

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094238.D
 Acq On : 6 Apr 2017 19:50
 Operator : SJ/MA
 Sample : I2534-13MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Apr 07 01:04:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	169447	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	697869	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	327371	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	577227	20.00	ng	0.00
75) Chrysene-d12	14.57	240	382028	20.00	ng	0.00
86) Perylene-d12	16.20	264	290190	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.40	112	1441801	143.72	ng	0.01
7) Phenol-d6	5.47	99	1845109	148.67	ng	0.01
23) Nitrobenzene-d5	6.51	82	1154235	94.39	ng	0.00
41) 2,4,6-Tribromophenol	10.48	330	404236	156.26	ng	0.00
44) 2-Fluorobiphenyl	8.69	172	2009182	93.61	ng	0.00
78) Terphenyl-d14	13.30	244	1639759	96.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	199776	41.45	ng	97
3) Pyridine	2.73	79	586941	44.68	ng	99
4) n-Nitrosodimethylamine	2.70	42	271963	50.32	ng	91
6) Aniline	5.48	93	391250	22.66	ng	# 1
8) 2-Chlorophenol	5.62	128	589806	53.49	ng	98
9) Benzaldehyde	5.35	77	295629	35.28	ng	97
10) Phenol	5.49	94	797288	56.45	ng	99
11) bis(2-Chloroethyl)ether	5.57	93	555286	50.31	ng	96
12) 1,3-Dichlorobenzene	5.79	146	613148	49.57	ng	98
13) 1,4-Dichlorobenzene	5.87	146	619745	49.47	ng	96
14) 1,2-Dichlorobenzene	6.05	146	569953	49.40	ng	96
15) Benzyl Alcohol	6.03	79	482086	53.07	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.19	45	773689	45.49	ng	96
17) 2-Methylphenol	6.17	107	503544	53.32	ng	97
18) Hexachloroethane	6.45	117	218443	49.61	ng	# 88
19) n-Nitroso-di-n-propylamine	6.35	70	415045	52.03	ng	98
20) 3+4-Methylphenols	6.35	107	639774	55.93	ng	# 63
22) Acetophenone	6.33	105	837169	53.82	ng	# 86
24) Nitrobenzene	6.53	77	612376	50.78	ng	96
25) Isophorone	6.82	82	1133081	52.73	ng	97
26) 2-Nitrophenol	6.90	139	342715	59.59	ng	96
27) 2,4-Dimethylphenol	6.97	122	554396	55.94	ng	98
28) bis(2-Chloroethoxy)methane	7.08	93	727832	51.36	ng	98
29) 2,4-Dichlorophenol	7.20	162	523254	56.47	ng	99
30) 1,2,4-Trichlorobenzene	7.29	180	488124	51.15	ng	98
31) Naphthalene	7.39	128	1671880	49.82	ng	100
32) Benzoic acid	7.13	122	212324	32.18	ng	95
33) 4-Chloroaniline	7.45	127	162307	11.93	ng	96
34) Hexachlorobutadiene	7.54	225	237054	48.44	ng	99
35) Caprolactam	7.91	113	100101	33.88	ng	96
36) 4-Chloro-3-methylphenol	8.08	107	572837	59.16	ng	90
37) 2-Methylnaphthalene	8.23	142	1169516	52.28	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.43	216	426537	47.63	ng	99
40) Hexachlorocyclopentadiene	8.42	237	317130	75.67	ng	99

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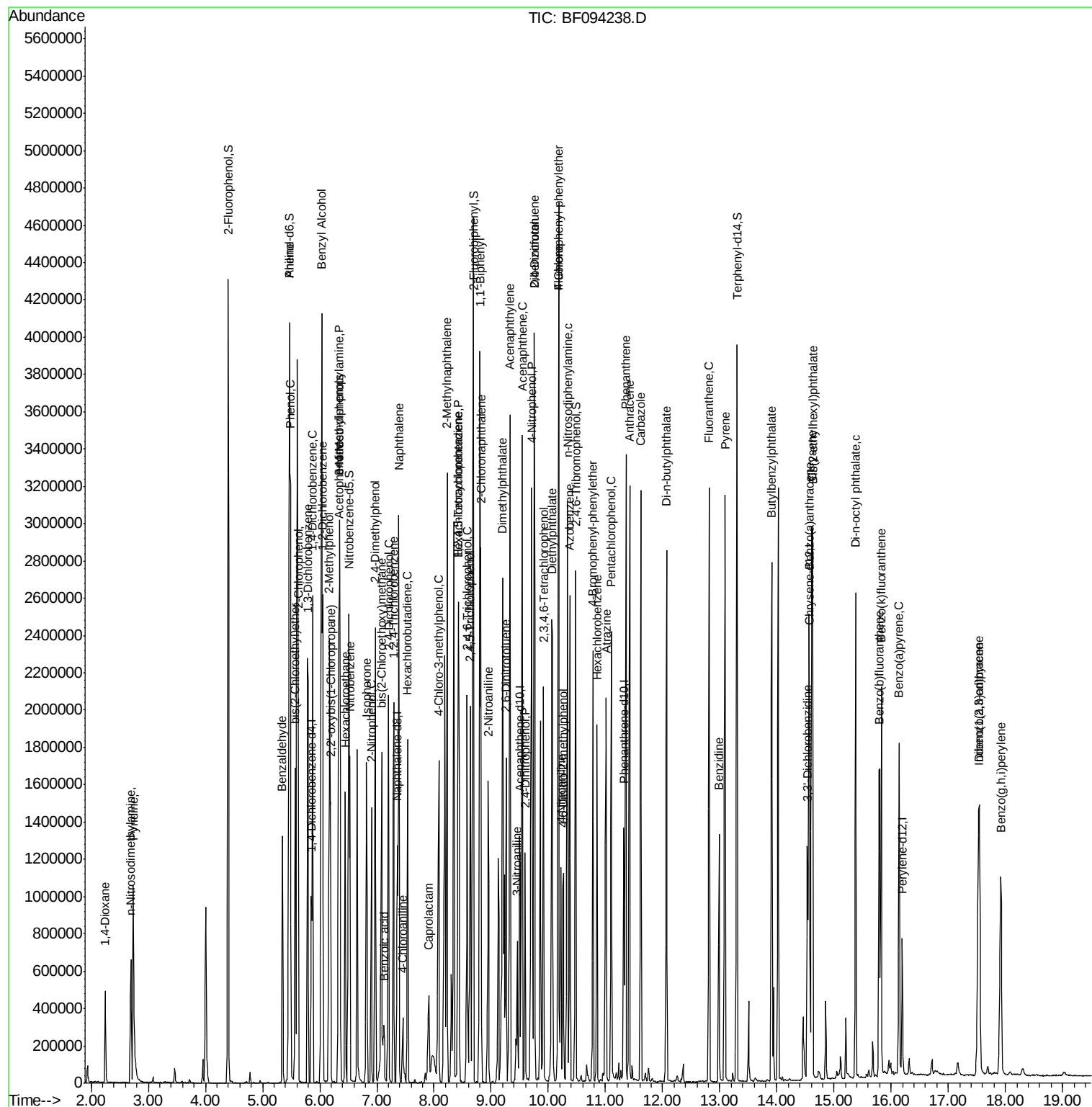
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	355498	56.11	nq	99
43) 2,4,5-Trichlorophenol	8.63	196	360864	52.63	nq	96
45) 1,1'-Biphenyl	8.80	154	1269284	48.07	nq	98
46) 2-Chloronaphthalene	8.82	162	1019820	49.34	nq	95
47) 2-Nitroaniline	8.95	65	329495	53.74	nq	# 84
48) Acenaphthylene	9.33	152	1621656	47.21	nq	99
49) Dimethylphthalate	9.20	163	1563590	67.19	nq	100
50) 2,6-Dinitrotoluene	9.26	165	286009	53.61	nq	91
51) Acenaphthene	9.55	154	960809	47.93	nq	99
52) 3-Nitroaniline	9.46	138	143823	22.96	nq	85
53) 2,4-Dinitrophenol	9.60	184	194896	68.96	nq	# 67
54) Dibenzofuran	9.76	168	1387272	50.84	nq	100
55) 4-Nitrophenol	9.71	139	458405	93.44	nq	# 63
56) 2,4-Dinitrotoluene	9.76	165	342895	51.17	nq	# 61
57) Fluorene	10.17	166	1044039	46.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	269810	57.36	nq	98
59) Diethylphthalate	10.06	149	1199834	52.17	nq	99
60) 4-Chlorophenyl-phenylether	10.18	204	444894	46.15	nq	95
61) 4-Nitroaniline	10.22	138	304875	50.72	nq	97
62) Azobenzene	10.38	77	1167845	53.68	nq	95
64) 4,6-Dinitro-2-methylphenol	10.26	198	177570	50.23	nq	# 70
65) n-Nitrosodiphenylamine	10.33	169	1020881	51.14	nq	97
66) 4-Bromophenyl-phenylether	10.78	248	289857	51.06	nq	98
67) Hexachlorobenzene	10.85	284	293825	51.13	nq	# 86
68) Atrazine	11.01	200	305225	51.05	nq	96
69) Pentachlorophenol	11.10	266	324261	90.65	nq	98
70) Phenanthrene	11.36	178	1539318	47.94	nq	100
71) Anthracene	11.42	178	1612140	48.76	nq	99
72) Carbazole	11.62	167	1555628	45.89	nq	99
73) Di-n-butylphthalate	12.07	149	1833807	52.01	nq	100
74) Fluoranthene	12.82	202	1552627	47.22	nq	99
76) Benzidine	12.99	184	606205	40.09	nq	# 92
77) Pyrene	13.09	202	1549537	55.89	nq	99
79) Butylbenzylphthalate	13.91	149	752937	63.74	nq	# 84
80) Benzo(a)anthracene	14.56	228	1138740	51.12	nq	99
81) 3,3'-Dichlorobenzidine	14.53	252	267955	33.65	nq	# 97
82) Chrysene	14.61	228	1010270	48.87	nq	99
83) Bis(2-ethylhexyl)phthalate	14.63	149	1019066	63.23	nq	# 99
84) Di-n-octyl phthalate	15.38	149	1568056	58.24	nq	98
85) Indeno(1,2,3-cd)pyrene	17.53	276	938219	52.40	nq	100
87) Benzo(b)fluoranthene	15.80	252	909870	51.15	nq	99
88) Benzo(k)fluoranthene	15.83	252	838729	48.19	nq	# 95
89) Benzo(a)pyrene	16.14	252	829600	50.65	nq	98
90) Dibenzo(a,h)anthracene	17.55	278	774926	55.86	nq	98
91) Benzo(g,h,i)perylene	17.92	276	803899	57.50	nq	97

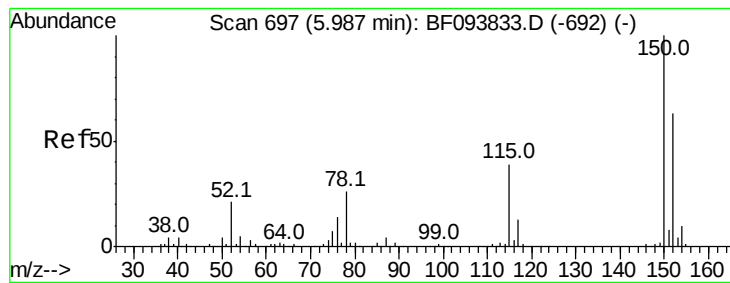
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

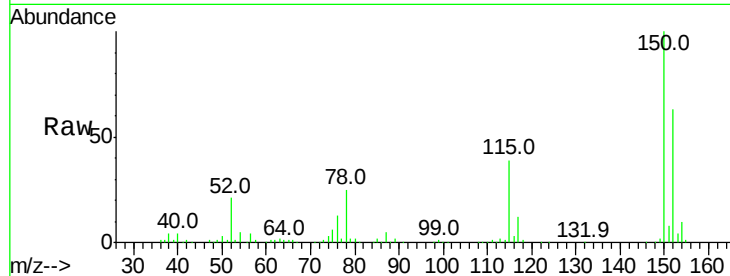
Tot Ion:152 Resp: 169447

Ion Ratio Lower Upper

152 100

150 159.2 126.2 189.2

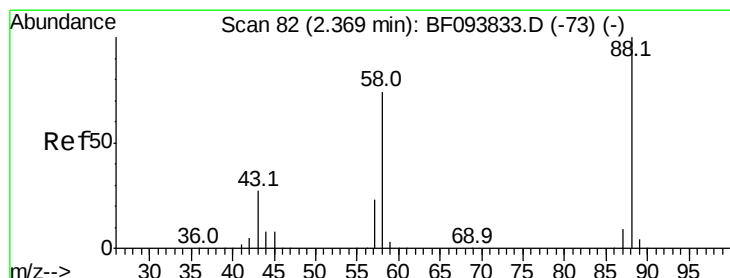
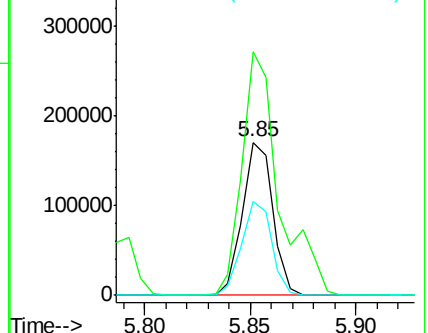
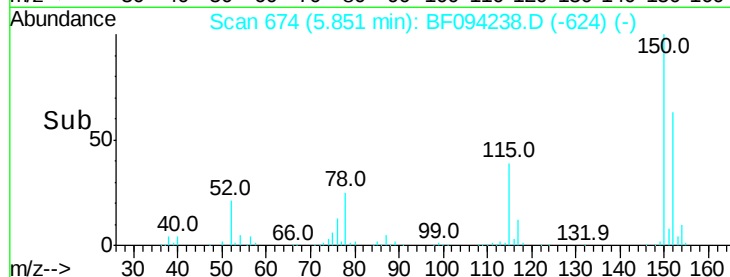
115 61.6 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.45 ng

RT: 2.25 min Scan# 61

Delta R.T. 0.04 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

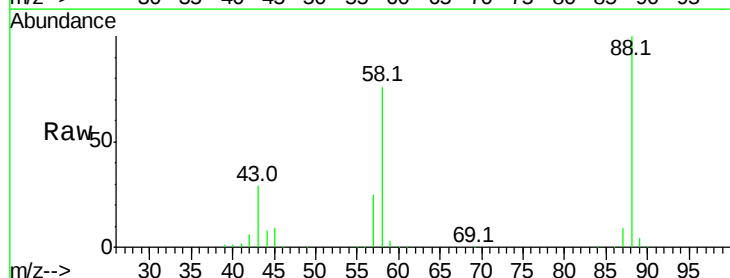
Tgt Ion: 88 Resp: 199776

Ion Ratio Lower Upper

88 100

58 73.9 61.4 92.0

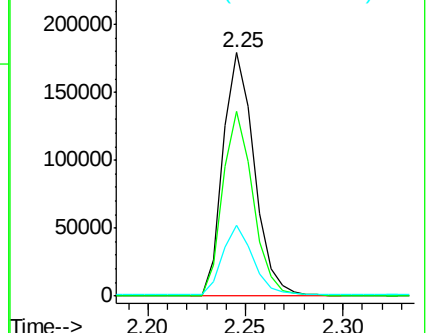
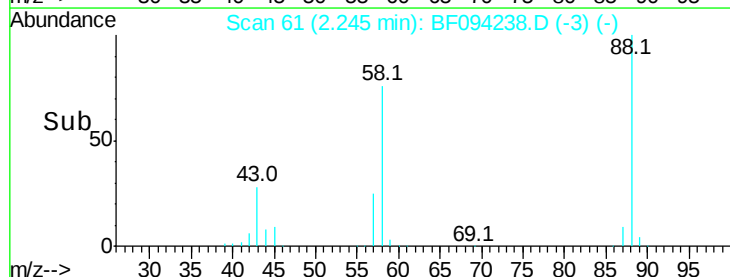
43 27.9 23.4 35.0

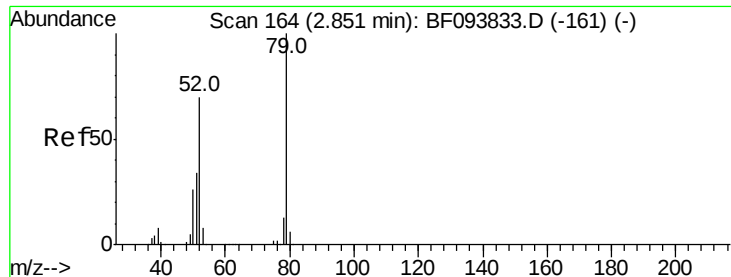


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.68 ng

RT: 2.73 min Scan# 144

Delta R.T. 0.04 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

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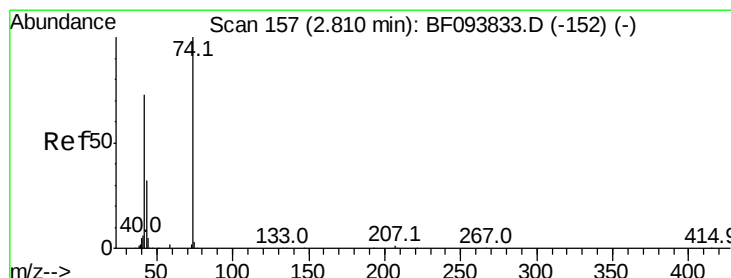
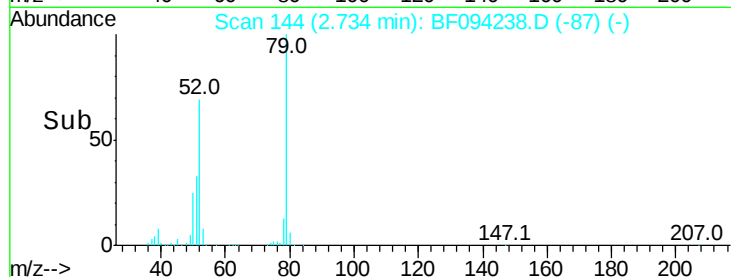
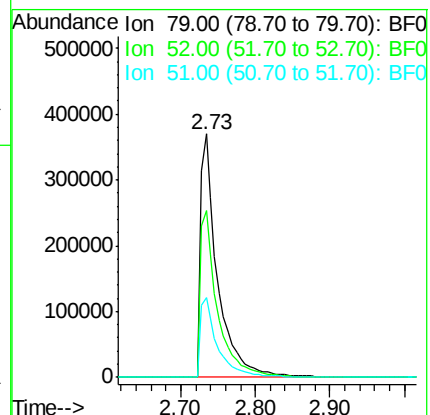
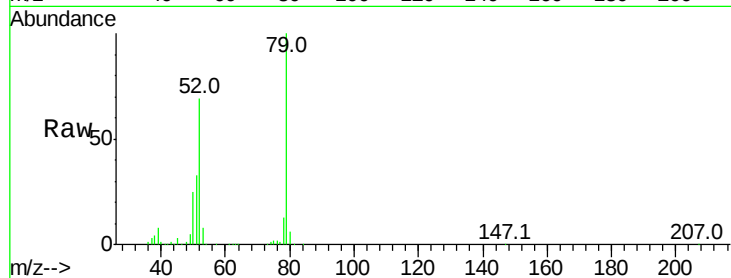
Tot Ion: 79 Resp: 586941

