

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094316.D
 Acq On : 10 Apr 2017 17:32
 Operator : SJ/MA
 Sample : PB98146BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:48:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	164271	20.00	ng	-0.02
21) Naphthalene-d8	7.35	136	657723	20.00	ng	-0.02
38) Acenaphthene-d10	9.49	164	299031	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	513158	20.00	ng	-0.02
75) Chrysene-d12	14.56	240	382441	20.00	ng	-0.01
86) Perylene-d12	16.18	264	272297	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.41	112	1233107	126.79	ng	0.02
7) Phenol-d6	5.48	99	1558879	129.56	ng	0.02
23) Nitrobenzene-d5	6.49	82	995406	86.37	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	333438	141.11	ng	0.00
44) 2-Fluorobiphenyl	8.67	172	1784105	91.00	ng	-0.02
78) Terphenyl-d14	13.29	244	1447882	84.86	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.25	88	164964	35.30	ng	95
3) Pyridine	2.73	79	480801	37.76	ng	99
4) n-Nitrosodimethylamine	2.69	42	223352	42.63	ng	89
6) Aniline	5.46	93	334144	19.96	ng	95
8) 2-Chlorophenol	5.62	128	479835	44.88	ng	98
9) Benzaldehyde	5.33	77	164846	20.29	ng	97
10) Phenol	5.50	94	578350	42.24	ng	88
11) bis(2-Chloroethyl)ether	5.55	93	468344	43.77	ng	98
12) 1,3-Dichlorobenzene	5.77	146	520204	43.38	ng	98
13) 1,4-Dichlorobenzene	5.86	146	525489	43.27	ng	96
14) 1,2-Dichlorobenzene	6.03	146	476816	42.63	ng	98
15) Benzyl Alcohol	6.02	79	371461	42.18	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.17	45	616243	37.38	ng	50
17) 2-Methylphenol	6.18	107	394673	43.11	ng	96
18) Hexachloroethane	6.43	117	186915	43.79	ng	# 87
19) n-Nitroso-di-n-propylamine	6.33	70	353317	45.69	ng	96
20) 3+4-Methylphenols	6.36	107	556990	50.23	ng	# 61
22) Acetophenone	6.32	105	682457	46.56	ng	# 85
24) Nitrobenzene	6.52	77	495561	43.60	ng	95
25) Isophorone	6.80	82	885307	43.72	ng	95
26) 2-Nitrophenol	6.89	139	276916	51.09	ng	98
27) 2,4-Dimethylphenol	6.97	122	442408	47.37	ng	98
28) bis(2-Chloroethoxy)methane	7.06	93	580087	43.44	ng	99
29) 2,4-Dichlorophenol	7.20	162	416596	47.70	ng	96
30) 1,2,4-Trichlorobenzene	7.28	180	410259	45.61	ng	99
31) Naphthalene	7.37	128	1378463	43.59	ng	100
32) Benzoic acid	7.16	122	256646	41.28	ng	98
33) 4-Chloroaniline	7.44	127	144919	11.31	ng	95
34) Hexachlorobutadiene	7.52	225	202126	43.82	ng	99
35) Caprolactam	7.89	113	70553	25.33	ng	94
36) 4-Chloro-3-methylphenol	8.08	107	431380	47.27	ng	87
37) 2-Methylnaphthalene	8.22	142	956652	45.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	356473	43.58	ng	98
40) Hexachlorocyclopentadiene	8.41	237	361448	94.42	ng	99

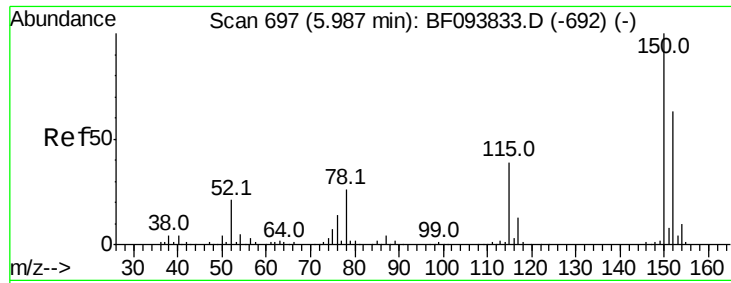
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094316.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.57	196	275837	47.66	nq	98
43) 2,4,5-Trichlorophenol	8.63	196	275603	44.01	nq	96
45) 1,1'-Biphenyl	8.79	154	1057367	43.84	nq	98
46) 2-Chloronaphthalene	8.81	162	840469	44.52	nq	96
47) 2-Nitroaniline	8.94	65	250784	44.78	nq	87
48) Acenaphthylene	9.32	152	1317236	41.98	nq	99
49) Dimethylphthalate	9.18	163	1002611	47.17	nq	99
50) 2,6-Dinitrotoluene	9.25	165	229269	47.05	nq	91
51) Acenaphthene	9.53	154	791129	43.21	nq	100
52) 3-Nitroaniline	9.45	138	102848	17.97	nq	89
53) 2,4-Dinitrophenol	9.59	184	208402	79.93	nq	# 71
54) Dibenzofuran	9.74	168	1107938	44.45	nq	98
55) 4-Nitrophenol	9.74	139	743479	165.92	nq	# 31
56) 2,4-Dinitrotoluene	9.74	165	262210	42.84	nq	# 60
57) Fluorene	10.16	166	857435	41.48	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.90	232	205690	47.87	nq	97
59) Diethylphthalate	10.05	149	963056	45.84	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	368631	41.86	nq	91
61) 4-Nitroaniline	10.21	138	226181	41.19	nq	96
62) Azobenzene	10.36	77	923795	46.48	nq	96
64) 4,6-Dinitro-2-methylphenol	10.25	198	150747	47.97	nq	# 76
65) n-Nitrosodiphenylamine	10.32	169	809366	45.61	nq	98
66) 4-Bromophenyl-phenylether	10.76	248	234978	46.56	nq	96
67) Hexachlorobenzene	10.84	284	238992	46.78	nq	# 91
68) Atrazine	10.99	200	235896	44.38	nq	95
69) Pentachlorophenol	11.10	266	208604	65.60	nq	97
70) Phenanthrene	11.34	178	1270690	44.51	nq	99
71) Anthracene	11.40	178	1302130	44.30	nq	99
72) Carbazole	11.61	167	1229340	40.79	nq	99
73) Di-n-butylphthalate	12.05	149	1474788	47.05	nq	99
74) Fluoranthene	12.80	202	1293457	44.25	nq	99
76) Benzidine	12.97	184	364290	24.07	nq	# 92
77) Pyrene	13.07	202	1306054	47.06	nq	100
79) Butylbenzylphthalate	13.89	149	620555	52.47	nq	# 85
80) Benzo(a)anthracene	14.55	228	1034355	46.38	nq	99
81) 3,3'-Dichlorobenzidine	14.52	252	201121	25.23	nq	97
82) Chrysene	14.59	228	895255	43.26	nq	99
83) Bis(2-ethylhexyl)phthalate	14.61	149	829978	51.44	nq	# 98
84) Di-n-octyl phthalate	15.36	149	1366247	50.69	nq	97
85) Indeno(1,2,3-cd)pyrene	17.50	276	749417	41.81	nq	99
87) Benzo(b)fluoranthene	15.78	252	829370	49.69	nq	98
88) Benzo(k)fluoranthene	15.78	252	829370	50.79	nq	97
89) Benzo(a)pyrene	16.13	252	711504	46.29	nq	98
90) Dibenzo(a,h)anthracene	17.53	278	619232	47.57	nq	99
91) Benzo(g,h,i)perylene	17.90	276	645687	49.22	nq	98

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

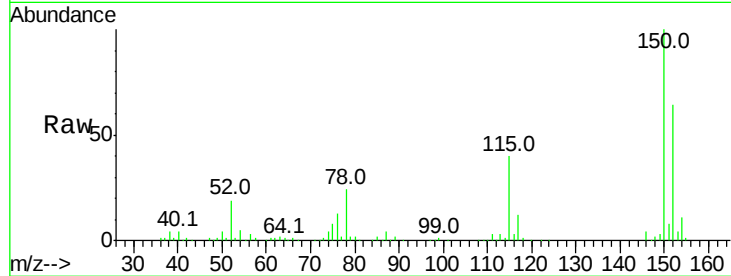


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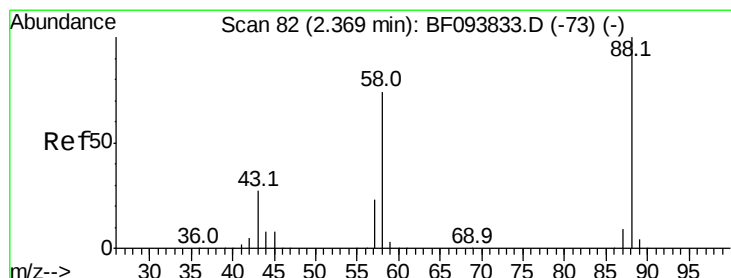
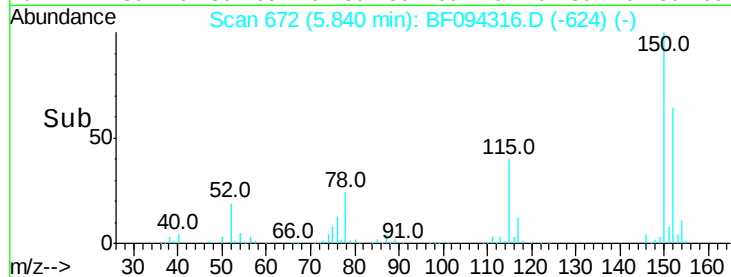
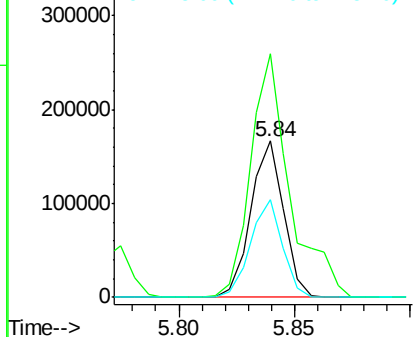
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164271
Ion Ratio Lower Upper
152 100
150 155.5 126.2 189.2
115 62.0 52.2 78.2



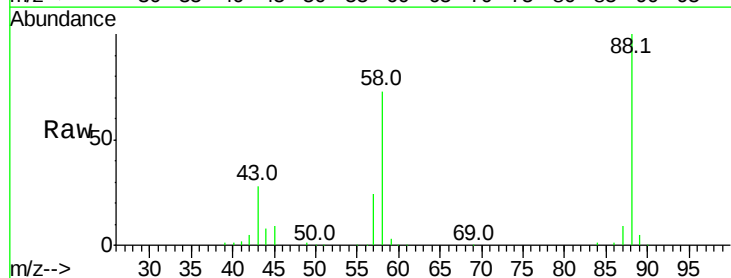
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



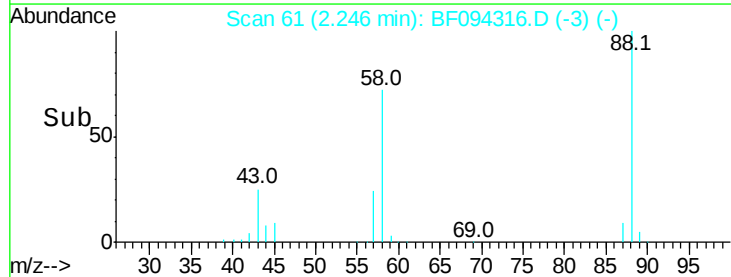
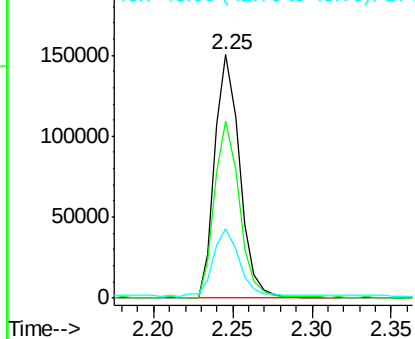
#2

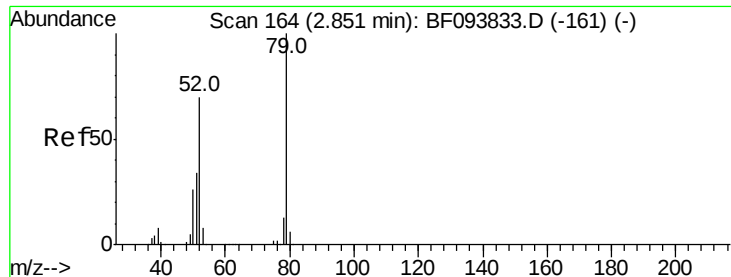
1,4-Dioxane
Concen: 35.30 ng
RT: 2.25 min Scan# 61
Delta R.T. 0.04 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion: 88 Resp: 164964
Ion Ratio Lower Upper
88 100
58 71.3 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

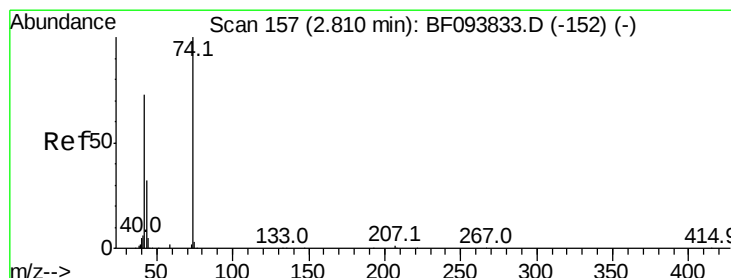
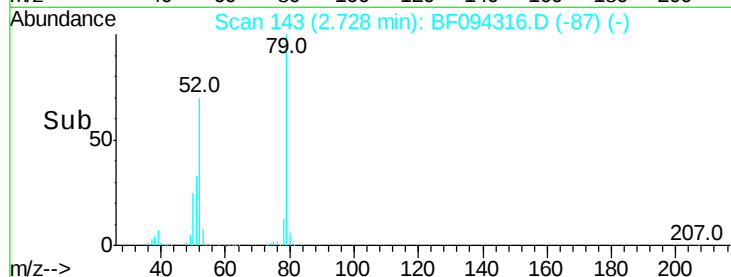
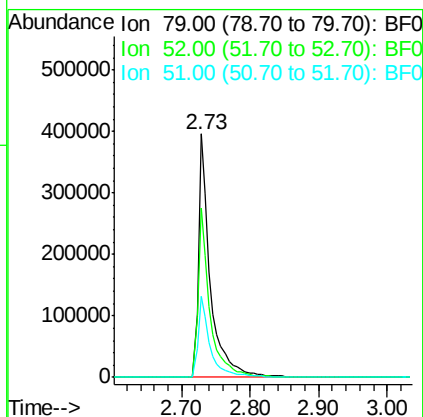
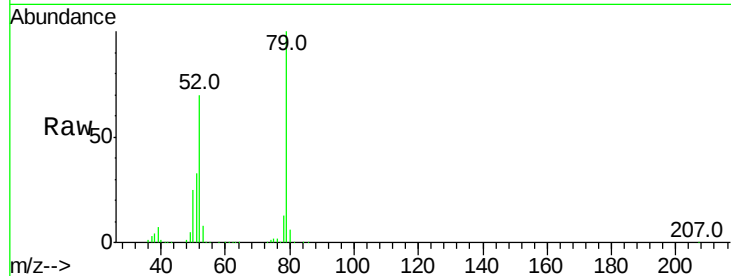




#3
 Pvridine
 Concen: 37.76 ng
 RT: 2.73 min Scan# 143
 Delta R.T. 0.03 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

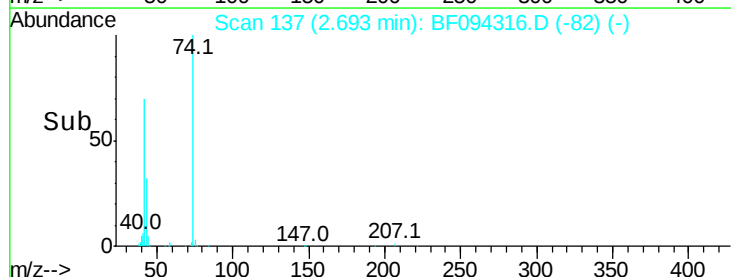
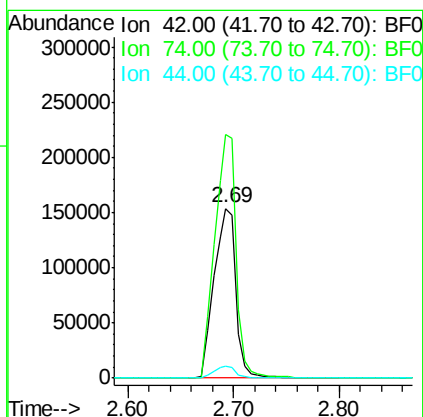
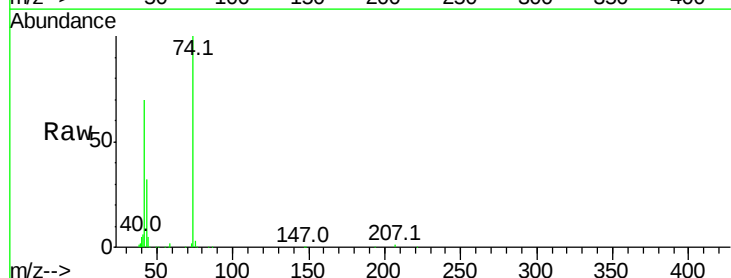
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 480801
 Ion Ratio Lower Upper
 79 100
 52 69.5 54.8 82.2
 51 33.2 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 42.63 ng
 RT: 2.69 min Scan# 137
 Delta R.T. 0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion: 42 Resp: 223352
 Ion Ratio Lower Upper
 42 100
 74 143.3 103.9 155.9
 44 6.7 5.7 8.5





#5

2-Fluorophenol

Concen: 126.79 ng

RT: 4.41 min Scan# 429

Delta R.T. 0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

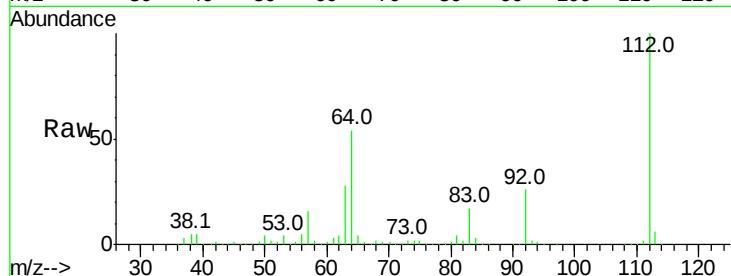
Instrument :

BNA_F

ClientSampled :

Tot Ion:112 Resp: 1233107

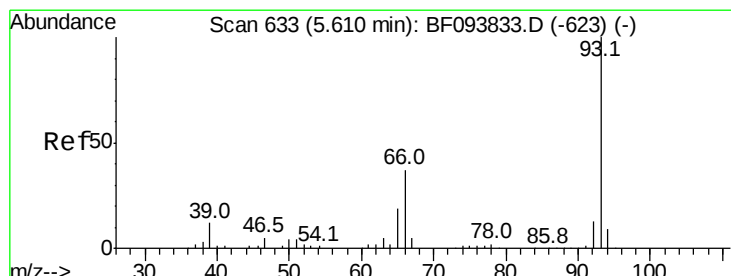
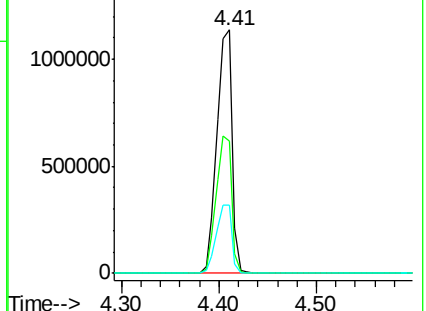
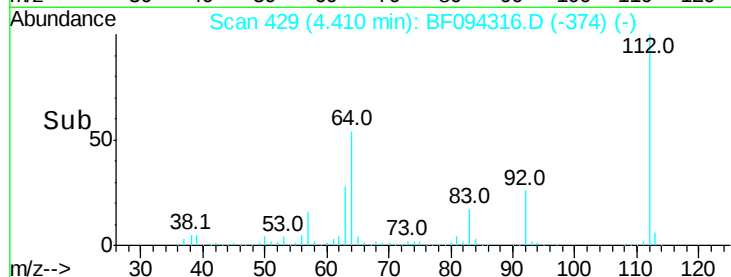
Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.0	69.0
63	28.0	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.96 ng

RT: 5.46 min Scan# 608

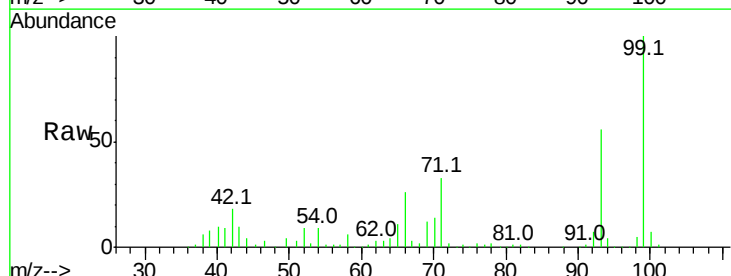
Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Tgt Ion: 93 Resp: 334144

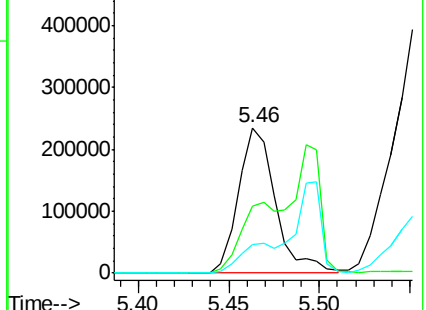
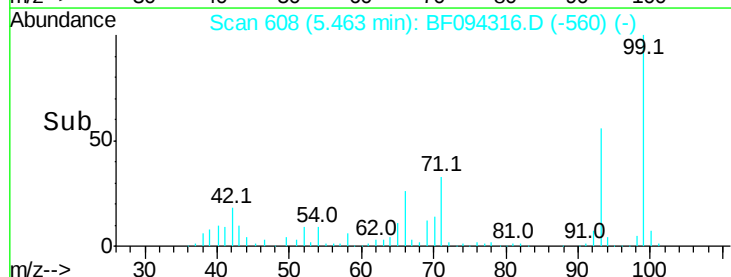
Ion	Ratio	Lower	Upper
93	100		
66	45.7	32.9	49.3
65	20.0	16.0	24.0

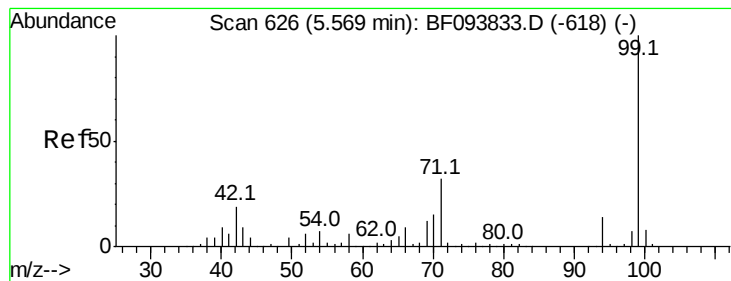


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.56 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampled :

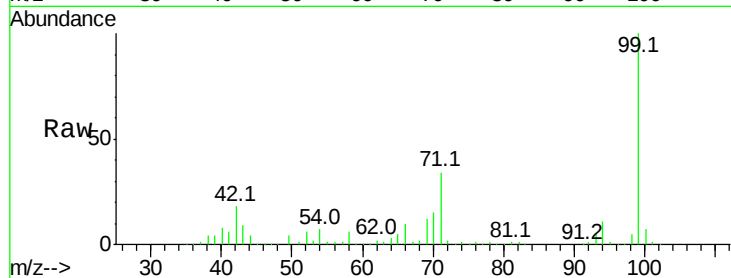
Tot Ion: 99 Resp: 1558879

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

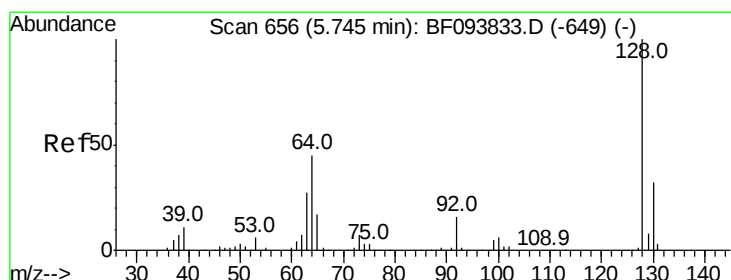
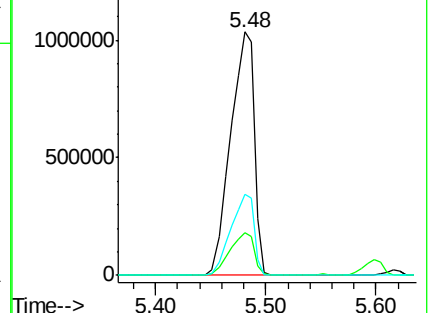
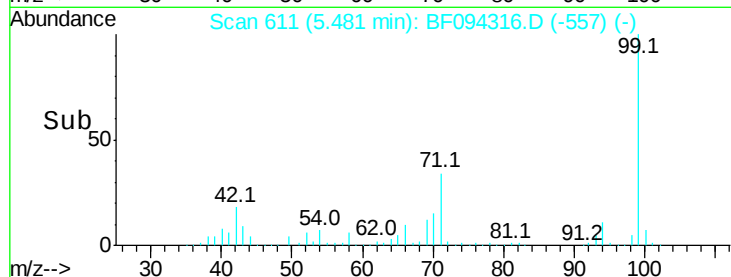
71 33.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.88 ng

RT: 5.62 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

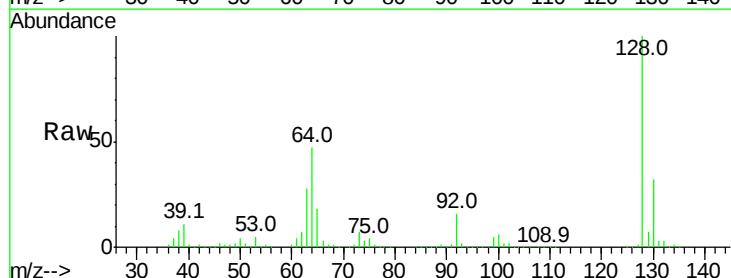
Tgt Ion:128 Resp: 479835

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

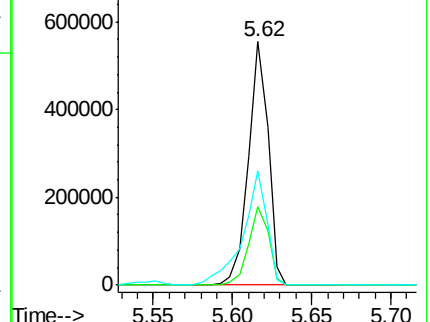
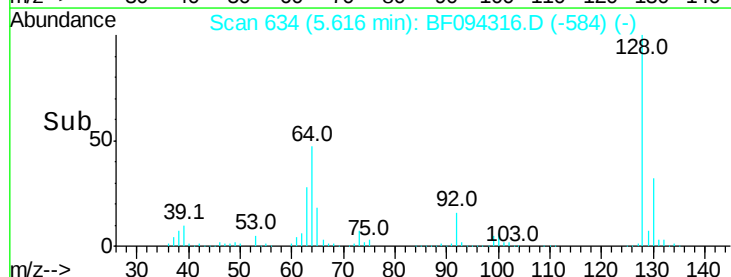
64 46.7 28.4 68.4

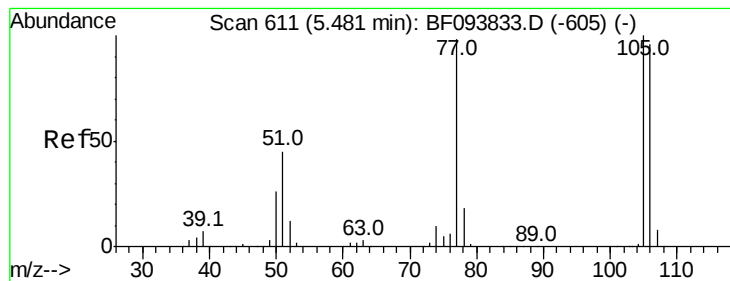


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.29 ng

RT: 5.33 min Scan# 585

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampled :

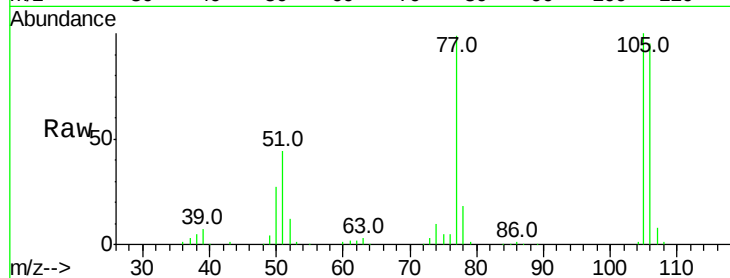
Tot Ion: 77 Resp: 164846

Ion Ratio Lower Upper

77 100

105 101.0 83.8 123.8

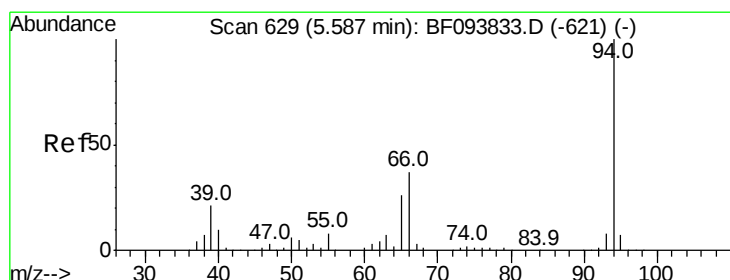
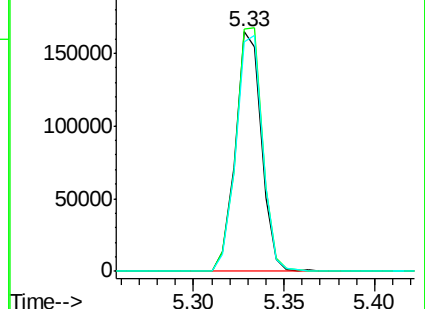
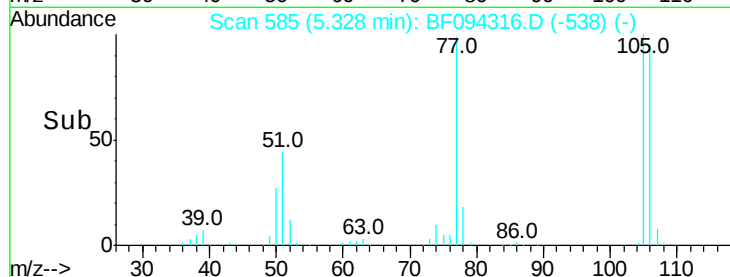
106 95.7 79.1 119.1



