

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094353.D
 Acq On : 11 Apr 2017 16:25
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 00:48:37 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	5.83	152	154603	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	624526	20.00	ng	-0.03
38) Acenaphthene-d10	9.47	164	287221	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	499560	20.00	ng	-0.03
75) Chrysene-d12	14.55	240	409989	20.00	ng	-0.02
86) Perylene-d12	16.17	264	356683	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.38	112	709782	77.54	ng	-0.01
7) Phenol-d6	5.46	99	833936	73.65	ng	0.00
23) Nitrobenzene-d5	6.48	82	868910	79.40	ng	-0.03
41) 2,4,6-Tribromophenol	10.45	330	174710	76.98	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1511747	80.28	ng	-0.03
78) Terphenyl-d14	13.27	244	1456347	79.62	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.16	88	165658	37.67	ng	97
3) Pyridine	2.66	79	440762	36.78	ng	97
4) n-Nitrosodimethylamine	2.62	42	181707	36.85	ng	89
6) Aniline	5.45	93	561003	35.62	ng	94
8) 2-Chlorophenol	5.60	128	400220	39.78	ng	98
9) Benzaldehyde	5.32	77	257001	33.61	ng	100
10) Phenol	5.47	94	508105	39.43	ng	89
11) bis(2-Chloroethyl)ether	5.53	93	394994	39.22	ng	98
12) 1,3-Dichlorobenzene	5.76	146	453375	40.17	ng	98
13) 1,4-Dichlorobenzene	5.85	146	457557	40.03	ng	96
14) 1,2-Dichlorobenzene	6.02	146	419689	39.87	ng	97
15) Benzyl Alcohol	6.00	79	297949	35.95	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.15	45	539776	34.79	ng	# 35
17) 2-Methylphenol	6.16	107	327116	37.96	ng	# 90
18) Hexachloroethane	6.42	117	162326	40.40	ng	# 86
19) n-Nitroso-di-n-propylamine	6.32	70	290512	39.92	ng	99
20) 3+4-Methylphenols	6.34	107	456025	43.70	ng	# 63
22) Acetophenone	6.30	105	576909	41.45	ng	# 86
24) Nitrobenzene	6.50	77	420216	38.93	ng	94
25) Isophorone	6.79	82	741244	38.55	ng	96
26) 2-Nitrophenol	6.87	139	223525	43.43	ng	94
27) 2,4-Dimethylphenol	6.96	122	346904	39.11	ng	98
28) bis(2-Chloroethoxy)methane	7.05	93	493486	38.92	ng	99
29) 2,4-Dichlorophenol	7.19	162	330344	39.84	ng	98
30) 1,2,4-Trichlorobenzene	7.27	180	346757	40.60	ng	99
31) Naphthalene	7.36	128	1197880	39.89	ng	100
32) Benzoic acid	7.13	122	212375	35.97	ng	95
33) 4-Chloroaniline	7.43	127	480001	39.44	ng	# 92
34) Hexachlorobutadiene	7.51	225	176486	40.30	ng	97
35) Caprolactam	7.88	113	102700	38.84	ng	96
36) 4-Chloro-3-methylphenol	8.06	107	346490	39.99	ng	89
37) 2-Methylnaphthalene	8.20	142	802973	40.11	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.41	216	318406	40.52	ng	99
40) Hexachlorocyclopentadiene	8.39	237	140719	38.27	ng	99

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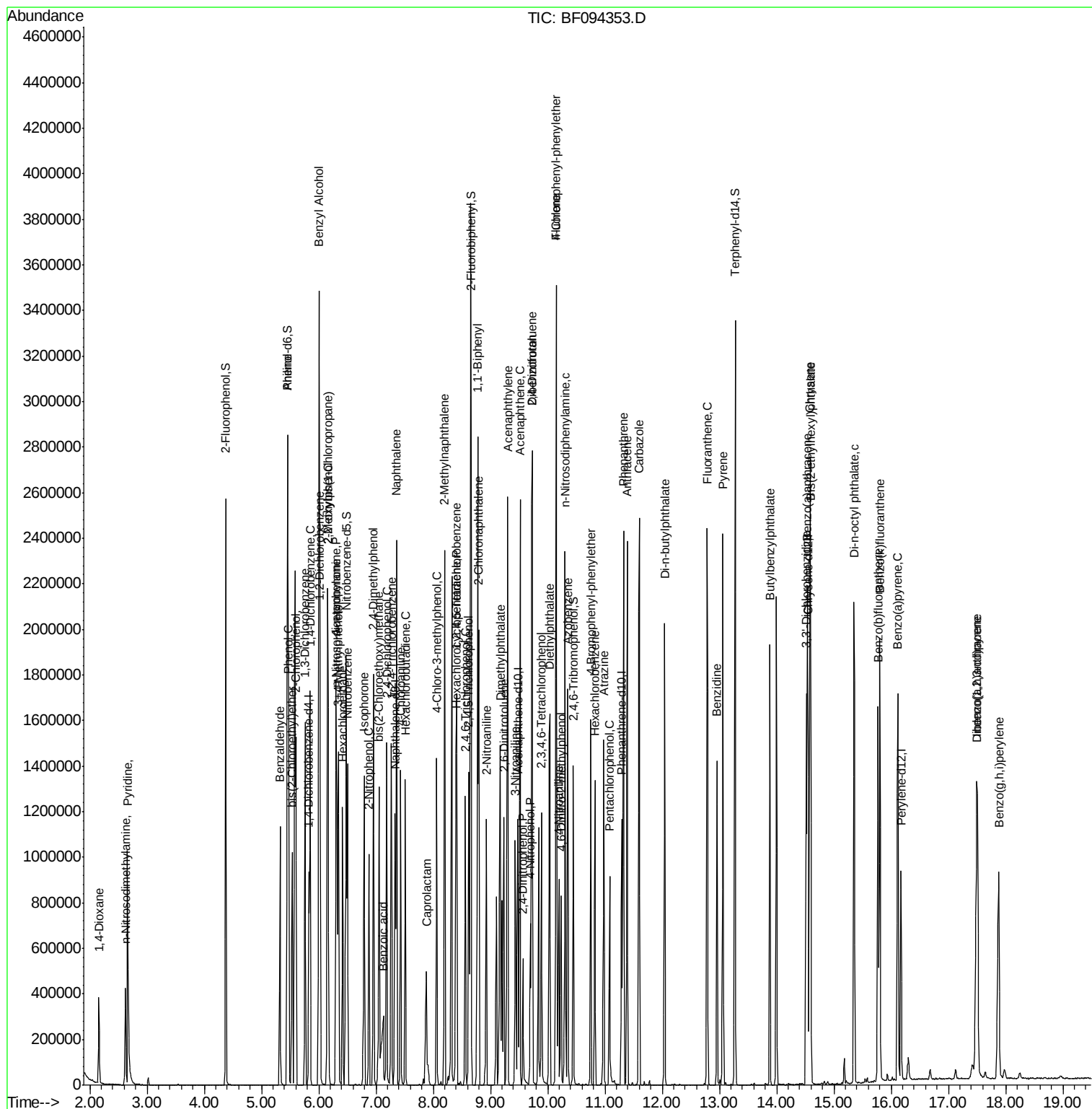
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.56	196	219786	39.54	nq	98
43) 2,4,5-Trichlorophenol	8.62	196	236121	39.25	nq	96
45) 1,1'-Biphenyl	8.77	154	908116	39.20	nq	97
46) 2-Chloronaphthalene	8.79	162	706526	38.96	nq	94
47) 2-Nitroaniline	8.93	65	214393	39.85	nq	# 84
48) Acenaphthylene	9.30	152	1162839	38.58	nq	99
49) Dimethylphthalate	9.17	163	817274	40.03	nq	98
50) 2,6-Dinitrotoluene	9.23	165	191372	40.89	nq	96
51) Acenaphthene	9.52	154	684006	38.89	nq	99
52) 3-Nitroaniline	9.44	138	218201	39.70	nq	87
53) 2,4-Dinitrophenol	9.57	184	92012	39.26	nq	# 66
54) Dibenzofuran	9.73	168	902739	37.71	nq	99
55) 4-Nitrophenol	9.70	139	162555	37.77	nq	# 81
56) 2,4-Dinitrotoluene	9.73	165	228853	38.93	nq	# 72
57) Fluorene	10.15	166	756870	38.12	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.89	232	159423	38.63	nq	97
59) Diethylphthalate	10.03	149	796133	39.45	nq	99
60) 4-Chlorophenyl-phenylether	10.15	204	325929	38.54	nq	93
61) 4-Nitroaniline	10.19	138	219539	41.63	nq	95
62) Azobenzene	10.35	77	718134	37.62	nq	95
64) 4,6-Dinitro-2-methylphenol	10.23	198	133652	43.69	nq	# 68
65) n-Nitrosodiphenylamine	10.30	169	677234	39.20	nq	98
66) 4-Bromophenyl-phenylether	10.75	248	196606	40.02	nq	96
67) Hexachlorobenzene	10.82	284	198023	39.81	nq	# 82
68) Atrazine	10.98	200	205479	39.71	nq	96
69) Pentachlorophenol	11.08	266	125520	40.55	nq	99
70) Phenanthrene	11.33	178	1092050	39.30	nq	99
71) Anthracene	11.39	178	1132332	39.57	nq	99
72) Carbazole	11.60	167	1142096	38.93	nq	98
73) Di-n-butylphthalate	12.04	149	1226867	40.21	nq	100
74) Fluoranthene	12.79	202	1132863	39.81	nq	99
76) Benzidine	12.96	184	584447	36.02	nq	97
77) Pyrene	13.06	202	1161734	39.04	nq	99
79) Butylbenzylphthalate	13.88	149	523017	41.25	nq	# 85
80) Benzo(a)anthracene	14.54	228	955673	39.97	nq	97
81) 3,3'-Dichlorobenzidine	14.52	252	346854	40.59	nq	# 96
82) Chrysene	14.58	228	888014	40.03	nq	99
83) Bis(2-ethylhexyl)phthalate	14.60	149	712474	41.19	nq	# 99
84) Di-n-octyl phthalate	15.35	149	1218229	42.16	nq	98
85) Indeno(1,2,3-cd)pyrene	17.49	276	794895	41.37	nq	99
87) Benzo(b)fluoranthene	15.77	252	883268	40.40	nq	98
88) Benzo(k)fluoranthene	15.80	252	810694	37.90	nq	# 96
89) Benzo(a)pyrene	16.12	252	795454	39.51	nq	98
90) Dibenzo(a,h)anthracene	17.51	278	673111	39.48	nq	97
91) Benzo(g,h,i)perylene	17.88	276	669978	38.99	nq	99

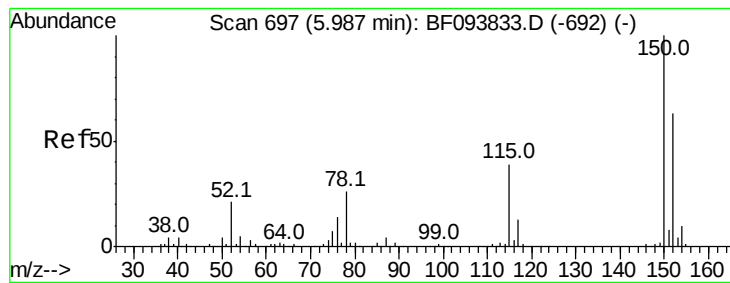
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF094353.D  
Acq On    : 11 Apr 2017  16:25  
Operator  : SJ/MA  
Sample    : SSTCCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.83 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampleId :

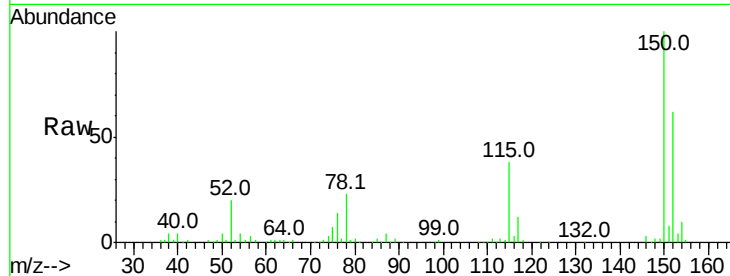
Tot Ion:152 Resp: 154603

Ion Ratio Lower Upper

152 100

150 160.4 126.2 189.2

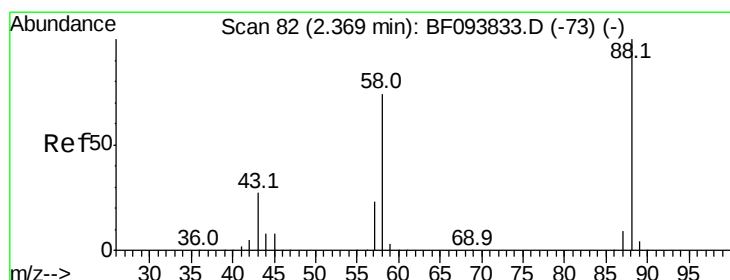
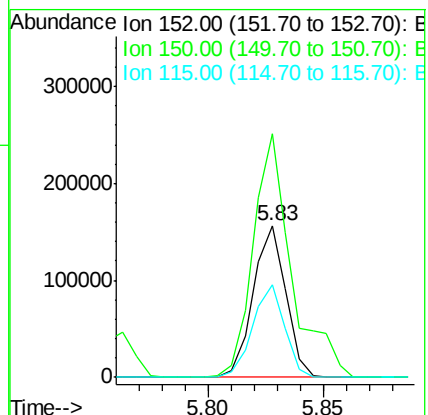
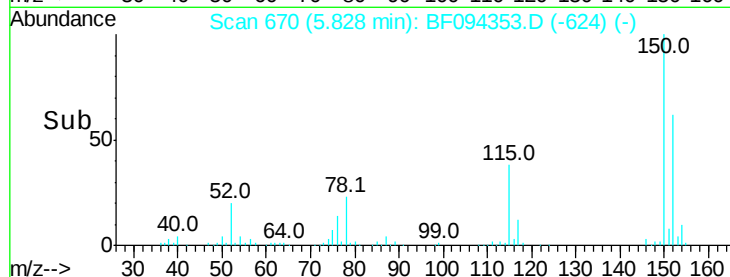
115 61.4 52.2 78.2



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: 37.67 ng

RT: 2.16 min Scan# 46

Delta R.T. -0.05 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

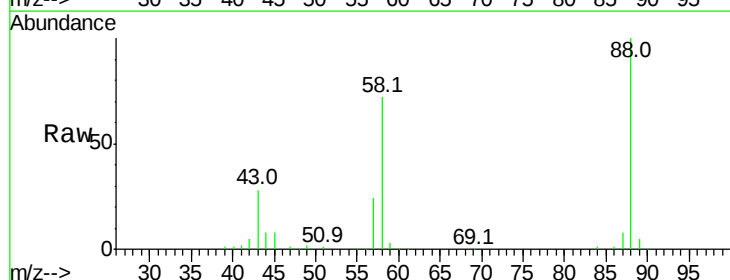
Tgt Ion: 88 Resp: 165658

Ion Ratio Lower Upper

88 100

58 73.5 61.4 92.0

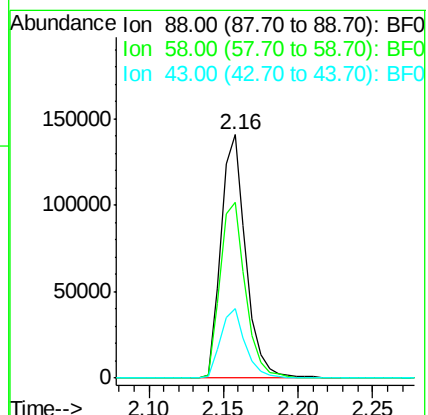
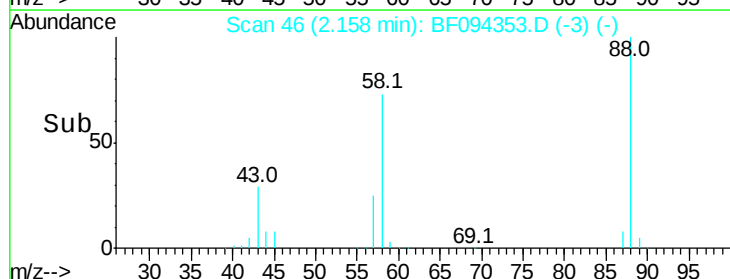
43 28.2 23.4 35.0

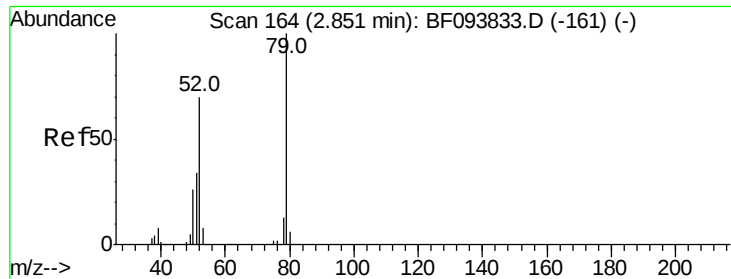


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

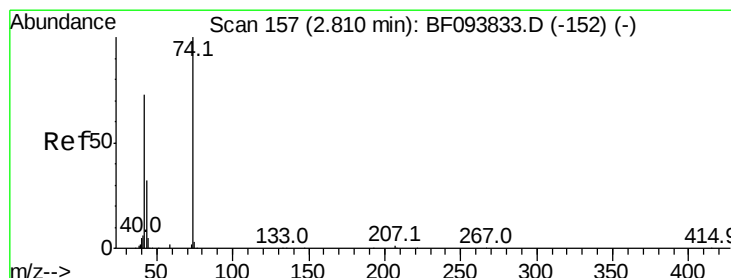
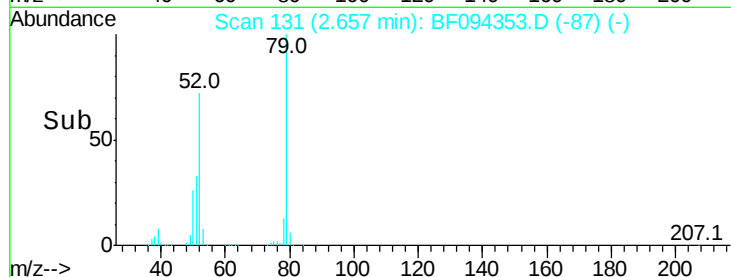
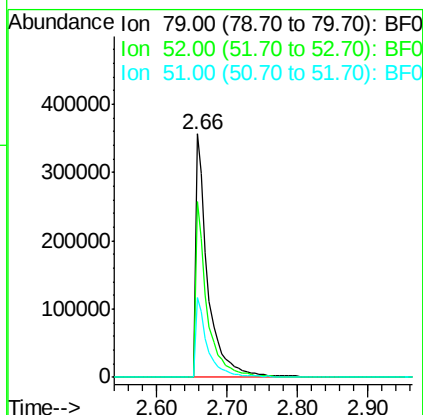
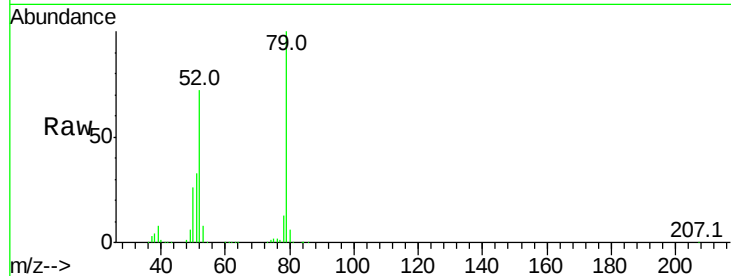




#3
 Pvridine
 Concen: 36.78 ng
 RT: 2.66 min Scan# 131
 Delta R.T. -0.04 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

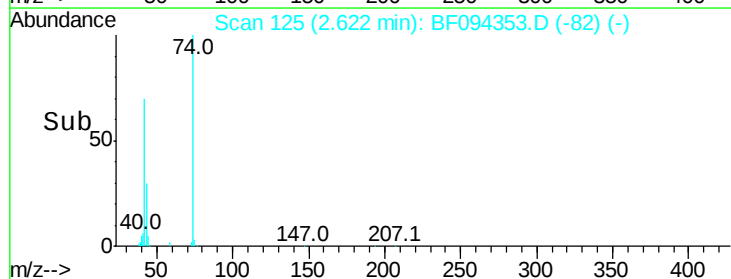
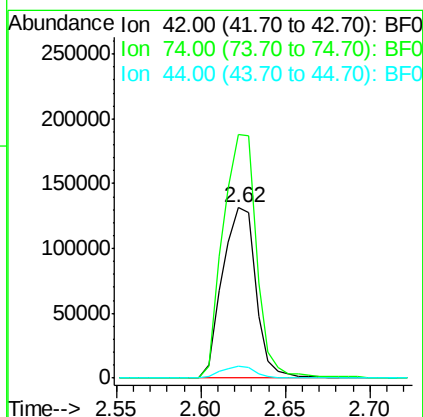
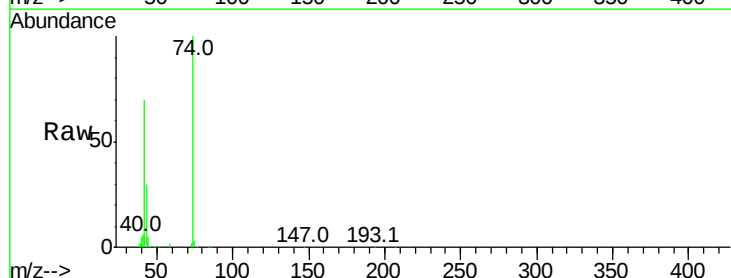
Instrument :
 BNA_F
 ClientSampled :

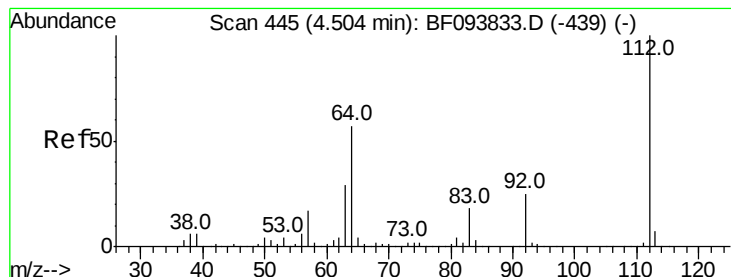
Tot Ion: 79 Resp: 440762
 Ion Ratio Lower Upper
 79 100
 52 72.0 54.8 82.2
 51 33.0 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 36.85 ng
 RT: 2.62 min Scan# 125
 Delta R.T. -0.05 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Tgt Ion: 42 Resp: 181707
 Ion Ratio Lower Upper
 42 100
 74 143.2 103.9 155.9
 44 7.0 5.7 8.5





#5

2-Fluorophenol

Concen: 77.54 ng

RT: 4.38 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampled :

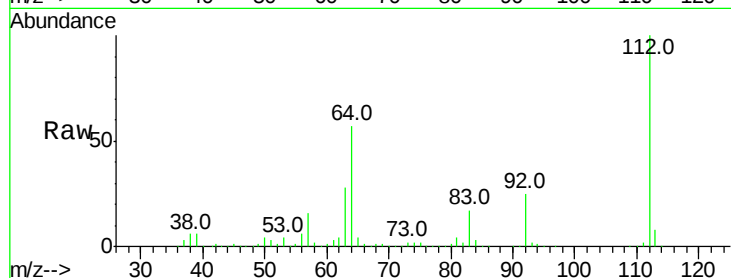
Tot Ion:112 Resp: 709782

Ion Ratio Lower Upper

112 100

64 56.7 46.0 69.0

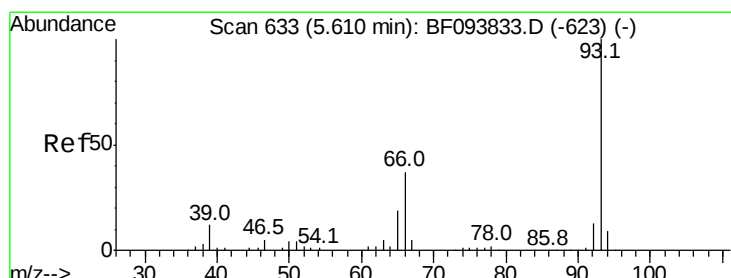
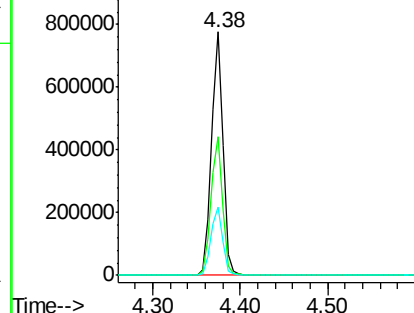
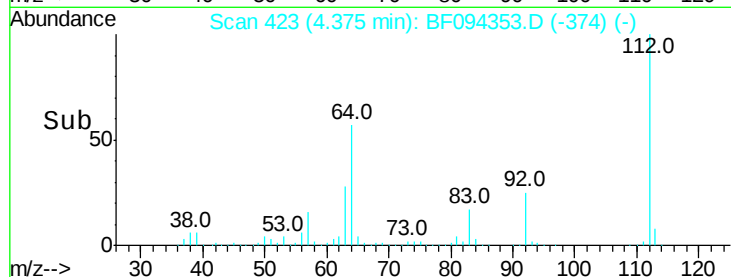
63 28.1 23.4 35.0



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: 35.62 ng

RT: 5.45 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

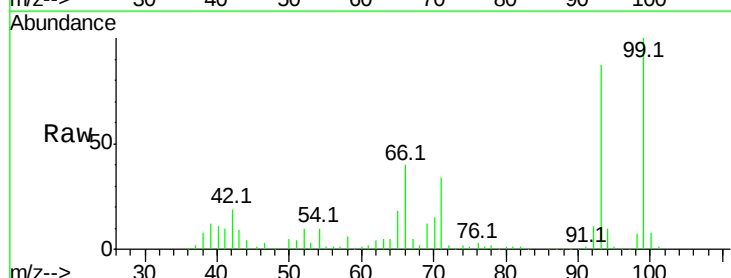
Tgt Ion: 93 Resp: 561003

Ion Ratio Lower Upper

93 100

66 45.5 32.9 49.3

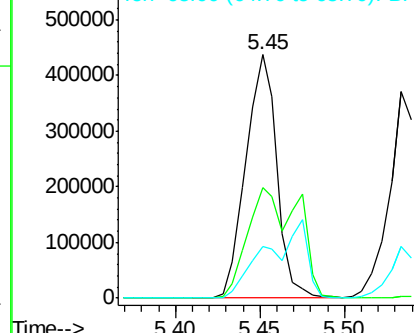
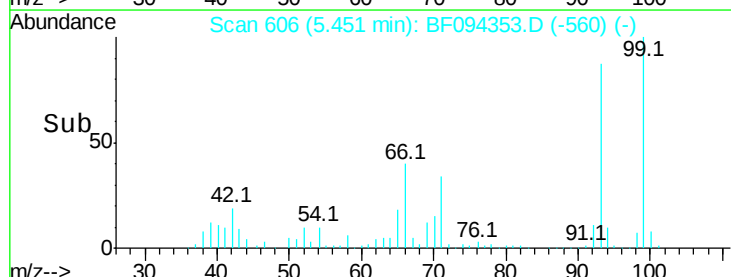
65 21.1 16.0 24.0

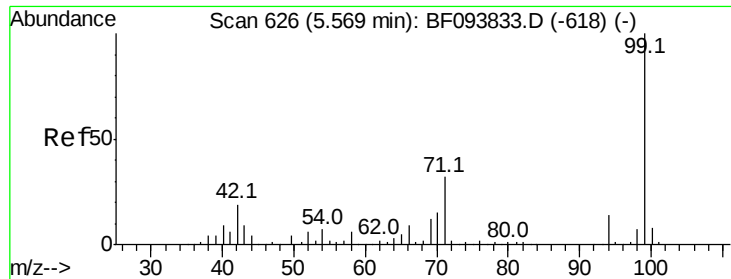


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 73.65 ng

RT: 5.46 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampleId :

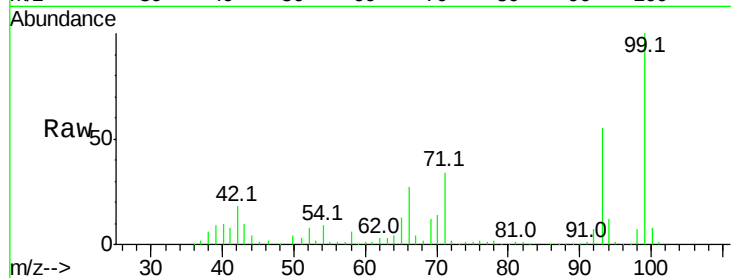
Tot Ion: 99 Resp: 833936

Ion Ratio Lower Upper

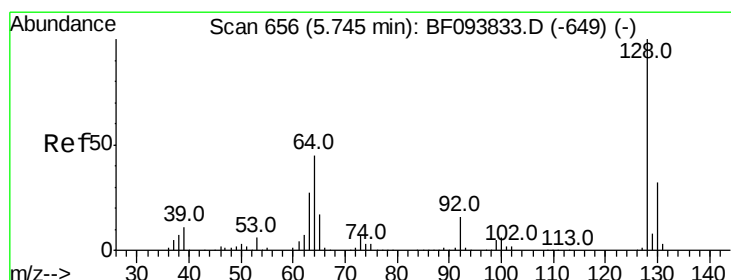
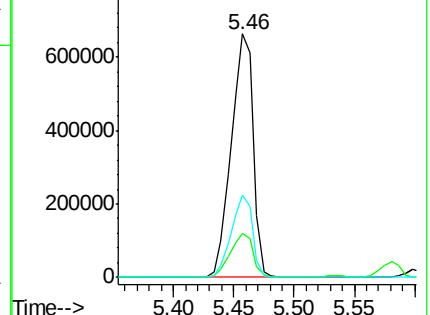
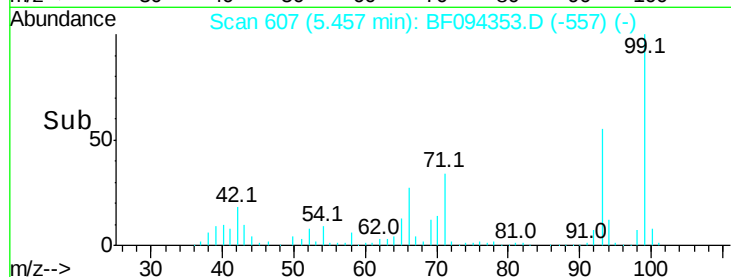
99 100

