthene
Concen: 44.58 ng
RT: 15.83 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

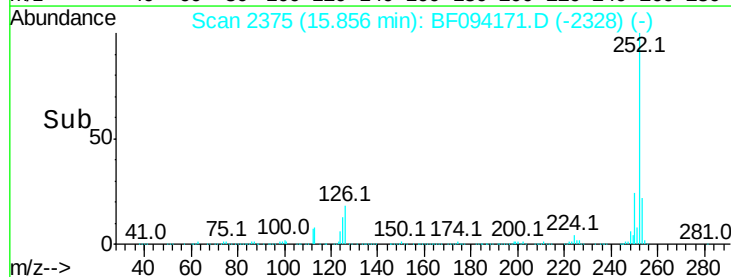
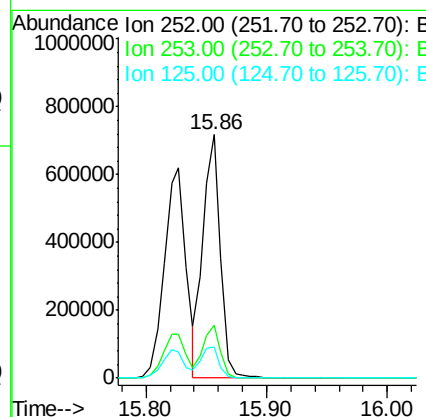
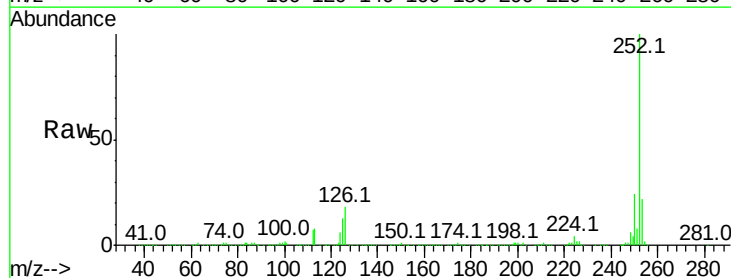
Instrument :
BNA_F
ClientSampleId :
PB98028BS

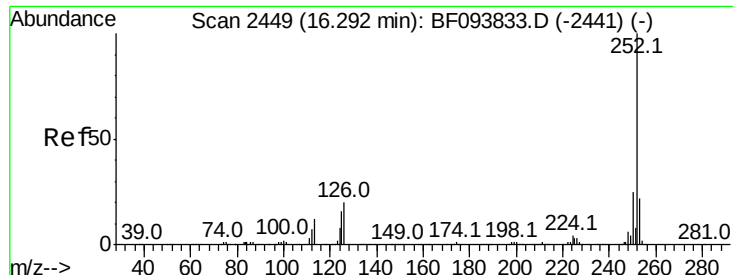
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.1	27.1
125	12.5	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 42.39 ng
RT: 15.86 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BF094171.D
Acq: 4 Apr 2017 17:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	12.7	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 43.60 ng

RT: 16.17 min Scan# 2429

Delta R.T. -0.02 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

Instrument :

BNA_F

ClientSampleId :

PB98028BS

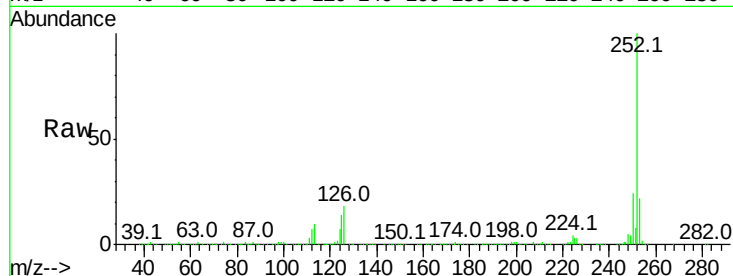
Tot Ion:252 Resp: 696774

Ion Ratio Lower Upper

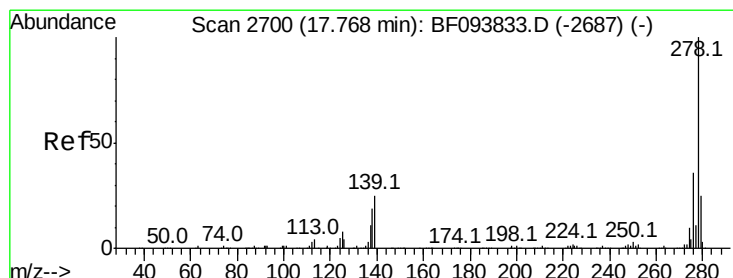
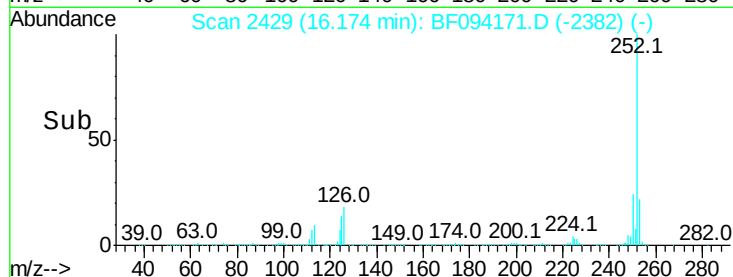
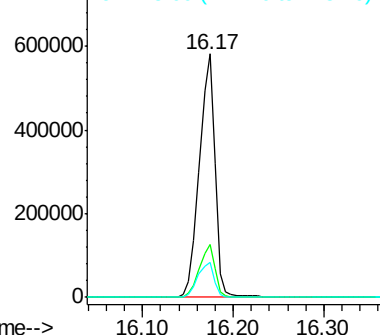
252 100