Ion Ratio Lower Upper

79 100

52 68.8 54.8 82.2

51 32.6 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 50.32 ng

RT: 2.70 min Scan# 138

Delta R.T. 0.03 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

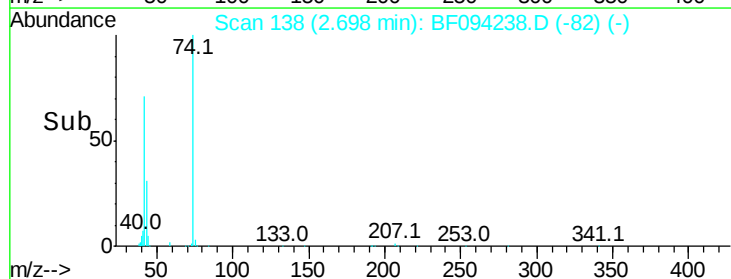
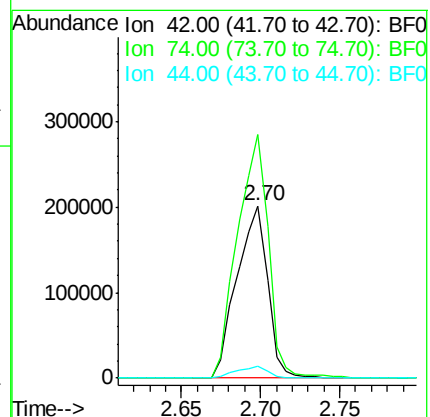
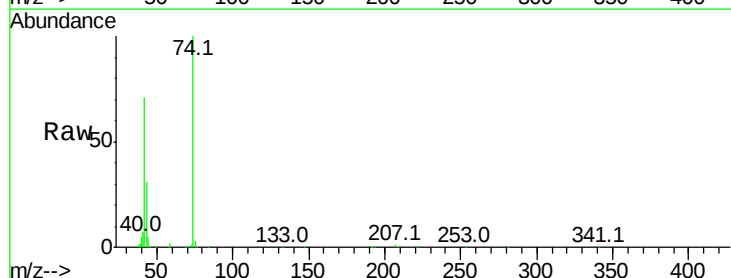
Tgt Ion: 42 Resp: 271963

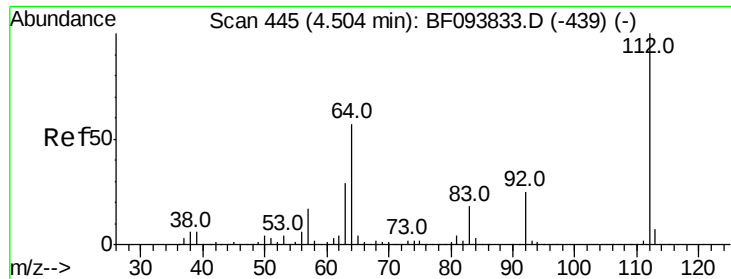
Ion Ratio Lower Upper

42 100

74 141.1 103.9 155.9

44 6.9 5.7 8.5

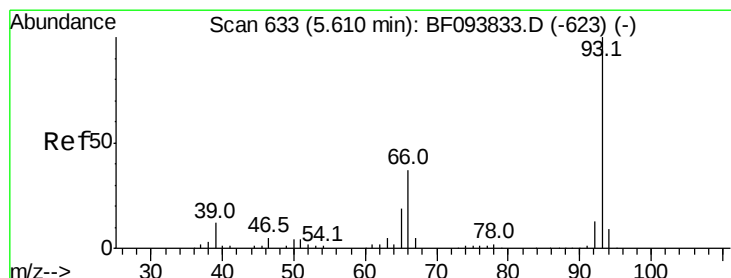
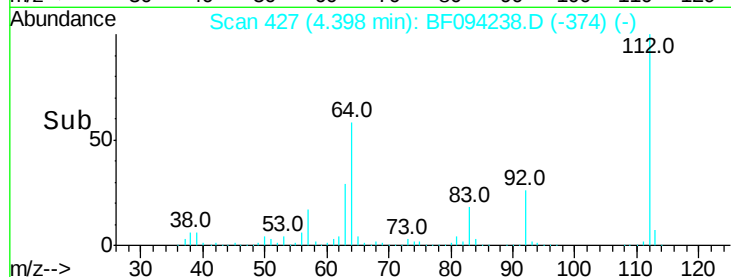
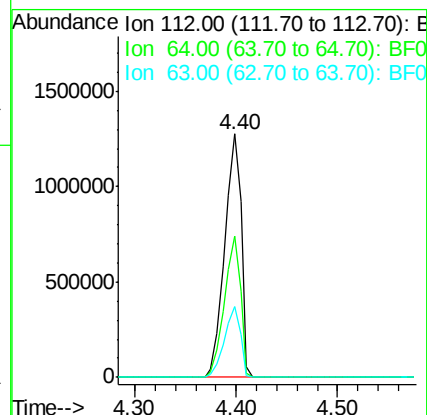
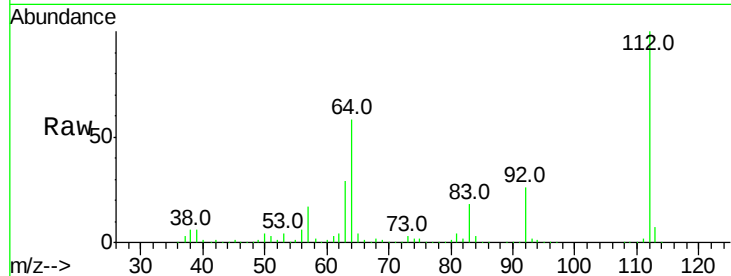




#5
 2-Fluorophenol
 Concen: 143.72 ng
 RT: 4.40 min Scan# 427
 Delta R.T. 0.01 min
 Lab File: BF094238.D
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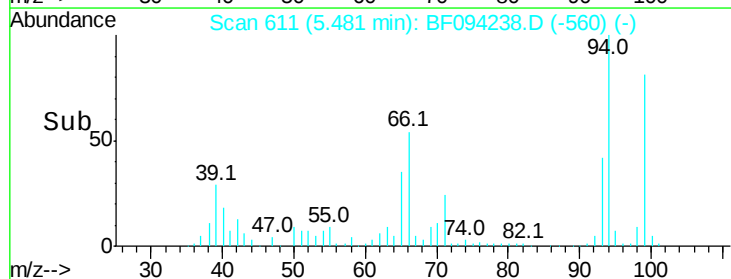
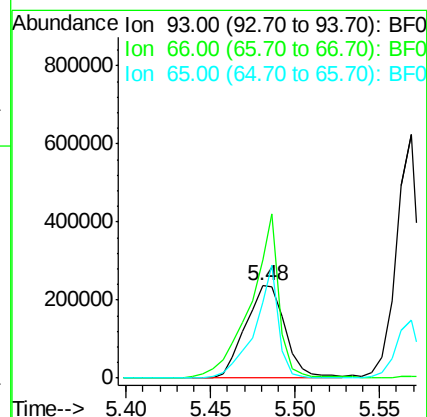
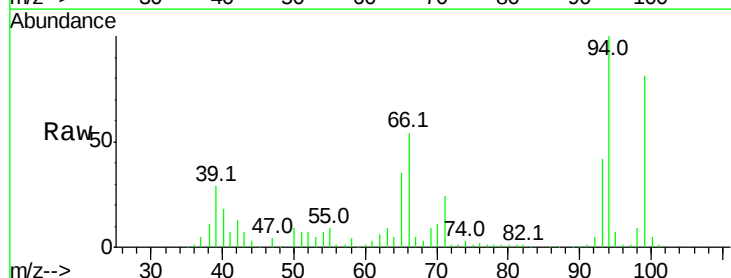
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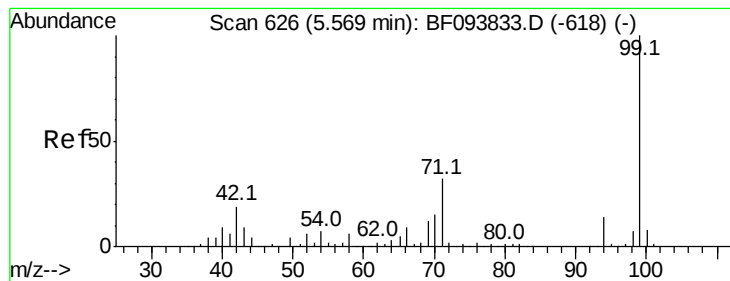
Tot Ion:112 Resp: 1441801
 Ion Ratio Lower Upper
 112 100
 64 57.8 46.0 69.0
 63 29.1 23.4 35.0



#6
 Aniline
 Concen: 22.66 ng
 RT: 5.48 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

Tgt Ion: 93 Resp: 391250
 Ion Ratio Lower Upper
 93 100
 66 128.3 32.9 49.3#
 65 82.7 16.0 24.0#





#7

Phenol-d6

Concen: 148.67 ng

RT: 5.47 min Scan# 610

Delta R.T. 0.01 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

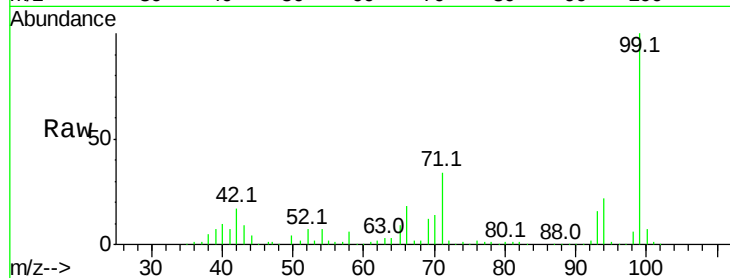
BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

Tot Ion: 99 Resp: 1845109

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	33.7	24.5	36.7

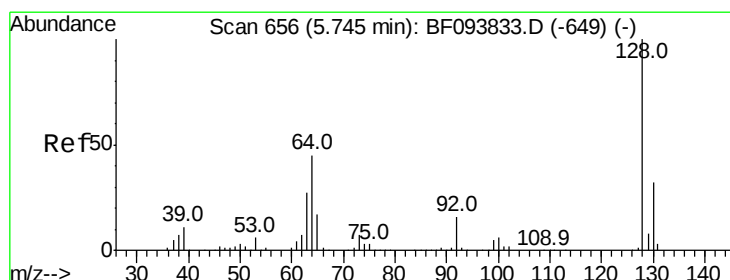
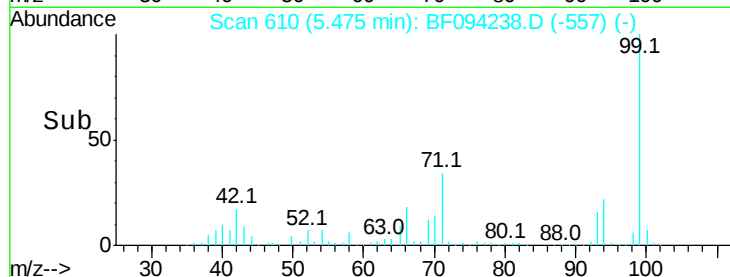


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 53.49 ng

RT: 5.62 min Scan# 635

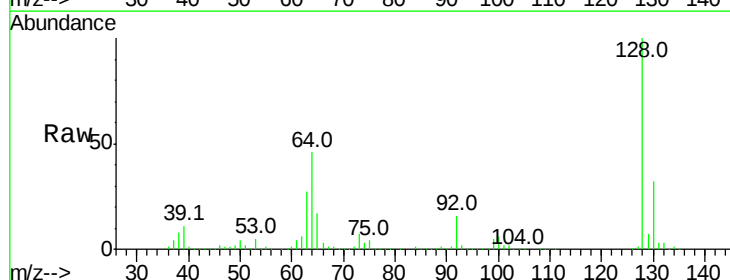
Delta R.T. -0.00 min

Lab File: BF094238.D

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Tgt Ion:128 Resp: 589806

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.9	52.9
64	46.2	28.4	68.4

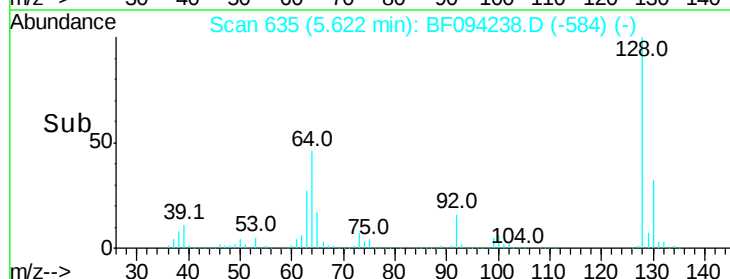


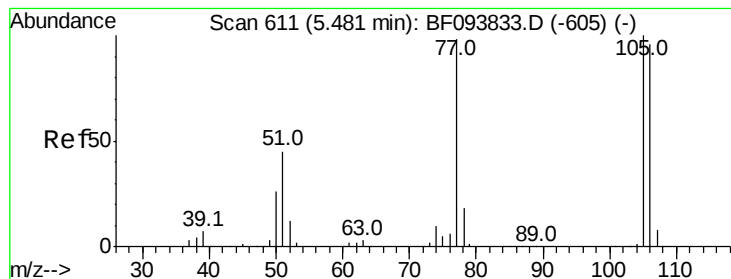
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.28 ng

RT: 5.35 min Scan# 588

Delta R.T. -0.01 min

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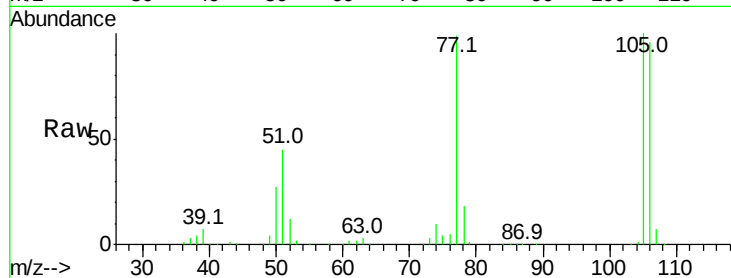
Tot Ion: 77 Resp: 295629

Ion Ratio Lower Upper

77 100

105 100.6 83.8 123.8

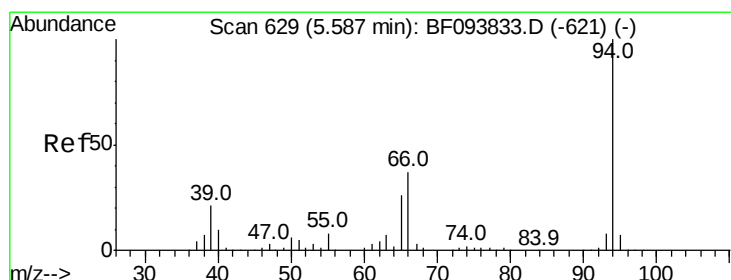
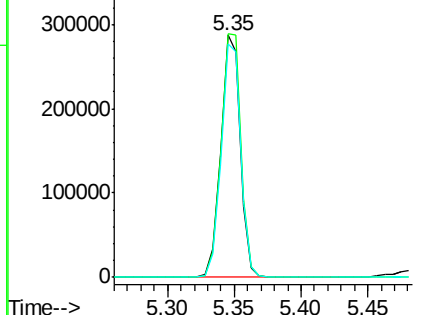
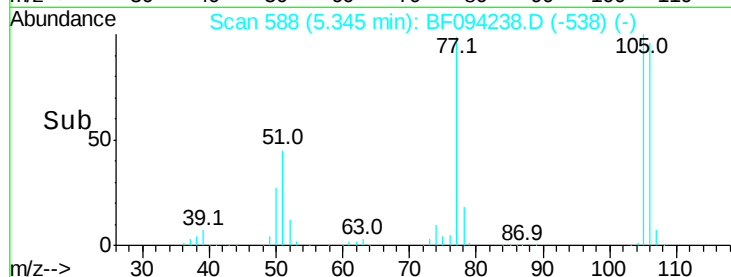
106 96.2 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 56.45 ng

RT: 5.49 min Scan# 612

Delta R.T. 0.01 min

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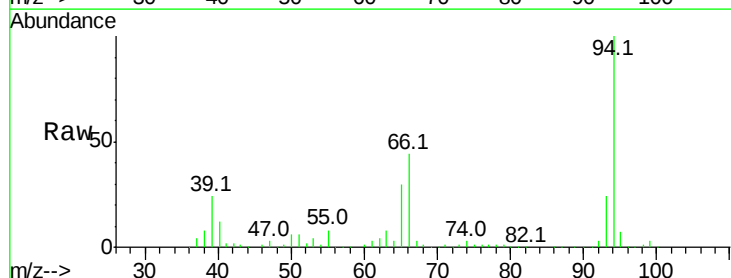
Tgt Ion: 94 Resp: 797288

