

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094237.D
 Acq On : 6 Apr 2017 19:22
 Operator : SJ/MA
 Sample : I2534-13MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Quant Time: Apr 07 01:04:01 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	5.85	152	167169	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	700624	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	325652	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	577069	20.00	ng	0.00
75) Chrysene-d12	14.57	240	387504	20.00	ng	0.00
86) Perylene-d12	16.19	264	286048	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.40	112	1386599	140.10	ng	0.01
7) Phenol-d6	5.47	99	1793067	146.44	ng	0.00
23) Nitrobenzene-d5	6.51	82	1116216	90.92	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	389126	151.21	ng	0.00
44) 2-Fluorobiphenyl	8.69	172	1958519	91.73	ng	0.00
78) Terphenyl-d14	13.30	244	1578843	91.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	189118	39.77	ng	97
3) Pyridine	2.73	79	517528	39.93	ng	97
4) n-Nitrosodimethylamine	2.69	42	261353	49.01	ng	91
6) Aniline	5.48	93	298070	17.50	ng	# 1
8) 2-Chlorophenol	5.62	128	559539	51.43	ng	97
9) Benzaldehyde	5.35	77	278392	33.67	ng	99
10) Phenol	5.49	94	682529	48.99	ng	96
11) bis(2-Chloroethyl)ether	5.56	93	529756	48.65	ng	99
12) 1,3-Dichlorobenzene	5.79	146	579105	47.46	ng	98
13) 1,4-Dichlorobenzene	5.87	146	585709	47.39	ng	98
14) 1,2-Dichlorobenzene	6.05	146	547989	48.14	ng	95
15) Benzyl Alcohol	6.03	79	460644	51.40	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.19	45	740293	44.12	ng	97
17) 2-Methylphenol	6.17	107	477475	51.25	ng	97
18) Hexachloroethane	6.44	117	206734	47.59	ng	# 82
19) n-Nitroso-di-n-propylamine	6.35	70	391670	49.77	ng	97
20) 3+4-Methylphenols	6.35	107	611081	54.15	ng	# 63
22) Acetophenone	6.33	105	798242	51.12	ng	# 87
24) Nitrobenzene	6.53	77	582952	48.15	ng	96
25) Isophorone	6.82	82	1073632	49.77	ng	97
26) 2-Nitrophenol	6.90	139	328379	56.87	ng	99
27) 2,4-Dimethylphenol	6.97	122	478449	48.09	ng	99
28) bis(2-Chloroethoxy)methane	7.08	93	689023	48.43	ng	99
29) 2,4-Dichlorophenol	7.20	162	500264	53.78	ng	98
30) 1,2,4-Trichlorobenzene	7.29	180	468367	48.88	ng	99
31) Naphthalene	7.39	128	1591386	47.24	ng	99
32) Benzoic acid	7.10	122	122946	18.56	ng	98
33) 4-Chloroaniline	7.45	127	153901	11.27	ng	# 92
34) Hexachlorobutadiene	7.54	225	225655	45.93	ng	97
35) Caprolactam	7.90	113	89368	30.12	ng	92
36) 4-Chloro-3-methylphenol	8.07	107	541093	55.67	ng	88
37) 2-Methylnaphthalene	8.23	142	1114121	49.61	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.43	216	403231	45.26	ng	99
40) Hexachlorocyclopentadiene	8.42	237	302548	72.57	ng	97

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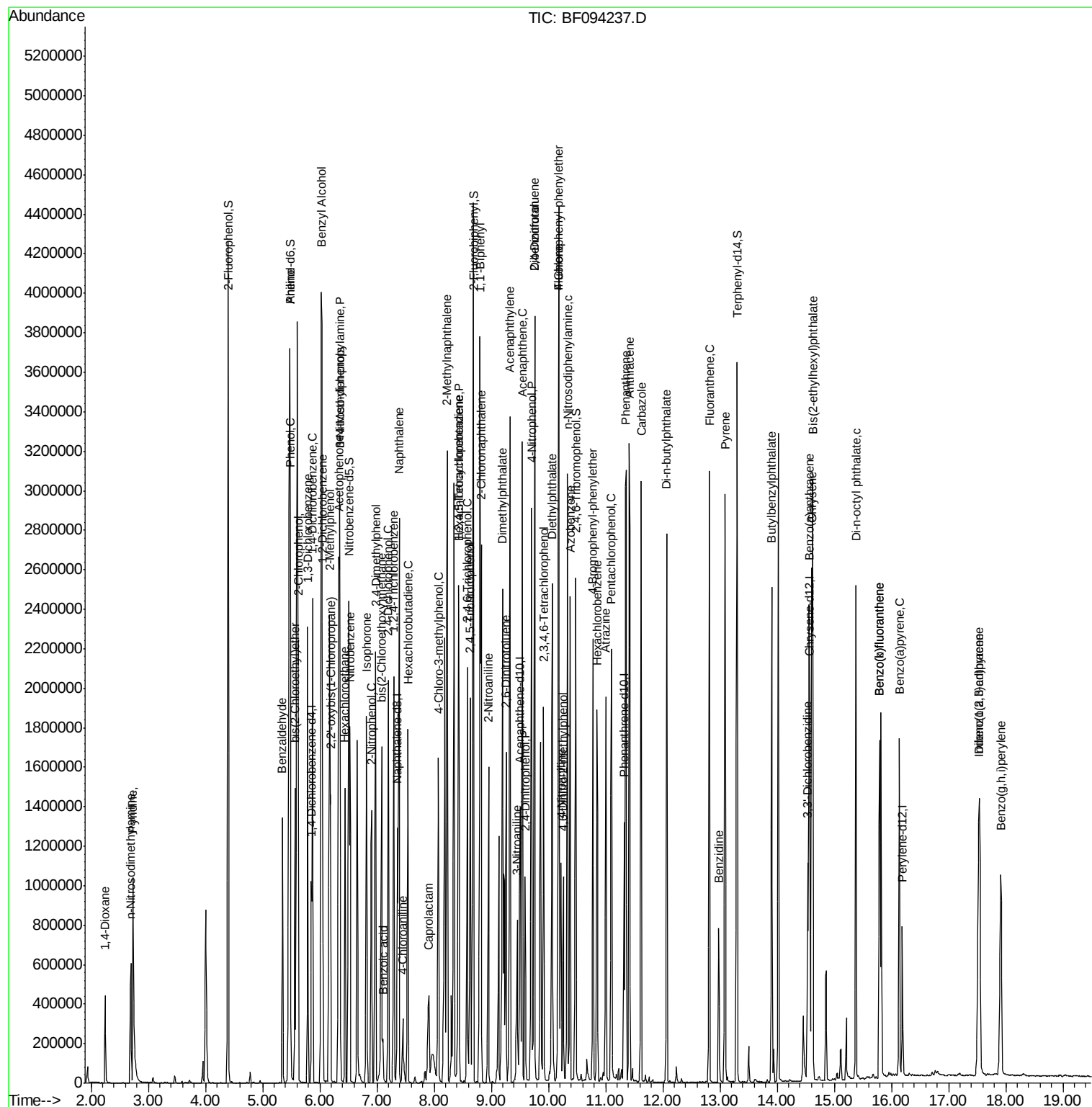
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	335551	53.24	nq	99
43) 2,4,5-Trichlorophenol	8.63	196	347436	50.94	nq	95
45) 1,1'-Biphenyl	8.80	154	1218737	46.40	nq	98
46) 2-Chloronaphthalene	8.82	162	984811	47.90	nq	94
47) 2-Nitroaniline	8.95	65	316659	51.92	nq	86
48) Acenaphthylene	9.33	152	1549888	45.36	nq	99
49) Dimethylphthalate	9.20	163	1335958	57.71	nq	100
50) 2,6-Dinitrotoluene	9.26	165	277071	52.21	nq	# 86
51) Acenaphthene	9.54	154	926518	46.47	nq	99
52) 3-Nitroaniline	9.46	138	153875	24.69	nq	87
53) 2,4-Dinitrophenol	9.59	184	150827	54.68	nq	# 73
54) Dibenzofuran	9.76	168	1329991	49.00	nq	99
55) 4-Nitrophenol	9.70	139	437981	89.75	nq	# 65
56) 2,4-Dinitrotoluene	9.76	165	325367	48.81	nq	# 71
57) Fluorene	10.17	166	1001468	44.49	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.92	232	258555	55.25	nq	98
59) Diethylphthalate	10.06	149	1146039	50.09	nq	99
60) 4-Chlorophenyl-phenylether	10.18	204	429625	44.80	nq	95
61) 4-Nitroaniline	10.22	138	289656	48.44	nq	98
62) Azobenzene	10.38	77	1106243	51.11	nq	95
64) 4,6-Dinitro-2-methylphenol	10.26	198	163310	46.21	nq	# 64
65) n-Nitrosodiphenylamine	10.33	169	980221	49.12	nq	98
66) 4-Bromophenyl-phenylether	10.78	248	272207	47.96	nq	99
67) Hexachlorobenzene	10.85	284	278793	48.53	nq	# 85
68) Atrazine	11.00	200	290254	48.56	nq	97
69) Pentachlorophenol	11.10	266	300699	84.09	nq	99
70) Phenanthrene	11.36	178	1490518	46.43	nq	98
71) Anthracene	11.42	178	1538185	46.54	nq	99
72) Carbazole	11.62	167	1485112	43.82	nq	99
73) Di-n-butylphthalate	12.07	149	1740636	49.38	nq	99
74) Fluoranthene	12.82	202	1481466	45.07	nq	99
76) Benzidine	12.98	184	312123	20.35	nq	# 93
77) Pyrene	13.09	202	1482069	52.70	nq	99
79) Butylbenzylphthalate	13.91	149	718666	59.98	nq	# 87
80) Benzo(a)anthracene	14.56	228	1089872	48.23	nq	99
81) 3,3'-Dichlorobenzidine	14.53	252	221671	27.45	nq	# 96
82) Chrysene	14.60	228	975591	46.52	nq	99
83) Bis(2-ethylhexyl)phthalate	14.62	149	969414	59.30	nq	# 99
84) Di-n-octyl phthalate	15.38	149	1509038	55.26	nq	98
85) Indeno(1,2,3-cd)pyrene	17.53	276	889394	48.97	nq	99
87) Benzo(b)fluoranthene	15.79	252	884914	50.47	nq	97
88) Benzo(k)fluoranthene	15.79	252	884914	51.58	nq	96
89) Benzo(a)pyrene	16.14	252	776981	48.12	nq	99
90) Dibenzo(a,h)anthracene	17.54	278	732144	53.54	nq	97
91) Benzo(g,h,i)perylene	17.92	276	761576	55.26	nq	99

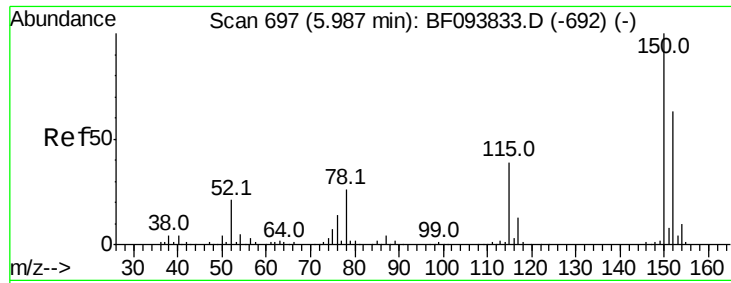
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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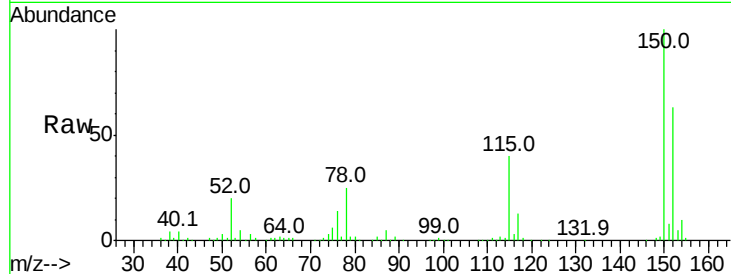


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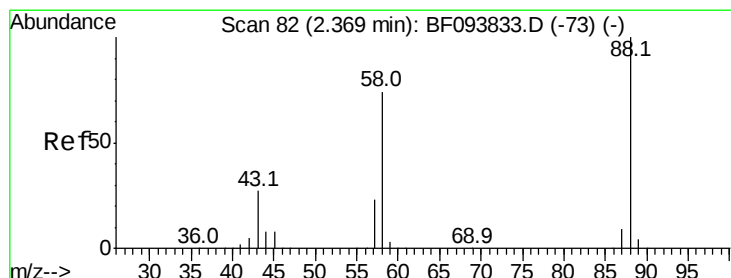
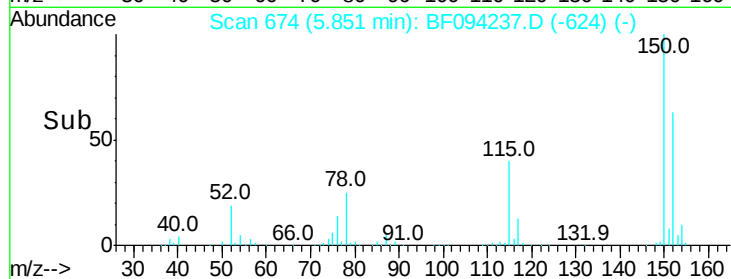
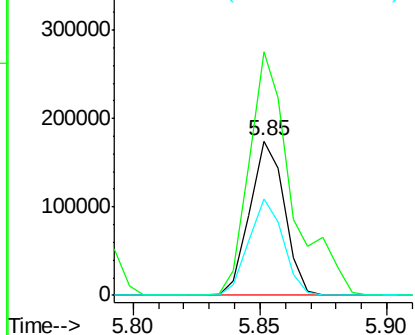
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion:152 Resp: 167169
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 62.5 52.2 78.2



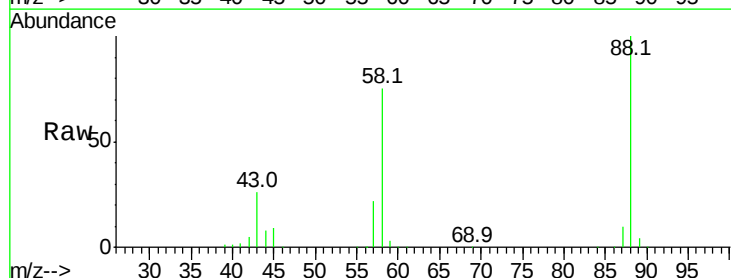
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



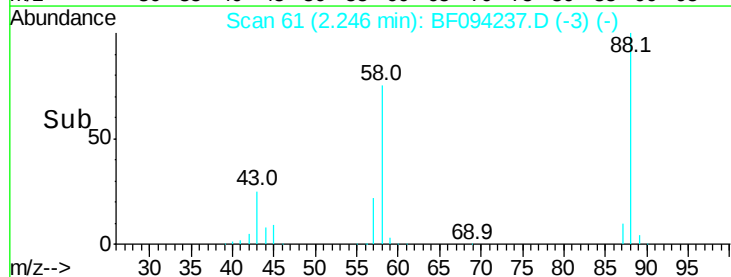
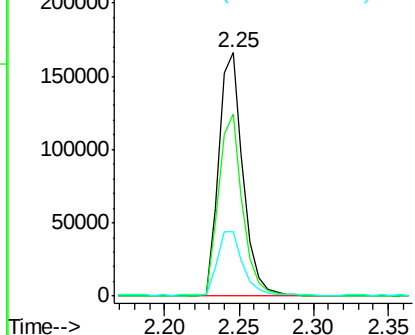
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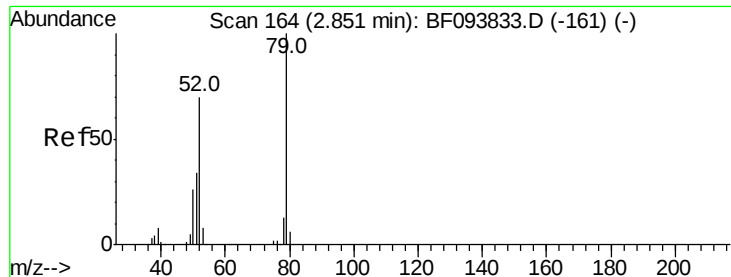
1,4-Dioxane
Concen: 39.77 ng
RT: 2.25 min Scan# 61
Delta R.T. 0.04 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion: 88 Resp: 189118
Ion Ratio Lower Upper
88 100
58 74.0 61.4 92.0
43 27.6 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: 39.93 ng

RT: 2.73 min Scan# 143

Delta R.T. 0.03 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

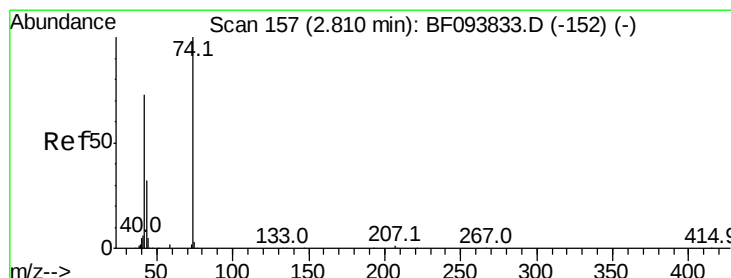
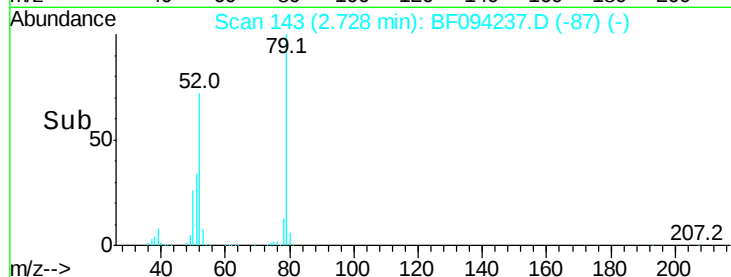
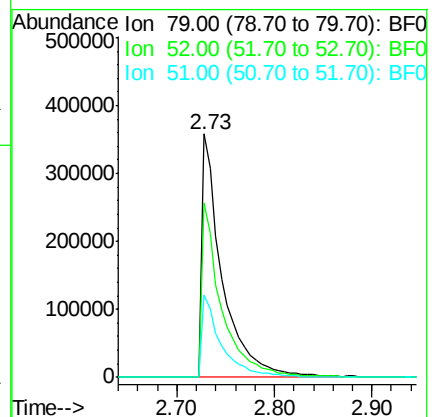
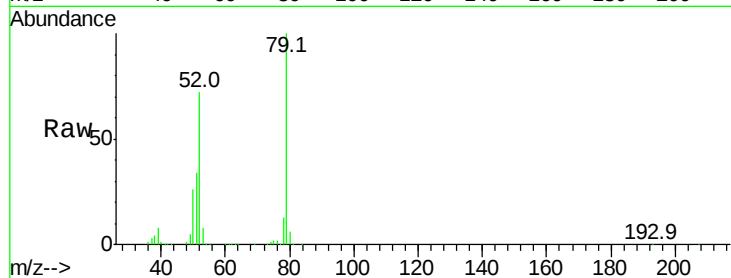
Tot Ion: 79 Resp: 517528

Ion Ratio Lower Upper

79 100

52 71.7 54.8 82.2

51 33.6 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 49.01 ng

RT: 2.69 min Scan# 137

Delta R.T. 0.02 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

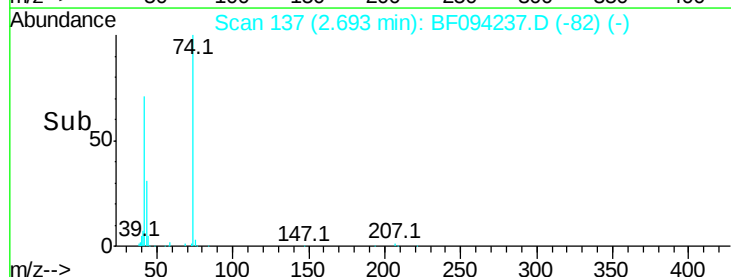
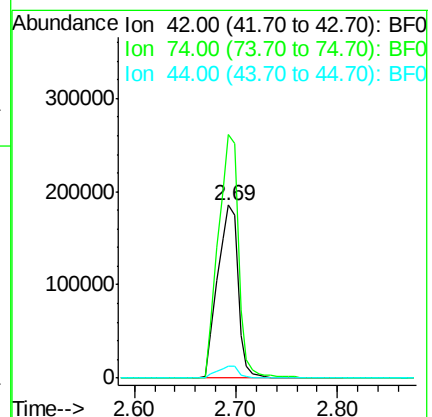
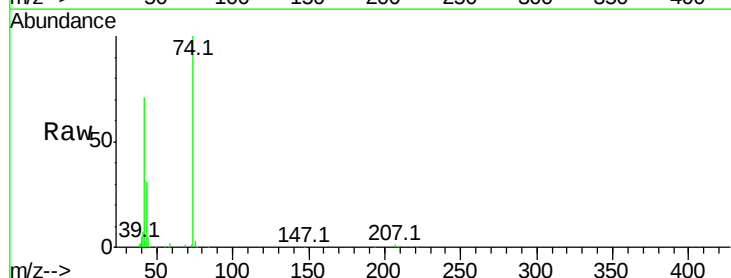
Tgt Ion: 42 Resp: 261353

Ion Ratio Lower Upper

42 100

74 140.9 103.9 155.9

44 6.9 5.7 8.5





#5

2-Fluorophenol

Concen: 140.10 ng

RT: 4.40 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

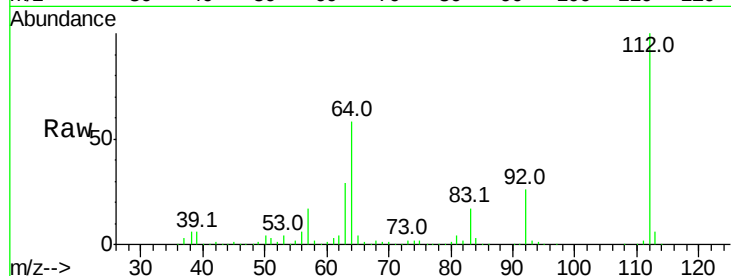
Tot Ion:112 Resp: 1386599

Ion Ratio Lower Upper

112 100

64 57.6 46.0 69.0

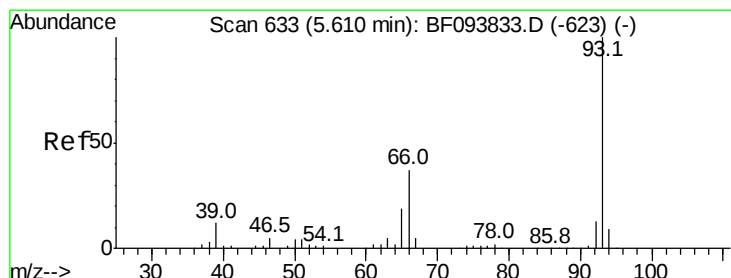
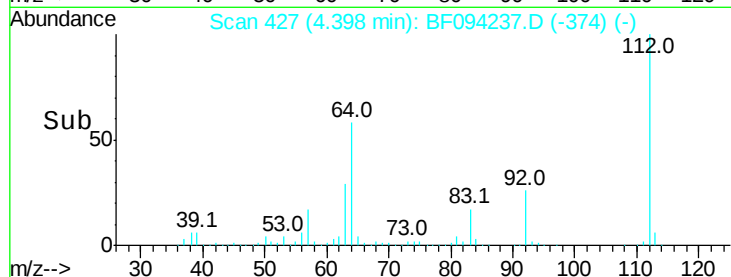
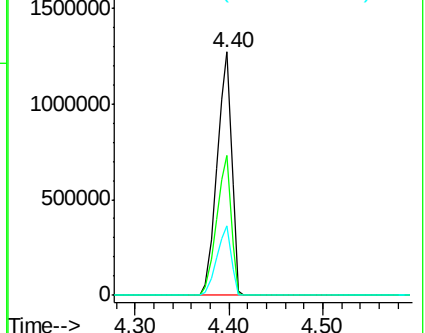
63 28.8 23.4 35.0



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: 17.50 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

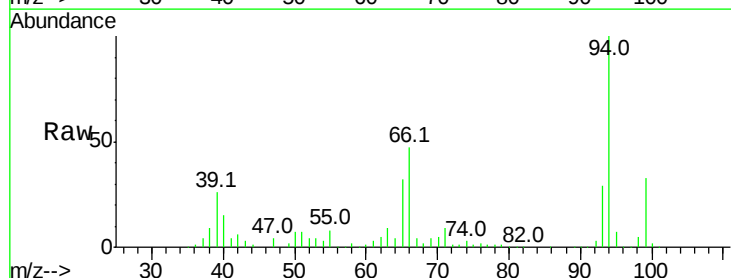
Tgt Ion: 93 Resp: 298070

Ion Ratio Lower Upper

93 100

66 165.2 32.9 49.3#

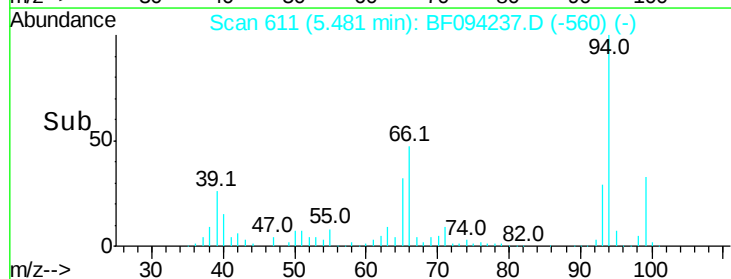
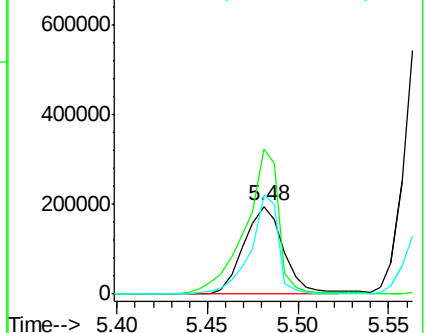
65 112.7 16.0 24.0#

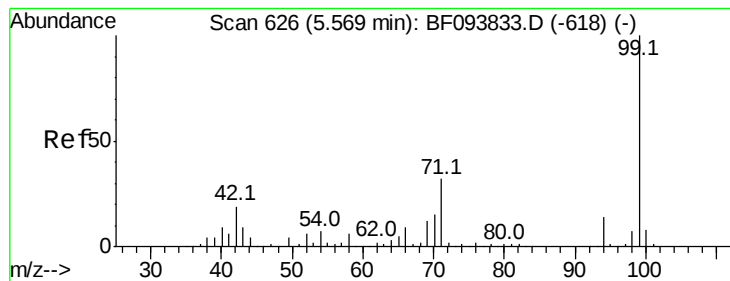


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 146.44 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

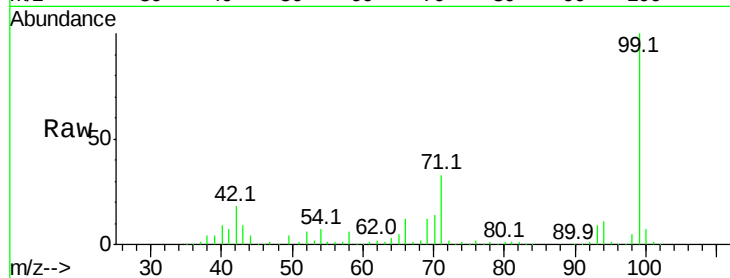
BNA_F

ClientSampleId :

GP-B-02(10-15)MS

Tot Ion: 99 Resp: 1793067

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	33.5	24.5	36.7

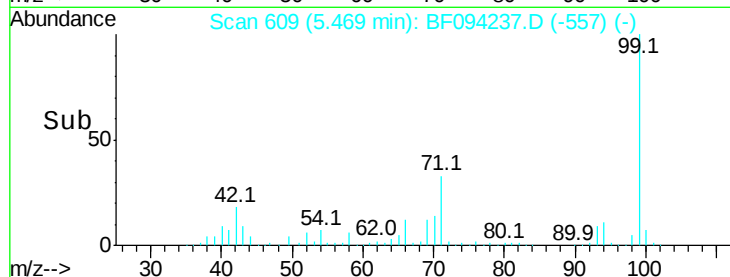


Abundance

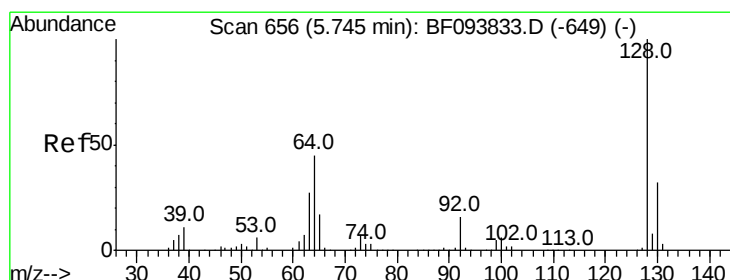
Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 51.43 ng

RT: 5.62 min Scan# 635

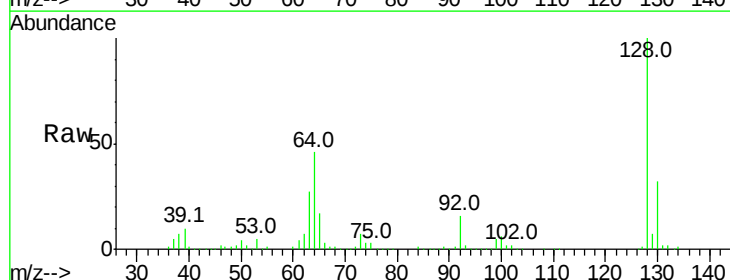
Delta R.T. -0.00 min

Lab File: BF094237.D

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Tgt Ion:128 Resp: 559539

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	45.5	28.4	68.4

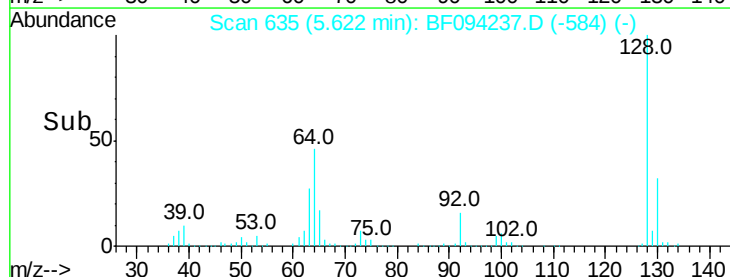


Abundance

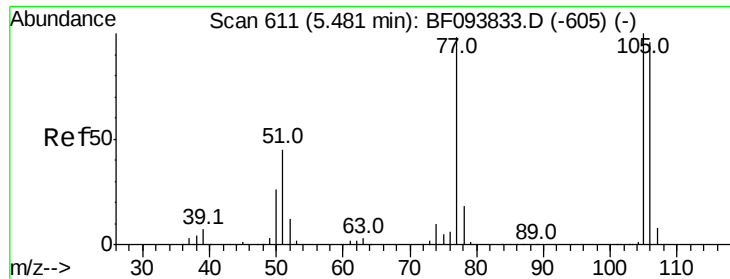
Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