42 18.3 13.5 20.3

71 33.7 24.5 36.7



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



#8

2-Chlorophenol

Concen: 39.78 ng

RT: 5.60 min Scan# 631

Delta R.T. -0.02 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

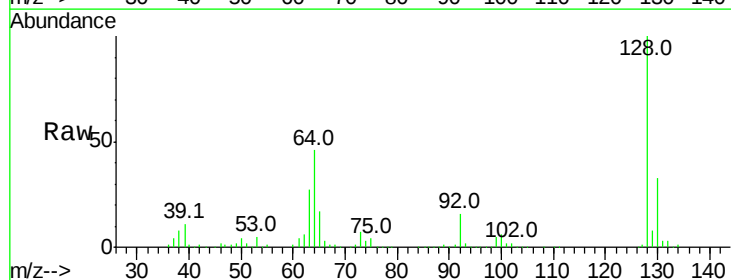
Tgt Ion: 128 Resp: 400220

Ion Ratio Lower Upper

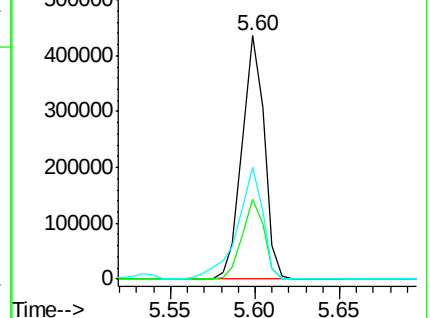
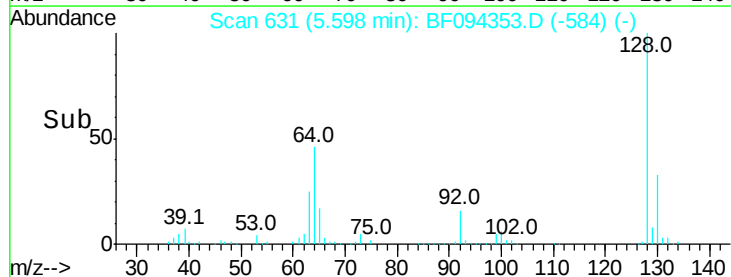
128 100

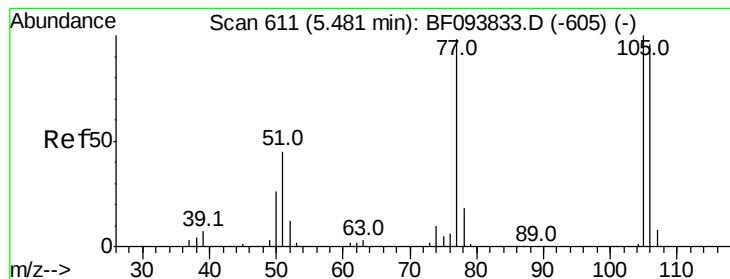
130 32.5 12.9 52.9

64 46.0 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: 33.61 ng

RT: 5.32 min Scan# 584

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampled :

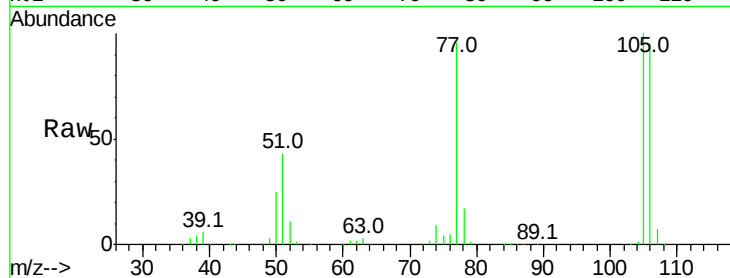
Tot Ion: 77 Resp: 257001

Ion Ratio Lower Upper

77 100

105 104.3 83.8 123.8

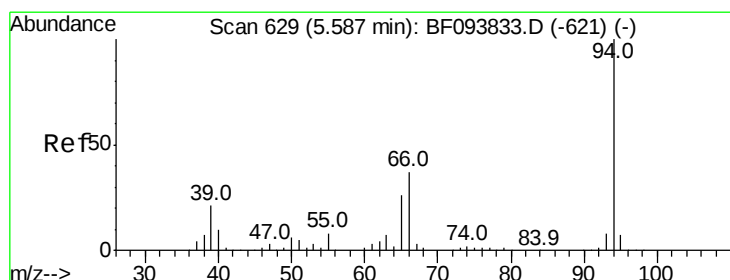
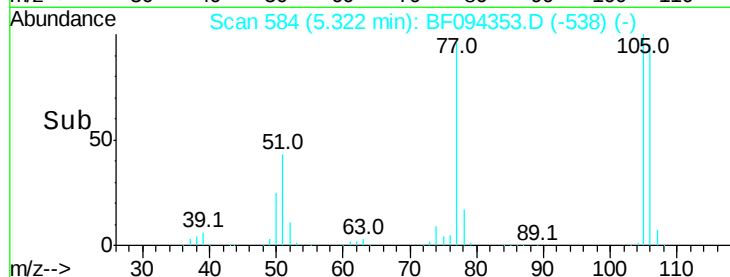
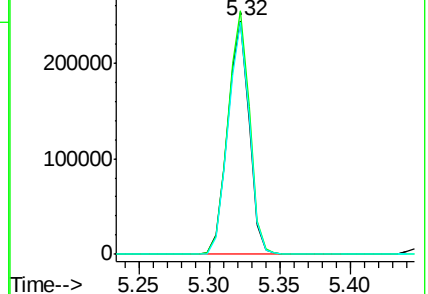
106 99.4 79.1 119.1



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: 39.43 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

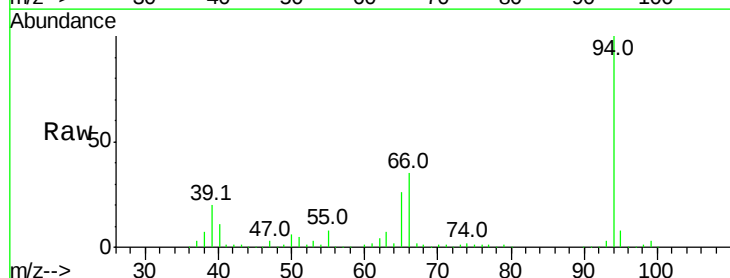
Tgt Ion: 94 Resp: 508105

Ion Ratio Lower Upper

94 100

65 26.2 9.9 49.9

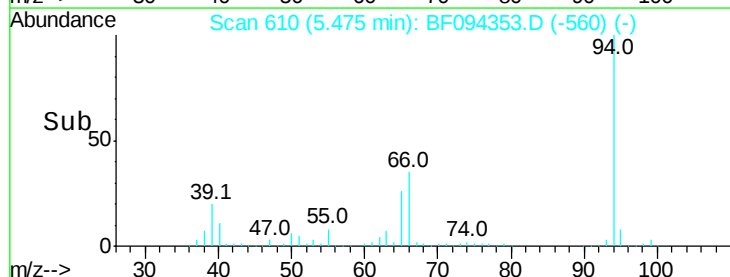
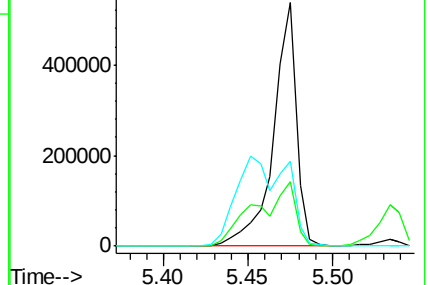
66 34.6 23.1 63.1



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: 39.22 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampleId :

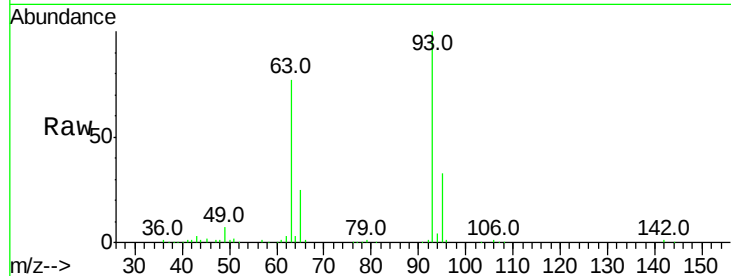
Tot Ion: 93 Resp: 394994

Ion Ratio Lower Upper

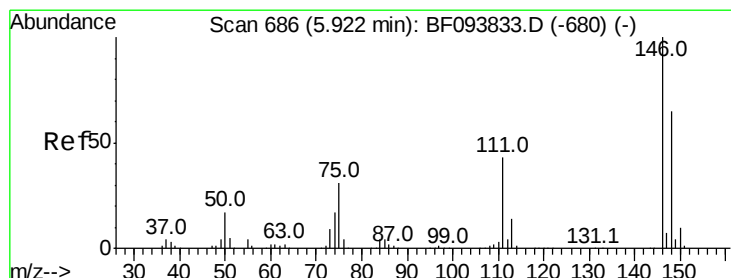
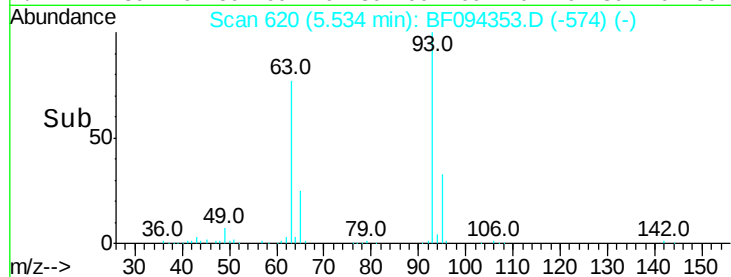
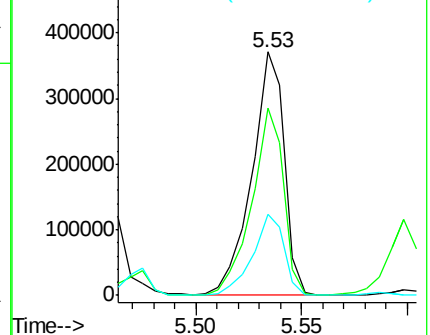
93 100

63 77.1 59.2 99.2

95 33.0 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: 40.17 ng

RT: 5.76 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

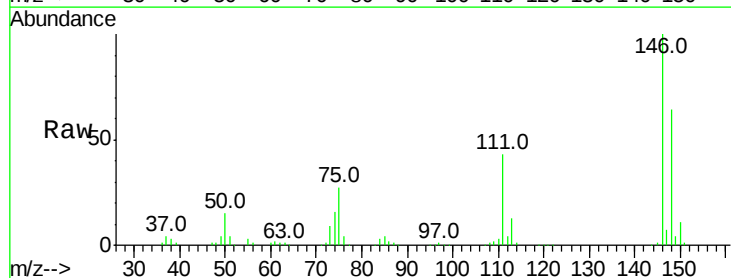
Tgt Ion: 146 Resp: 453375

Ion Ratio Lower Upper

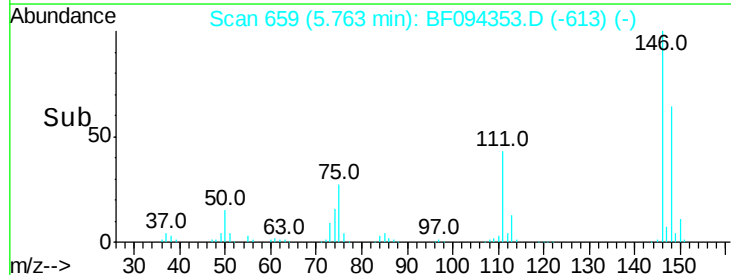
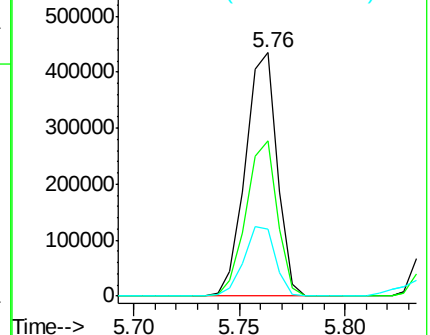
146 100

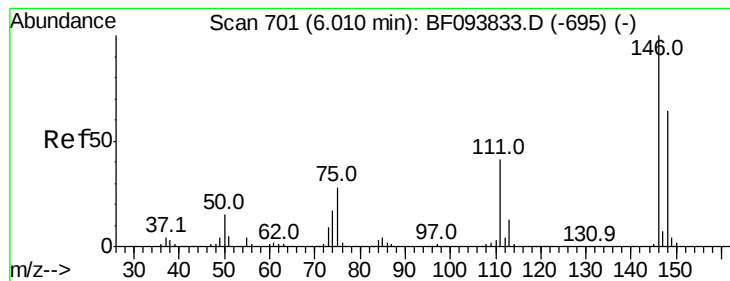
148 63.6 51.8 77.6

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: 40.03 ng

RT: 5.85 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampleId :

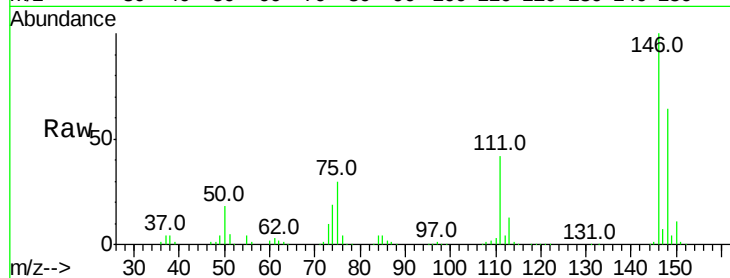
Tot Ion:146 Resp: 457557

Ion Ratio Lower Upper

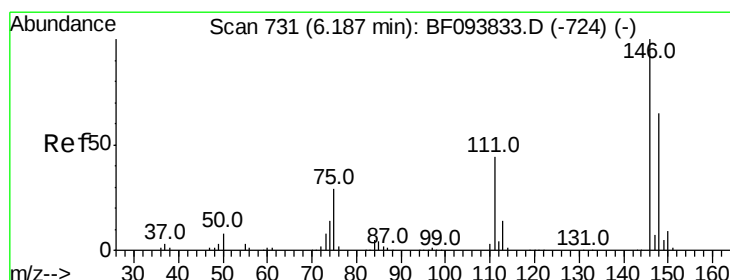
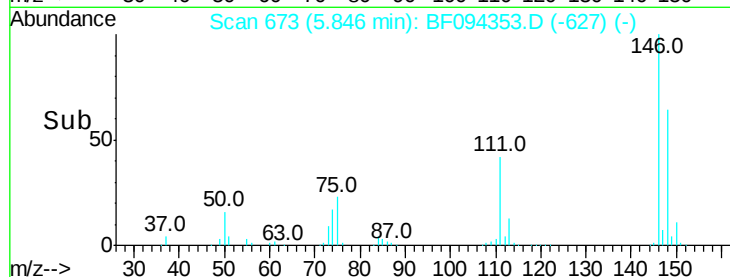
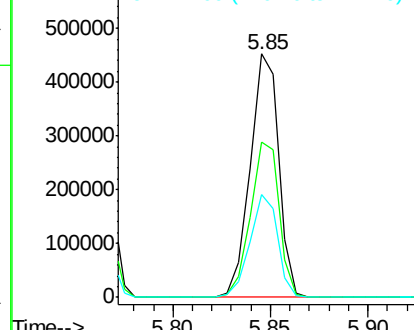
146 100

148 63.6 52.2 78.2

111 42.2 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 39.87 ng

RT: 6.02 min Scan# 703

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

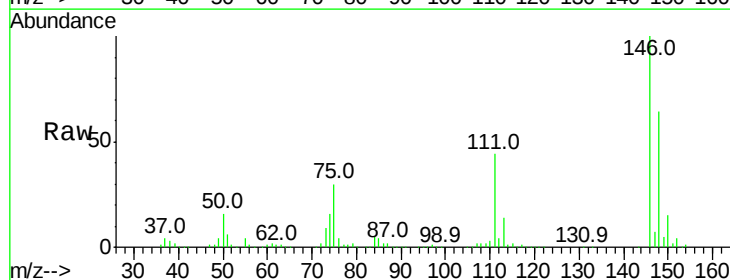
Tgt Ion:146 Resp: 419689

Ion Ratio Lower Upper

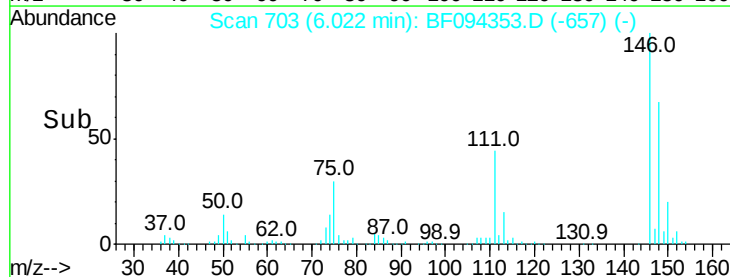
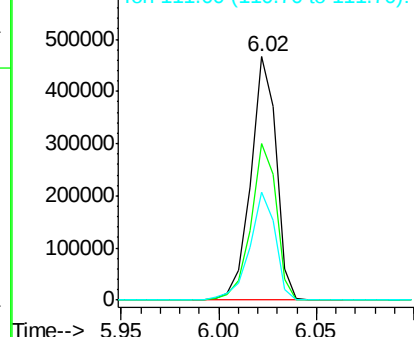
146 100

148 64.1 50.4 75.6

111 44.1 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 35.95 ng

RT: 6.00 min Scan# 700

Delta R.T. -0.02 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampleId :

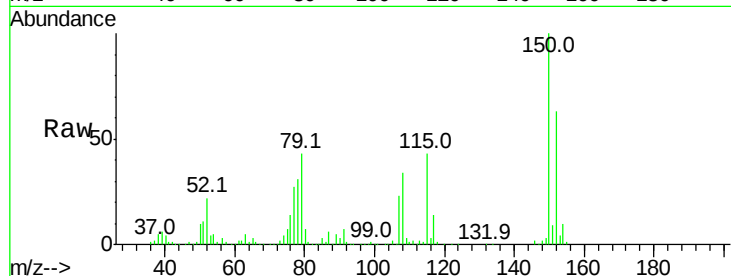
Tot Ion: 79 Resp: 297949

Ion Ratio Lower Upper

79 100

108 80.4 63.4 95.0

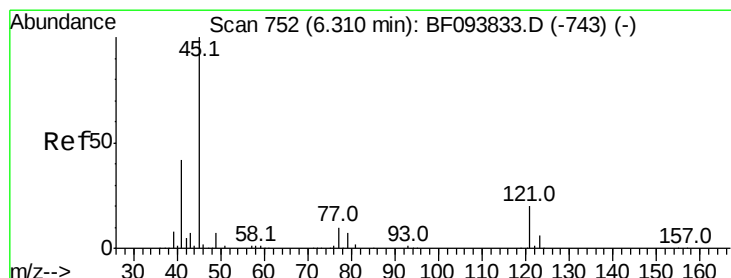
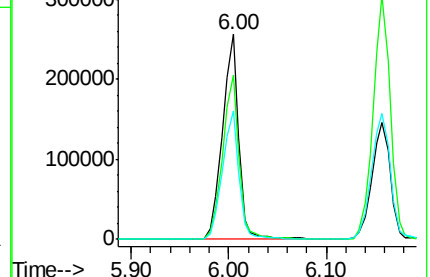
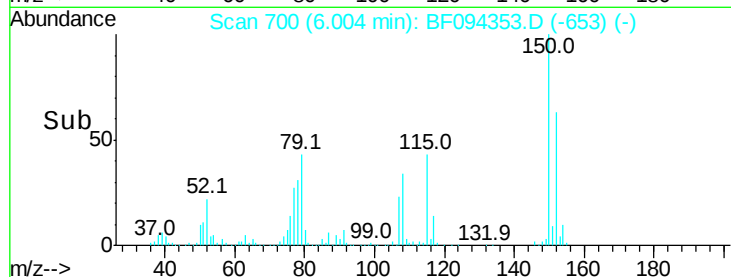
77 62.5 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.79 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.04 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

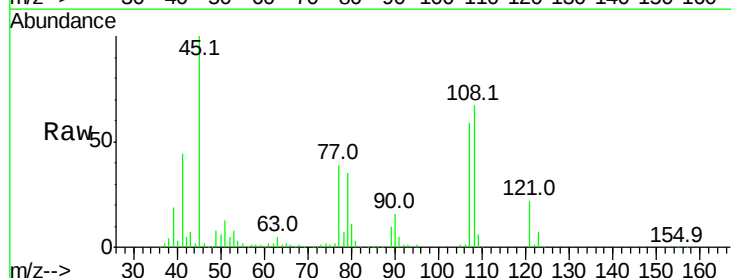
Tgt Ion: 45 Resp: 539776

Ion Ratio Lower Upper

45 100

77 38.7 0.0 33.2#

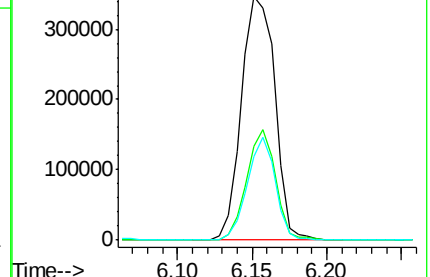
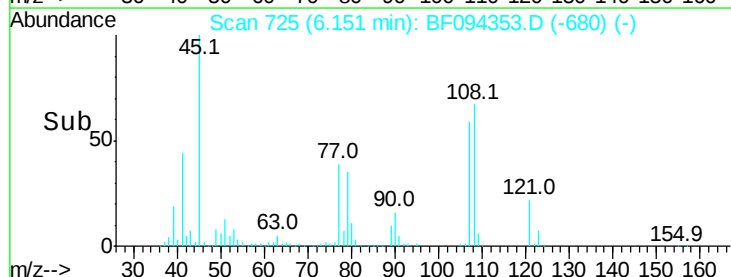
79 34.6 0.0 30.0#

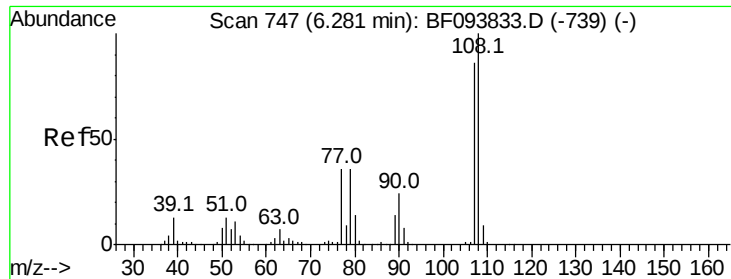


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

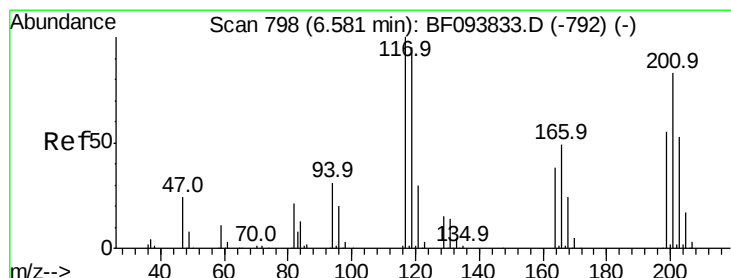
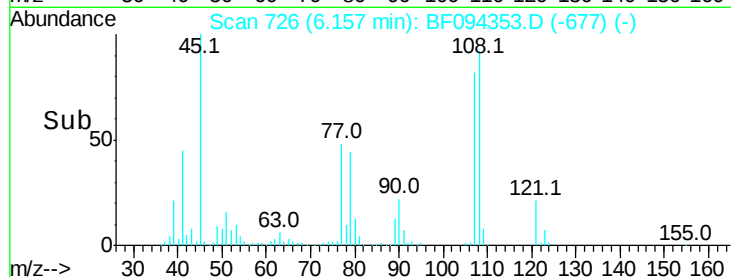
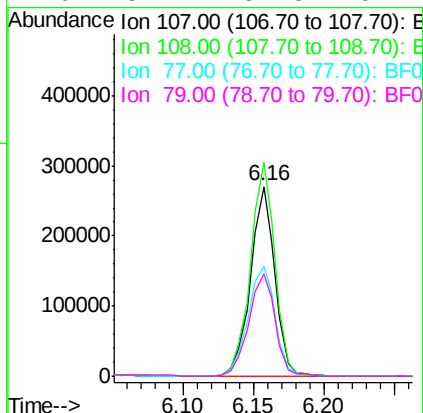
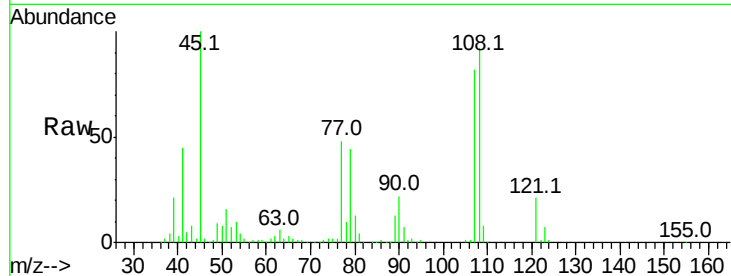




#17
2-Methylphenol
Concen: 37.96 ng
RT: 6.16 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

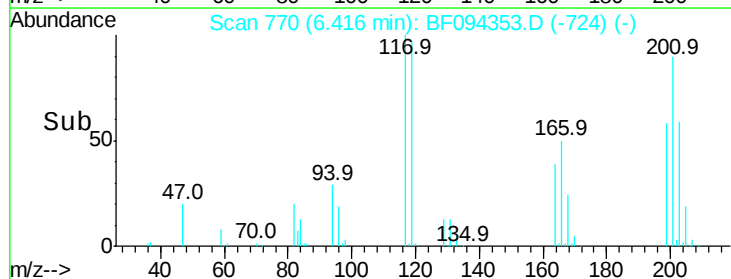
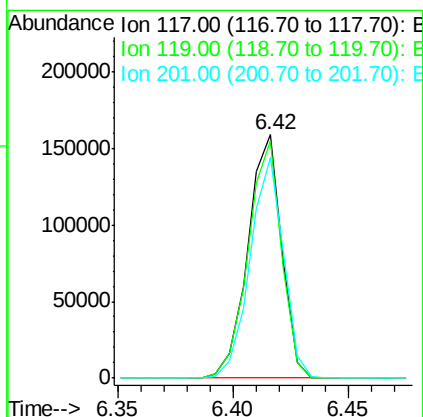
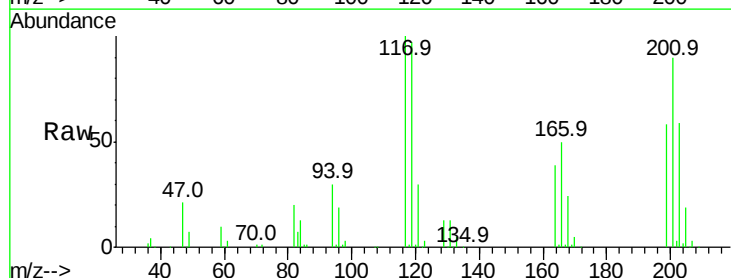
Instrument :
BNA_F
ClientSampleId :

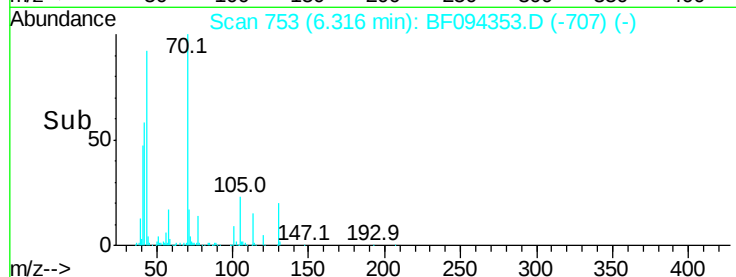
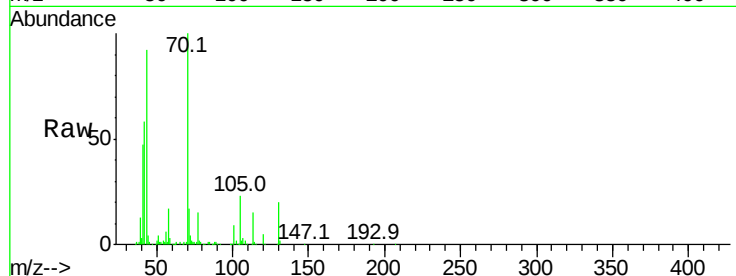
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	93.4	140.0
77	58.4	35.8	53.6#
79	54.4	34.8	52.2#



#18
Hexachloroethane
Concen: 40.40 ng
RT: 6.42 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.0
201	90.3	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 39.92 ng

RT: 6.32 min Scan# 753

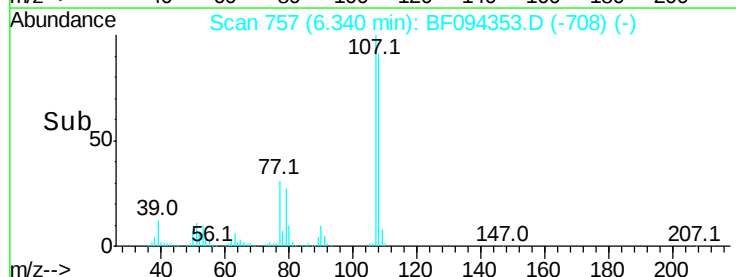
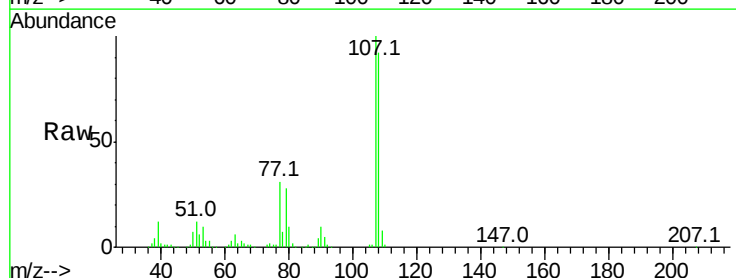
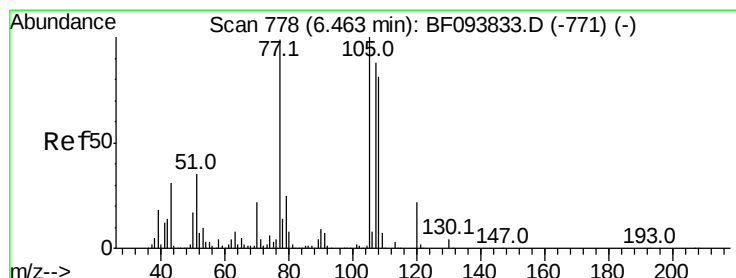
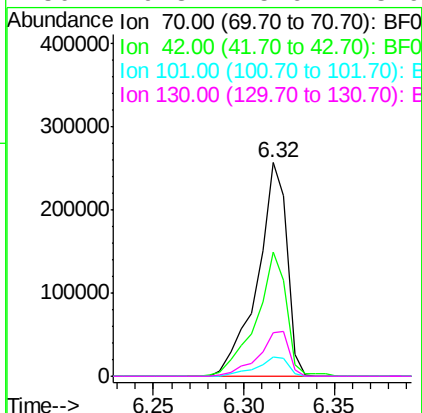
Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	290512
Ion	Ratio	Lower	Upper
70	100		
42	58.2	47.2	70.8
101	9.3	7.2	10.8
130	20.3	15.9	23.9