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: 42.24 ng

RT: 5.50 min Scan# 614

Delta R.T. 0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

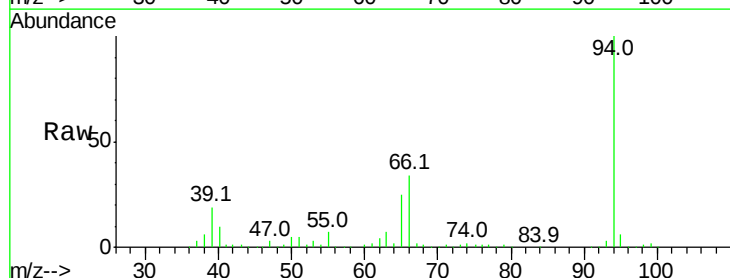
Tgt Ion: 94 Resp: 578350

Ion Ratio Lower Upper

94 100

65 24.9 9.9 49.9

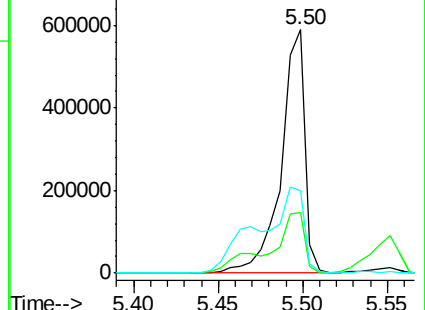
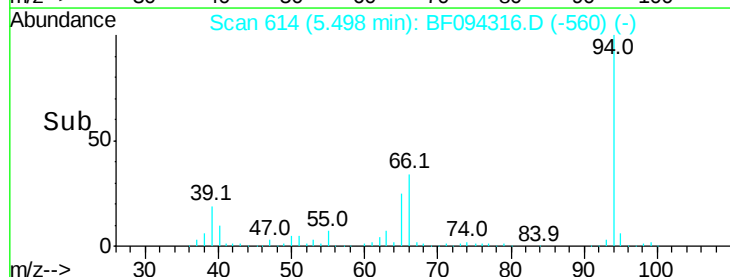
66 33.7 23.1 63.1

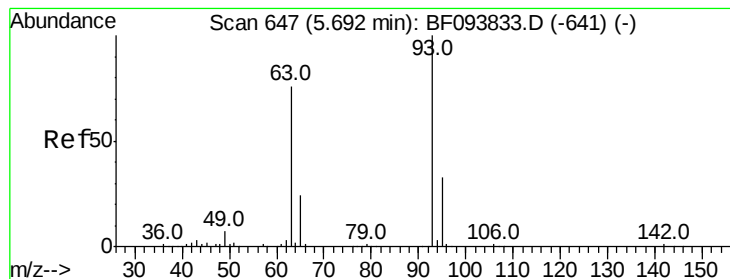


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 43.77 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampleId :

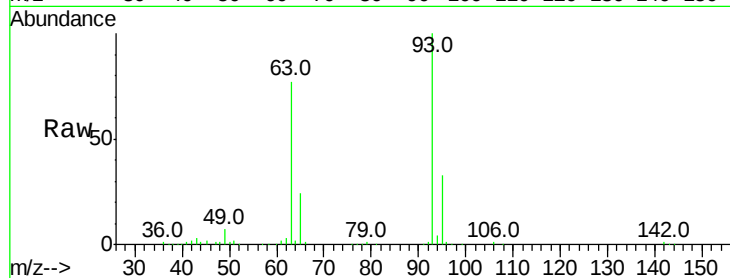
Tot Ion: 93 Resp: 468344

Ion Ratio Lower Upper

93 100

63 76.6 59.2 99.2

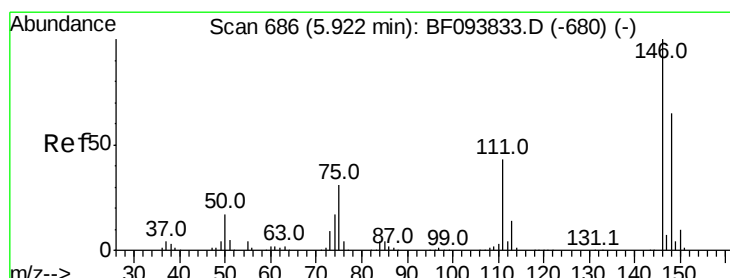
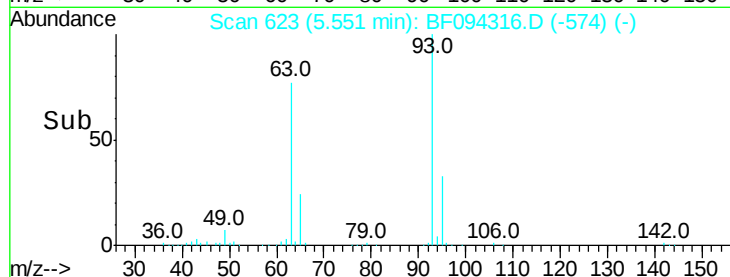
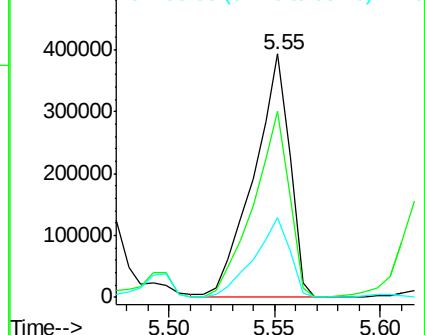
95 32.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.38 ng

RT: 5.77 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

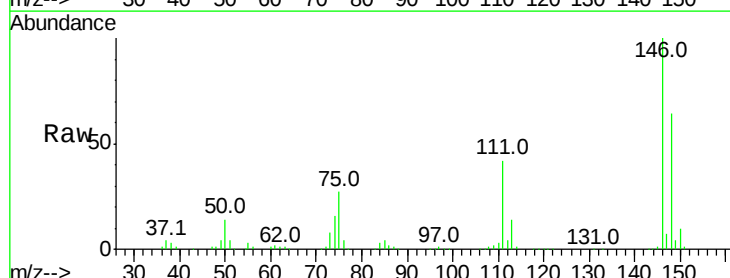
Tgt Ion: 146 Resp: 520204

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

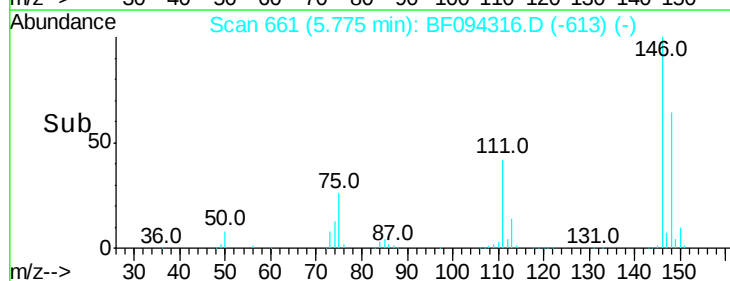
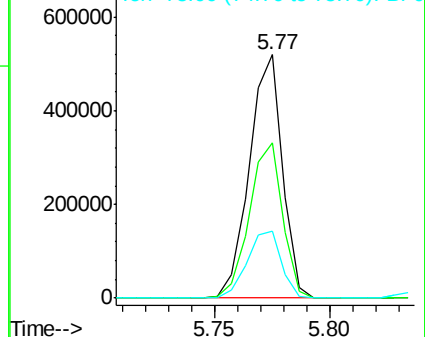
75 27.3 23.1 34.7

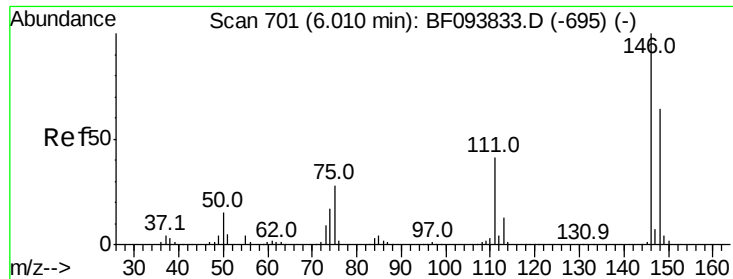


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

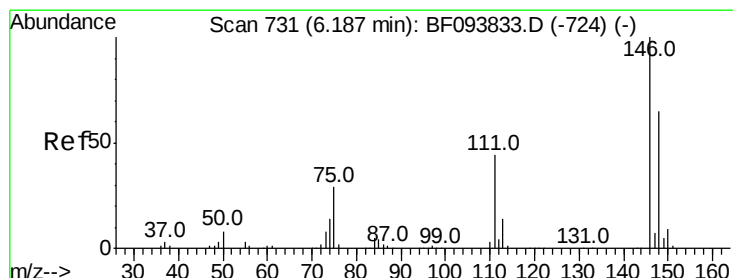
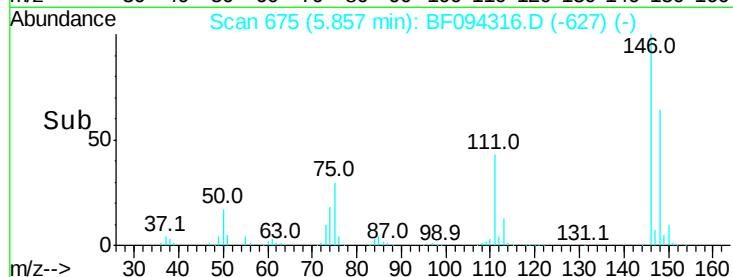
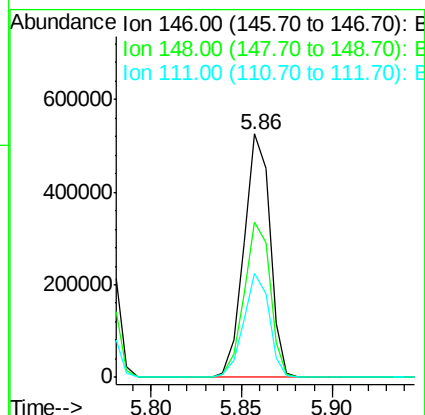
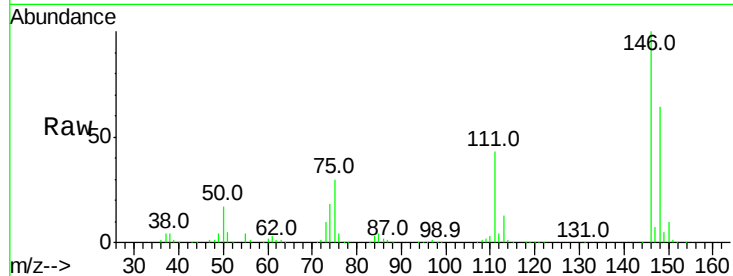




#13
 1,4-Dichlorobenzene
 Concen: 43.27 ng
 RT: 5.86 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

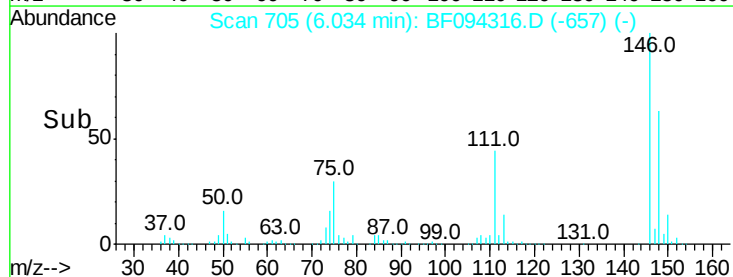
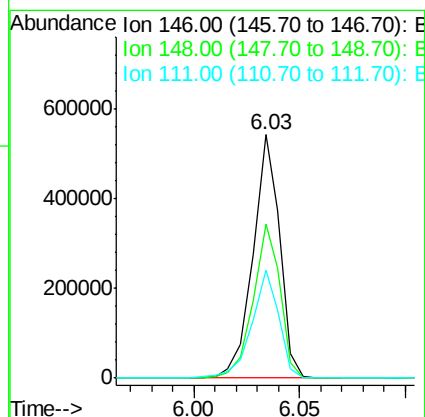
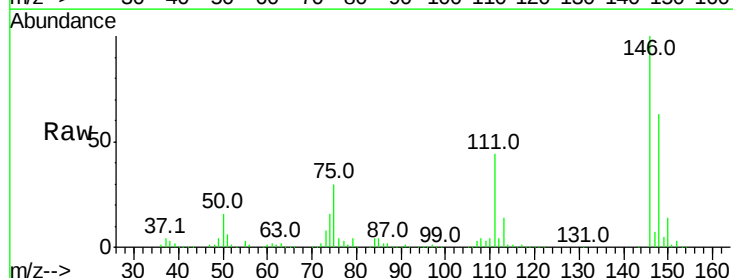
Instrument :
 BNA_F
 ClientSampleId :

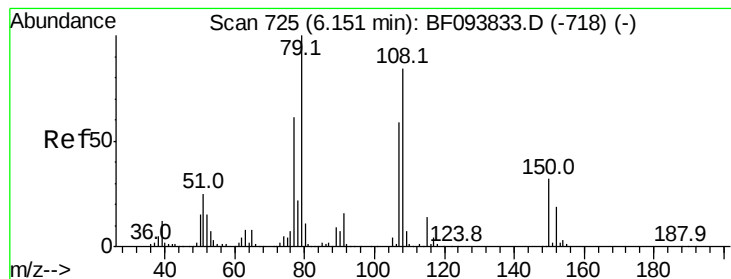
Tot Ion:146 Resp: 525489
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 42.6 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 42.63 ng
 RT: 6.03 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion:146 Resp: 476816
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 44.2 38.2 57.4





#15

Benzyl Alcohol

Concen: 42.18 ng

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampleId :

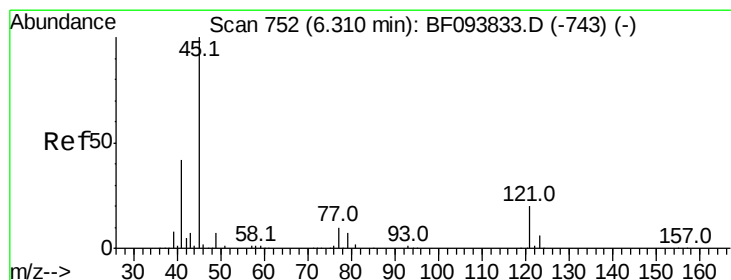
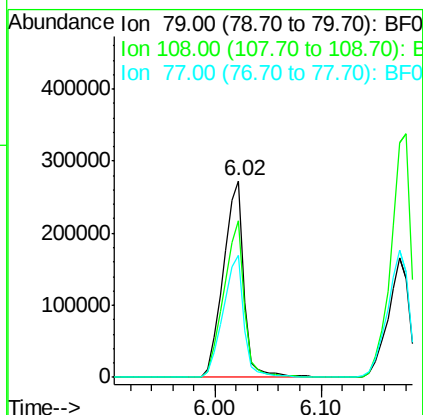
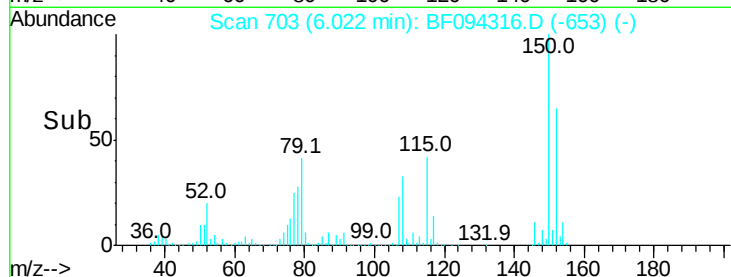
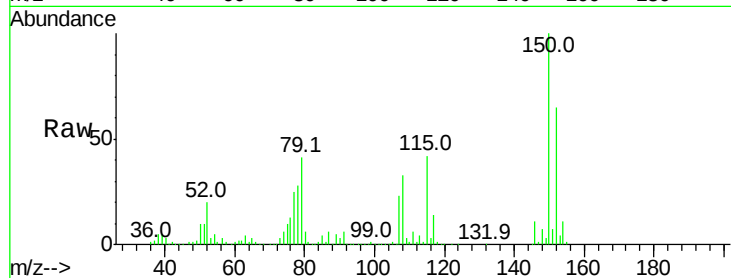
Tot Ion: 79 Resp: 371461

Ion Ratio Lower Upper

79 100

108 79.5 63.4 95.0

77 61.7 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.38 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

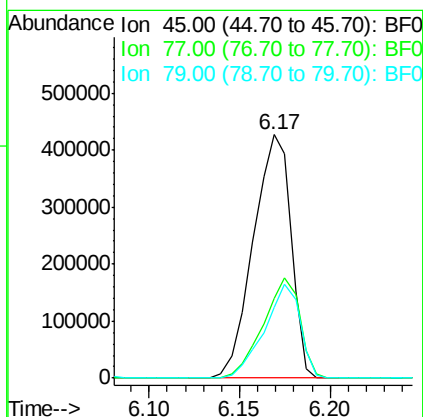
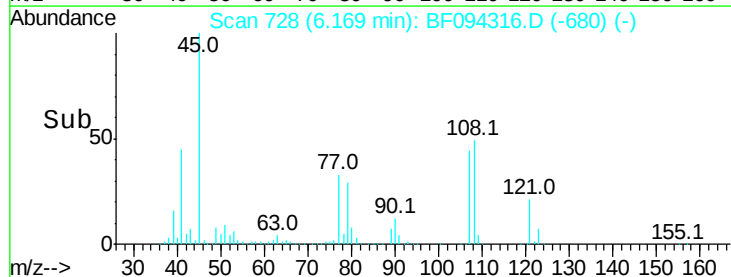
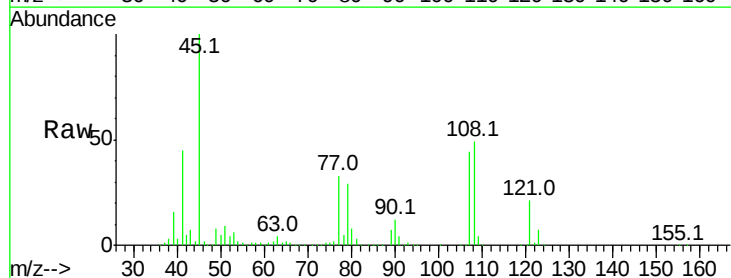
Tgt Ion: 45 Resp: 616243

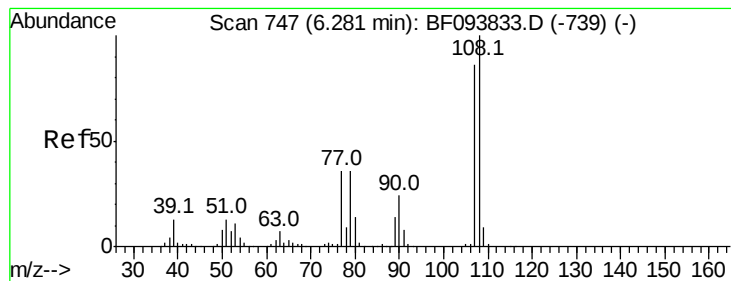
Ion Ratio Lower Upper

45 100

77 32.7 0.0 33.2

79 28.9 0.0 30.0

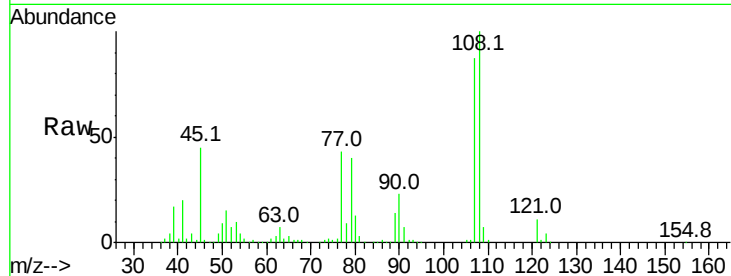




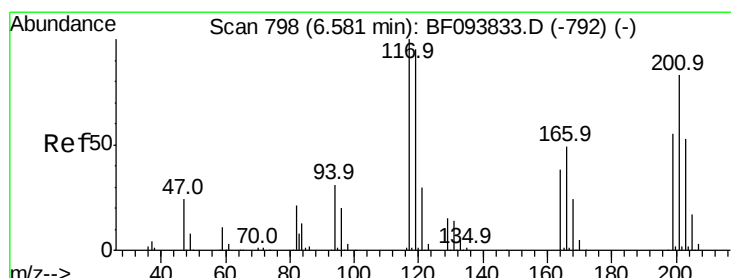
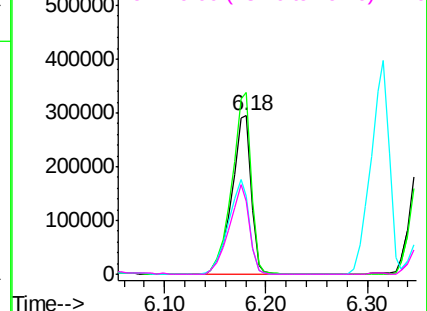
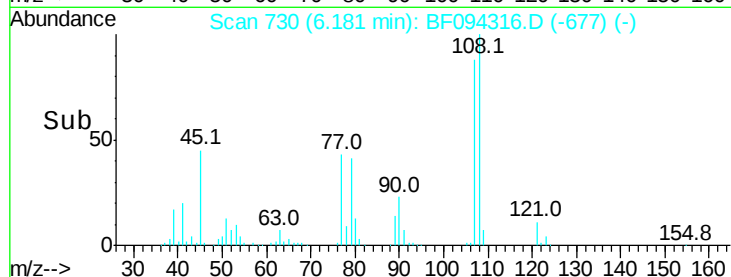
#17
2-Methylphenol
Concen: 43.11 ng
RT: 6.18 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 394673
Ion Ratio Lower Upper
107 100
108 114.5 93.4 140.0
77 49.6 35.8 53.6
79 46.3 34.8 52.2

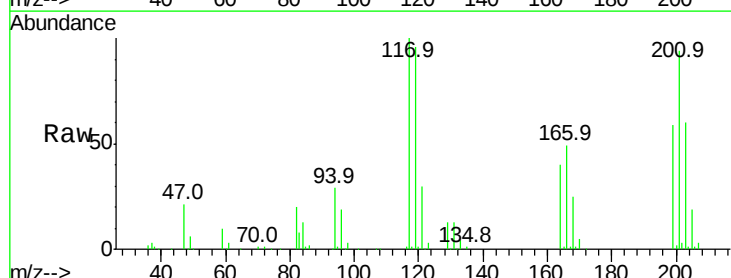


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

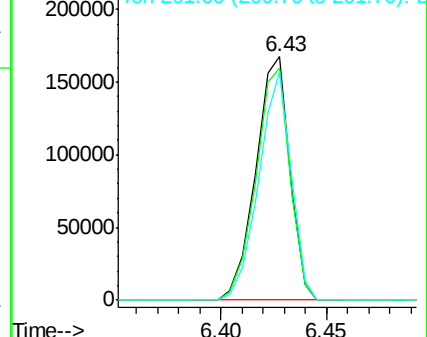
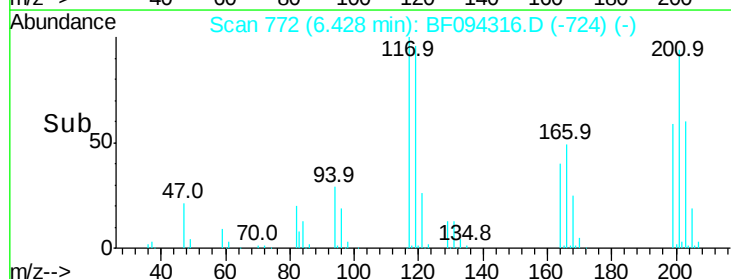


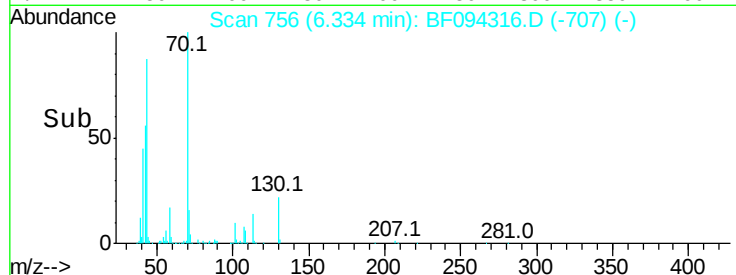
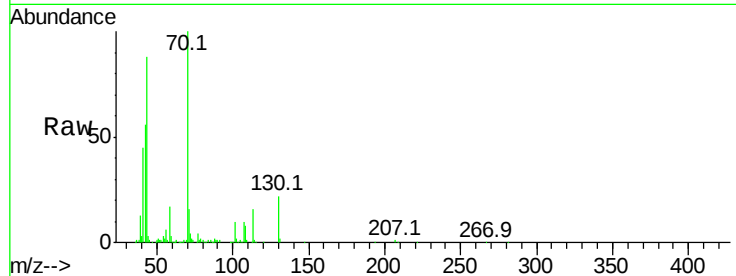
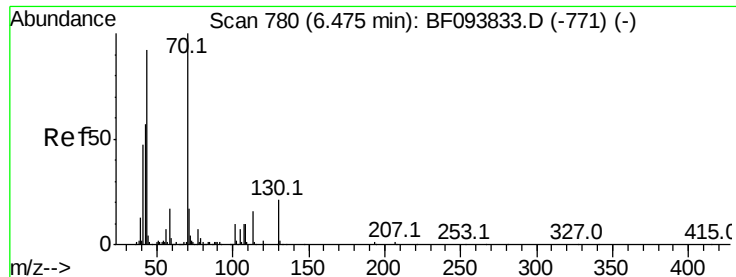
#18
Hexachloroethane
Concen: 43.79 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion:117 Resp: 186915
Ion Ratio Lower Upper
117 100
119 95.5 77.4 116.0
201 94.0 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

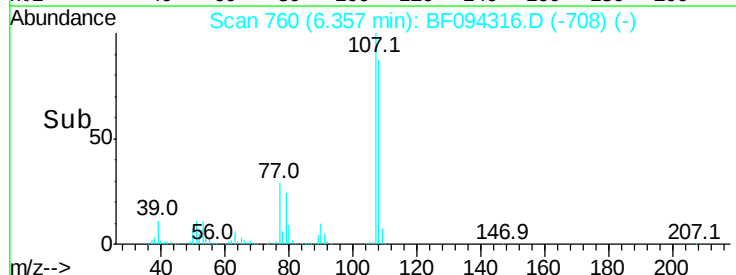
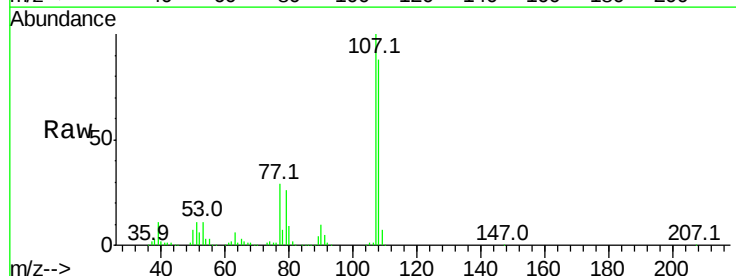
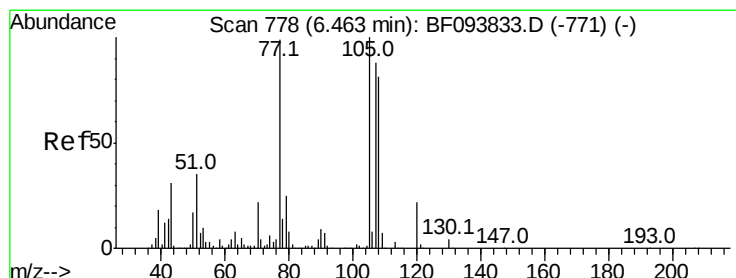
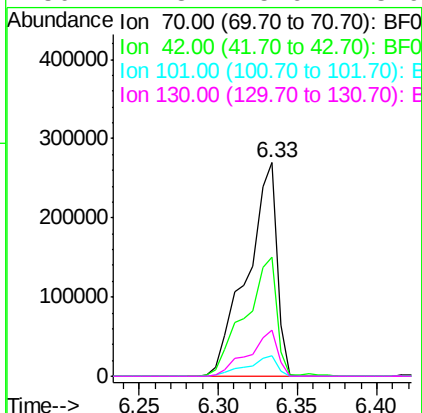




#19
n-Nitroso-di-n-propylamine
Concen: 45.69 ng
RT: 6.33 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

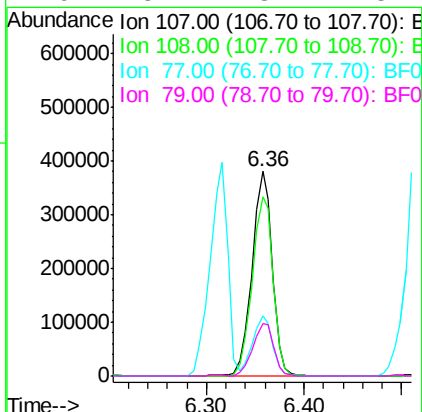
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	353317
Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.2	70.8
101	9.7	7.2	10.8
130	21.8	15.9	23.9



#20
3+4-Methylphenols
Concen: 50.23 ng
RT: 6.36 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion:	107	Resp:	556990
Ion	Ratio	Lower	Upper
107	100		
108	87.9	71.0	111.0
77	29.3	90.5	130.5#
79	25.7	8.4	48.4