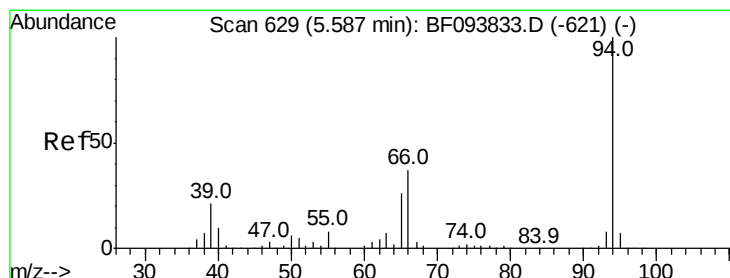
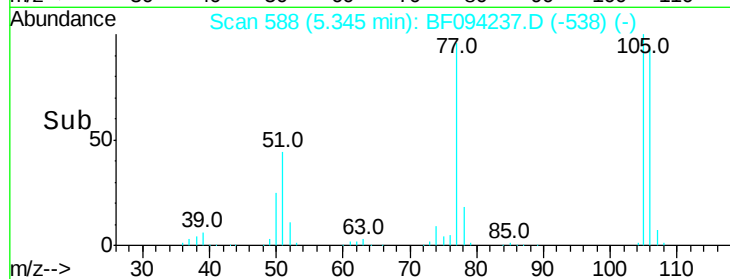
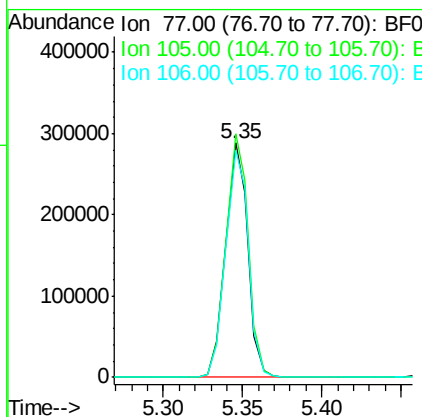
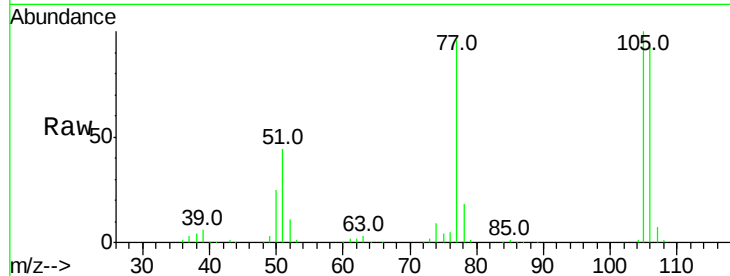
Time-->



#9
Benzaldehyde
Concen: 33.67 ng
RT: 5.35 min Scan# 588
Delta R.T. -0.01 min
Lab File: BF094237.D
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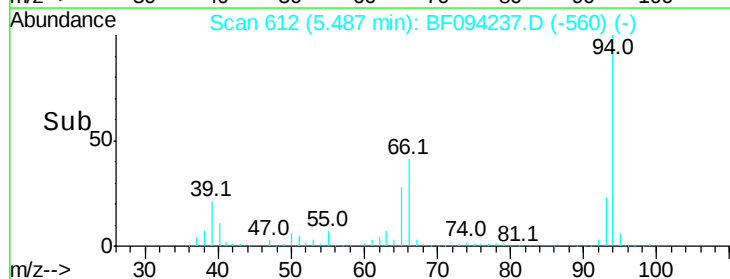
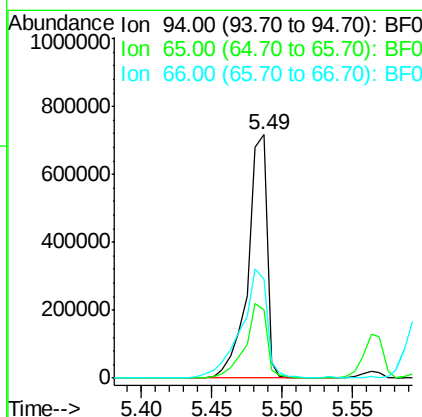
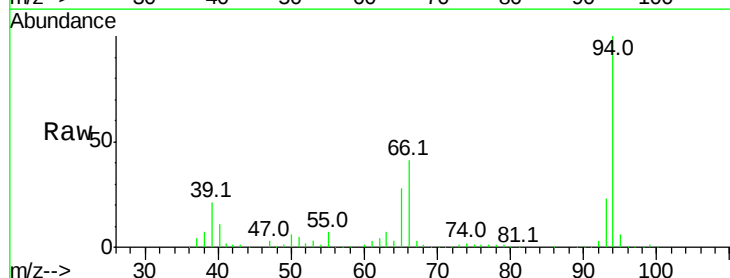
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Tot Ion	Ratio	Lower	Upper
77	100		
105	104.0	83.8	123.8
106	97.0	79.1	119.1



#10
Phenol
Concen: 48.99 ng
RT: 5.49 min Scan# 612
Delta R.T. 0.01 min
Lab File: BF094237.D
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Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.0	9.9	49.9
66	40.7	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 48.65 ng

RT: 5.56 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

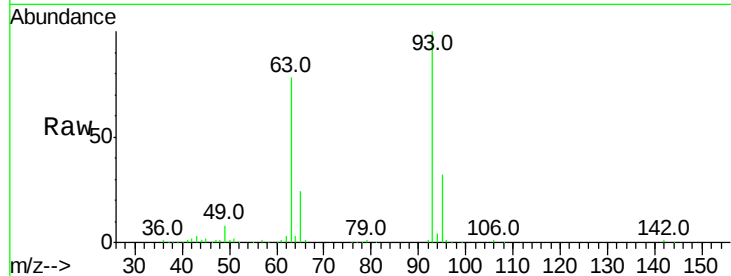
Tot Ion: 93 Resp: 529756

Ion Ratio Lower Upper

93 100

63 77.9 59.2 99.2

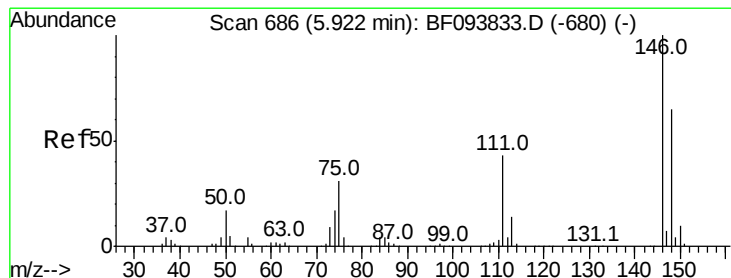
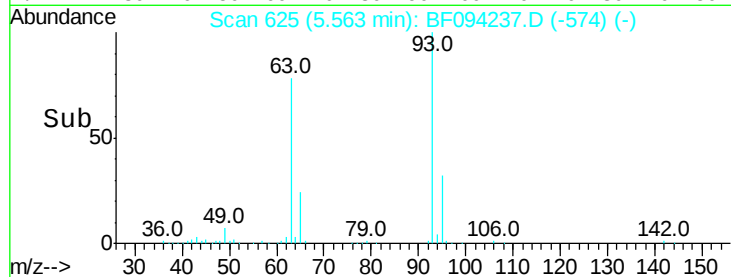
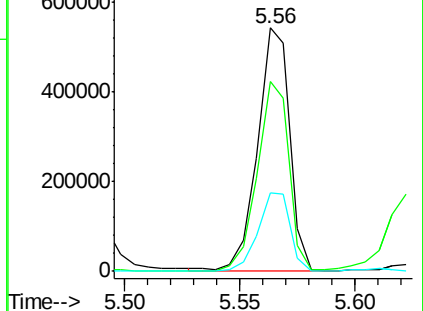
95 32.1 12.8 52.8



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: 47.46 ng

RT: 5.79 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

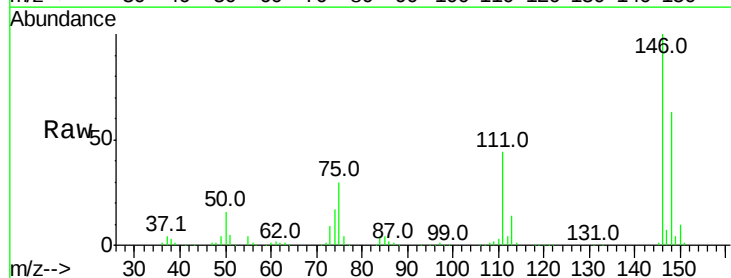
Tgt Ion: 146 Resp: 579105

Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

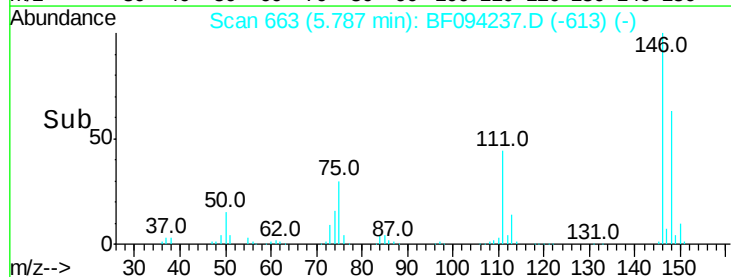
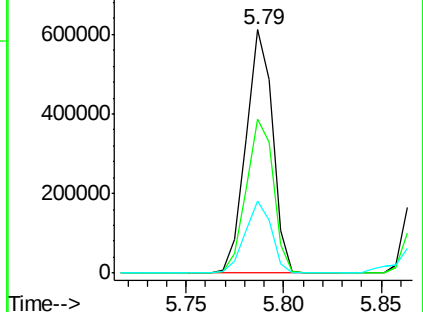
75 29.9 23.1 34.7

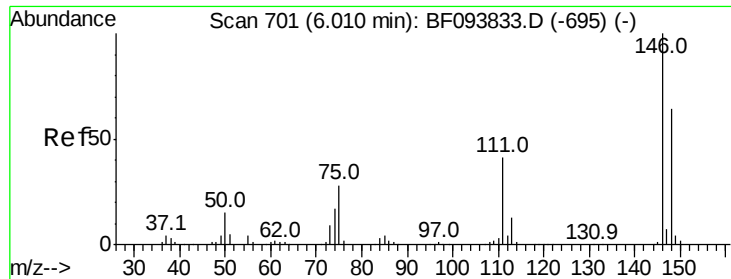


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

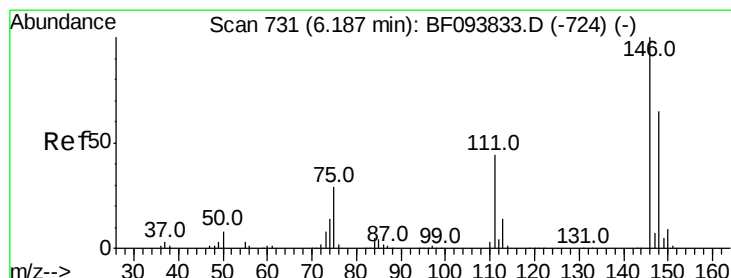
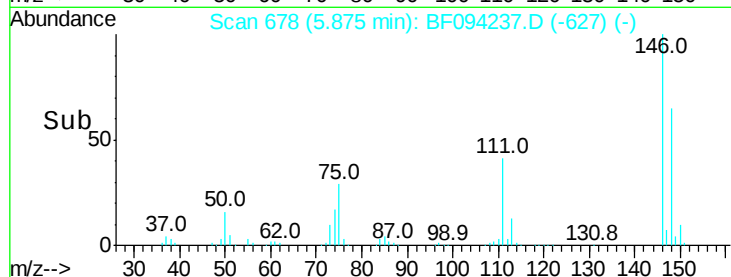
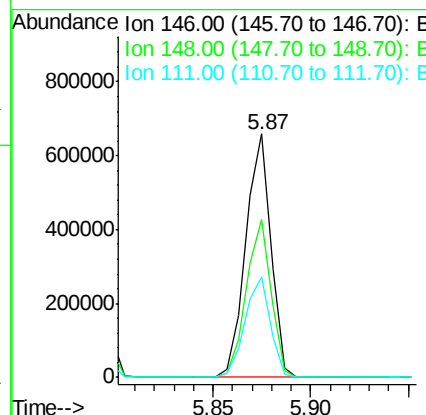
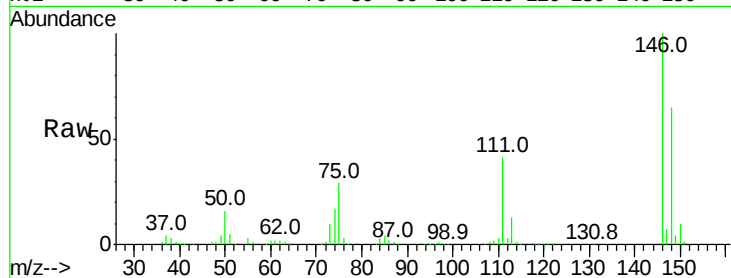




#13
 1,4-Dichlorobenzene
 Concen: 47.39 ng
 RT: 5.87 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

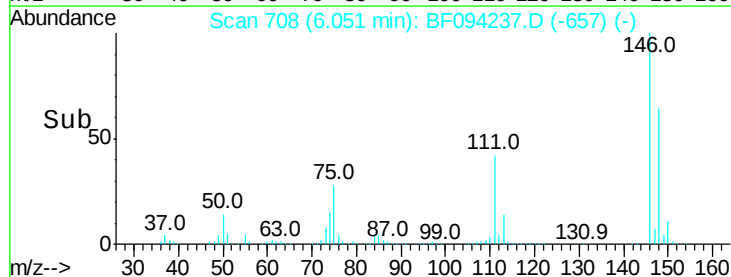
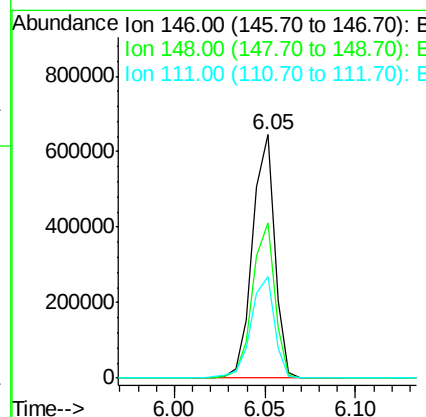
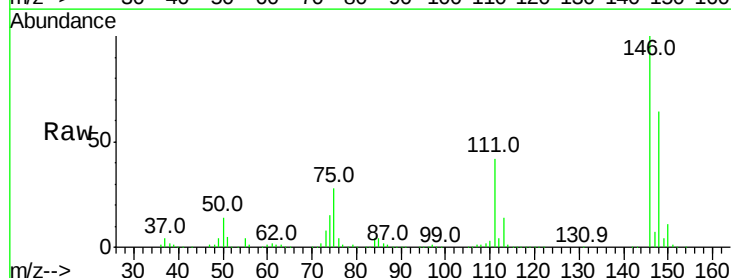
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion:146 Resp: 585709
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.2 78.2
 111 41.1 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 48.14 ng
 RT: 6.05 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion:146 Resp: 547989
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.4 75.6
 111 41.8 38.2 57.4





#15

Benzyl Alcohol

Concen: 51.40 ng

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

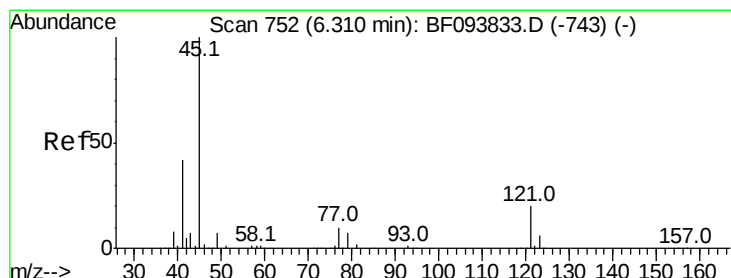
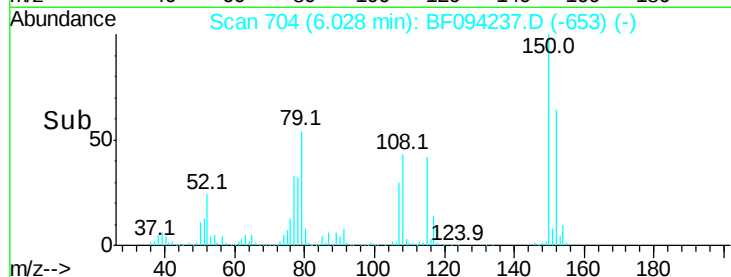
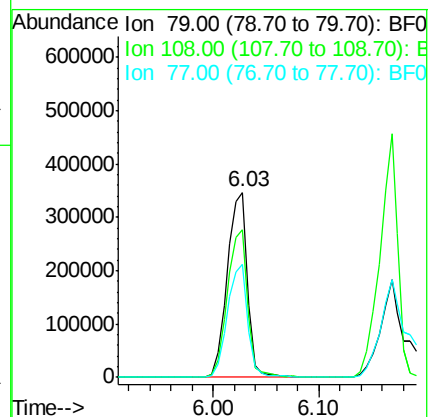
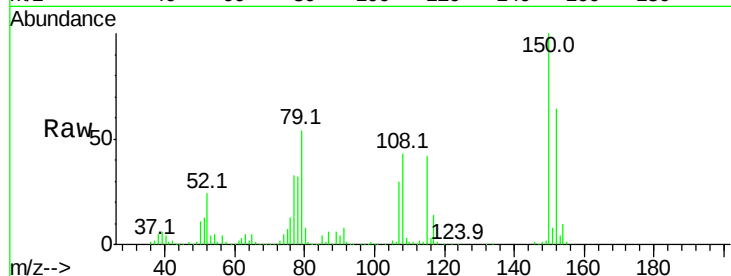
Tot Ion: 79 Resp: 460644

Ion Ratio Lower Upper

79 100

108 79.8 63.4 95.0

77 61.4 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.12 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

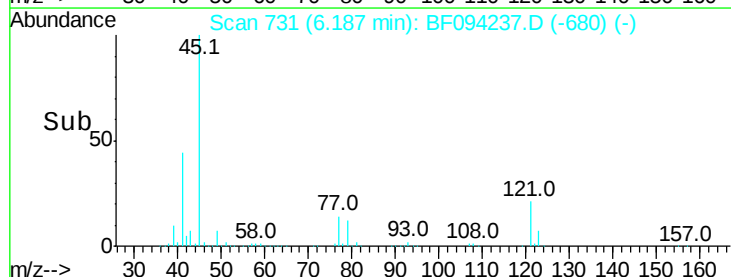
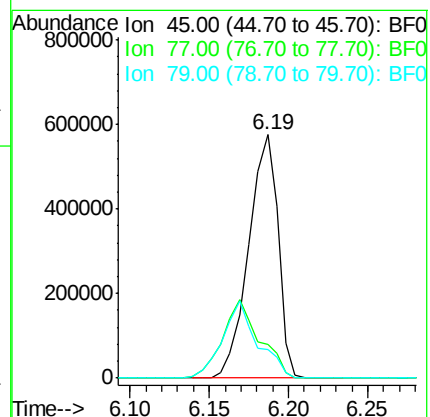
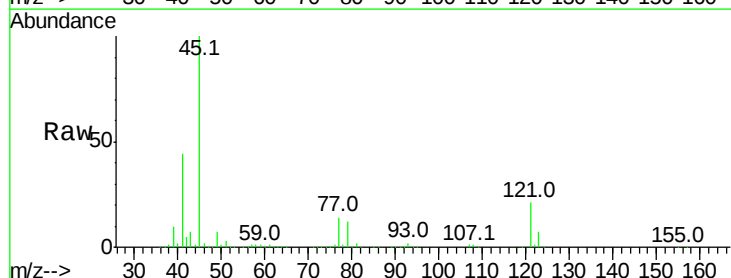
Tgt Ion: 45 Resp: 740293

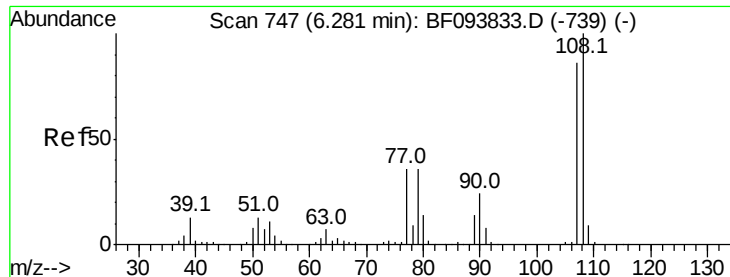
Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.2

79 11.6 0.0 30.0





#17

2-Methylphenol

Concen: 51.25 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

Tot Ion:107 Resp: 477475

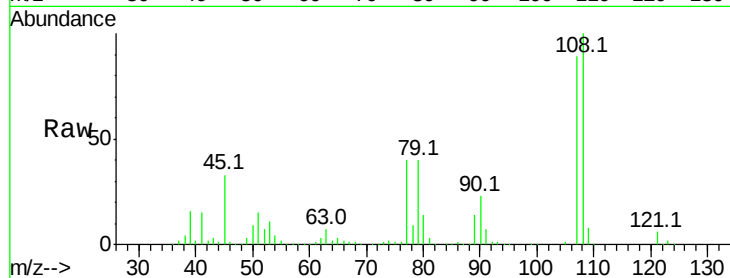
Ion Ratio Lower Upper

107 100

108 112.0 93.4 140.0

77 45.2 35.8 53.6

79 45.0 34.8 52.2

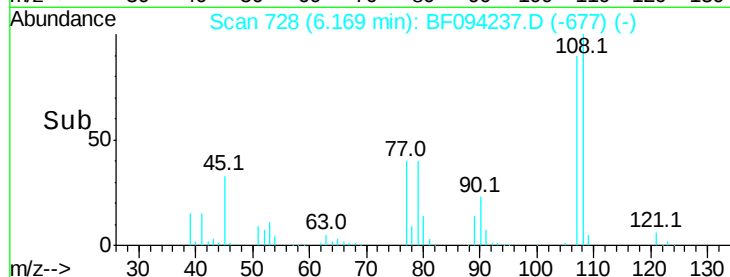


Abundance Ion 107.00 (106.70 to 107.70): E

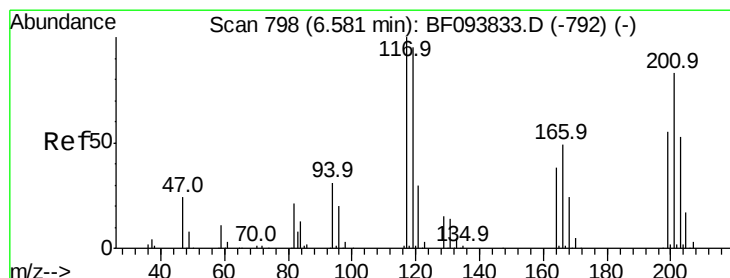
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 47.59 ng

RT: 6.44 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

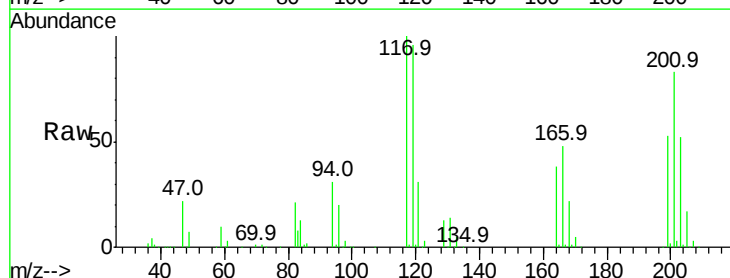
Tgt Ion:117 Resp: 206734

Ion Ratio Lower Upper

117 100

119 96.0 77.4 116.0

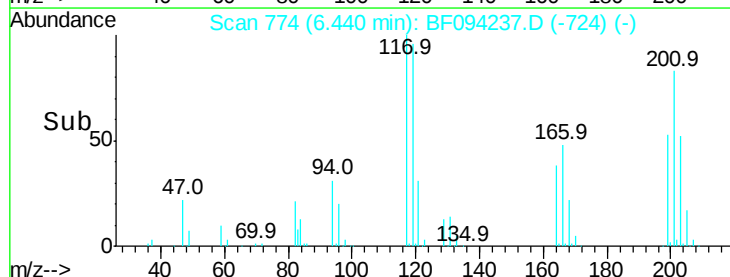
201 83.0 94.6 141.8#



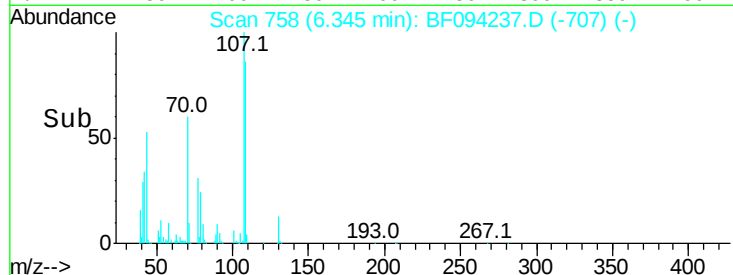
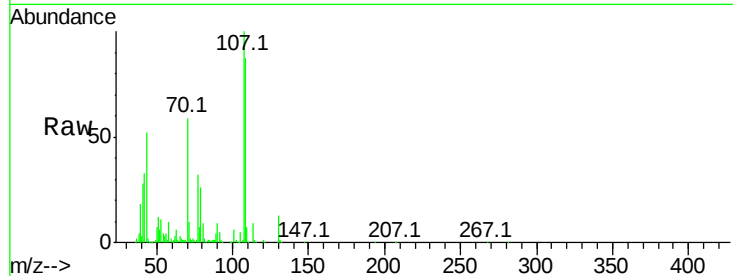
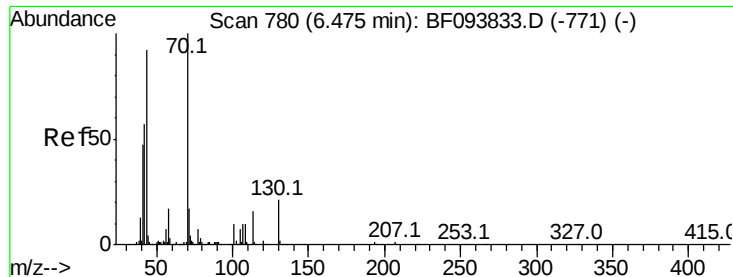
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 49.77 ng

RT: 6.35 min Scan# 758

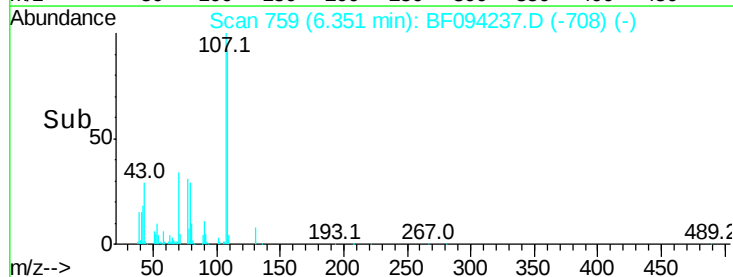
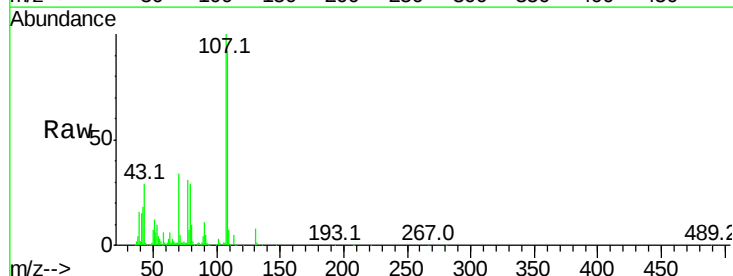
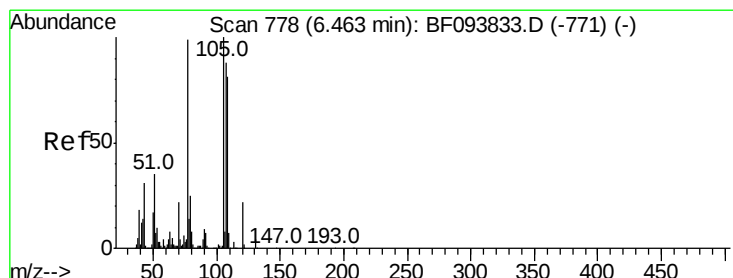
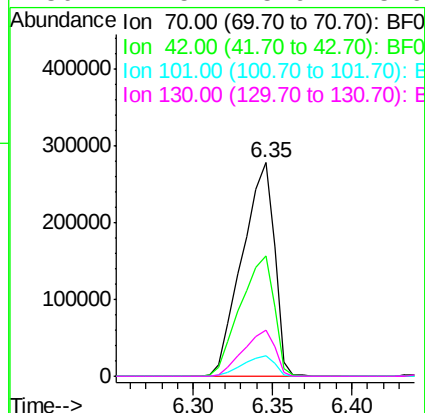
Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion:	70	Resp:	391670
Ion	Ratio	Lower	Upper
70	100		
42	56.6	47.2	70.8
101	9.9	7.2	10.8
130	21.5	15.9	23.9