#20

3+4-Methylphenols

Concen: 43.70 ng

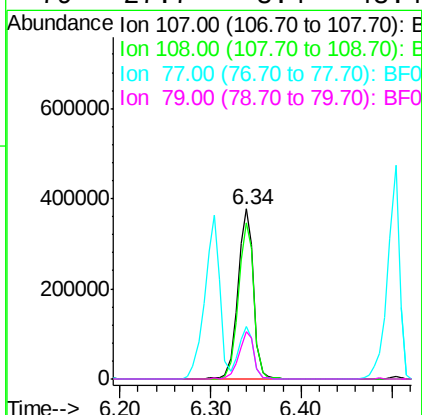
RT: 6.34 min Scan# 757

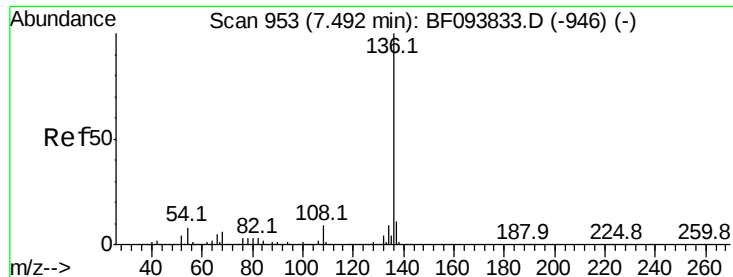
Delta R.T. -0.01 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Tgt Ion:	107	Resp:	456025
Ion	Ratio	Lower	Upper
107	100		
108	91.6	71.0	111.0
77	31.0	90.5	130.5#
79	27.7	8.4	48.4

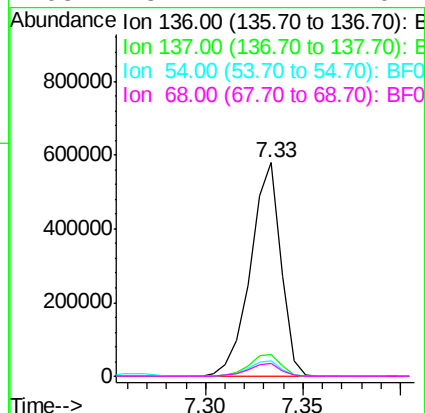
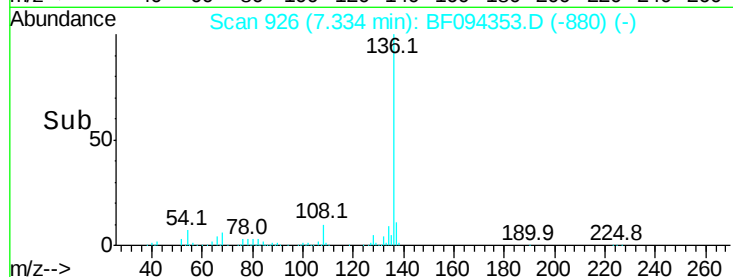
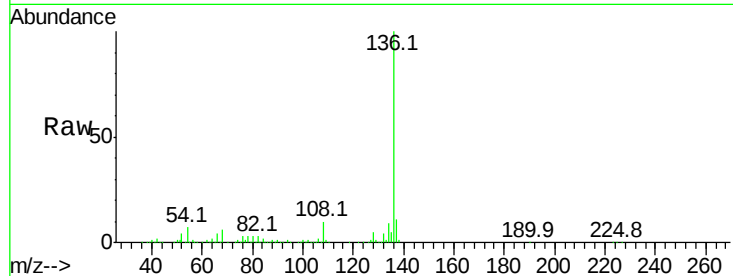




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.33 min Scan# 926
Delta R.T. -0.03 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

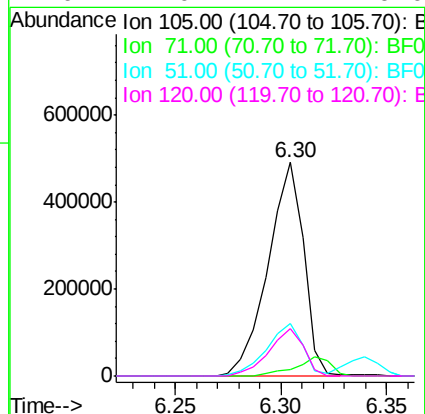
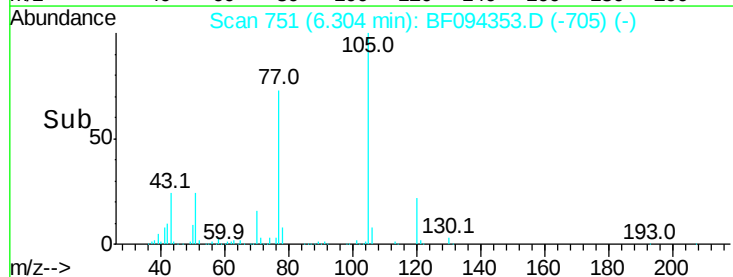
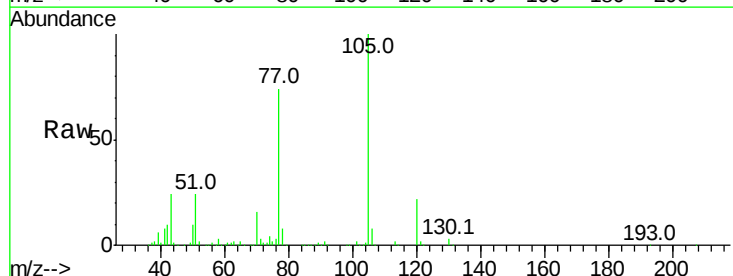
Instrument :
BNA_F
ClientSampleId :

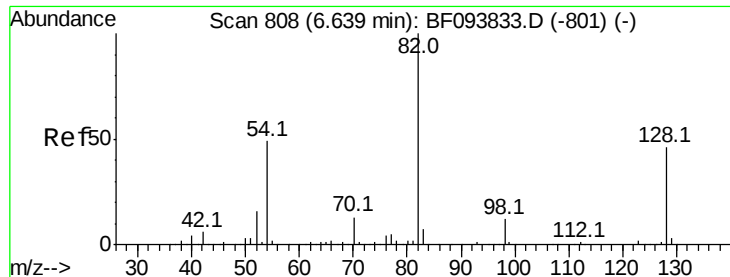
Tot Ion:136	Resp: 624526
Ion Ratio	Lower Upper
136 100	
137 10.5	8.5 12.7
54 7.1	4.9 7.3
68 5.7	4.1 6.1



#22
Acetophenone
Concen: 41.45 ng
RT: 6.30 min Scan# 751
Delta R.T. -0.03 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

Tgt	Ion:105	Resp:	576909
Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.8	4.2#
51	24.5	30.7	46.1#
120	22.0	17.4	26.0

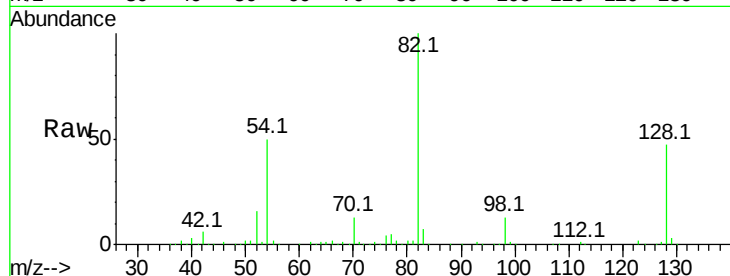




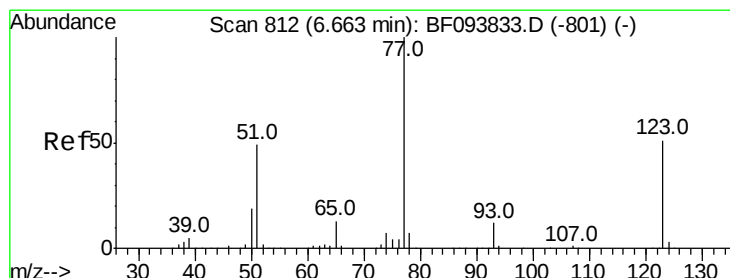
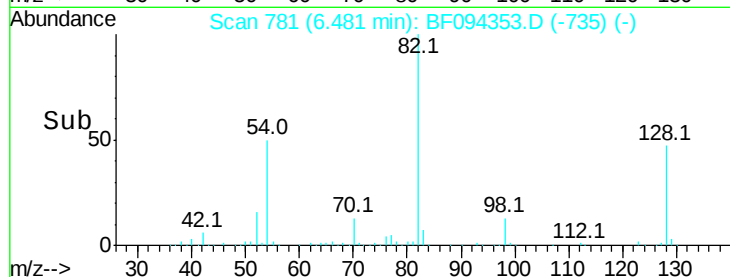
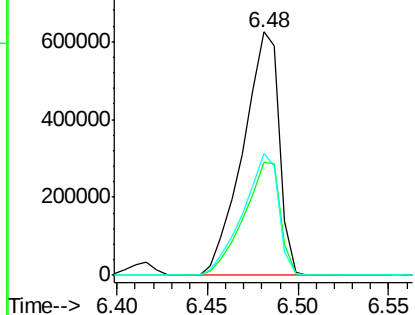
#23
Nitrobenzene-d5
Concen: 79.40 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 868910
Ion Ratio Lower Upper
82 100
128 46.6 34.0 51.0
54 50.0 42.2 63.2

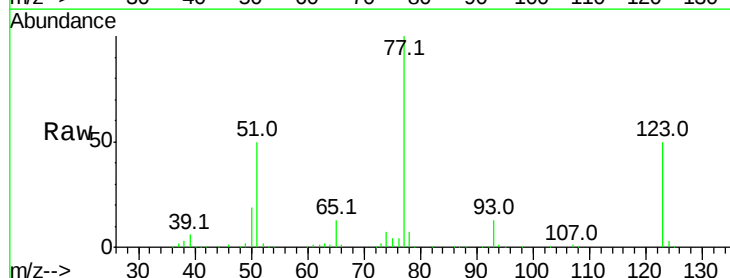


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

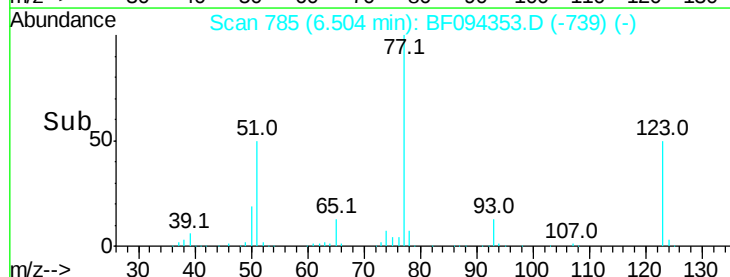
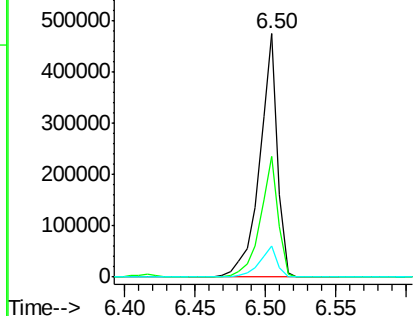


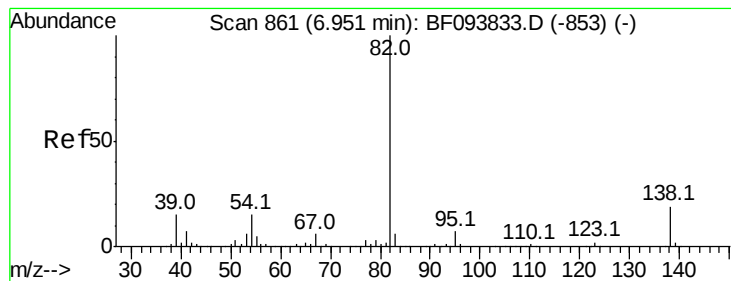
#24
Nitrobenzene
Concen: 38.93 ng
RT: 6.50 min Scan# 785
Delta R.T. -0.03 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

Tgt Ion: 77 Resp: 420216
Ion Ratio Lower Upper
77 100
123 49.8 35.8 53.8
65 12.7 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 38.55 ng

RT: 6.79 min Scan# 834

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampleId :

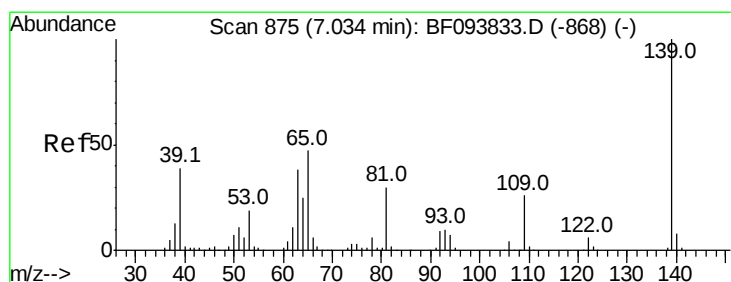
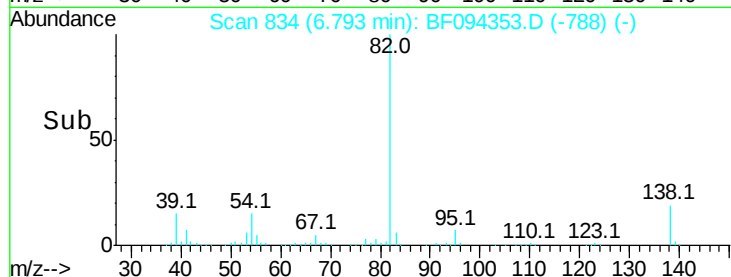
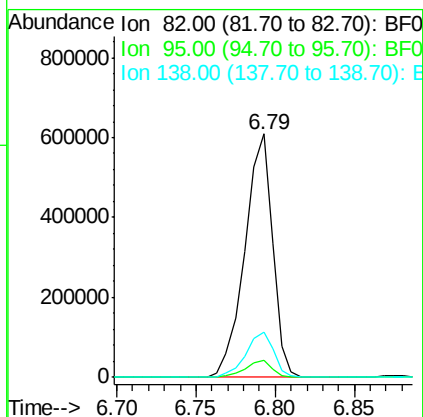
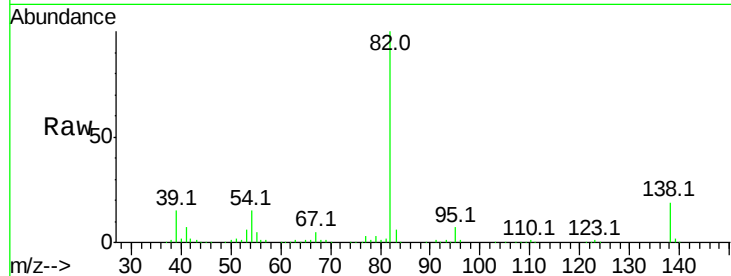
Tot Ion: 82 Resp: 741244

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.6 13.1 19.7



#26

2-Nitrophenol

Concen: 43.43 ng

RT: 6.87 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

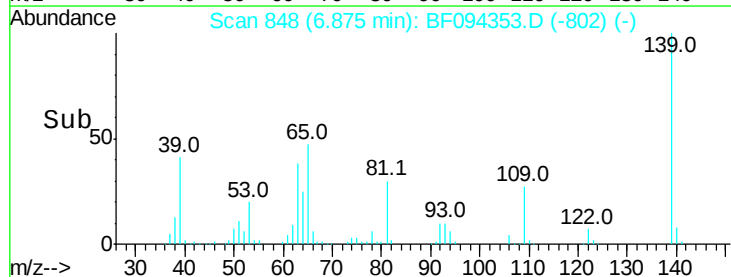
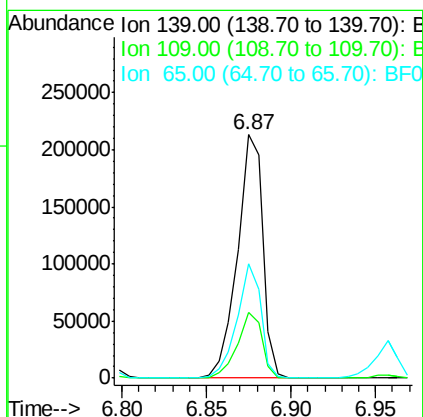
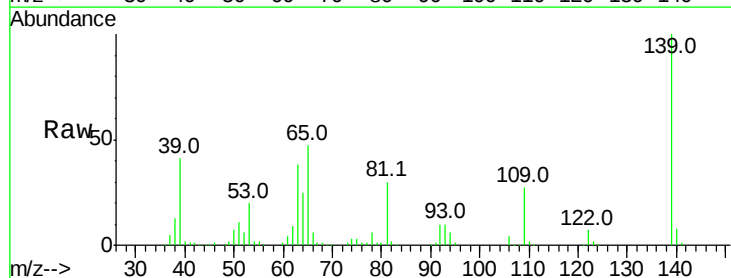
Tgt Ion:139 Resp: 223525

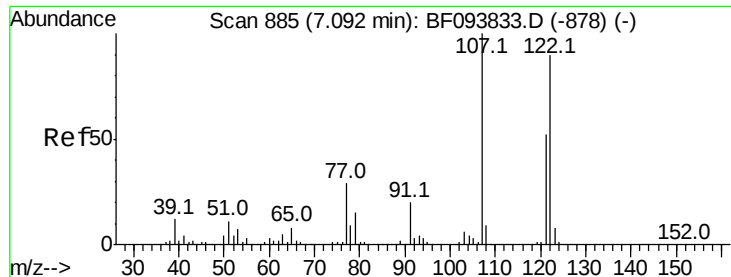
Ion Ratio Lower Upper

139 100

109 27.0 21.0 31.6

65 46.8 33.0 49.6

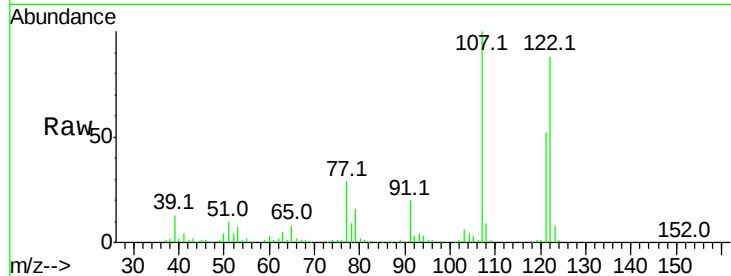




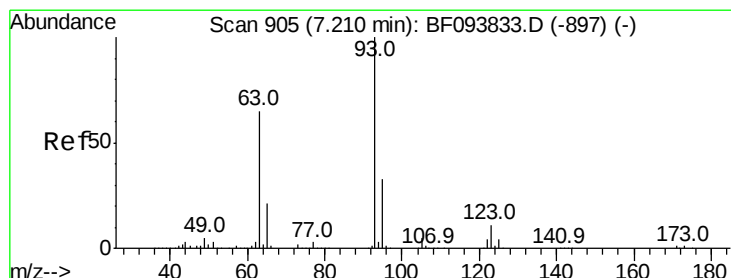
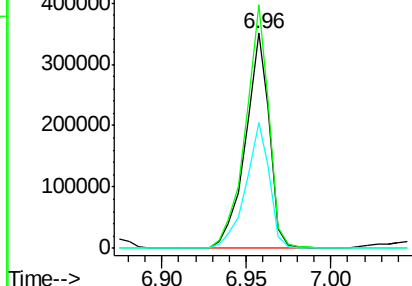
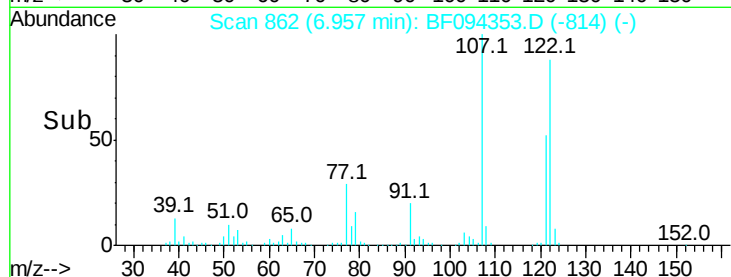
#27
 2,4-Dimethylphenol
 Concen: 39.11 ng
 RT: 6.96 min Scan# 862
 Delta R.T. -0.02 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 346904
 Ion Ratio Lower Upper
 122 100
 107 113.0 89.2 133.8
 121 58.5 45.2 67.8

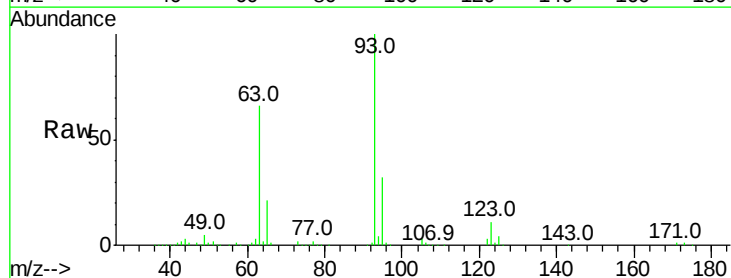


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

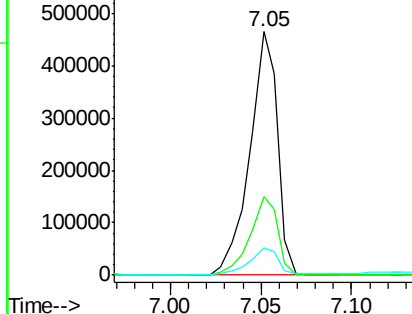
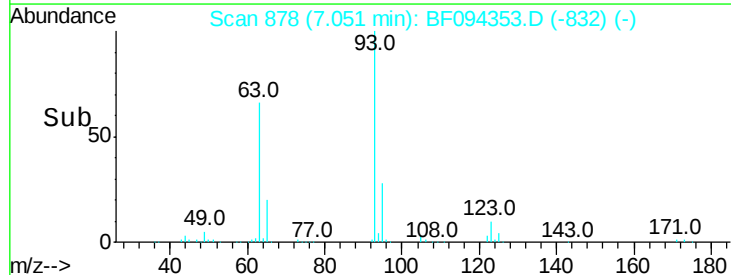


#28
 bis(2-Chloroethoxy)methane
 Concen: 38.92 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.03 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Tgt Ion: 93 Resp: 493486
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.5 39.7
 123 11.4 9.0 13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

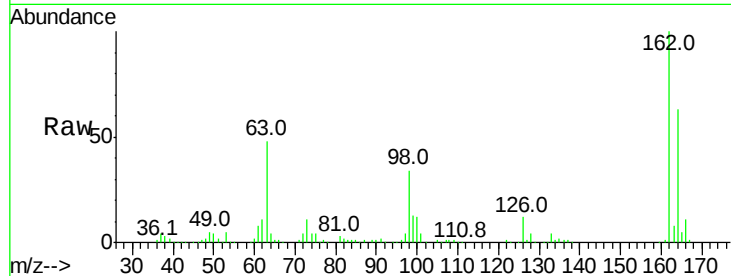




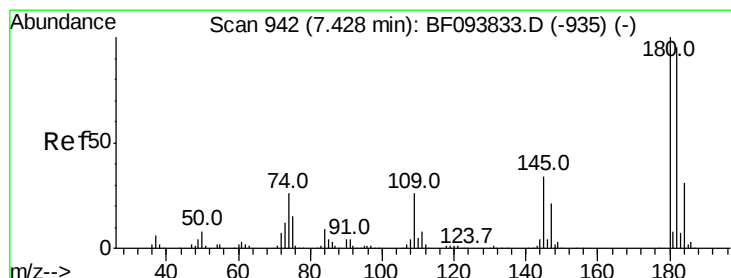
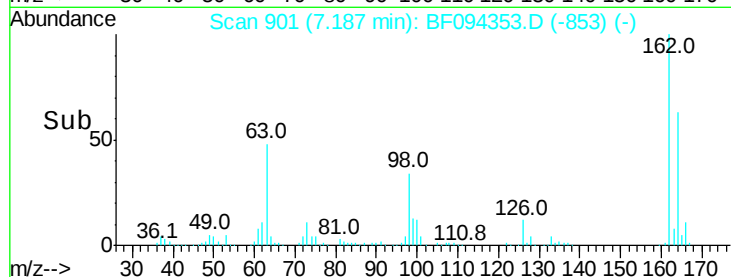
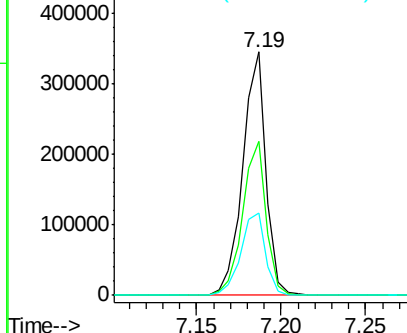
#29
 2,4-Dichlorophenol
 Concen: 39.84 ng
 RT: 7.19 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 330344
 Ion Ratio Lower Upper
 162 100
 164 63.4 44.6 84.6
 98 33.9 14.8 54.8

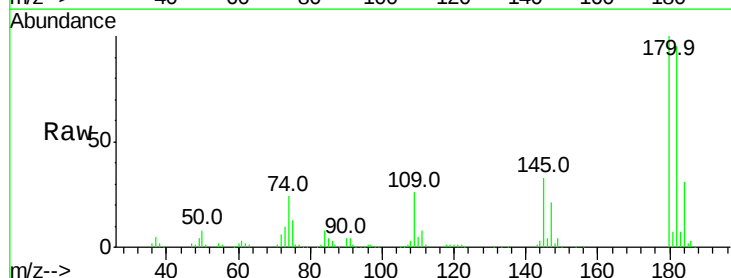


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

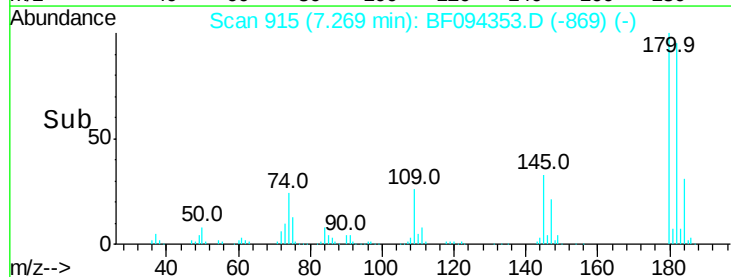
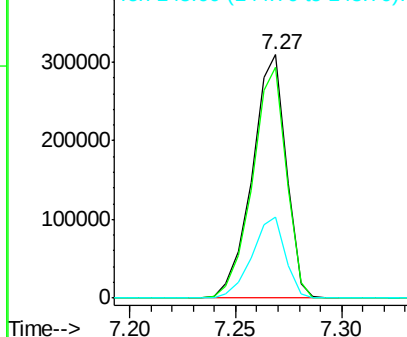


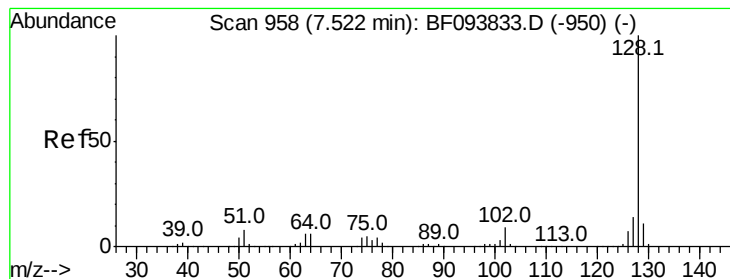
#30
 1,2,4-Trichlorobenzene
 Concen: 40.60 ng
 RT: 7.27 min Scan# 915
 Delta R.T. -0.03 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Tgt Ion:180 Resp: 346757
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.8 113.6
 145 33.5 25.3 37.9



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





#31

Naphthalene

Concen: 39.89 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampleId :

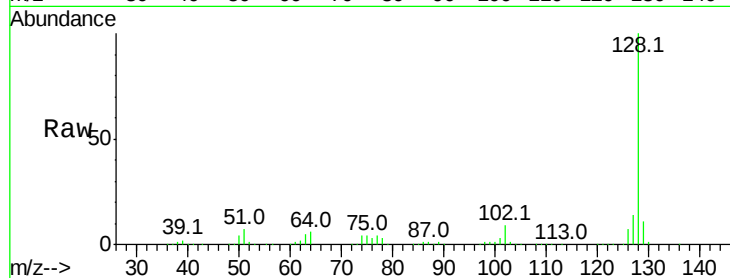
Tot Ion:128 Resp: 1197880

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

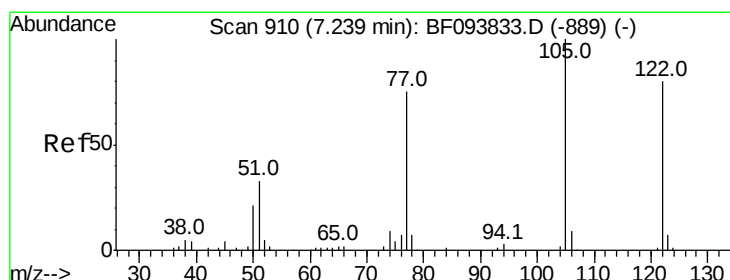
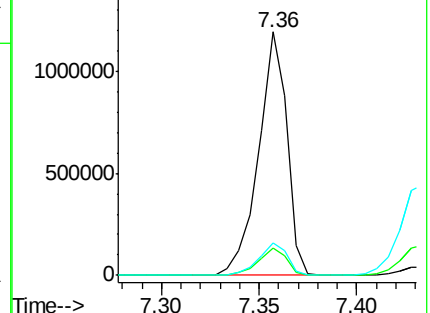
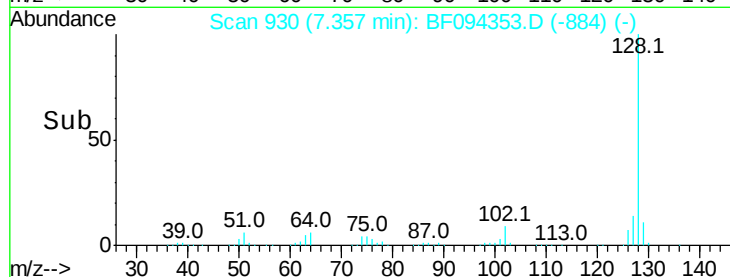
127 13.5 10.8 16.2