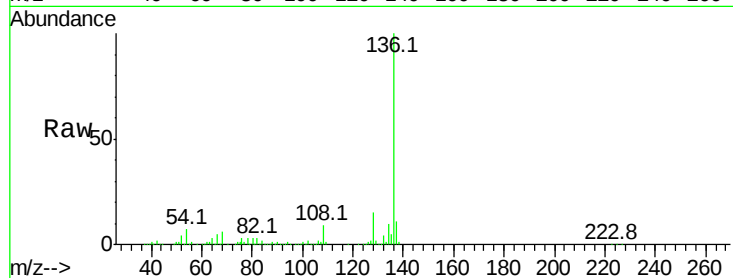




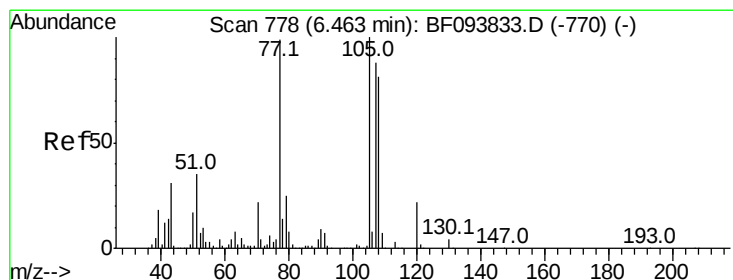
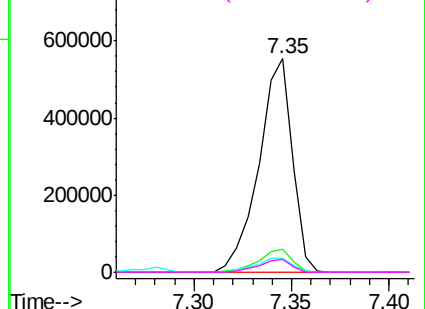
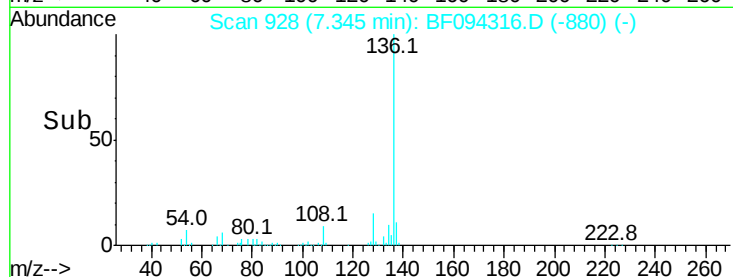
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.35 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 657723
Ion Ratio	Lower Upper
136 100	
137 10.7	8.5 12.7
54 6.9	4.9 7.3
68 5.9	4.1 6.1

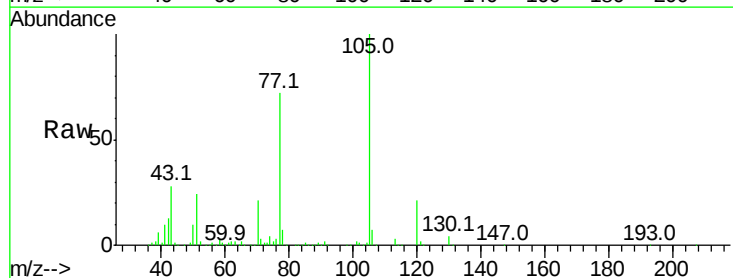


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

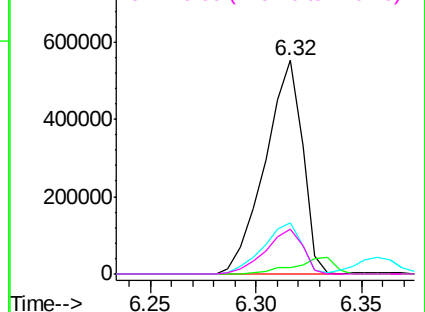
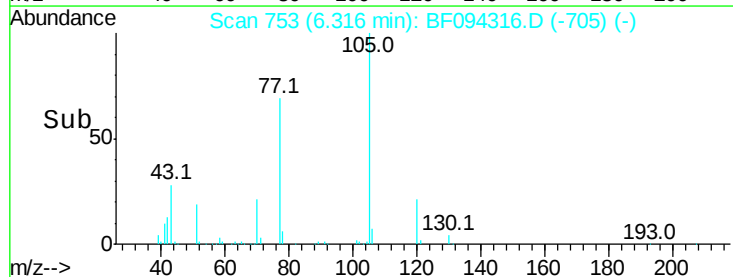


#22
Acetophenone
Concen: 46.56 ng
RT: 6.32 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt	Ion:105	Resp:	682457
Ion	Ratio	Lower	Upper
105	100		
71	3.3	2.8	4.2
51	24.2	30.7	46.1#
120	21.2	17.4	26.0



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

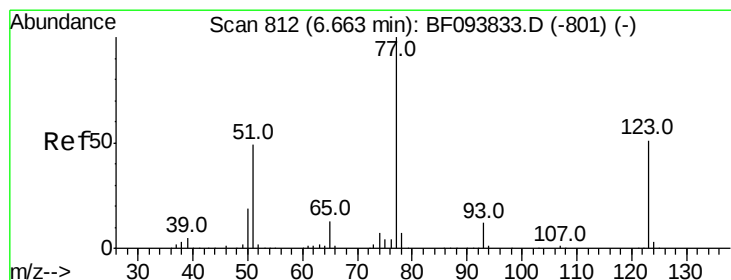
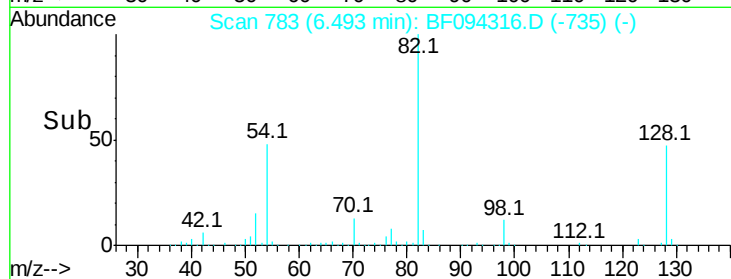
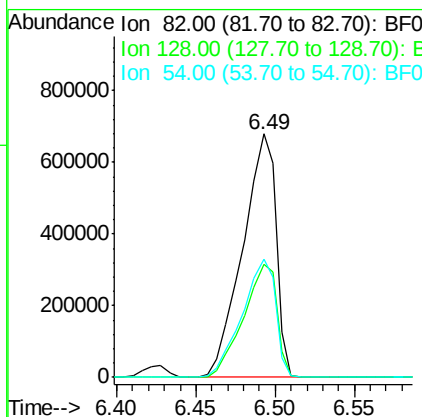
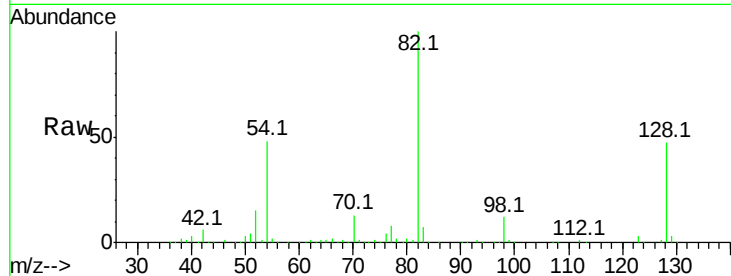




#23
 Nitrobenzene-d5
 Concen: 86.37 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

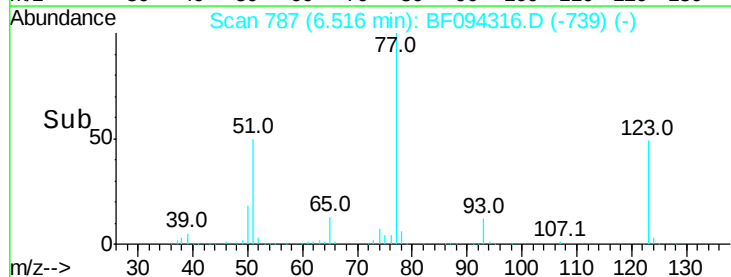
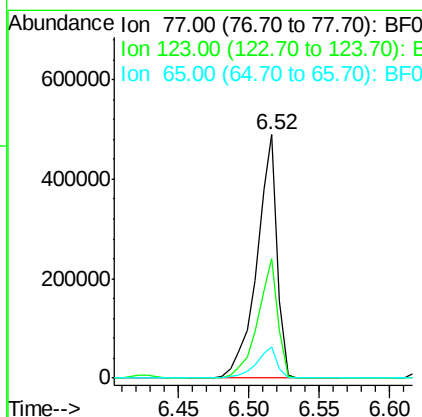
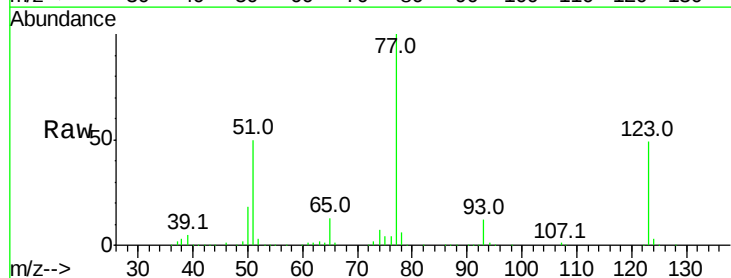
Instrument :
 BNA_F
 ClientSampleId :

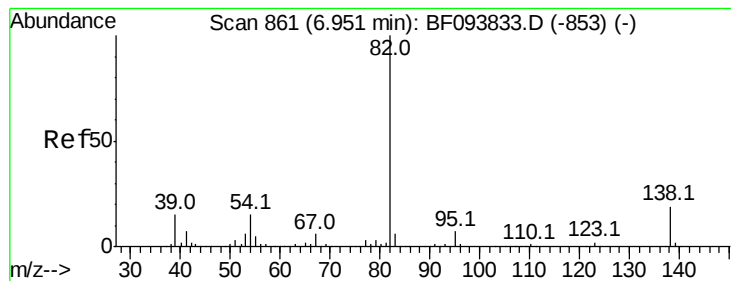
Tot Ion	82	Resp	995406
Ion Ratio	Lower	Upper	
82	100		
128	46.7	34.0	51.0
54	48.4	42.2	63.2



#24
 Nitrobenzene
 Concen: 43.60 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion	77	Resp	495561
Ion Ratio	Lower	Upper	
77	100		
123	49.0	35.8	53.8
65	12.8	10.6	15.8





#25

Isophorone

Concen: 43.72 ng

RT: 6.80 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampleId :

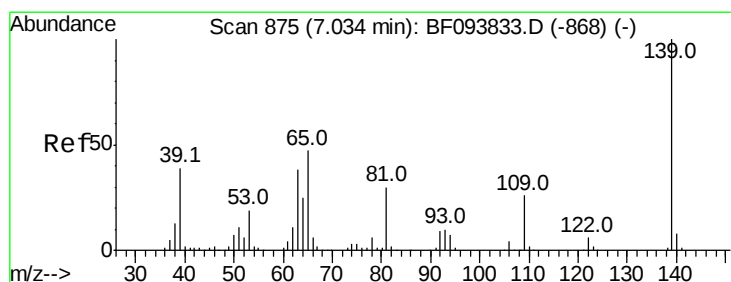
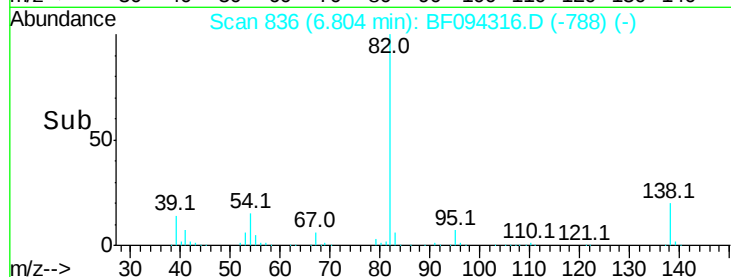
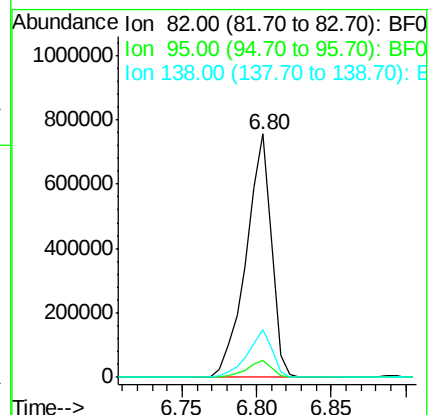
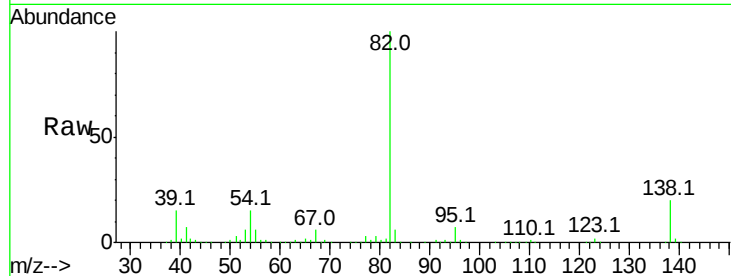
Tot Ion: 82 Resp: 885307

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 19.6 13.1 19.7



#26

2-Nitrophenol

Concen: 51.09 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

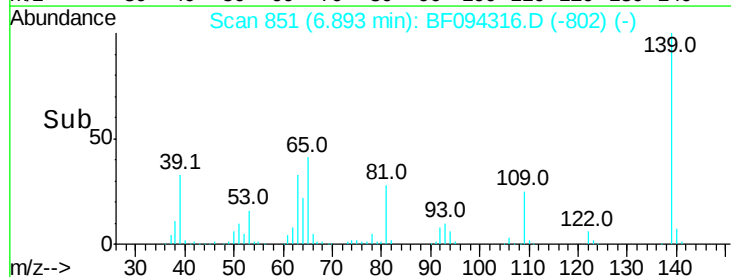
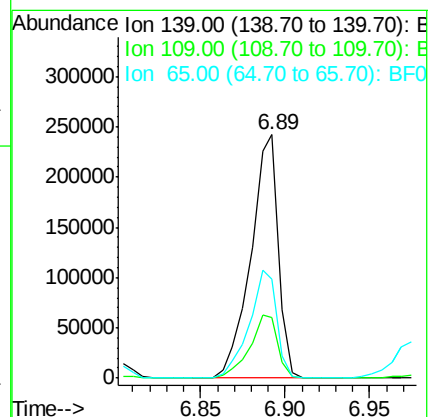
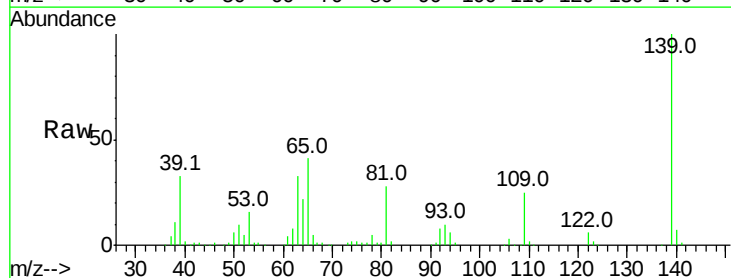
Tgt Ion:139 Resp: 276916

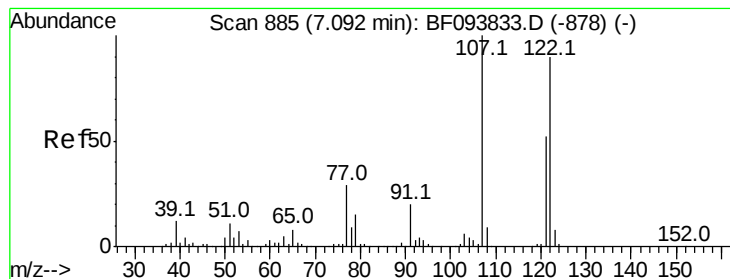
Ion Ratio Lower Upper

139 100

109 25.1 21.0 31.6

65 40.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 47.37 ng

RT: 6.97 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampleId :

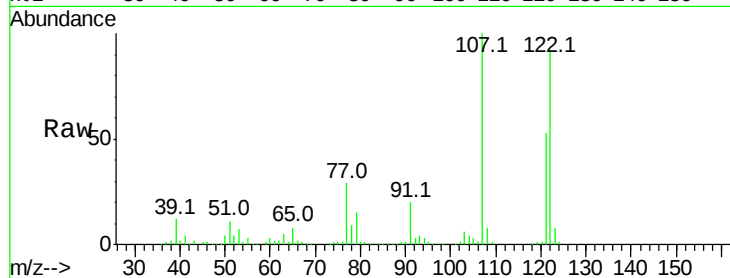
Tot Ion:122 Resp: 442408

Ion Ratio Lower Upper

122 100

107 109.1 89.2 133.8

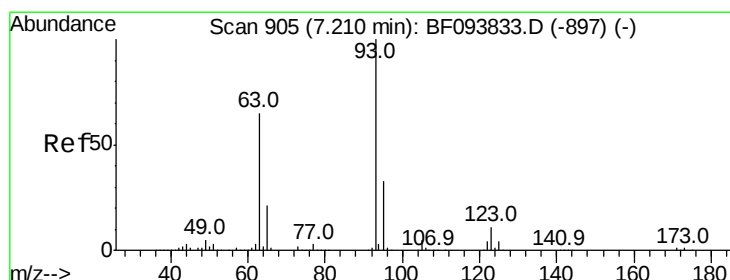
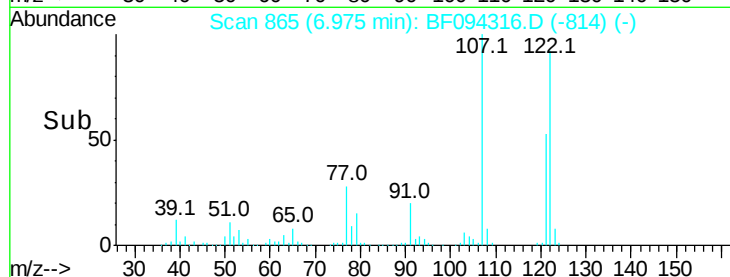
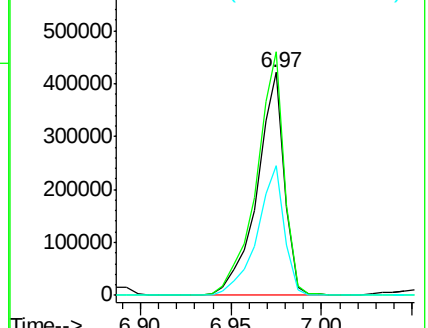
121 58.1 45.2 67.8



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: 43.44 ng

RT: 7.06 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

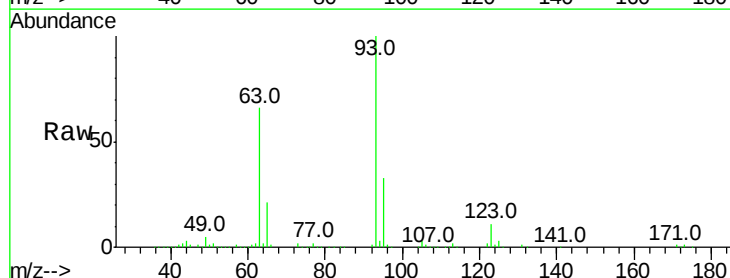
Tgt Ion: 93 Resp: 580087

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

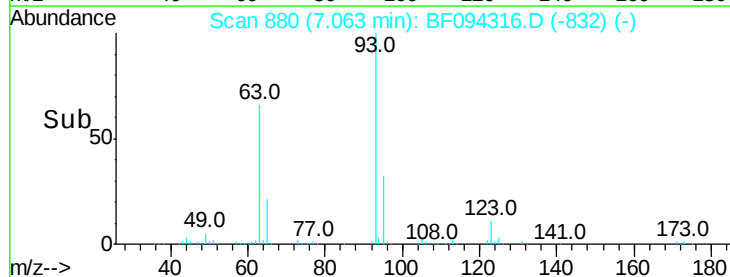
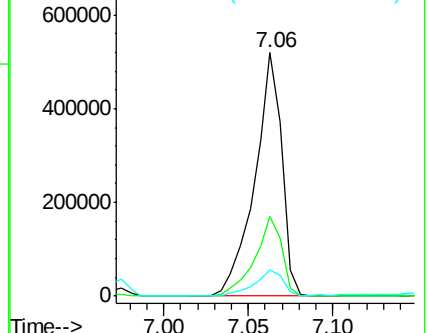
123 10.8 9.0 13.4

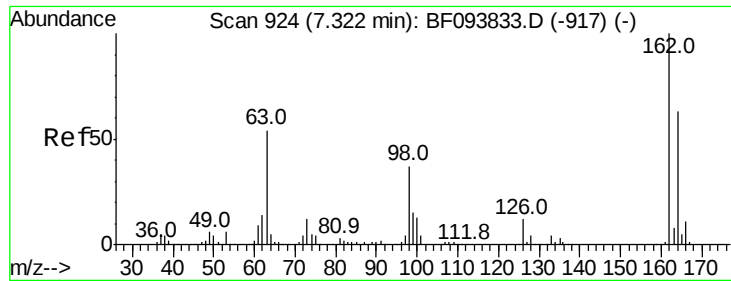


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

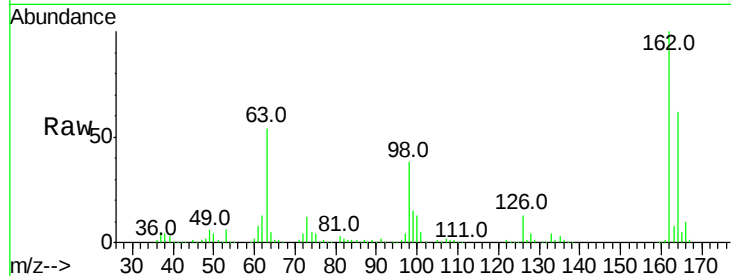




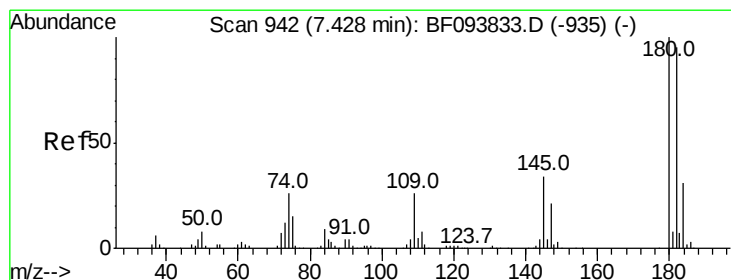
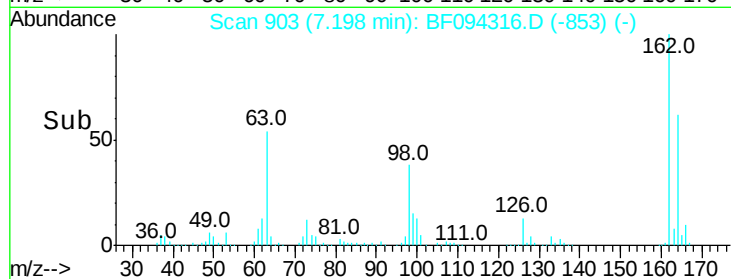
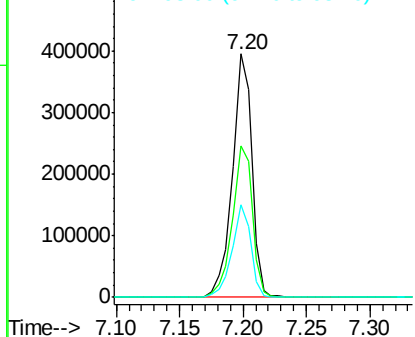
#29
 2,4-Dichlorophenol
 Concen: 47.70 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 416596
 Ion Ratio Lower Upper
 162 100
 164 62.2 44.6 84.6
 98 37.8 14.8 54.8

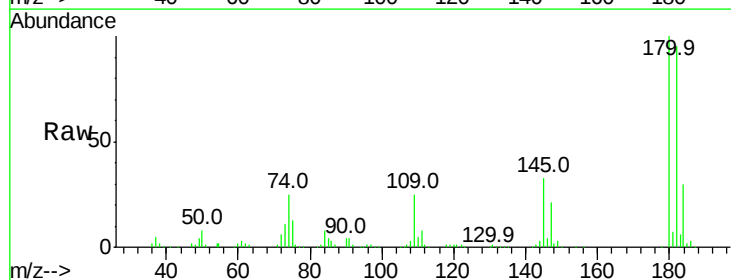


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

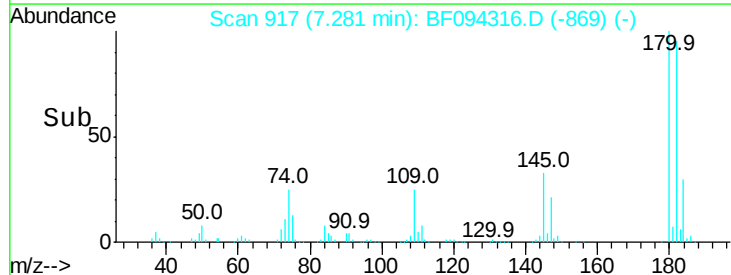
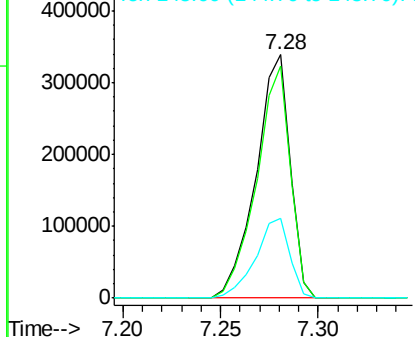


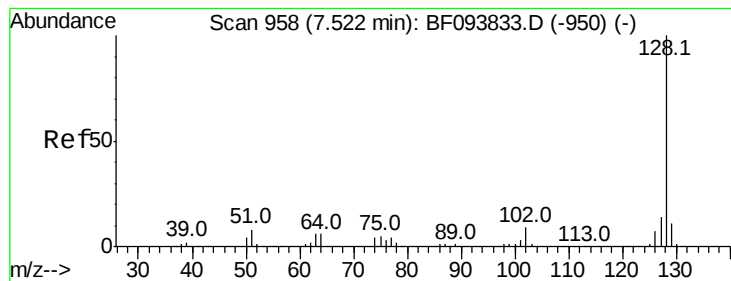
#30
 1,2,4-Trichlorobenzene
 Concen: 45.61 ng
 RT: 7.28 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion:180 Resp: 410259
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.8 113.6
 145 32.7 25.3 37.9



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





#31

Naphthalene

Concen: 43.59 ng

RT: 7.37 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampleId :

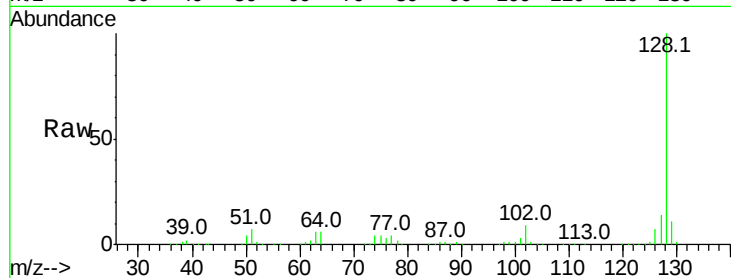
Tot Ion:128 Resp: 1378463

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

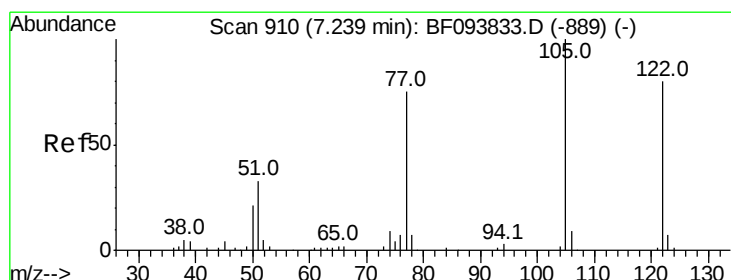
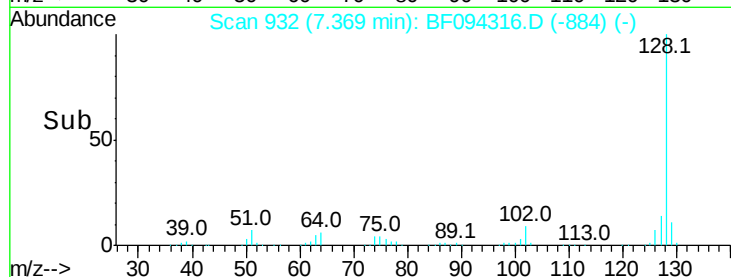
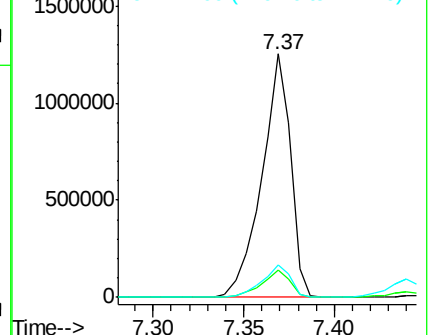
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.28 ng