Ion Ratio Lower Upper

94 100

65 30.1 9.9 49.9

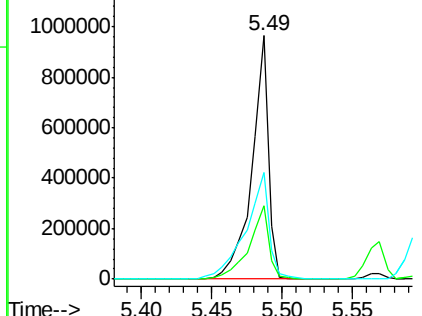
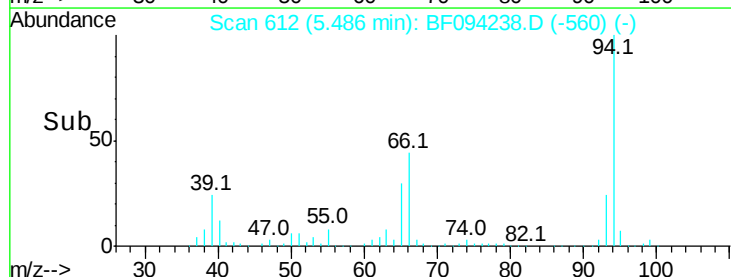
66 43.6 23.1 63.1

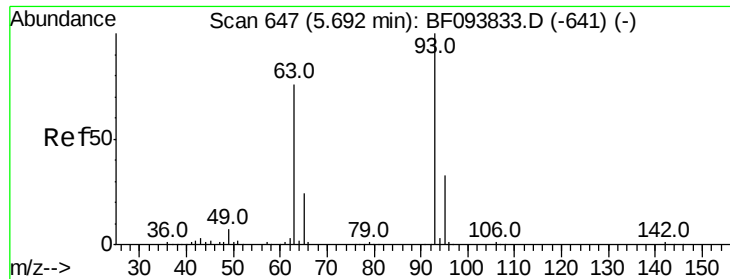


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

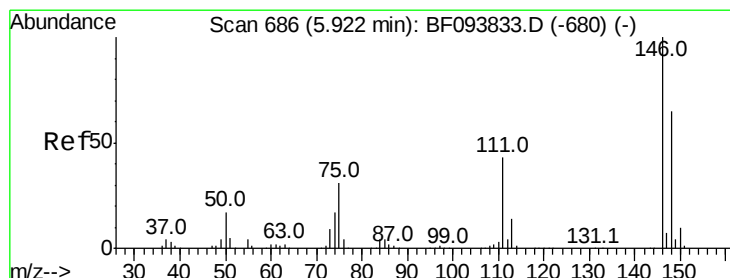
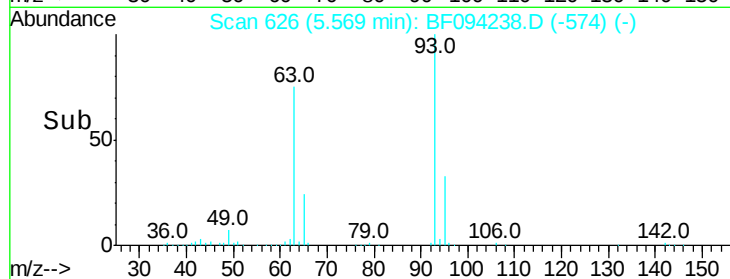
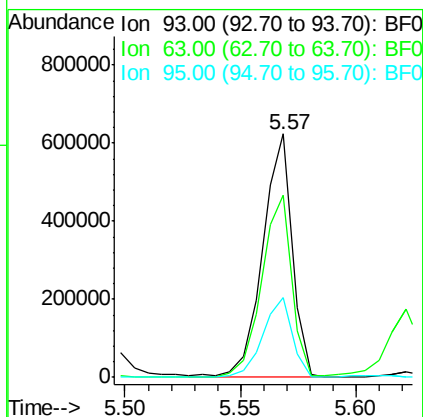
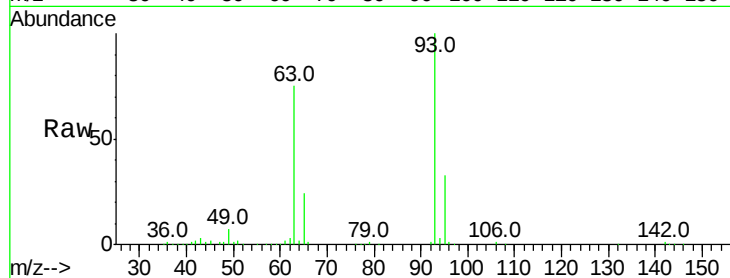




#11
bis(2-Chloroethyl)ether
Concen: 50.31 ng
RT: 5.57 min Scan# 626
Delta R.T. 0.01 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

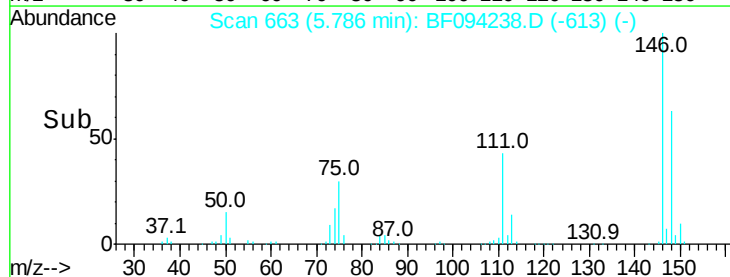
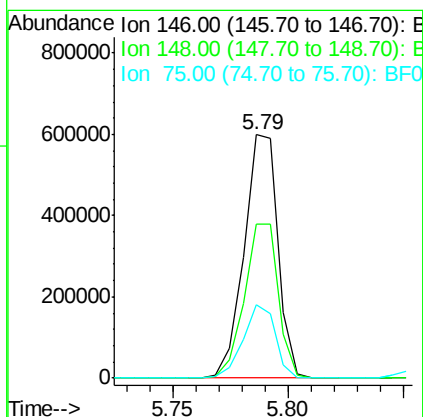
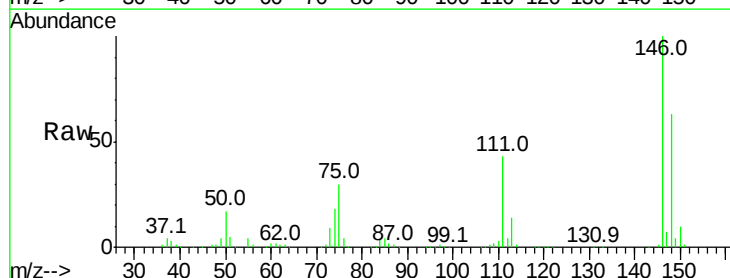
Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MSD

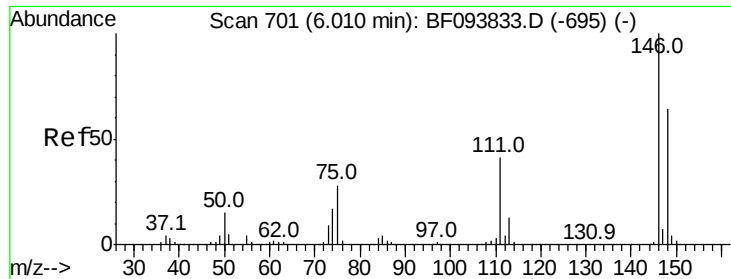
Tot Ion: 93 Resp: 555286
Ion Ratio Lower Upper
93 100
63 74.6 59.2 99.2
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 49.57 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

Tgt Ion: 146 Resp: 613148
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.6
75 30.3 23.1 34.7

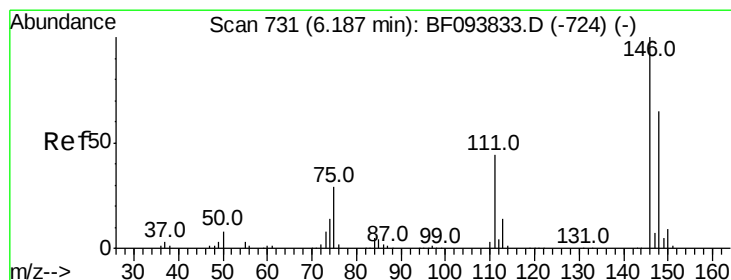
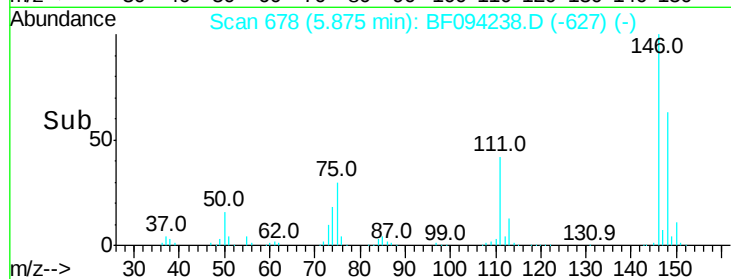
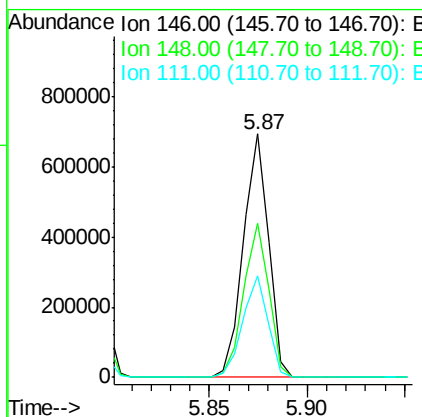
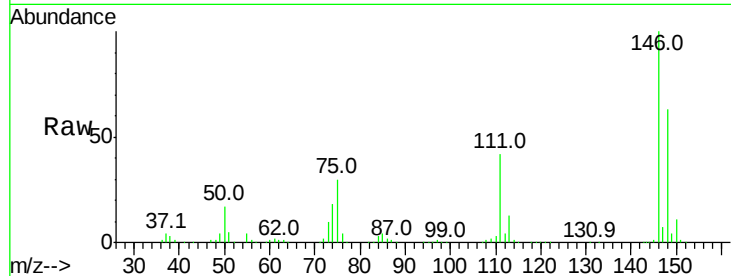




#13
 1,4-Dichlorobenzene
 Concen: 49.47 ng
 RT: 5.87 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

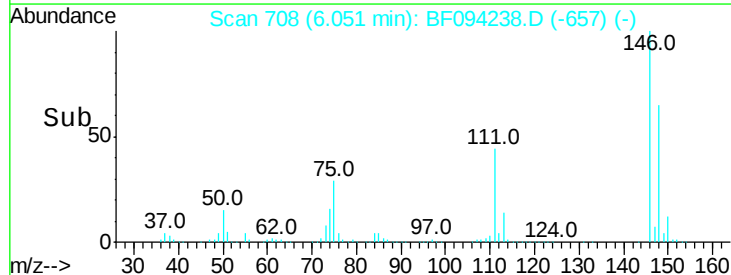
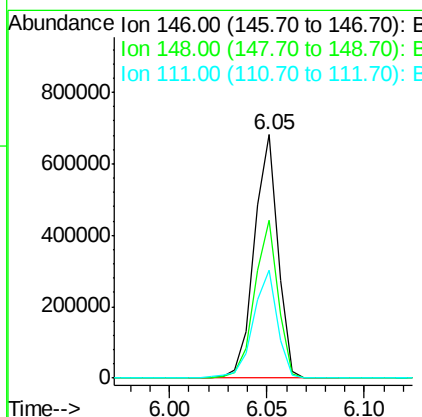
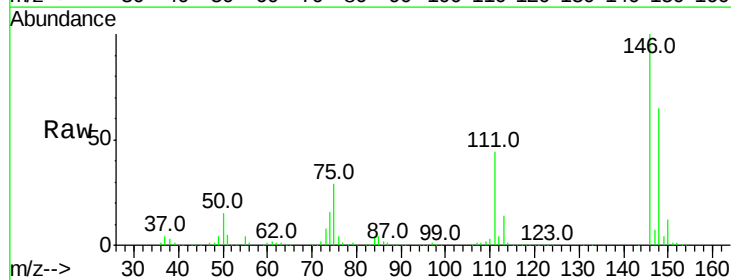
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MSD

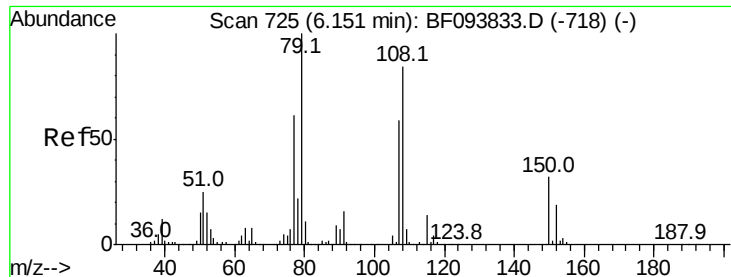
Tot Ion:146 Resp: 619745
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 41.5 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 49.40 ng
 RT: 6.05 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

Tgt Ion:146 Resp: 569953
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.4 75.6
 111 44.4 38.2 57.4





#15

Benzyl Alcohol

Concen: 53.07 ng

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

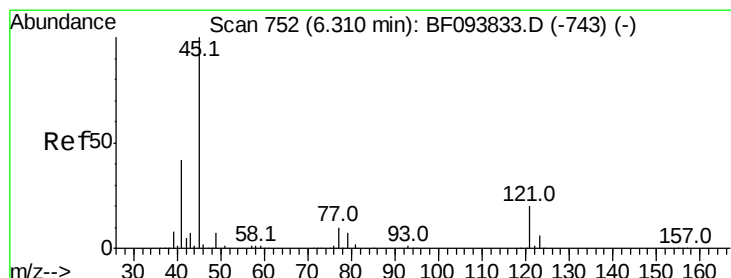
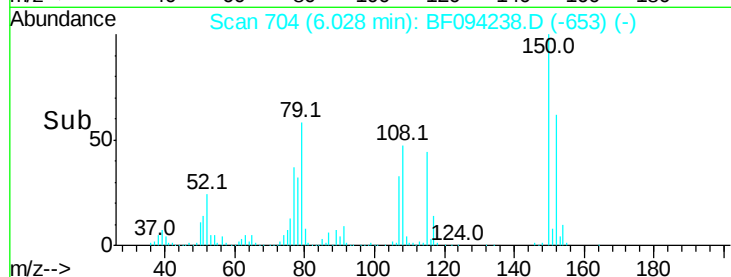
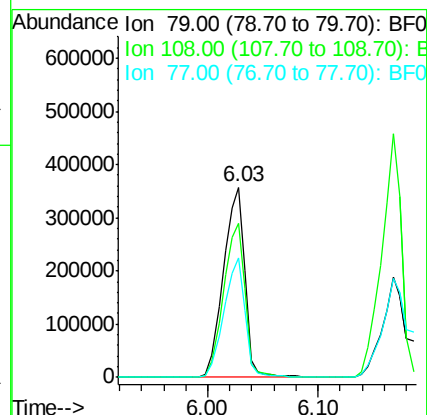
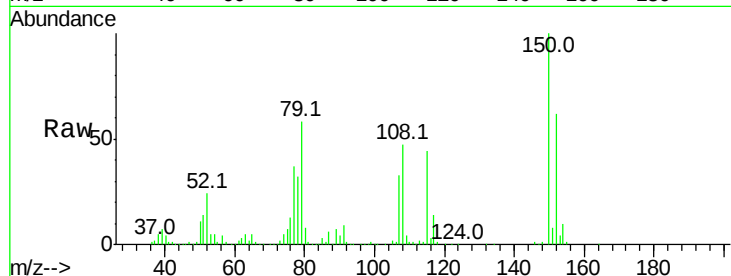
Tot Ion: 79 Resp: 482086

Ion Ratio Lower Upper

79 100

108 80.8 63.4 95.0

77 62.9 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.49 ng

RT: 6.19 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

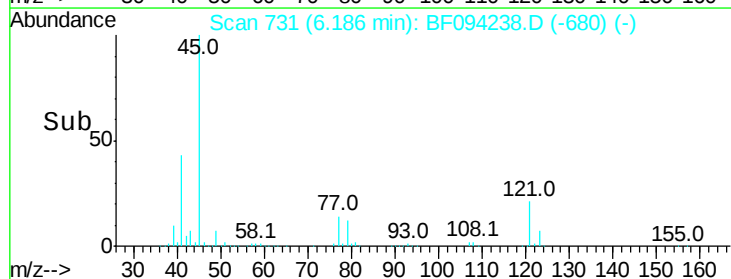
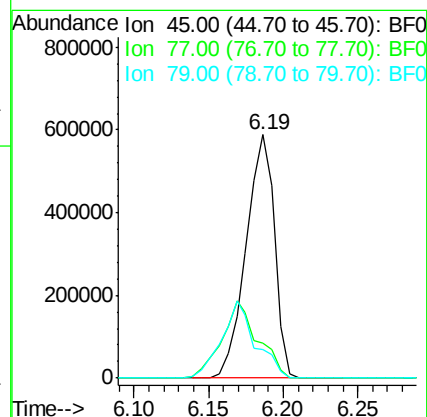
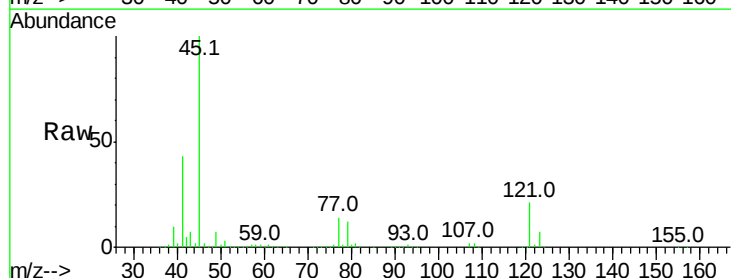
Tgt Ion: 45 Resp: 773689