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: 35.97 ng

RT: 7.13 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

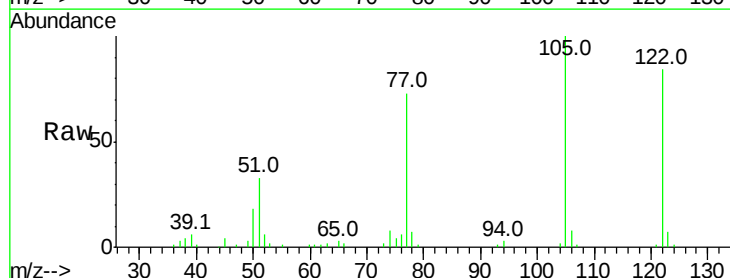
Tgt Ion:122 Resp: 212375

Ion Ratio Lower Upper

122 100

105 119.0 103.3 143.3

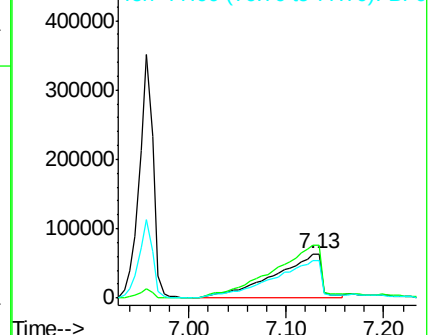
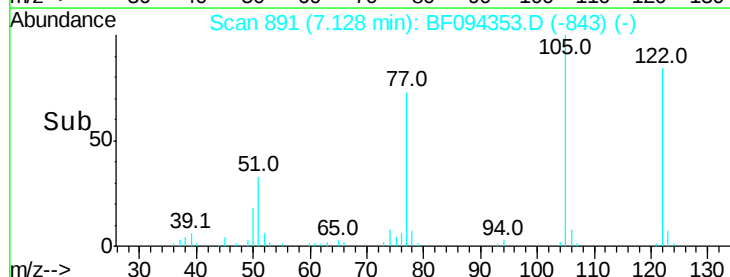
77 86.4 73.7 113.7

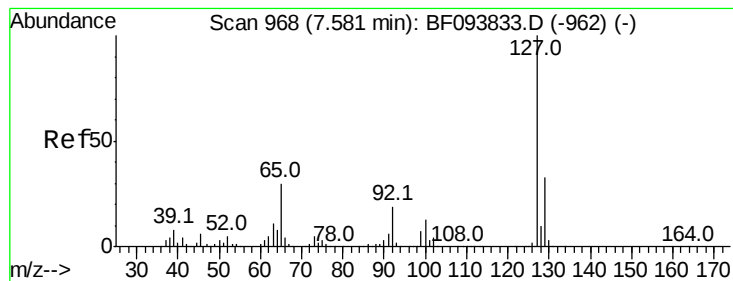


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 39.44 ng

RT: 7.43 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF094353.D

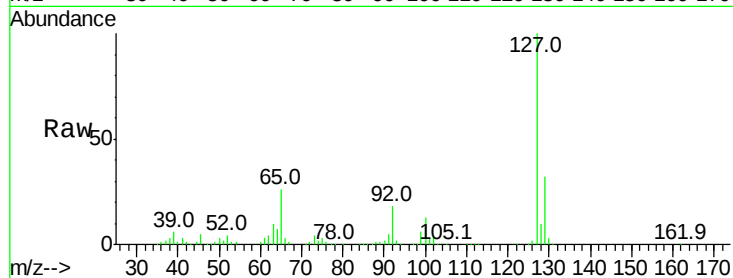
Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	480001
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	26.0	27.8	41.8#
92	17.6	16.8	25.2

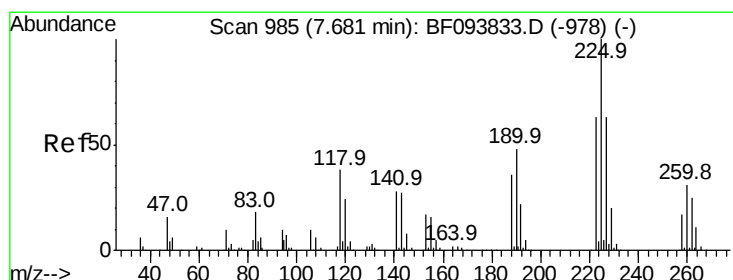
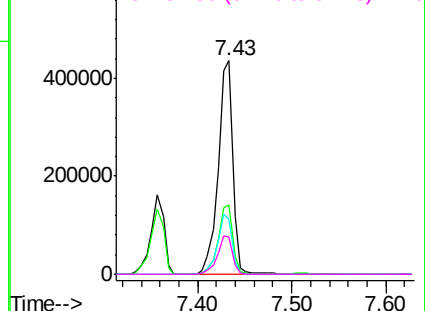
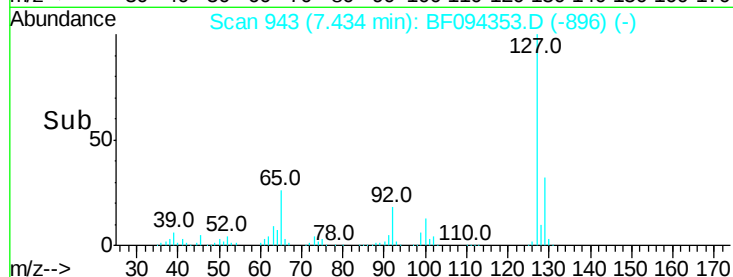


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.30 ng

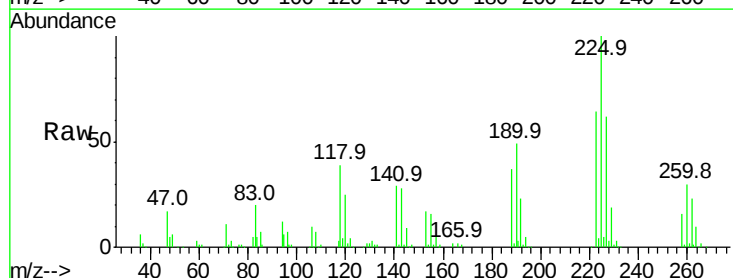
RT: 7.51 min Scan# 956

Delta R.T. -0.04 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

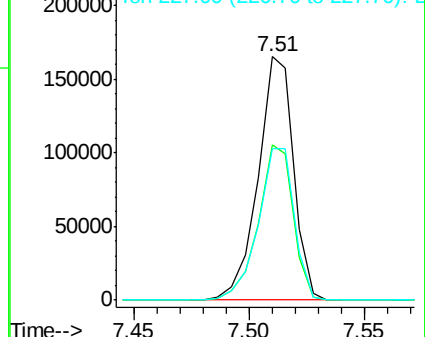
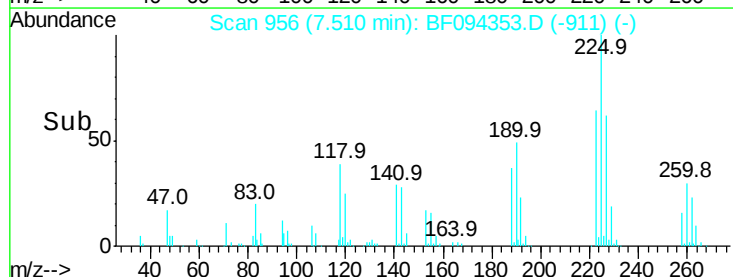
Tgt Ion:	225	Resp:	176486
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	62.0	51.1	76.7

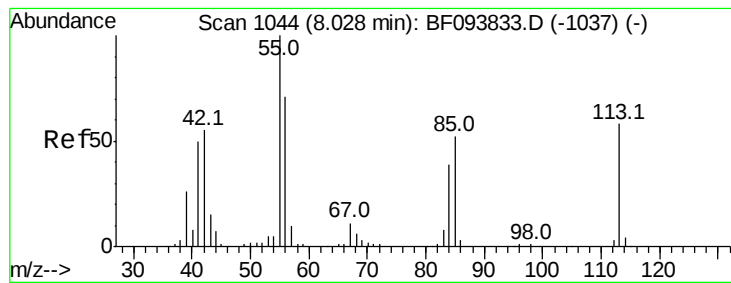


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.84 ng

RT: 7.88 min Scan# 1019

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampleId :

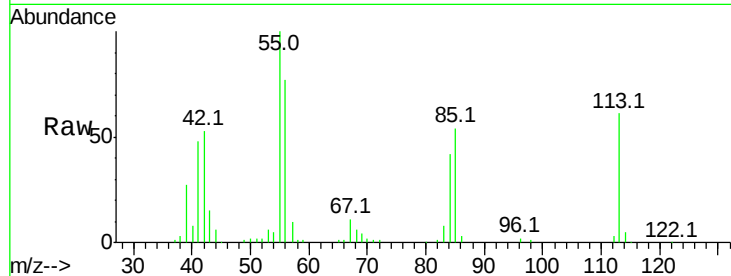
Tot Ion:113 Resp: 102700

Ion Ratio Lower Upper

113 100

55 163.9 150.2 190.2

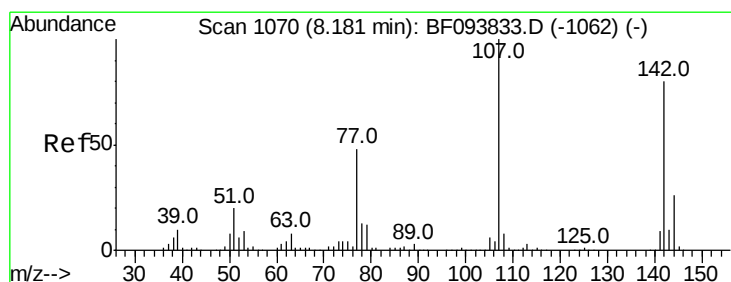
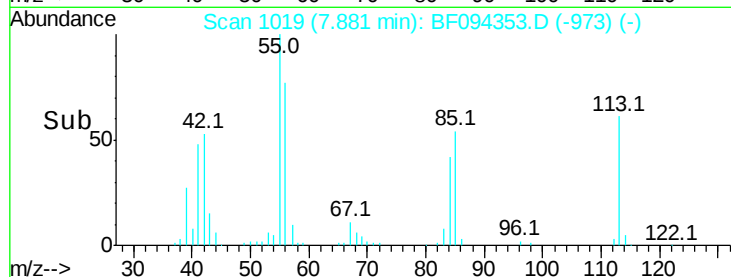
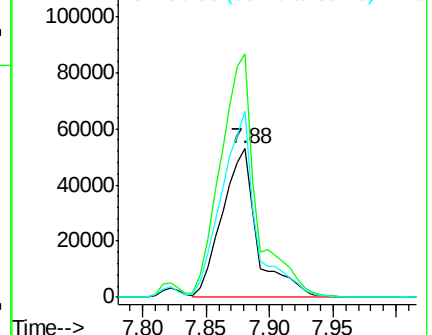
56 125.4 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.99 ng

RT: 8.06 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

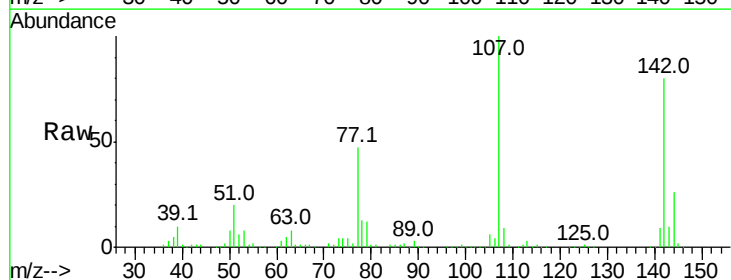
Tgt Ion:107 Resp: 346490

Ion Ratio Lower Upper

107 100

144 25.9 24.2 36.4

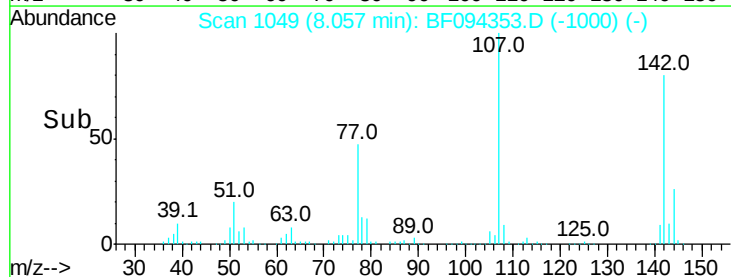
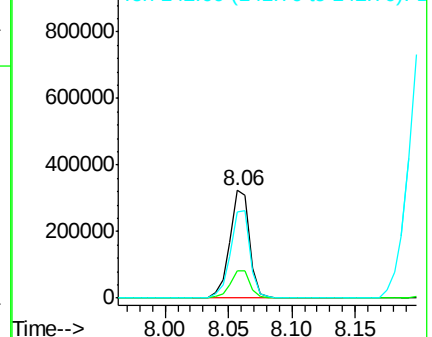
142 80.0 73.4 110.0

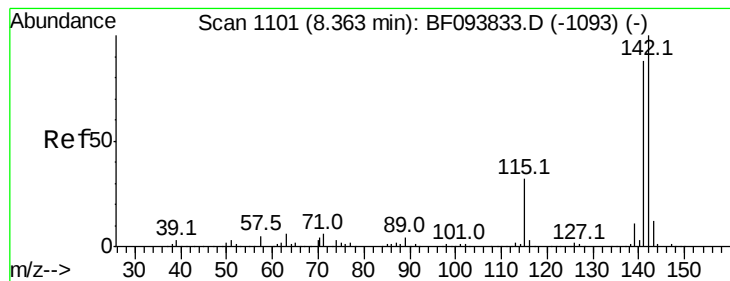


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.11 ng

RT: 8.20 min Scan# 1073

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampled :

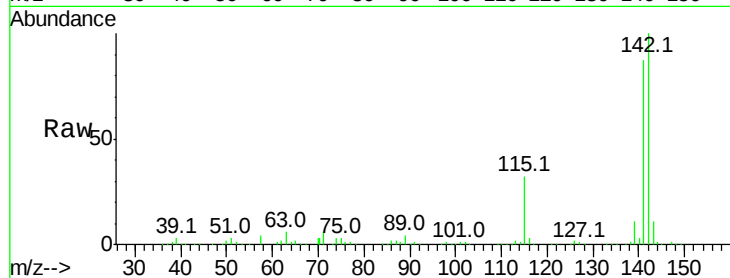
Tot Ion:142 Resp: 802973

Ion Ratio Lower Upper

142 100

141 87.3 71.3 106.9

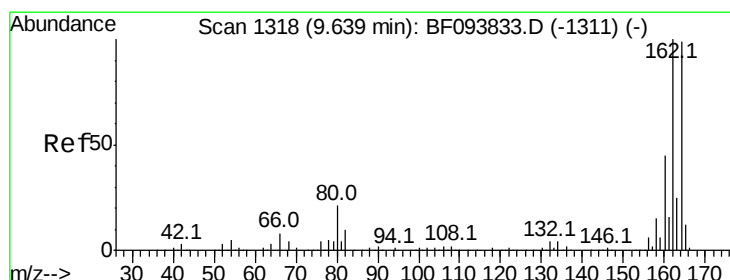
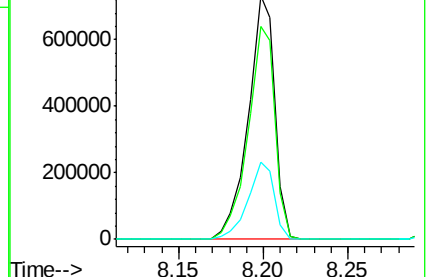
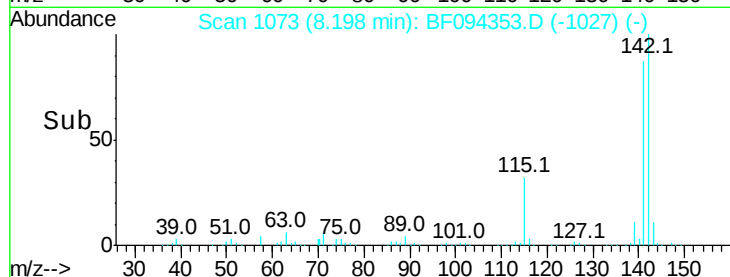
115 31.8 27.1 40.7



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: 9.47 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

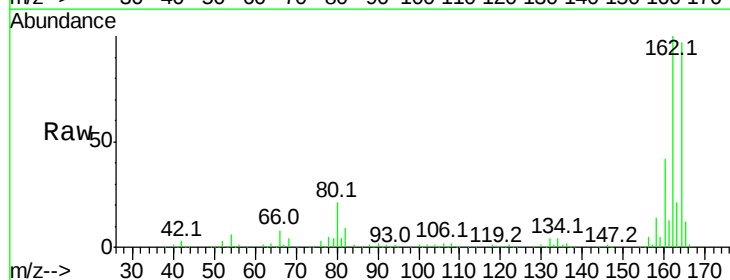
Tgt Ion:164 Resp: 287221

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

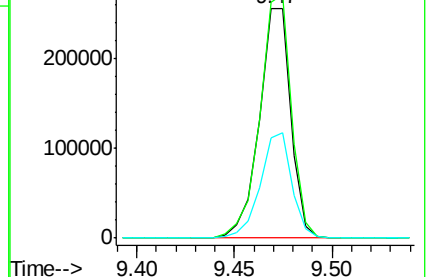
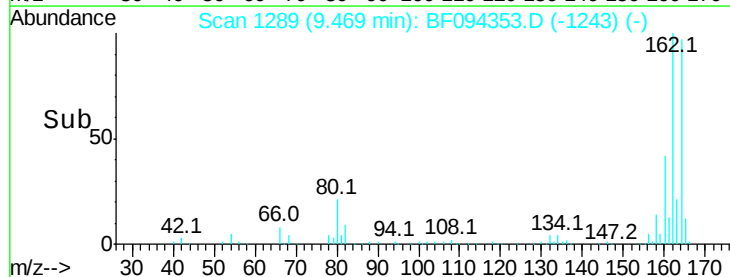
160 43.6 36.2 54.2

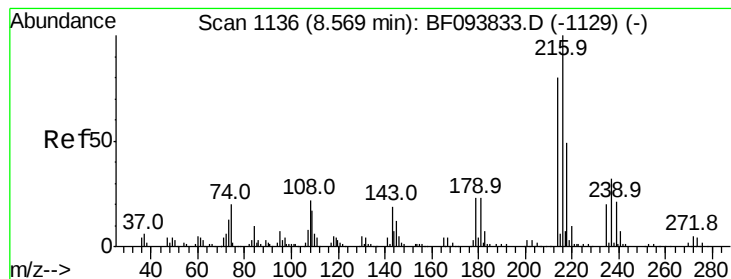


Abundance Ion 164.00 (163.70 to 164.70): E

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: 40.52 ng

RT: 8.41 min Scan# 1109

Delta R.T. -0.02 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 318406

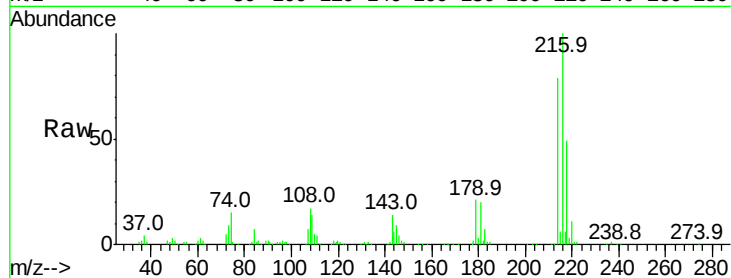
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.2

179 22.2 17.9 26.9

108 20.7 16.5 24.7

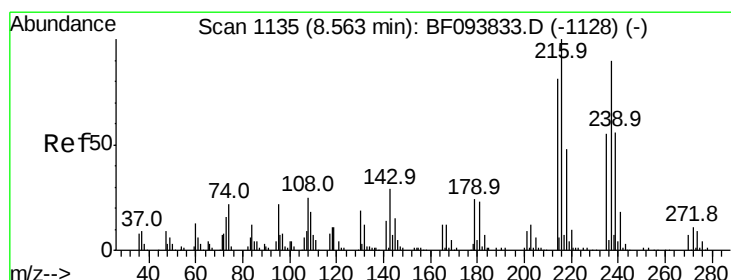
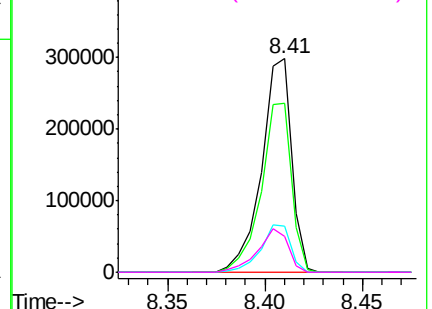
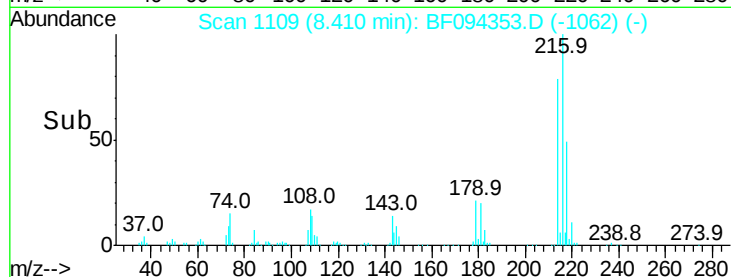


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.27 ng

RT: 8.39 min Scan# 1106

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

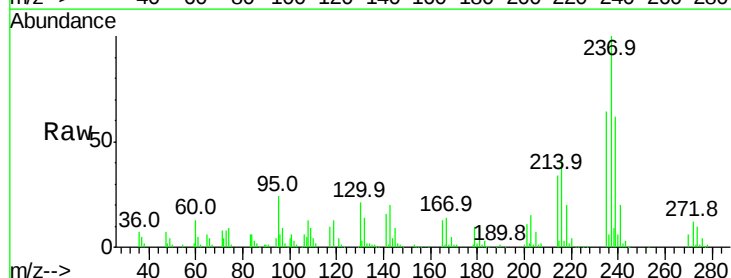
Tgt Ion:237 Resp: 140719

Ion Ratio Lower Upper

237 100

235 63.8 42.6 82.6

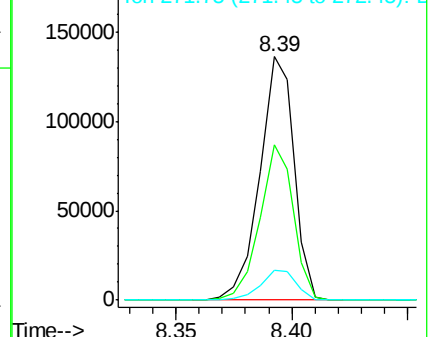
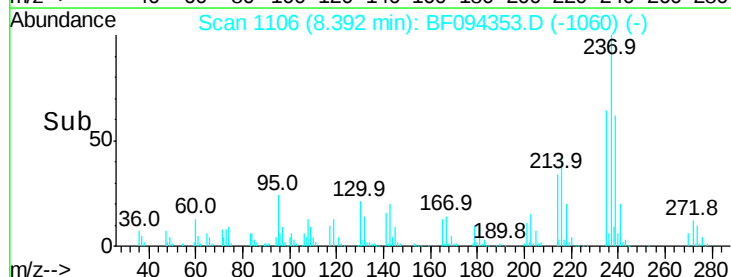
272 12.1 0.0 31.9

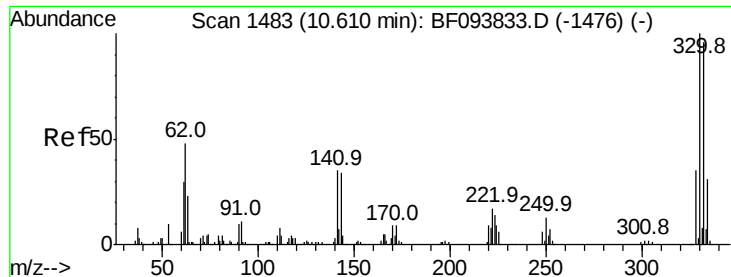


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

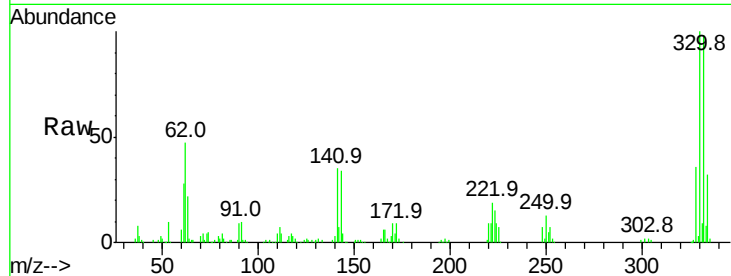




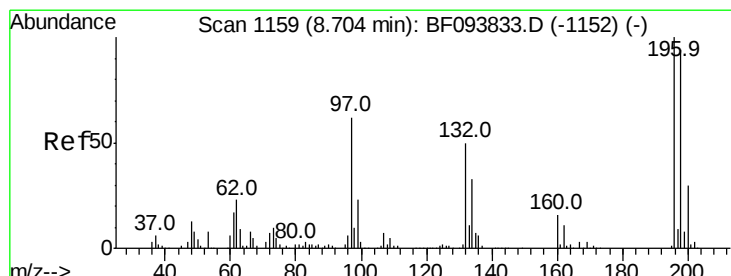
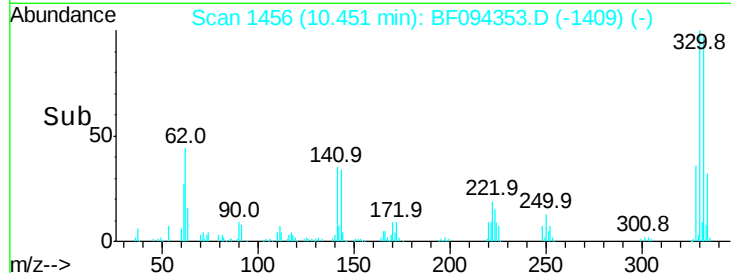
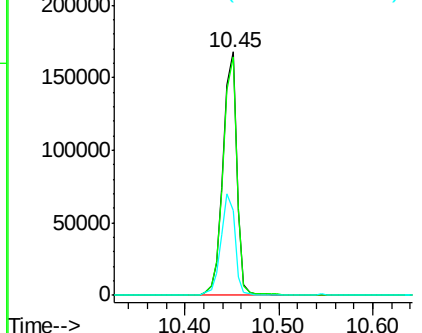
#41
 2,4,6-Tribromophenol
 Concen: 76.98 ng
 RT: 10.45 min Scan# 1456
 Delta R.T. -0.02 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 174710
 Ion Ratio Lower Upper
 330 100
 332 97.9 76.6 115.0
 141 42.3 31.4 47.2

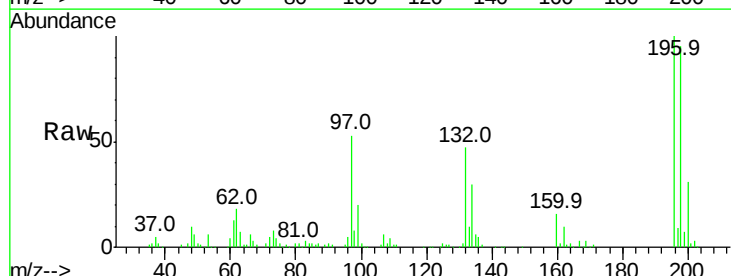


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

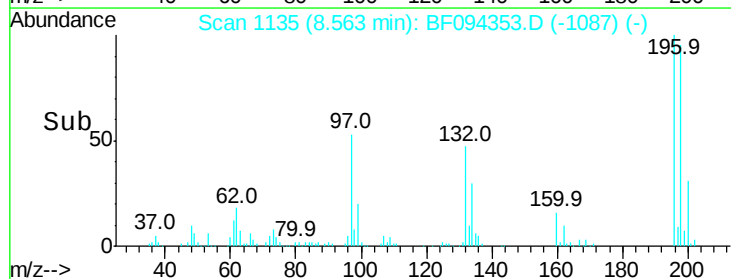
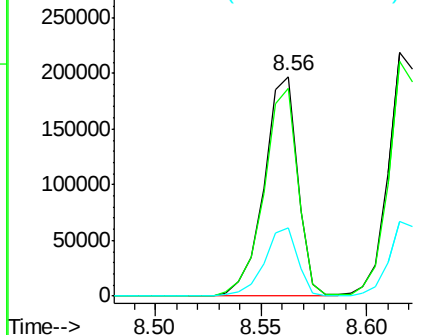


#42
 2,4,6-Trichlorophenol
 Concen: 39.54 ng
 RT: 8.56 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Tgt Ion:196 Resp: 219786
 Ion Ratio Lower Upper
 196 100
 198 94.7 74.2 111.4
 200 30.8 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

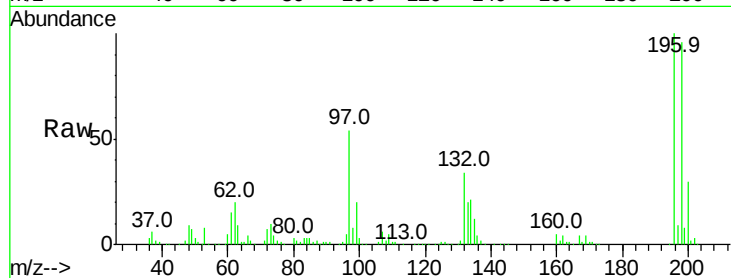




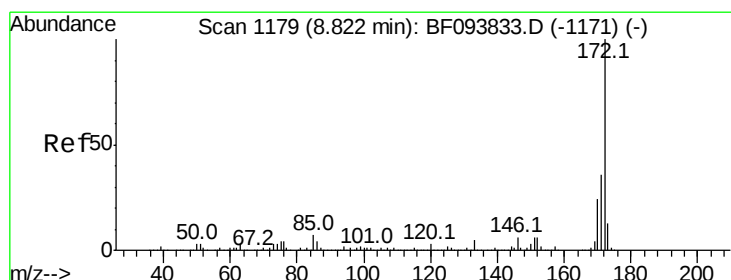
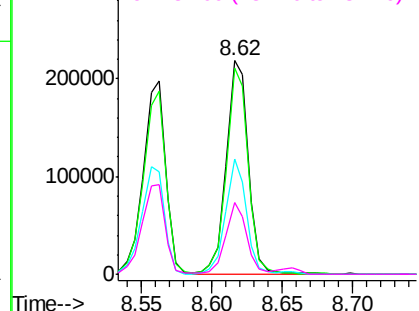
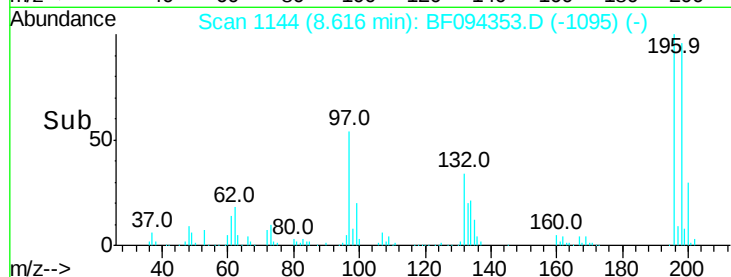
#43
 2,4,5-Trichlorophenol
 Concen: 39.25 ng
 RT: 8.62 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 236121
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.7 113.5
 97 53.9 47.7 71.5
 132 33.8 28.0 42.0