RT: 7.16 min Scan# 896

Delta R.T. 0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

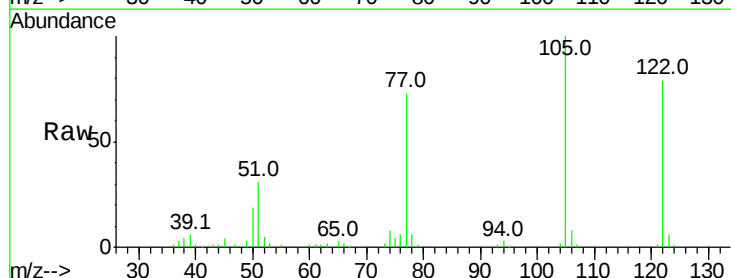
Tgt Ion:122 Resp: 256646

Ion Ratio Lower Upper

122 100

105 126.6 103.3 143.3

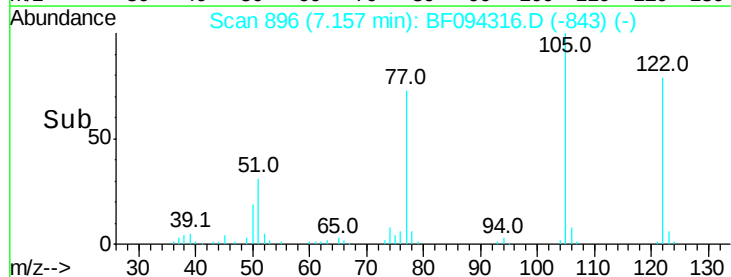
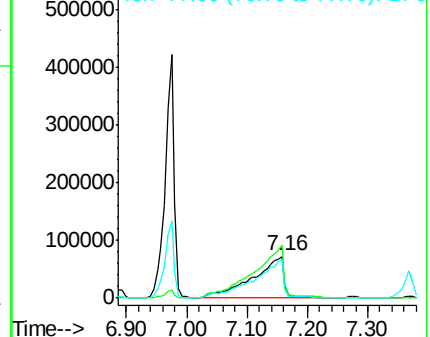
77 92.5 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 11.31 ng

RT: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 144919

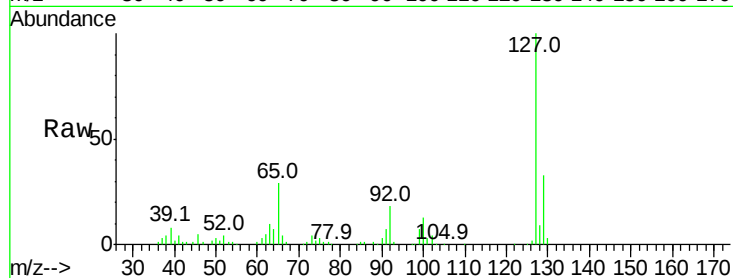
Ion Ratio Lower Upper

127 100

129 32.8 26.2 39.2

65 29.5 27.8 41.8

92 18.3 16.8 25.2

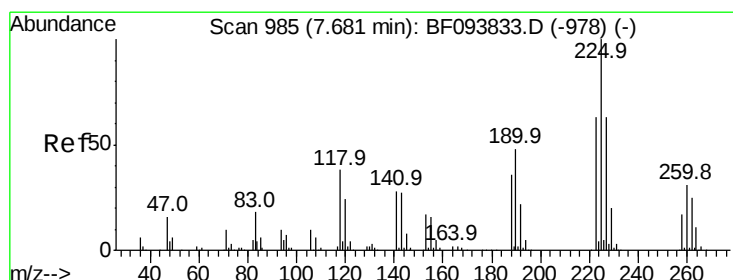
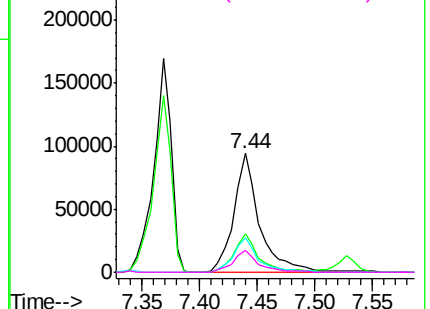
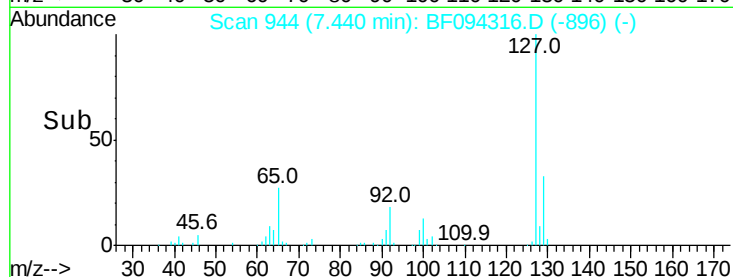


Abundance Ion 127.00 (126.70 to 127.70): E

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: 43.82 ng

RT: 7.52 min Scan# 958

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

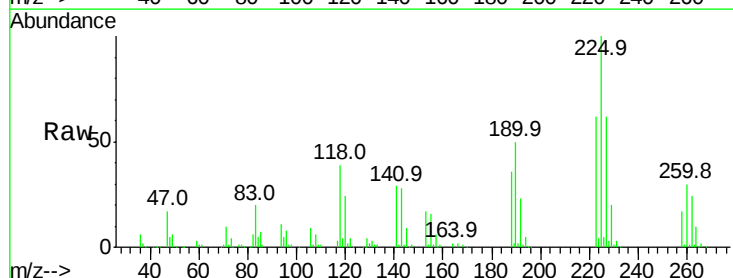
Tgt Ion:225 Resp: 202126

Ion Ratio Lower Upper

225 100

223 61.5 48.8 73.2

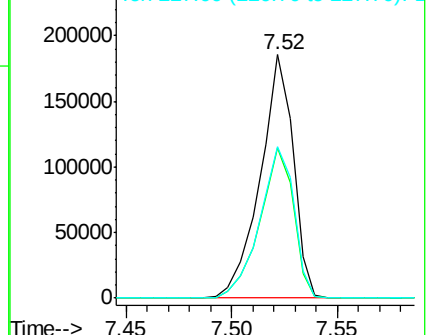
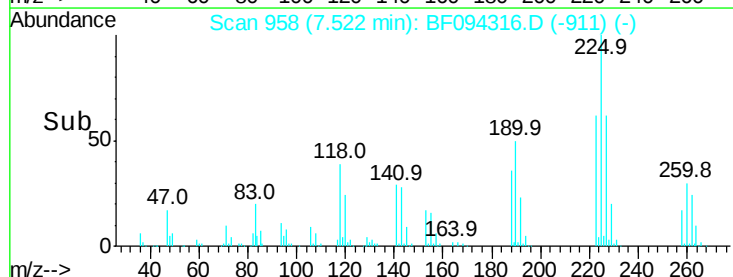
227 62.4 51.1 76.7

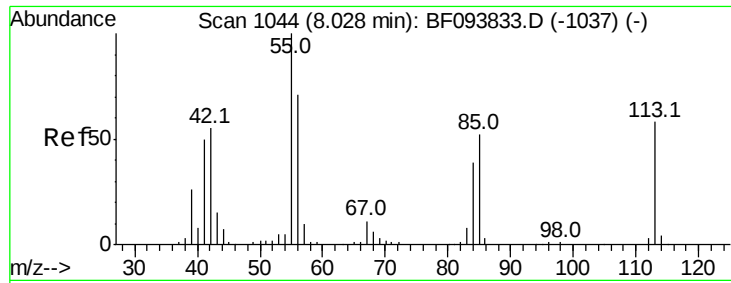


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

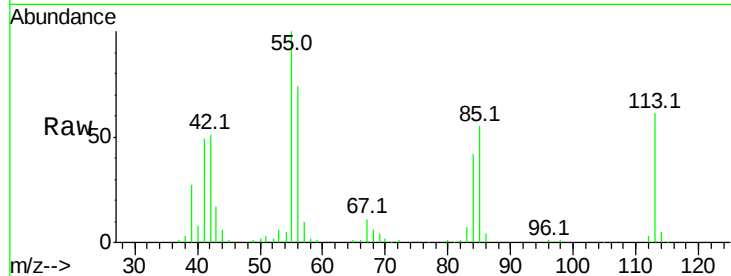




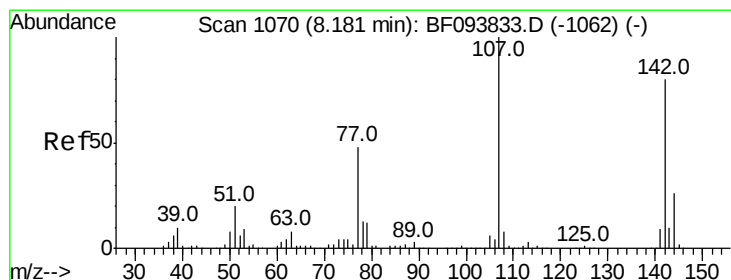
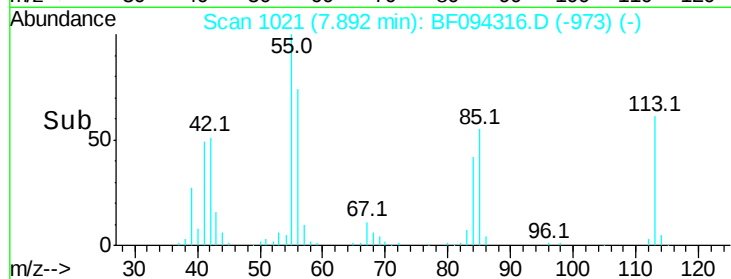
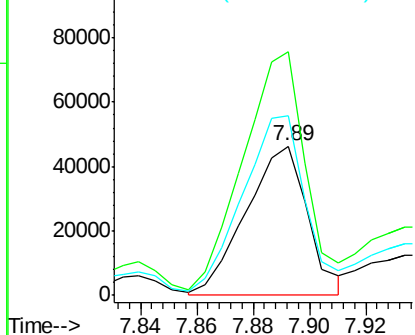
#35
 Caprolactam
 Concen: 25.33 ng
 RT: 7.89 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 70553
 Ion Ratio Lower Upper
 113 100
 55 163.1 150.2 190.2
 56 120.3 107.8 147.8

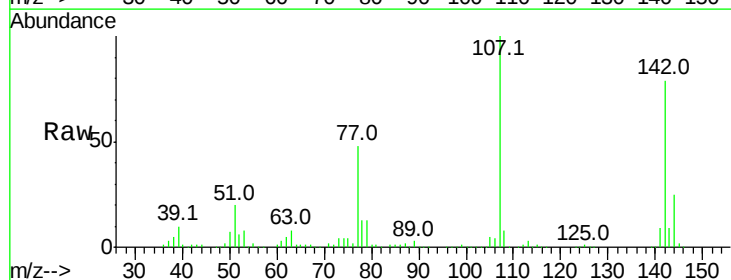


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

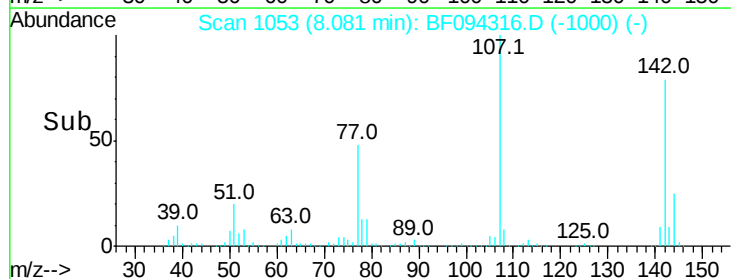
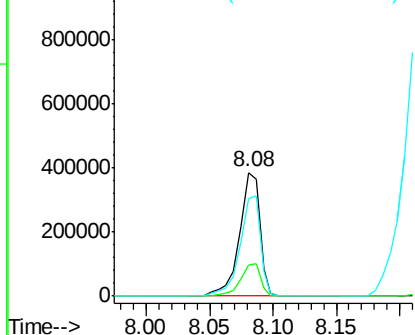


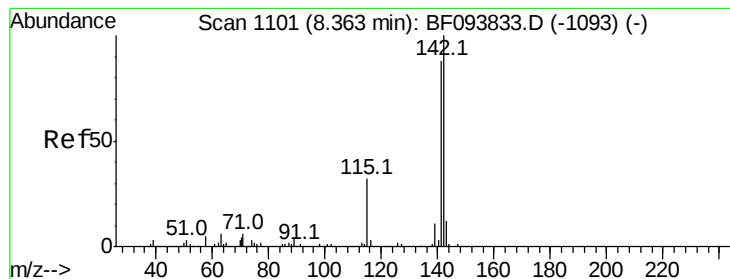
#36
 4-Chloro-3-methylphenol
 Concen: 47.27 ng
 RT: 8.08 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion:107 Resp: 431380
 Ion Ratio Lower Upper
 107 100
 144 24.9 24.2 36.4
 142 78.6 73.4 110.0



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





#37

2-Methylnaphthalene

Concen: 45.38 ng

RT: 8.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampled :

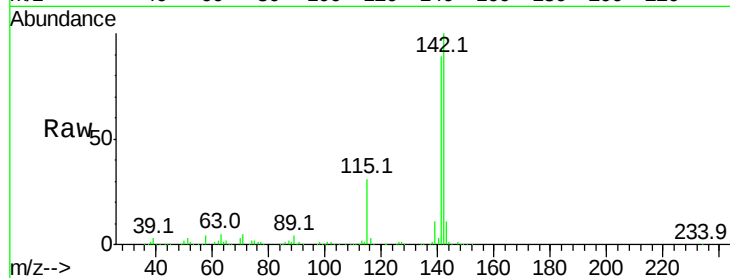
Tot Ion:142 Resp: 956652

Ion Ratio Lower Upper

142 100

141 88.7 71.3 106.9

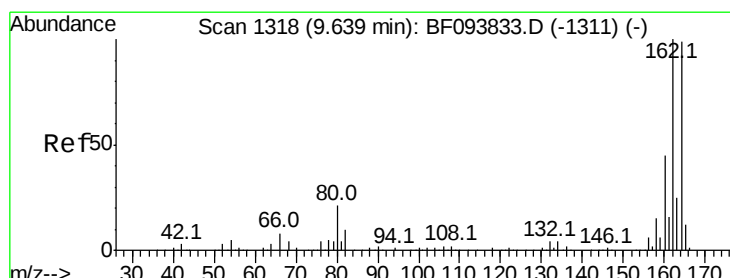
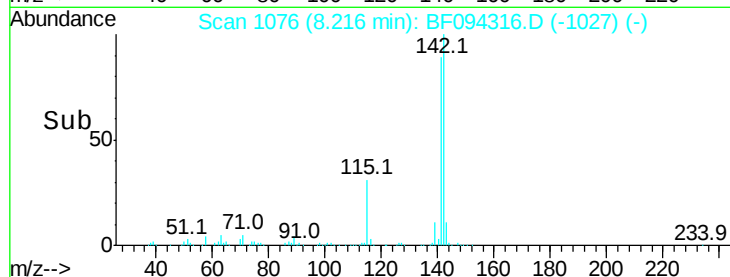
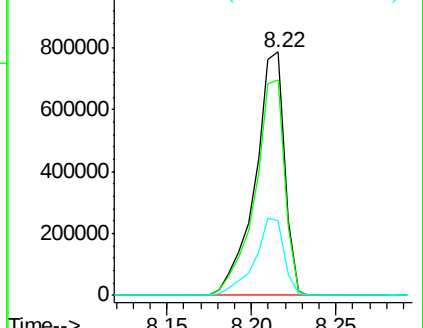
115 30.9 27.1 40.7



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: 9.49 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

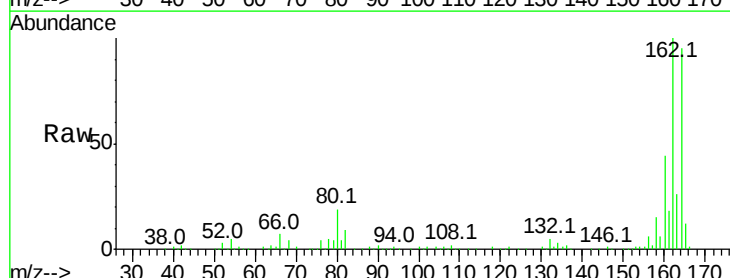
Tgt Ion:164 Resp: 299031

Ion Ratio Lower Upper

164 100

162 105.3 82.6 123.8

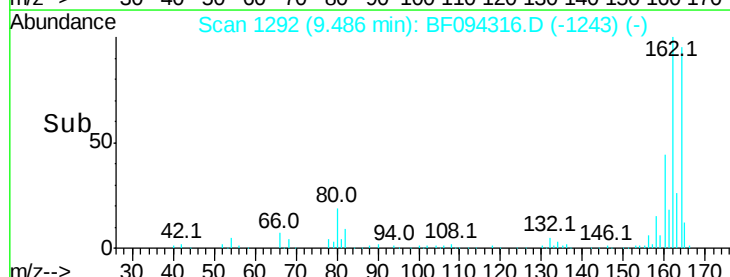
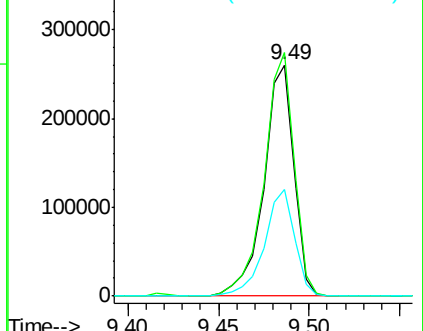
160 46.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

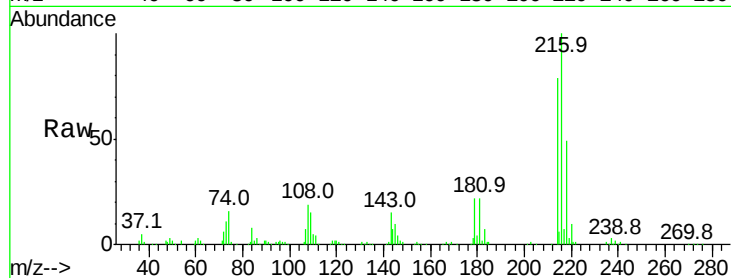




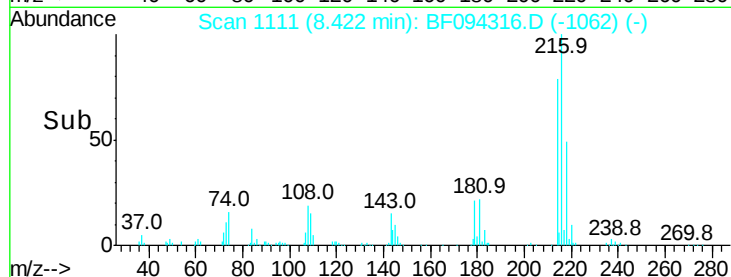
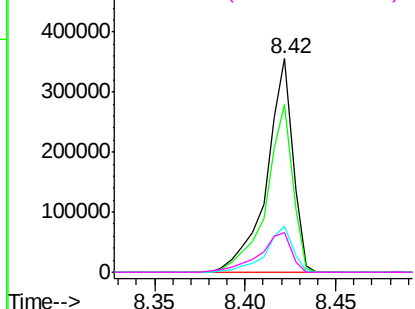
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.58 ng
 RT: 8.42 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	356473
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.4	95.2
179	22.1	17.9	26.9
108	22.9	16.5	24.7

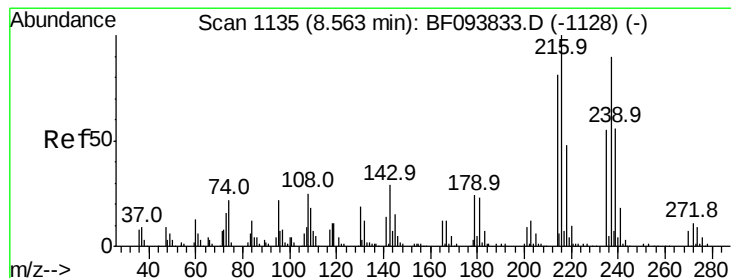


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

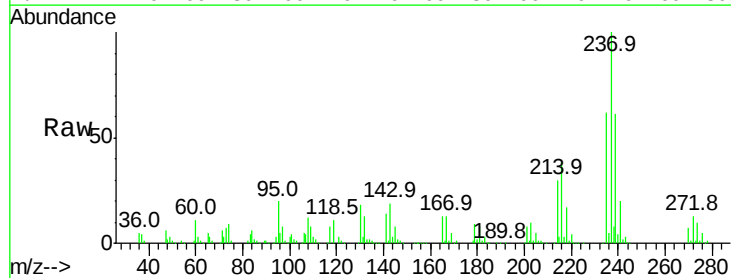
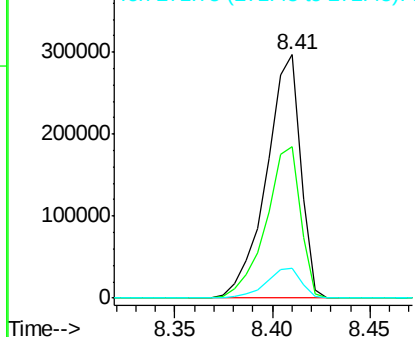


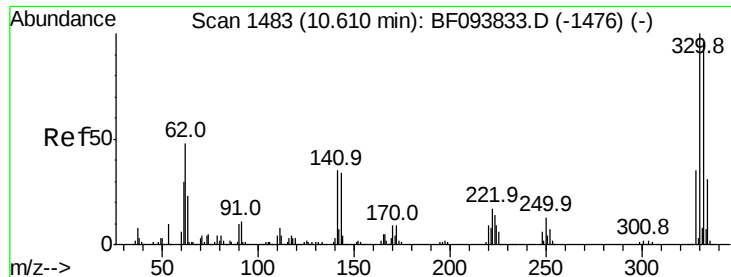
#40
 Hexachlorocyclopentadiene
 Concen: 94.42 ng
 RT: 8.41 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion:	237	Resp:	361448
Ion	Ratio	Lower	Upper
237	100		
235	62.2	42.6	82.6
272	12.5	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

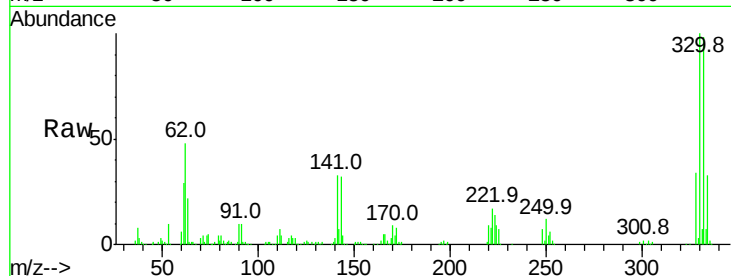




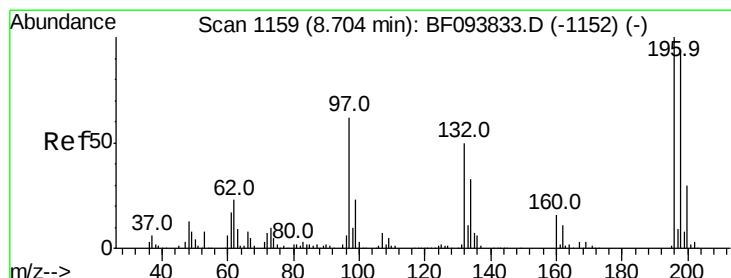
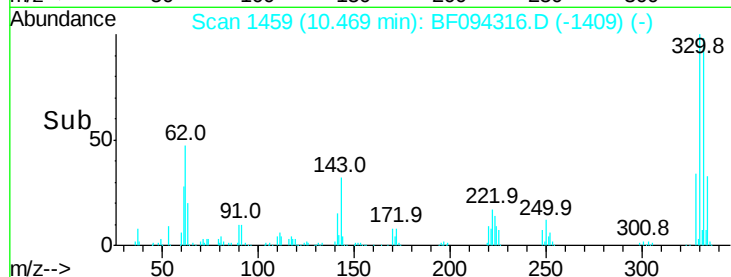
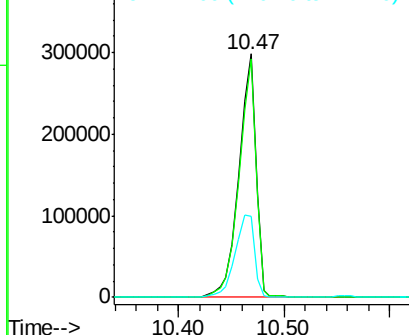
#41
 2,4,6-Tribromophenol
 Concen: 141.11 ng
 RT: 10.47 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	38.6	31.4	47.2

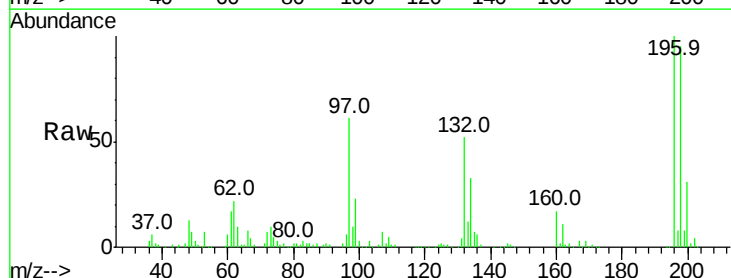


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

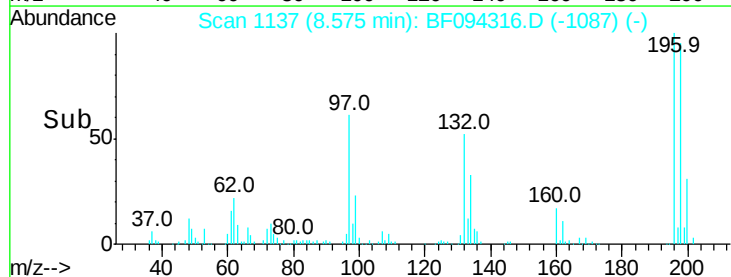
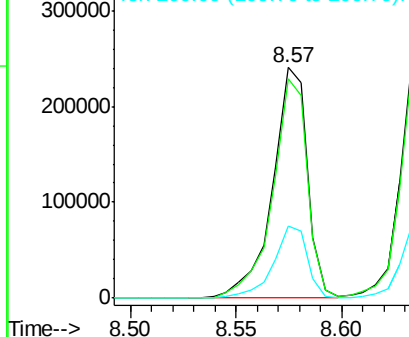


#42
 2,4,6-Trichlorophenol
 Concen: 47.66 ng
 RT: 8.57 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.2	111.4
200	31.3	24.0	36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

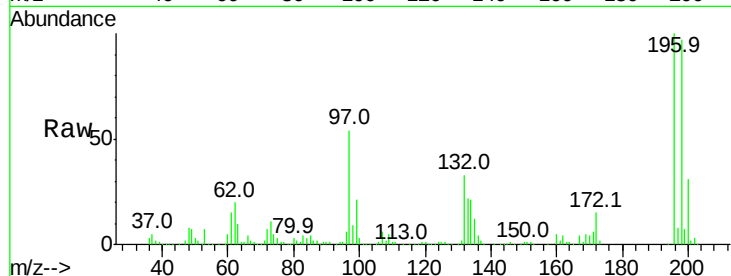




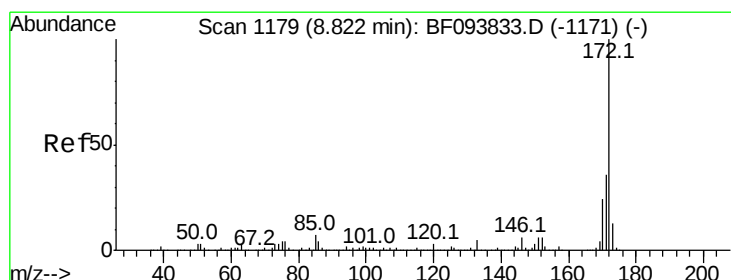
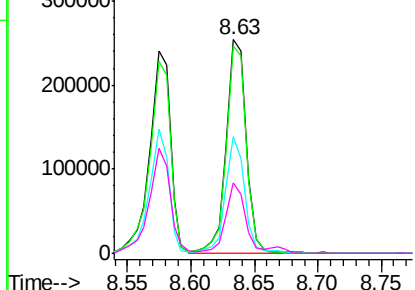
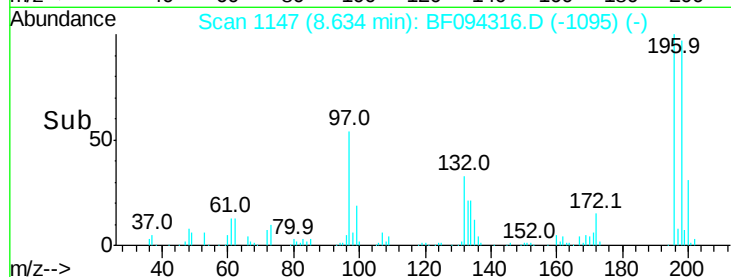
#43
 2,4,5-Trichlorophenol
 Concen: 44.01 ng
 RT: 8.63 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	275603
Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.7	113.5
97	54.4	47.7	71.5
132	33.0	28.0	42.0

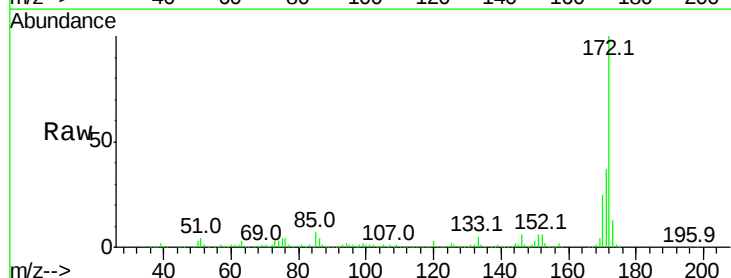


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

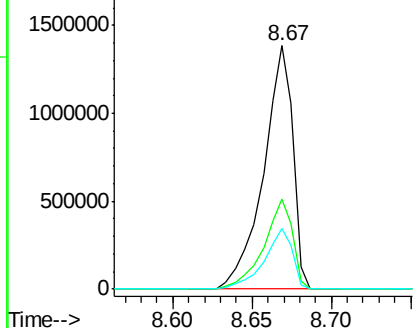
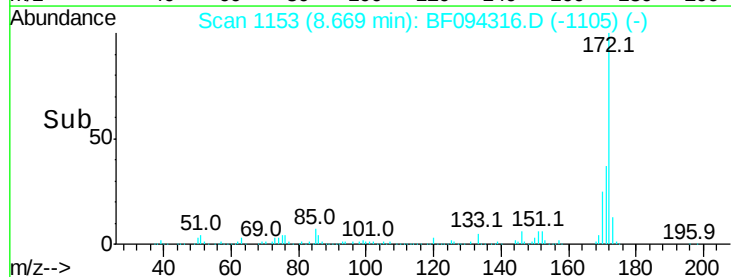