253 21.5 17.5 26.3

125 14.1 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 44.33 ng

RT: 17.59 min Scan# 2670

Delta R.T. -0.04 min

Lab File: BF094171.D

Acq: 4 Apr 2017 17:07

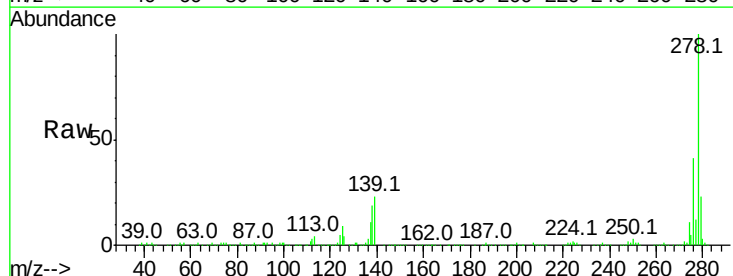
Tgt Ion:278 Resp: 599949

Ion Ratio Lower Upper

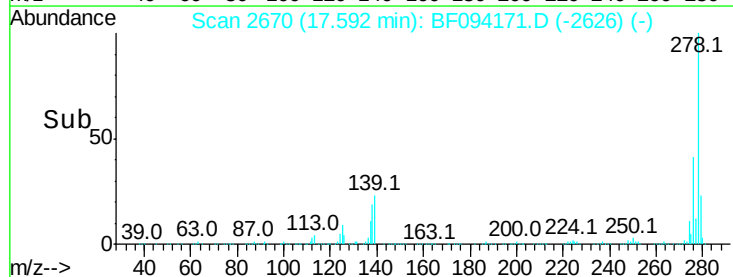
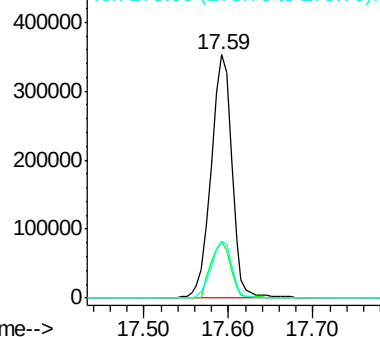
278 100

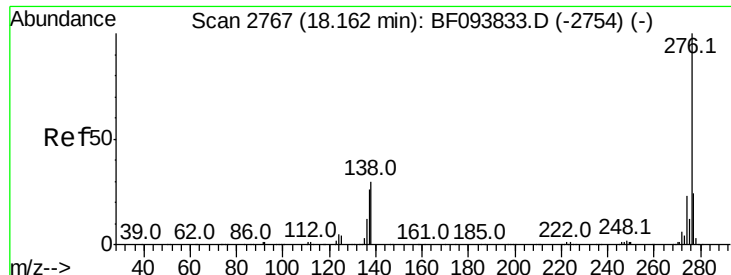
139 23.1 16.6 24.8

279 23.4 19.3 28.9



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

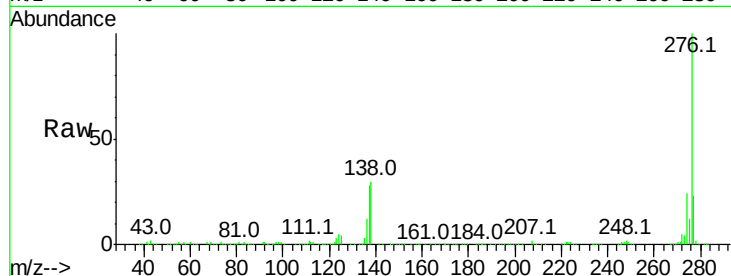




#91
 Benzo(a,h,i)perylene
 Concen: 45.63 ng
 RT: 17.97 min Scan# 2734
 Delta R.T. -0.04 min
 Lab File: BF094171.D
 Acq: 4 Apr 2017 17:07

Instrument :
 BNA_F
 ClientSampleId :
 PB98028BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	30.4	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