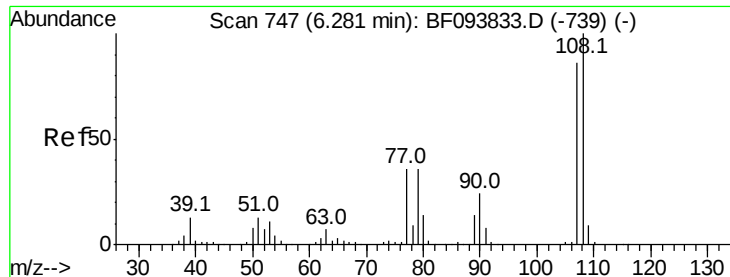
Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.2

79 11.6 0.0 30.0





#17

2-Methylphenol

Concen: 53.32 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

Tot Ion:107 Resp: 503544

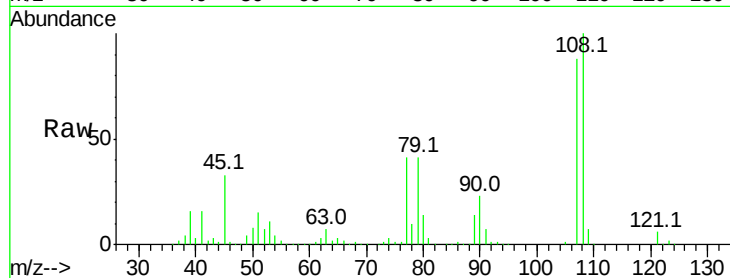
Ion Ratio Lower Upper

107 100

108 114.1 93.4 140.0

77 46.4 35.8 53.6

79 46.7 34.8 52.2

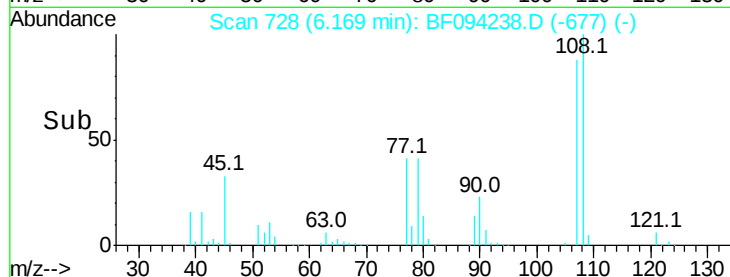


Abundance Ion 107.00 (106.70 to 107.70): E

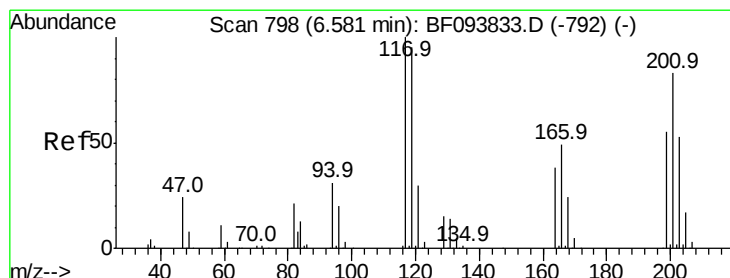
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 49.61 ng

RT: 6.45 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

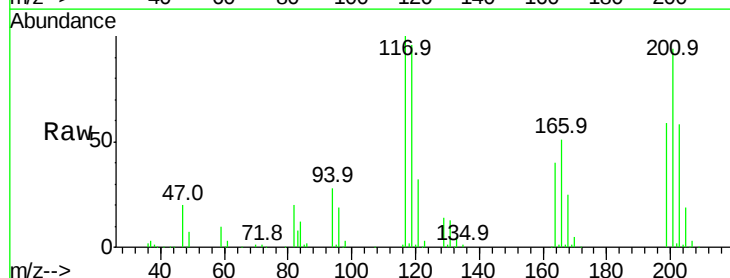
Tgt Ion:117 Resp: 218443

Ion Ratio Lower Upper

117 100

119 96.3 77.4 116.0

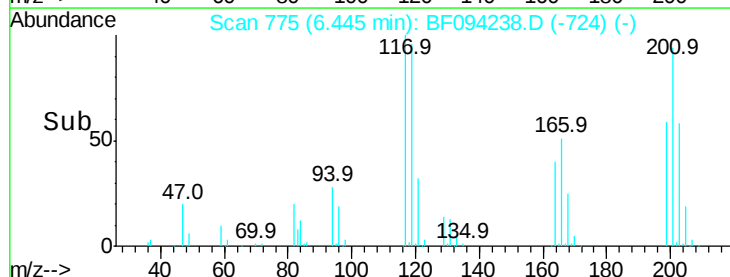
201 93.8 94.6 141.8#



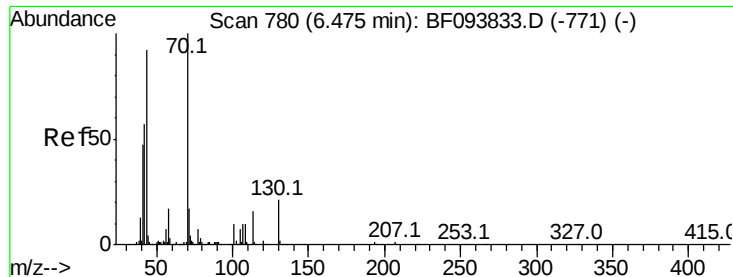
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



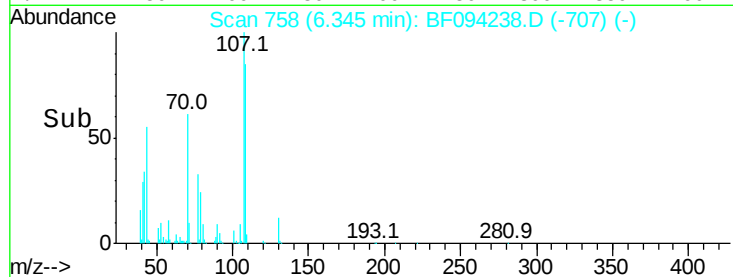
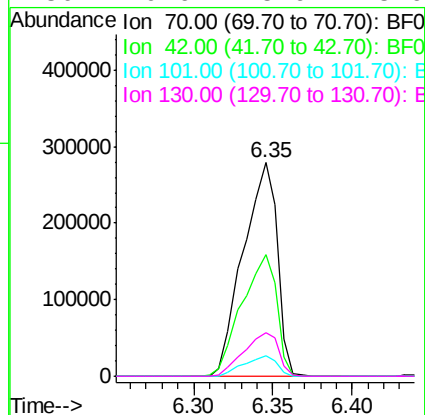
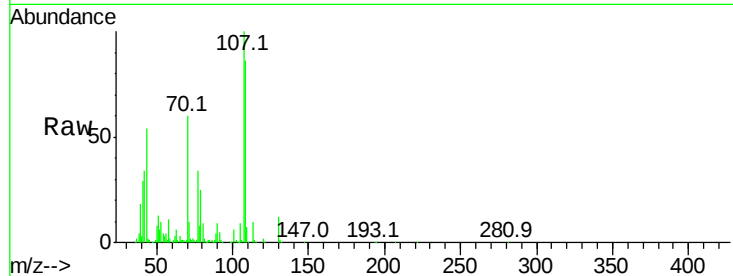
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 52.03 ng
RT: 6.35 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

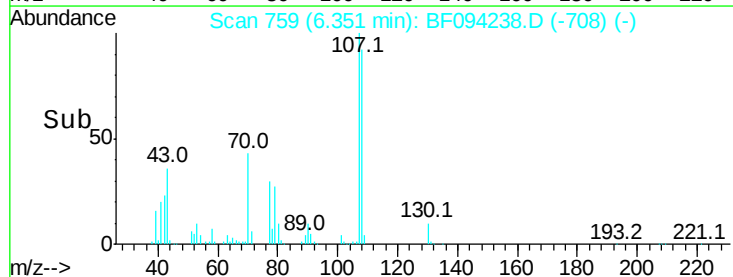
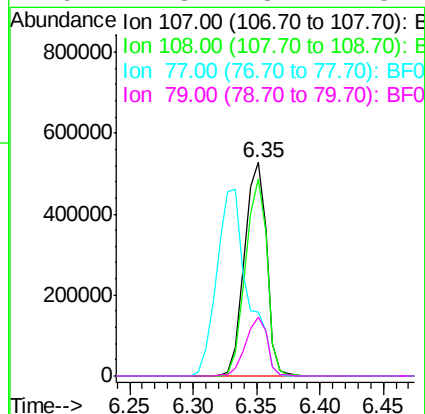
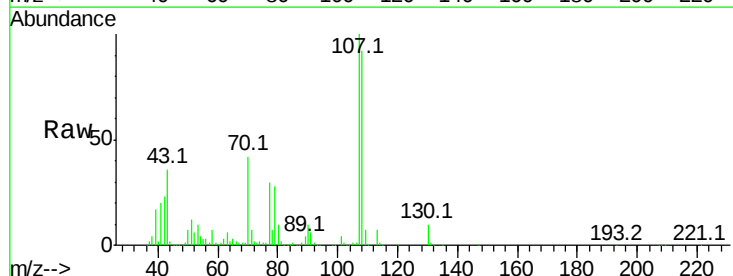
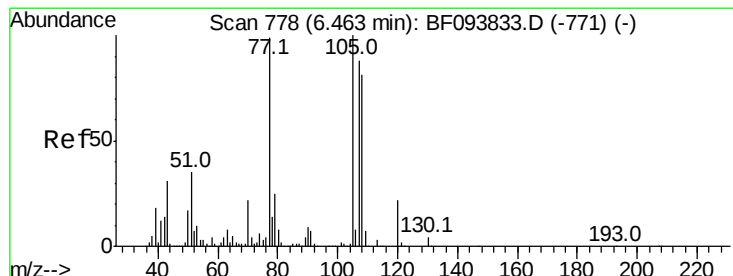
Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MSD

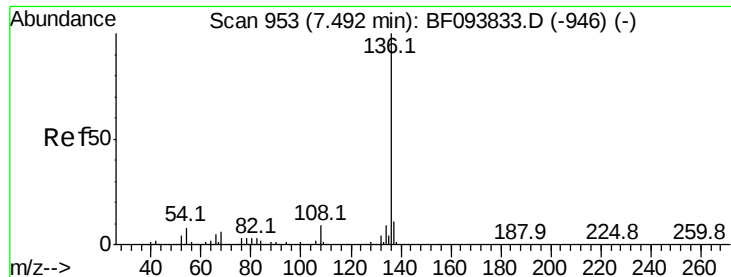
Tot Ion: 70 Resp: 415045
Ion Ratio Lower Upper
70 100
42 57.0 47.2 70.8
101 9.8 7.2 10.8
130 20.6 15.9 23.9



#20
3+4-Methylphenols
Concen: 55.93 ng
RT: 6.35 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

Tgt Ion:107 Resp: 639774
Ion Ratio Lower Upper
107 100
108 92.5 71.0 111.0
77 30.2 90.5 130.5#
79 27.8 8.4 48.4

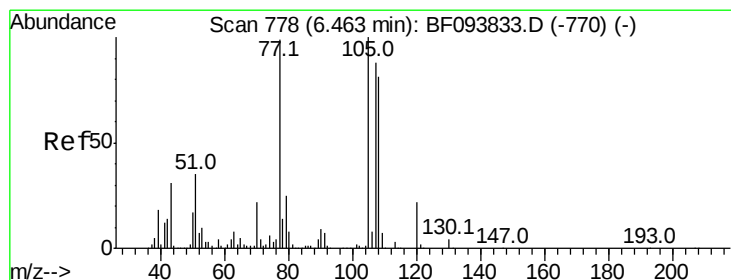
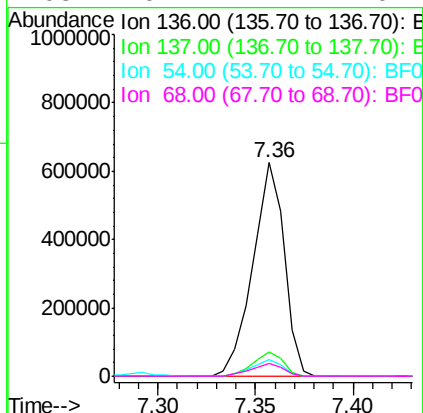
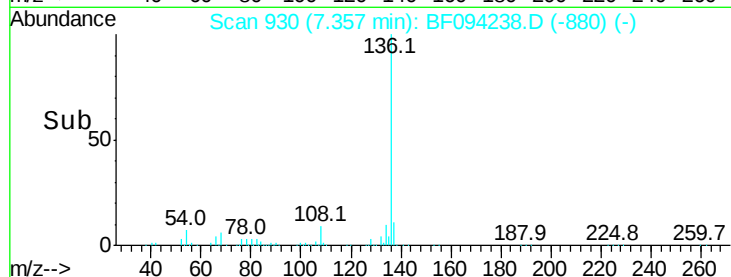
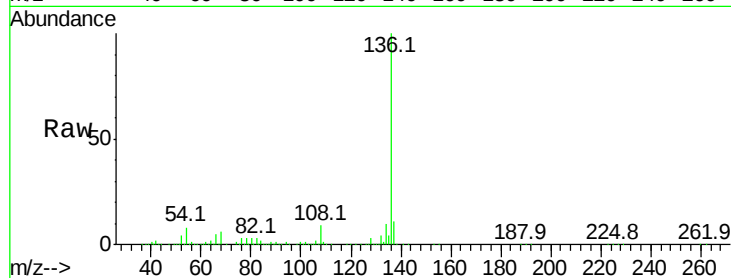




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

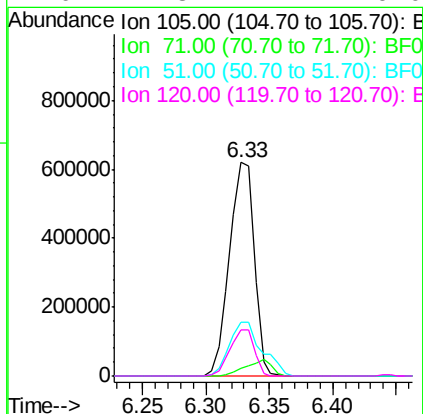
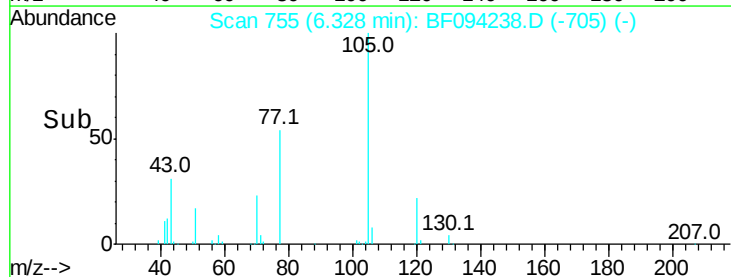
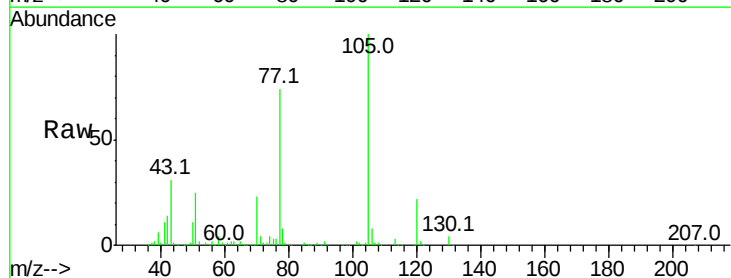
Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MSD

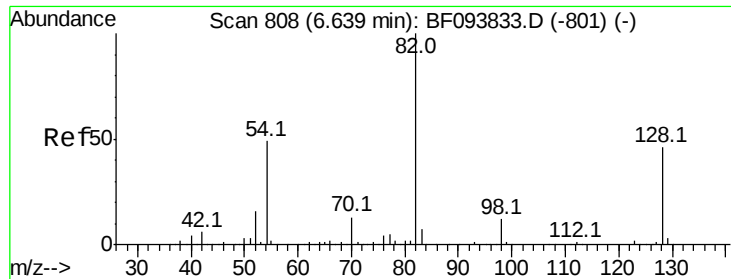
Tot Ion:	136	Resp:	697869
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.5	4.9	7.3#
68	6.1	4.1	6.1



#22
Acetophenone
Concen: 53.82 ng
RT: 6.33 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

Tgt Ion:	105	Resp:	837169
Ion	Ratio	Lower	Upper
105	100		
71	3.8	2.8	4.2
51	24.9	30.7	46.1#
120	21.8	17.4	26.0

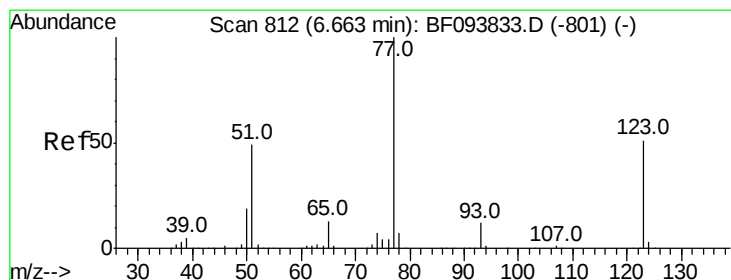
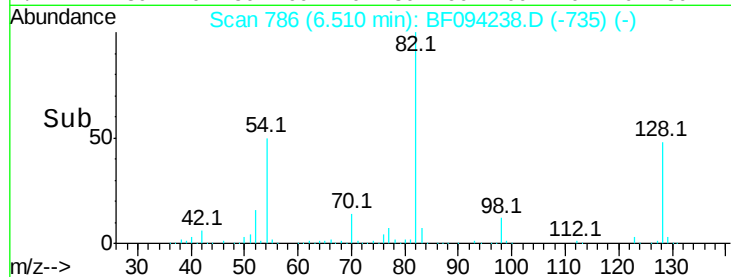
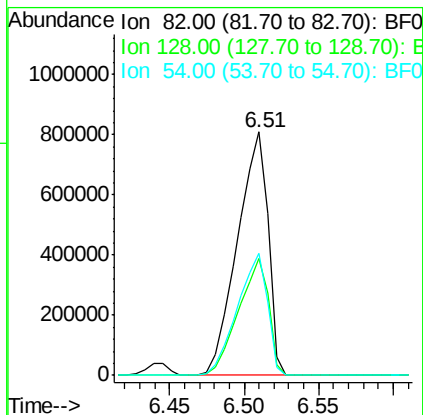
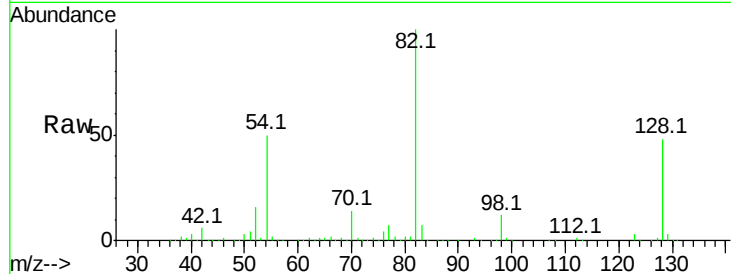