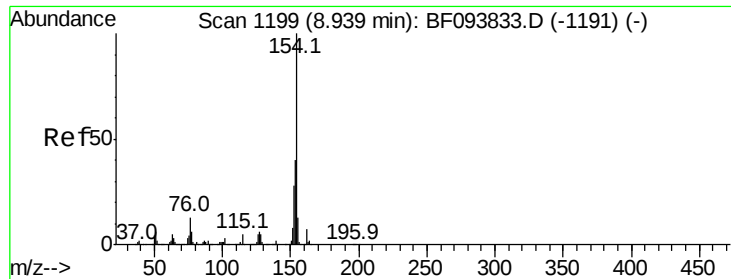
#44
 2-Fluorobiphenyl
 Concen: 91.00 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion:	172	Resp:	1784105
Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.7	19.8	29.8



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

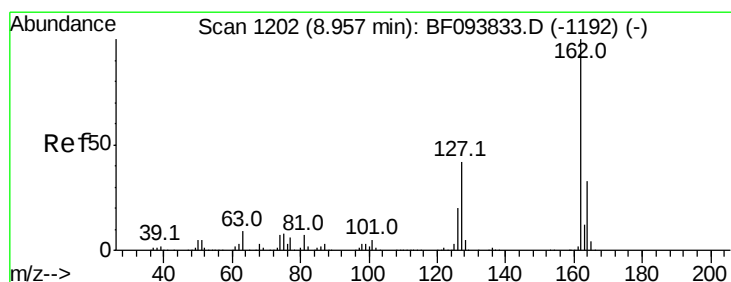
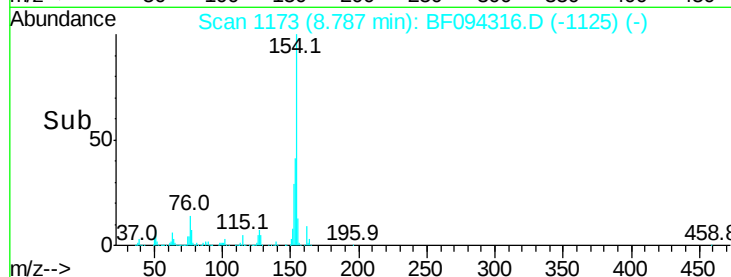
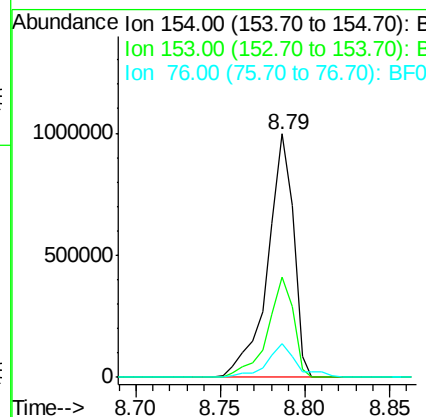
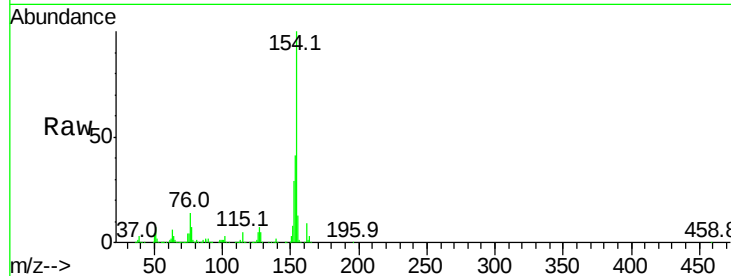




#45
1,1'-Biphenyl
Concen: 43.84 ng
RT: 8.79 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

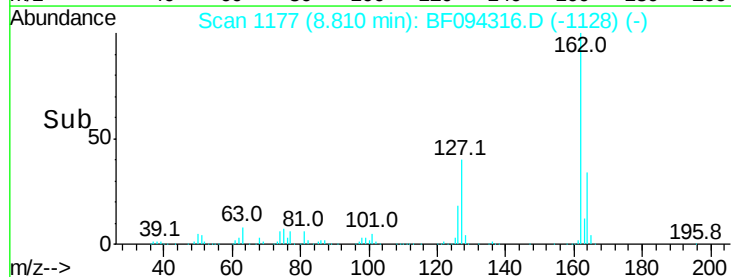
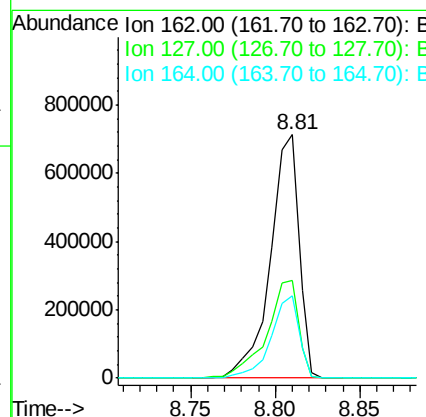
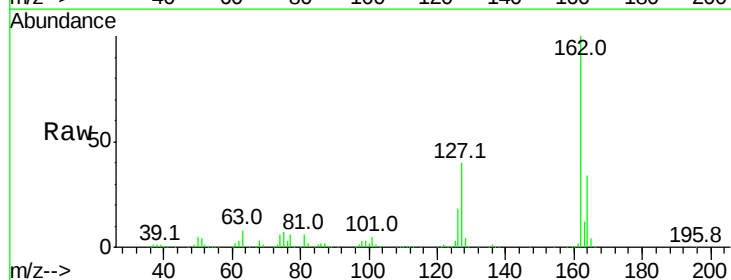
Instrument :
BNA_F
ClientSampleId :

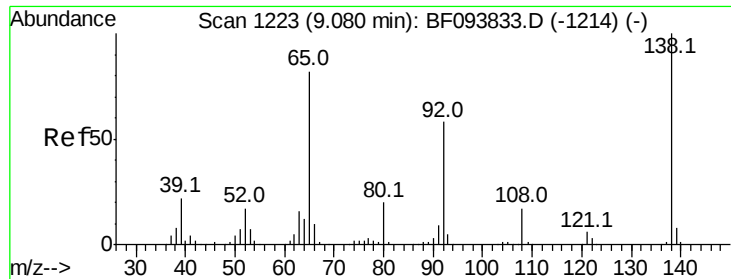
Tot Ion:154 Resp: 1057367
Ion Ratio Lower Upper
154 100
153 41.3 21.2 61.2
76 14.0 0.0 29.9



#46
2-Chloronaphthalene
Concen: 44.52 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion:162 Resp: 840469
Ion Ratio Lower Upper
162 100
127 40.2 28.3 42.5
164 33.8 27.0 40.4

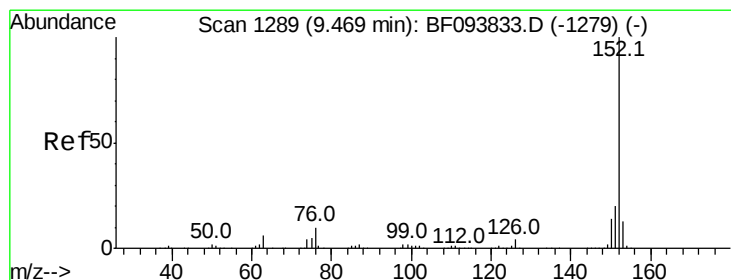
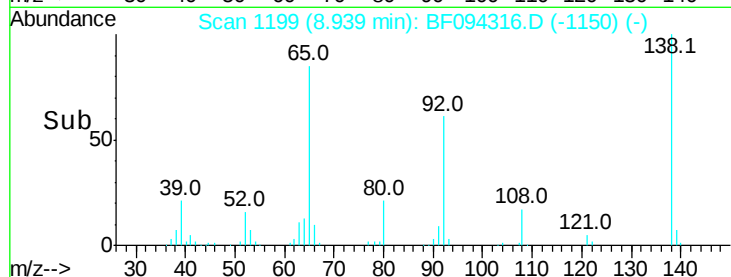
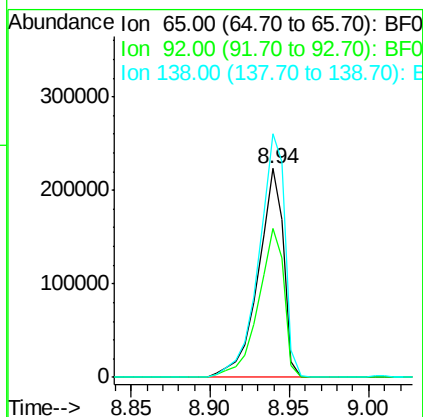
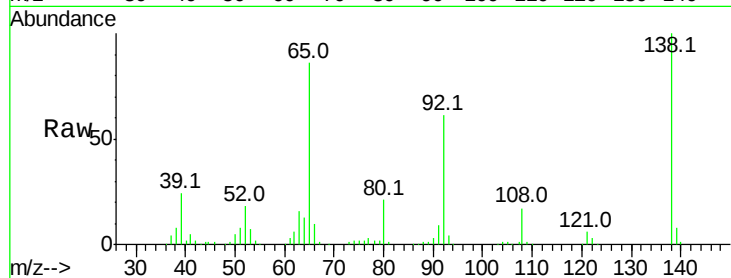




#47
2-Nitroaniline
Concen: 44.78 ng
RT: 8.94 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

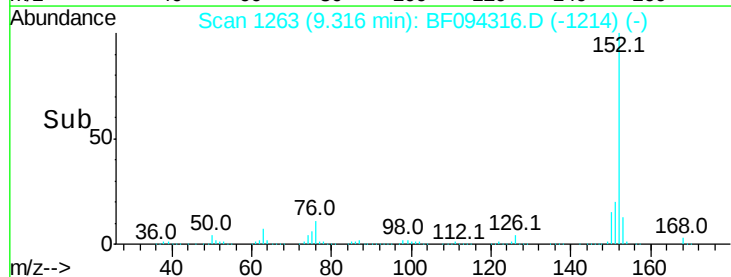
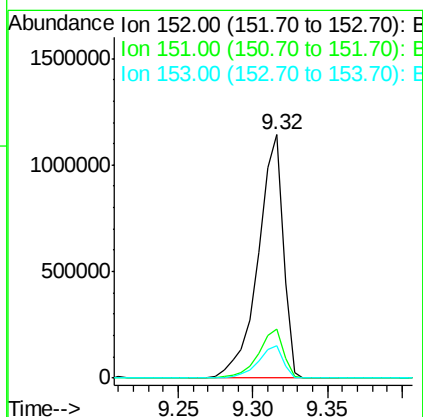
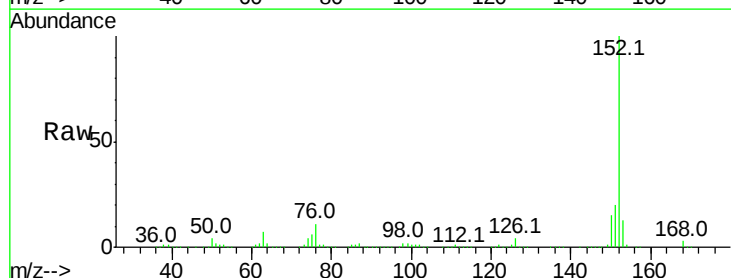
Instrument :
BNA_F
ClientSampleId :

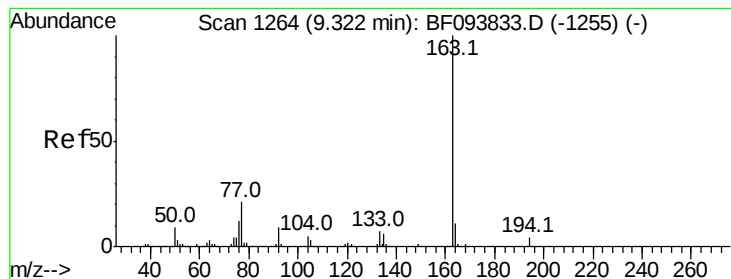
Tot Ion: 65 Resp: 250784
Ion Ratio Lower Upper
65 100
92 71.1 53.9 80.9
138 116.5 78.8 118.2



#48
Acenaphthylene
Concen: 41.98 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion:152 Resp: 1317236
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 47.17 ng

RT: 9.18 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampled :

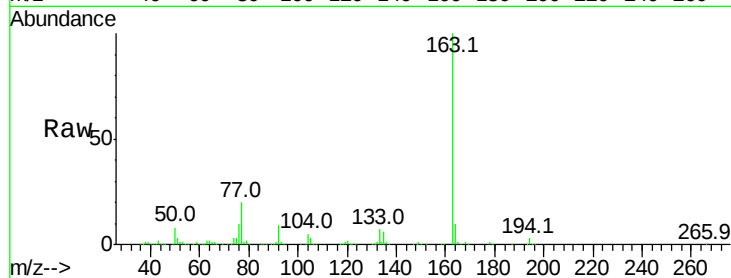
Tot Ion:163 Resp: 1002611

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

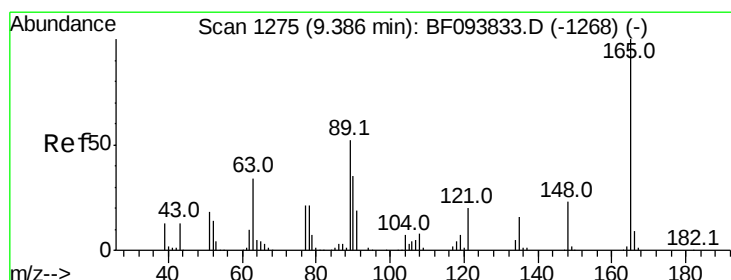
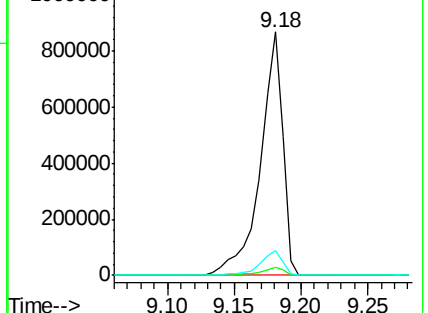
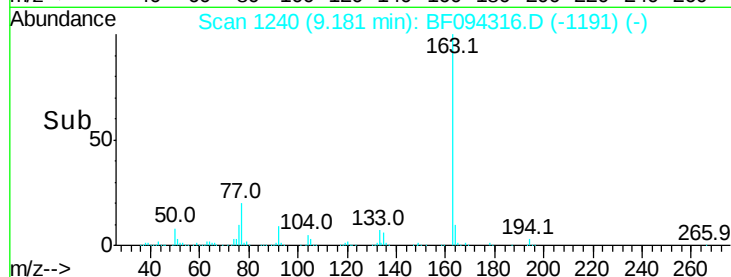
164 10.1 8.4 12.6



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: 47.05 ng

RT: 9.25 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

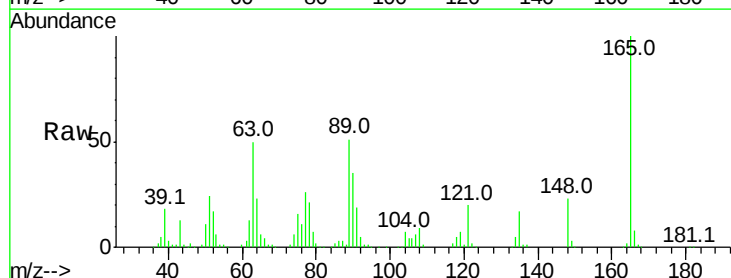
Tgt Ion:165 Resp: 229269

Ion Ratio Lower Upper

165 100

63 49.8 34.3 51.5

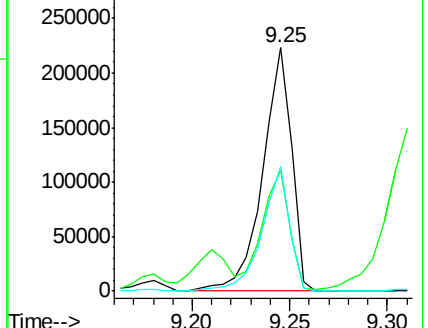
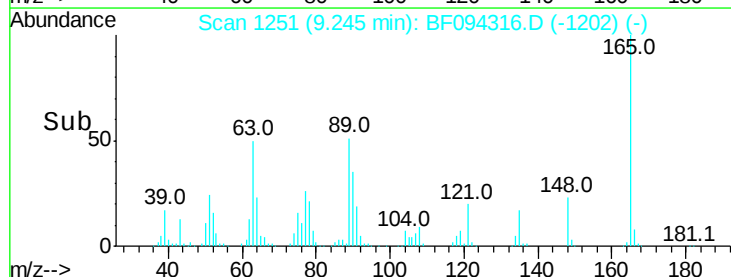
89 51.1 37.1 55.7

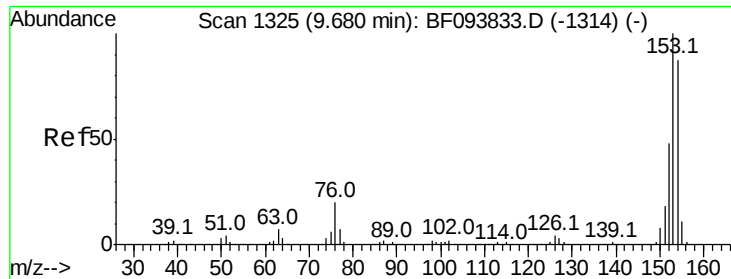


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.21 ng

RT: 9.53 min Scan# 1299

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampled :

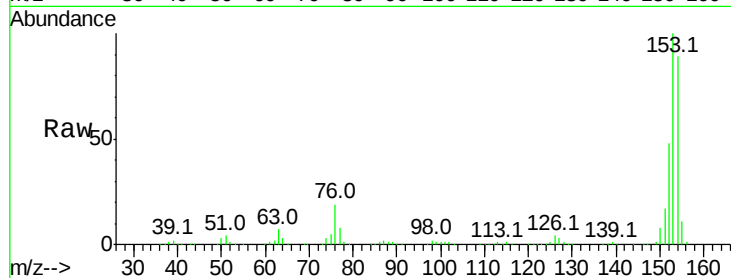
Tot Ion:154 Resp: 791129

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

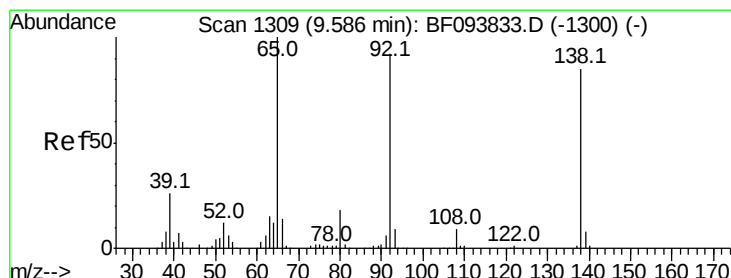
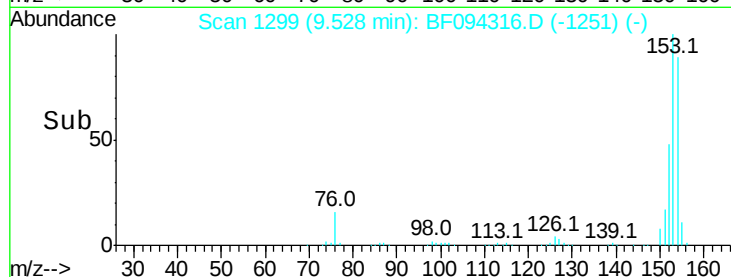
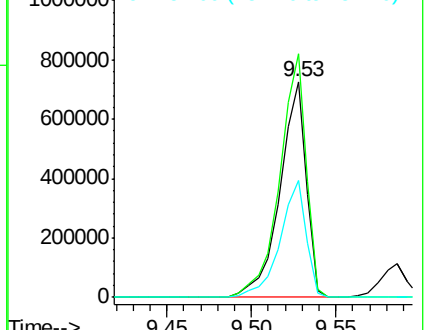
152 54.1 43.6 65.4



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: 17.97 ng

RT: 9.45 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

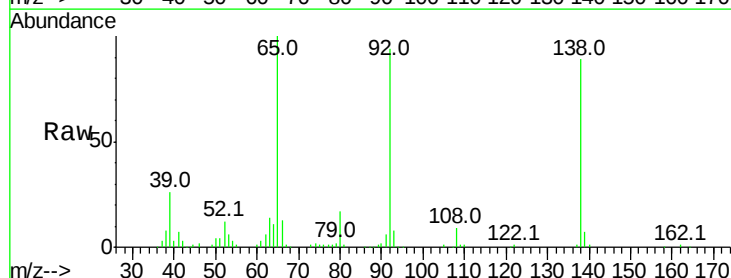
Tgt Ion:138 Resp: 102848

Ion Ratio Lower Upper

138 100

108 10.1 9.1 13.7

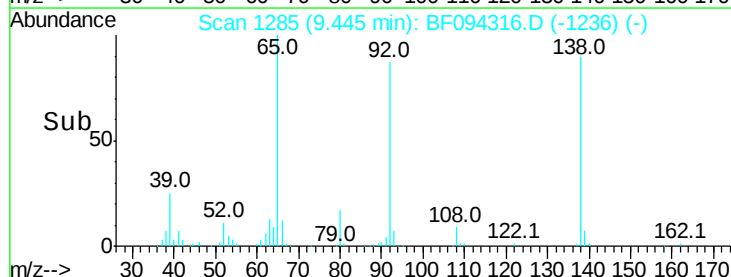
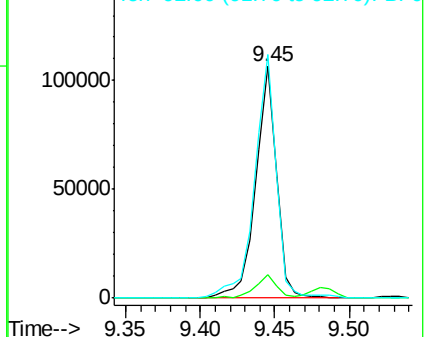
92 104.9 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

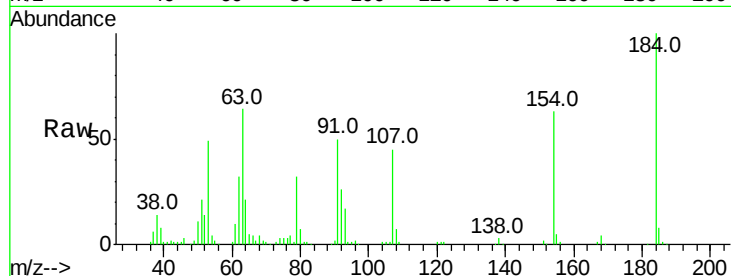




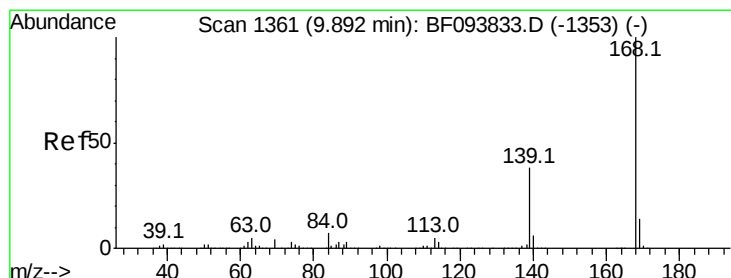
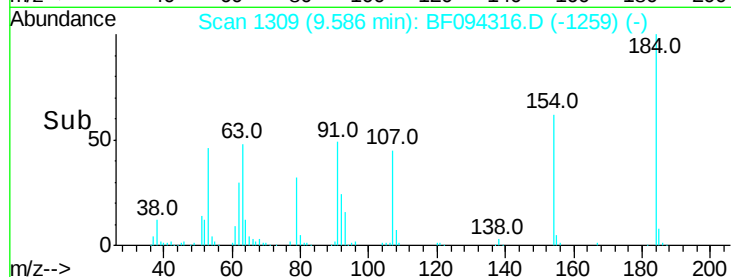
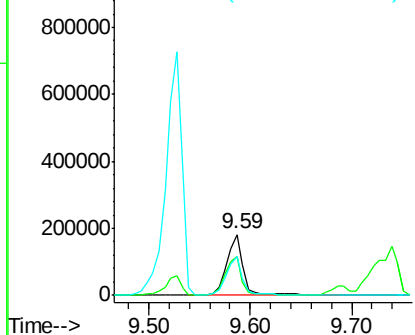
#53
2,4-Dinitrophenol
Concen: 79.93 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 208402
Ion Ratio Lower Upper
184 100
63 64.0 62.7 94.1
154 62.5 81.1 121.7#

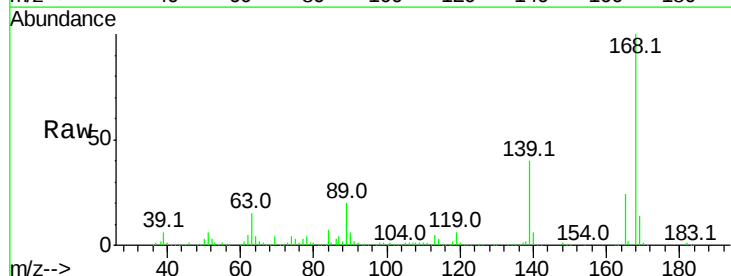


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

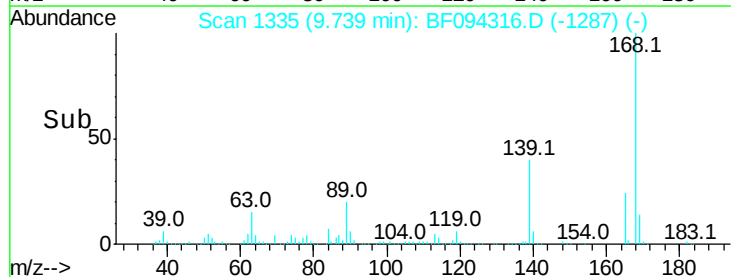
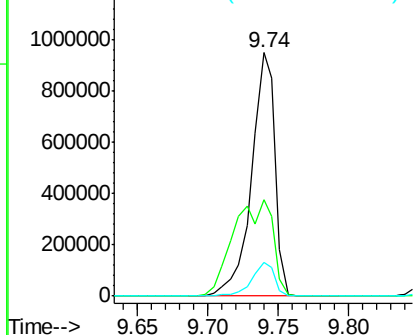


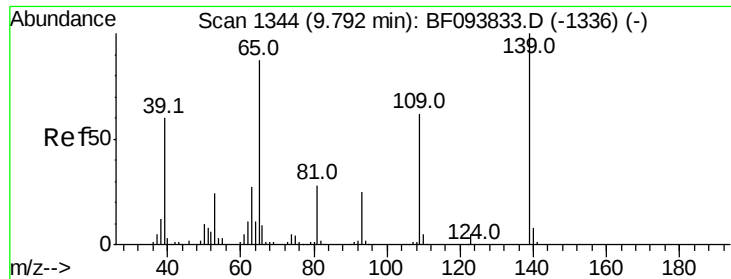
#54
Dibenzofuran
Concen: 44.45 ng
RT: 9.74 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion:168 Resp: 1107938
Ion Ratio Lower Upper
168 100
139 39.7 30.6 45.8
169 13.9 10.8 16.2



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





#55

4-Nitrophenol

Concen: 165.92 ng

RT: 9.74 min Scan# 1335

Delta R.T. 0.05 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampled :

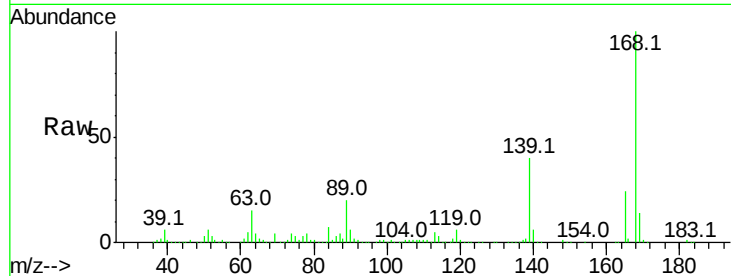
Tot Ion:139 Resp: 743479

Ion Ratio Lower Upper

139 100

109 2.6 34.1 74.1#

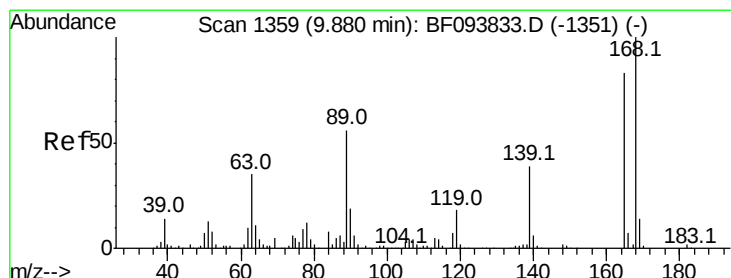
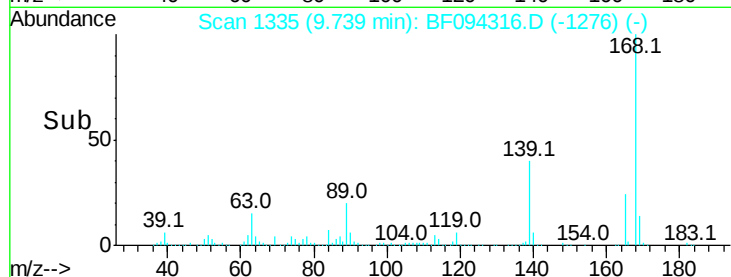
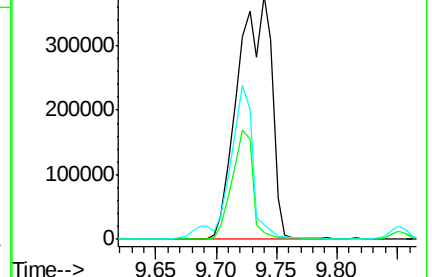
65 6.0 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.84 ng

RT: 9.74 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Tgt Ion:165 Resp: 262210