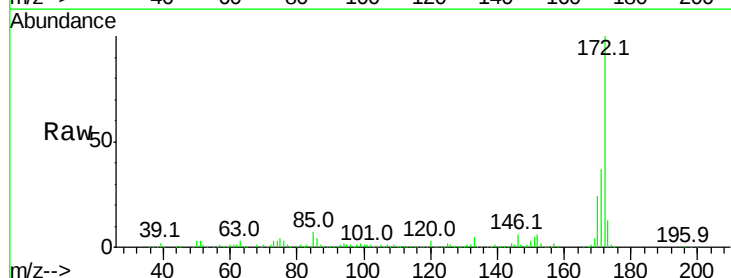


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

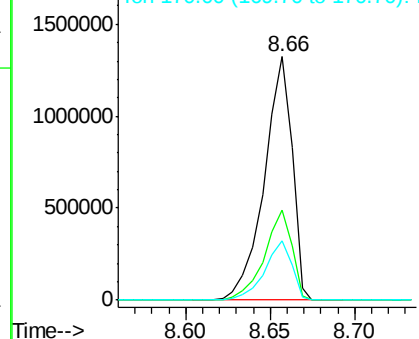
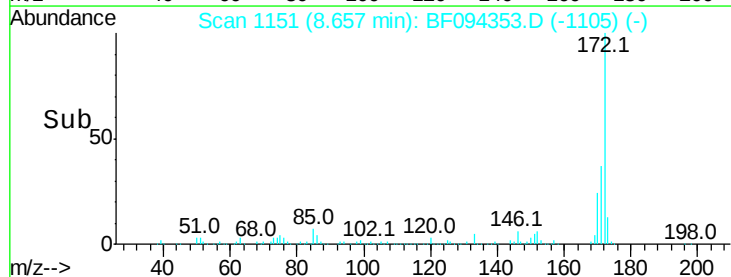


#44
 2-Fluorobiphenyl
 Concen: 80.28 ng
 RT: 8.66 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Tgt Ion:172 Resp: 1511747
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 24.4 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

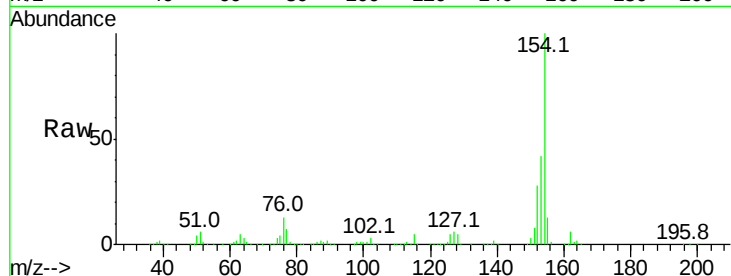




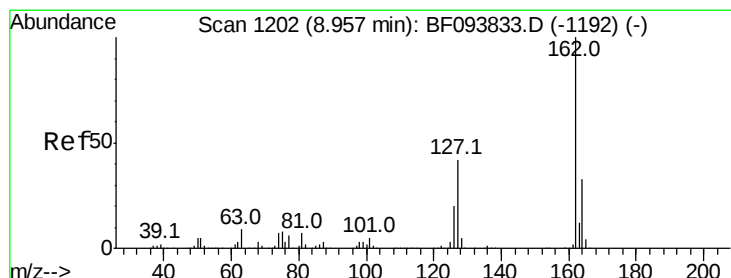
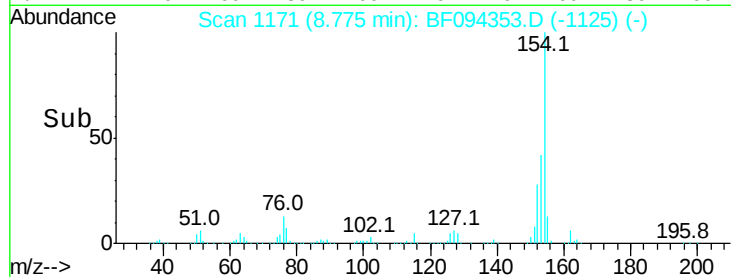
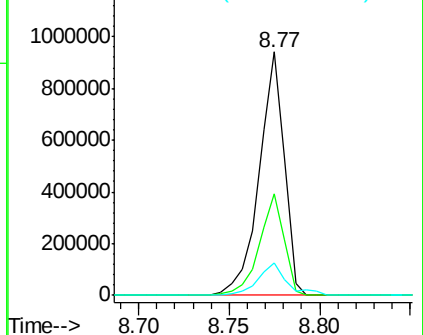
#45
 1,1'-Biphenyl
 Concen: 39.20 ng
 RT: 8.77 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 908116
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.2 61.2
 76 13.2 0.0 29.9

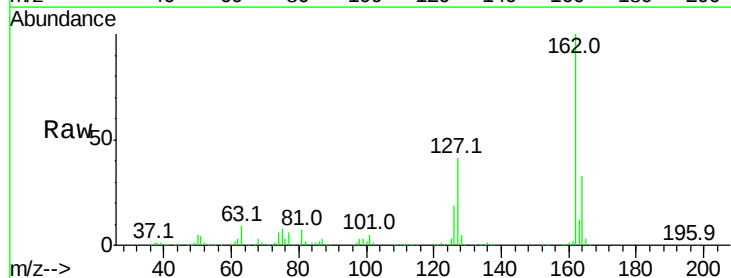


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

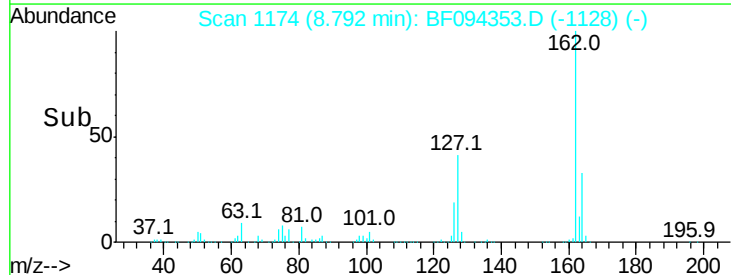
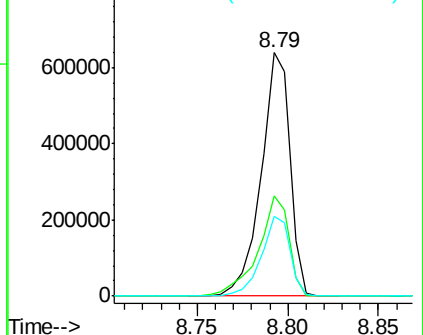


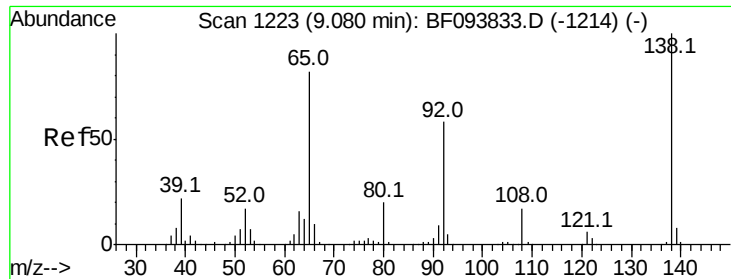
#46
 2-Chloronaphthalene
 Concen: 38.96 ng
 RT: 8.79 min Scan# 1174
 Delta R.T. -0.03 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Tgt Ion:162 Resp: 706526
 Ion Ratio Lower Upper
 162 100
 127 41.4 28.3 42.5
 164 32.7 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

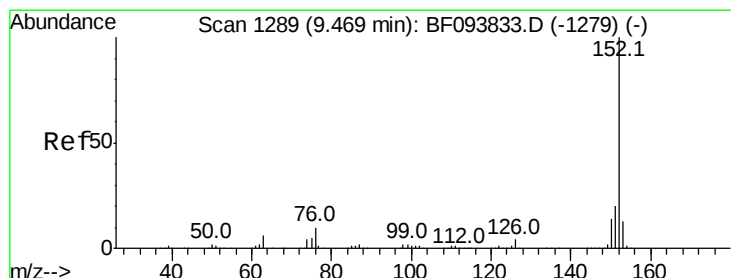
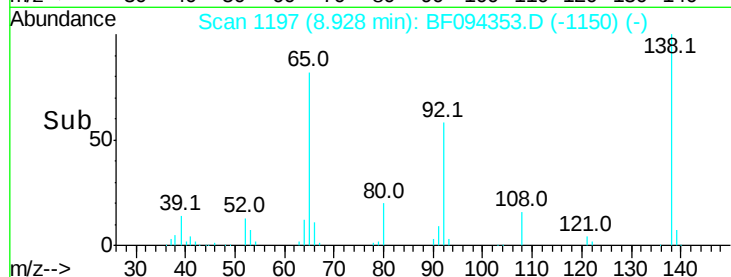
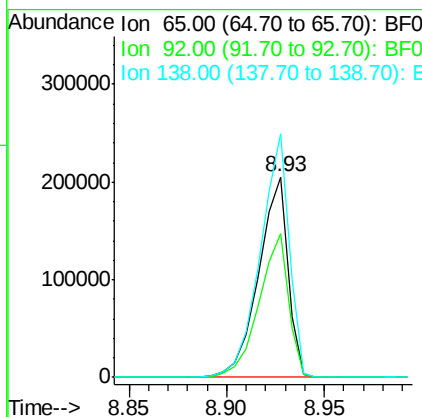
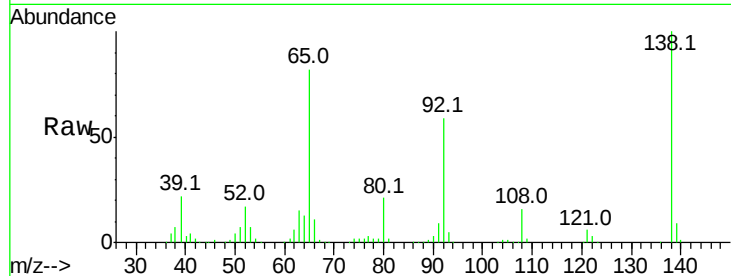




#47
 2-Nitroaniline
 Concen: 39.85 ng
 RT: 8.93 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

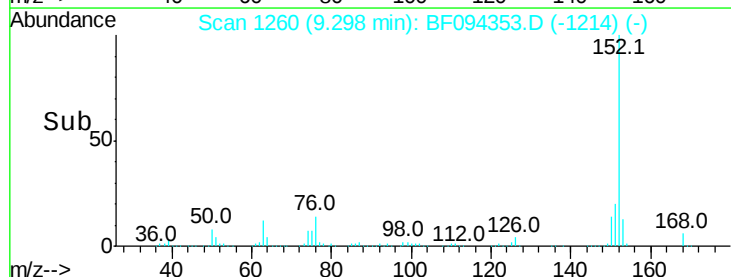
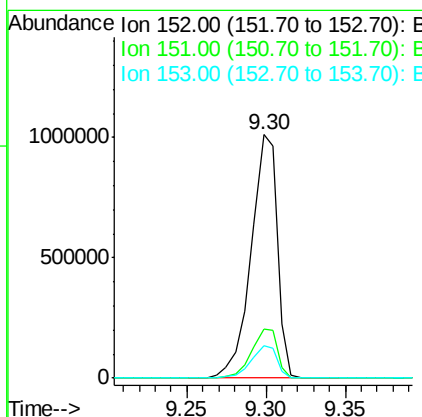
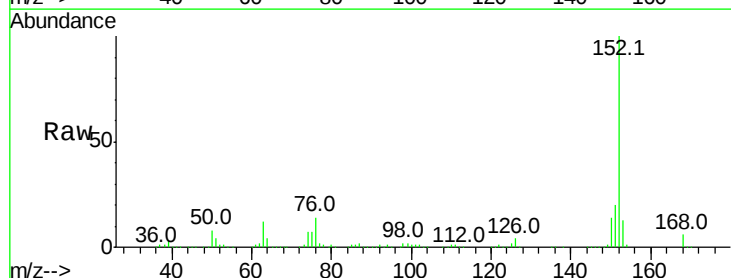
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 214393
 Ion Ratio Lower Upper
 65 100
 92 71.7 53.9 80.9
 138 121.4 78.8 118.2#



#48
 Acenaphthylene
 Concen: 38.58 ng
 RT: 9.30 min Scan# 1260
 Delta R.T. -0.03 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Tgt Ion:152 Resp: 1162839
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.8 25.2
 153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 40.03 ng

RT: 9.17 min Scan# 1238

Delta R.T. -0.02 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampled :

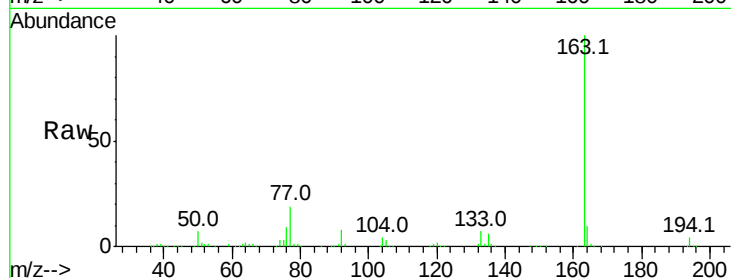
Tot Ion:163 Resp: 817274

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

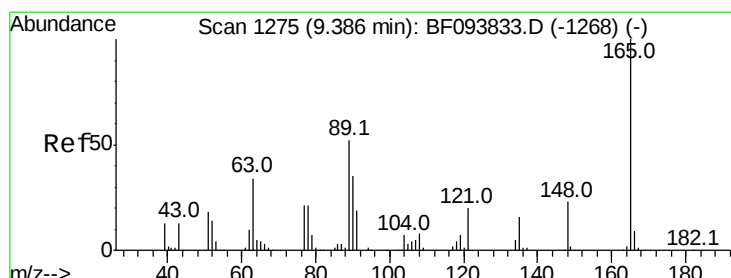
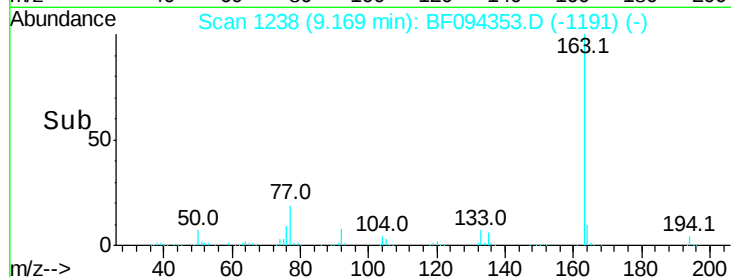
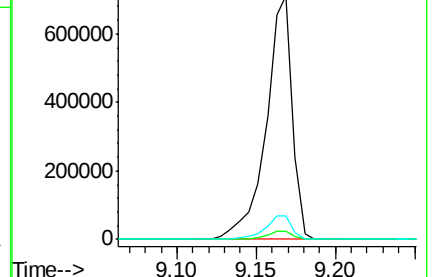
164 9.8 8.4 12.6



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: 40.89 ng

RT: 9.23 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

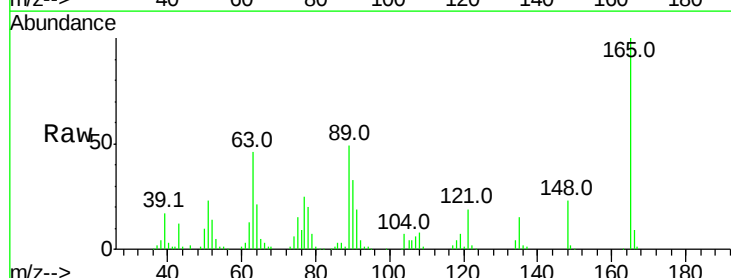
Tgt Ion:165 Resp: 191372

Ion Ratio Lower Upper

165 100

63 46.0 34.3 51.5

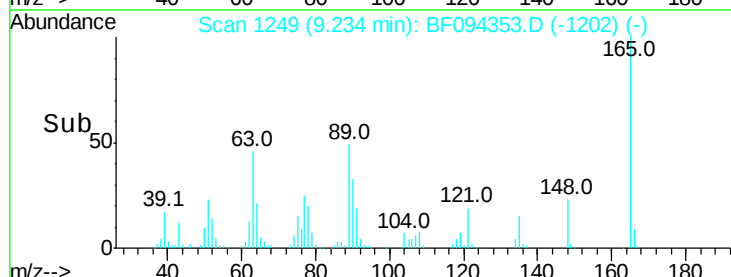
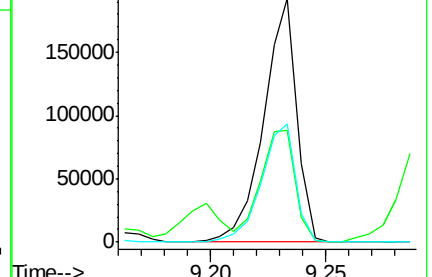
89 48.5 37.1 55.7

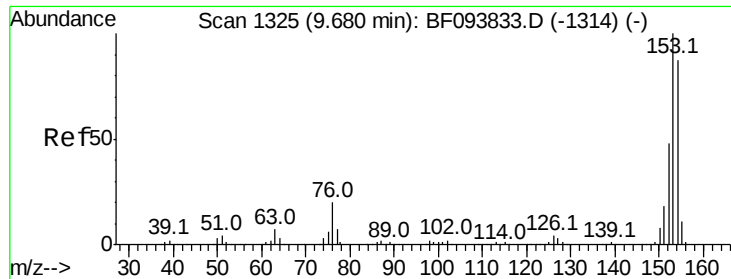


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.89 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampled :

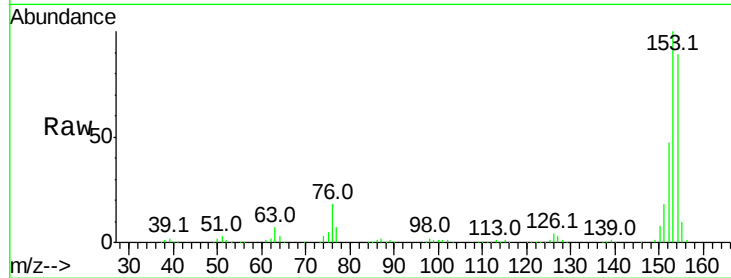
Tot Ion:154 Resp: 684006

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

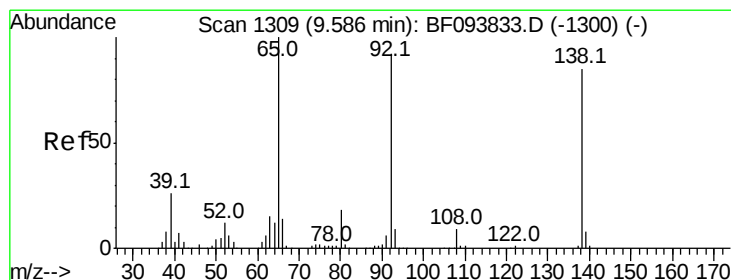
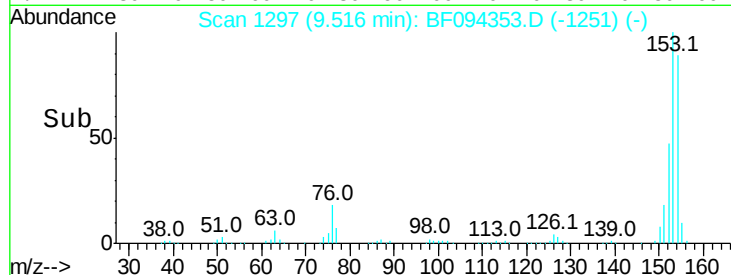
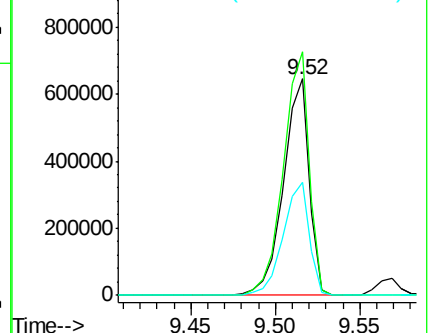
152 52.4 43.6 65.4



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: 39.70 ng

RT: 9.44 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

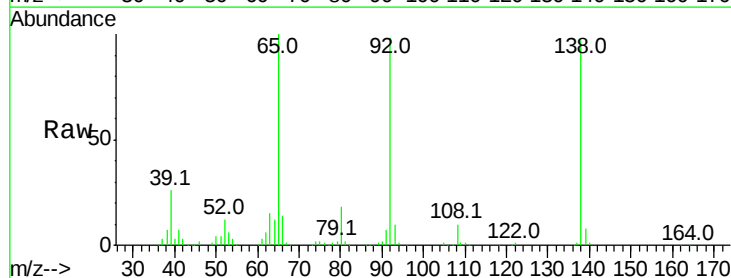
Tgt Ion:138 Resp: 218201

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

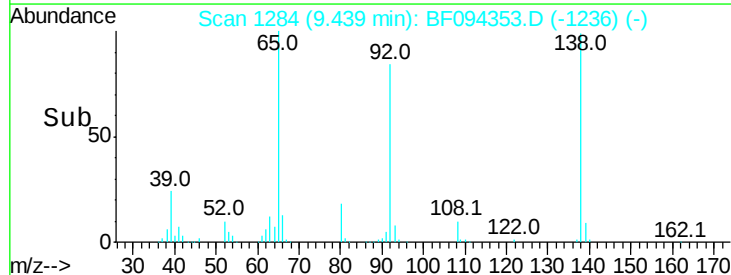
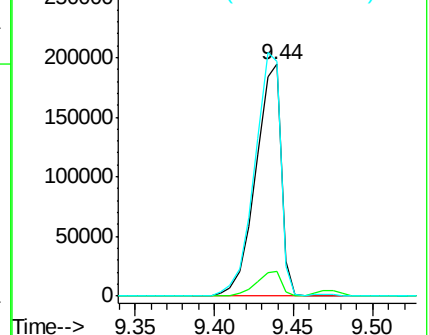
92 101.5 93.8 140.6

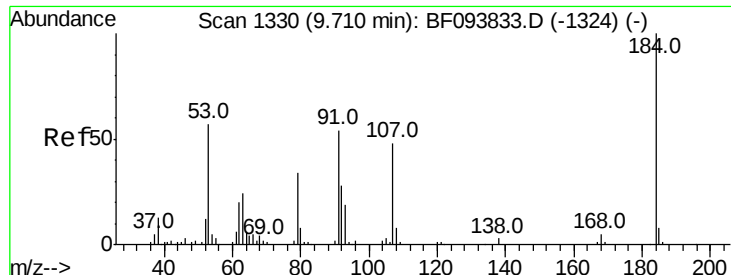


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

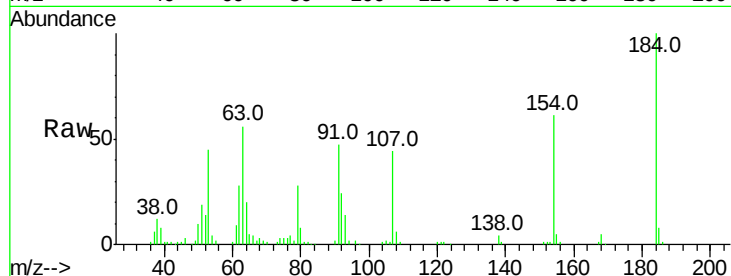




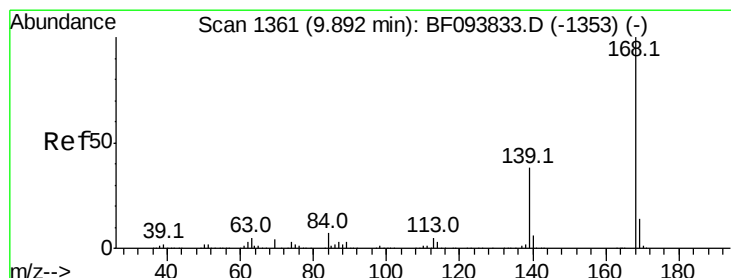
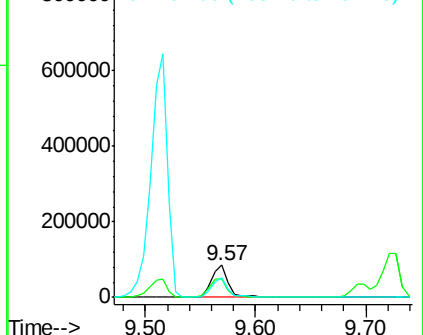
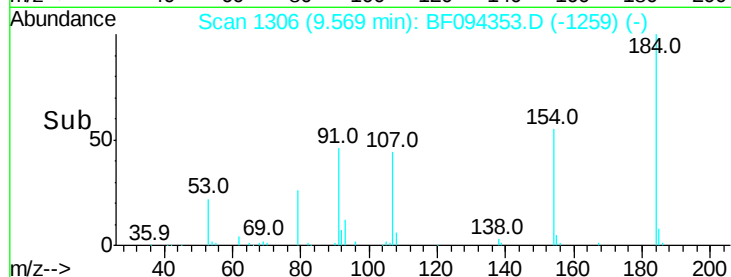
#53
2,4-Dinitrophenol
Concen: 39.26 ng
RT: 9.57 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 92012
Ion Ratio Lower Upper
184 100
63 55.9 62.7 94.1#
154 61.5 81.1 121.7#

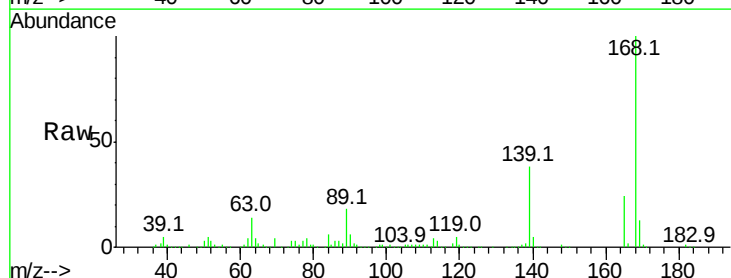


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

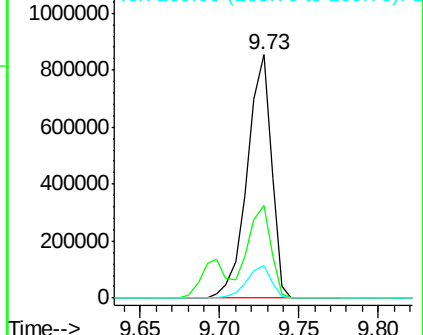
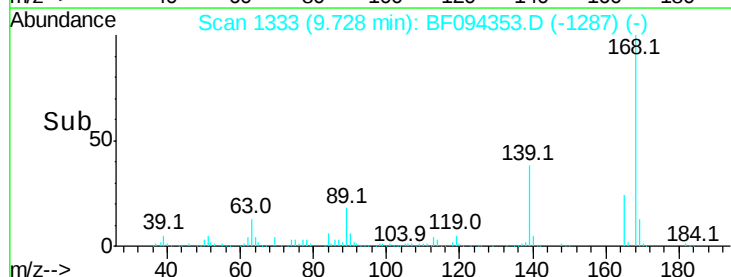


#54
Dibenzofuran
Concen: 37.71 ng
RT: 9.73 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

Tgt Ion:168 Resp: 902739
Ion Ratio Lower Upper
168 100
139 37.8 30.6 45.8
169 13.3 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

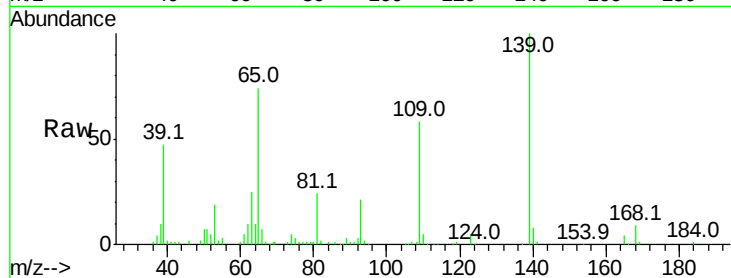




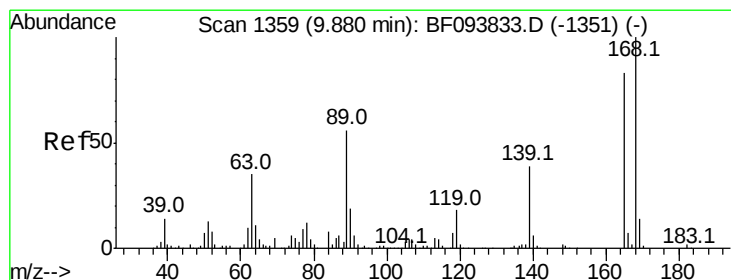
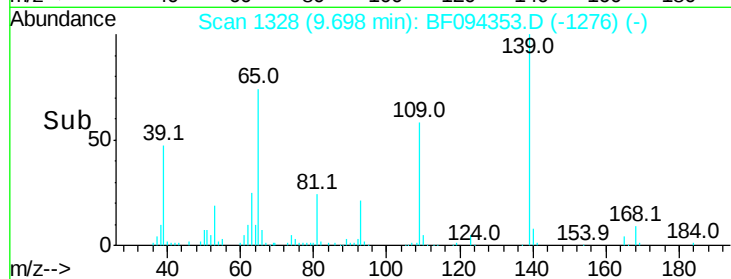
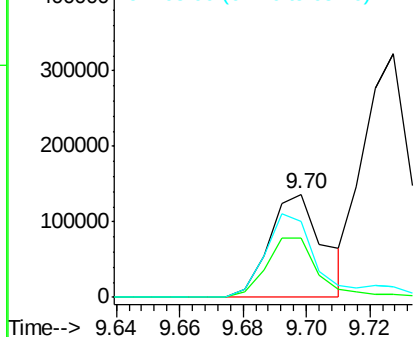
#55
4-Nitrophenol
Concen: 37.77 ng
RT: 9.70 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 162555
Ion Ratio Lower Upper
139 100
109 58.3 34.1 74.1
65 73.6 31.4 71.4#