#23
 Nitrobenzene-d5
 Concen: 94.39 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

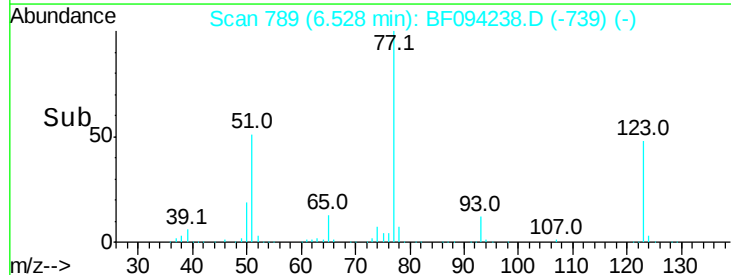
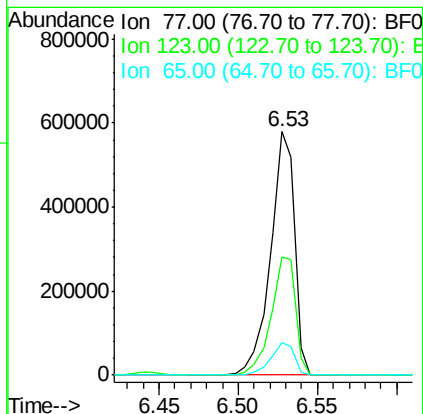
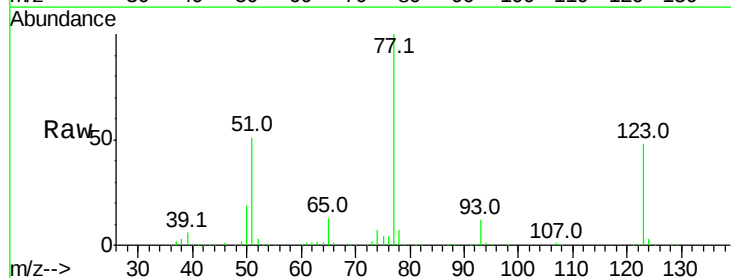
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MSD

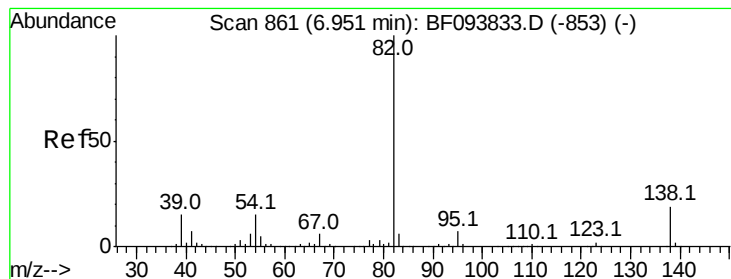
Tot Ion: 82 Resp: 1154235
 Ion Ratio Lower Upper
 82 100
 128 48.0 34.0 51.0
 54 50.3 42.2 63.2



#24
 Nitrobenzene
 Concen: 50.78 ng
 RT: 6.53 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

Tgt Ion: 77 Resp: 612376
 Ion Ratio Lower Upper
 77 100
 123 48.4 35.8 53.8
 65 13.3 10.6 15.8





#25

Isophorone

Concen: 52.73 ng

RT: 6.82 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

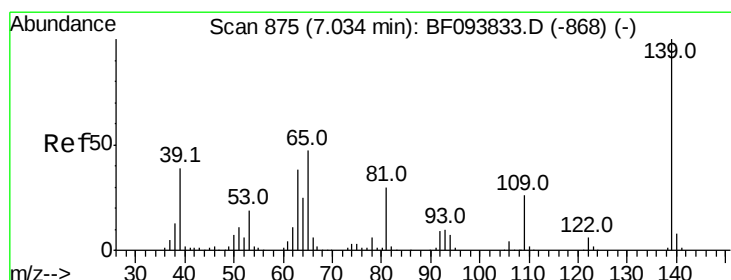
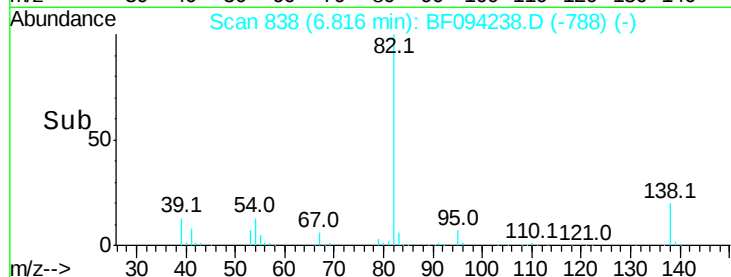
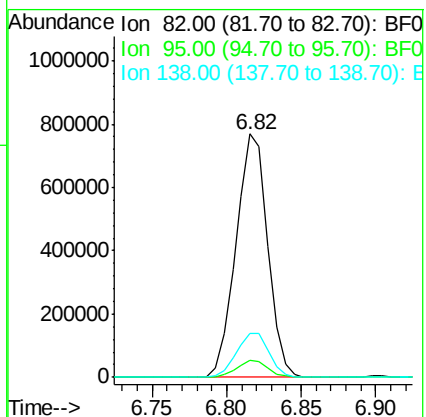
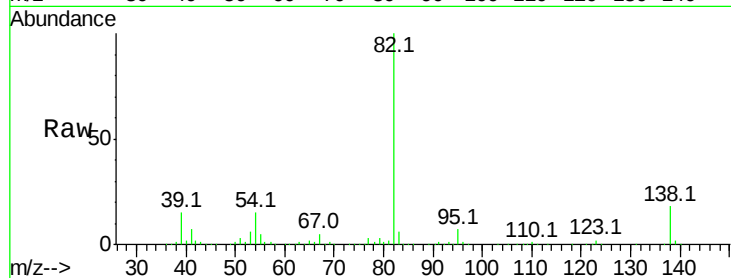
Tot Ion: 82 Resp: 1133081

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.3 13.1 19.7



#26

2-Nitrophenol

Concen: 59.59 ng

RT: 6.90 min Scan# 853

Delta R.T. -0.00 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

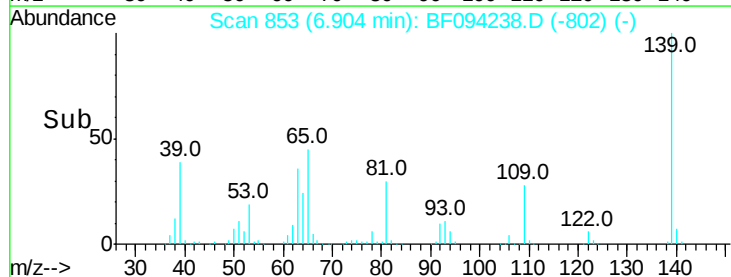
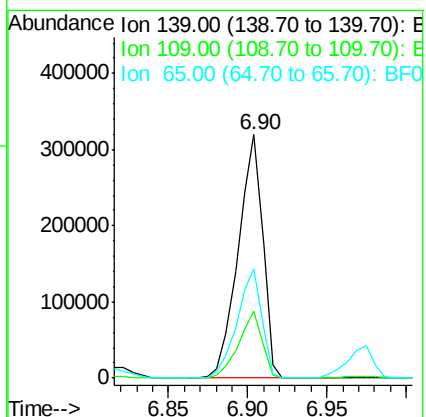
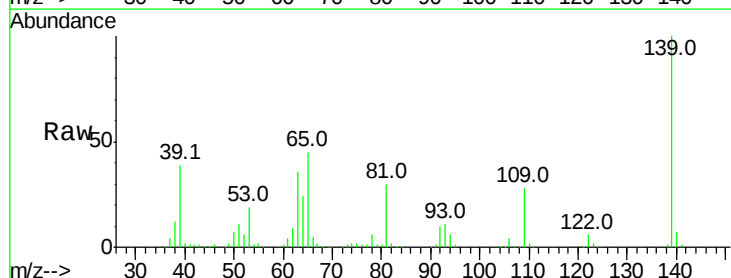
Tgt Ion:139 Resp: 342715

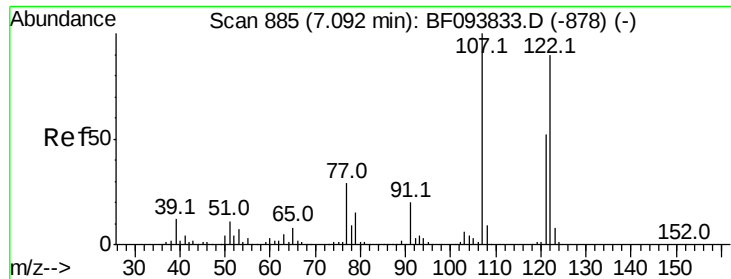
Ion Ratio Lower Upper

139 100

109 27.6 21.0 31.6

65 44.6 33.0 49.6

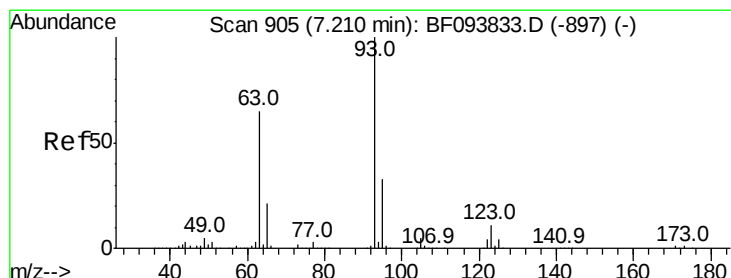
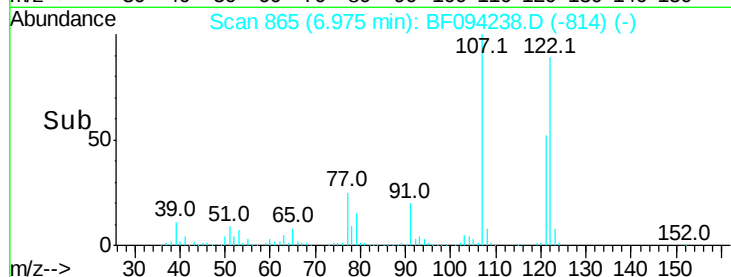
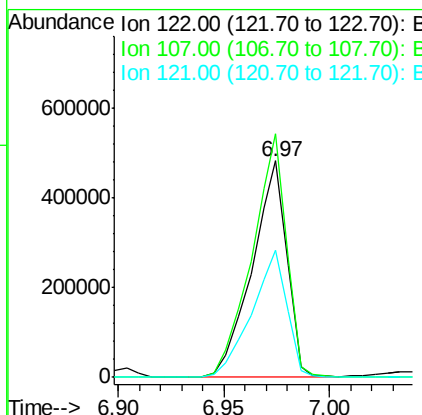
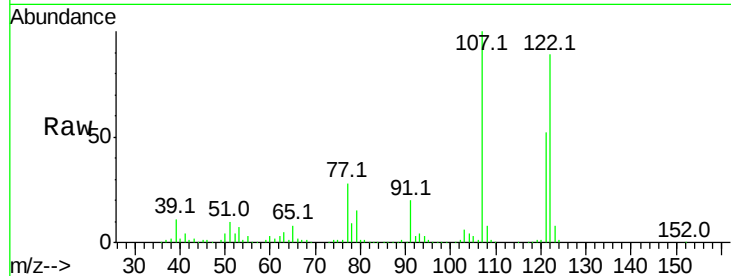




#27
 2,4-Dimethylphenol
 Concen: 55.94 ng
 RT: 6.97 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

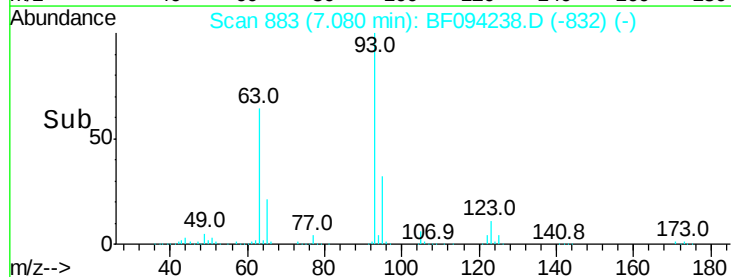
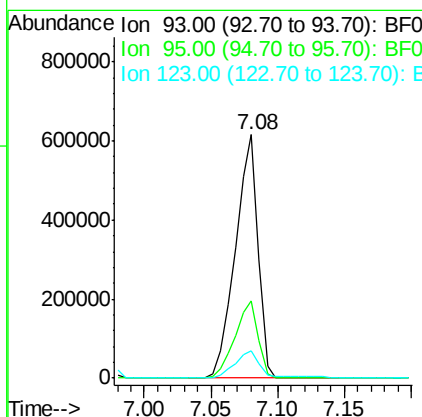
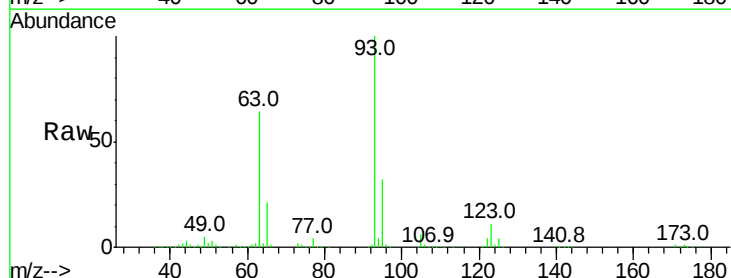
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MSD

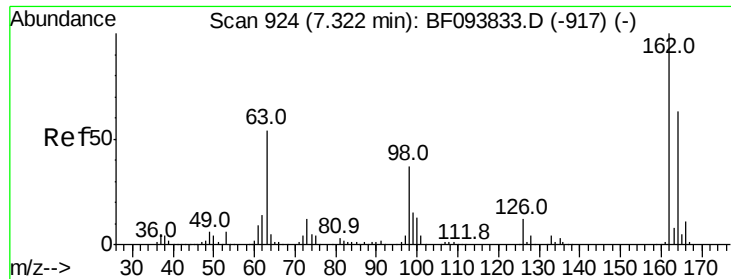
Tot Ion:122 Resp: 554396
 Ion Ratio Lower Upper
 122 100
 107 112.4 89.2 133.8
 121 58.7 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.36 ng
 RT: 7.08 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

Tgt Ion: 93 Resp: 727832
 Ion Ratio Lower Upper
 93 100
 95 31.8 26.5 39.7
 123 11.4 9.0 13.4

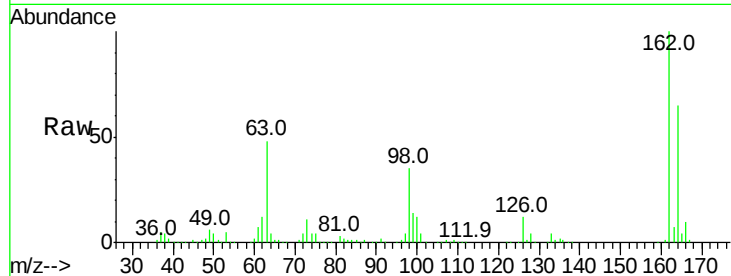




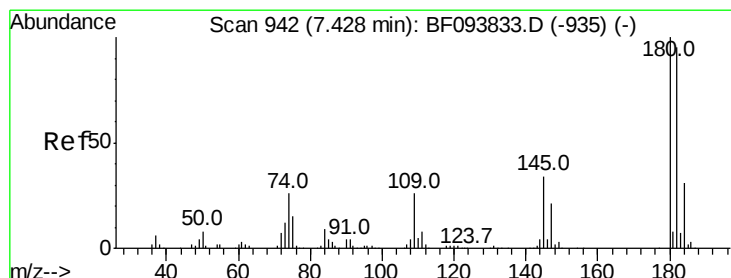
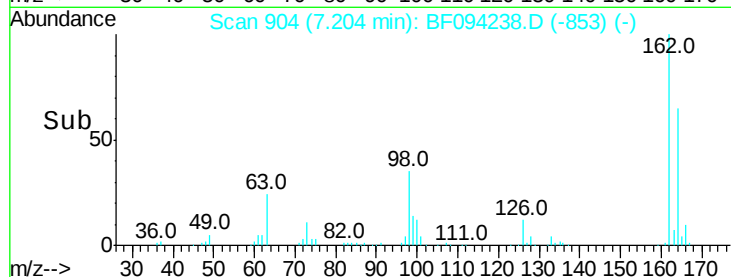
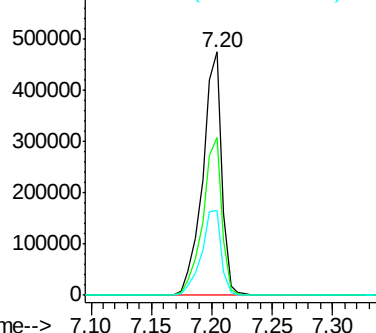
#29
 2,4-Dichlorophenol
 Concen: 56.47 ng
 RT: 7.20 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.6	84.6
98	35.1	14.8	54.8