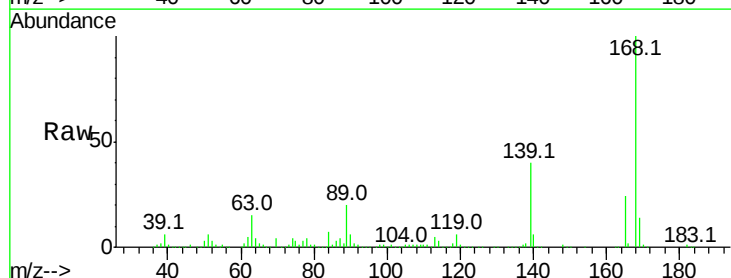
Ion Ratio Lower Upper

165 100

63 62.7 25.4 38.0#

89 81.9 46.4 69.6#

182 2.3 1.8 2.6

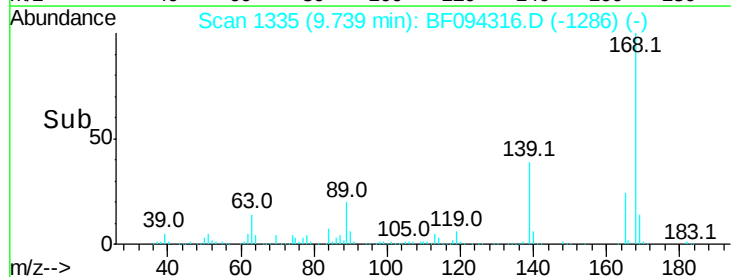
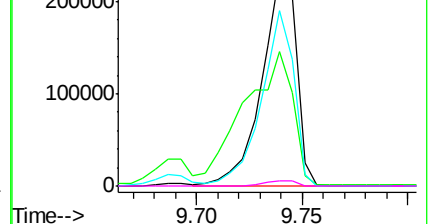


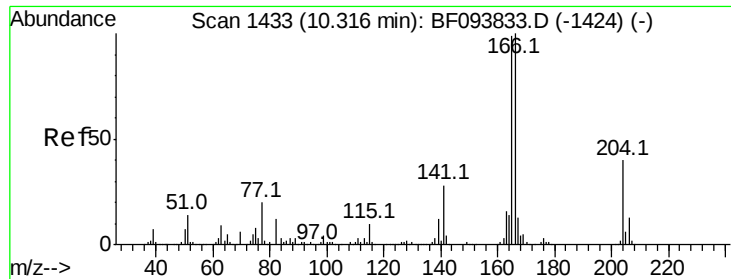
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

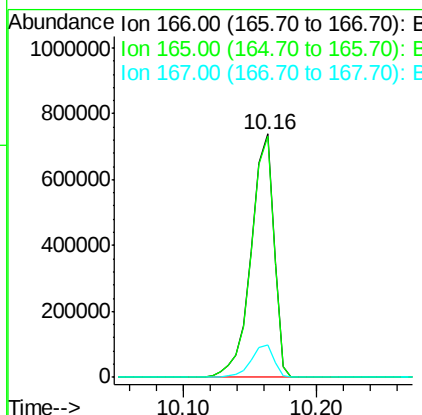
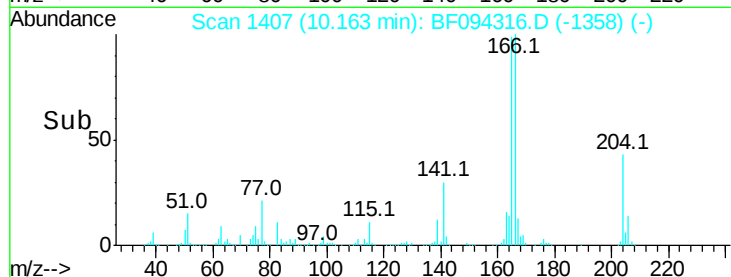
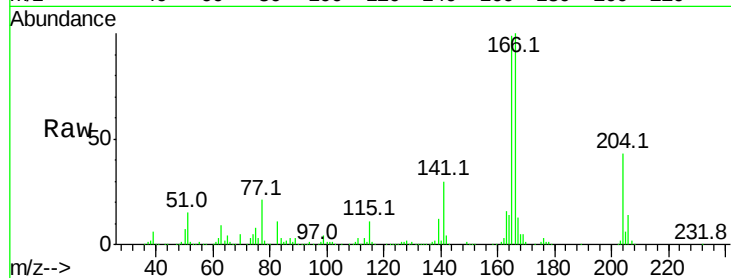




#57
 Fluorene
 Concen: 41.48 ng
 RT: 10.16 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

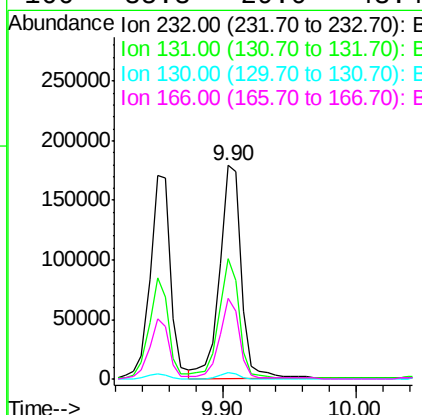
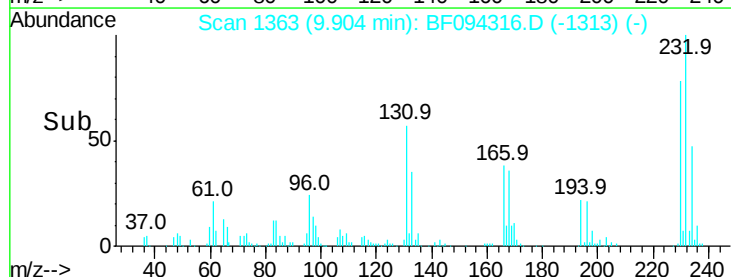
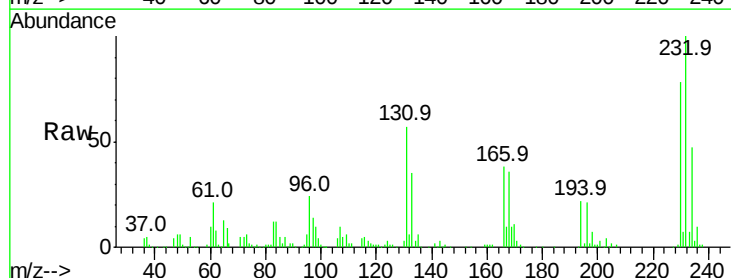
Instrument :
 BNA_F
 ClientSampled :

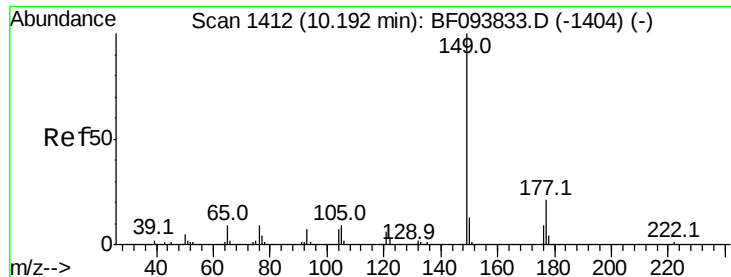
Tot Ion:166 Resp: 857435
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.8 118.2
 167 13.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.87 ng
 RT: 9.90 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion:232 Resp: 205690
 Ion Ratio Lower Upper
 232 100
 131 53.6 44.8 67.2
 130 2.5 2.3 3.5
 166 35.3 29.0 43.4

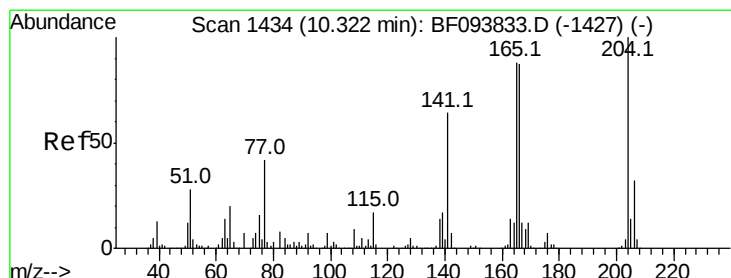
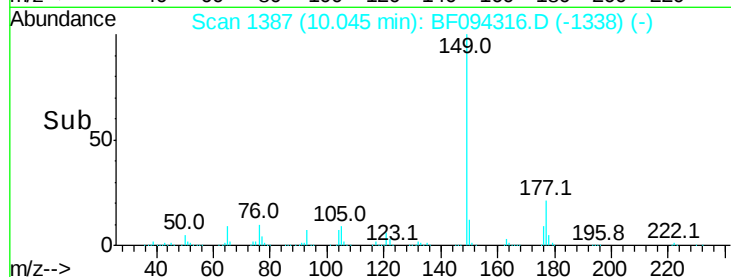
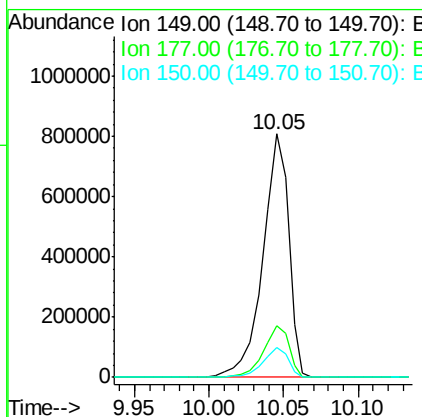
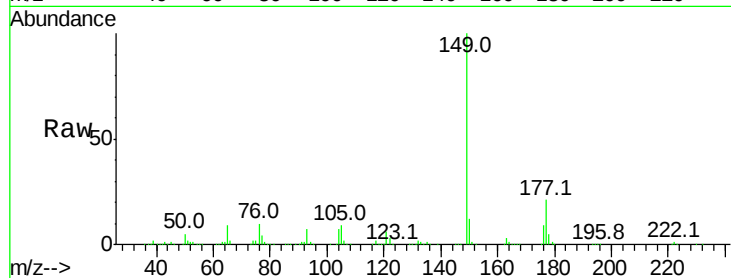




#59
Diethylphthalate
Concen: 45.84 ng
RT: 10.05 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

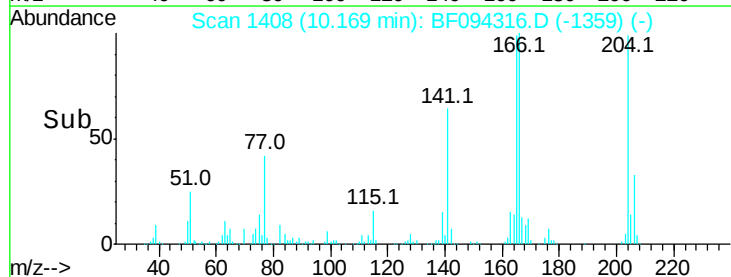
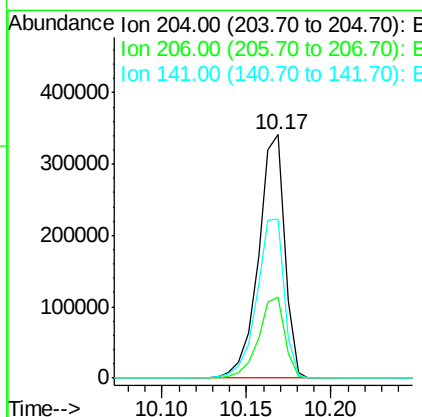
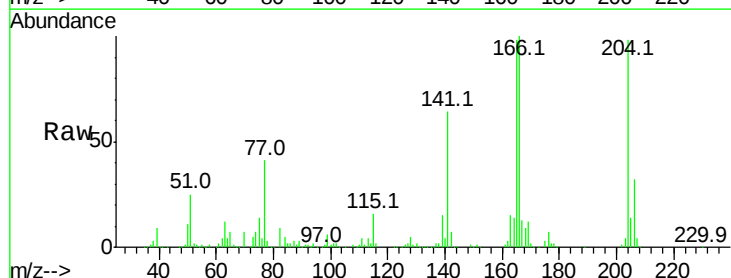
Instrument :
BNA_F
ClientSampled :

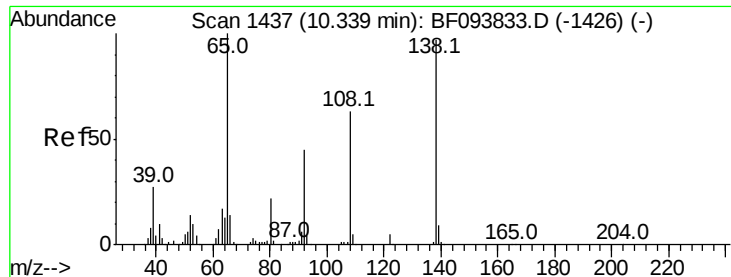
Tot Ion:149 Resp: 963056
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.86 ng
RT: 10.17 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion:204 Resp: 368631
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 65.1 60.8 91.2

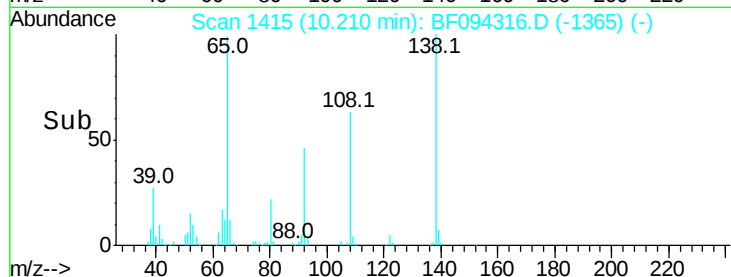
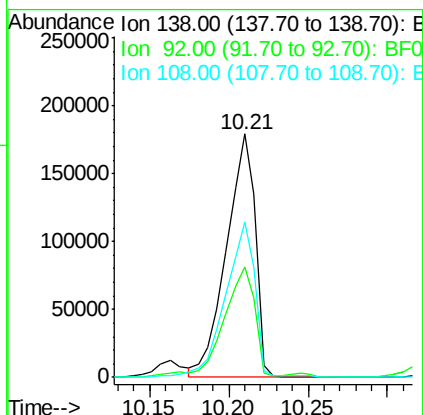
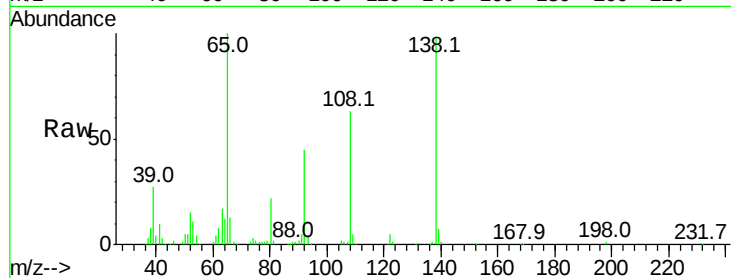




#61
4-Nitroaniline
Concen: 41.19 ng
RT: 10.21 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

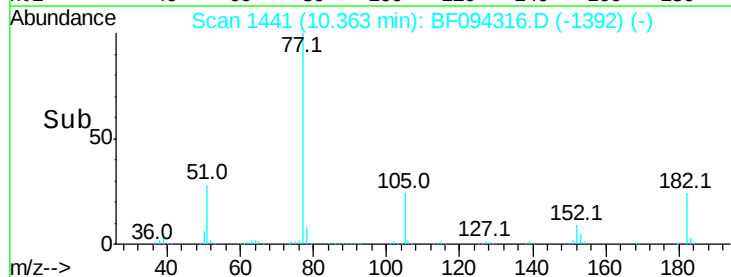
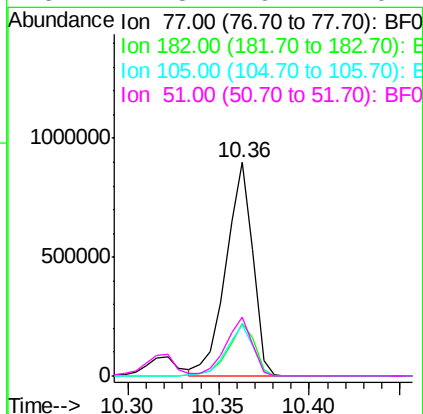
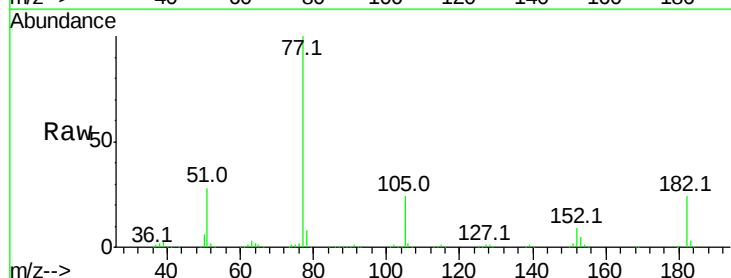
Instrument :
BNA_F
ClientSampled :

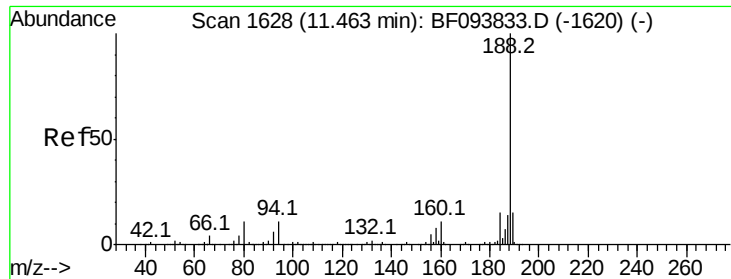
Tot Ion:138 Resp: 226181
Ion Ratio Lower Upper
138 100
92 45.5 21.8 61.8
108 63.8 42.3 82.3



#62
Azobenzene
Concen: 46.48 ng
RT: 10.36 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion: 77 Resp: 923795
Ion Ratio Lower Upper
77 100
182 24.4 0.1 40.1
105 24.0 3.6 43.6
51 27.8 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 1601

Delta R.T. -0.02 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampleId :

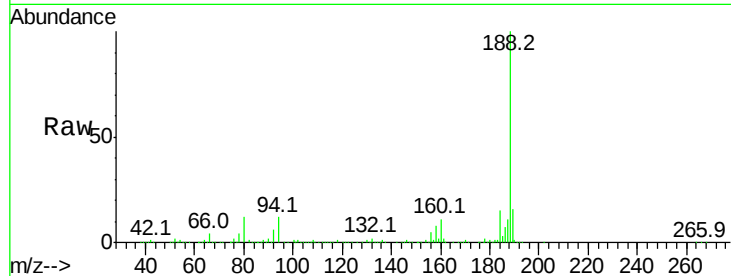
Tot Ion:188 Resp: 513158

Ion Ratio Lower Upper

188 100

94 11.7 9.4 14.2

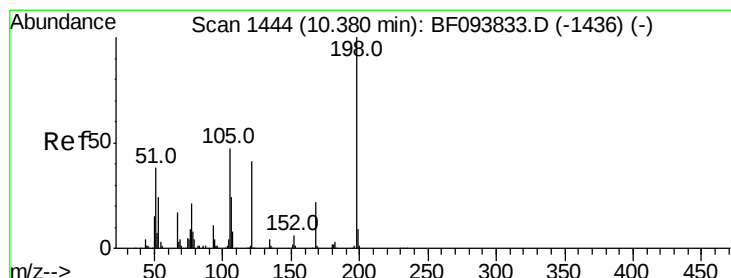
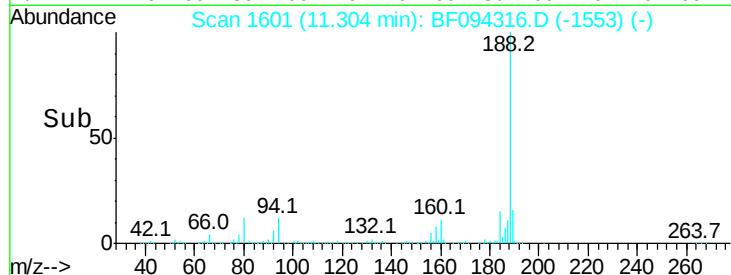
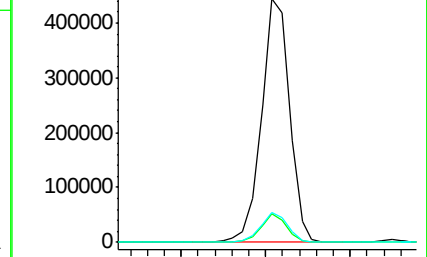
80 12.2 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 47.97 ng

RT: 10.25 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

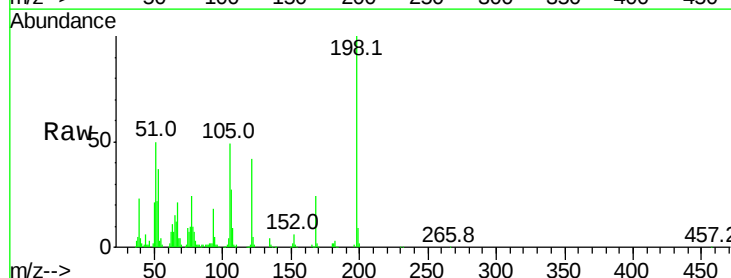
Tgt Ion:198 Resp: 150747

Ion Ratio Lower Upper

198 100

51 50.2 53.2 93.2#

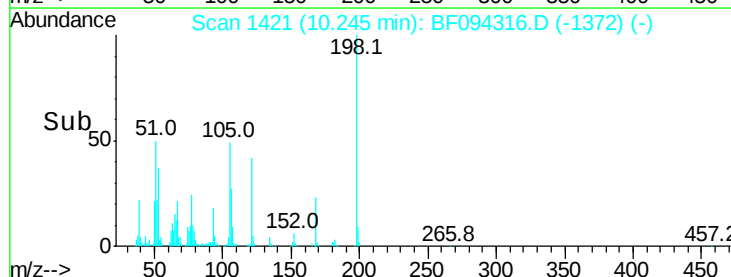
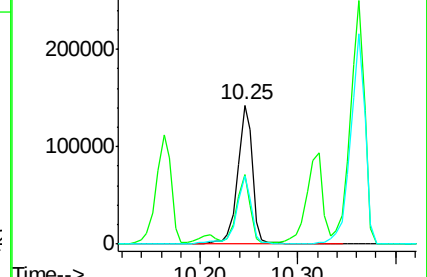
105 49.0 45.8 85.8

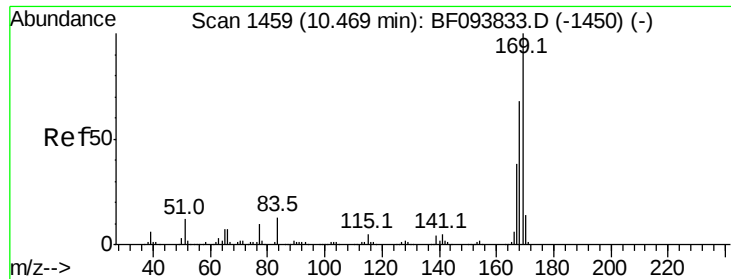


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

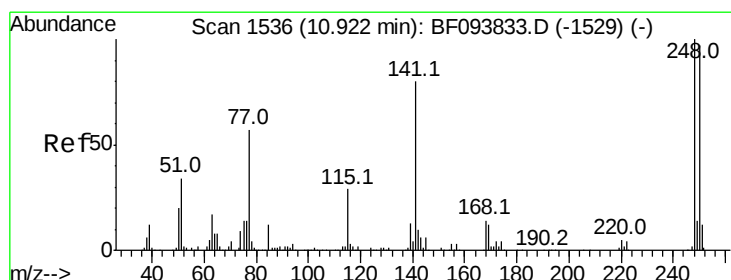
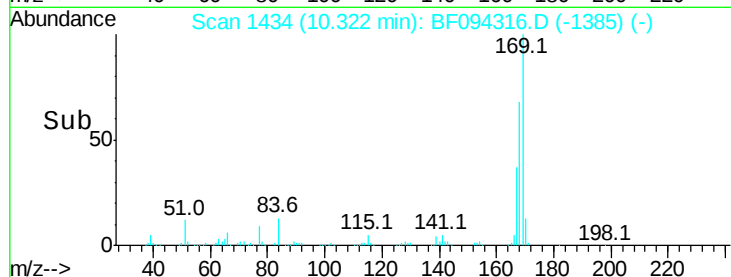
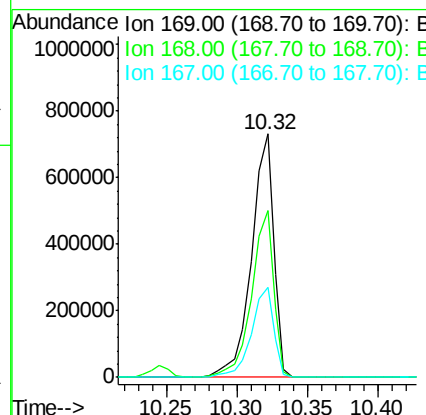
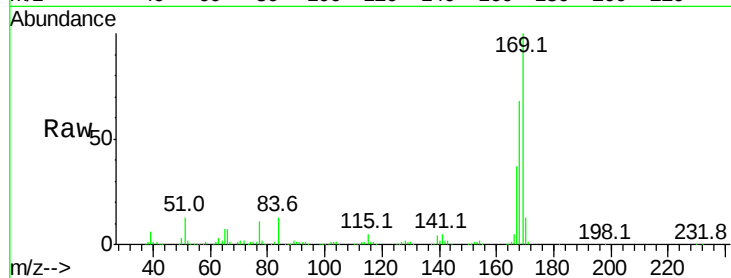




#65
 n-Nitrosodiphenylamine
 Concen: 45.61 ng
 RT: 10.32 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

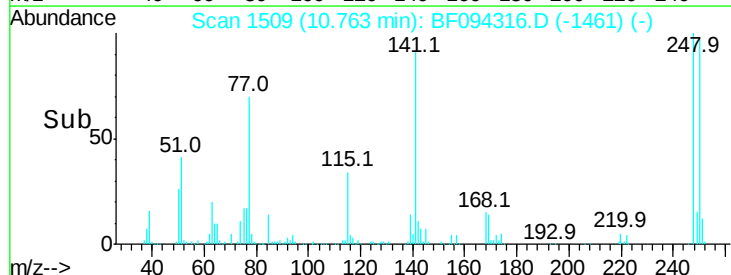
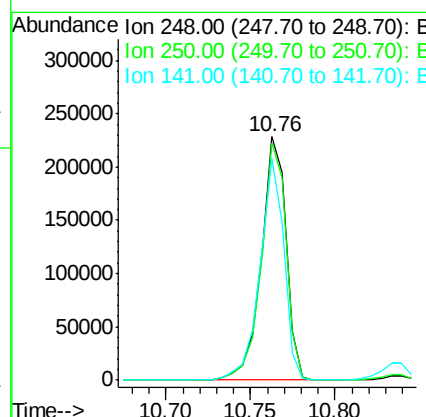
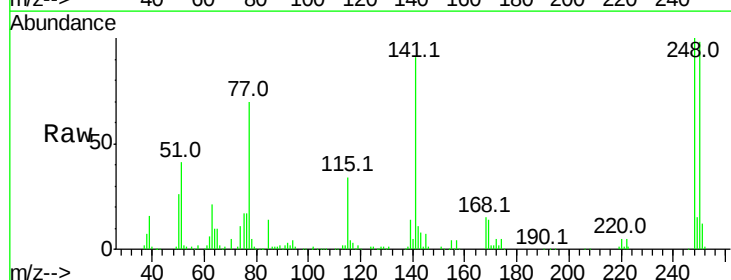
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.3	53.2	79.8
167	36.8	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 46.56 ng
 RT: 10.76 min Scan# 1509
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.8	115.2
141	91.4	68.6	103.0





#67

Hexachlorobenzene

Concen: 46.78 ng

RT: 10.84 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampleId :

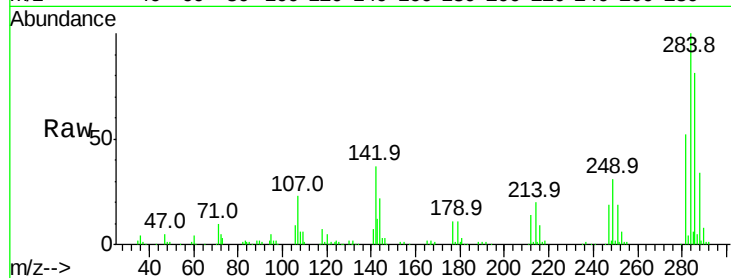
Tot Ion:284 Resp: 238992

Ion Ratio Lower Upper

284 100

142 37.4 22.8 34.2#

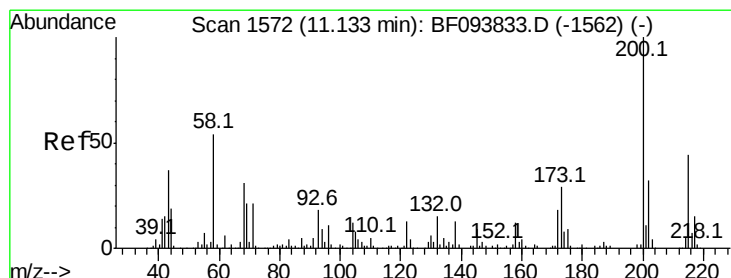
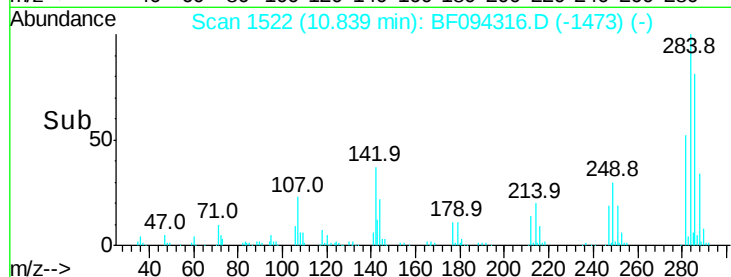
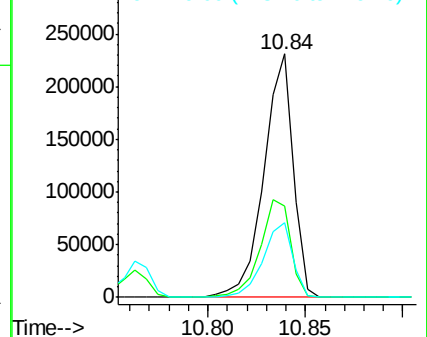
249 30.5 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.38 ng