#20

3+4-Methylphenols

Concen: 54.15 ng

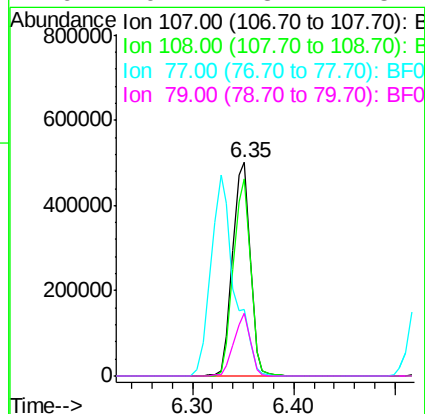
RT: 6.35 min Scan# 759

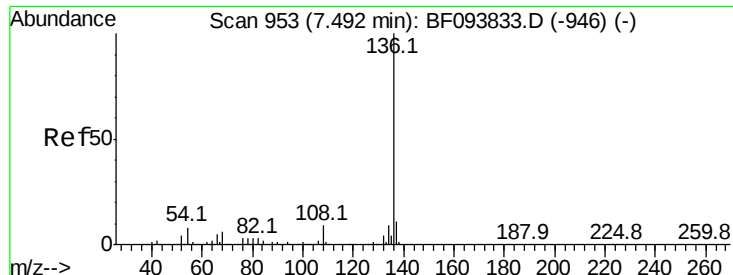
Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Tgt Ion:	107	Resp:	611081
Ion	Ratio	Lower	Upper
107	100		
108	92.3	71.0	111.0
77	31.3	90.5	130.5#
79	29.2	8.4	48.4

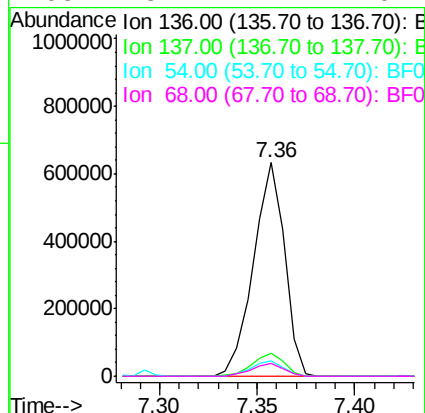
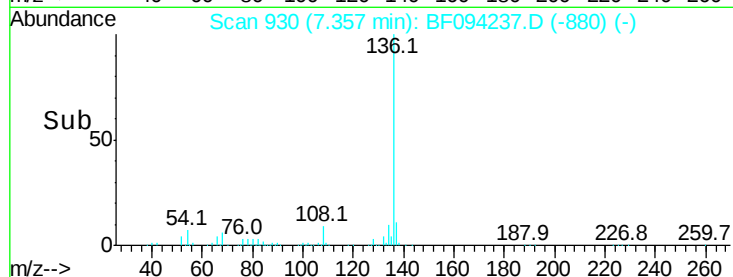
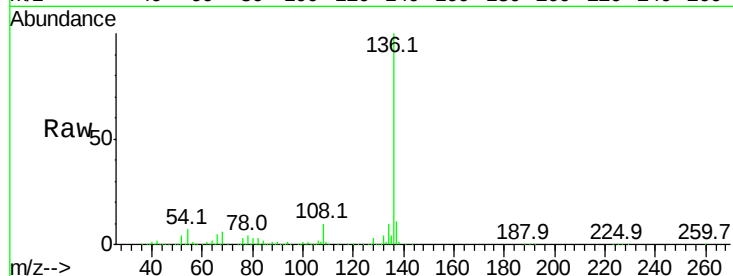




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

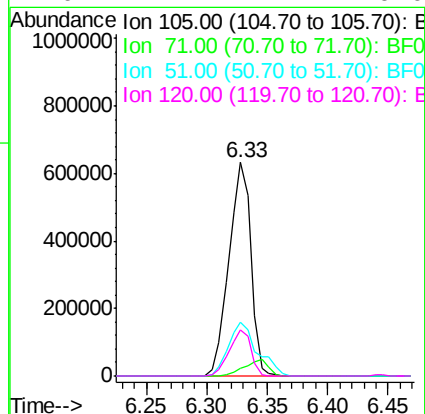
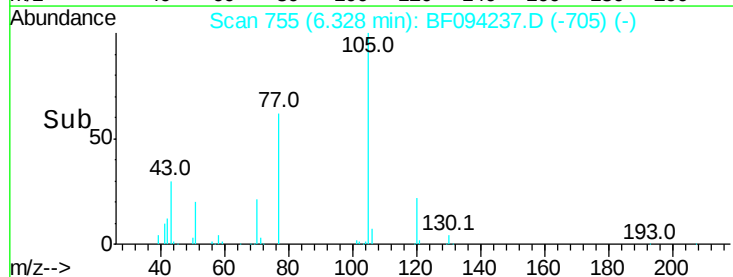
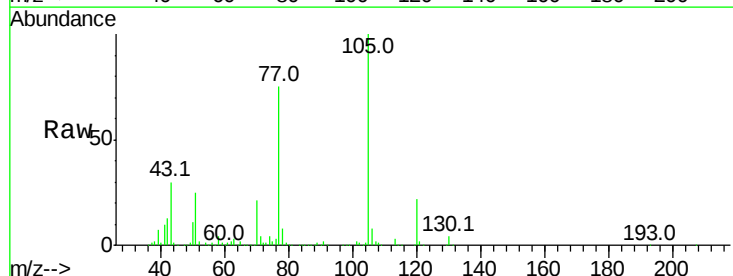
Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

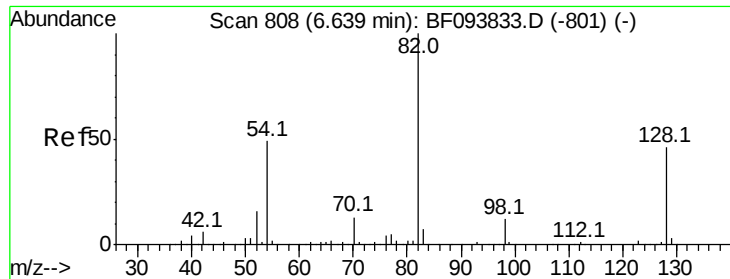
Tot Ion:136	Resp:	700624
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	7.4	4.9 7.3#
68	5.7	4.1 6.1



#22
Acetophenone
Concen: 51.12 ng
RT: 6.33 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion:105	Resp:	798242
Ion Ratio	Lower	Upper
105	100	
71	3.7	2.8 4.2
51	25.1	30.7 46.1#
120	21.7	17.4 26.0

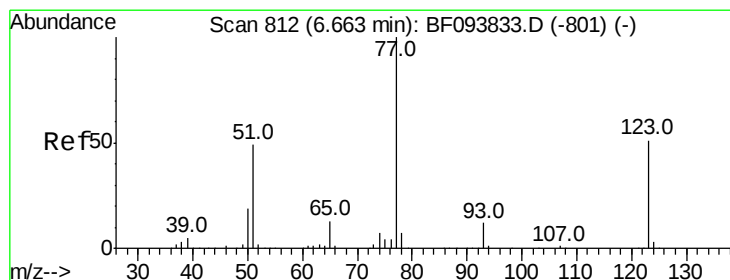
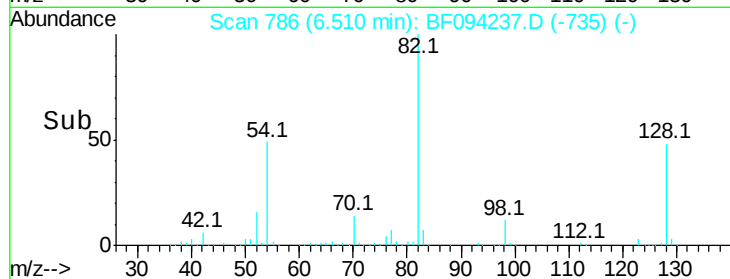
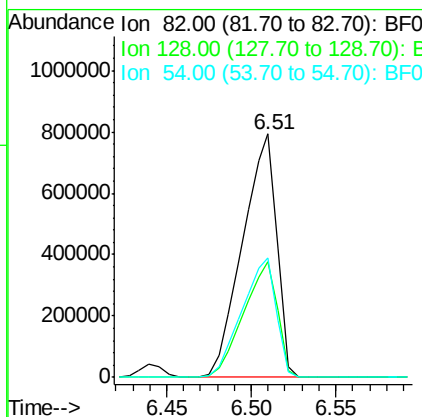
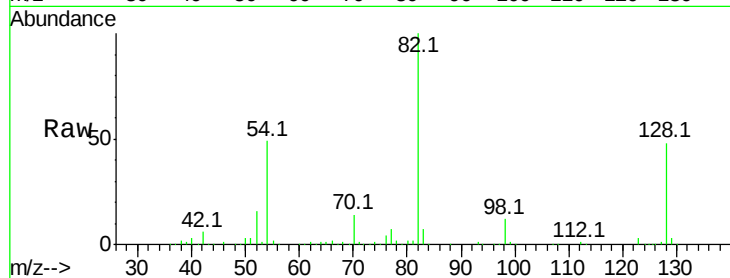




#23
 Nitrobenzene-d5
 Concen: 90.92 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

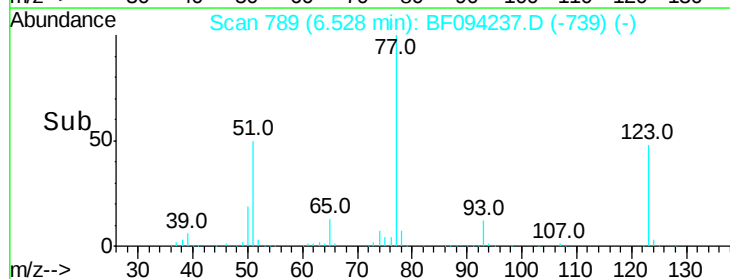
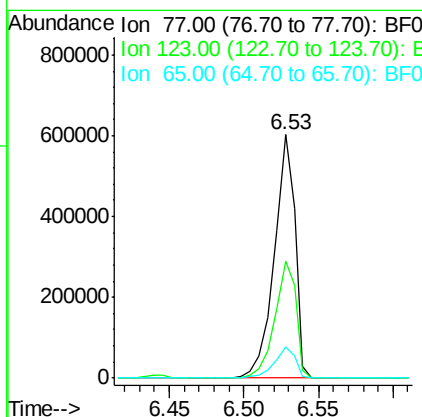
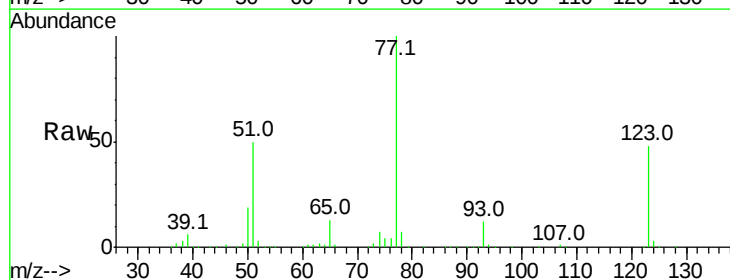
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

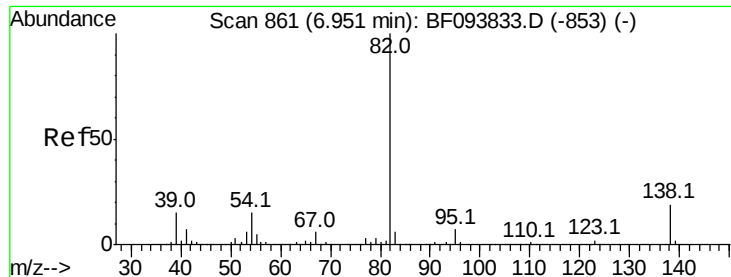
Tot Ion: 82 Resp: 1116216
 Ion Ratio Lower Upper
 82 100
 128 47.7 34.0 51.0
 54 48.9 42.2 63.2



#24
 Nitrobenzene
 Concen: 48.15 ng
 RT: 6.53 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion: 77 Resp: 582952
 Ion Ratio Lower Upper
 77 100
 123 48.2 35.8 53.8
 65 13.0 10.6 15.8





#25

Isophorone

Concen: 49.77 ng

RT: 6.82 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

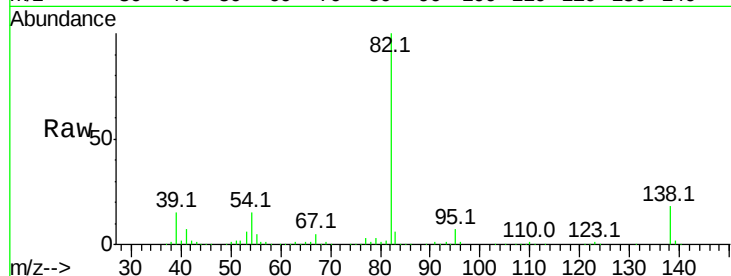
Tot Ion: 82 Resp: 1073632

Ion Ratio Lower Upper

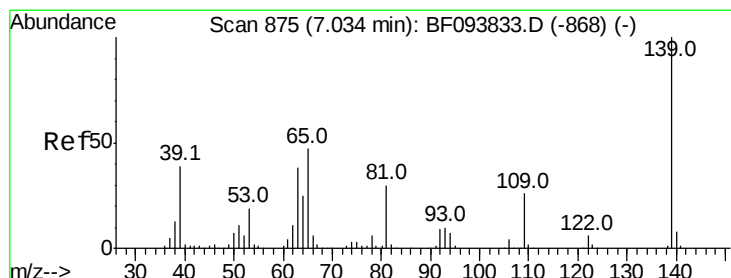
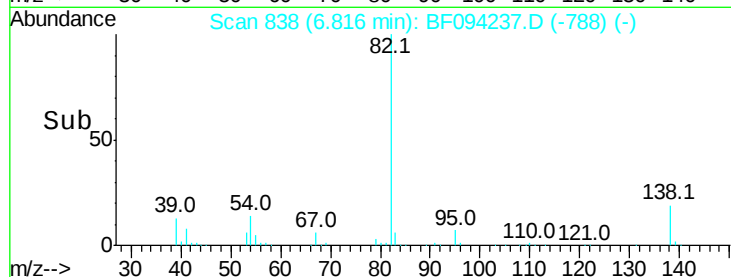
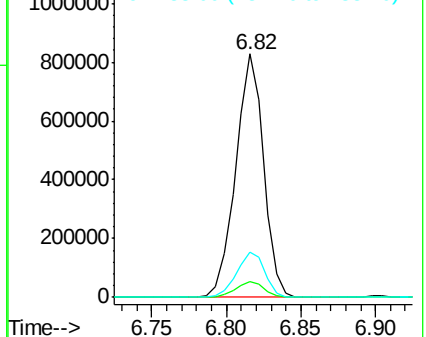
82 100

95 6.6 5.3 7.9

138 18.4 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 56.87 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

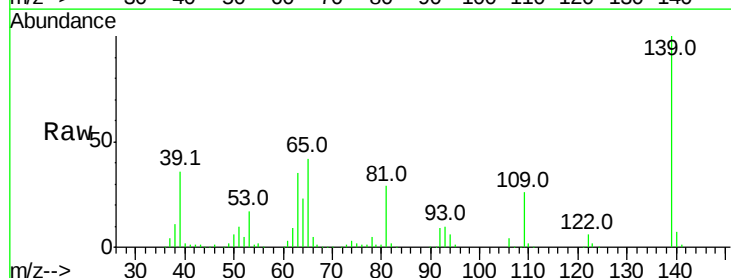
Tgt Ion:139 Resp: 328379

Ion Ratio Lower Upper

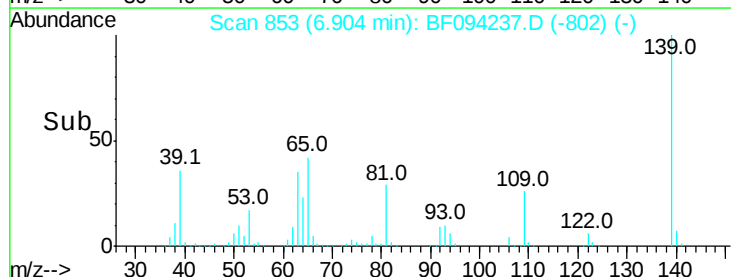
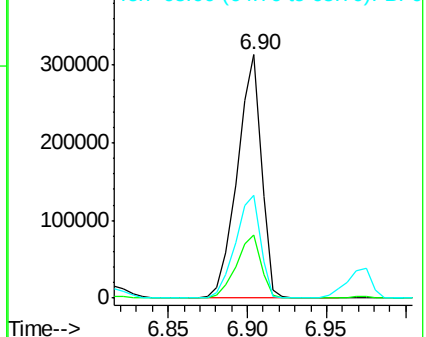
139 100

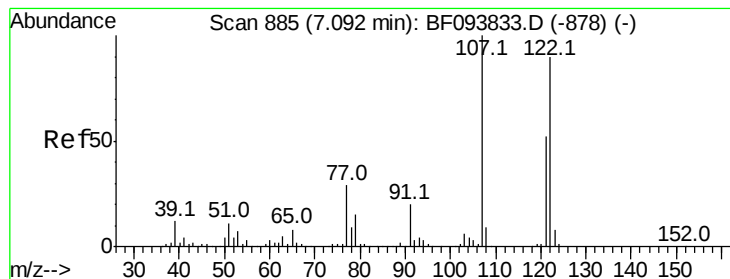
109 25.8 21.0 31.6

65 42.1 33.0 49.6



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





#27

2,4-Dimethylphenol

Concen: 48.09 ng

RT: 6.97 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

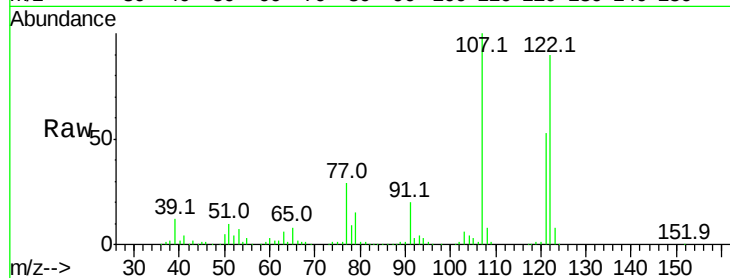
Tot Ion:122 Resp: 478449

Ion Ratio Lower Upper

122 100

107 111.3 89.2 133.8

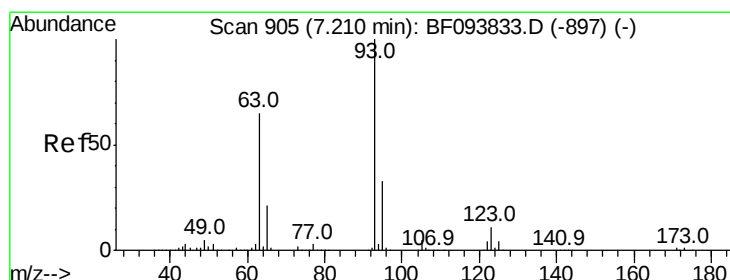
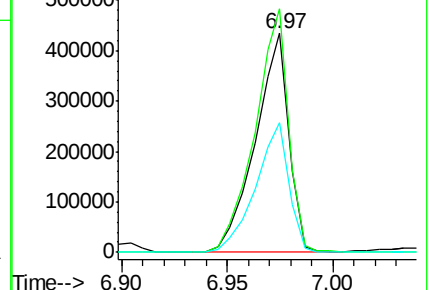
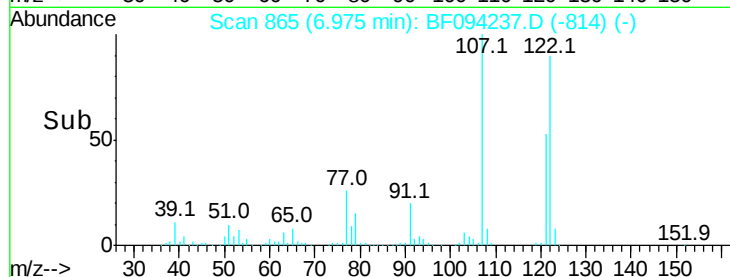
121 59.0 45.2 67.8



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: 48.43 ng

RT: 7.08 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

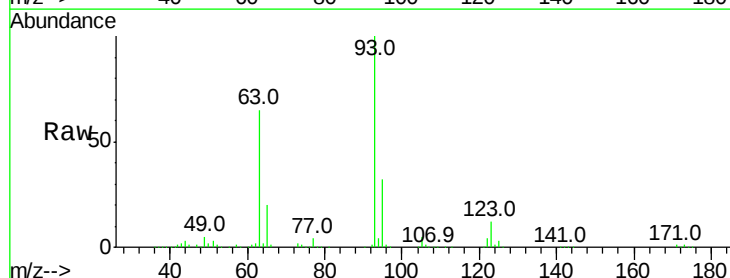
Tgt Ion: 93 Resp: 689023

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

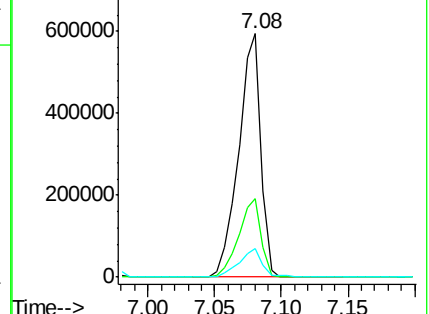
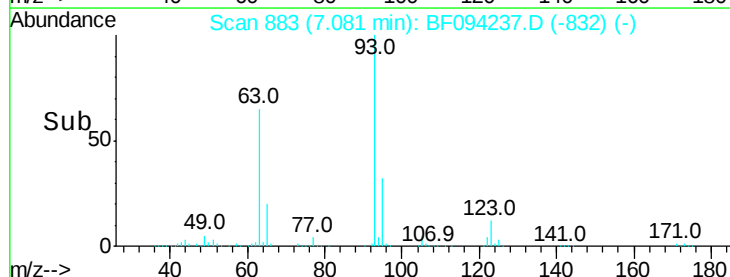
123 11.5 9.0 13.4

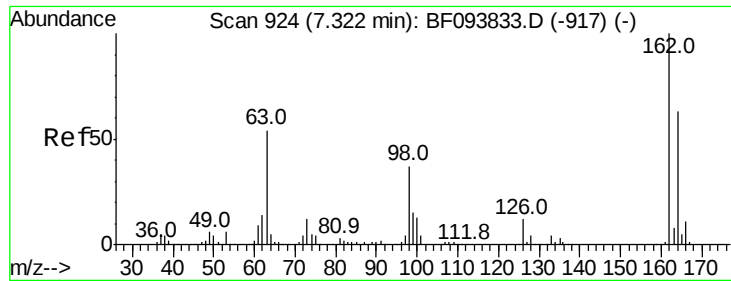


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

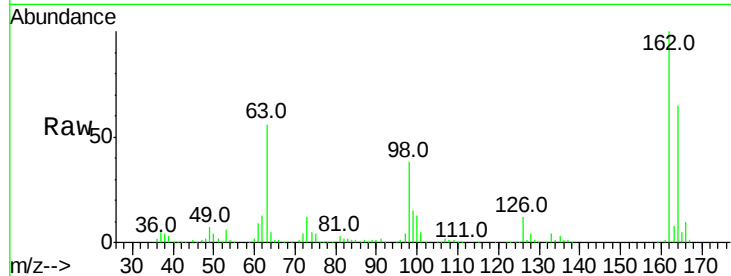




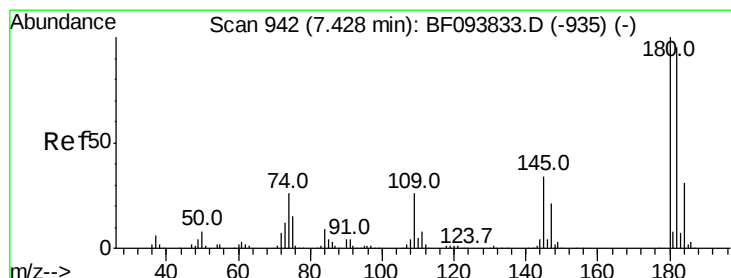
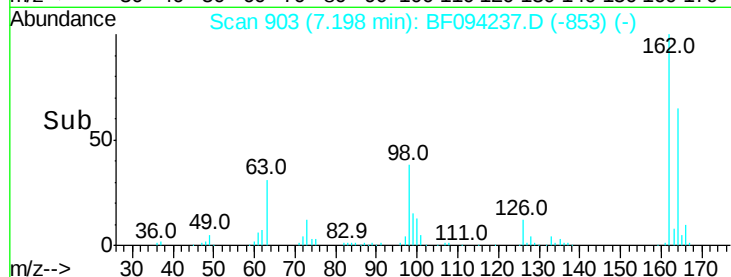
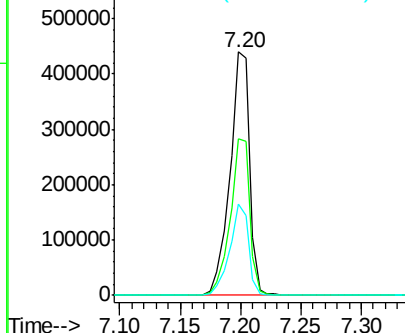
#29
 2,4-Dichlorophenol
 Concen: 53.78 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.6	84.6
98	37.5	14.8	54.8

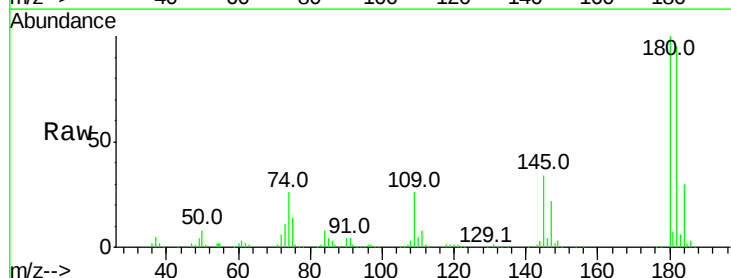


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

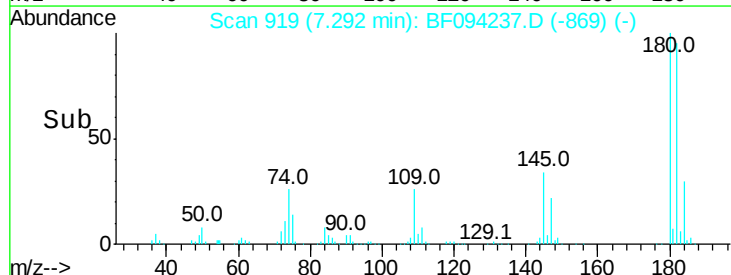
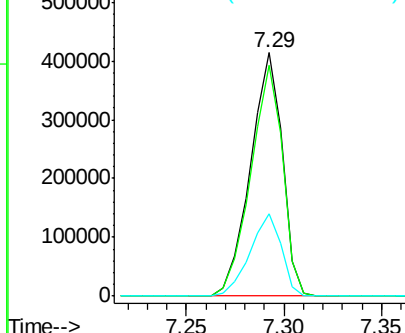


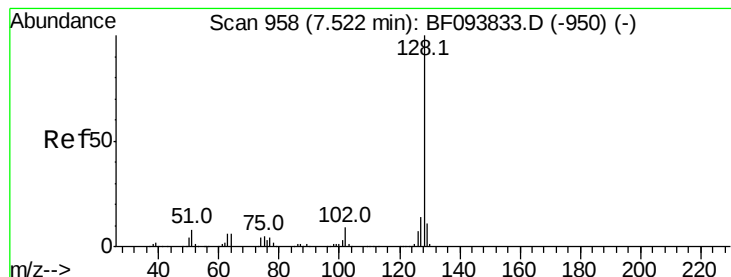
#30
 1,2,4-Trichlorobenzene
 Concen: 48.88 ng
 RT: 7.29 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.6
145	34.0	25.3	37.9



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





#31

Naphthalene

Concen: 47.24 ng

RT: 7.39 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

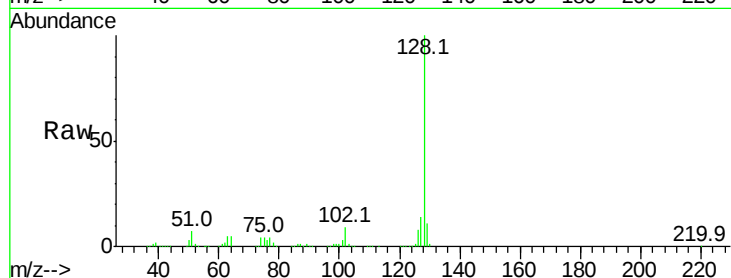
Tot Ion:128 Resp: 1591386

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

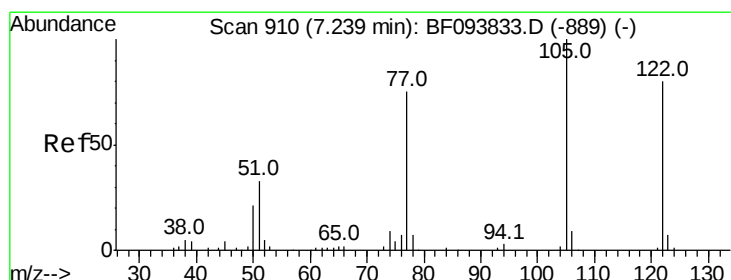
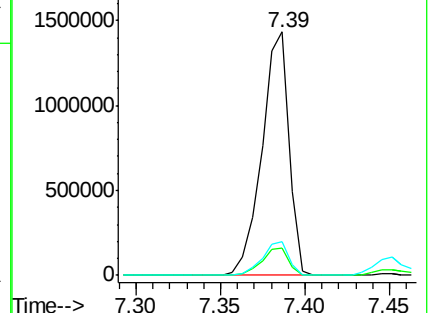
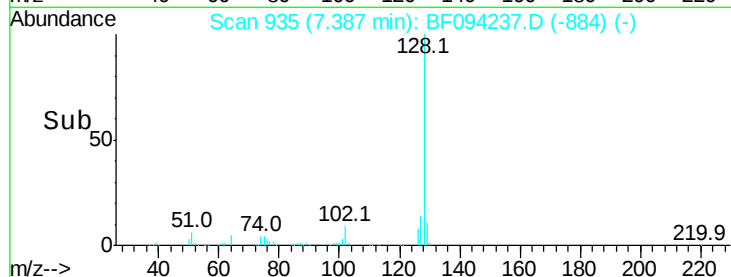
127 13.9 10.8 16.2