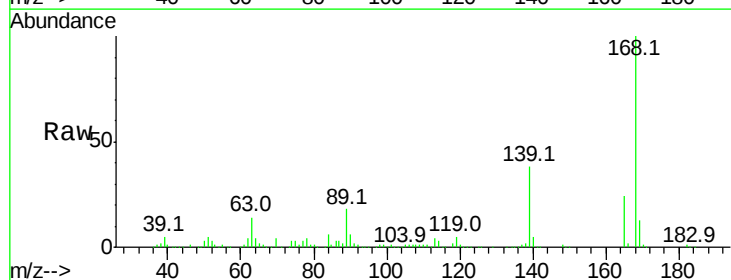


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

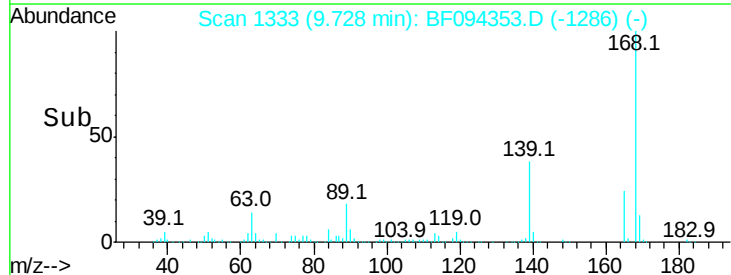
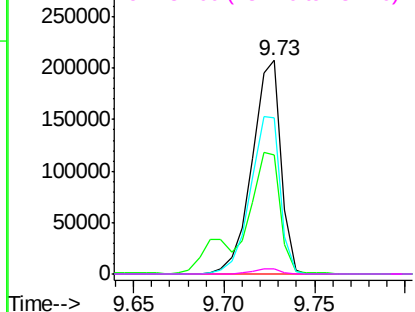


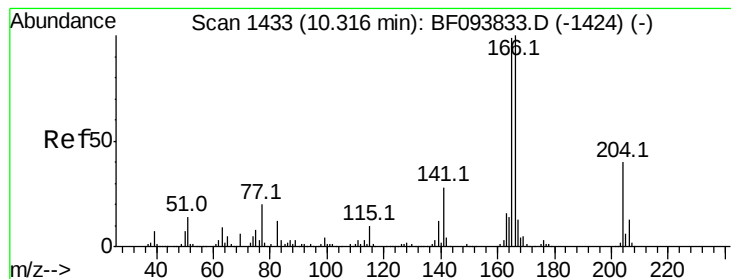
#56
2,4-Dinitrotoluene
Concen: 38.93 ng
RT: 9.73 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

Tgt Ion:165 Resp: 228853
Ion Ratio Lower Upper
165 100
63 55.6 25.4 38.0#
89 73.4 46.4 69.6#
182 2.4 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: 38.12 ng

RT: 10.15 min Scan# 1404

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampleId :

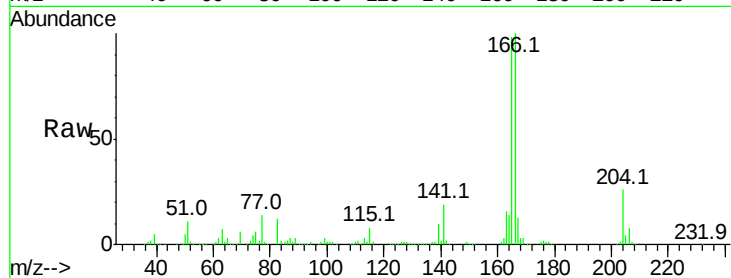
Tot Ion:166 Resp: 756870

Ion Ratio Lower Upper

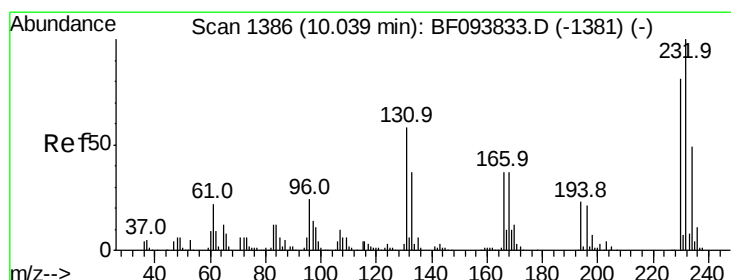
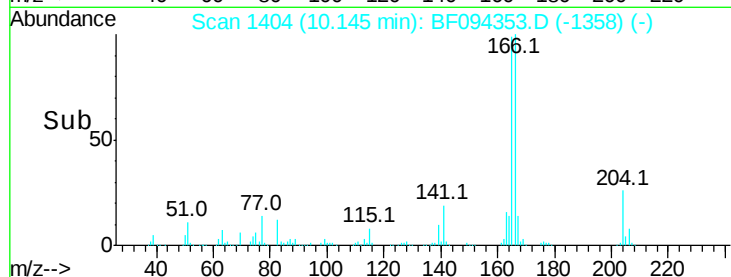
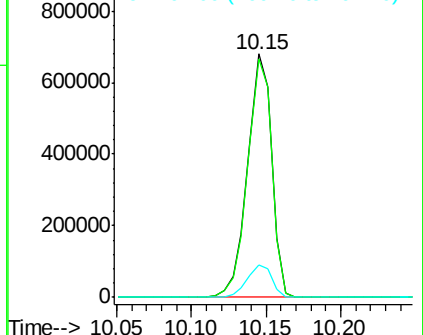
166 100

165 98.0 78.8 118.2

167 13.5 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.63 ng

RT: 9.89 min Scan# 1361

Delta R.T. -0.02 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Tgt Ion:232 Resp: 159423

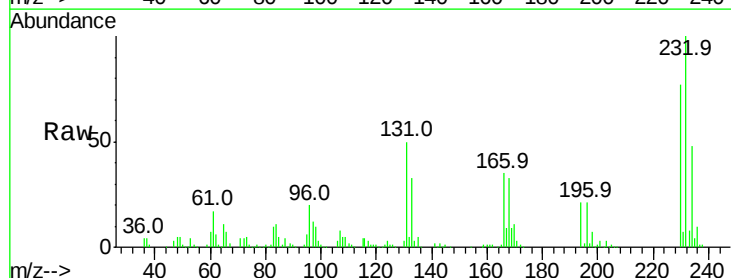
Ion Ratio Lower Upper

232 100

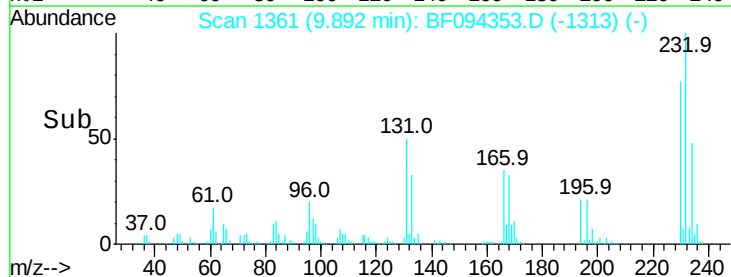
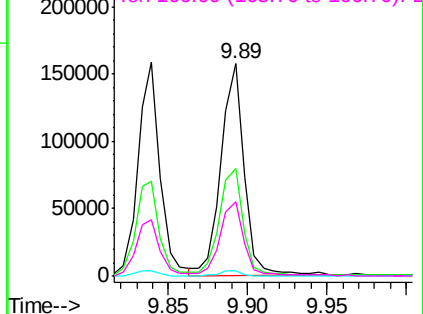
131 52.7 44.8 67.2

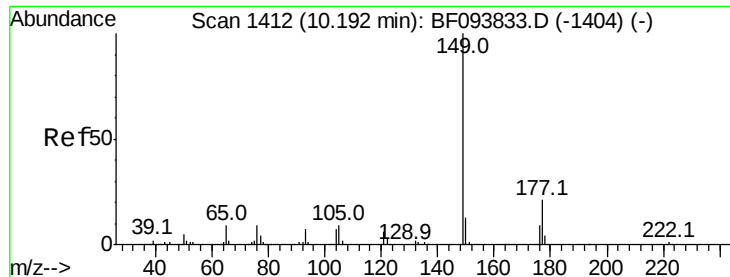
130 2.6 2.3 3.5

166 35.9 29.0 43.4



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

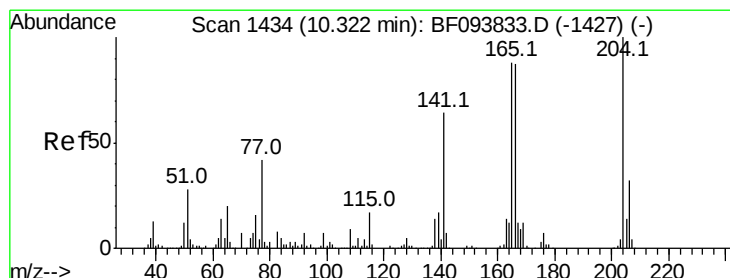
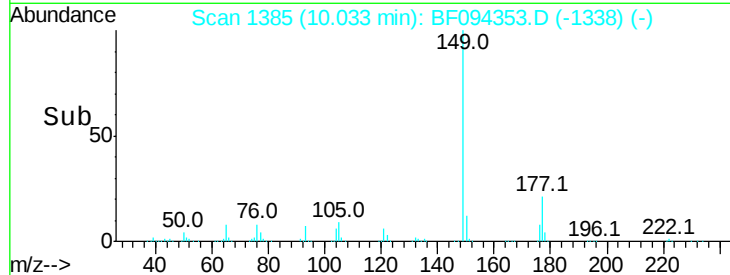
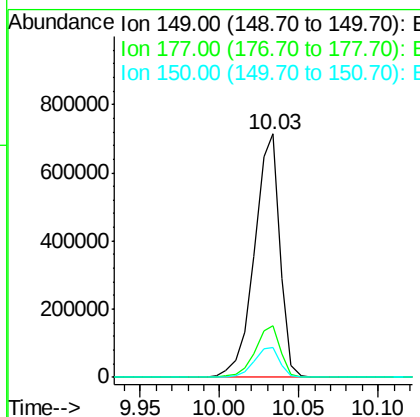
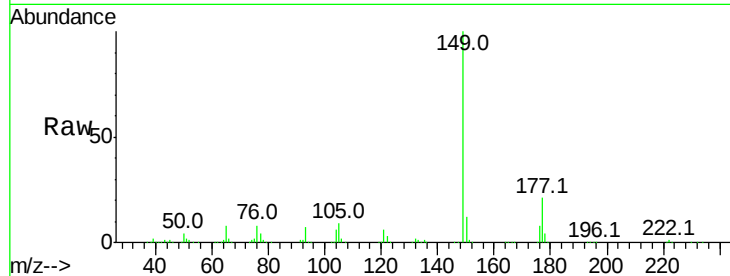




#59
Diethylphthalate
Concen: 39.45 ng
RT: 10.03 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

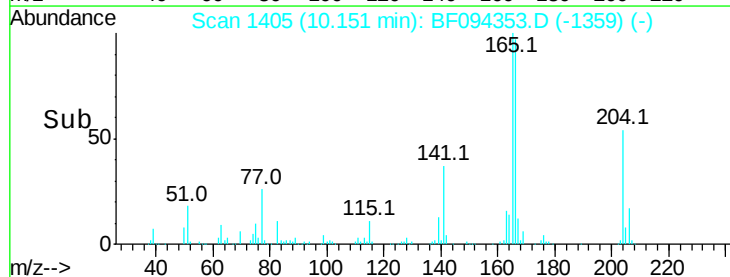
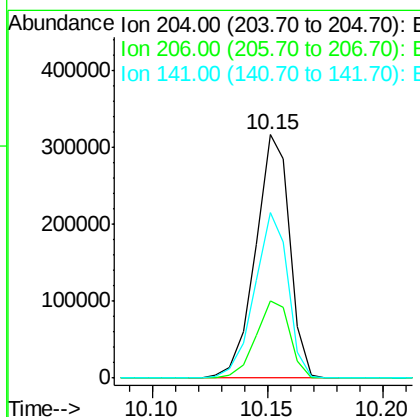
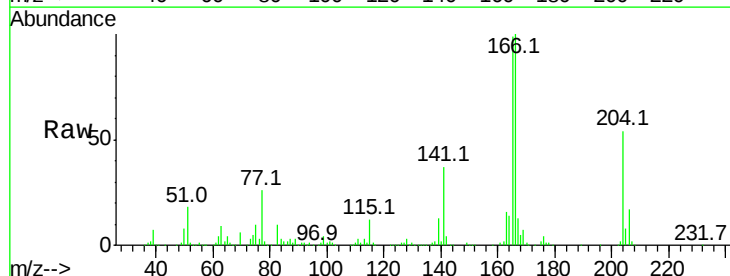
Instrument :
BNA_F
ClientSampleId :

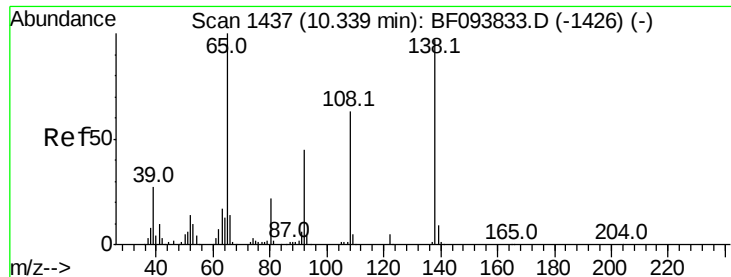
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	16.7	25.1
150	12.1	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.54 ng
RT: 10.15 min Scan# 1405
Delta R.T. -0.03 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.7	26.2	39.2
141	68.2	60.8	91.2

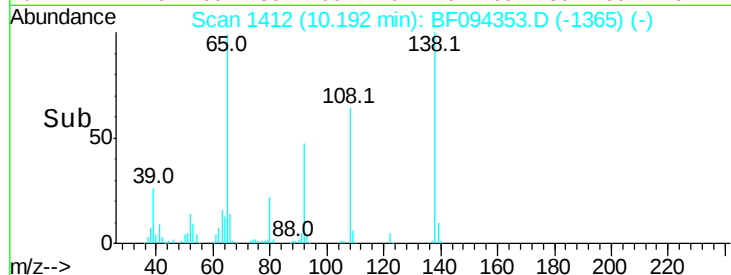
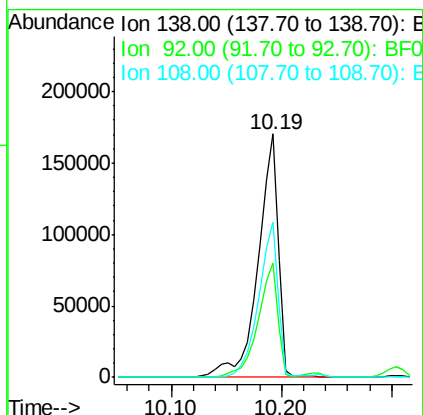
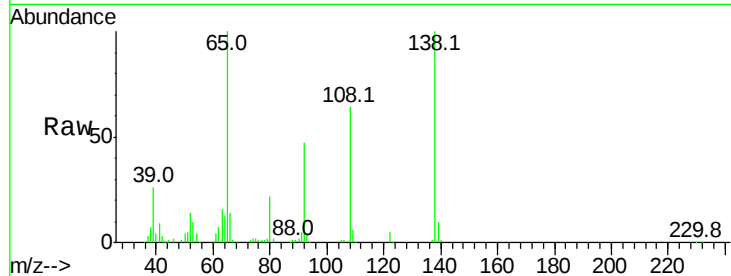




#61
4-Nitroaniline
Concen: 41.63 ng
RT: 10.19 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

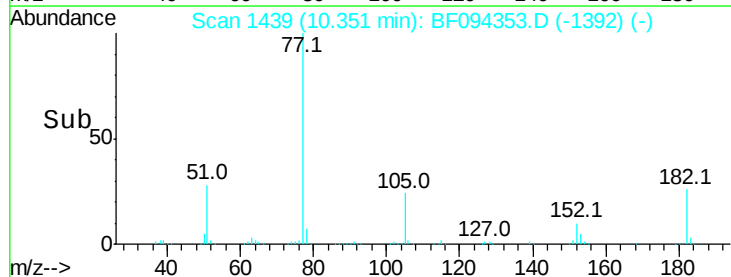
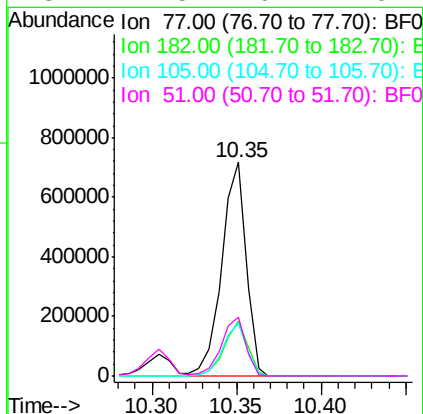
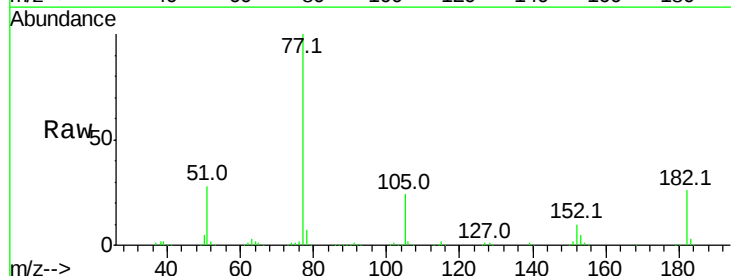
Instrument :
BNA_F
ClientSampleId :

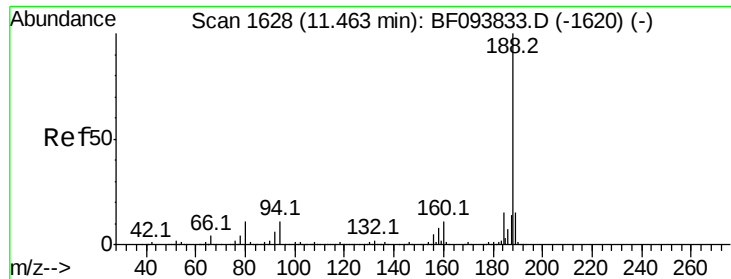
Tot Ion:138 Resp: 219539
Ion Ratio Lower Upper
138 100
92 47.1 21.8 61.8
108 63.8 42.3 82.3



#62
Azobenzene
Concen: 37.62 ng
RT: 10.35 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

Tgt Ion: 77 Resp: 718134
Ion Ratio Lower Upper
77 100
182 25.7 0.1 40.1
105 24.4 3.6 43.6
51 27.5 9.4 49.4

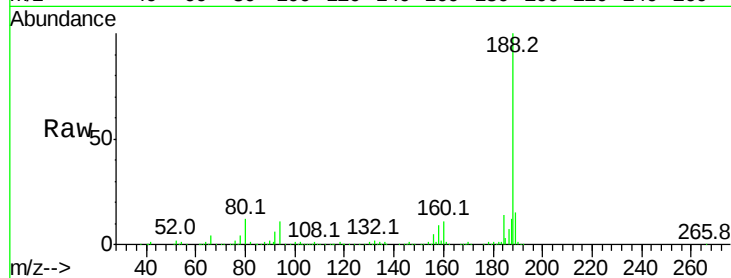




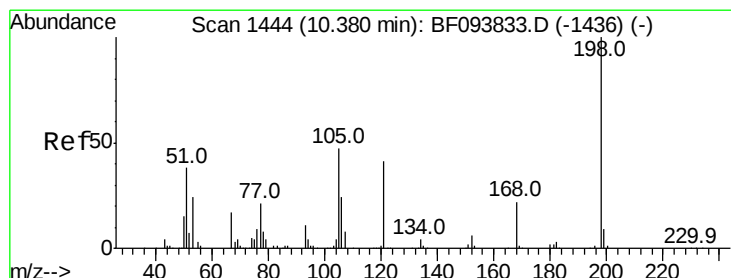
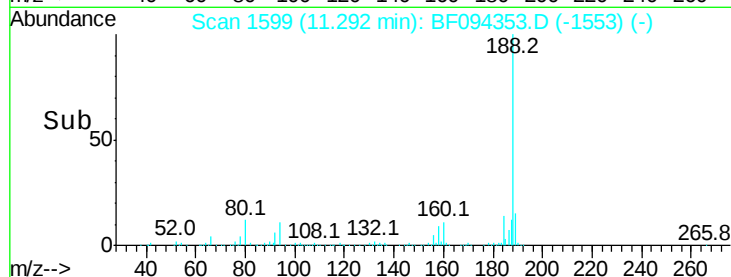
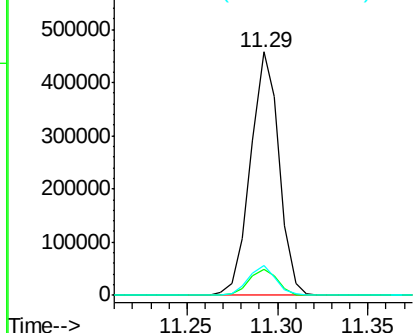
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1599
Delta R.T. -0.03 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 499560
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 12.4 10.2 15.2

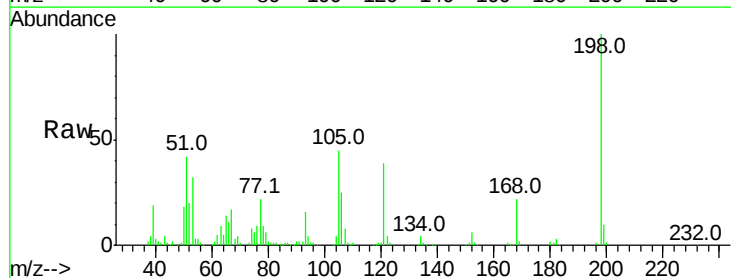


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

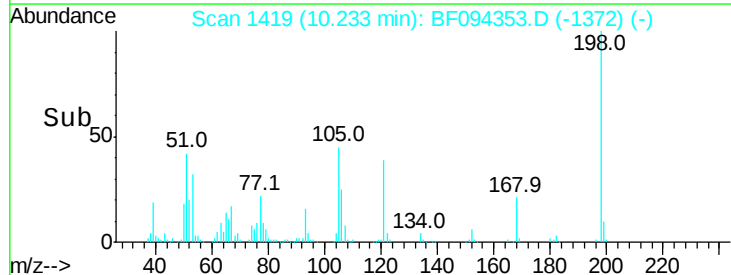
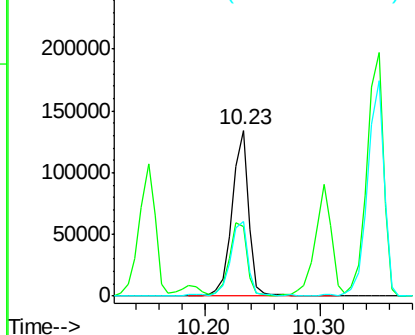


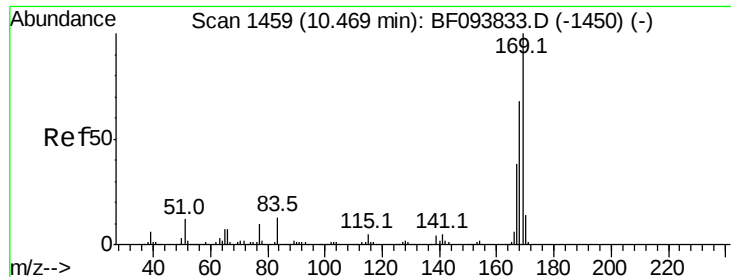
#64
4,6-Dinitro-2-methylphenol
Concen: 43.69 ng
RT: 10.23 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

Tgt Ion:198 Resp: 133652
Ion Ratio Lower Upper
198 100
51 41.7 53.2 93.2#
105 45.3 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: 39.20 ng

RT: 10.30 min Scan# 1431

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampleId :

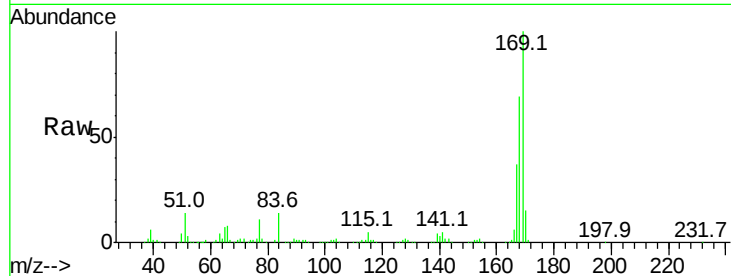
Tot Ion:169 Resp: 677234

Ion Ratio Lower Upper

169 100

168 68.6 53.2 79.8

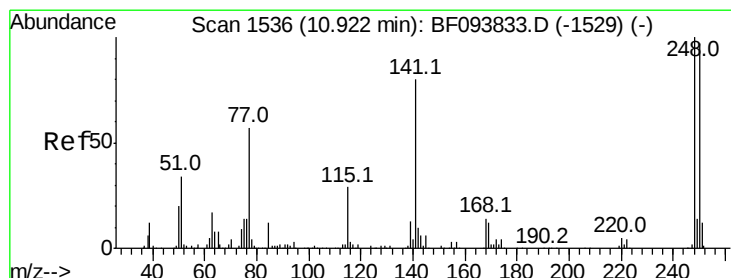
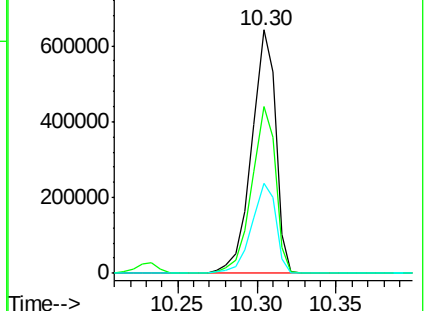
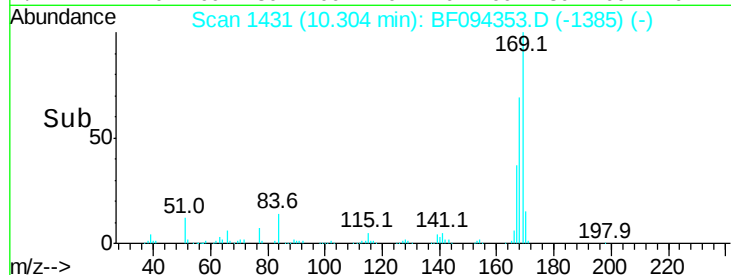
167 37.1 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.02 ng

RT: 10.75 min Scan# 1507

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

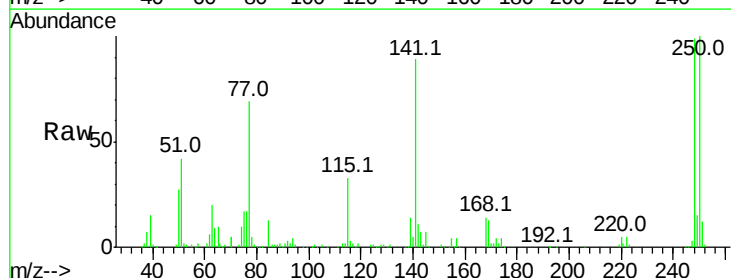
Tgt Ion:248 Resp: 196606

Ion Ratio Lower Upper

248 100

250 100.7 76.8 115.2

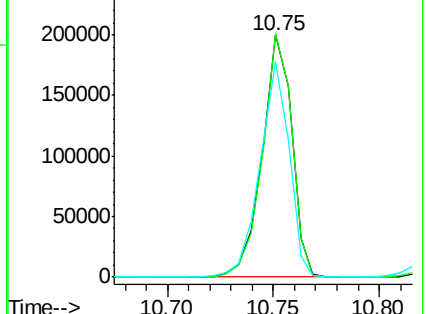
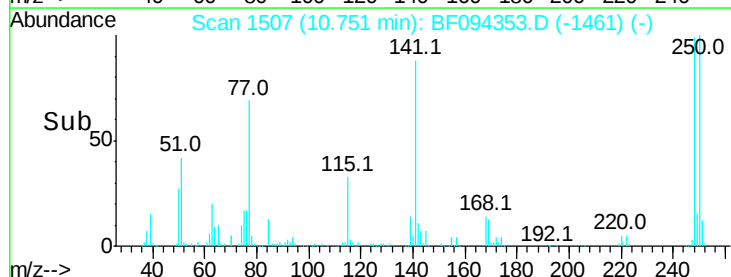
141 89.3 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

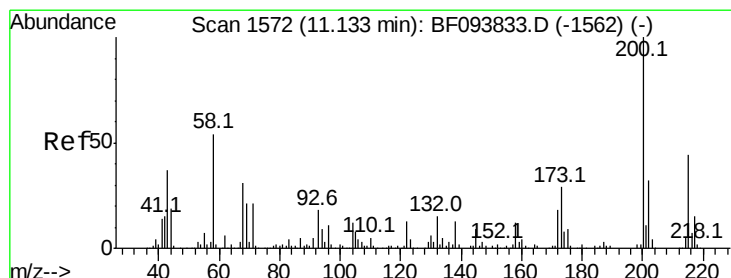
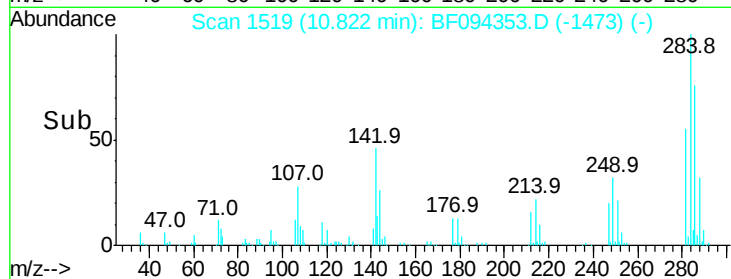
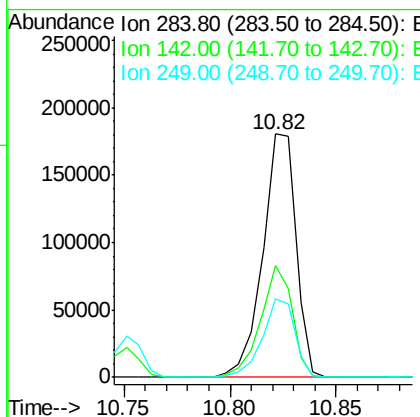
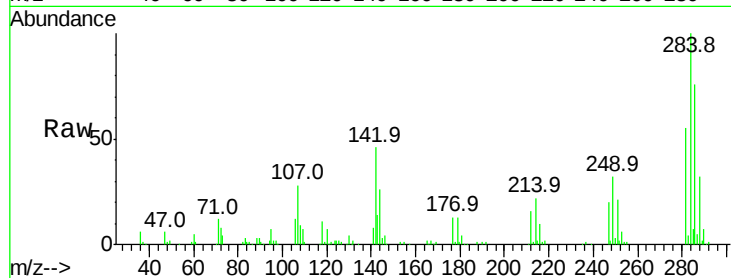




#67
Hexachlorobenzene
Concen: 39.81 ng
RT: 10.82 min Scan# 1519
Delta R.T. -0.03 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