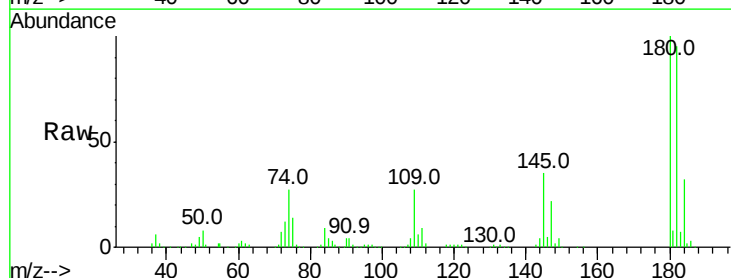


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

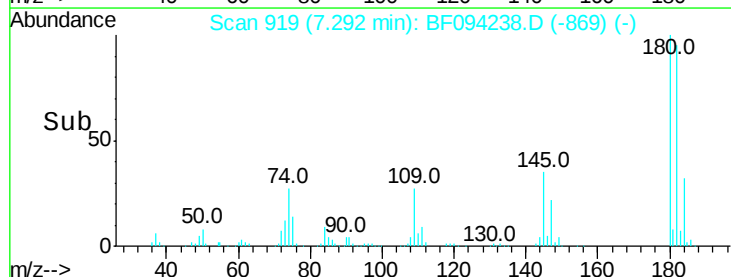
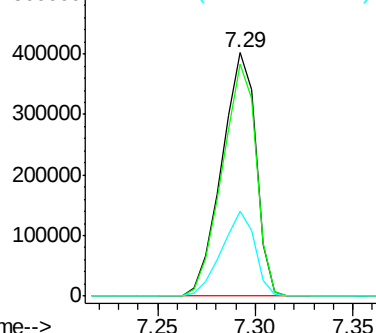


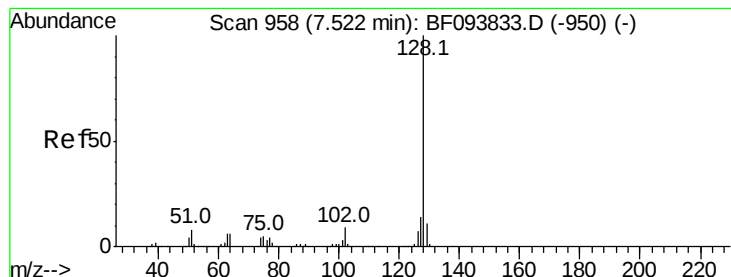
#30
 1,2,4-Trichlorobenzene
 Concen: 51.15 ng
 RT: 7.29 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
145	34.7	25.3	37.9



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





#31

Naphthalene

Concen: 49.82 ng

RT: 7.39 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

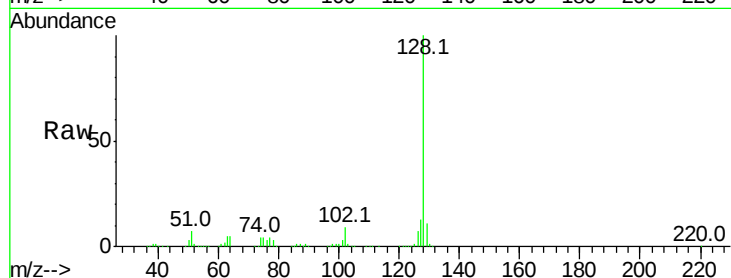
Tot Ion:128 Resp: 1671880

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

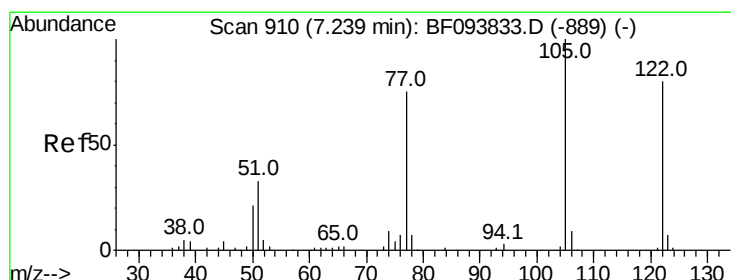
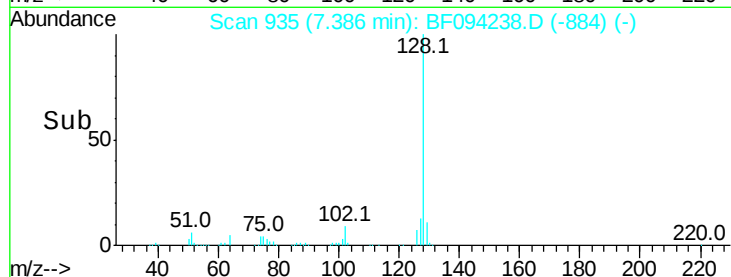
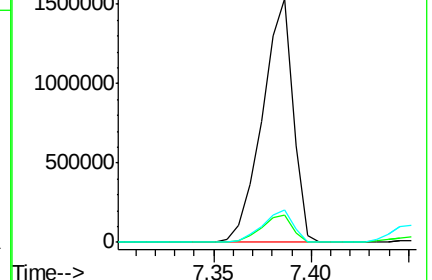
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.18 ng

RT: 7.13 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

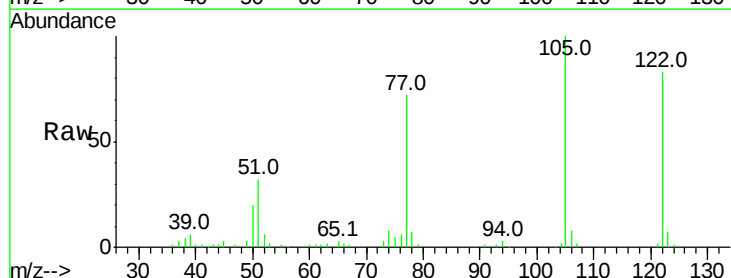
Tgt Ion:122 Resp: 212324

Ion Ratio Lower Upper

122 100

105 119.9 103.3 143.3

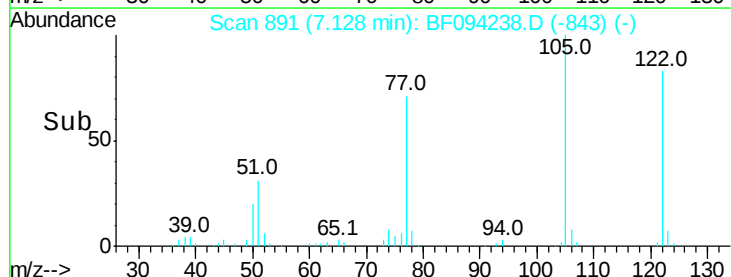
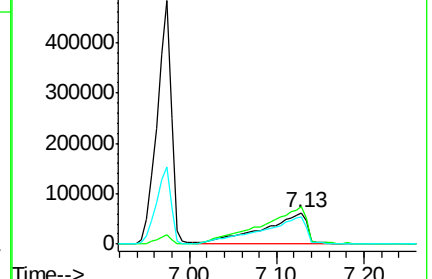
77 86.4 73.7 113.7

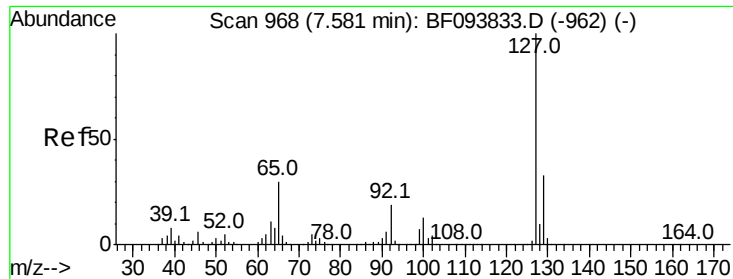


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

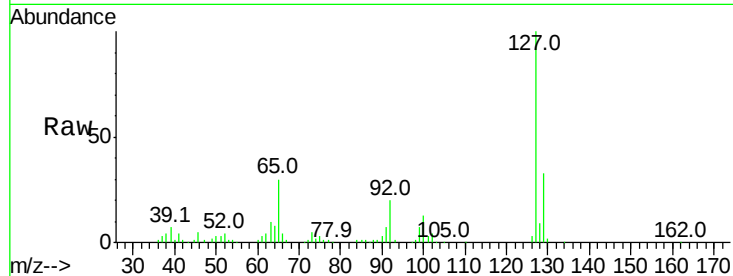




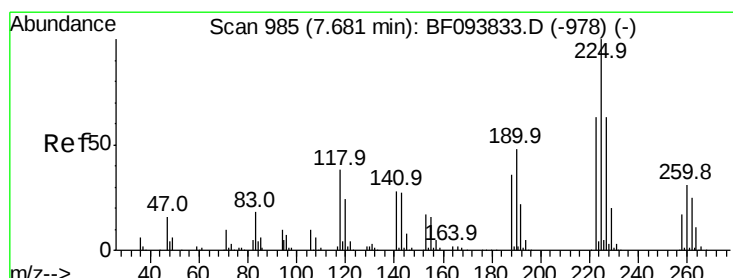
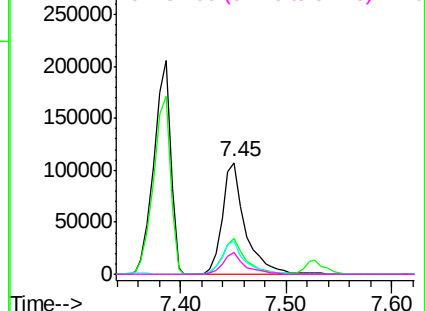
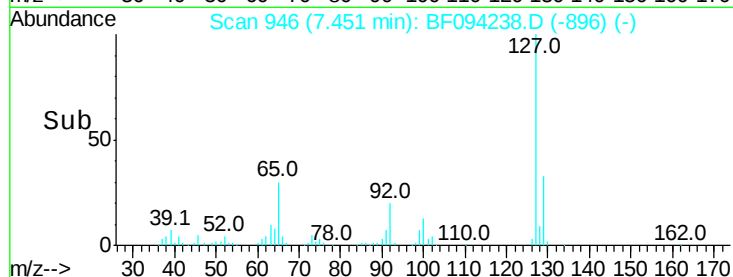
#33
4-Chloroaniline
Concen: 11.93 ng
RT: 7.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

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

Tot Ion:	127	Resp:	162307
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	29.9	27.8	41.8
92	19.8	16.8	25.2

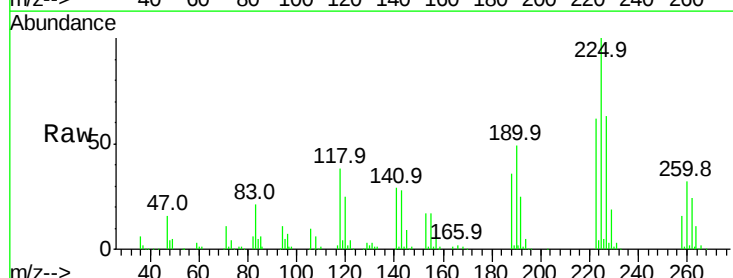


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

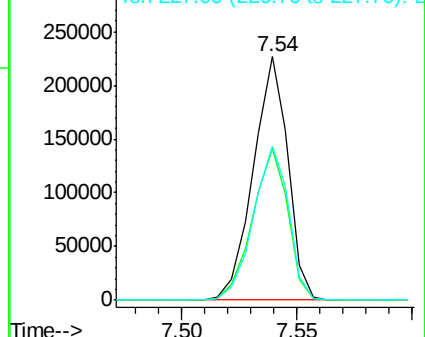
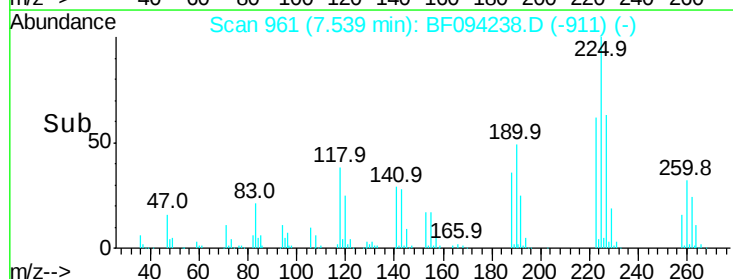


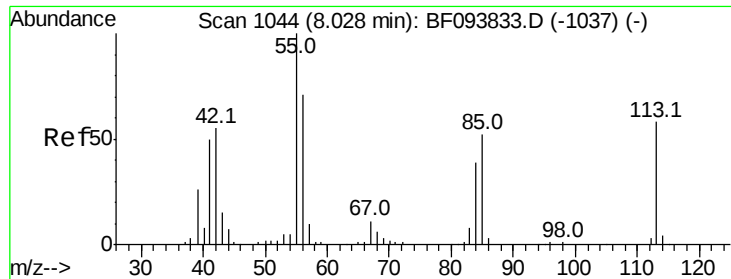
#34
Hexachlorobutadiene
Concen: 48.44 ng
RT: 7.54 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

Tgt Ion:	225	Resp:	237054
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.8	73.2
227	63.1	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

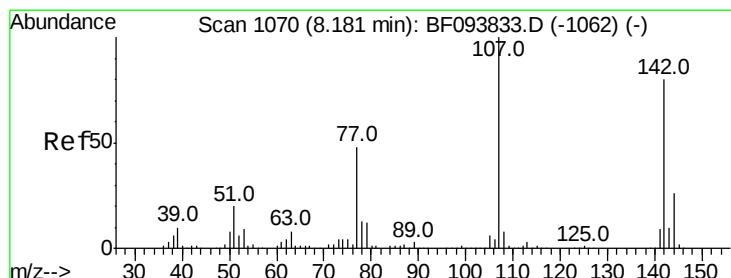
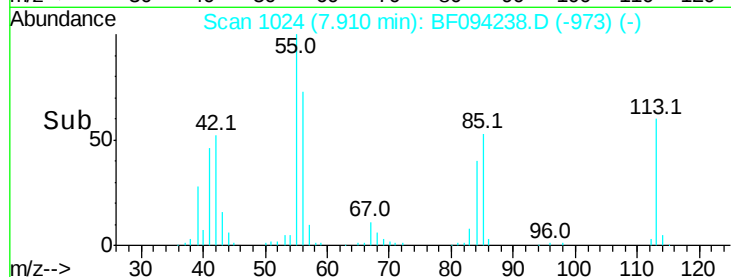
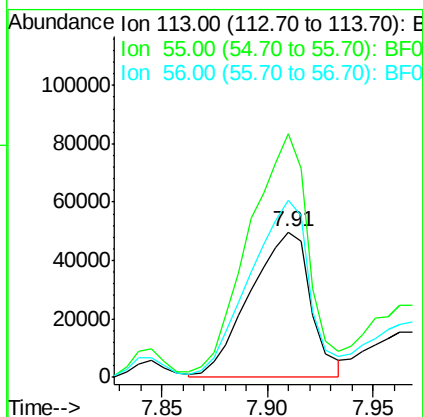
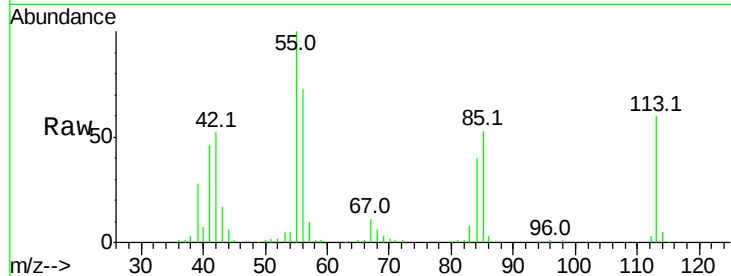




#35
Caprolactam
Concen: 33.88 ng
RT: 7.91 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

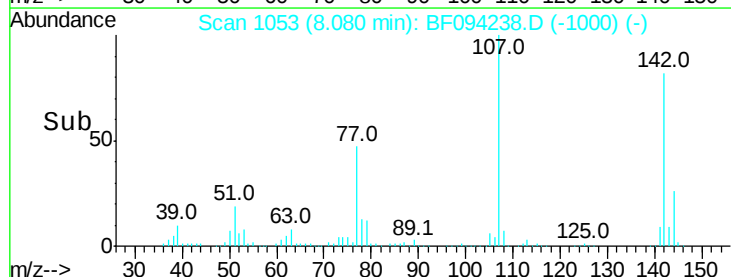
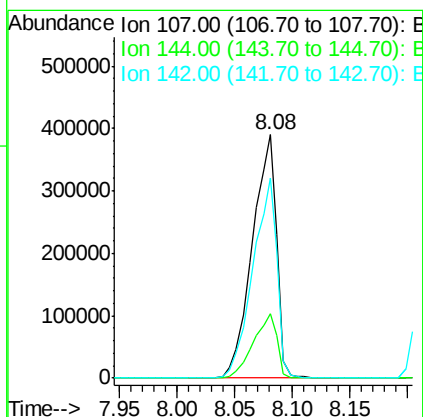
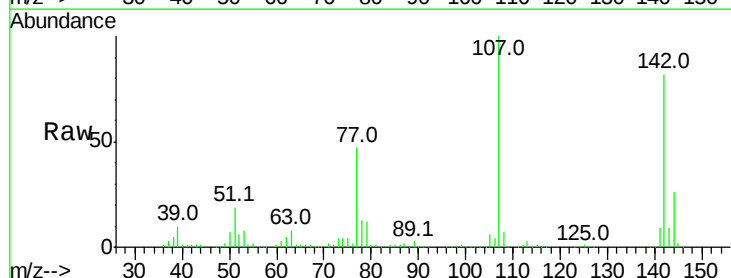
Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MSD

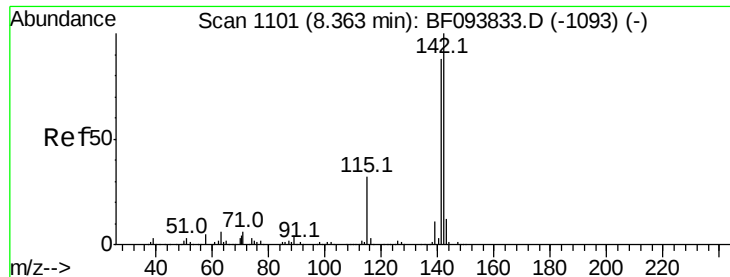
Tot Ion:113 Resp: 100101
Ion Ratio Lower Upper
113 100
55 167.4 150.2 190.2
56 121.5 107.8 147.8