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: 18.56 ng

RT: 7.10 min Scan# 887

Delta R.T. -0.04 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

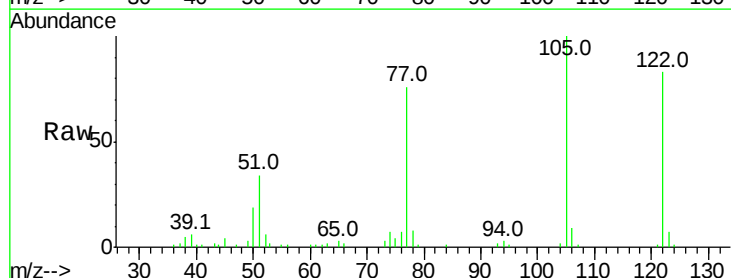
Tgt Ion:122 Resp: 122946

Ion Ratio Lower Upper

122 100

105 120.8 103.3 143.3

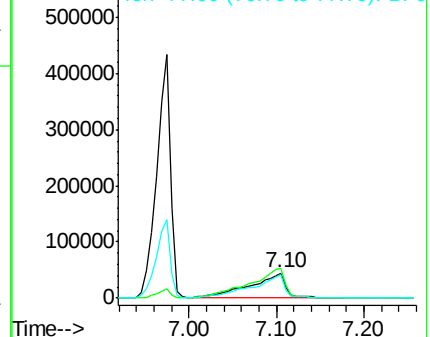
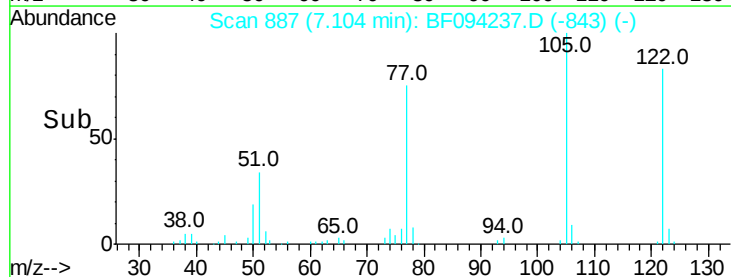
77 92.0 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 11.27 ng

RT: 7.45 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

Tot Ion:127 Resp: 153901

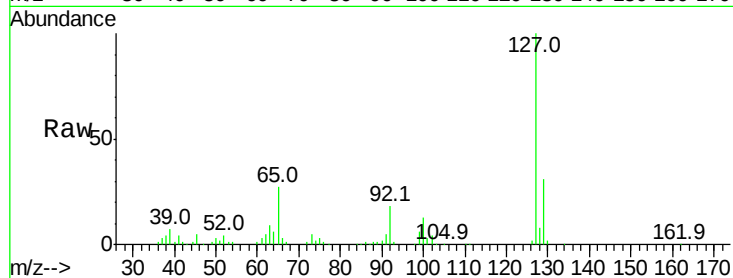
Ion Ratio Lower Upper

127 100

129 31.0 26.2 39.2

65 27.1 27.8 41.8#

92 17.8 16.8 25.2

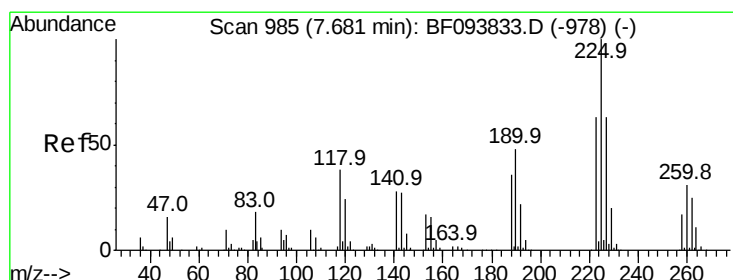
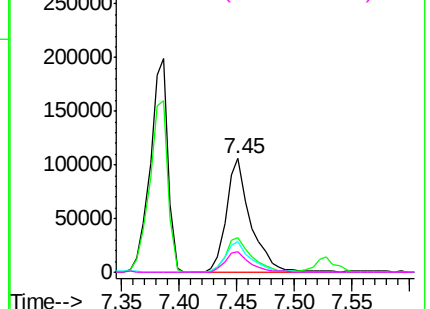
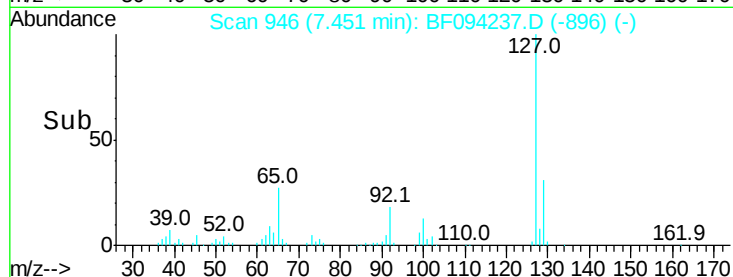


Abundance Ion 127.00 (126.70 to 127.70): E

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: 45.93 ng

RT: 7.54 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

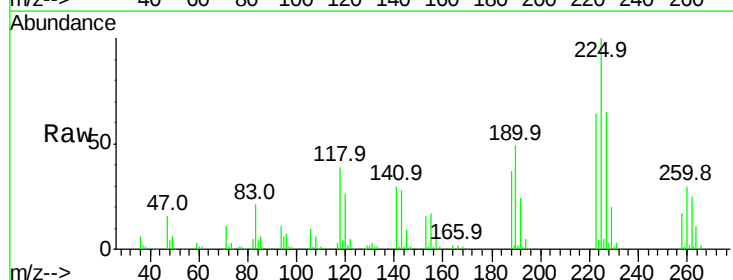
Tgt Ion:225 Resp: 225655

Ion Ratio Lower Upper

225 100

223 64.3 48.8 73.2

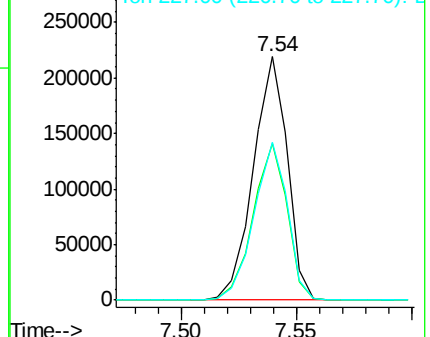
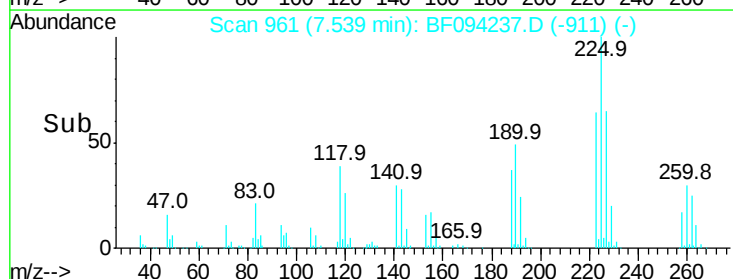
227 65.1 51.1 76.7

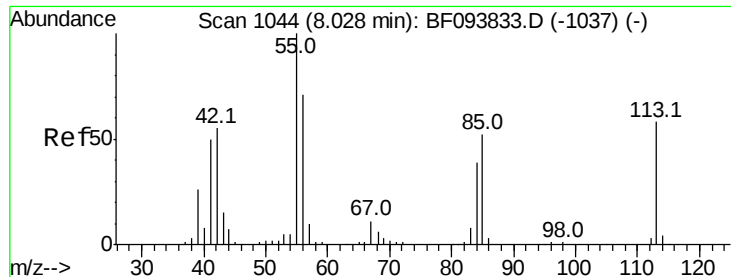


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

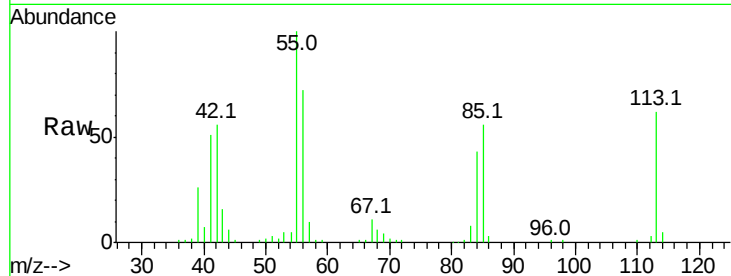




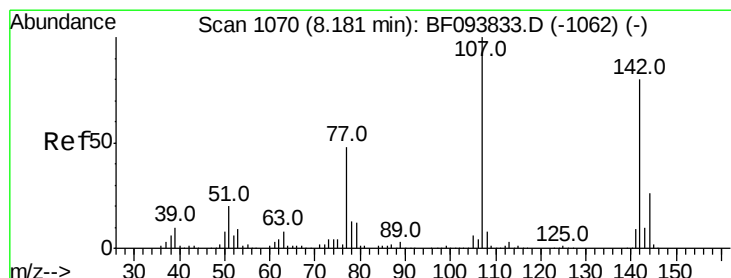
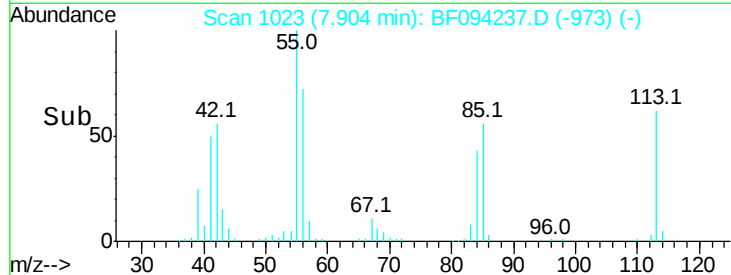
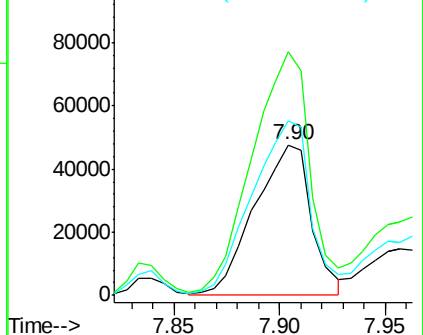
#35
 Caprolactam
 Concen: 30.12 ng
 RT: 7.90 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion:113 Resp: 89368
 Ion Ratio Lower Upper
 113 100
 55 161.6 150.2 190.2
 56 116.1 107.8 147.8

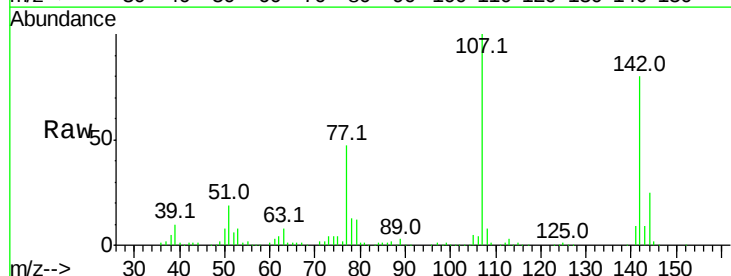


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

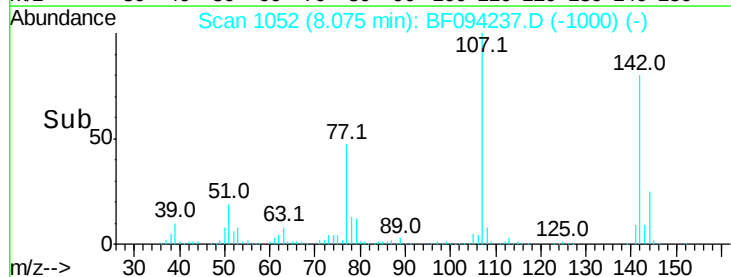
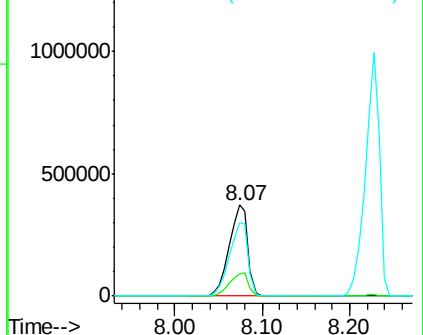


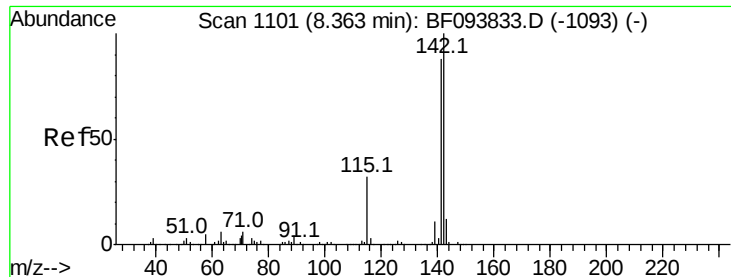
#36
 4-Chloro-3-methylphenol
 Concen: 55.67 ng
 RT: 8.07 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion:107 Resp: 541093
 Ion Ratio Lower Upper
 107 100
 144 24.9 24.2 36.4
 142 80.3 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: 49.61 ng

RT: 8.23 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

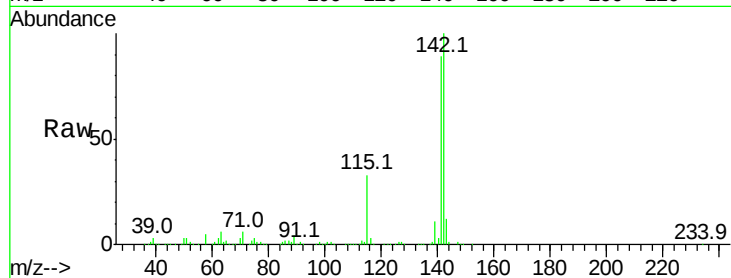
Tot Ion:142 Resp: 1114121

Ion Ratio Lower Upper

142 100

141 88.9 71.3 106.9

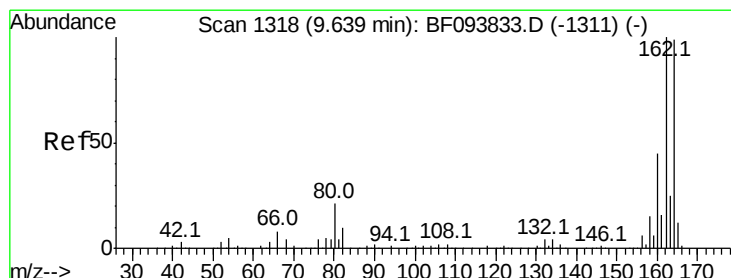
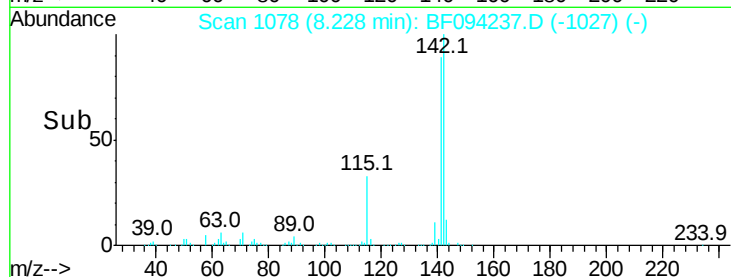
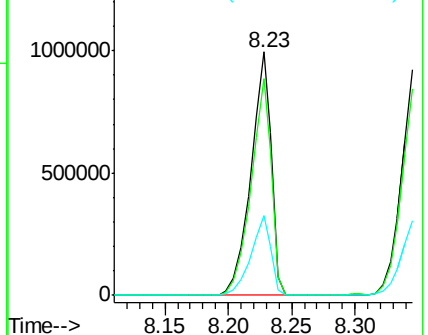
115 32.5 27.1 40.7



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: 9.50 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

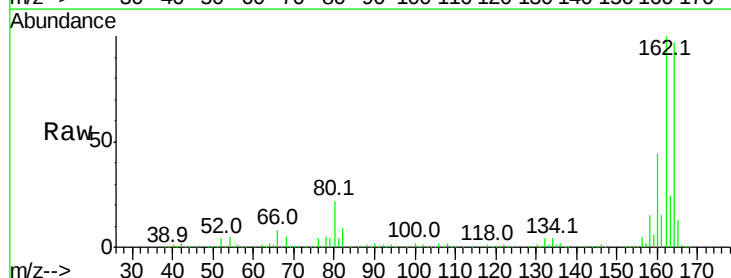
Tgt Ion:164 Resp: 325652

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

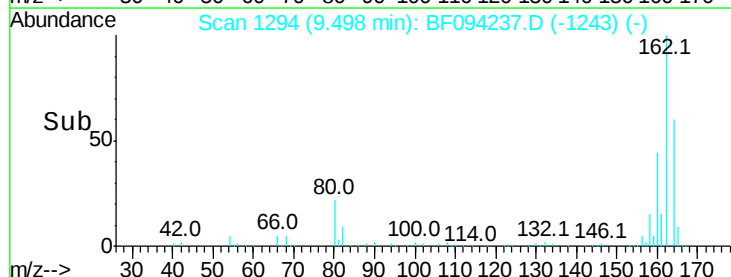
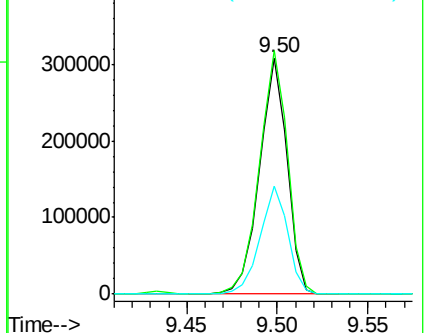
160 45.5 36.2 54.2



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

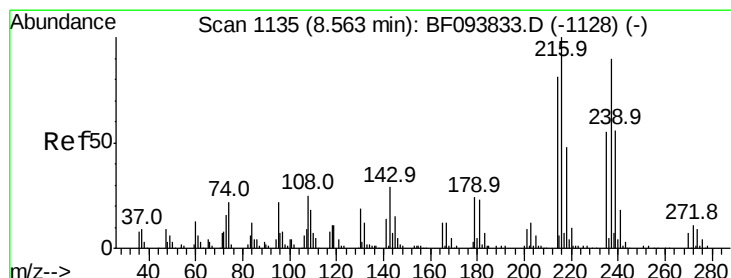
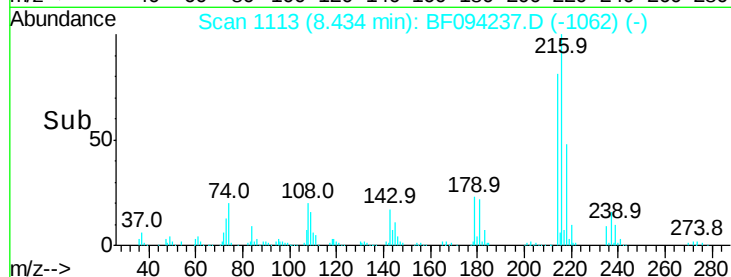
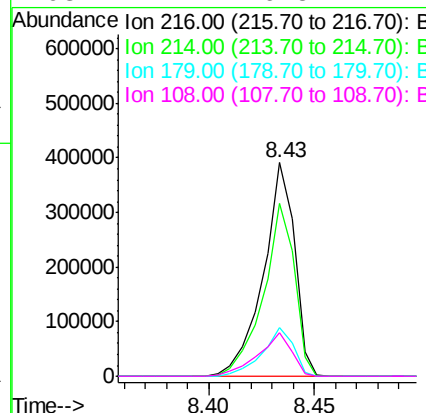
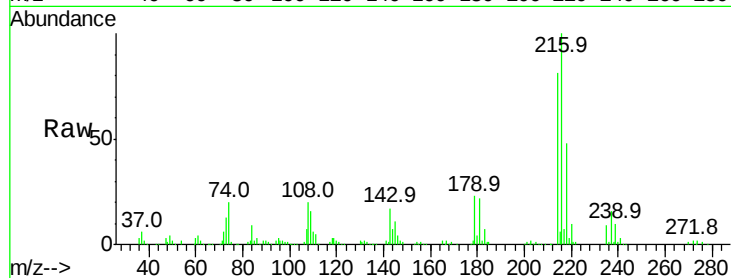




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.26 ng
 RT: 8.43 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

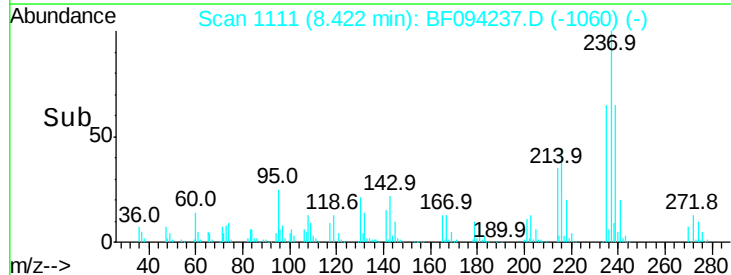
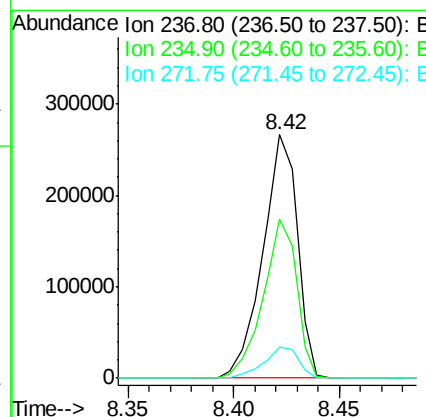
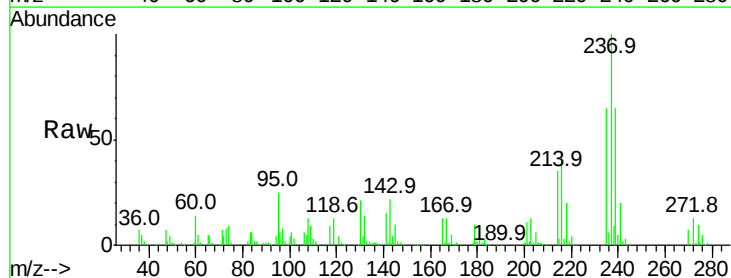
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion:	216	Resp:	403231
Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.4	95.2
179	22.6	17.9	26.9
108	21.7	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 72.57 ng
 RT: 8.42 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion:	237	Resp:	302548
Ion	Ratio	Lower	Upper
237	100		
235	65.2	42.6	82.6
272	12.8	0.0	31.9





#41

2,4,6-Tribromophenol

Concen: 151.21 ng

RT: 10.48 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

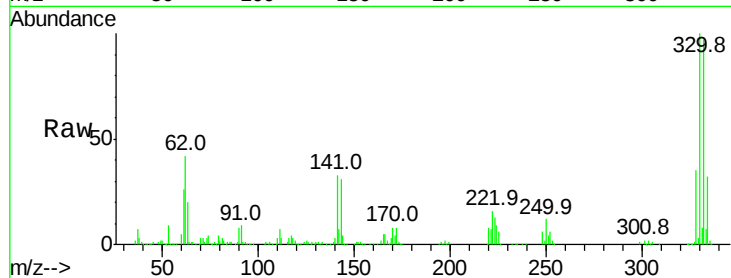
Tot Ion:330 Resp: 389126

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

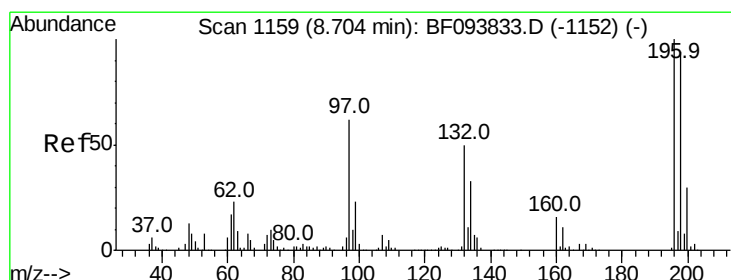
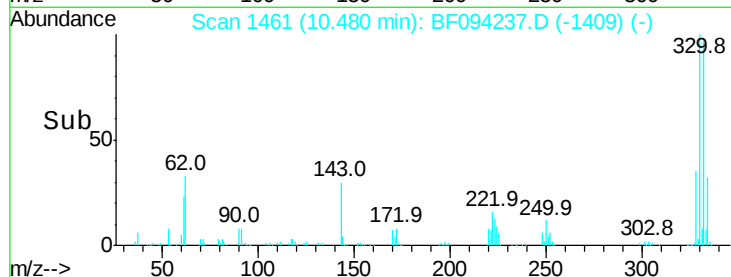
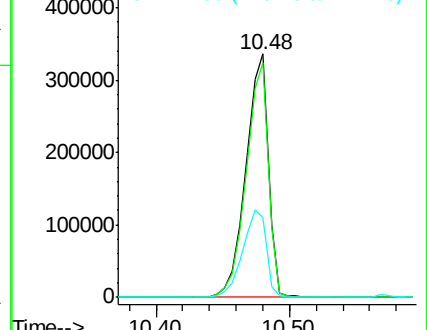
141 38.2 31.4 47.2



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: 53.24 ng

RT: 8.58 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

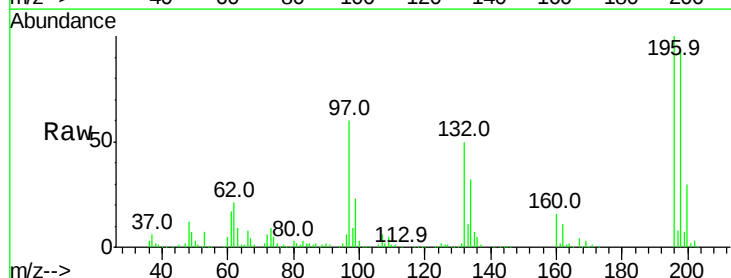
Tgt Ion:196 Resp: 335551

Ion Ratio Lower Upper

196 100

198 93.5 74.2 111.4

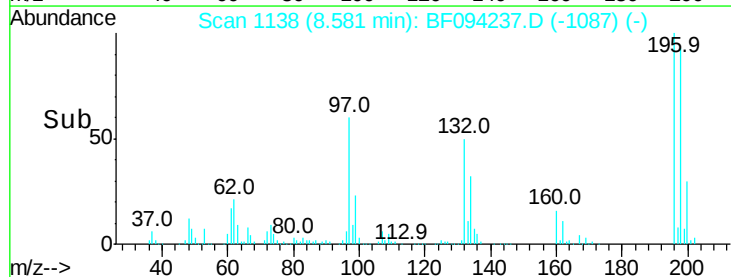
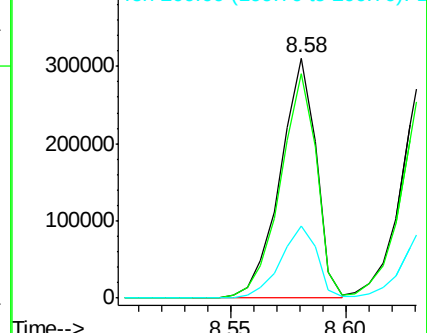
200 29.9 24.0 36.0



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

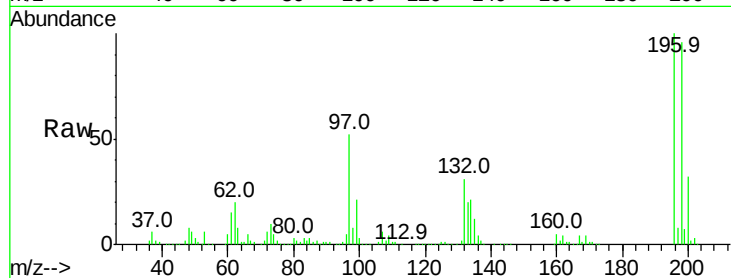




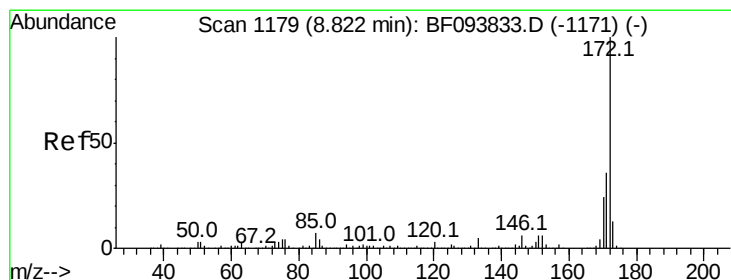
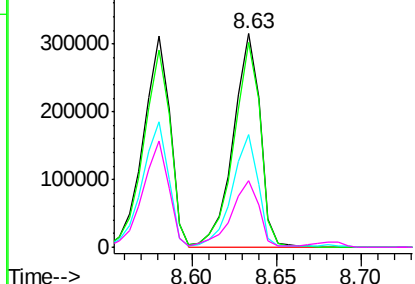
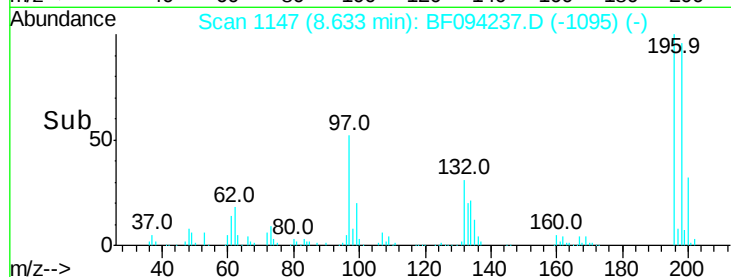
#43
 2,4,5-Trichlorophenol
 Concen: 50.94 ng
 RT: 8.63 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion:196 Resp: 347436
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.7 113.5
 97 52.5 47.7 71.5
 132 31.4 28.0 42.0

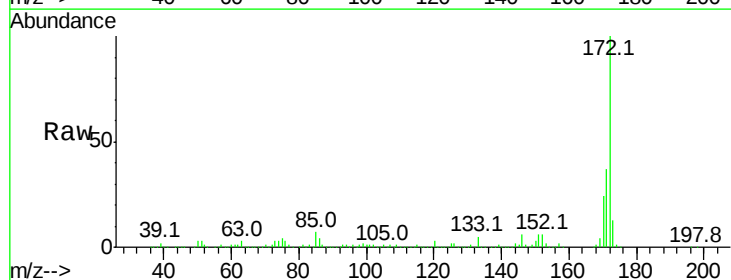


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

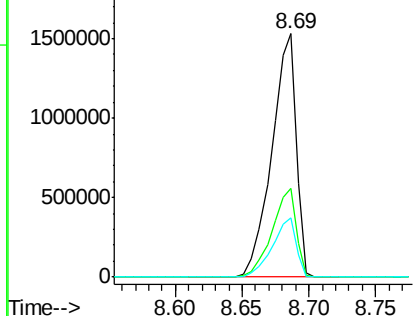
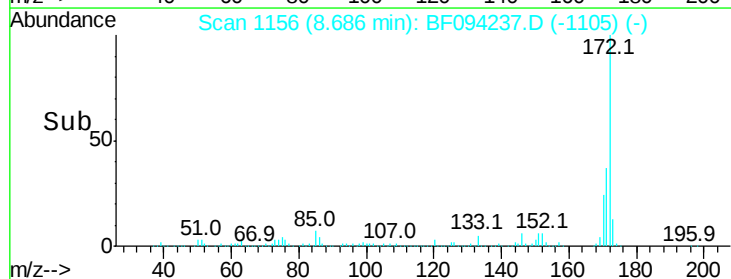