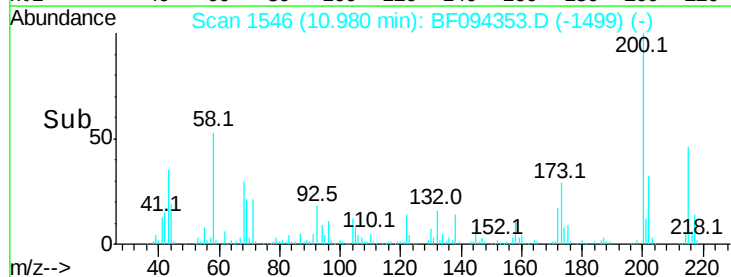
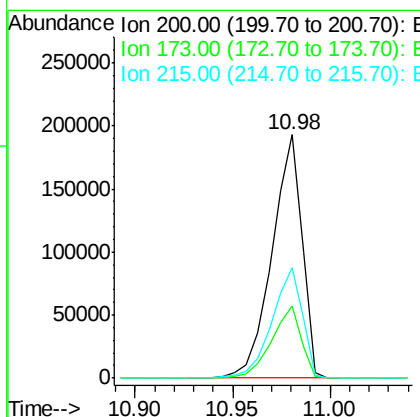
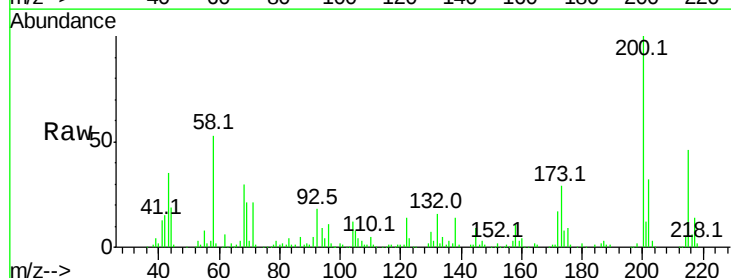
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	45.8	22.8	34.2#
249	32.1	24.0	36.0



#68
Atrazine
Concen: 39.71 ng
RT: 10.98 min Scan# 1546
Delta R.T. -0.02 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.4	6.3	46.3
215	45.5	27.2	67.2

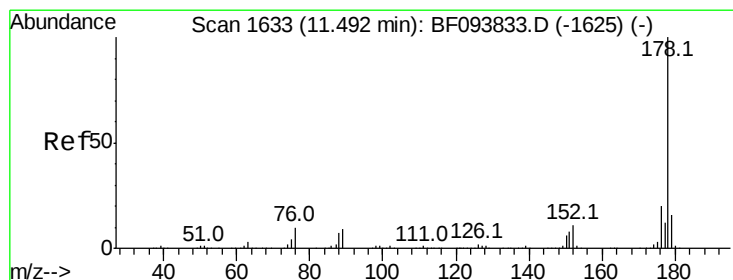
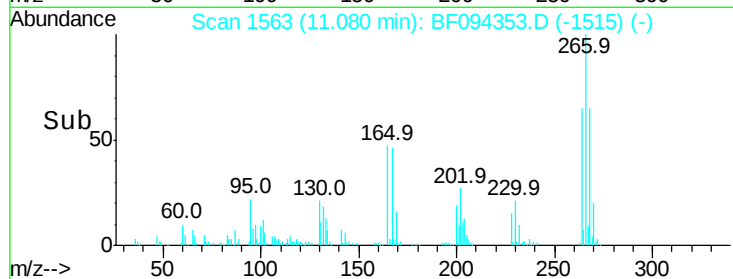
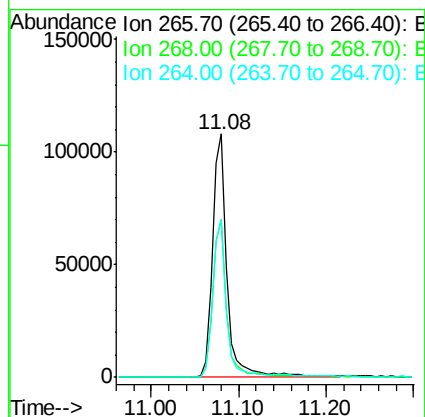
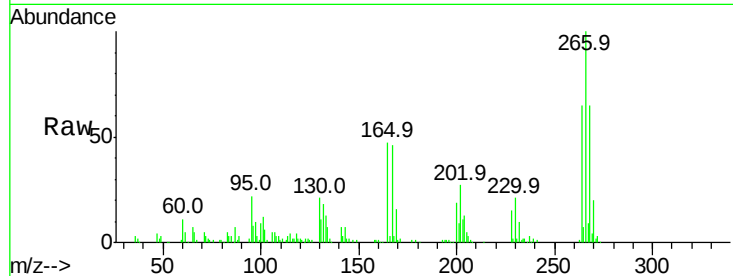




#69
 Pentachlorophenol
 Concen: 40.55 ng
 RT: 11.08 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

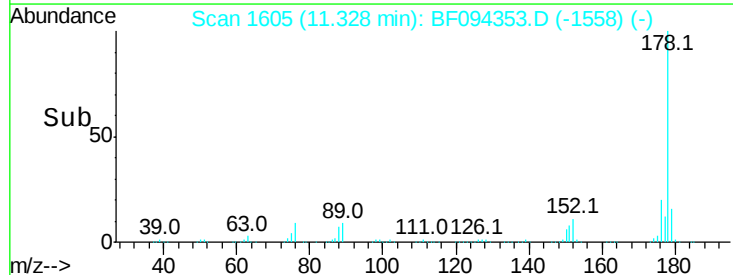
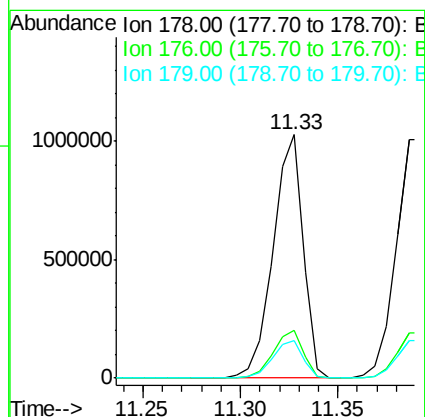
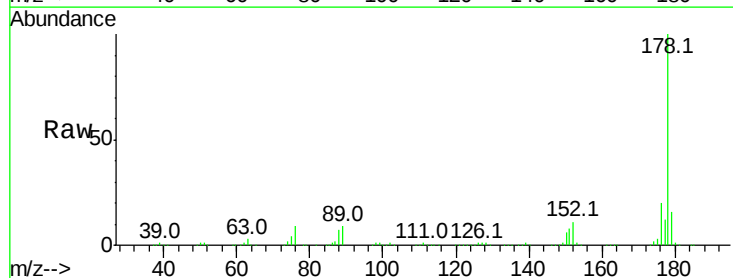
Instrument :
 BNA_F
 ClientSampleId :

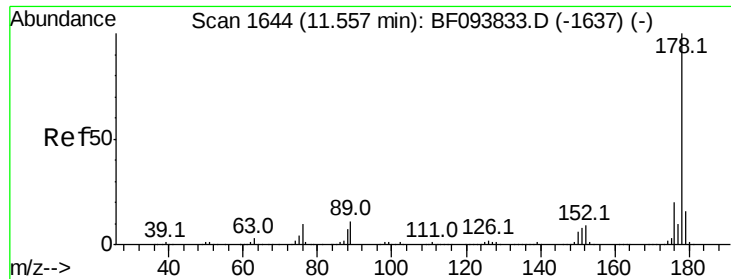
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	64.6	51.7	77.5



#70
 Phenanthrene
 Concen: 39.30 ng
 RT: 11.33 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.6	12.6	19.0

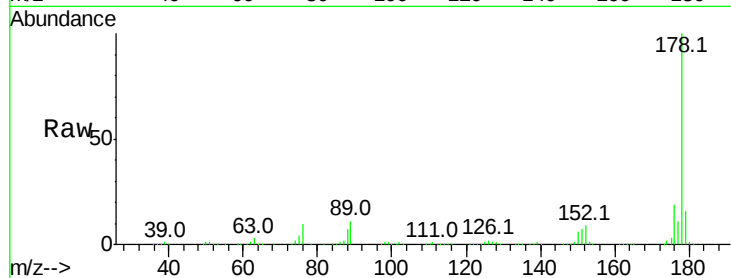




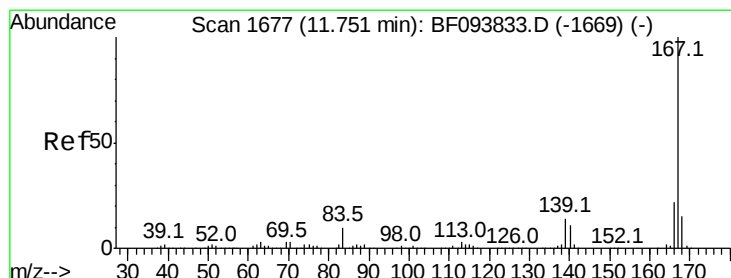
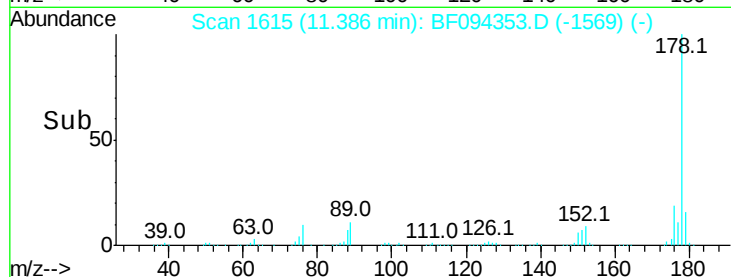
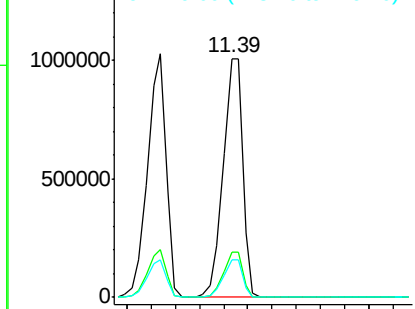
#71
 Anthracene
 Concen: 39.57 ng
 RT: 11.39 min Scan# 1615
 Delta R.T. -0.03 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1132332
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.9 12.7 19.1

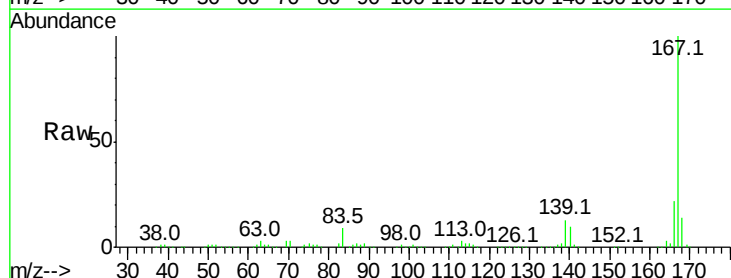


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

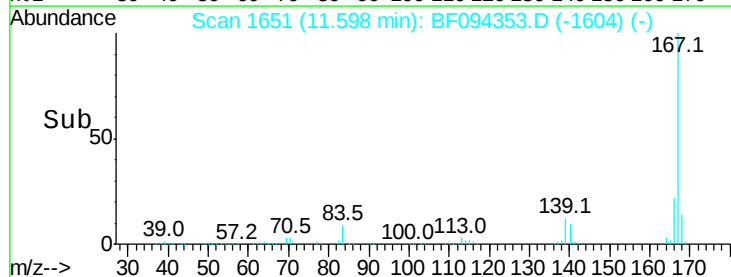
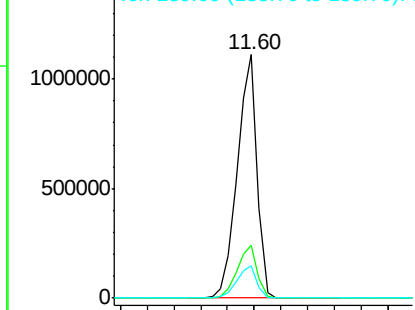


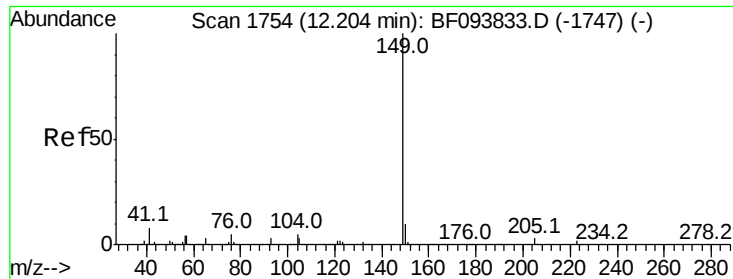
#72
 Carbazole
 Concen: 38.93 ng
 RT: 11.60 min Scan# 1651
 Delta R.T. -0.02 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Tgt Ion:167 Resp: 1142096
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.3 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: 40.21 ng

RT: 12.04 min Scan# 1726

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampleId :

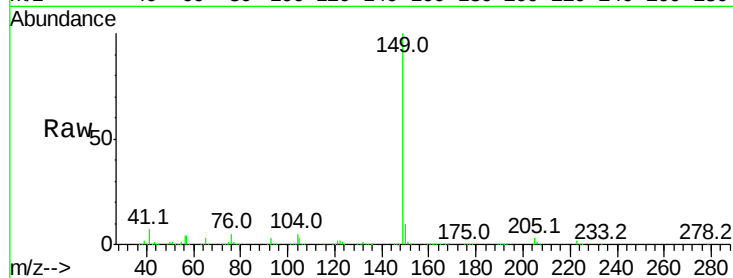
Tot Ion:149 Resp: 1226867

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

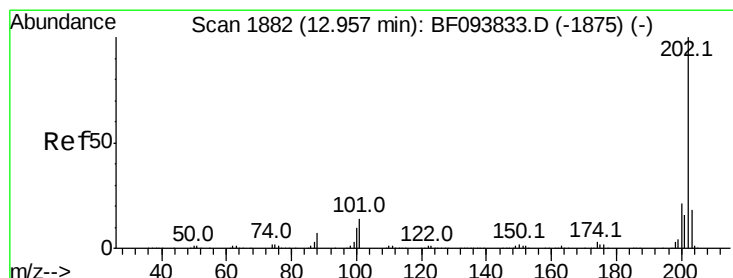
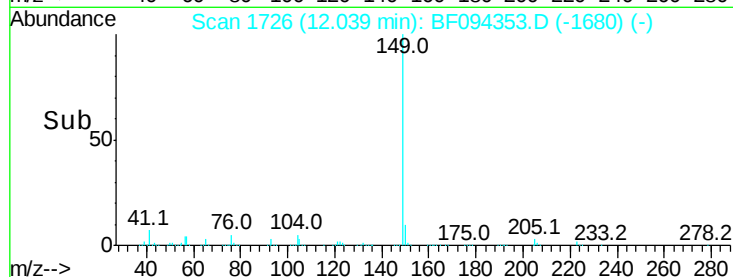
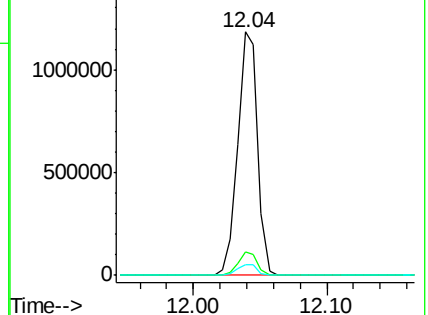
104 4.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.81 ng

RT: 12.79 min Scan# 1853

Delta R.T. -0.03 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

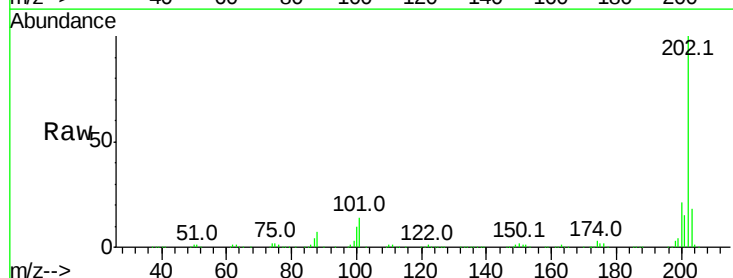
Tgt Ion:202 Resp: 1132863

Ion Ratio Lower Upper

202 100

101 14.0 0.0 33.2

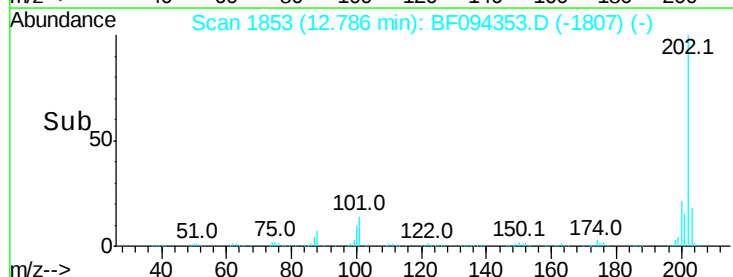
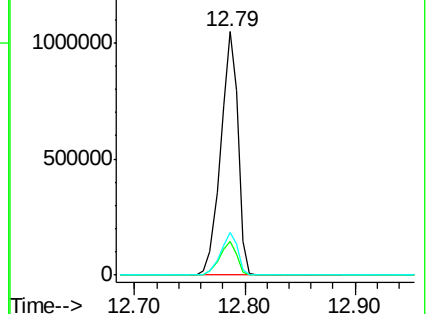
203 17.8 0.0 38.1

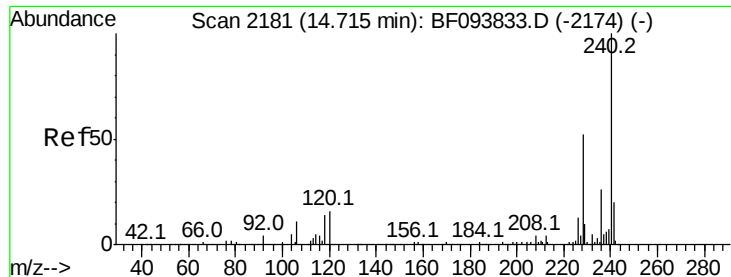


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.55 min Scan# 2153

Delta R.T. -0.02 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampleId :

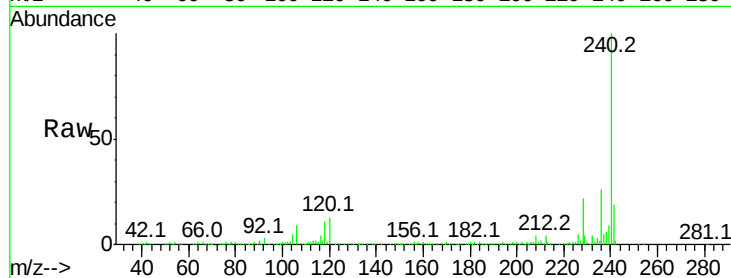
Tot Ion:240 Resp: 409989

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

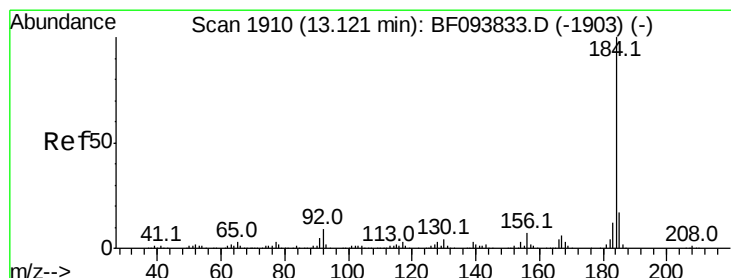
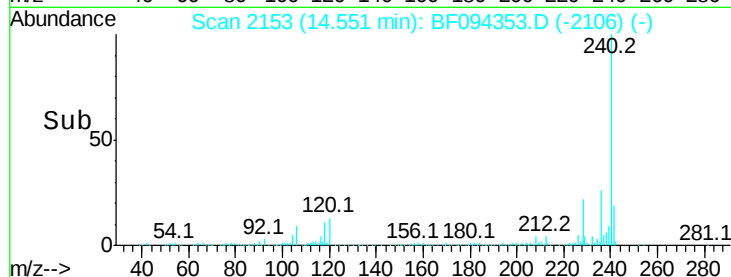
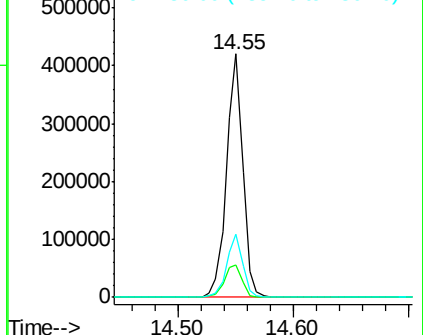
236 25.7 20.5 30.7



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: 36.02 ng

RT: 12.96 min Scan# 1882

Delta R.T. -0.02 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

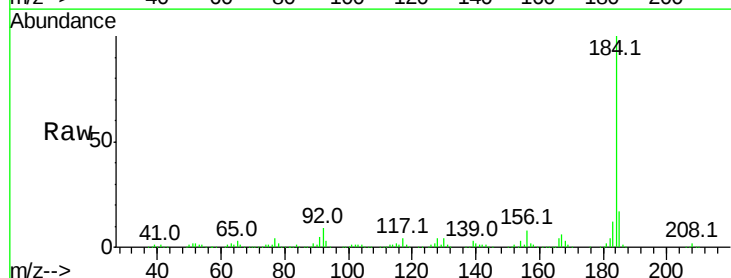
Tgt Ion:184 Resp: 584447

Ion Ratio Lower Upper

184 100

185 17.4 15.5 23.3

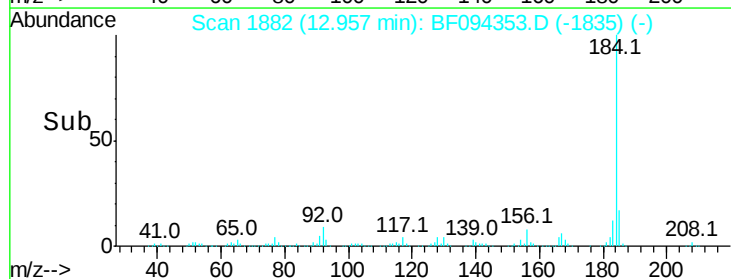
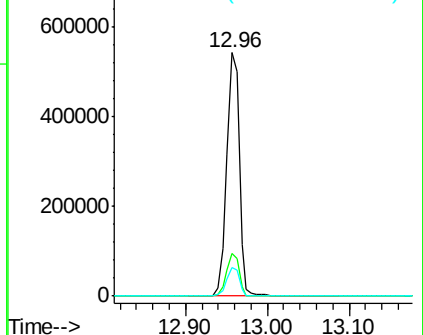
183 11.9 9.8 14.6



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

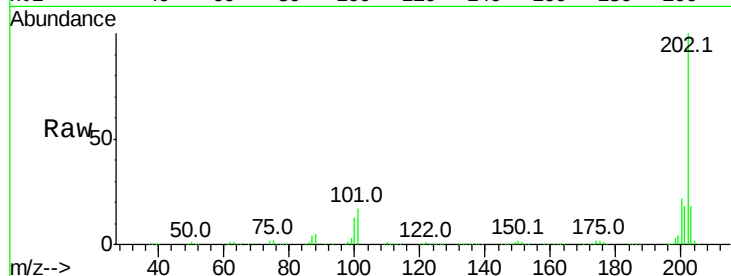




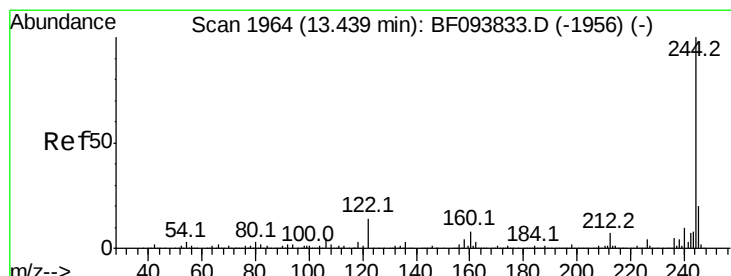
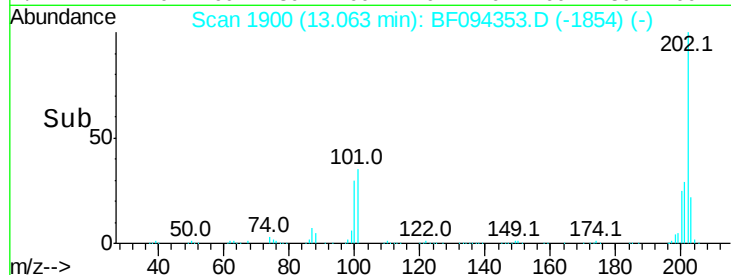
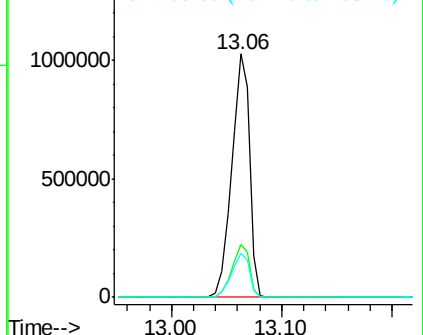
#77
 Pvrene
 Concen: 39.04 ng
 RT: 13.06 min Scan# 1900
 Delta R.T. -0.03 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:202 Resp: 1161734
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.6 26.4
 203 18.0 14.4 21.6

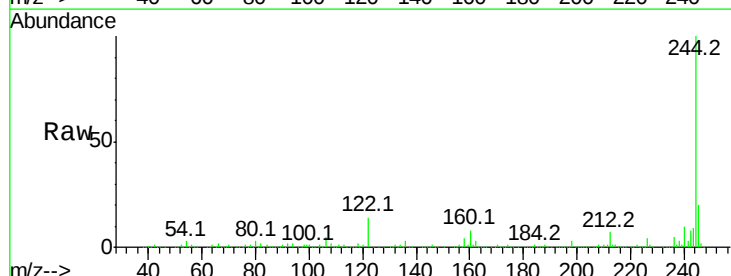


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

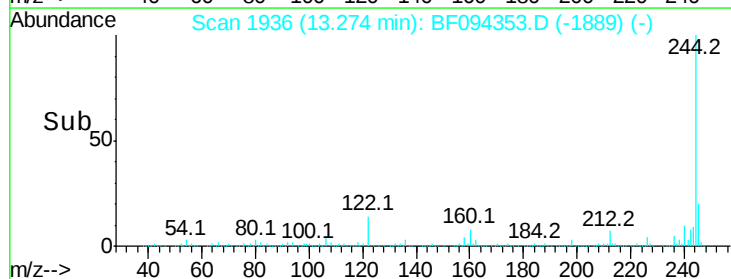
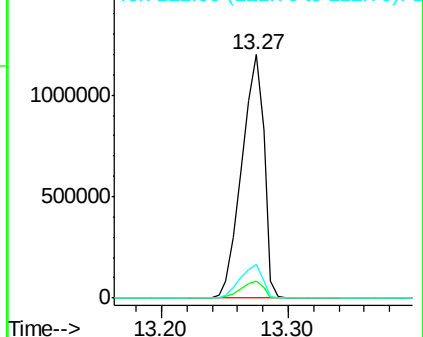


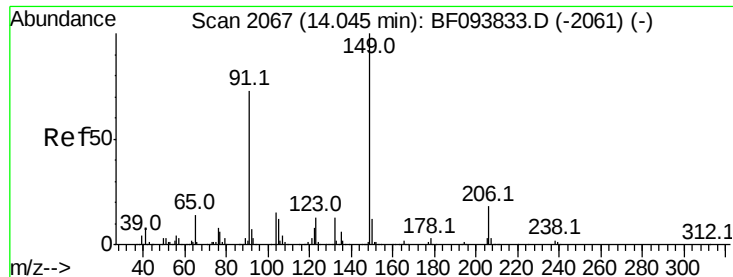
#78
 Terphenyl-d14
 Concen: 79.62 ng
 RT: 13.27 min Scan# 1936
 Delta R.T. -0.02 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Tgt Ion:244 Resp: 1456347
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.7 10.3 15.5



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

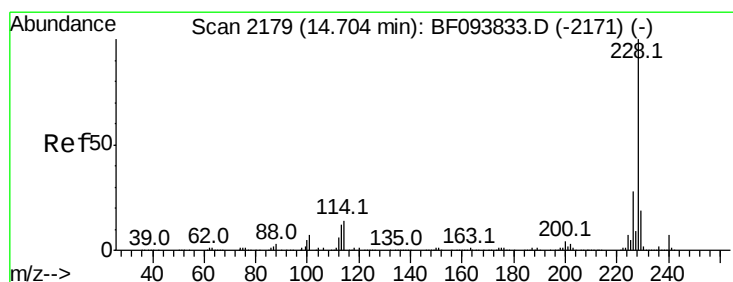
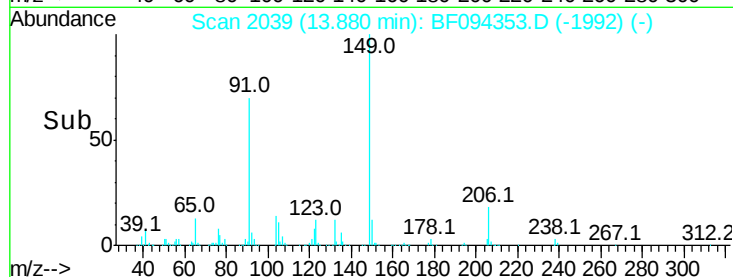
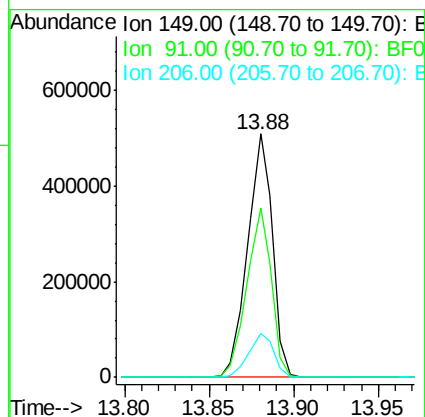
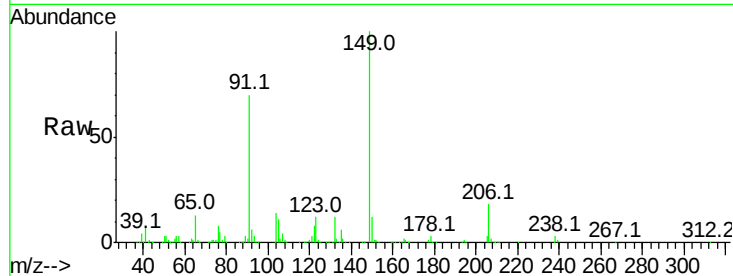




#79
Butylbenzylphthalate
Concen: 41.25 ng
RT: 13.88 min Scan# 2039
Delta R.T. -0.02 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