#36
4-Chloro-3-methylphenol
Concen: 59.16 ng
RT: 8.08 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

Tgt Ion:107 Resp: 572837
Ion Ratio Lower Upper
107 100
144 26.2 24.2 36.4
142 82.0 73.4 110.0





#37

2-Methylnaphthalene

Concen: 52.28 ng

RT: 8.23 min Scan# 1078

Delta R.T. -0.00 min

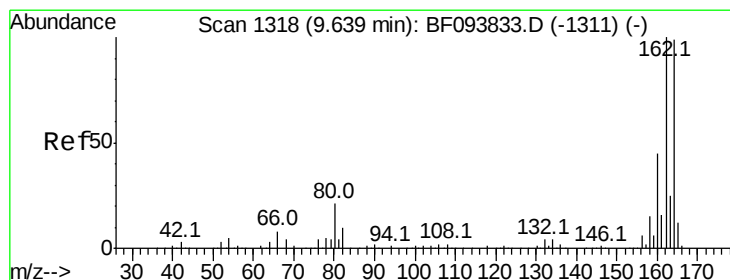
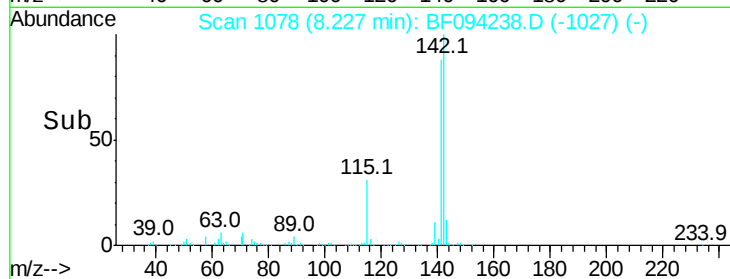
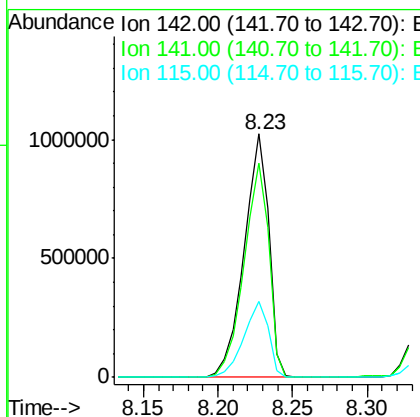
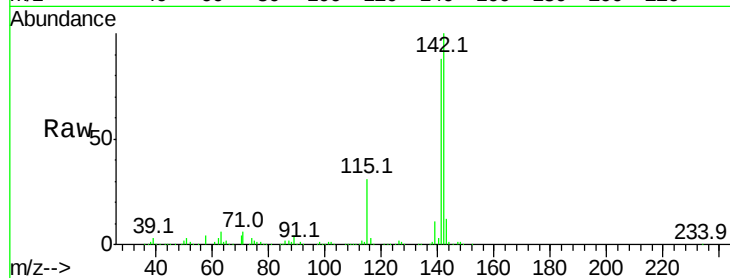
Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

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

Tot Ion:142 Resp: 1169516

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.3	106.9
115	31.4	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.50 min Scan# 1294

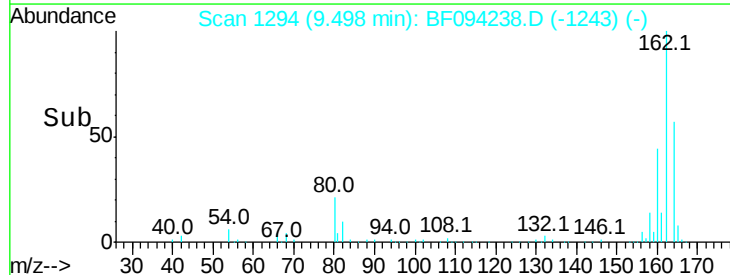
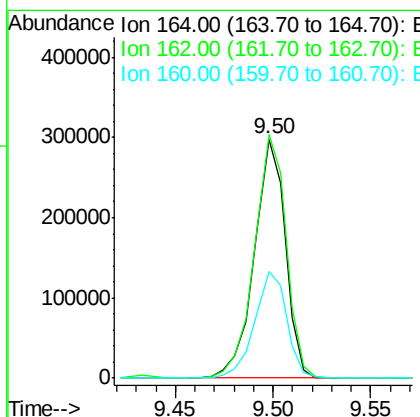
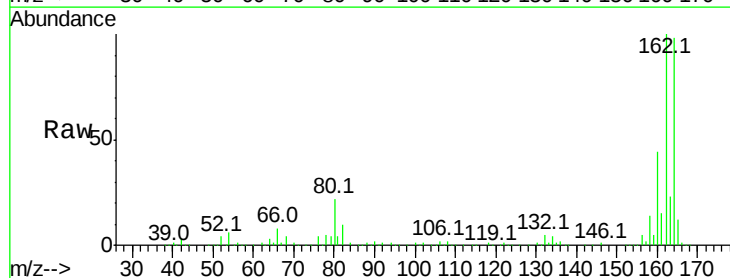
Delta R.T. -0.00 min

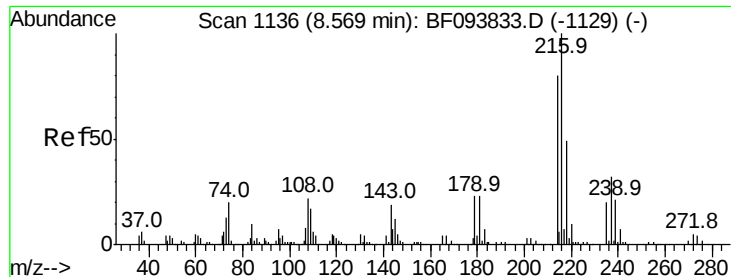
Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Tgt Ion:164 Resp: 327371

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	45.0	36.2	54.2

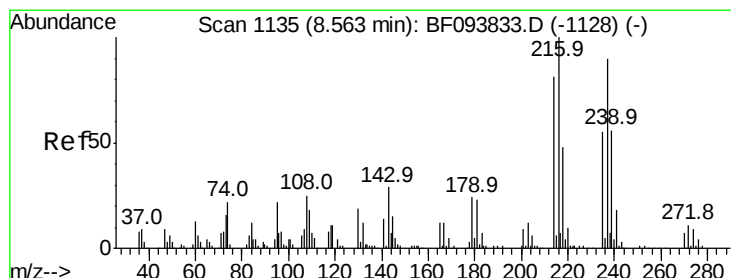
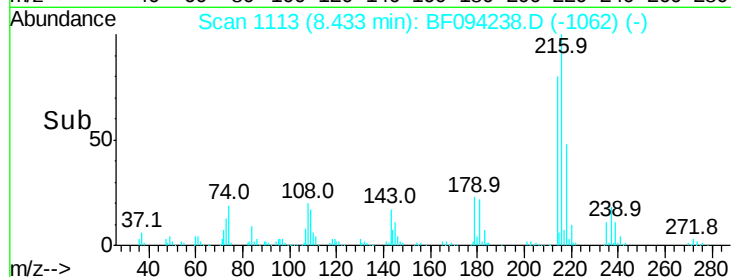
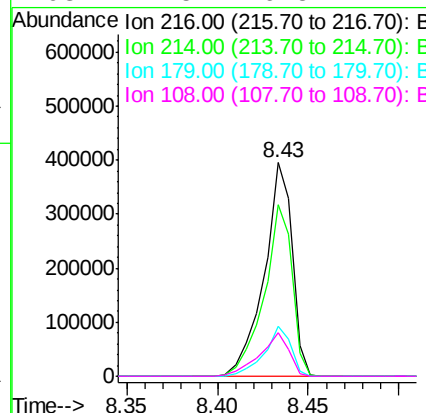
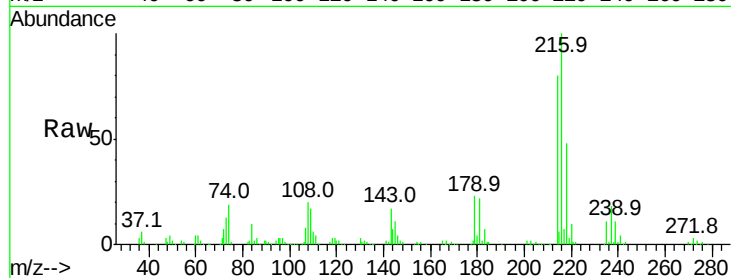




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.63 ng
 RT: 8.43 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

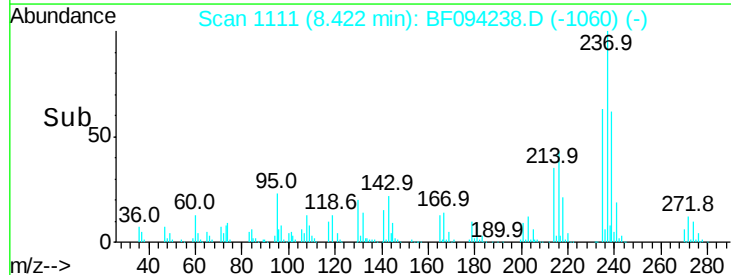
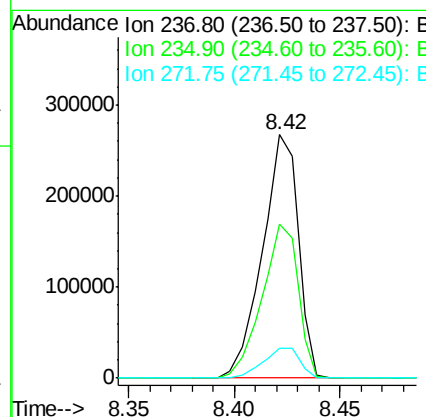
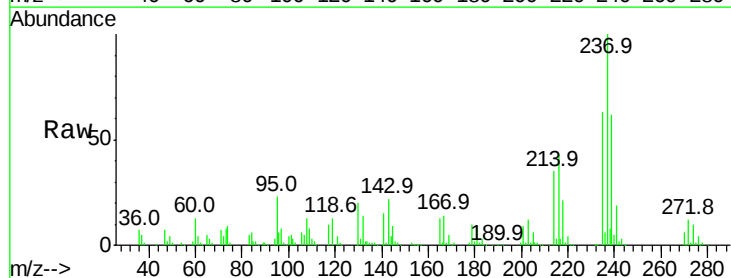
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MSD

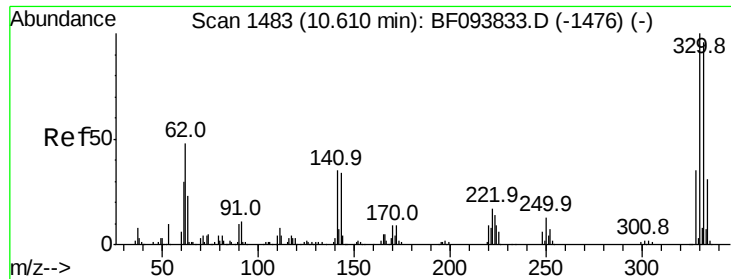
Tot Ion:	216	Resp:	426537
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.4	95.2
179	22.4	17.9	26.9
108	21.5	16.5	24.7



#40
 Hexachlorocyclopentadiene
 Concen: 75.67 ng
 RT: 8.42 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

Tgt Ion:	237	Resp:	317130
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.6	82.6
272	12.3	0.0	31.9

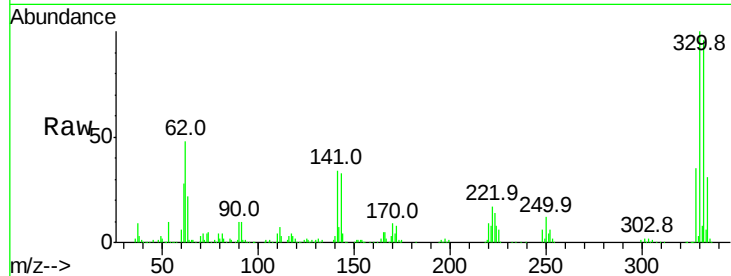




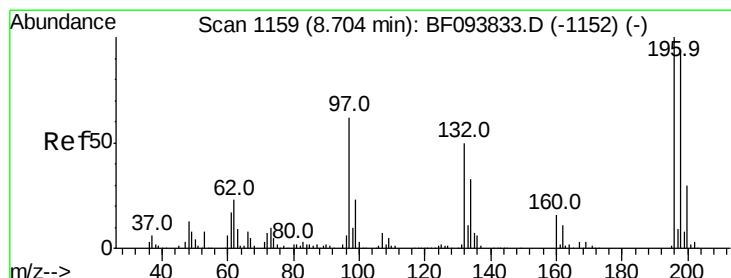
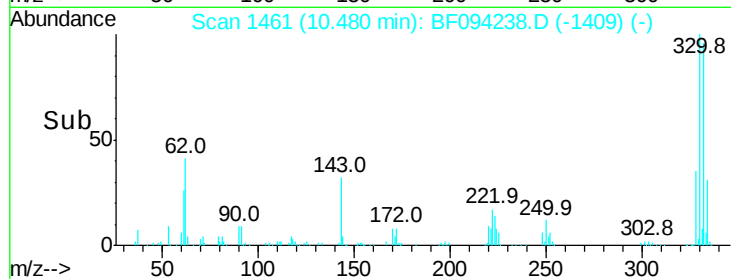
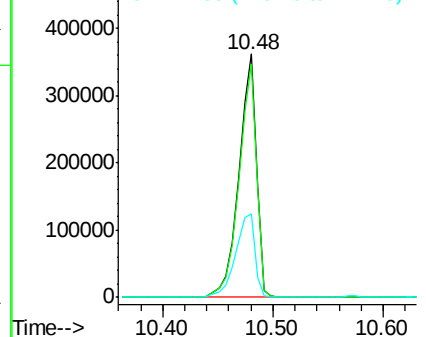
#41
 2,4,6-Tribromophenol
 Concen: 156.26 ng
 RT: 10.48 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	38.0	31.4	47.2

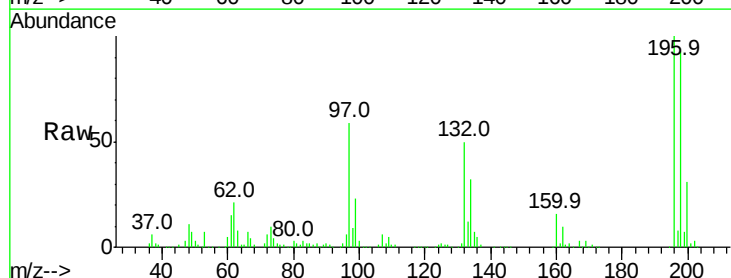


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

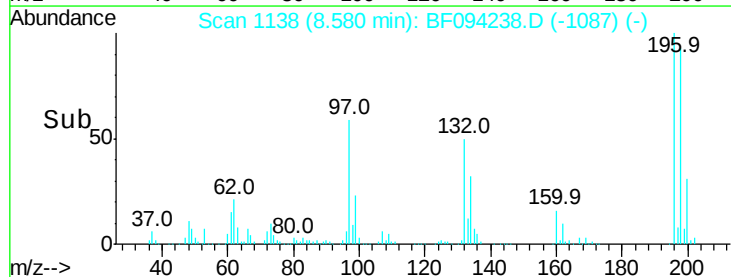
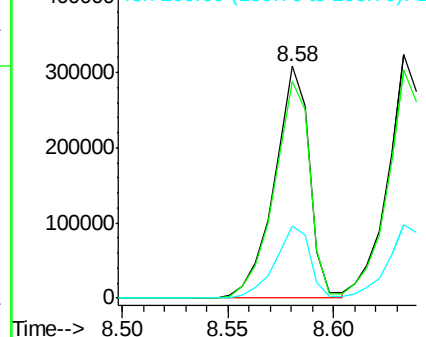


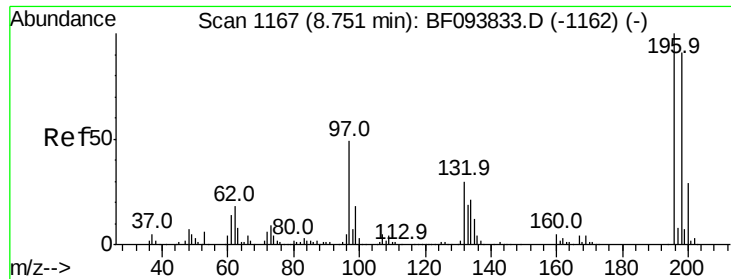
#42
 2,4,6-Trichlorophenol
 Concen: 56.11 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.4	74.2	111.4
200	31.0	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

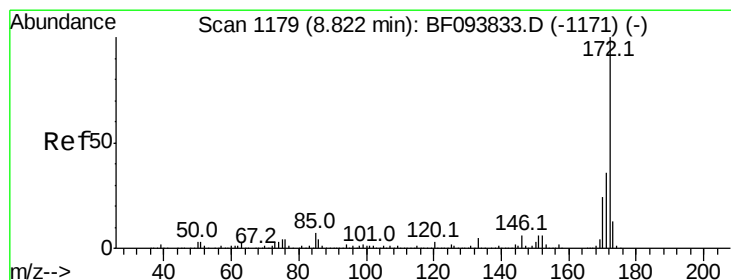
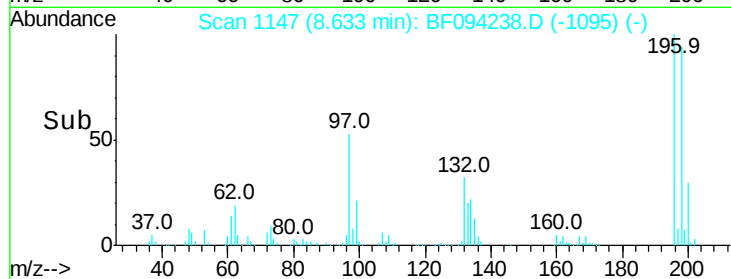
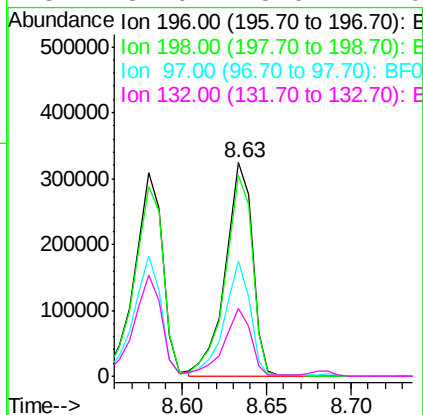
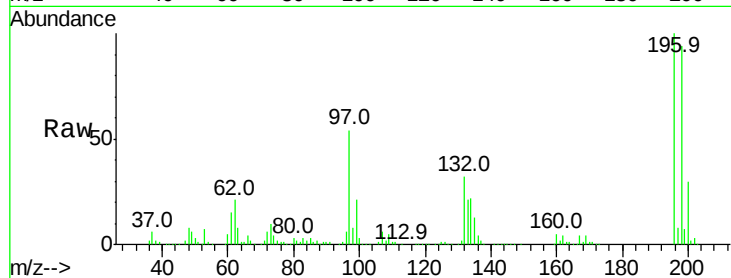