#44
 2-Fluorobiphenyl
 Concen: 91.73 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion:172 Resp: 1958519
 Ion Ratio Lower Upper
 172 100
 171 36.6 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: 46.40 ng

RT: 8.80 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

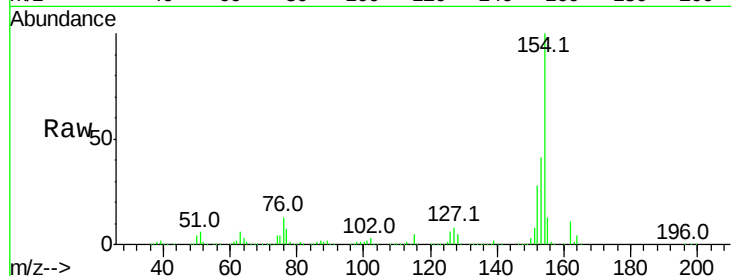
Tot Ion:154 Resp: 1218737

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

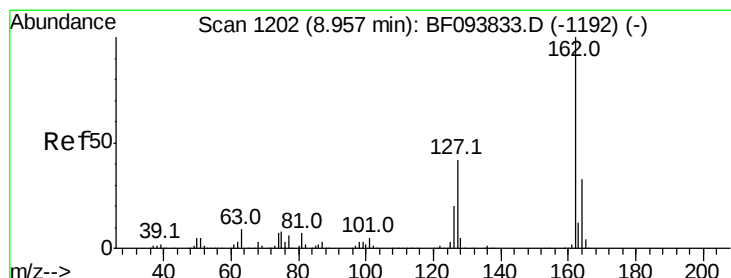
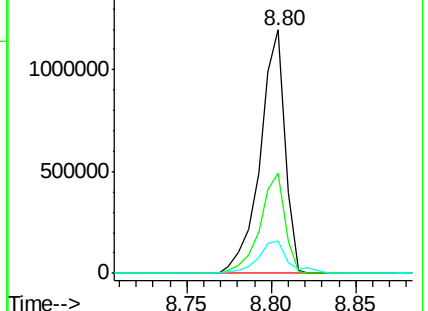
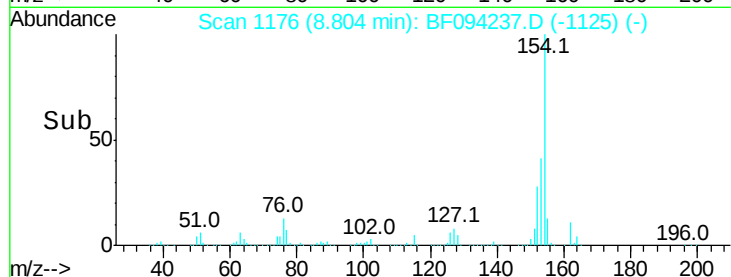
76 13.1 0.0 29.9



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: 47.90 ng

RT: 8.82 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

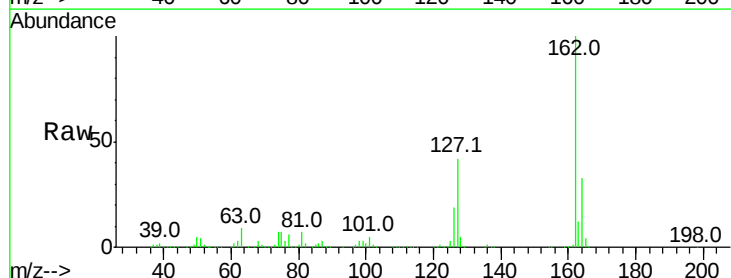
Tgt Ion:162 Resp: 984811

Ion Ratio Lower Upper

162 100

127 41.8 28.3 42.5

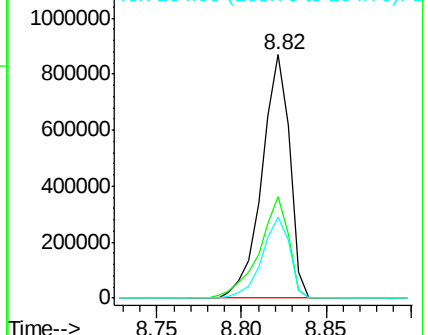
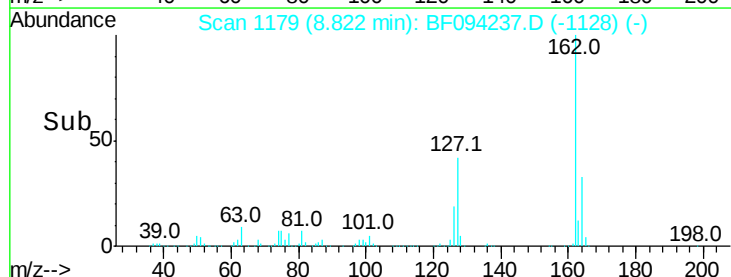
164 33.5 27.0 40.4

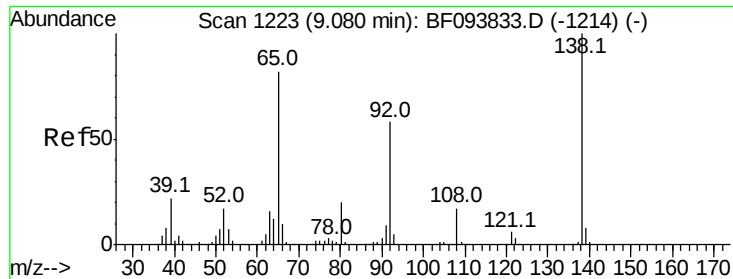


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

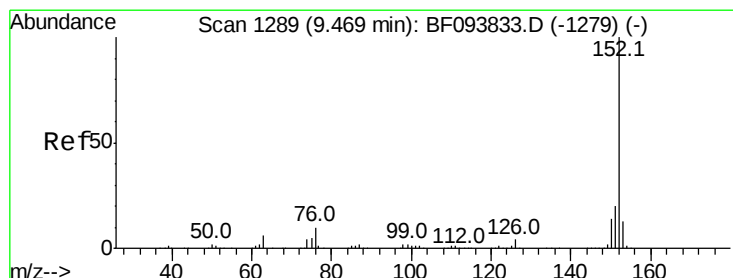
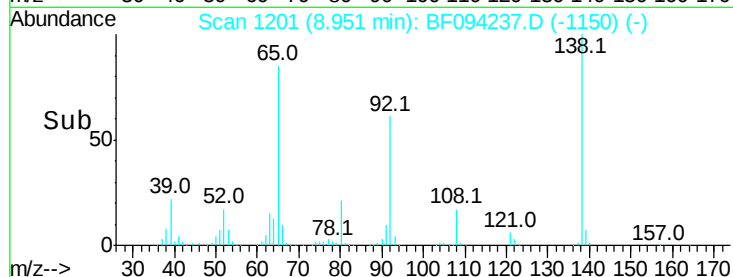
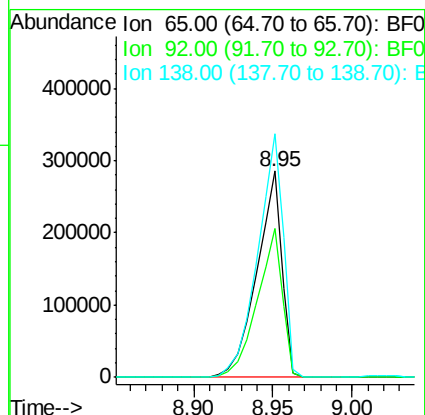
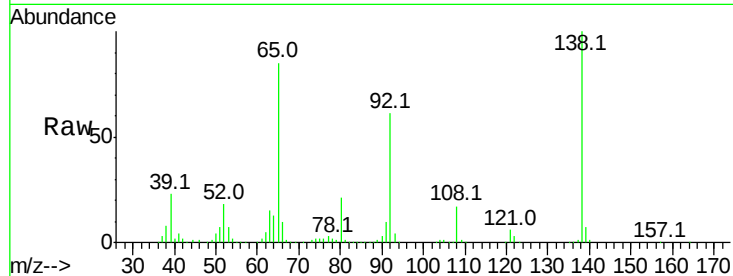




#47
2-Nitroaniline
Concen: 51.92 ng
RT: 8.95 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

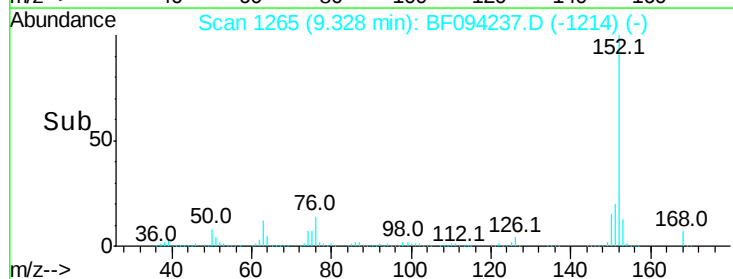
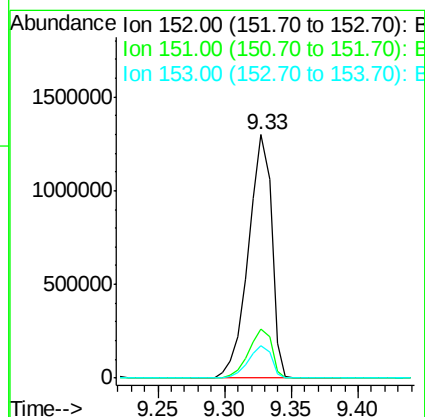
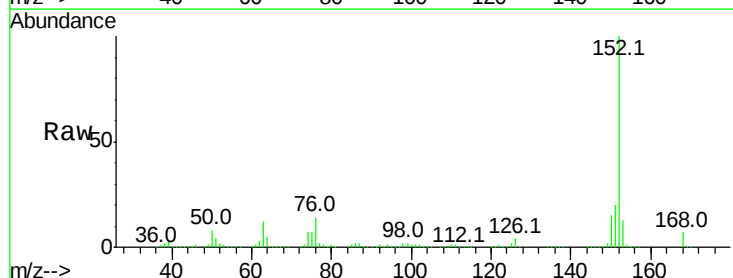
Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

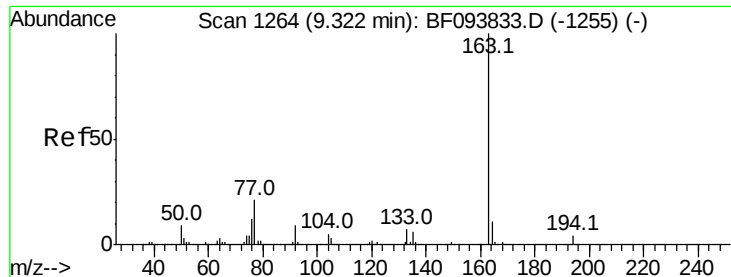
Tot Ion: 65 Resp: 316659
Ion Ratio Lower Upper
65 100
92 72.3 53.9 80.9
138 118.1 78.8 118.2



#48
Acenaphthylene
Concen: 45.36 ng
RT: 9.33 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion:152 Resp: 1549888
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.5 10.8 16.2

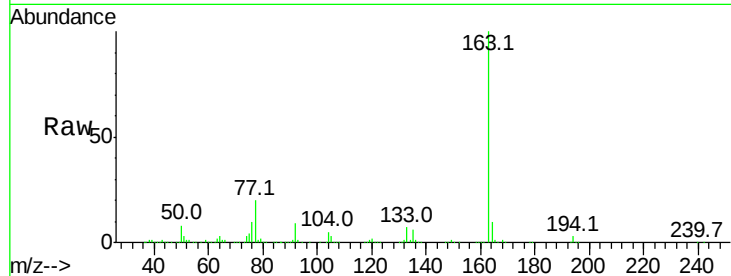




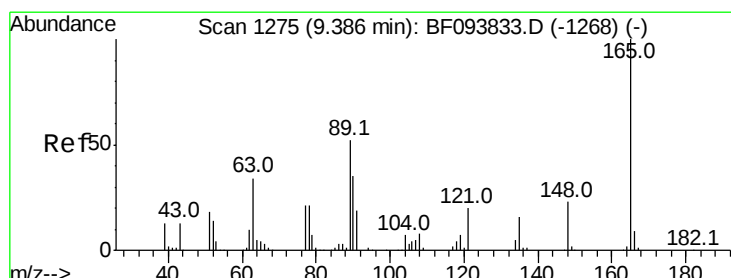
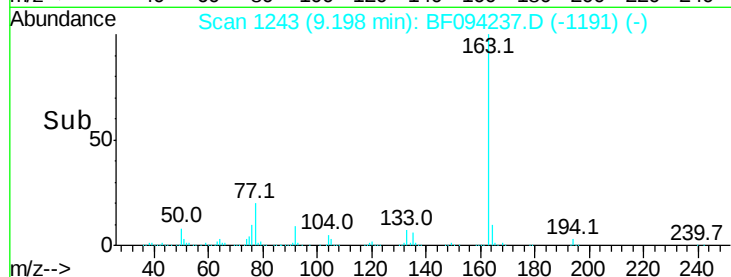
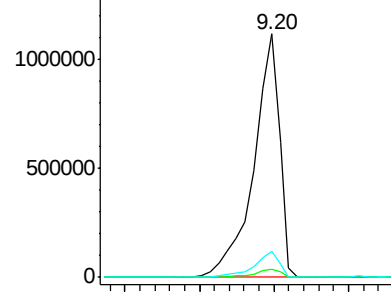
#49
Dimethylphthalate
Concen: 57.71 ng
RT: 9.20 min Scan# 1243
Delta R.T. 0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion:163 Resp: 1335958
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.4 8.4 12.6

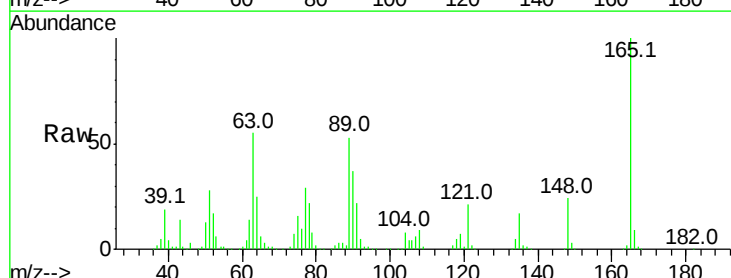


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

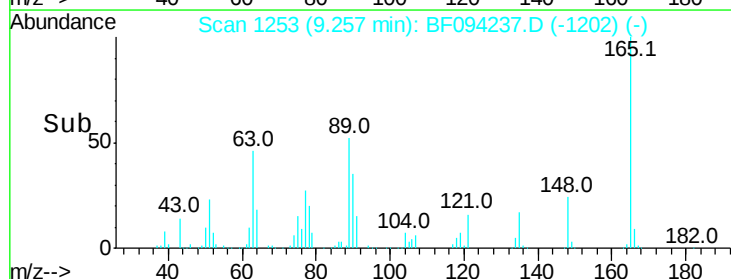
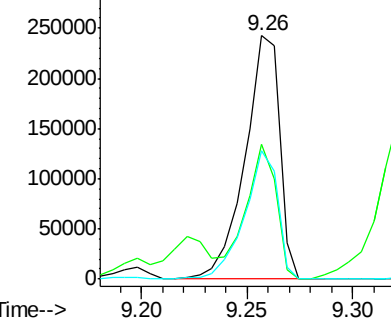


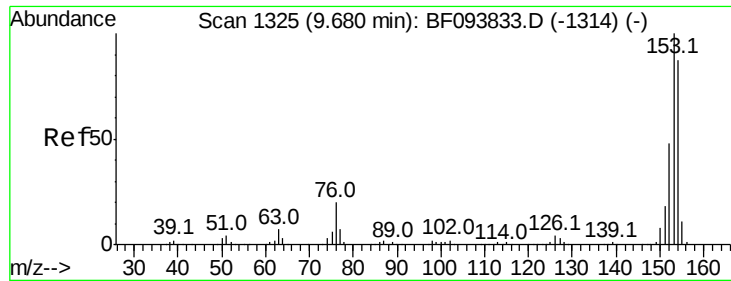
#50
2,6-Dinitrotoluene
Concen: 52.21 ng
RT: 9.26 min Scan# 1253
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion:165 Resp: 277071
Ion Ratio Lower Upper
165 100
63 55.3 34.3 51.5#
89 52.6 37.1 55.7



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





#51

Acenaphthene

Concen: 46.47 ng

RT: 9.54 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

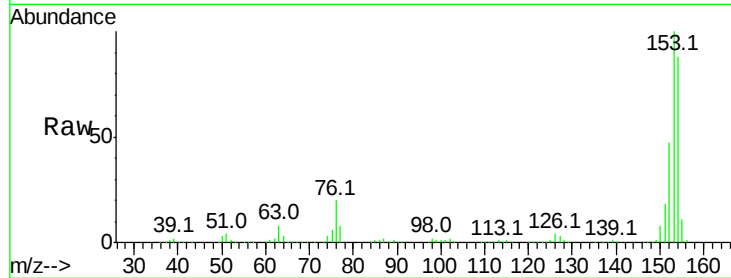
Tot Ion:154 Resp: 926518

Ion Ratio Lower Upper

154 100

153 114.0 90.5 135.7

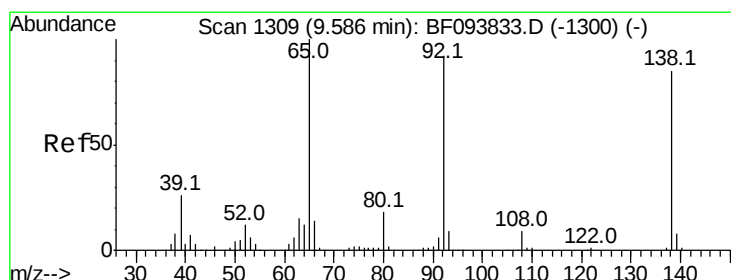
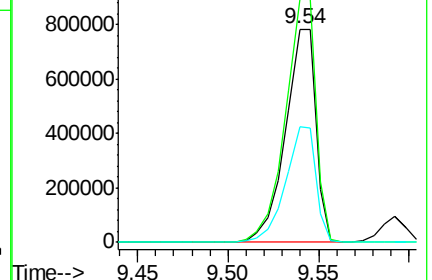
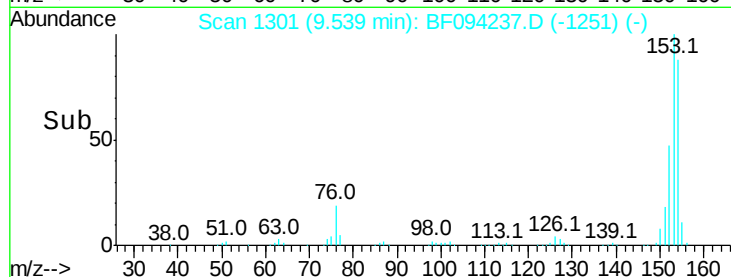
152 54.0 43.6 65.4



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: 24.69 ng

RT: 9.46 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

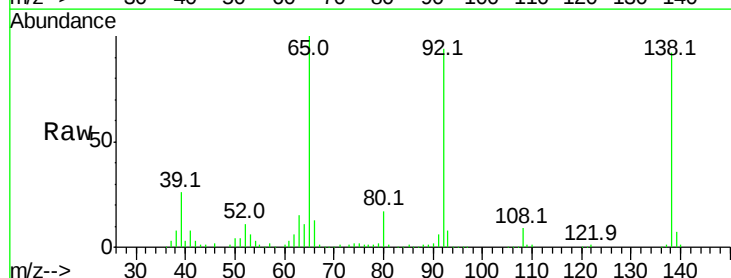
Tgt Ion:138 Resp: 153875

Ion Ratio Lower Upper

138 100

108 9.9 9.1 13.7

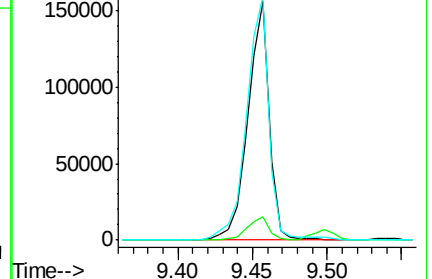
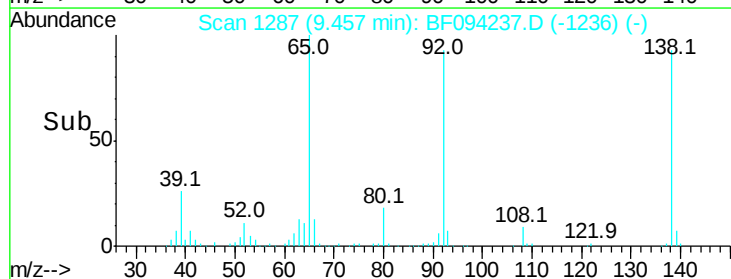
92 102.2 93.8 140.6

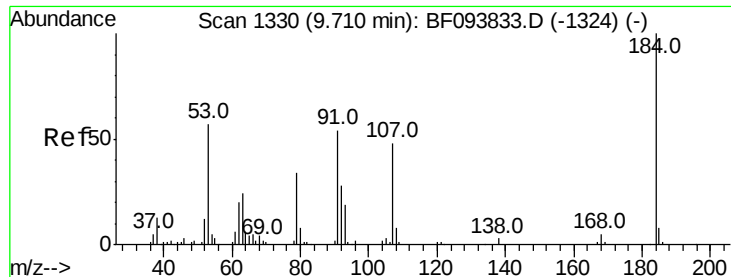


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

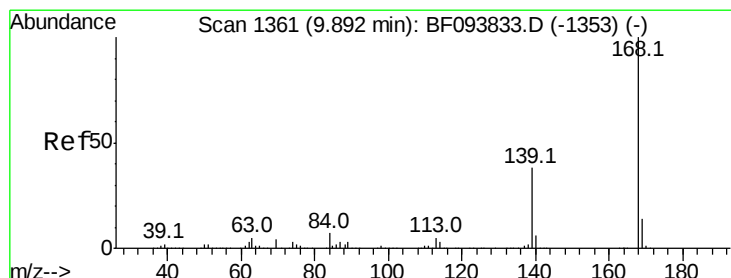
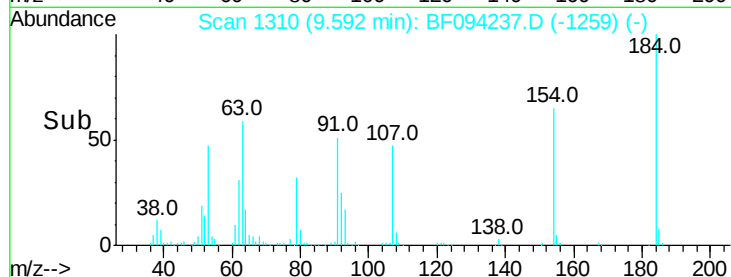
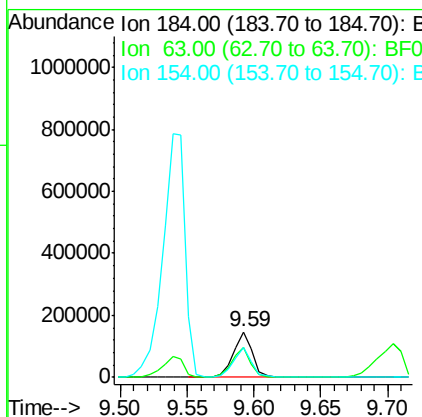
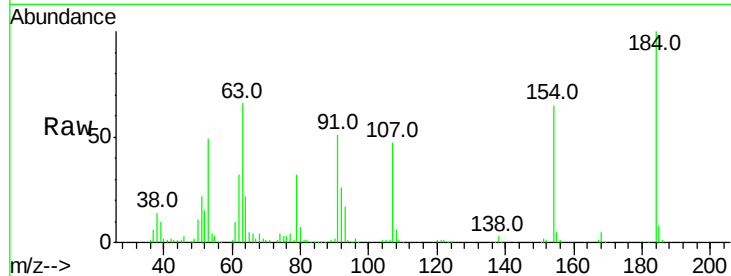




#53
 2,4-Dinitrophenol
 Concen: 54.68 ng
 RT: 9.59 min Scan# 1310
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

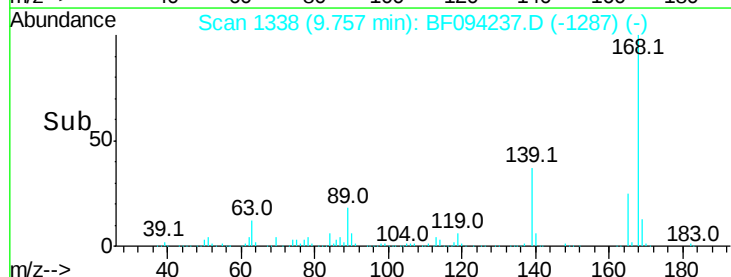
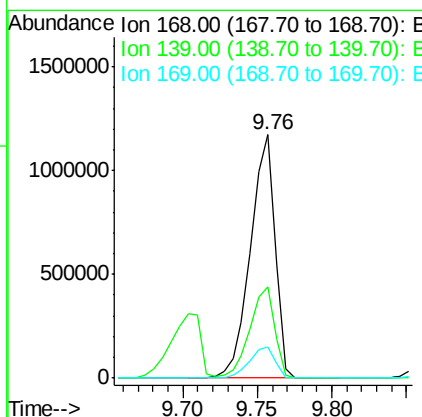
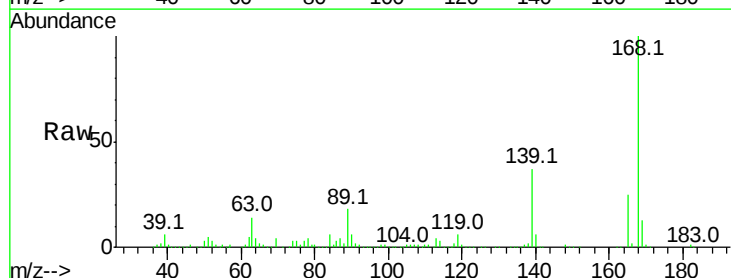
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

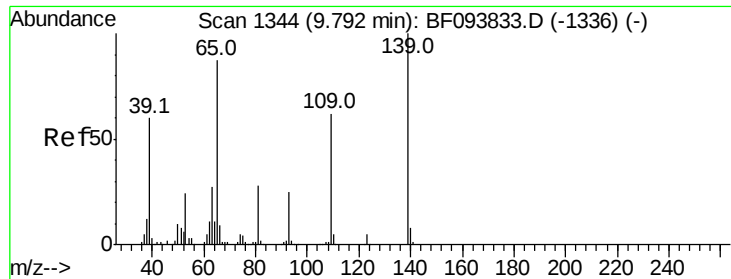
Tot Ion:184 Resp: 150827
 Ion Ratio Lower Upper
 184 100
 63 65.8 62.7 94.1
 154 65.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 49.00 ng
 RT: 9.76 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion:168 Resp: 1329991
 Ion Ratio Lower Upper
 168 100
 139 37.4 30.6 45.8
 169 13.0 10.8 16.2





#55

4-Nitrophenol

Concen: 89.75 ng

RT: 9.70 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

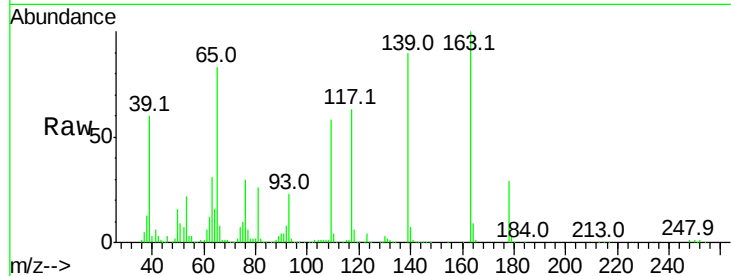
Tot Ion:139 Resp: 437981

Ion Ratio Lower Upper

139 100

109 63.9 34.1 74.1

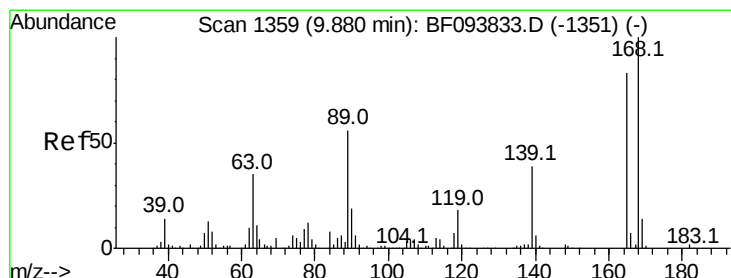
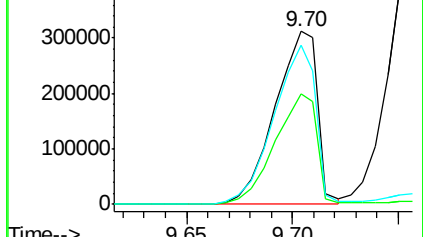
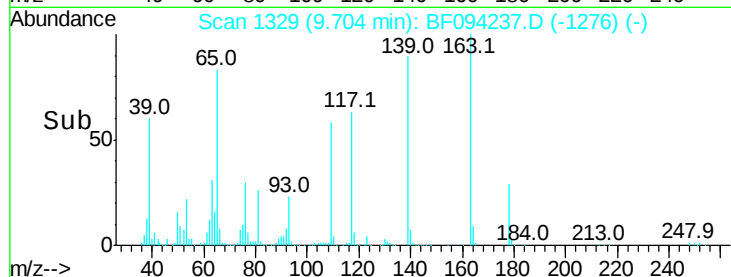
65 91.9 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.81 ng

RT: 9.76 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Tgt Ion:165 Resp: 325367