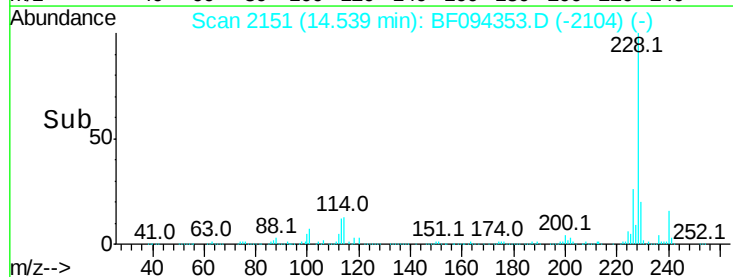
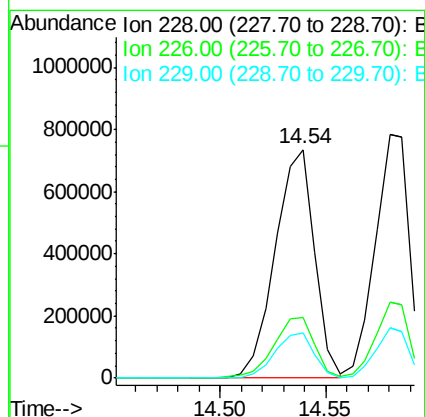
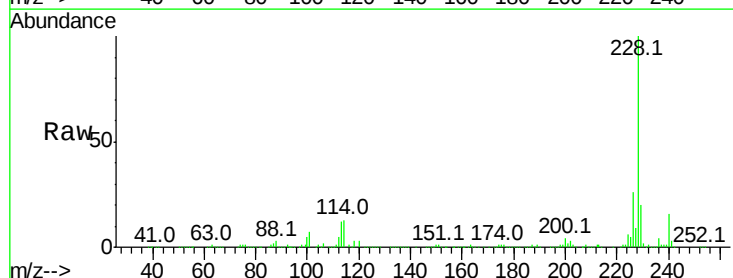
Instrument :
BNA_F
ClientSampleId :

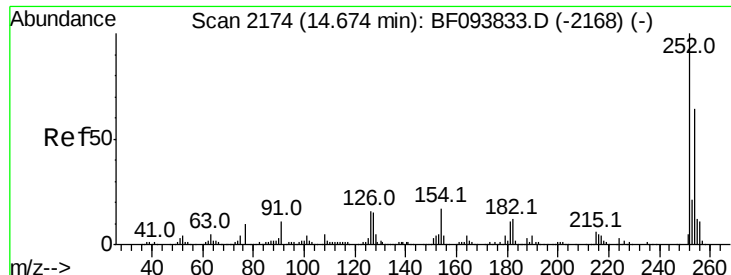
Tot Ion:149 Resp: 523017
Ion Ratio Lower Upper
149 100
91 69.6 45.0 67.4#
206 18.2 17.0 25.6



#80
Benzo(a)anthracene
Concen: 39.97 ng
RT: 14.54 min Scan# 2151
Delta R.T. -0.02 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

Tgt Ion:228 Resp: 955673
Ion Ratio Lower Upper
228 100
226 26.4 22.6 33.8
229 19.6 16.3 24.5

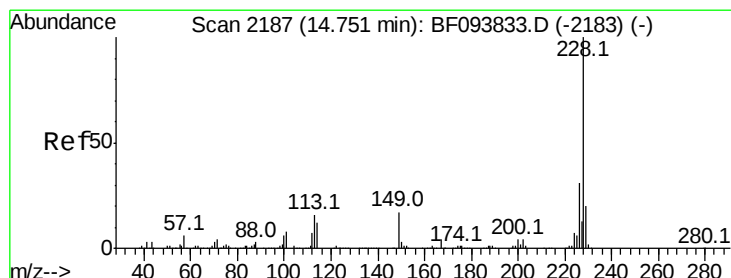
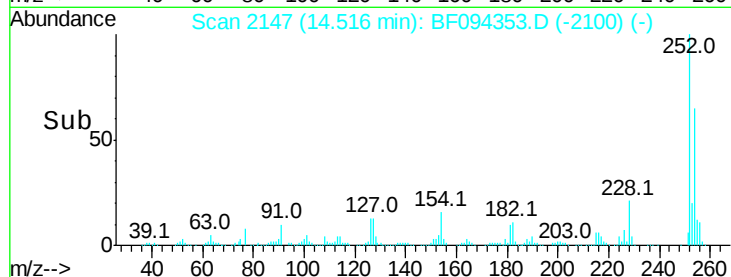
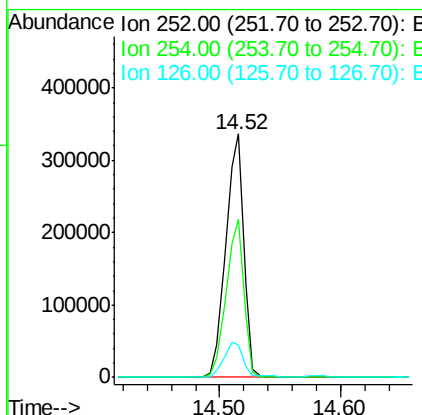
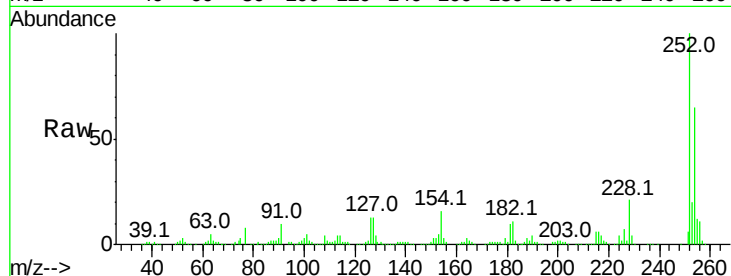




#81
 3,3'-Dichlorobenzidine
 Concen: 40.59 ng
 RT: 14.52 min Scan# 2147
 Delta R.T. -0.02 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

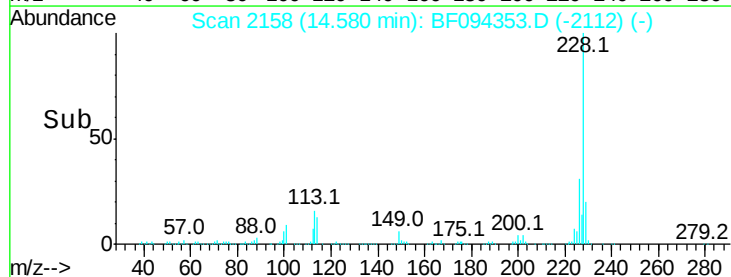
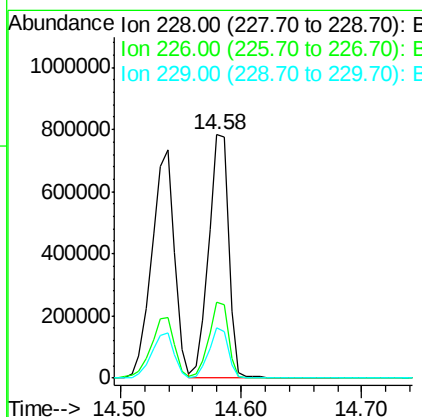
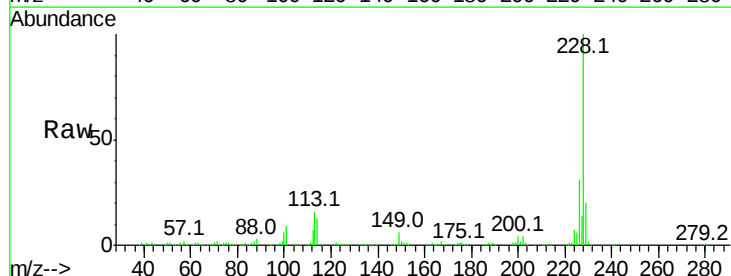
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 346854
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.5 77.3
 126 13.4 15.8 23.8#



#82
 Chrysene
 Concen: 40.03 ng
 RT: 14.58 min Scan# 2158
 Delta R.T. -0.03 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Tgt Ion:228 Resp: 888014
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 20.5 15.8 23.6

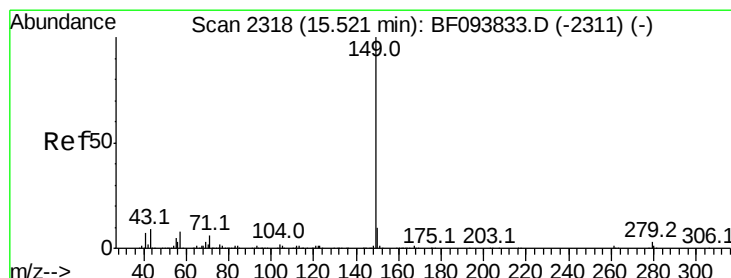
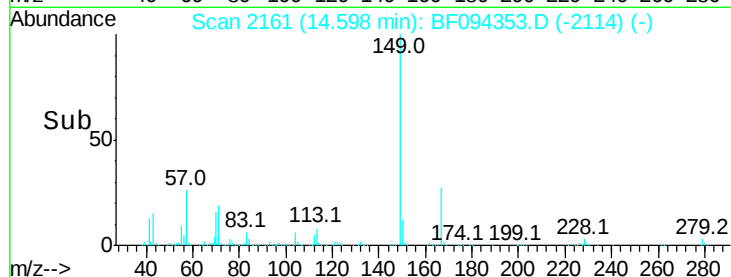
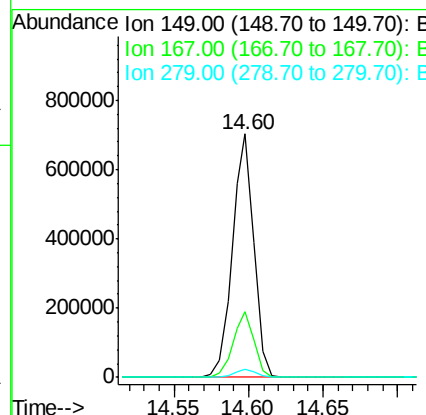
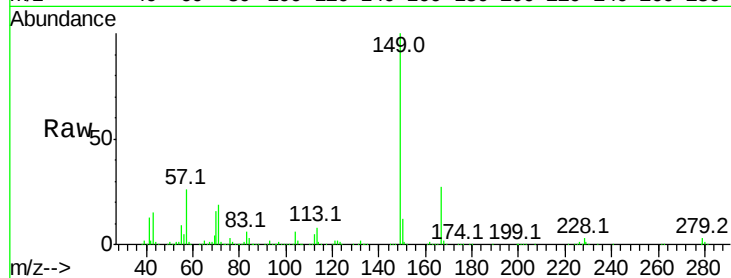




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.19 ng
 RT: 14.60 min Scan# 2161
 Delta R.T. -0.02 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

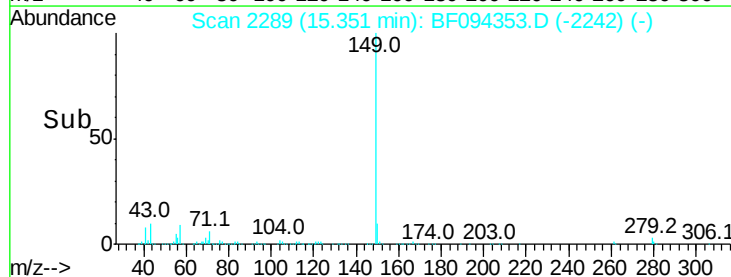
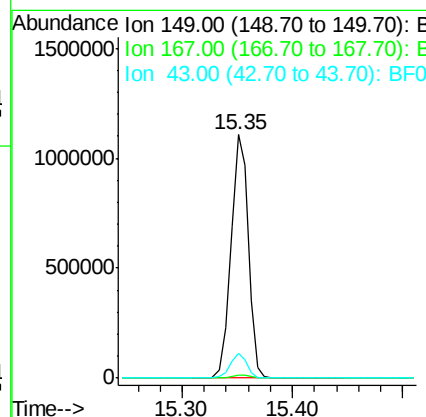
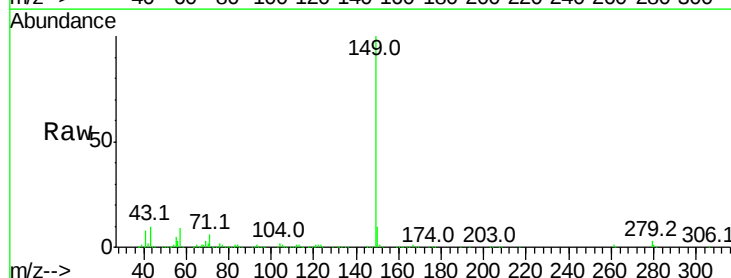
Instrument :
 BNA_F
 ClientSampleId :

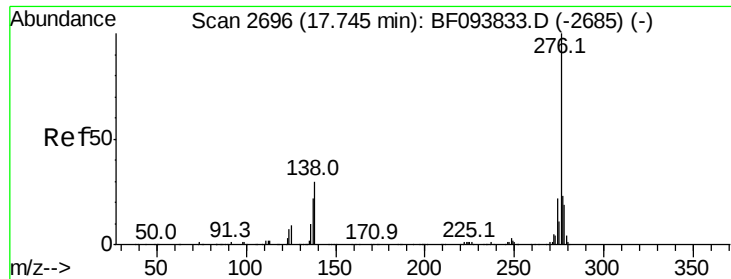
Tot Ion:149 Resp: 712474
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.0 31.4
 279 3.2 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 42.16 ng
 RT: 15.35 min Scan# 2289
 Delta R.T. -0.02 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Tgt Ion:149 Resp: 1218229
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.6 8.5 12.7

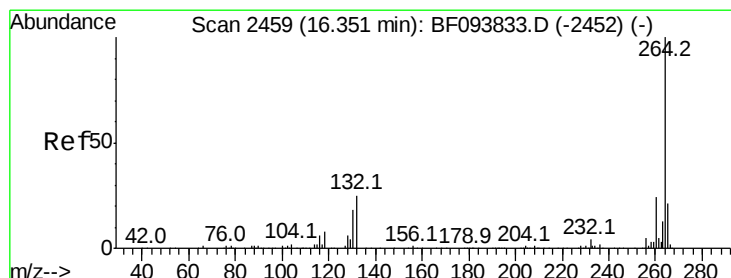
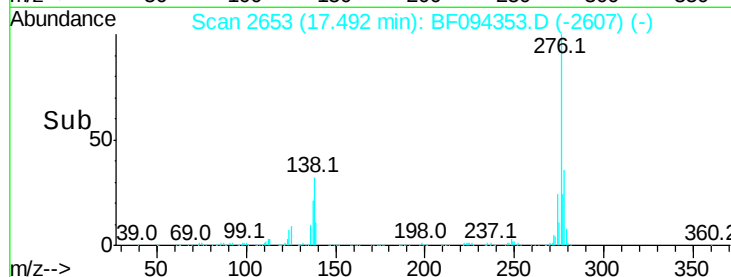
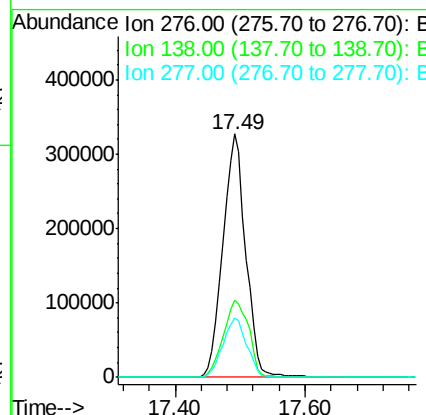
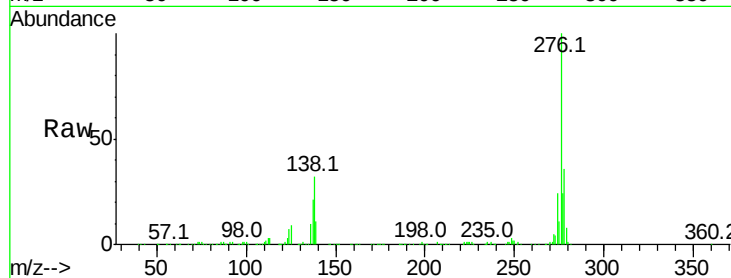




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.37 ng
 RT: 17.49 min Scan# 2653
 Delta R.T. -0.03 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

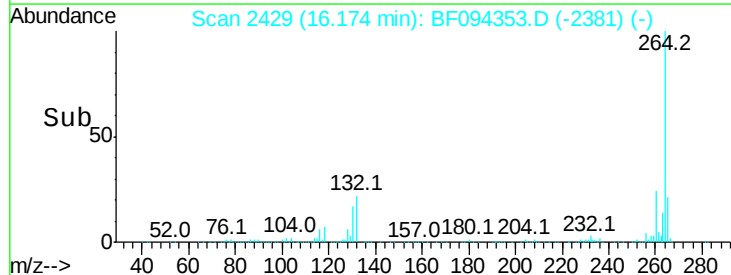
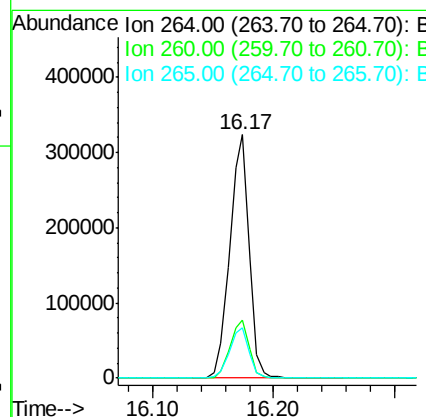
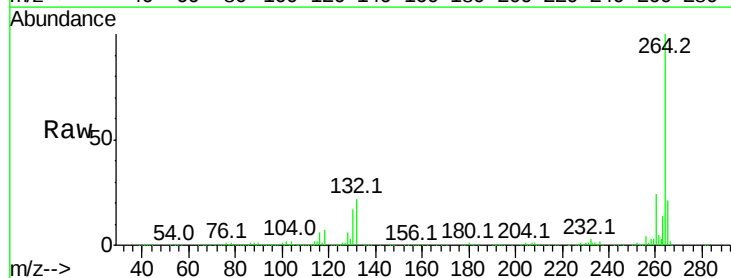
Instrument :
 BNA_F
 ClientSampleId :

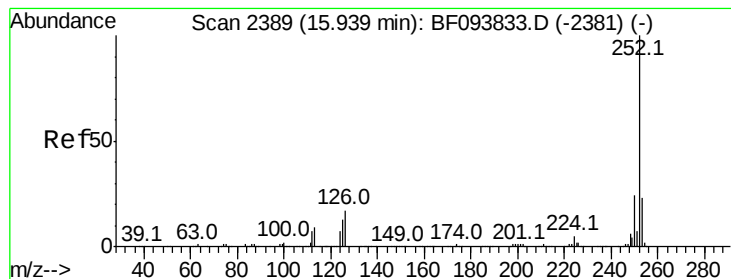
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	25.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.17 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BF094353.D
 Acq: 11 Apr 2017 16:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 40.40 ng

RT: 15.77 min Scan# 2361

Delta R.T. -0.02 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampleId :

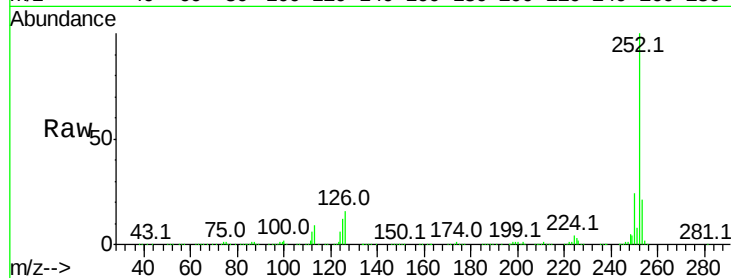
Tot Ion:252 Resp: 883268

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

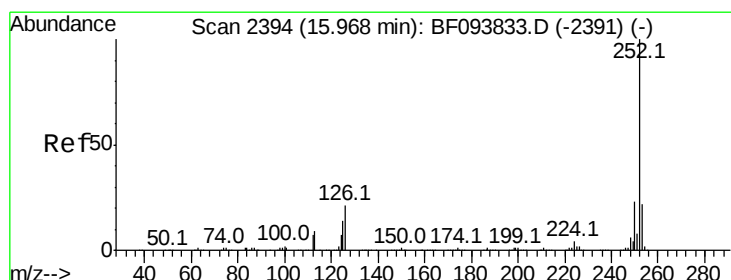
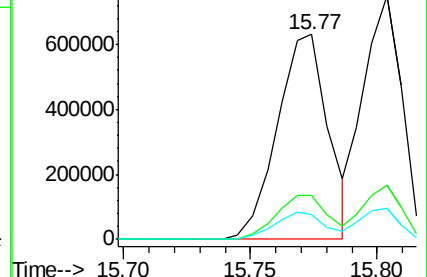
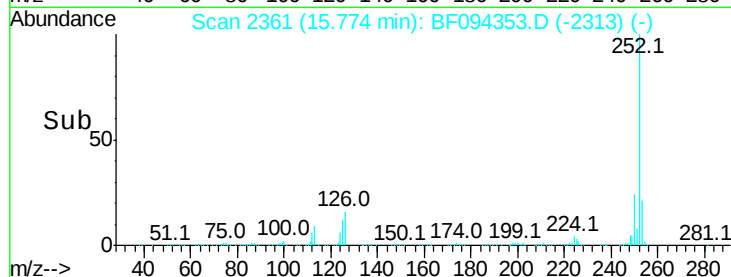
125 12.3 9.8 14.8



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: 37.90 ng

RT: 15.80 min Scan# 2366

Delta R.T. -0.02 min

Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

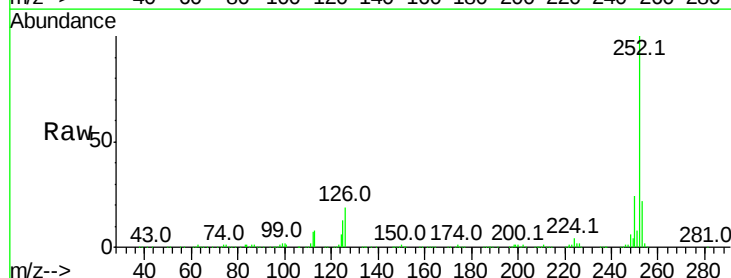
Tgt Ion:252 Resp: 810694

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

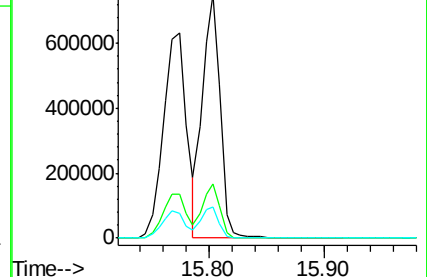
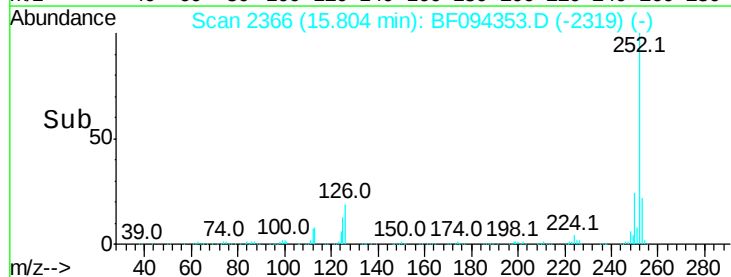
125 12.8 13.1 19.7#

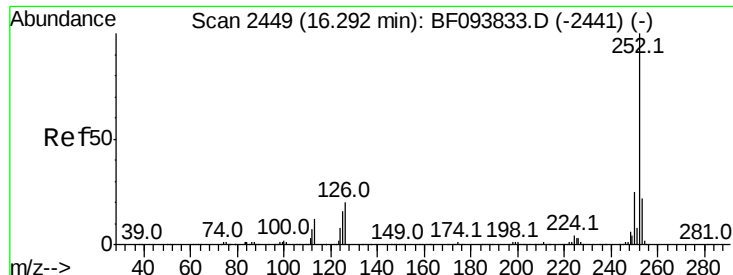


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

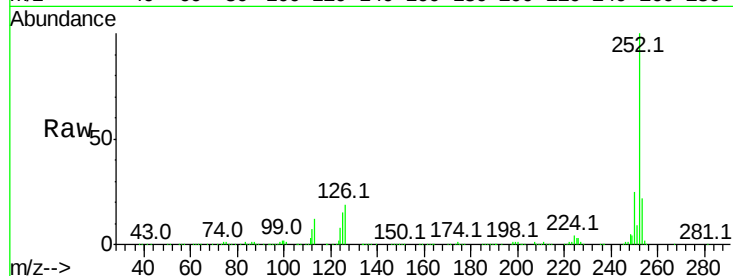




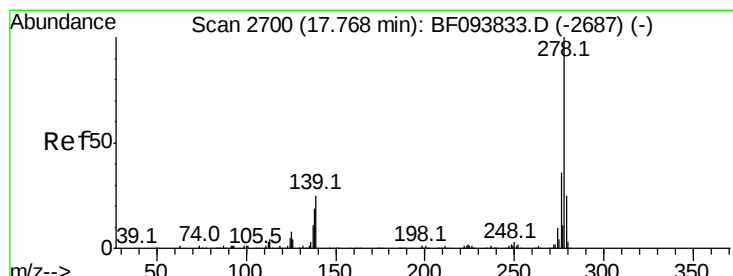
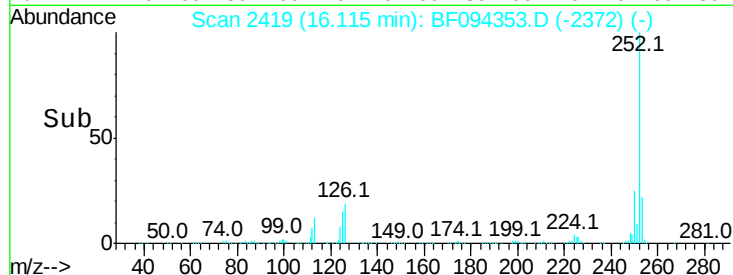
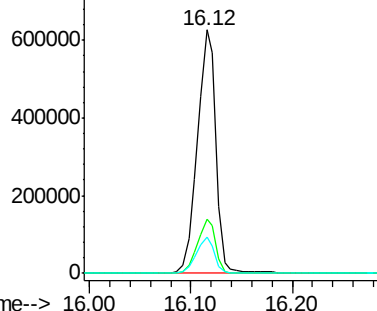
#89
Benzo(a)pyrene
Concen: 39.51 ng
RT: 16.12 min Scan# 2419
Delta R.T. -0.02 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 795454
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 15.0 11.0 16.4

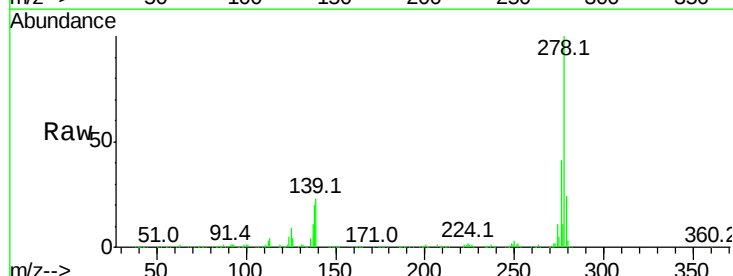


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

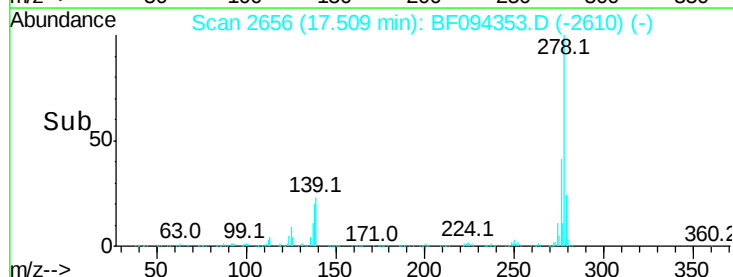
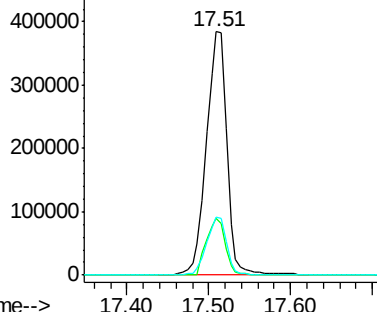


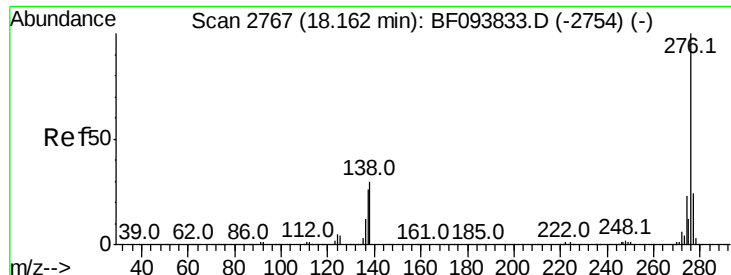
#90
Dibenzo(a,h)anthracene
Concen: 39.48 ng
RT: 17.51 min Scan# 2656
Delta R.T. -0.03 min
Lab File: BF094353.D
Acq: 11 Apr 2017 16:25

Tgt Ion:278 Resp: 673111
Ion Ratio Lower Upper
278 100
139 23.1 16.6 24.8
279 23.9 19.3 28.9



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





#91

Benzo(a,h,i)perylene

Concen: 38.99 ng

RT: 17.88 min Scan# 2719

Delta R.T. -0.03 min

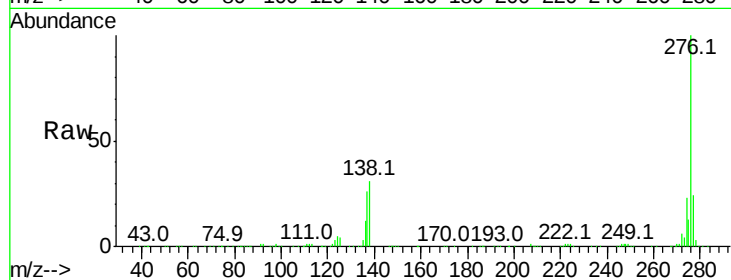
Lab File: BF094353.D

Acq: 11 Apr 2017 16:25

Instrument :

BNA_F

ClientSampleId :



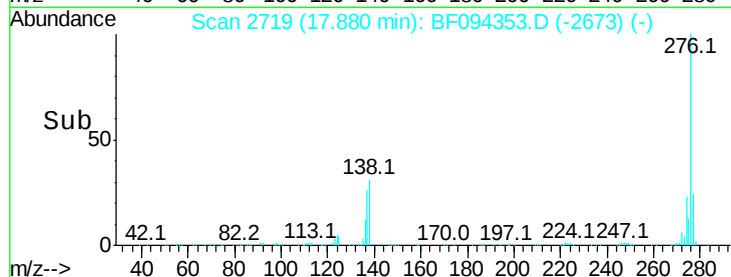
Tot Ion:276 Resp: 669978

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 31.2 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