RT: 10.99 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

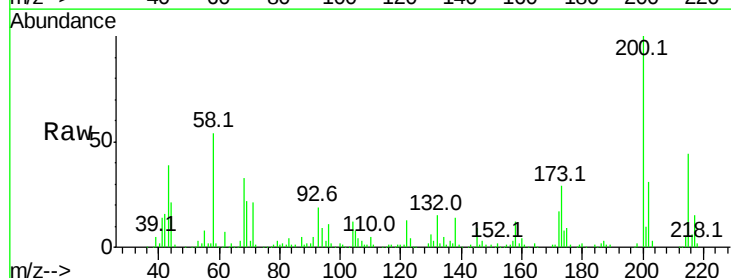
Tgt Ion:200 Resp: 235896

Ion Ratio Lower Upper

200 100

173 28.6 6.3 46.3

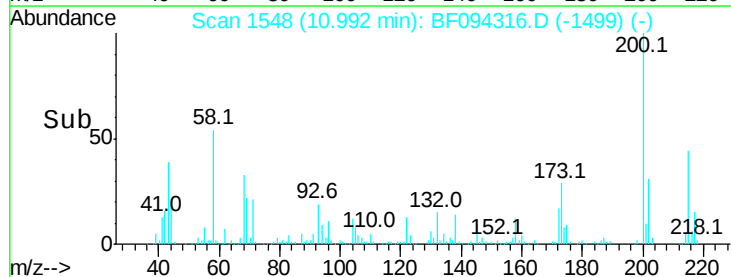
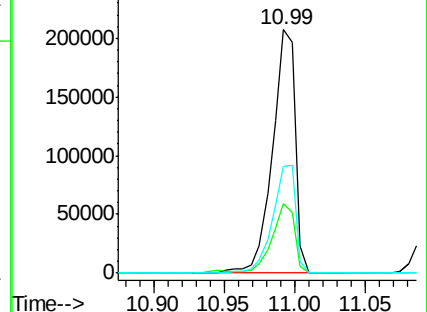
215 43.8 27.2 67.2

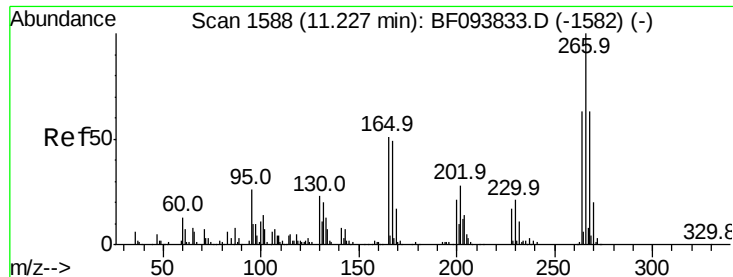


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

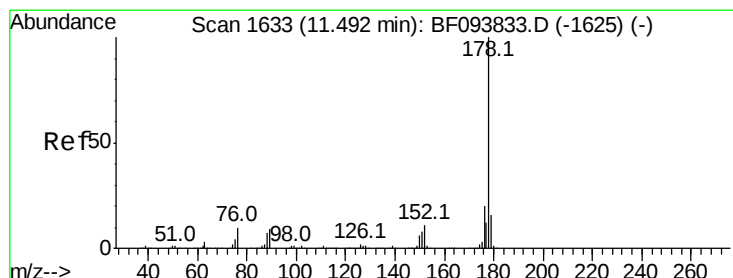
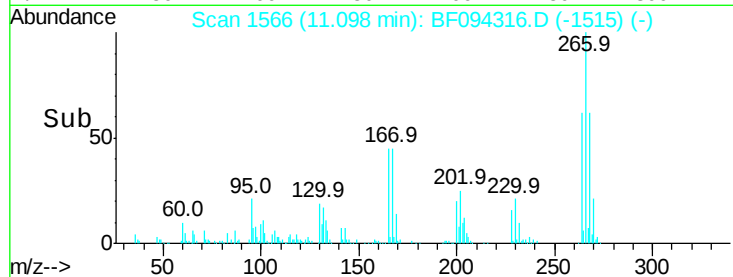
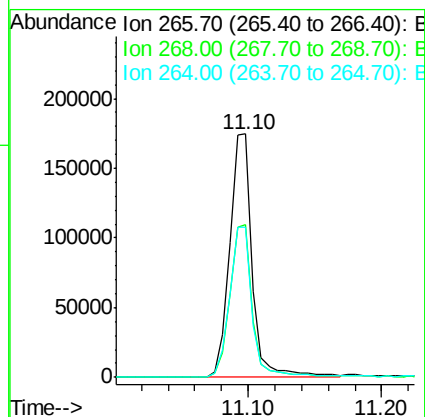
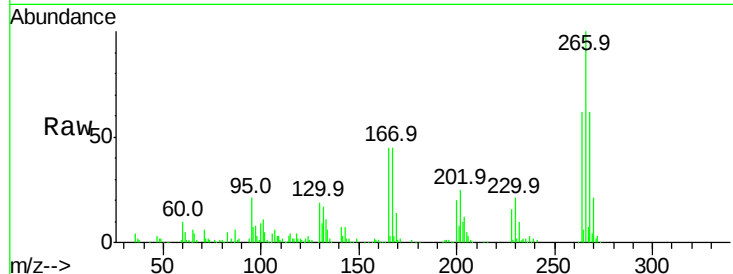




#69
 Pentachlorophenol
 Concen: 65.60 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

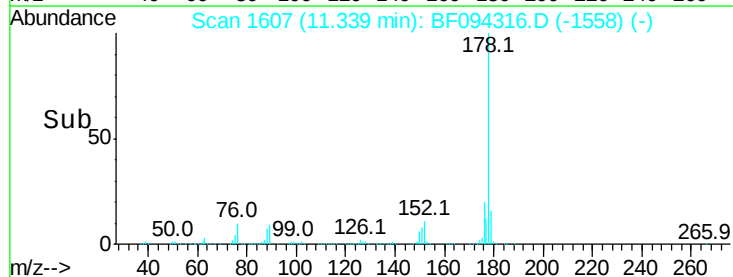
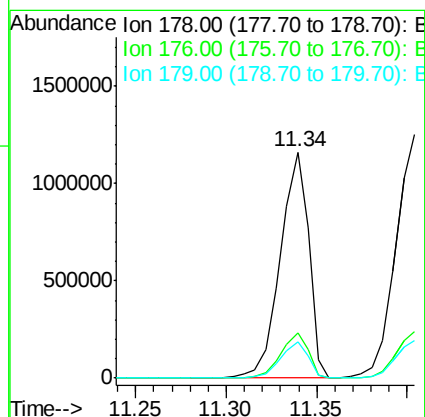
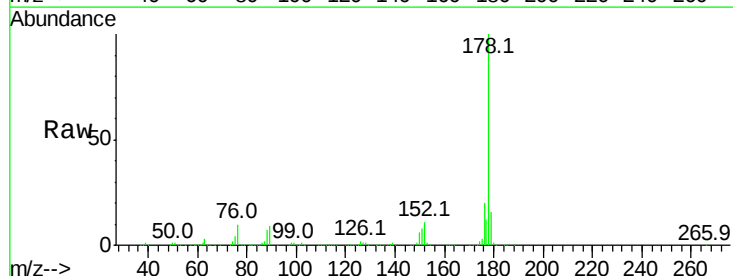
Instrument :
 BNA_F
 ClientSampleId :

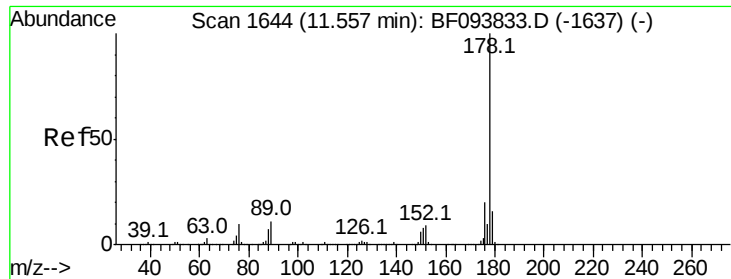
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.1	76.7
264	61.8	51.7	77.5



#70
 Phenanthrene
 Concen: 44.51 ng
 RT: 11.34 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.8	12.6	19.0





#71

Anthracene

Concen: 44.30 ng

RT: 11.40 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampleId :

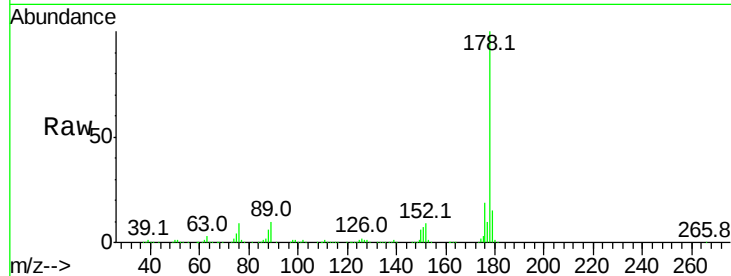
Tot Ion:178 Resp: 1302130

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

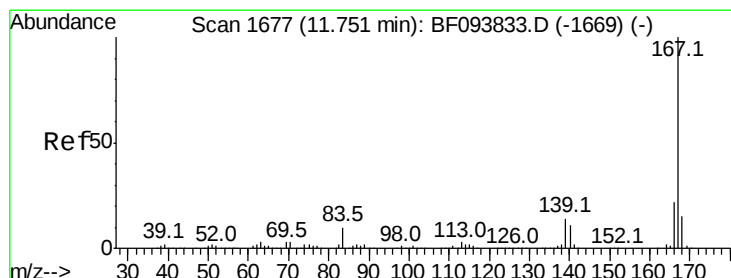
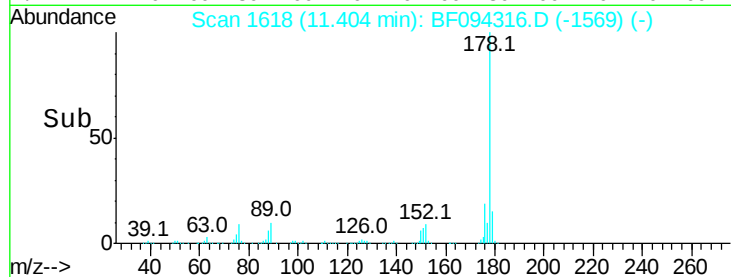
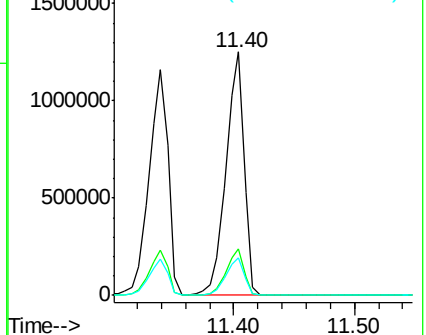
179 15.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.79 ng

RT: 11.61 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

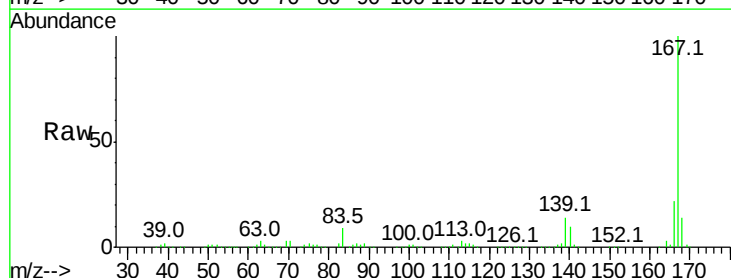
Tgt Ion:167 Resp: 1229340

Ion Ratio Lower Upper

167 100

166 22.4 18.1 27.1

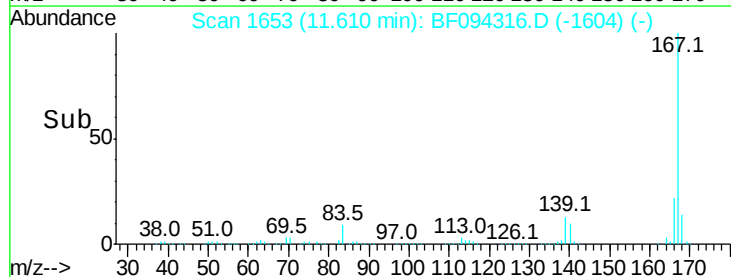
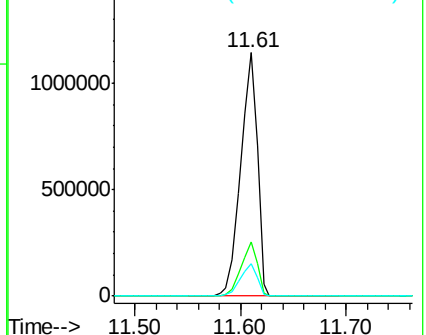
139 13.6 11.7 17.5

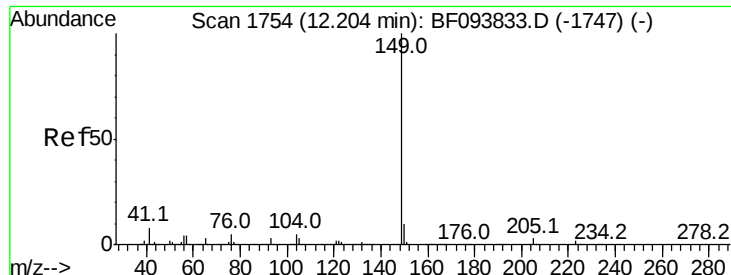


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

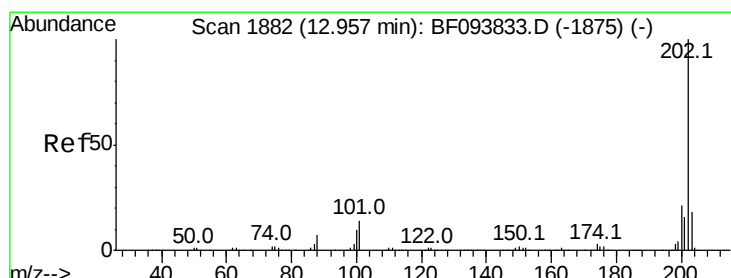
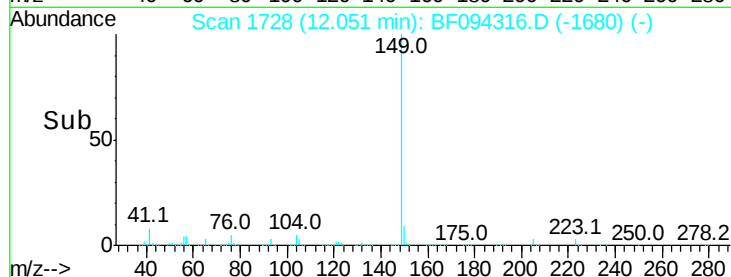
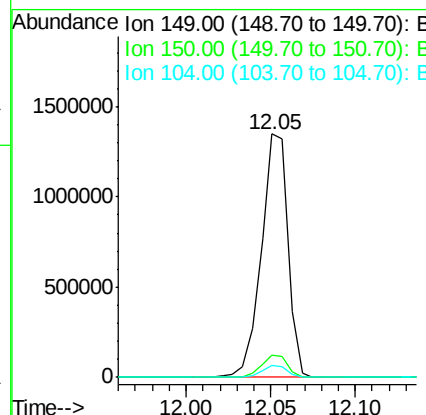
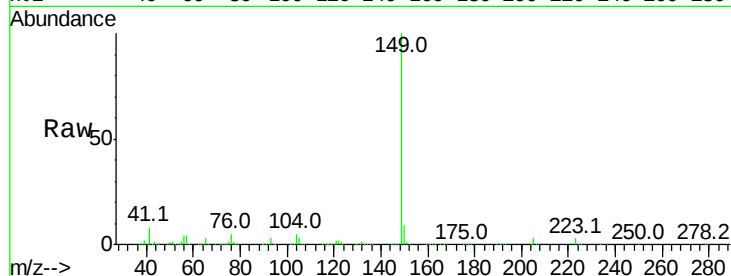




#73
Di-n-butylphthalate
Concen: 47.05 ng
RT: 12.05 min Scan# 1728
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

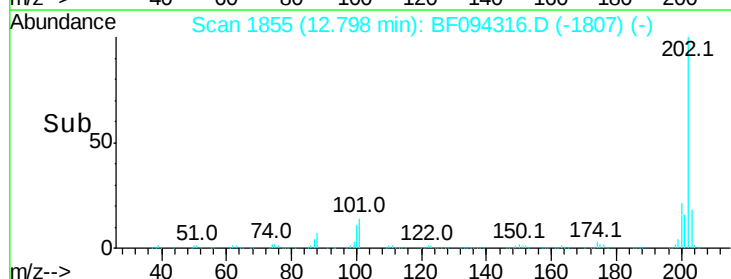
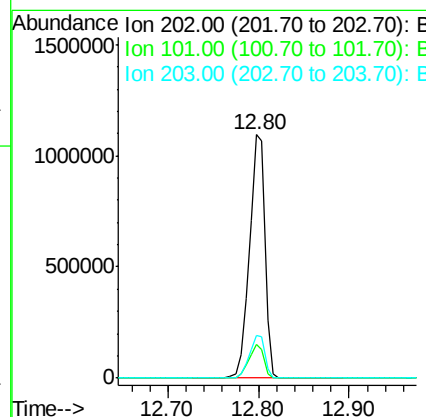
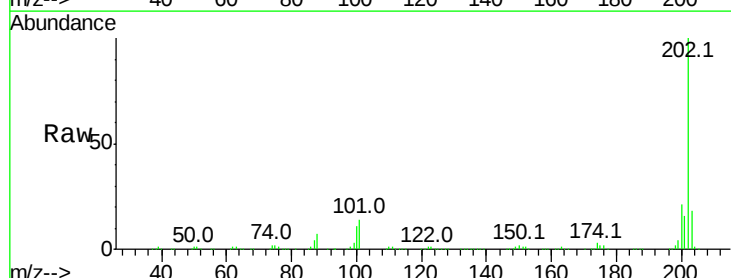
Instrument :
BNA_F
ClientSampleId :

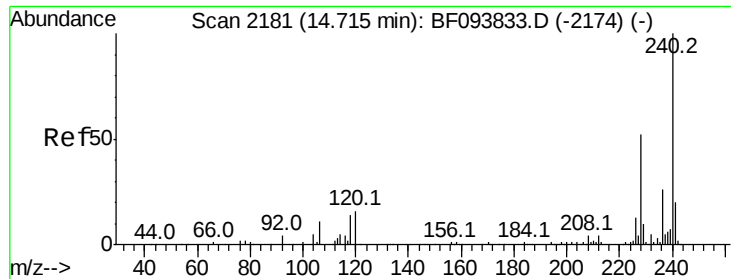
Tot Ion:149 Resp: 1474788
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.9 4.0 6.0



#74
Fluoranthene
Concen: 44.25 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.02 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion:202 Resp: 1293457
Ion Ratio Lower Upper
202 100
101 14.1 0.0 33.2
203 17.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampleId :

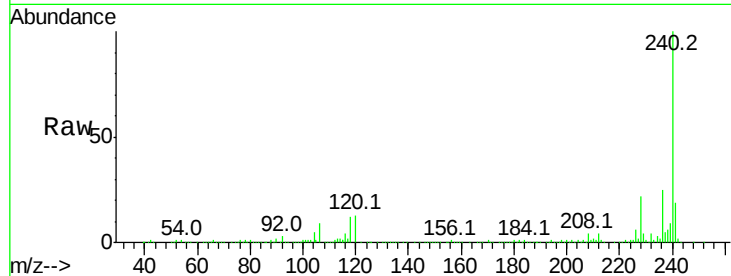
Tot Ion:240 Resp: 382441

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

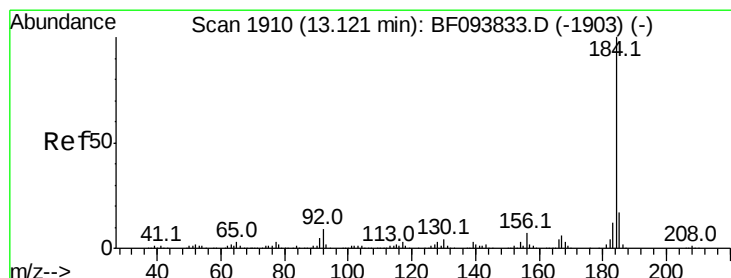
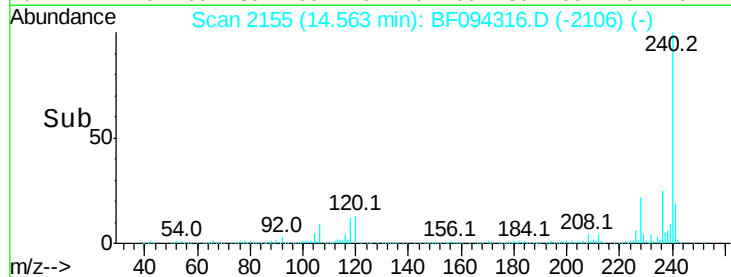
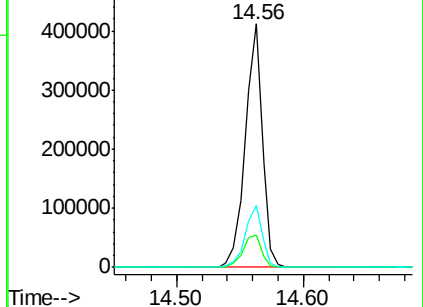
236 25.4 20.5 30.7



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: 24.07 ng

RT: 12.97 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

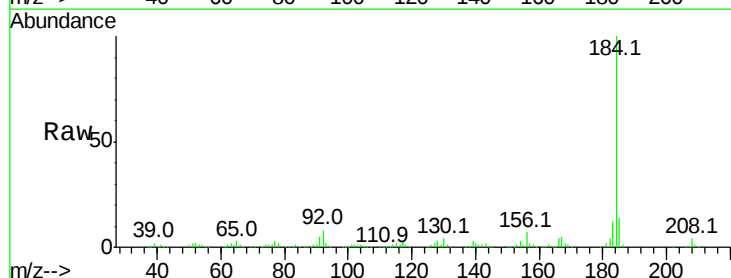
Tgt Ion:184 Resp: 364290

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

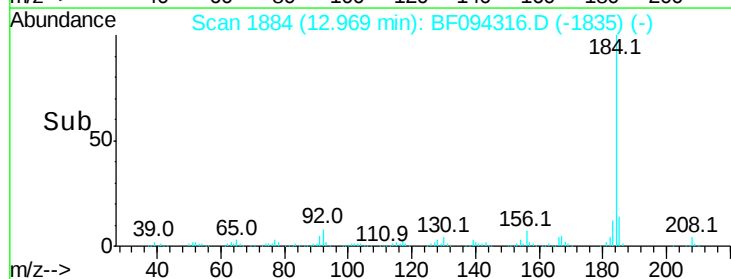
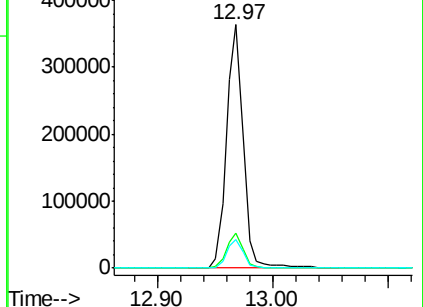
183 11.7 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

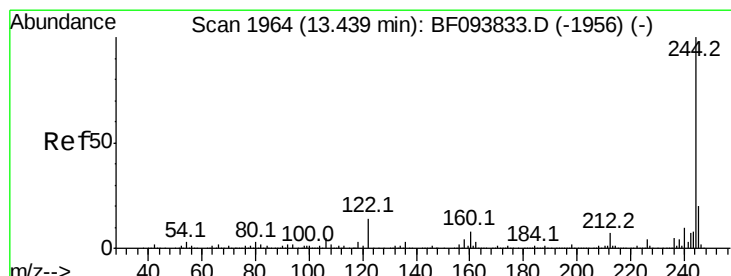
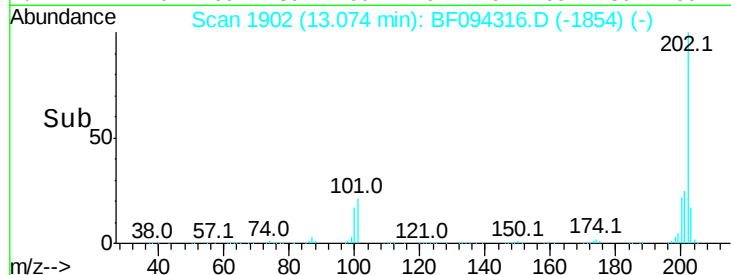
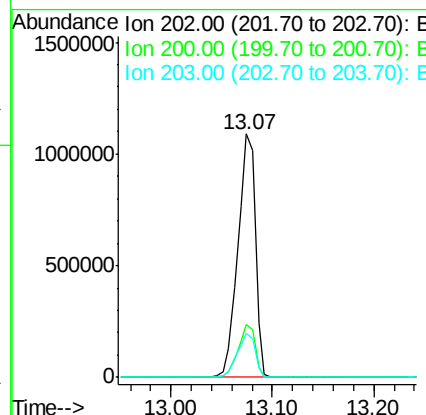
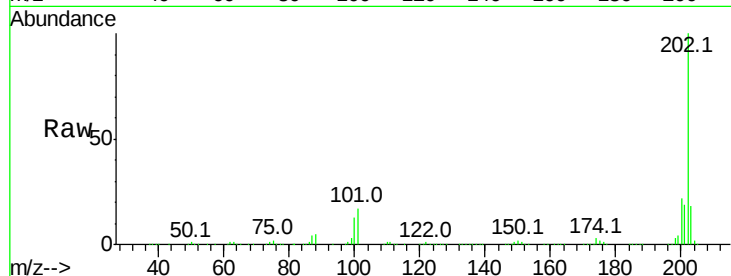




#77
 Pvrene
 Concen: 47.06 ng
 RT: 13.07 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

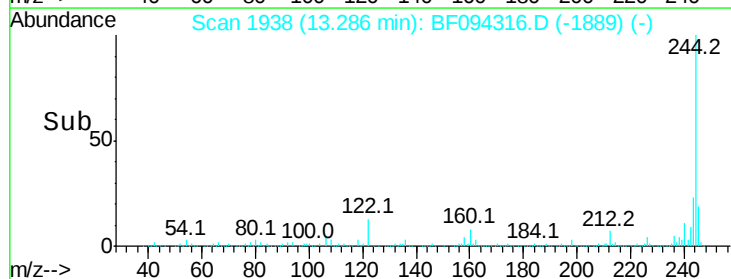
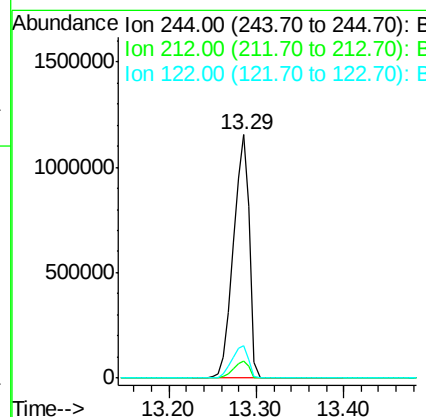
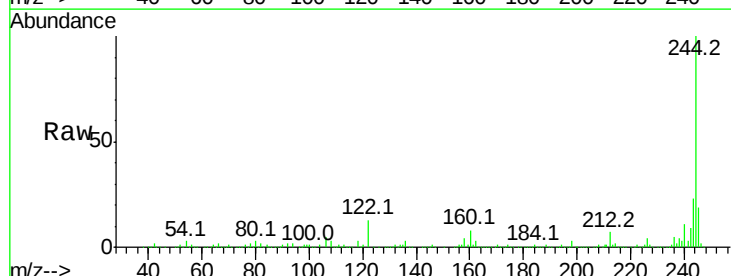
Instrument :
 BNA_F
 ClientSampled :

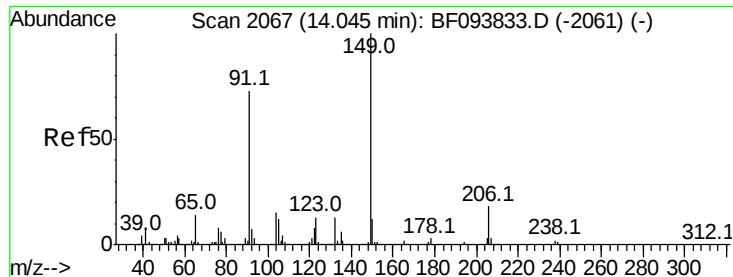
Tot Ion:202 Resp: 1306054
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.6 26.4
 203 18.0 14.4 21.6



#78
 Terphenyl-d14
 Concen: 84.86 ng
 RT: 13.29 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion:244 Resp: 1447882
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.3 10.3 15.5





#79

Butylbenzylphthalate

Concen: 52.47 ng

RT: 13.89 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampleId :

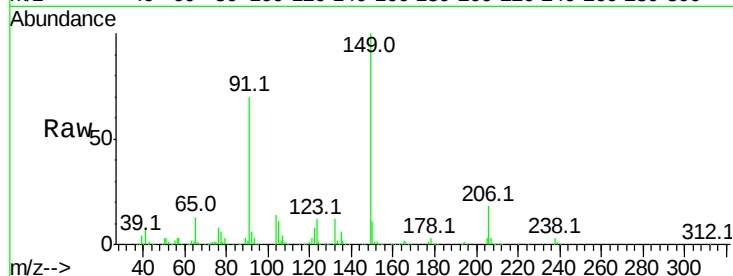
Tot Ion:149 Resp: 620555

Ion Ratio Lower Upper

149 100

91 70.1 45.0 67.4#

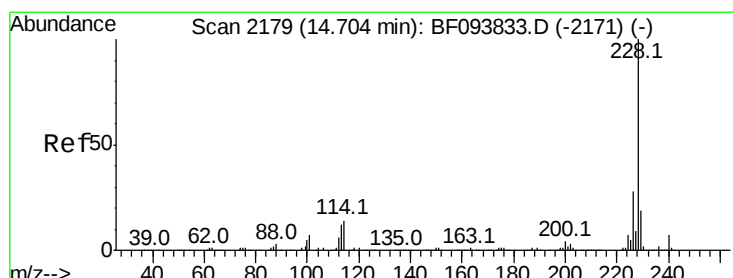
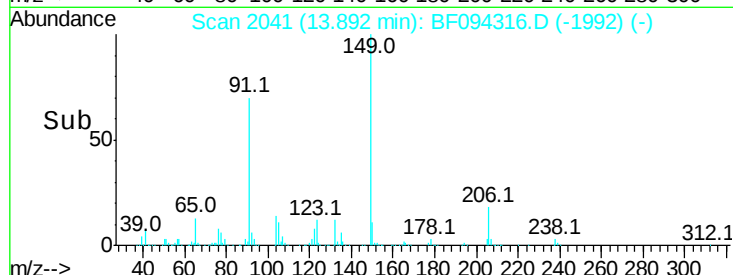
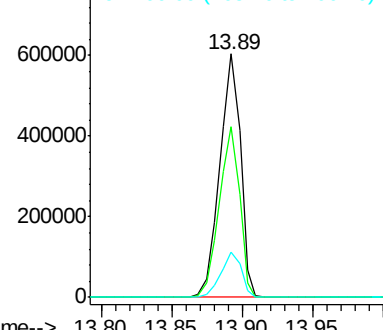
206 18.4 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.38 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