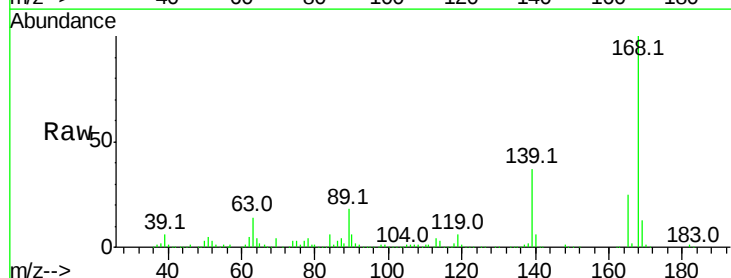
Ion Ratio Lower Upper

165 100

63 56.2 25.4 38.0#

89 74.8 46.4 69.6#

182 2.2 1.8 2.6

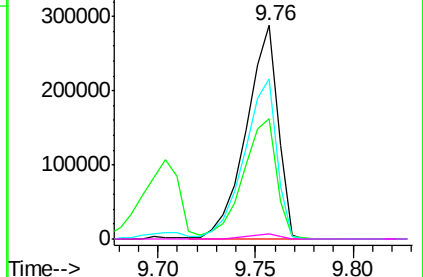
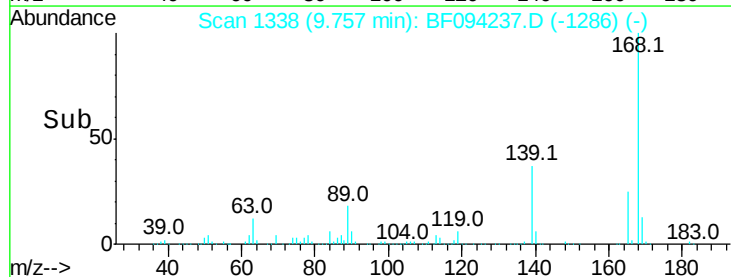


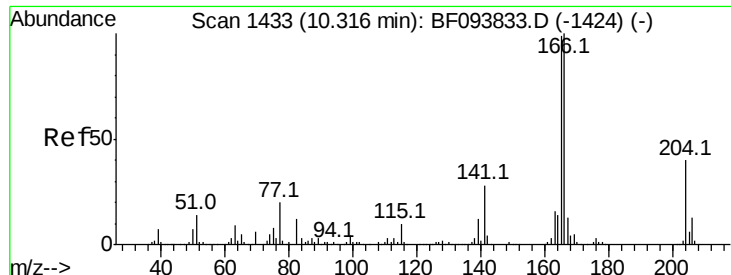
Abundance Ion 165.00 (164.70 to 165.70): E

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

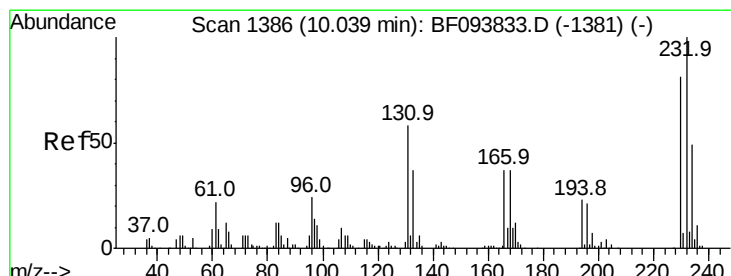
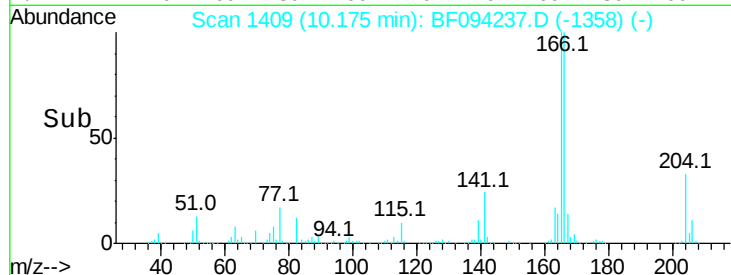
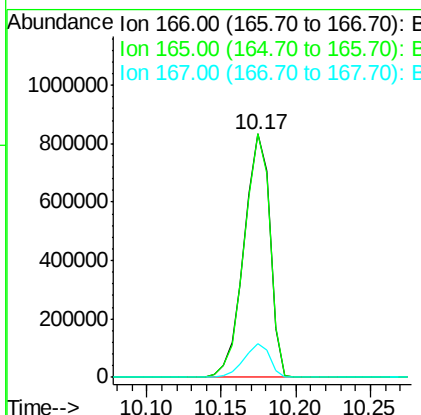
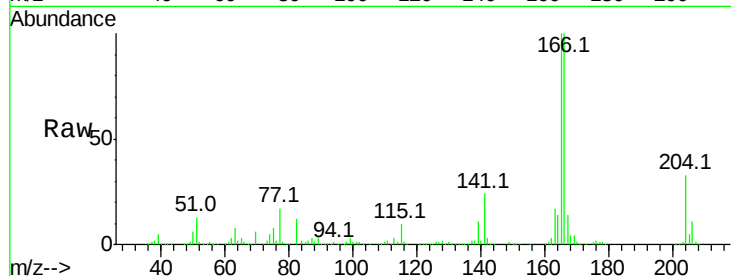




#57
Fluorene
 Concen: 44.49 ng
 RT: 10.17 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

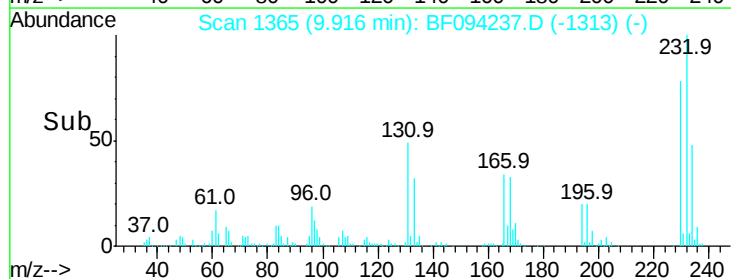
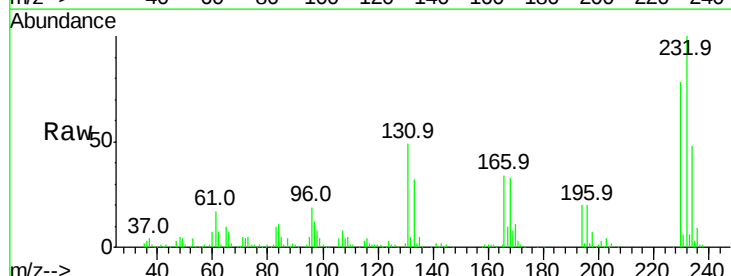
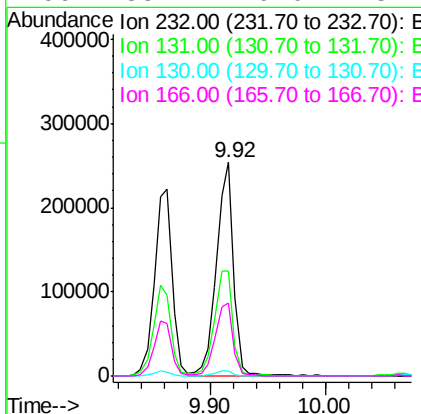
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

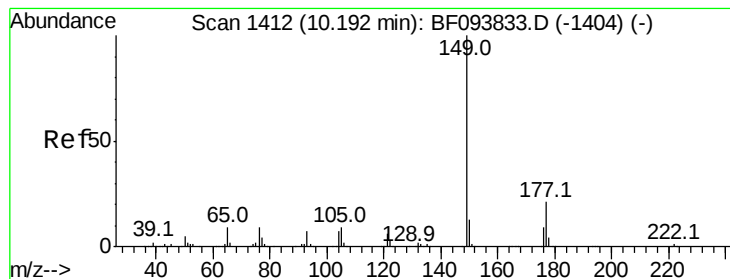
Tot Ion:166 Resp: 1001468
 Ion Ratio Lower Upper
 166 100
 165 100.1 78.8 118.2
 167 14.0 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 55.25 ng
 RT: 9.92 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion:232 Resp: 258555
 Ion Ratio Lower Upper
 232 100
 131 54.4 44.8 67.2
 130 2.7 2.3 3.5
 166 35.1 29.0 43.4





#59

Diethylphthalate

Concen: 50.09 ng

RT: 10.06 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

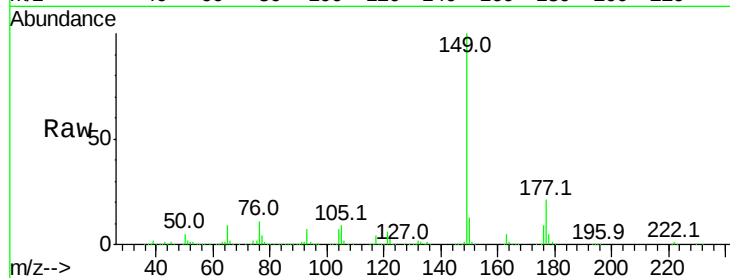
Tot Ion:149 Resp: 1146039

Ion Ratio Lower Upper

149 100

177 21.4 16.7 25.1

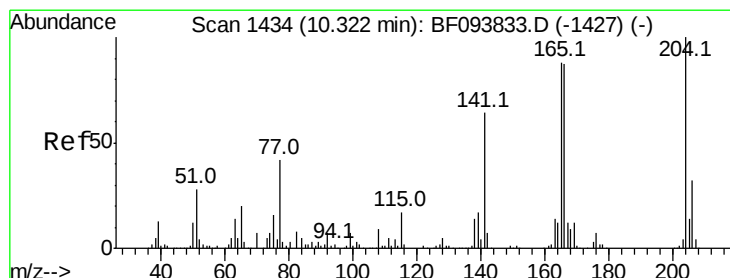
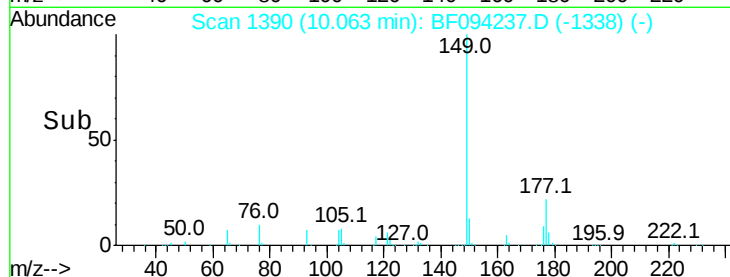
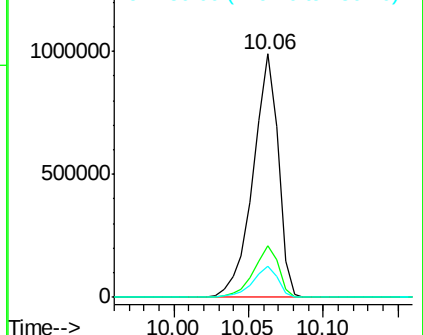
150 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.80 ng

RT: 10.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

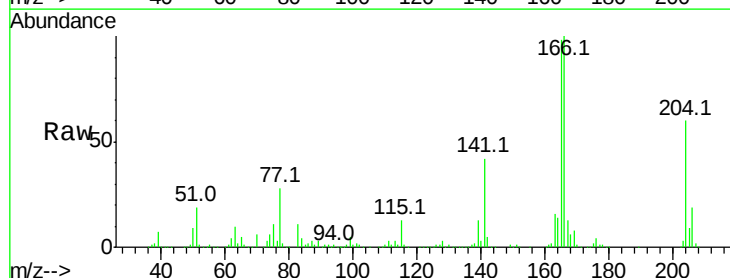
Tgt Ion:204 Resp: 429625

Ion Ratio Lower Upper

204 100

206 32.2 26.2 39.2

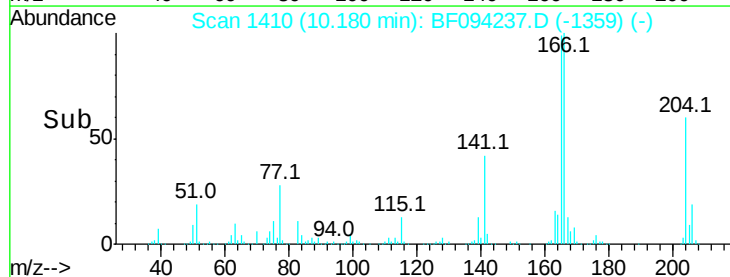
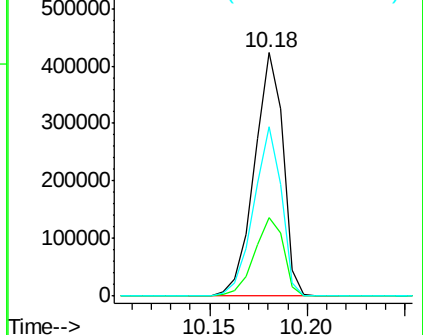
141 69.8 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

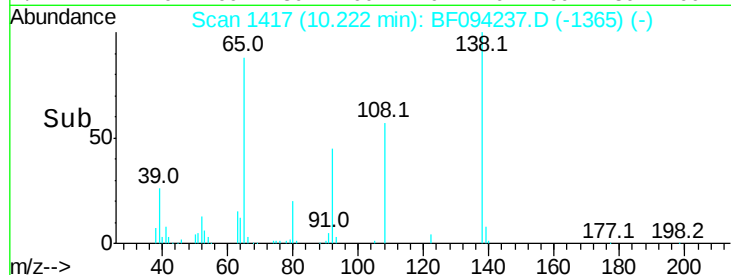
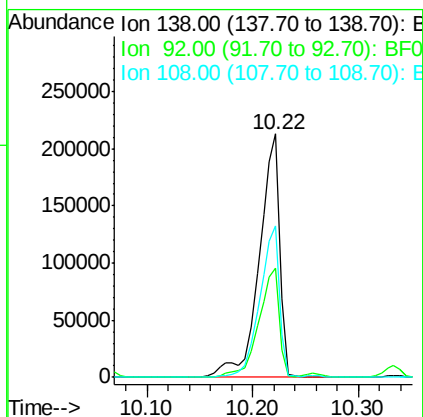
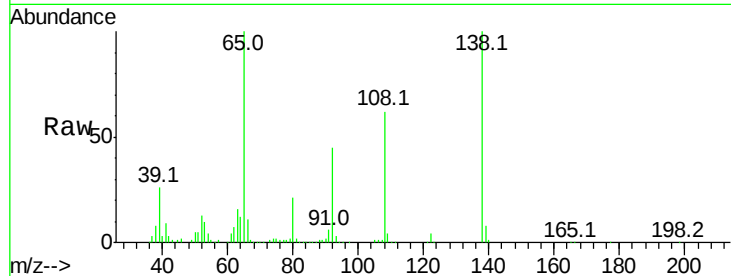




#61
4-Nitroaniline
Concen: 48.44 ng
RT: 10.22 min Scan# 1417
Delta R.T. 0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

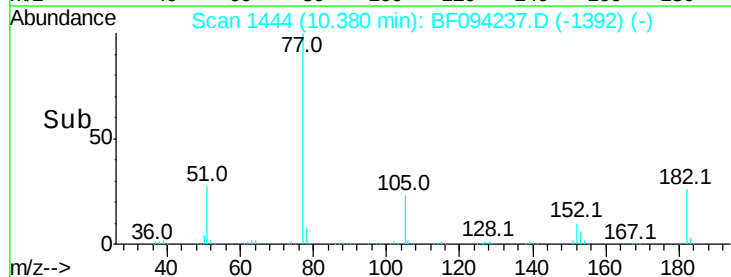
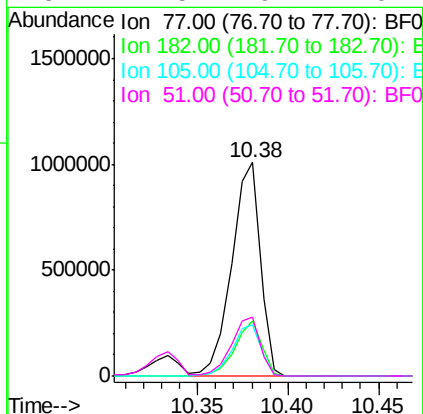
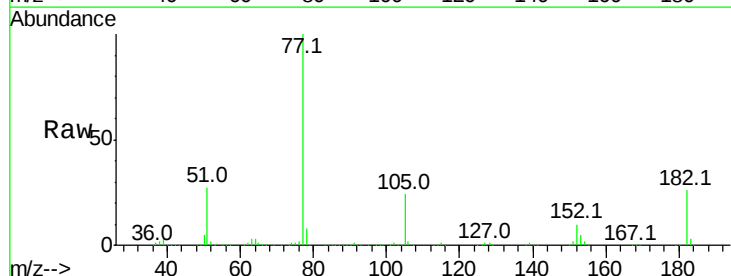
Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

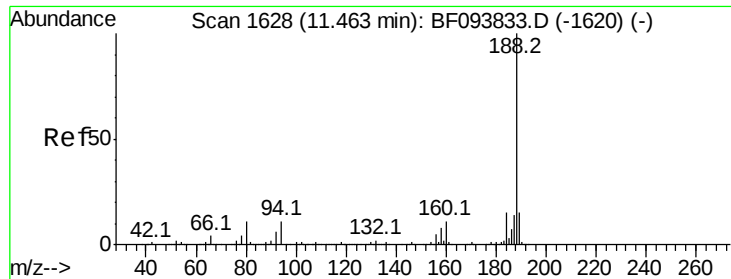
Tot Ion:138 Resp: 289656
Ion Ratio Lower Upper
138 100
92 45.1 21.8 61.8
108 62.3 42.3 82.3



#62
Azobenzene
Concen: 51.11 ng
RT: 10.38 min Scan# 1444
Delta R.T. 0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion: 77 Resp: 1106243
Ion Ratio Lower Upper
77 100
182 26.0 0.1 40.1
105 24.1 3.6 43.6
51 27.5 9.4 49.4

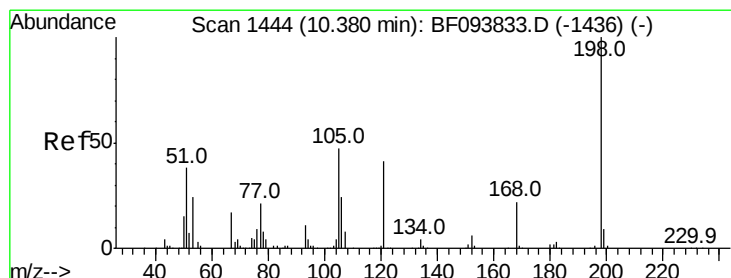
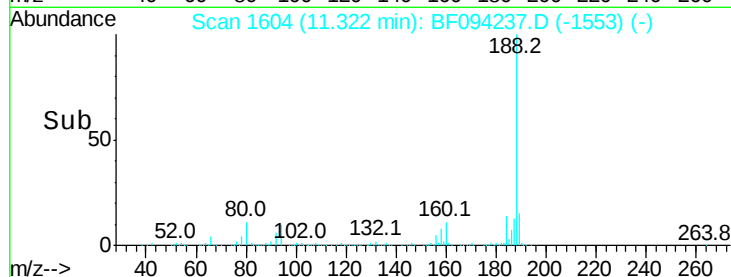
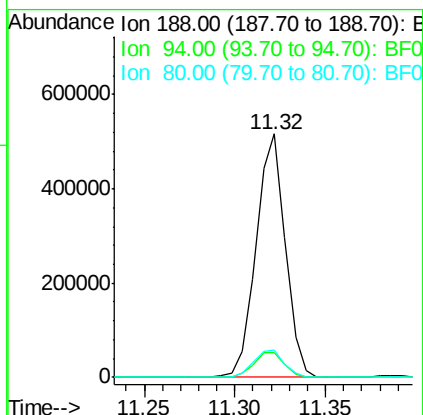
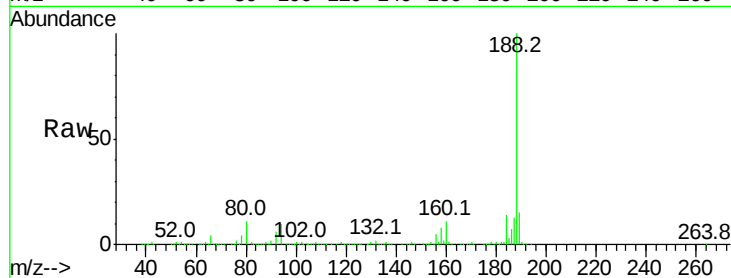




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

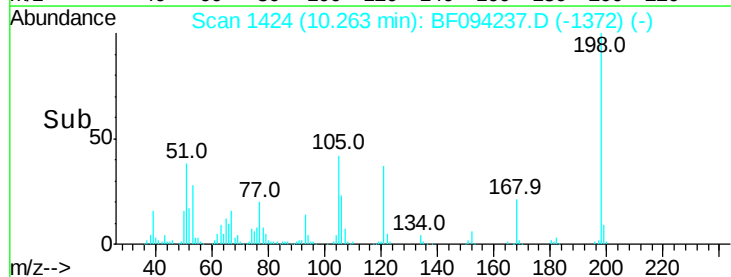
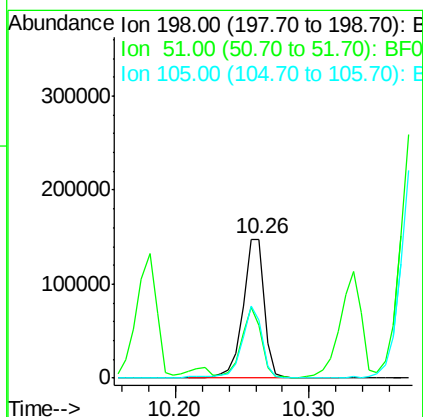
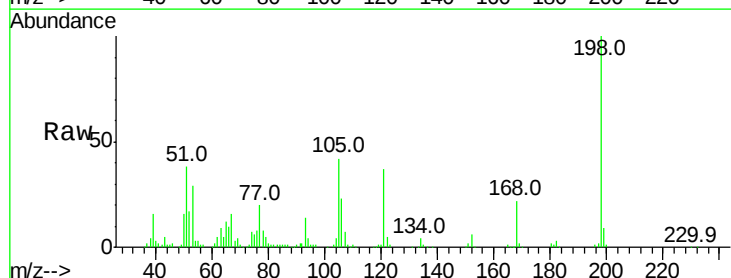
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

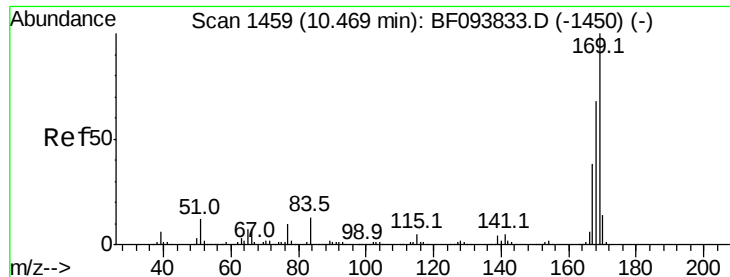
Tot Ion:188 Resp: 577069
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 11.3 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 46.21 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion:198 Resp: 163310
 Ion Ratio Lower Upper
 198 100
 51 38.2 53.2 93.2#
 105 41.9 45.8 85.8#

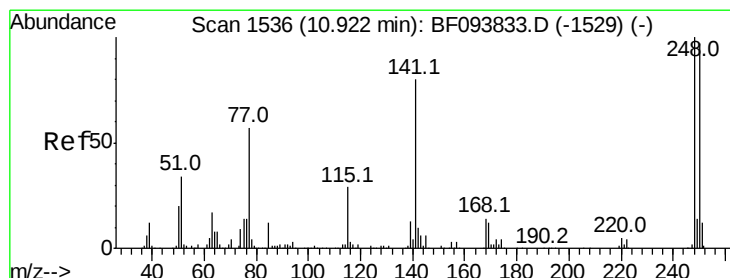
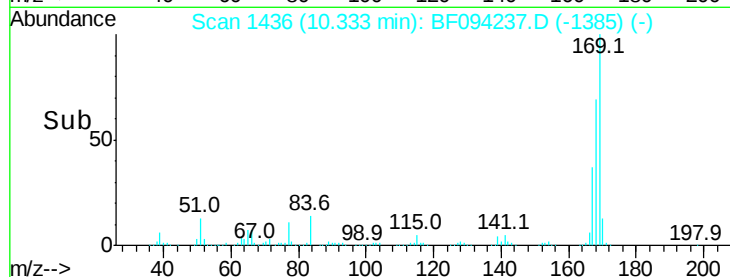
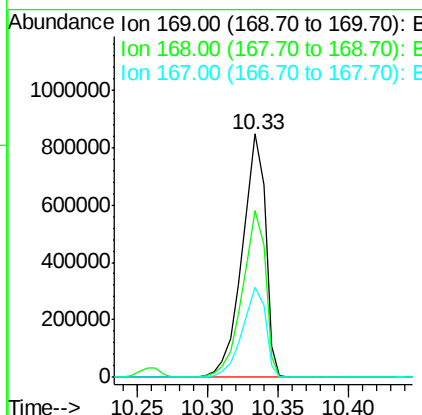
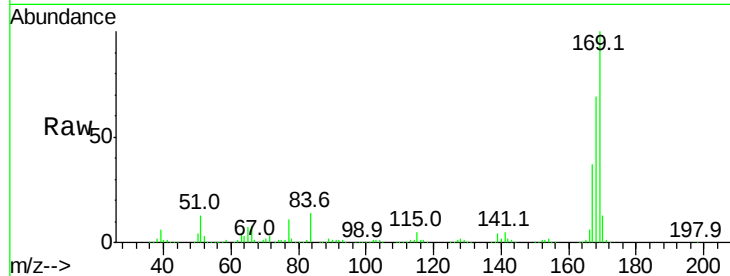




#65
n-Nitrosodiphenylamine
Concen: 49.12 ng
RT: 10.33 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

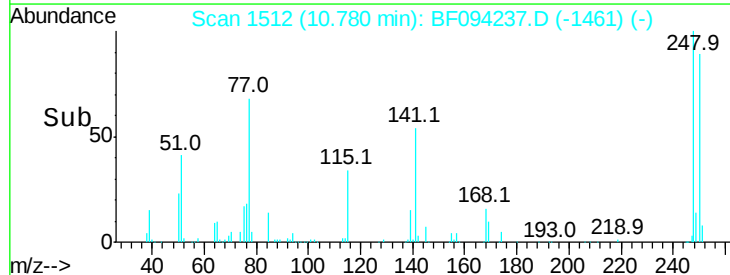
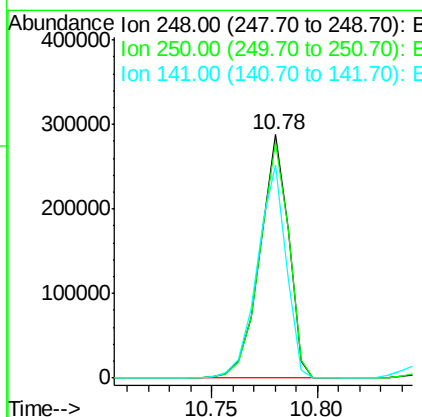
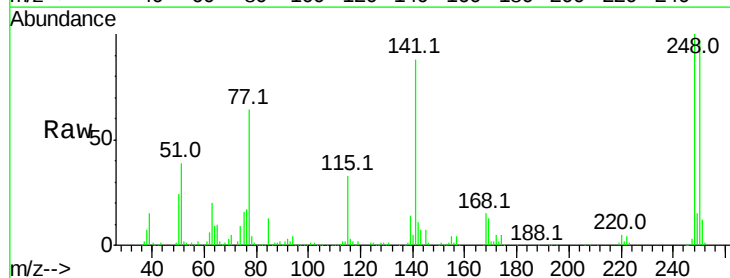
Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion:169 Resp: 980221
Ion Ratio Lower Upper
169 100
168 68.6 53.2 79.8
167 37.1 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 47.96 ng
RT: 10.78 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion:248 Resp: 272207
Ion Ratio Lower Upper
248 100
250 96.8 76.8 115.2
141 87.7 68.6 103.0





#67

Hexachlorobenzene

Concen: 48.53 ng

RT: 10.85 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

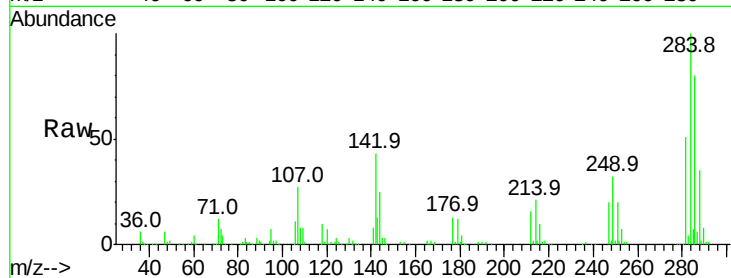
Tot Ion:284 Resp: 278793

Ion Ratio Lower Upper

284 100

142 42.7 22.8 34.2#

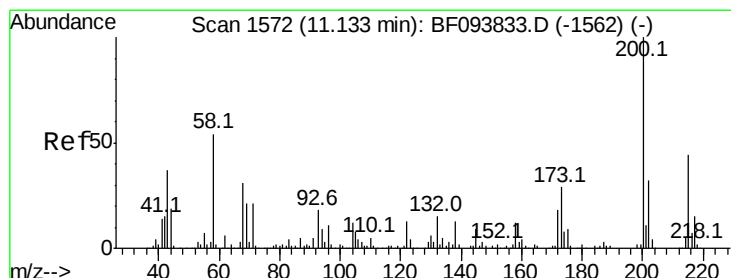
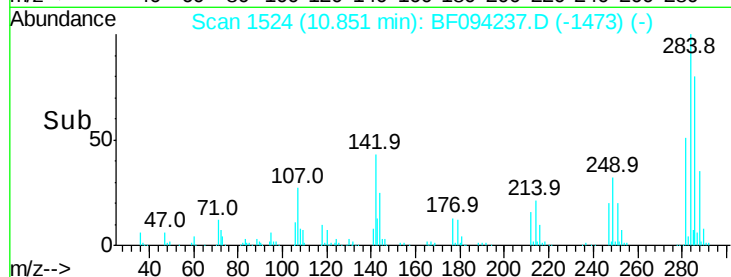
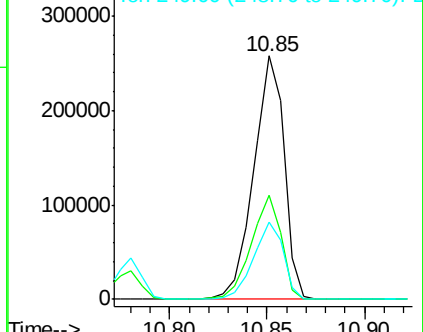
249 31.8 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.56 ng

RT: 11.00 min Scan# 1550

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

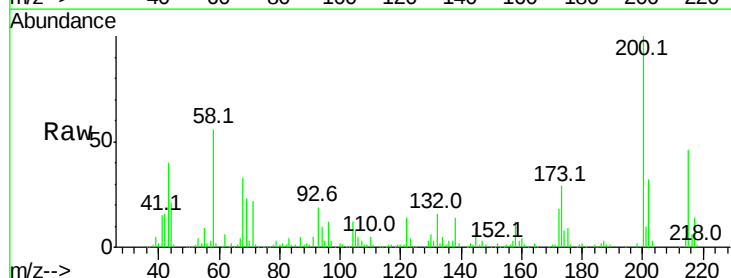
Tgt Ion:200 Resp: 290254

Ion Ratio Lower Upper

200 100

173 29.5 6.3 46.3

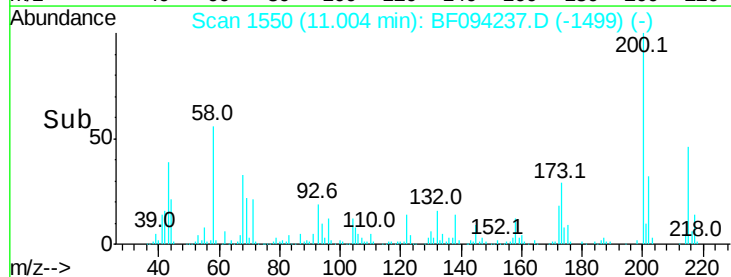
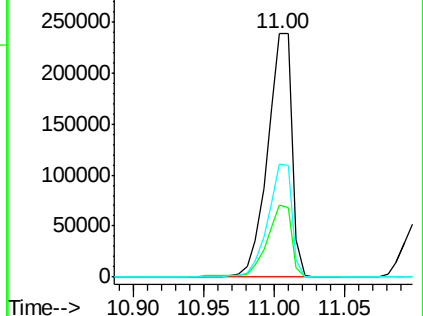
215 46.3 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 84.09 ng

RT: 11.10 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

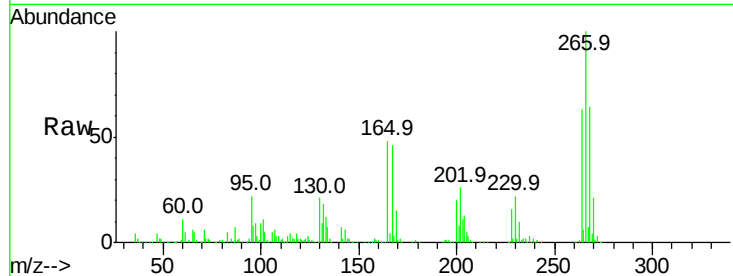
Tot Ion:266 Resp: 300699

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

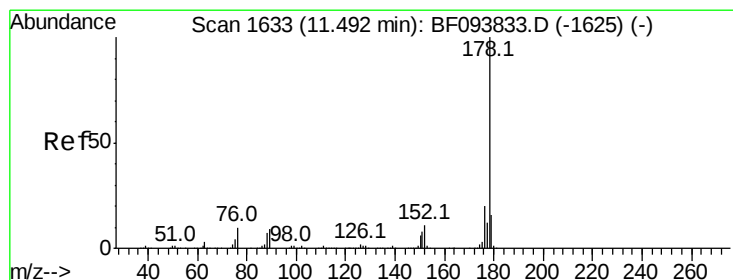
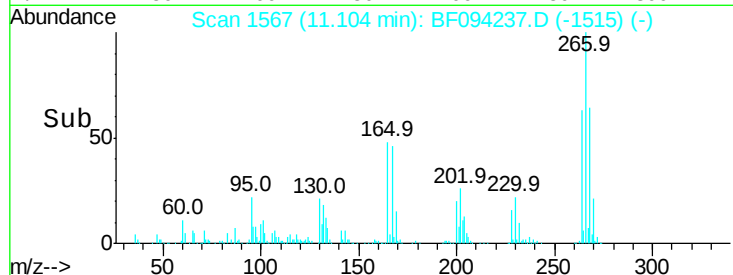
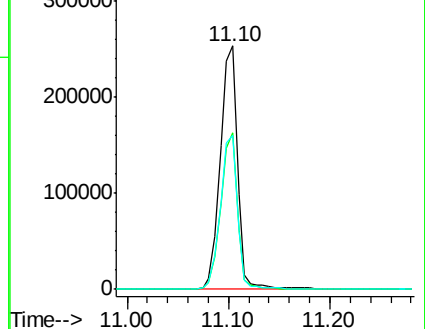
264 63.3 51.7 77.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 46.43 ng

RT: 11.36 min Scan# 1610

Delta R.T. 0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

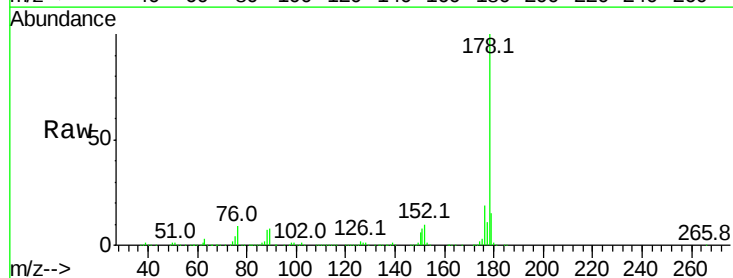
Tgt Ion:178 Resp: 1490518

Ion Ratio Lower Upper

178 100

176 19.4 16.2 24.4

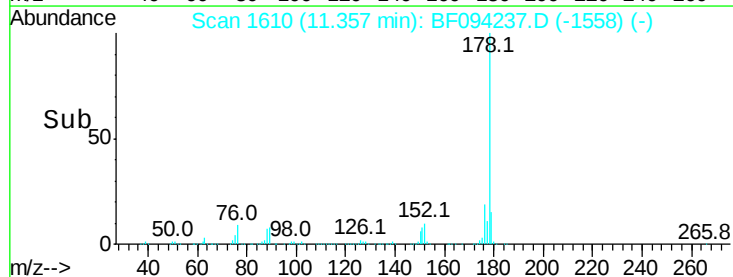
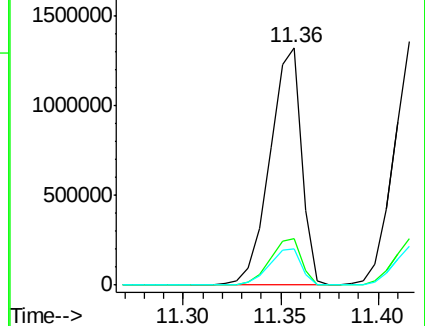
179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

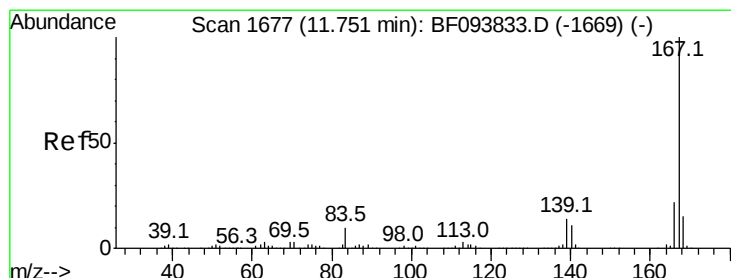
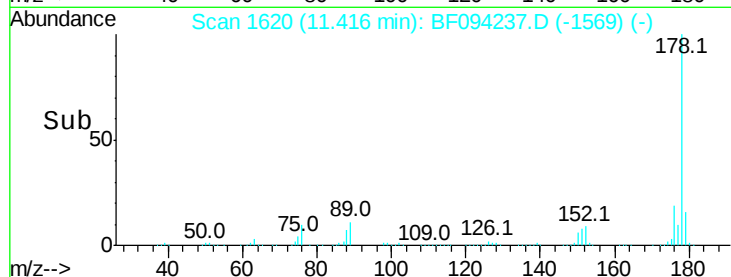
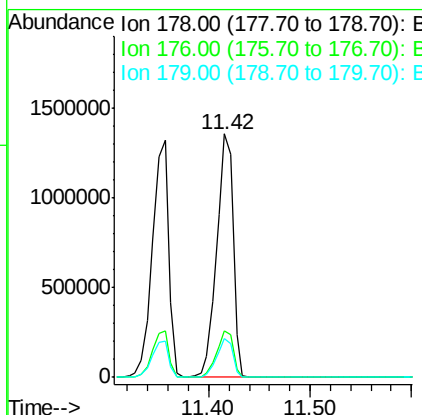
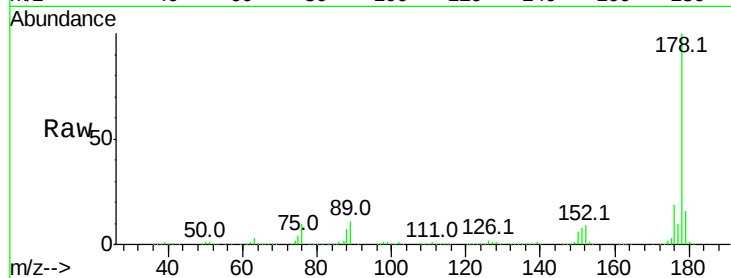




#71
 Anthracene
 Concen: 46.54 ng
 RT: 11.42 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

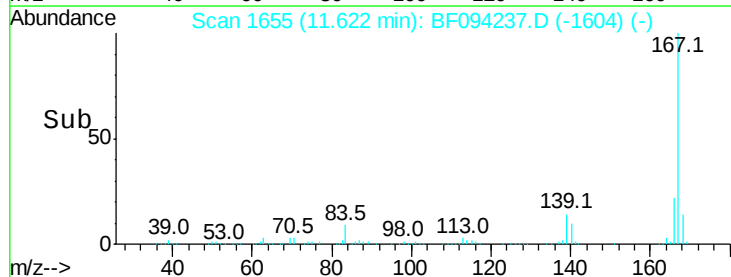
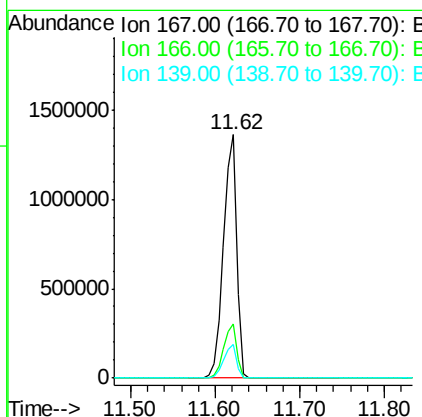
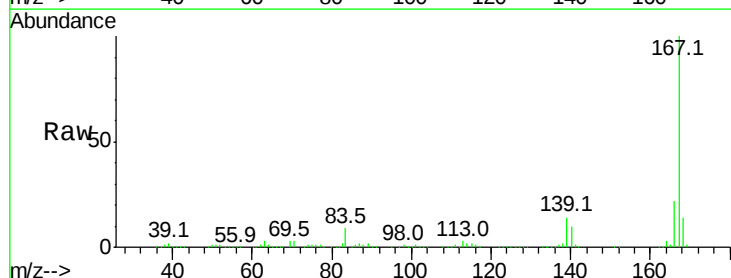
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

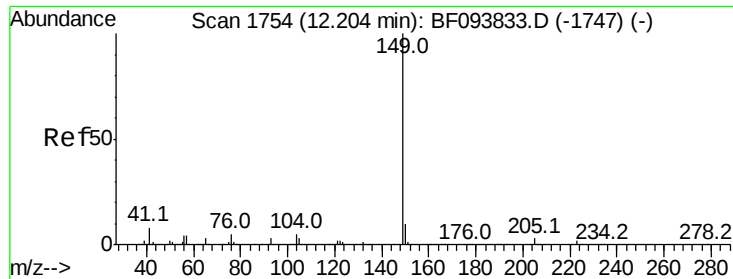
Tot Ion:178 Resp: 1538185
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 43.82 ng
 RT: 11.62 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion:167 Resp: 1485112
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.6 11.7 17.5

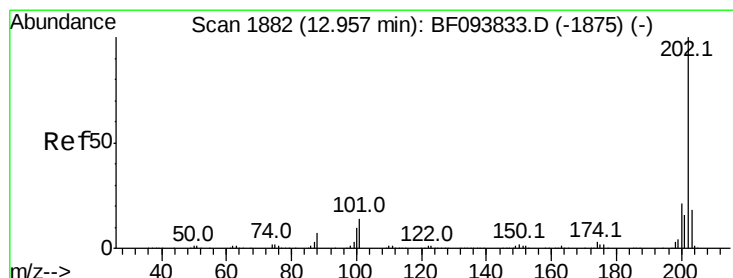
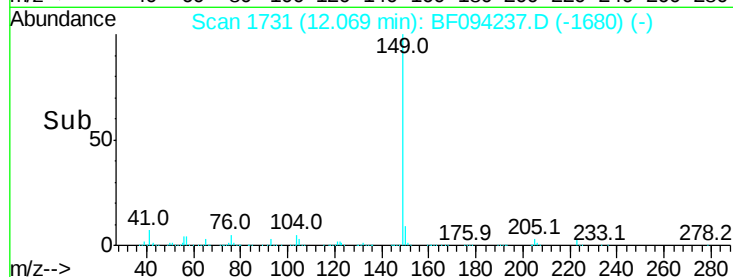
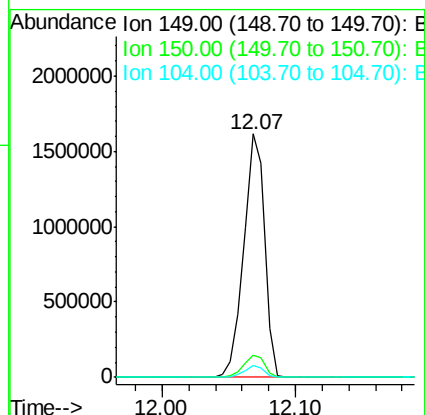
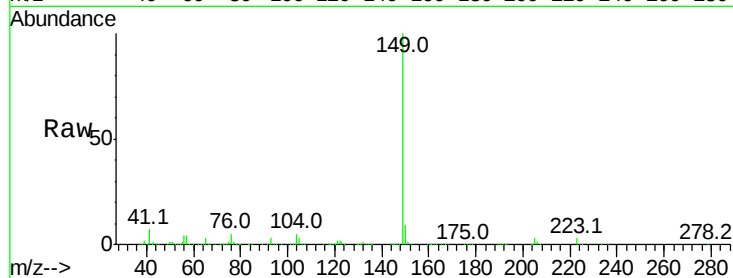




#73
Di-n-butylphthalate
Concen: 49.38 ng
RT: 12.07 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

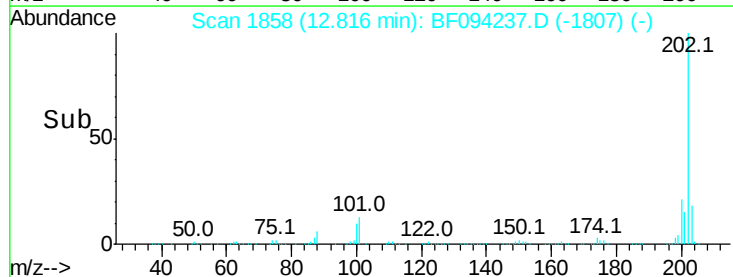
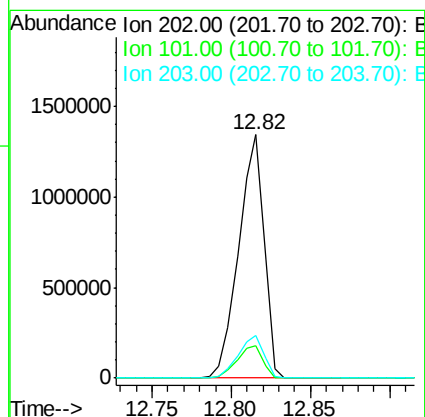
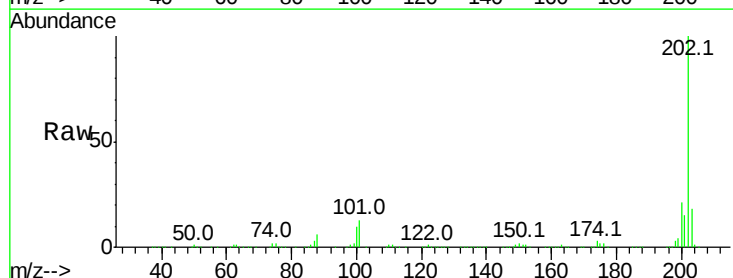
Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

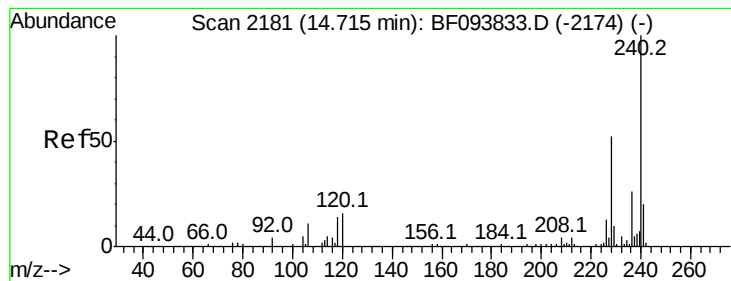
Tot Ion:149 Resp: 1740636
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.8 4.0 6.0



#74
Fluoranthene
Concen: 45.07 ng
RT: 12.82 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion:202 Resp: 1481466
Ion Ratio Lower Upper
202 100
101 13.4 0.0 33.2
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.57 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

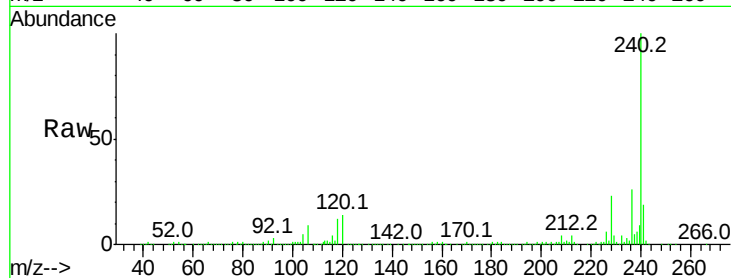
Tot Ion:240 Resp: 387504

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

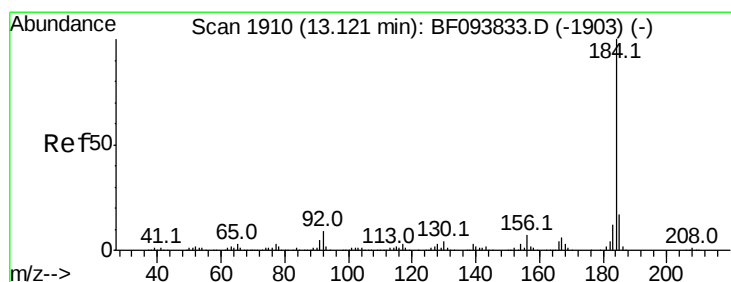
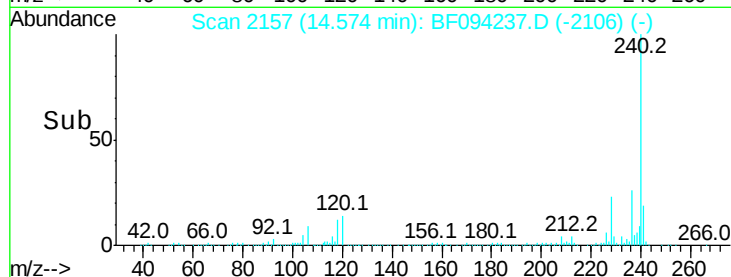
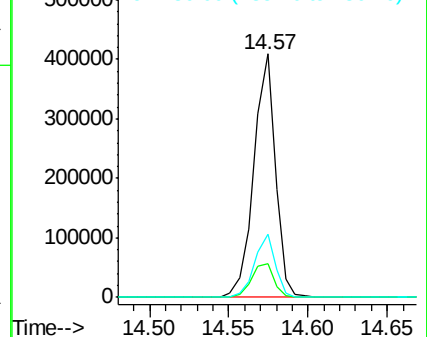
236 25.7 20.5 30.7



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: 20.35 ng

RT: 12.98 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

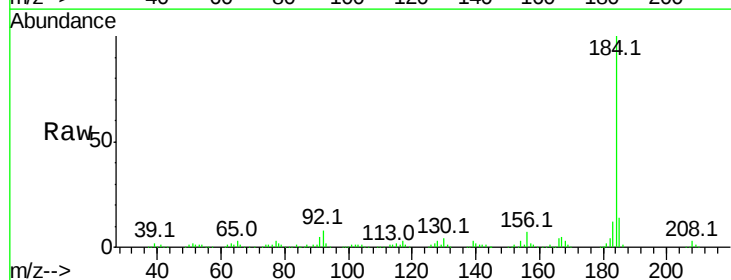
Tgt Ion:184 Resp: 312123

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

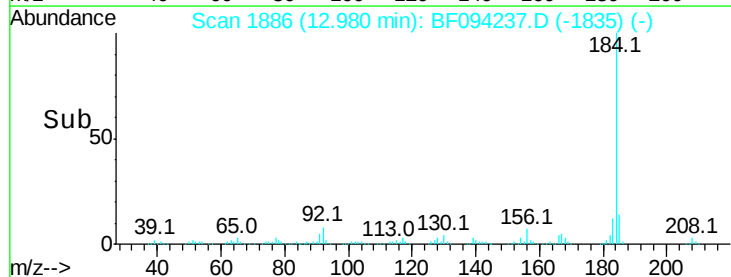
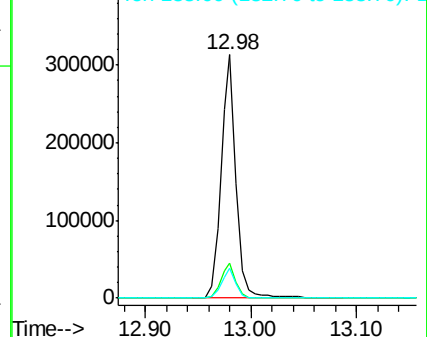
183 12.1 9.8 14.6



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



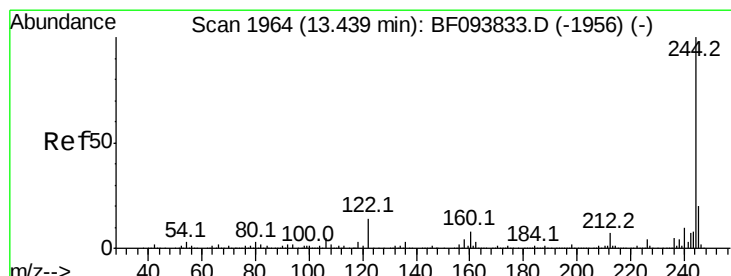
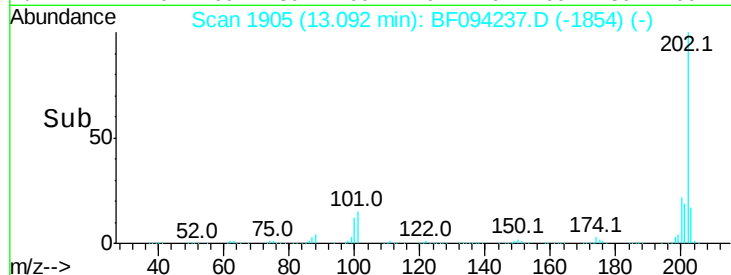
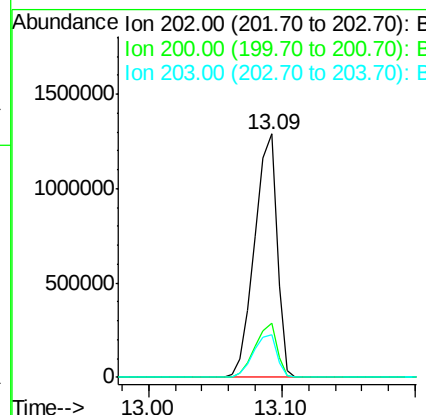
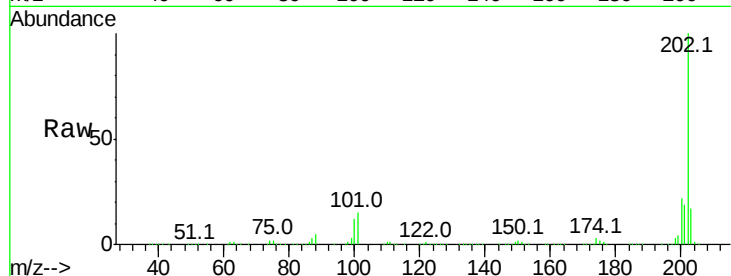


#77
 Pvrene
 Concen: 52.70 ng
 RT: 13.09 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion:202 Resp: 1482069

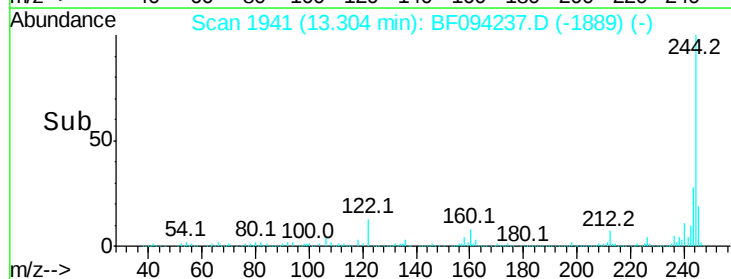
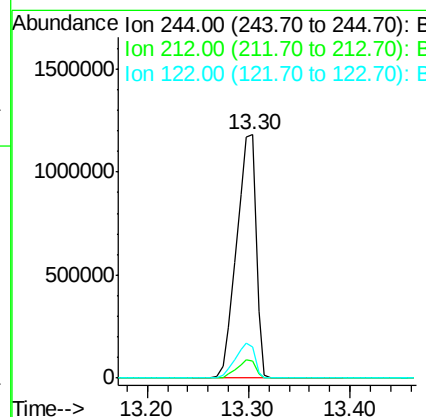
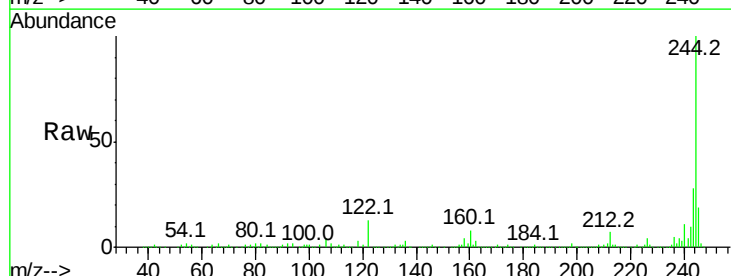
Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.4	14.4	21.6

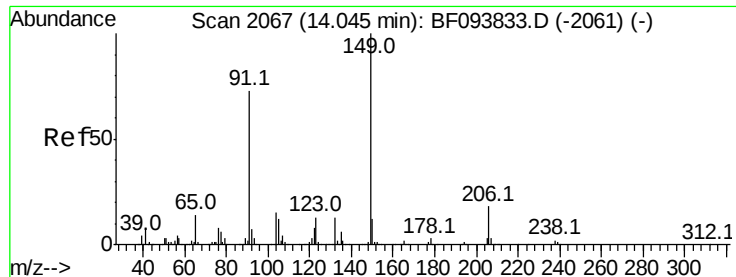


#78
 Terphenyl-d14
 Concen: 91.33 ng
 RT: 13.30 min Scan# 1941
 Delta R.T. 0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion:244 Resp: 1578843

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	12.6	10.3	15.5





#79

Butylbenzylphthalate

Concen: 59.98 ng

RT: 13.91 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

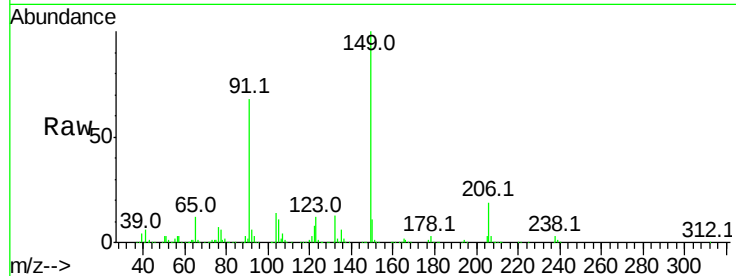
Tot Ion:149 Resp: 718666

Ion Ratio Lower Upper

149 100

91 68.5 45.0 67.4#

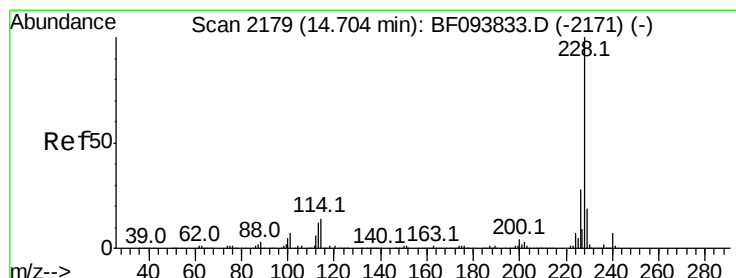
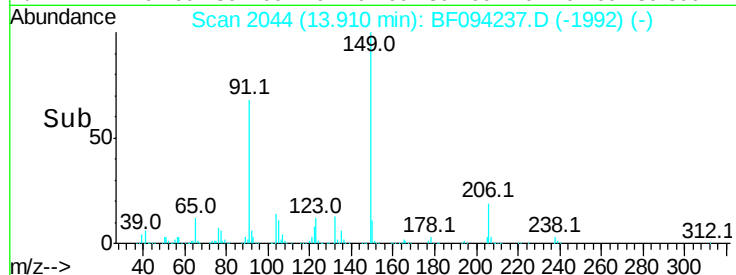
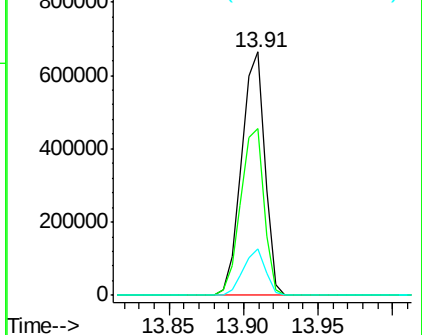
206 19.2 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.23 ng