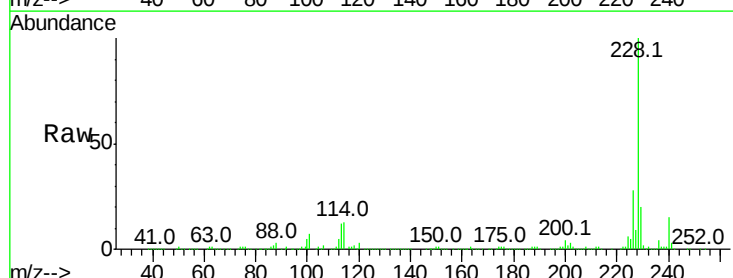
Tgt Ion:228 Resp: 1034355

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

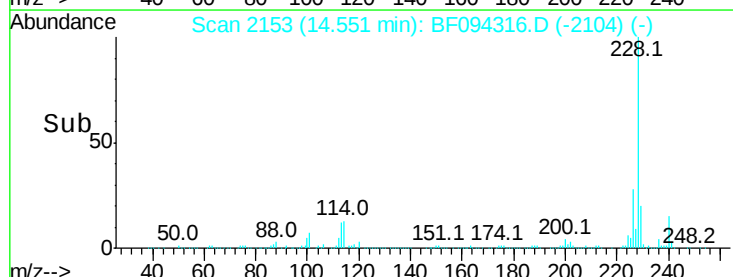
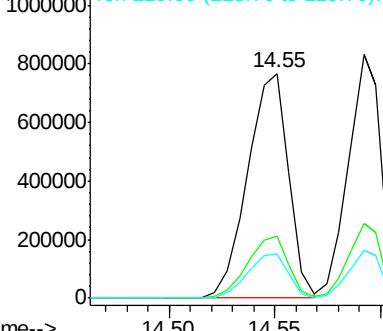
229 19.7 16.3 24.5

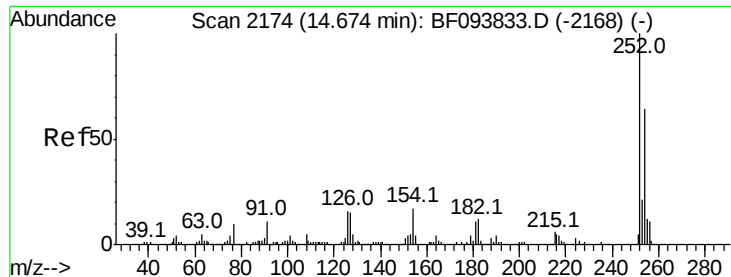


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

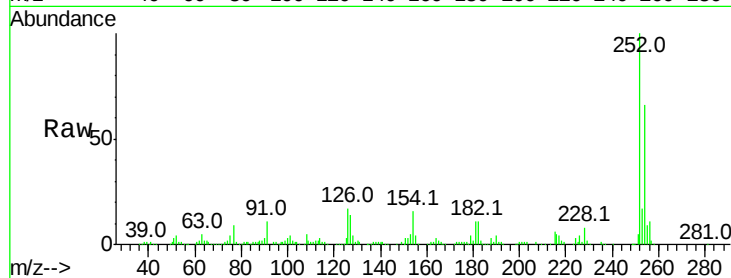




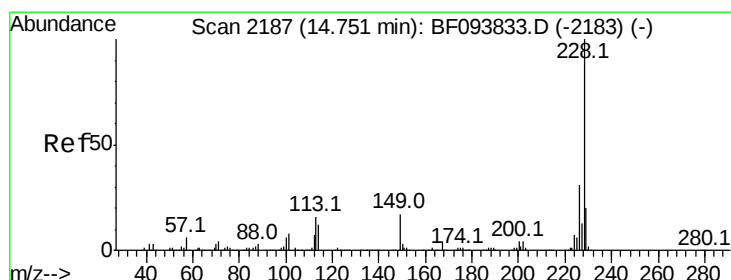
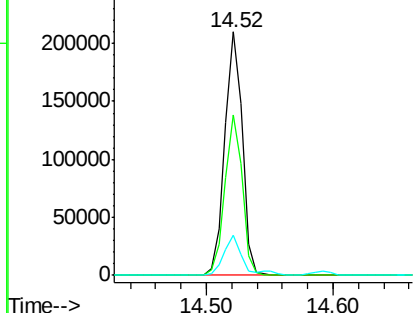
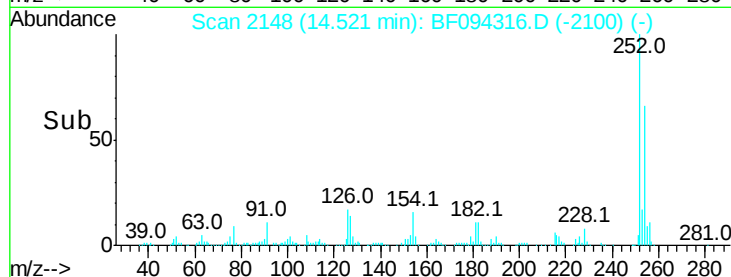
#81
 3,3'-Dichlorobenzidine
 Concen: 25.23 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.5	77.3
126	16.6	15.8	23.8

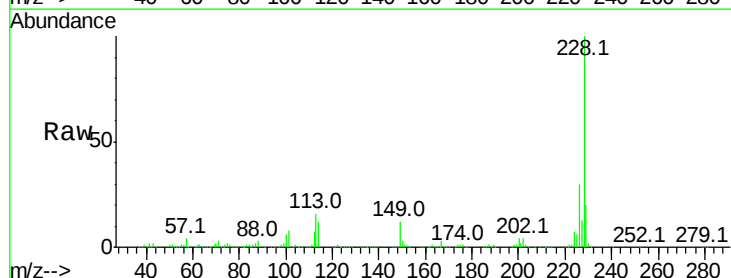


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

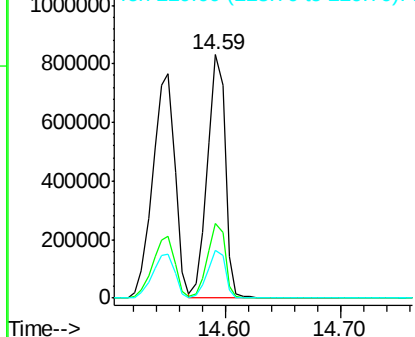
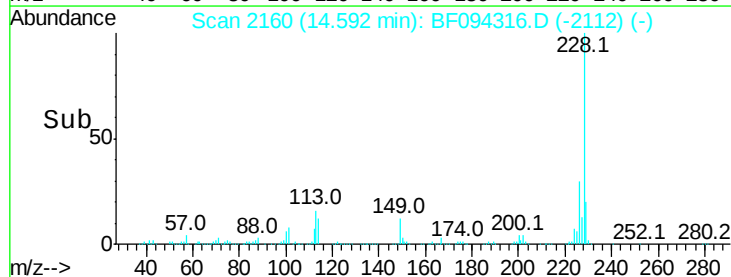


#82
 Chrysene
 Concen: 43.26 ng
 RT: 14.59 min Scan# 2160
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.8	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.44 ng

RT: 14.61 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampleId :

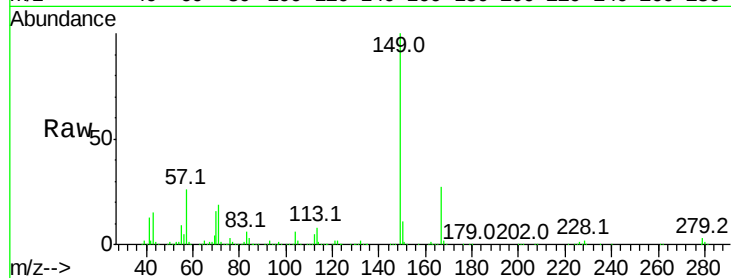
Tot Ion:149 Resp: 829978

Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

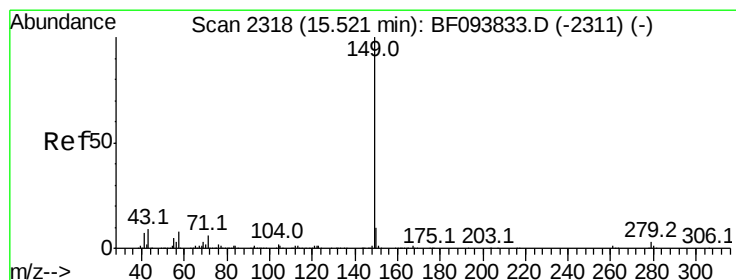
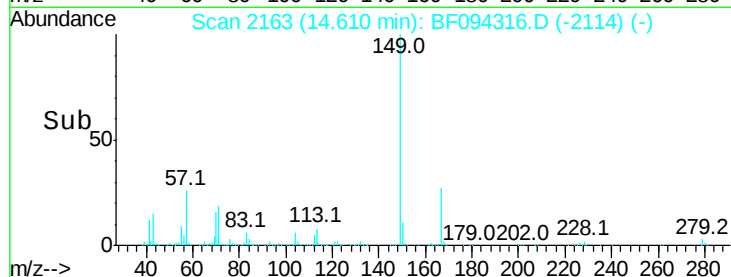
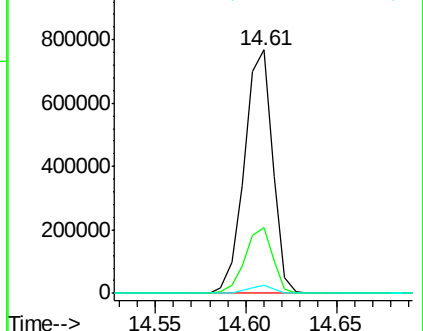
279 3.3 1.9 2.9#



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: 50.69 ng

RT: 15.36 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

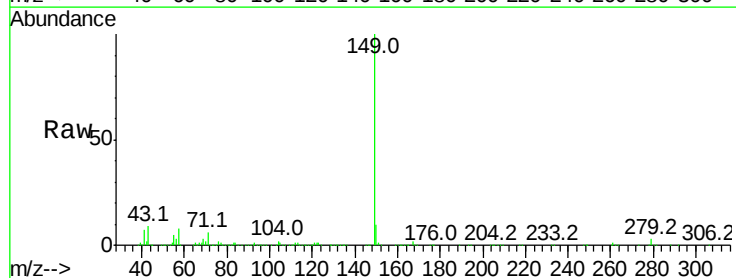
Tgt Ion:149 Resp: 1366247

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

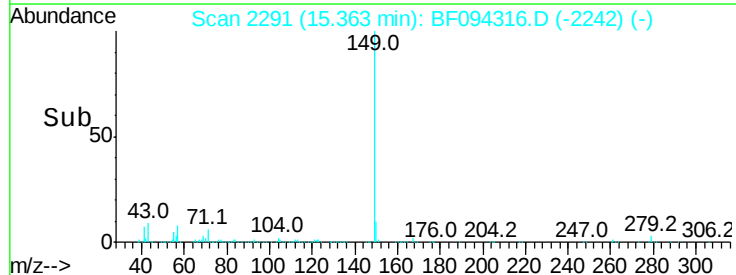
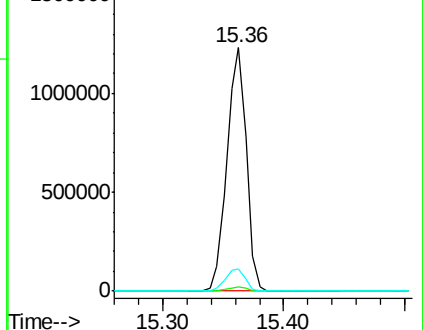
43 9.5 8.5 12.7

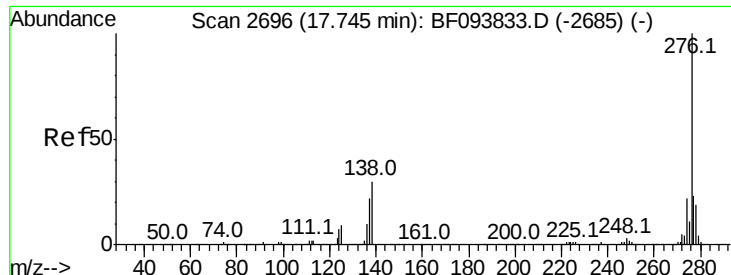


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

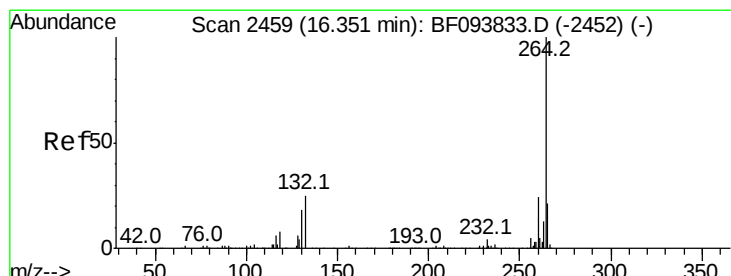
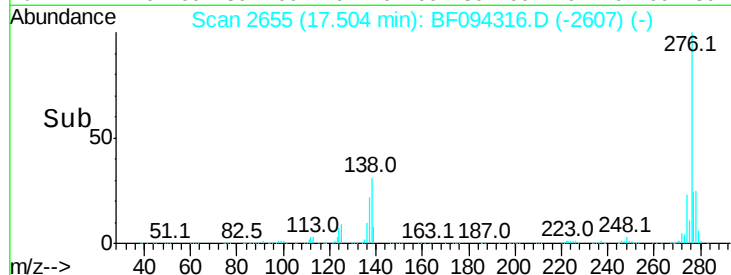
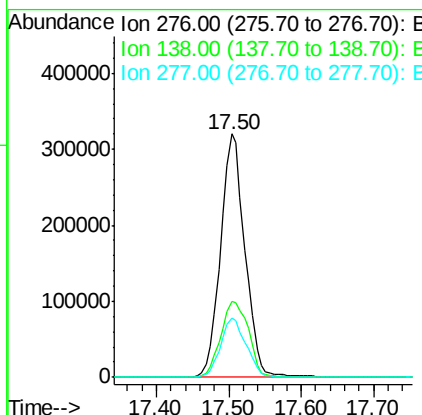
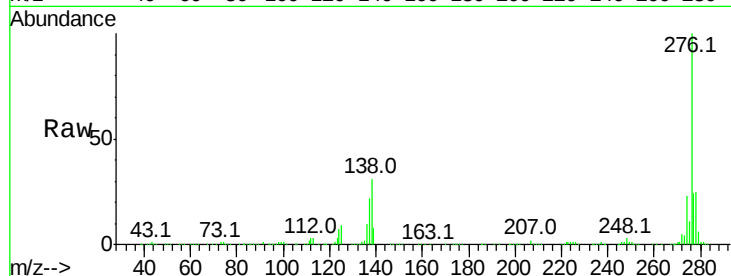




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.81 ng
 RT: 17.50 min Scan# 2655
 Delta R.T. -0.02 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

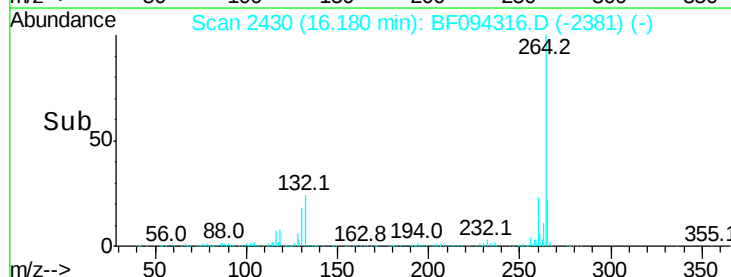
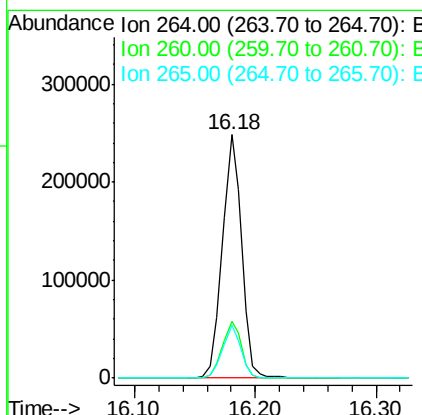
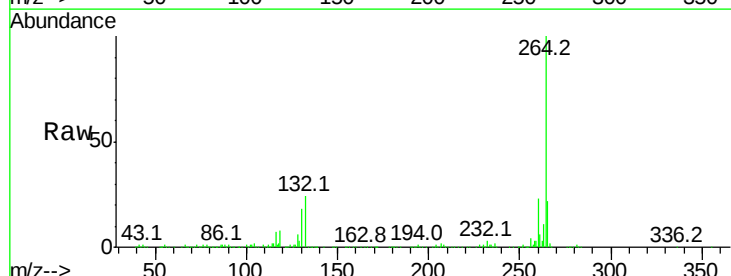
Instrument :
 BNA_F
 ClientSampleId :

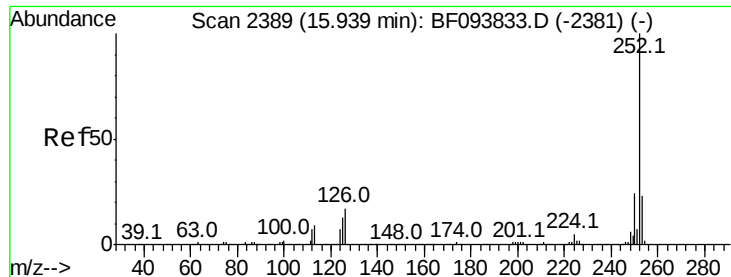
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.7	27.8	41.6
277	25.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 49.69 ng

RT: 15.78 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

Instrument :

BNA_F

ClientSampleId :

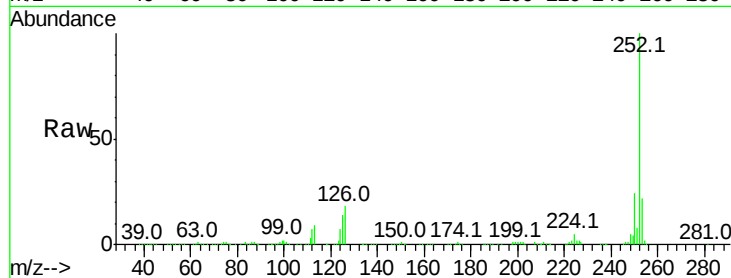
Tot Ion:252 Resp: 829370

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

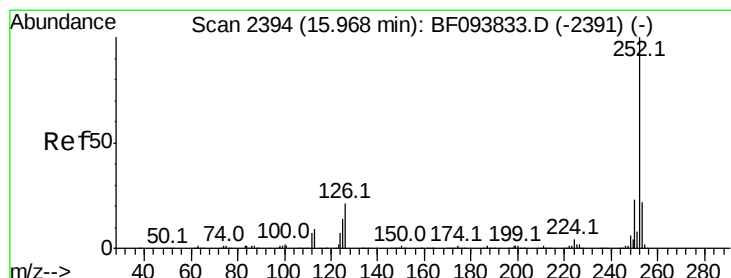
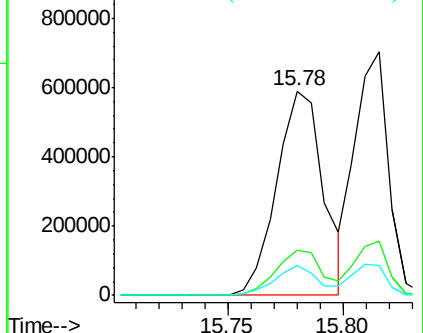
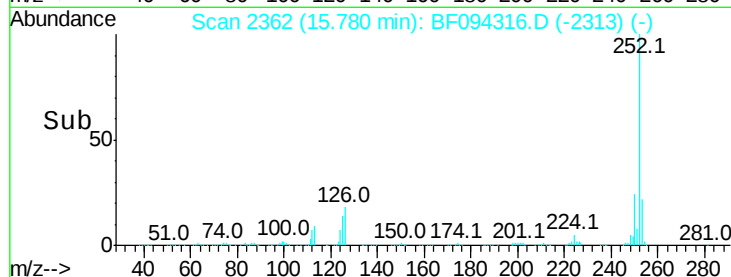
125 14.3 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 50.79 ng

RT: 15.78 min Scan# 2362

Delta R.T. -0.05 min

Lab File: BF094316.D

Acq: 10 Apr 2017 17:32

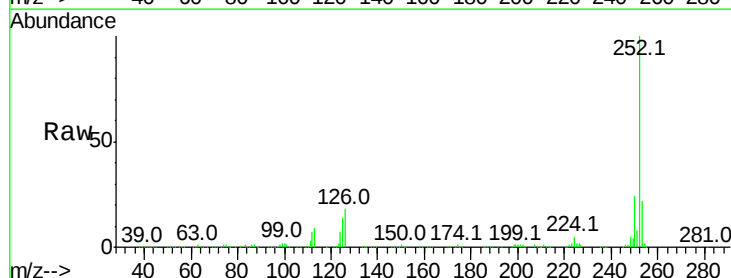
Tgt Ion:252 Resp: 829370

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

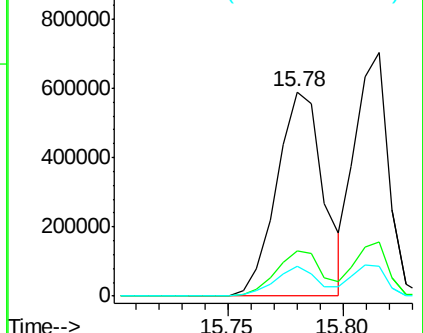
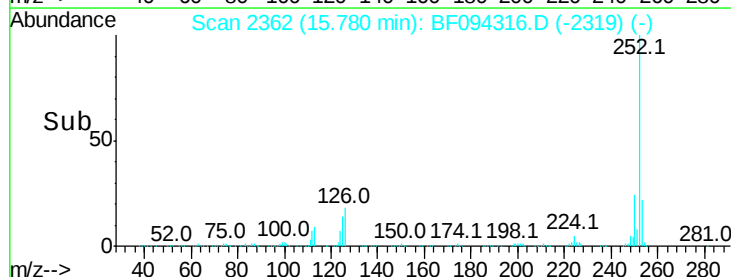
125 14.3 13.1 19.7

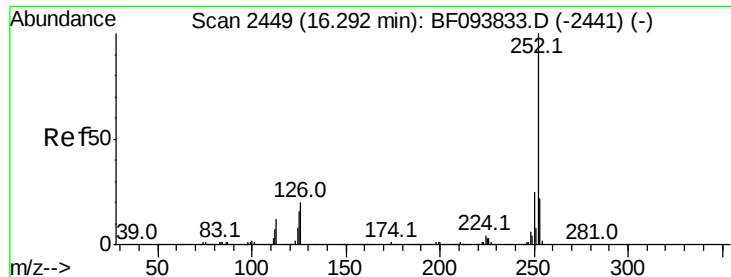


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

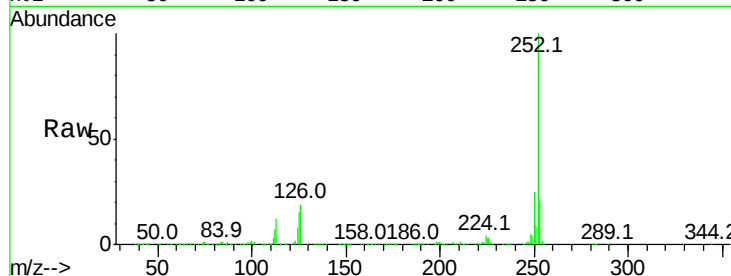




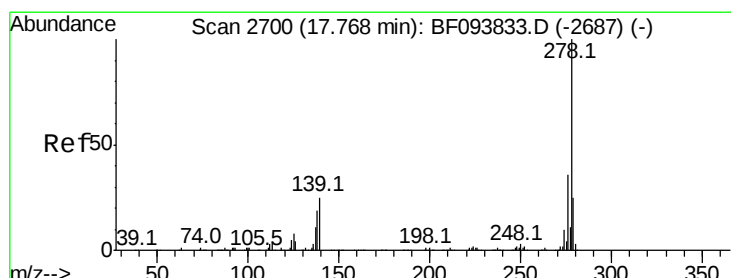
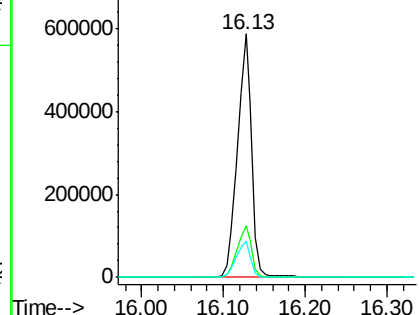
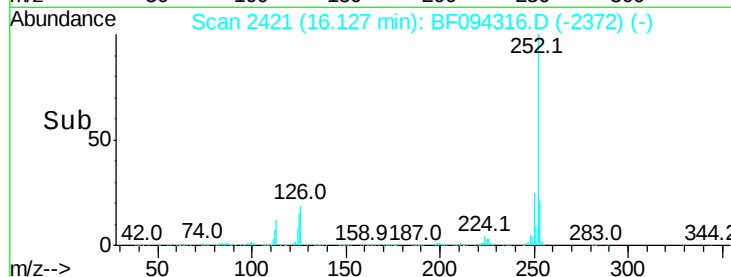
#89
Benzo(a)pyrene
Concen: 46.29 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 711504
Ion Ratio Lower Upper
252 100
253 21.3 17.5 26.3
125 14.6 11.0 16.4

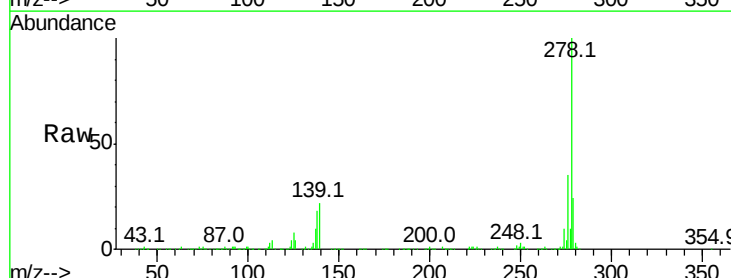


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

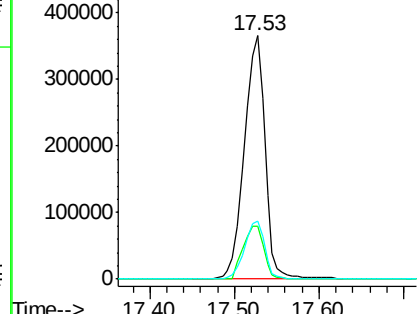
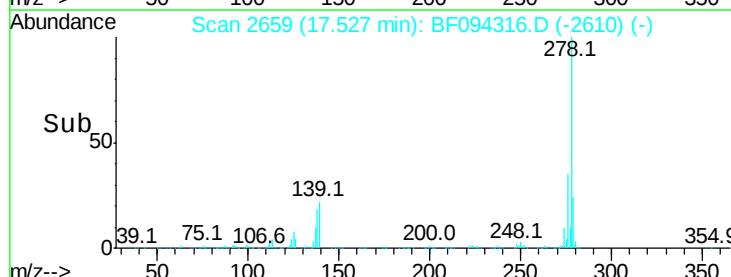


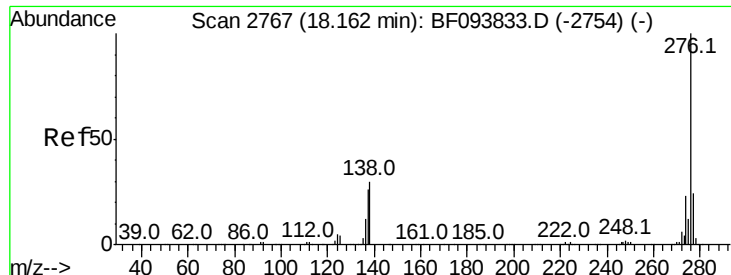
#90
Dibenzo(a,h)anthracene
Concen: 47.57 ng
RT: 17.53 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BF094316.D
Acq: 10 Apr 2017 17:32

Tgt Ion:278 Resp: 619232
Ion Ratio Lower Upper
278 100
139 21.9 16.6 24.8
279 24.0 19.3 28.9



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

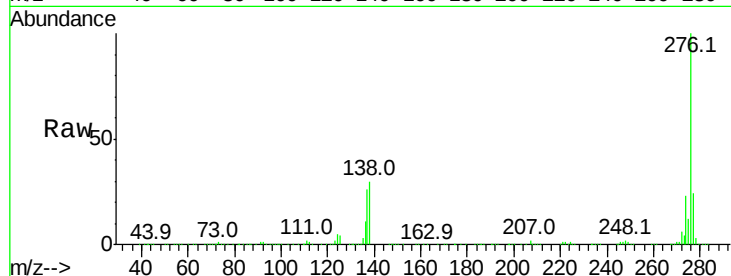




#91
 Benzo(a,h,i)perylene
 Concen: 49.22 ng
 RT: 17.90 min Scan# 2722
 Delta R.T. -0.01 min
 Lab File: BF094316.D
 Acq: 10 Apr 2017 17:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	29.8	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