RT: 14.56 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

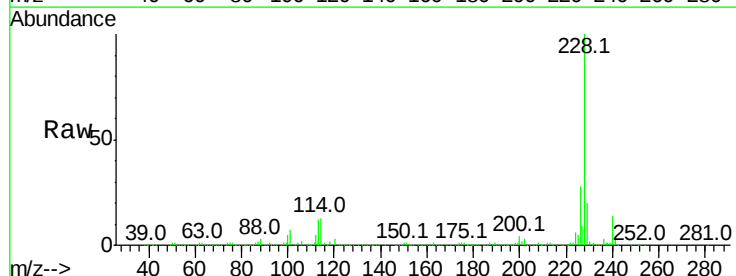
Tgt Ion:228 Resp: 1089872

Ion Ratio Lower Upper

228 100

226 27.9 22.6 33.8

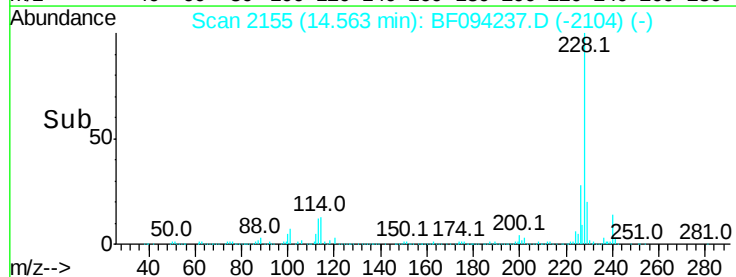
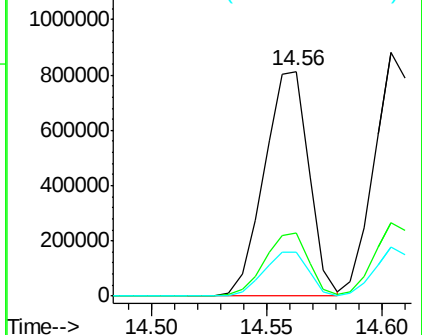
229 19.5 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

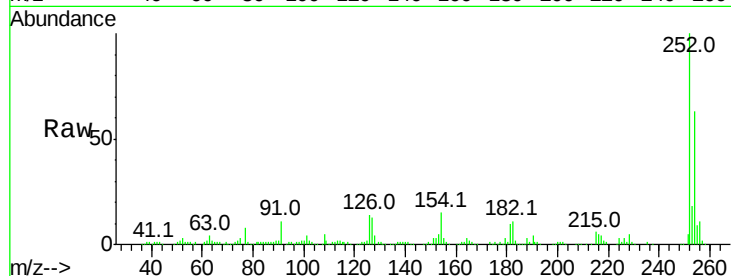




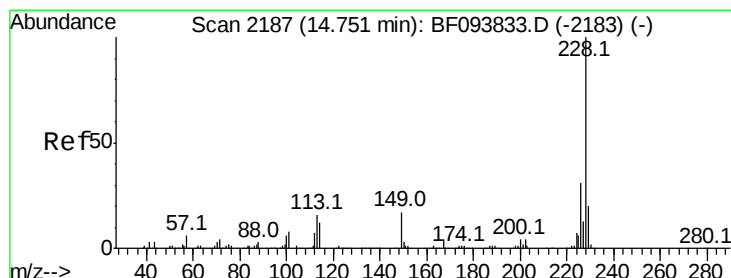
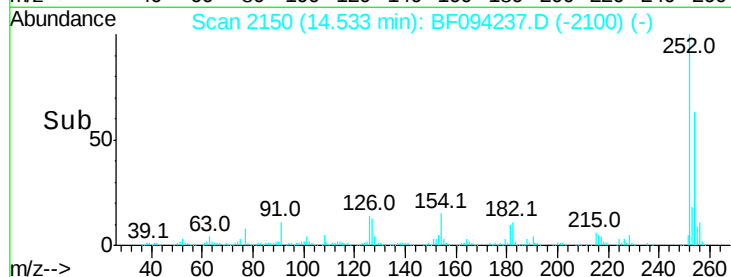
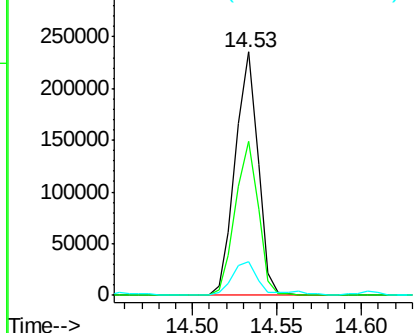
#81
 3,3'-Dichlorobenzidine
 Concen: 27.45 ng
 RT: 14.53 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

Tot Ion:252 Resp: 221671
 Ion Ratio Lower Upper
 252 100
 254 63.2 51.5 77.3
 126 14.1 15.8 23.8#

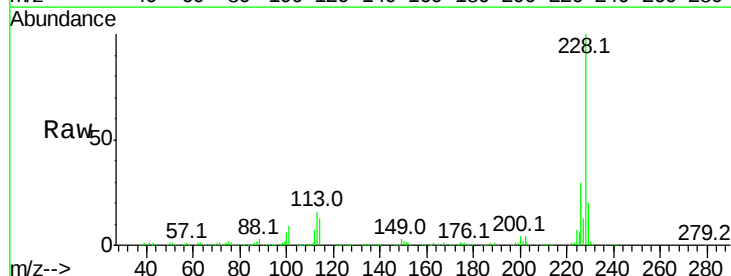


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

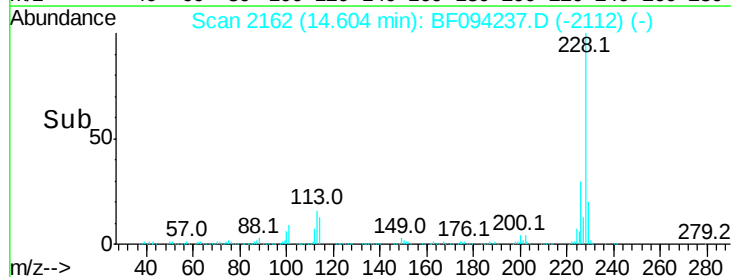
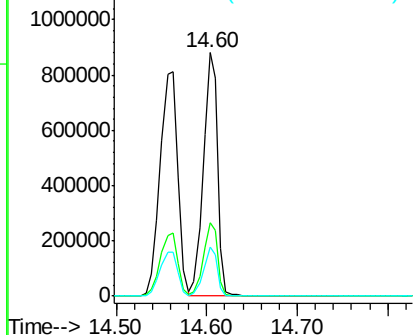


#82
 Chrysene
 Concen: 46.52 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion:228 Resp: 975591
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 20.1 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 59.30 ng

RT: 14.62 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS

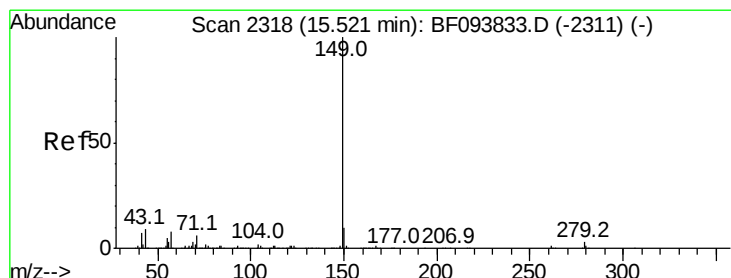
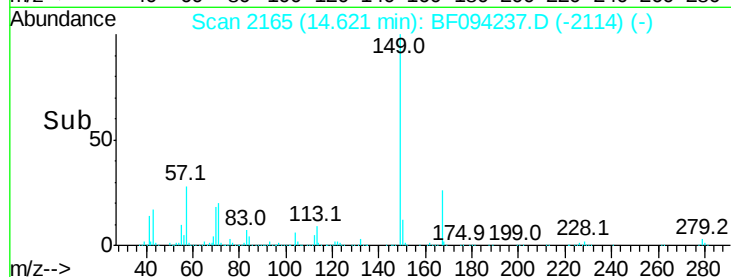
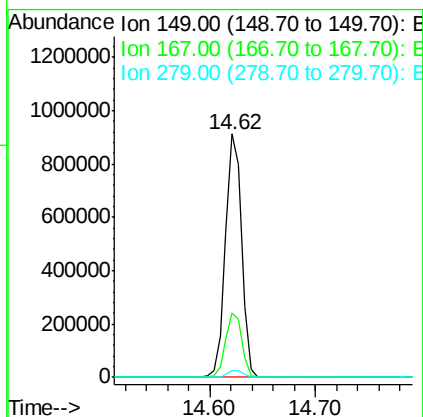
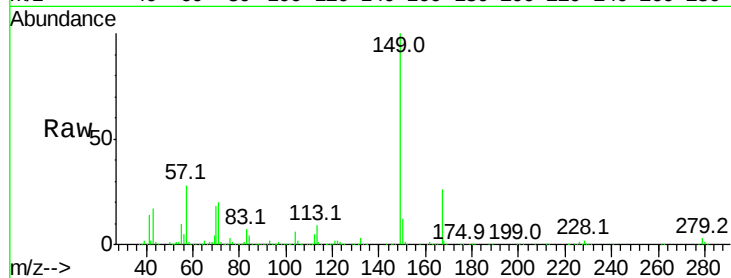
Tot Ion:149 Resp: 969414

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

279 3.0 1.9 2.9#



#84

Di-n-octyl phthalate

Concen: 55.26 ng

RT: 15.38 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

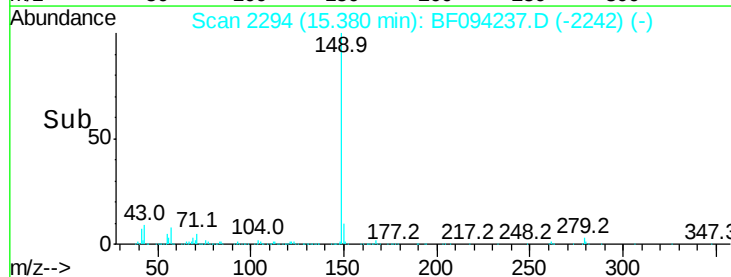
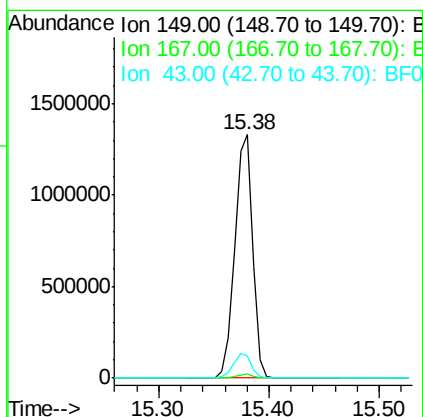
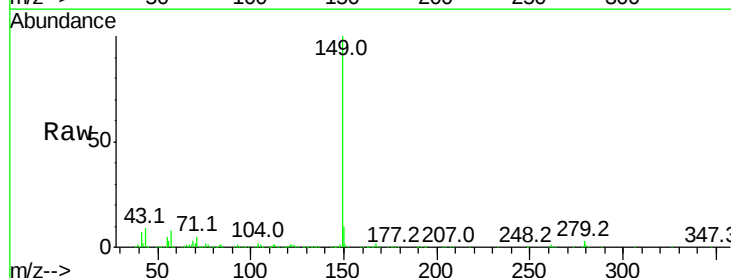
Tgt Ion:149 Resp: 1509038

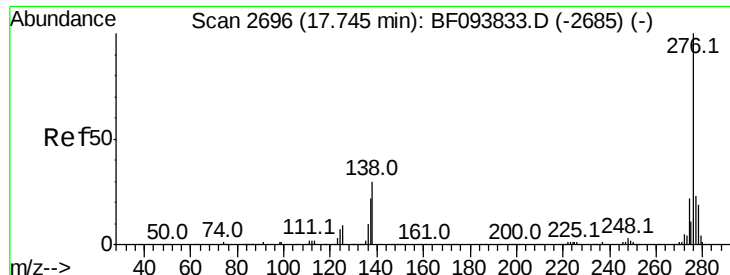
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.8 8.5 12.7

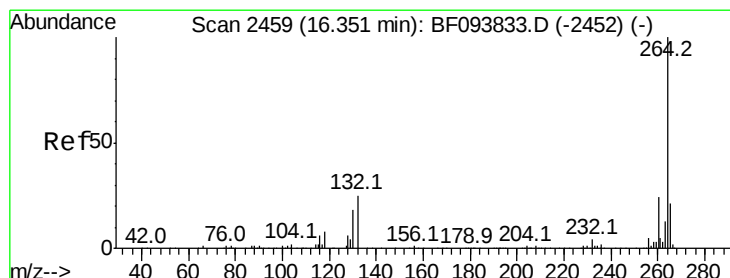
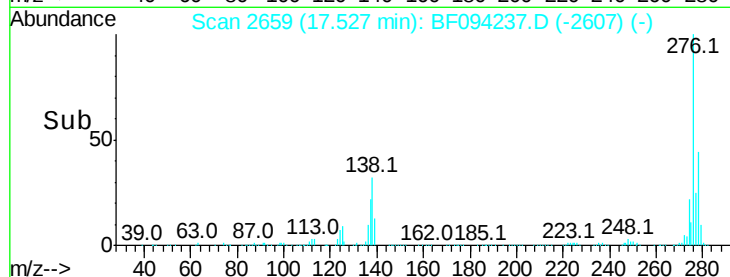
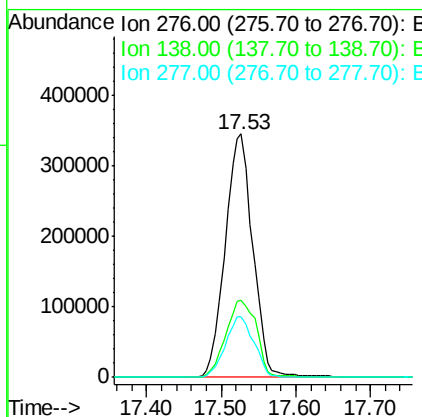
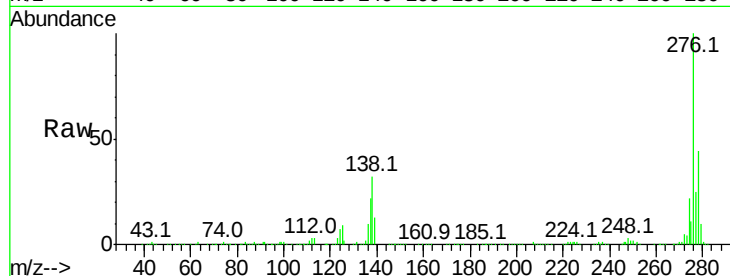




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.97 ng
 RT: 17.53 min Scan# 2659
 Delta R.T. 0.01 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

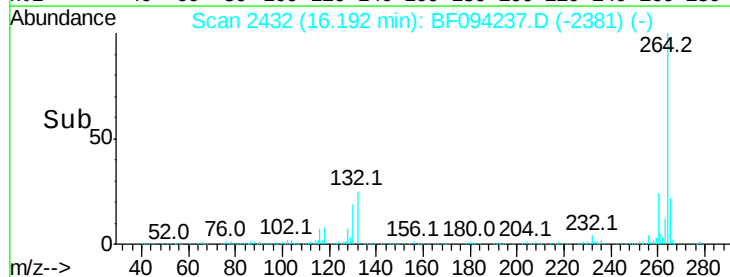
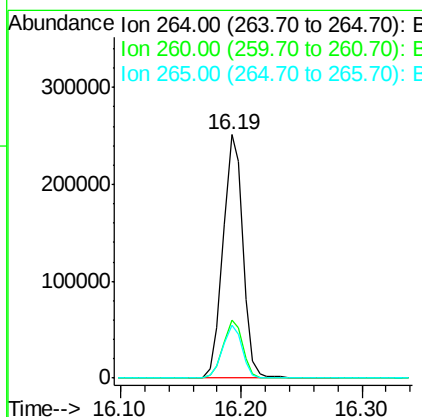
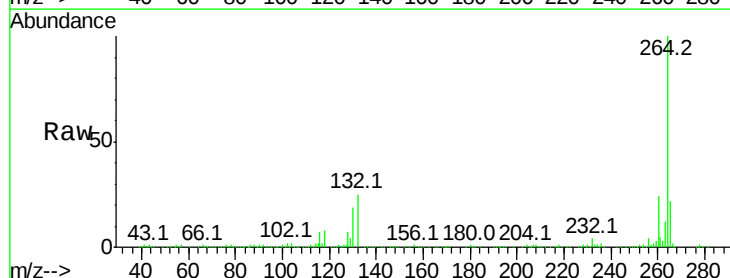
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MS

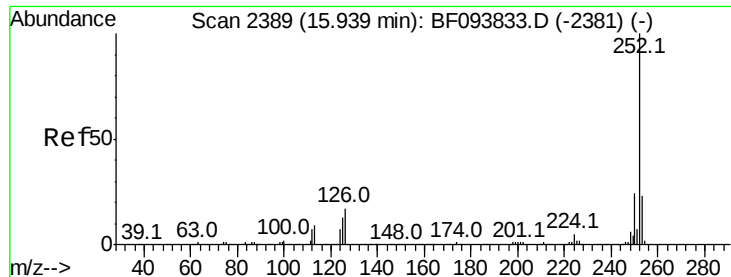
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	27.8	41.6
277	25.6	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BF094237.D
 Acq: 6 Apr 2017 19:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 50.47 ng

RT: 15.79 min Scan# 2364

Delta R.T. -0.00 min

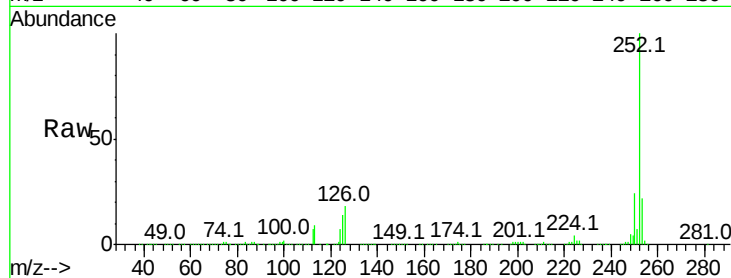
Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

Tot Ion:252 Resp: 884914

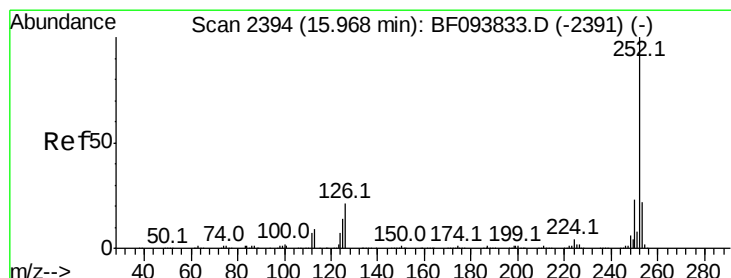
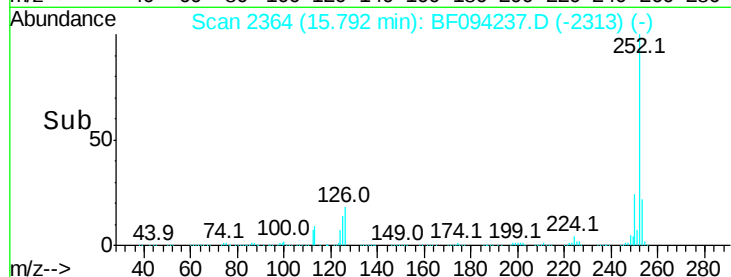
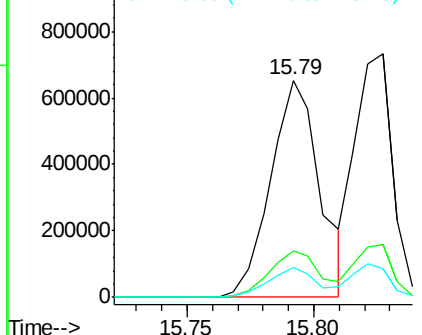
Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	13.6	9.8	14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 51.58 ng

RT: 15.79 min Scan# 2364

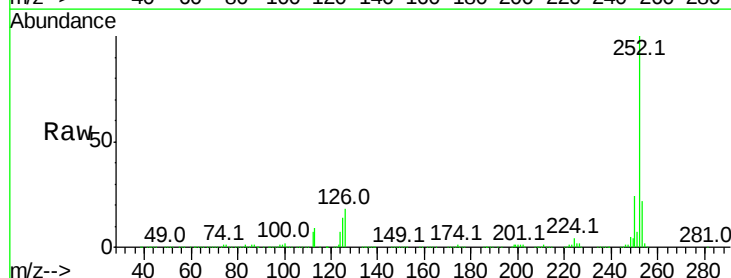
Delta R.T. -0.04 min

Lab File: BF094237.D

Acq: 6 Apr 2017 19:22

Tgt Ion:252 Resp: 884914

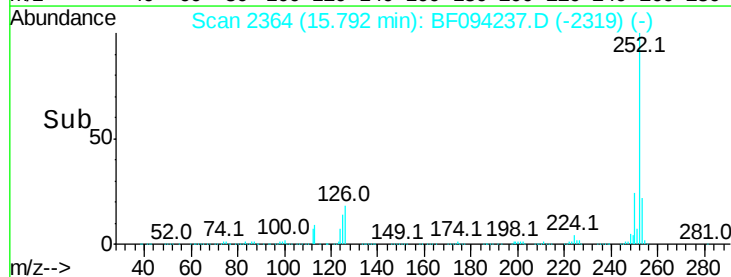
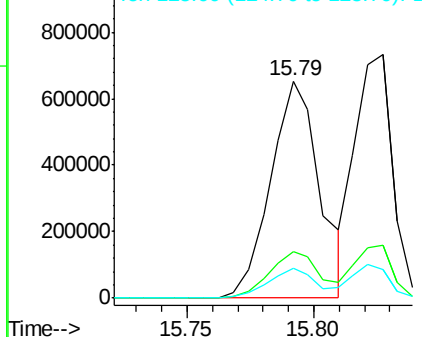
Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	13.6	13.1	19.7

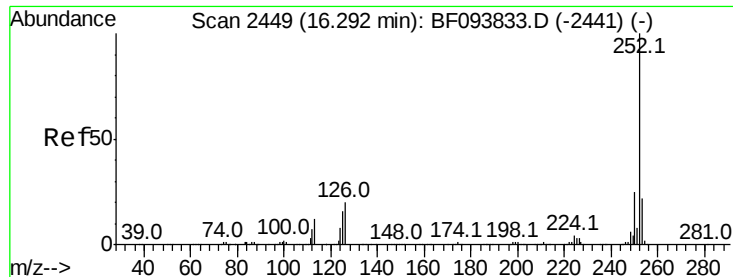


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

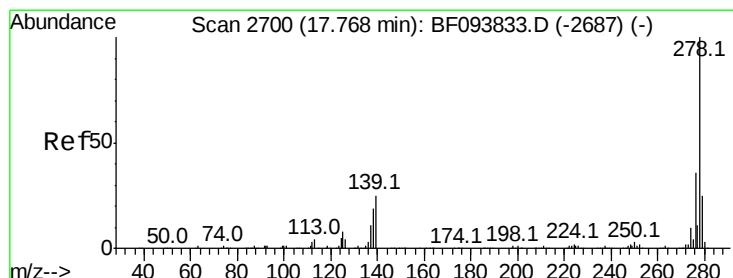
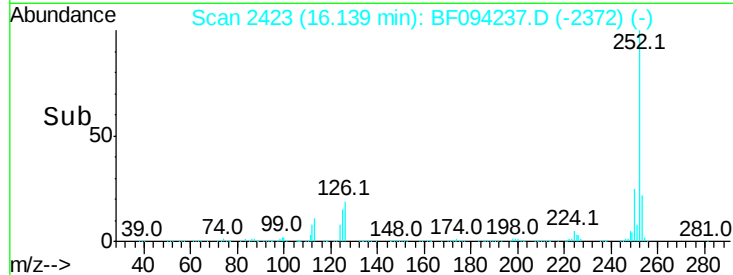
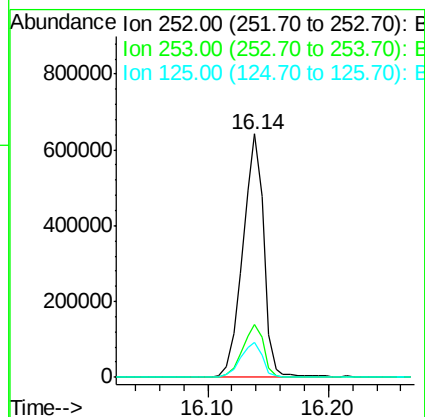
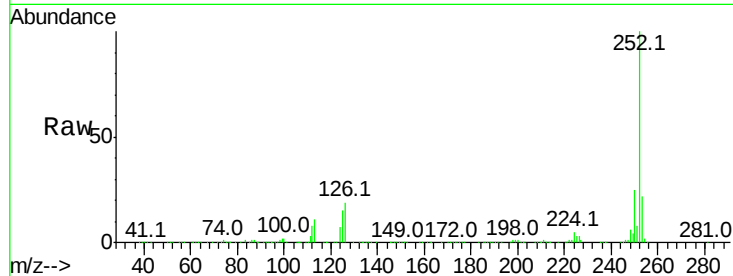




#89
Benzo(a)pyrene
Concen: 48.12 ng
RT: 16.14 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

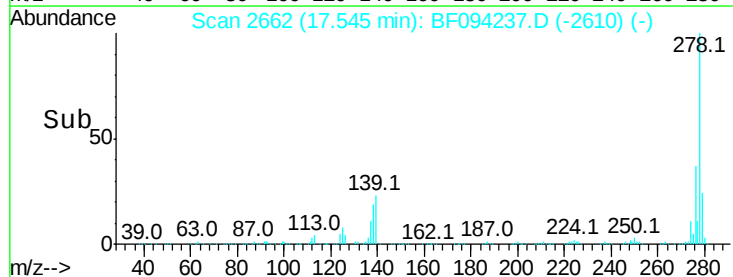
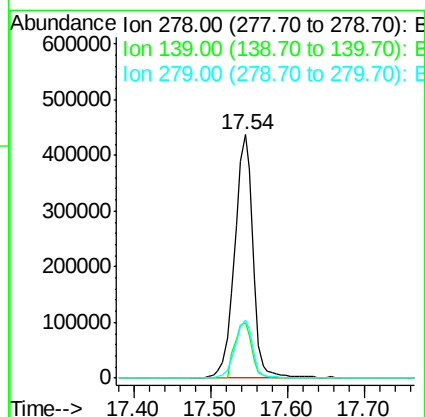
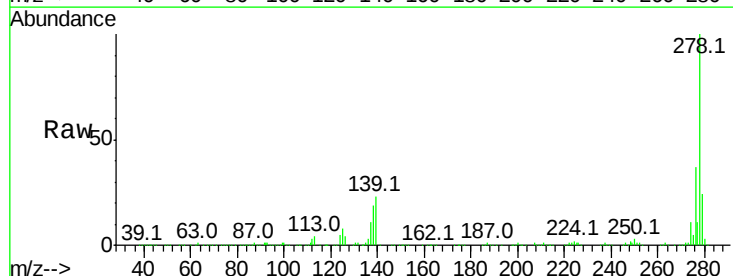
Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MS

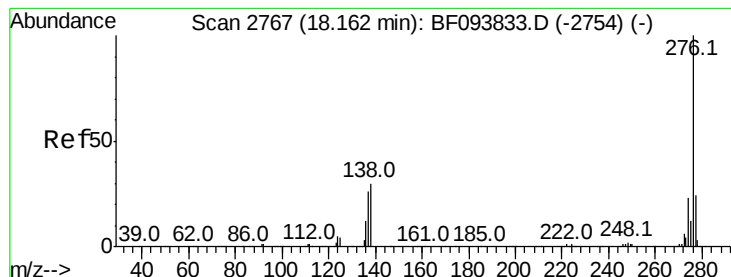
Tot Ion:252 Resp: 776981
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 14.6 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 53.54 ng
RT: 17.54 min Scan# 2662
Delta R.T. 0.01 min
Lab File: BF094237.D
Acq: 6 Apr 2017 19:22

Tgt Ion:278 Resp: 732144
Ion Ratio Lower Upper
278 100
139 23.0 16.6 24.8
279 23.7 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 55.26 ng

RT: 17.92 min Scan# 2725

Delta R.T. 0.01 min

Lab File: BF094237.D

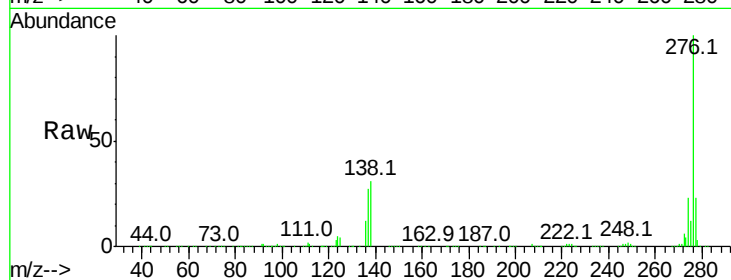
Acq: 6 Apr 2017 19:22

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MS



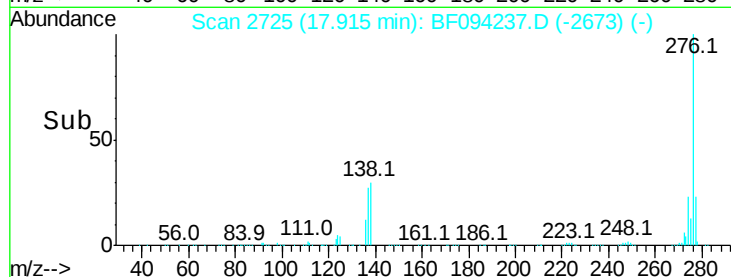
Tot Ion:276 Resp: 761576

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 30.6 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