#43
 2,4,5-Trichlorophenol
 Concen: 52.63 ng
 RT: 8.63 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

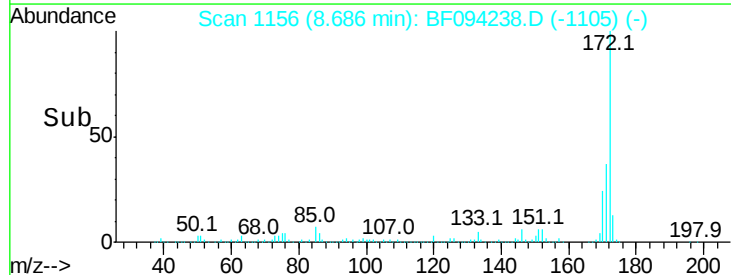
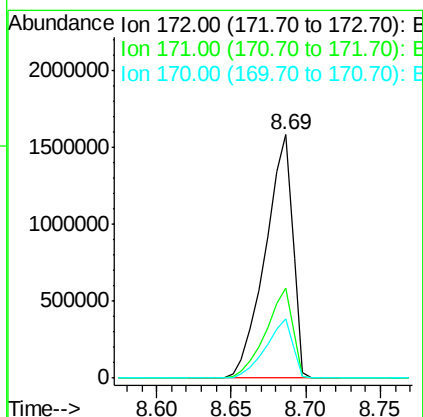
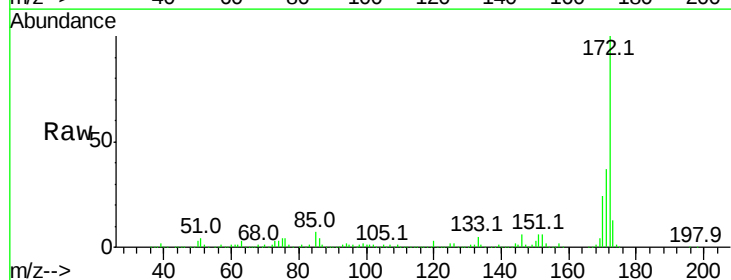
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MSD

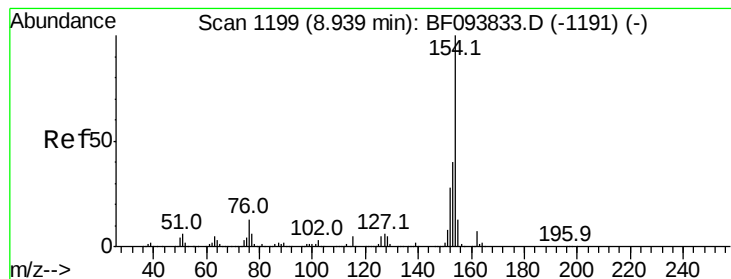
Tot Ion:	196	Resp:	360864
Ion	Ratio	Lower	Upper
196	100		
198	93.9	75.7	113.5
97	53.7	47.7	71.5
132	32.0	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 93.61 ng
 RT: 8.69 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

Tgt Ion:	172	Resp:	2009182
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.2	19.8	29.8





#45

1,1'-Biphenyl

Concen: 48.07 ng

RT: 8.80 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

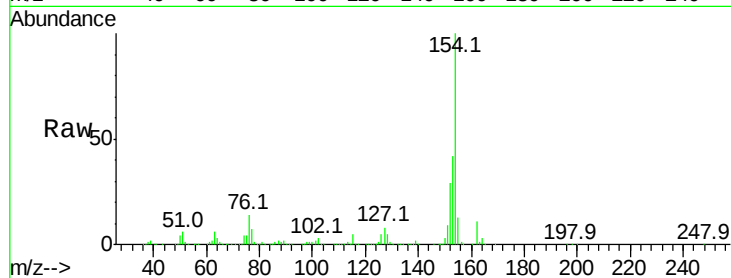
Tot Ion:154 Resp: 1269284

Ion Ratio Lower Upper

154 100

153 41.5 21.2 61.2

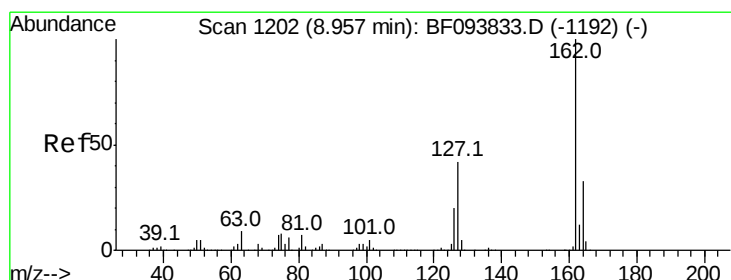
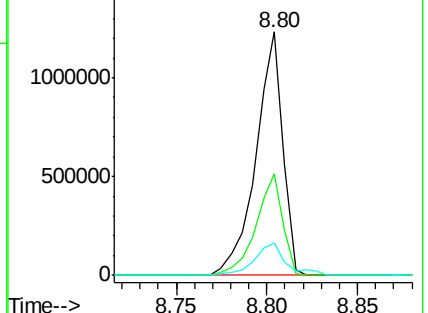
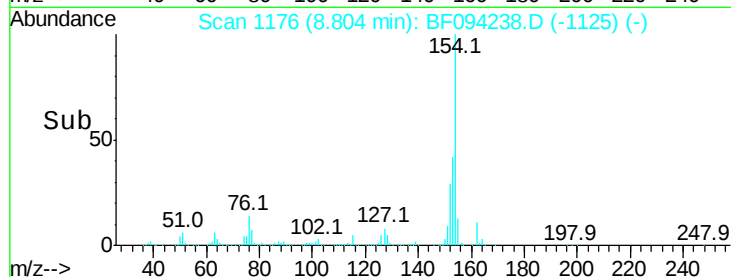
76 13.5 0.0 29.9



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: 49.34 ng

RT: 8.82 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

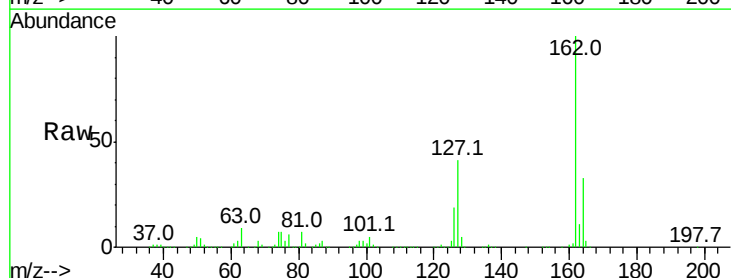
Tgt Ion:162 Resp: 1019820

Ion Ratio Lower Upper

162 100

127 41.3 28.3 42.5

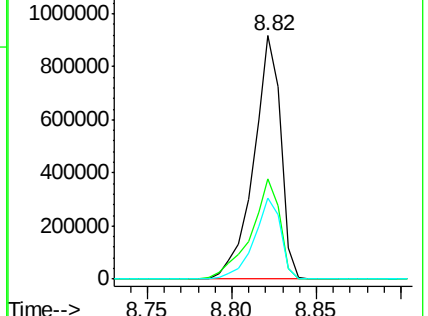
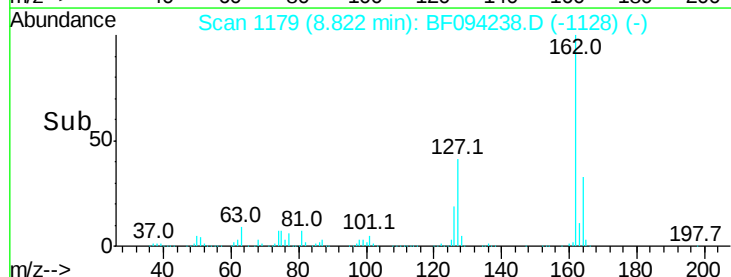
164 33.5 27.0 40.4

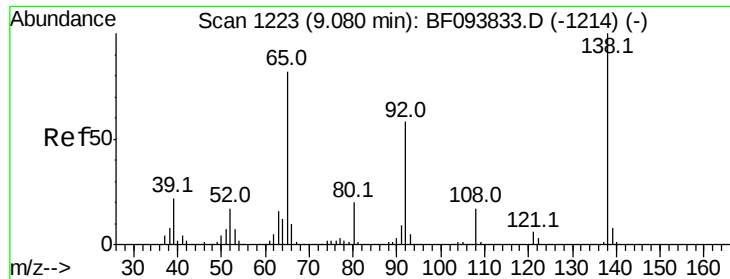


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

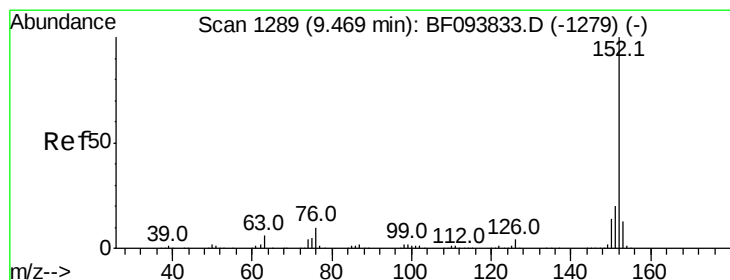
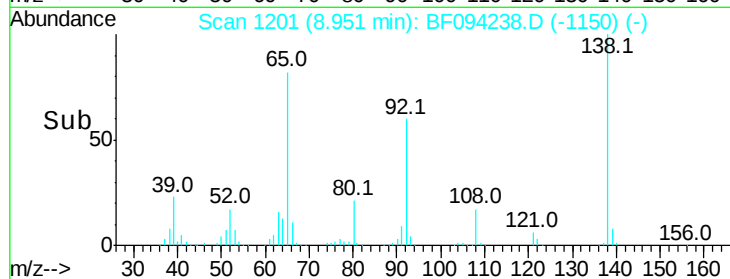
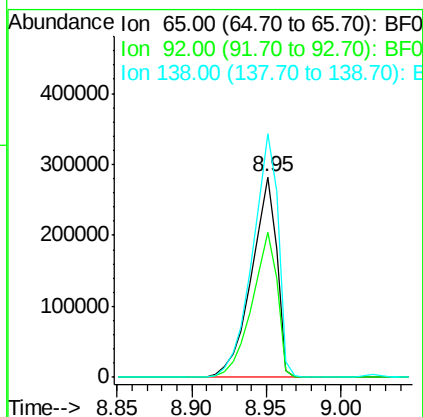
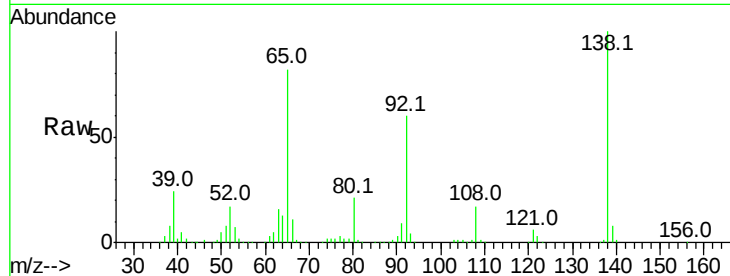




#47
2-Nitroaniline
Concen: 53.74 ng
RT: 8.95 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

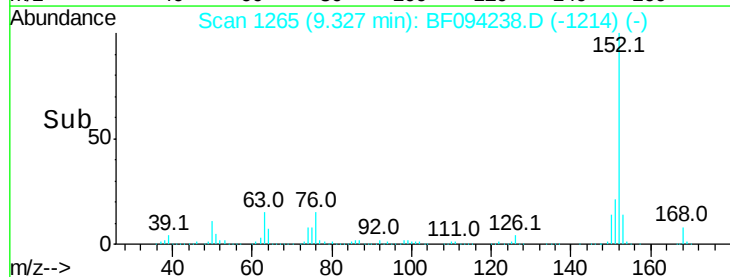
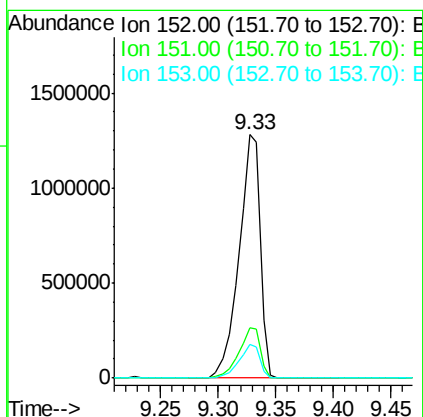
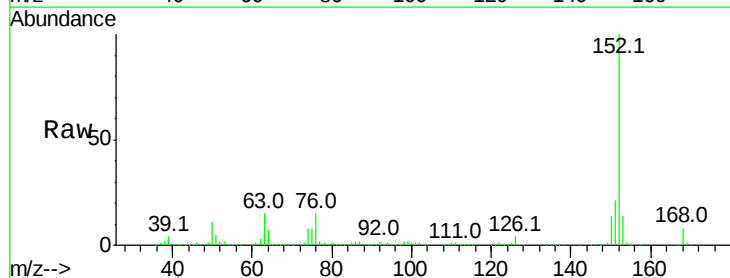
Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MSD

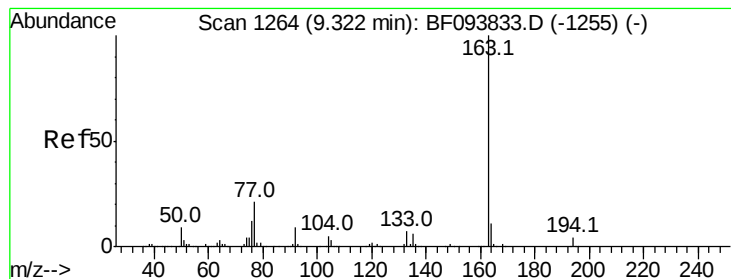
Tot Ion: 65 Resp: 329495
Ion Ratio Lower Upper
65 100
92 72.6 53.9 80.9
138 121.4 78.8 118.2#



#48
Acenaphthylene
Concen: 47.21 ng
RT: 9.33 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

Tgt Ion:152 Resp: 1621656
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.7 10.8 16.2





#49

Dimethylphthalate

Concen: 67.19 ng

RT: 9.20 min Scan# 1243

Delta R.T. 0.01 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

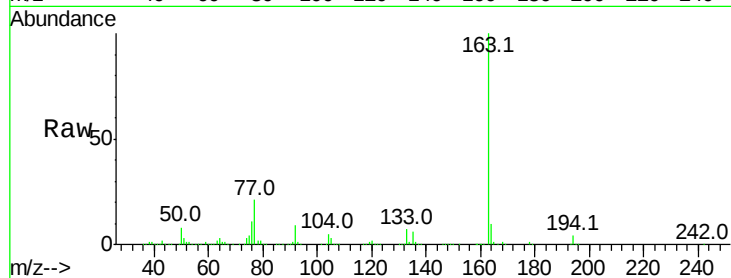
Tot Ion:163 Resp: 1563590

Ion Ratio Lower Upper

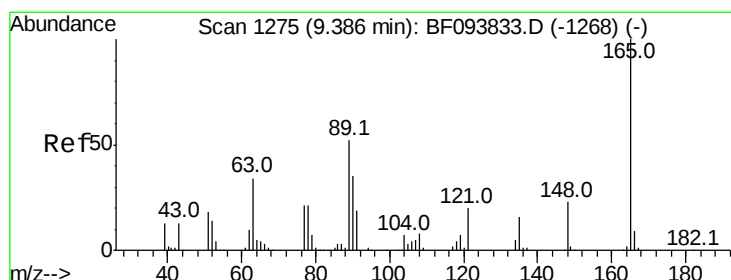
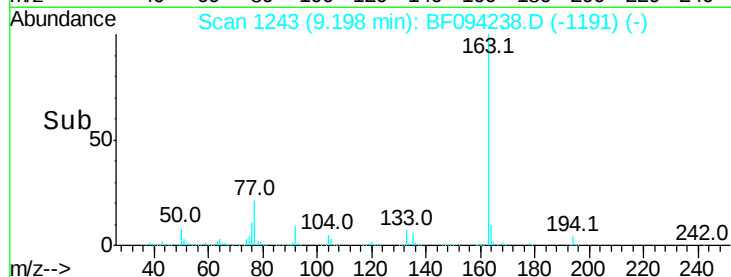
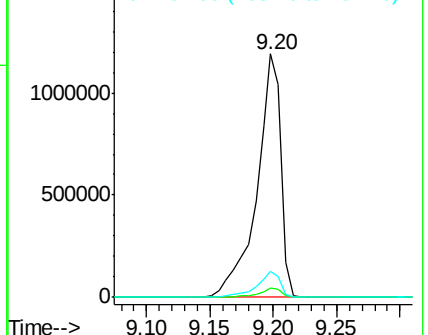
163 100

194 3.7 2.6 4.0

164 10.5 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: 53.61 ng

RT: 9.26 min Scan# 1254

Delta R.T. 0.01 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

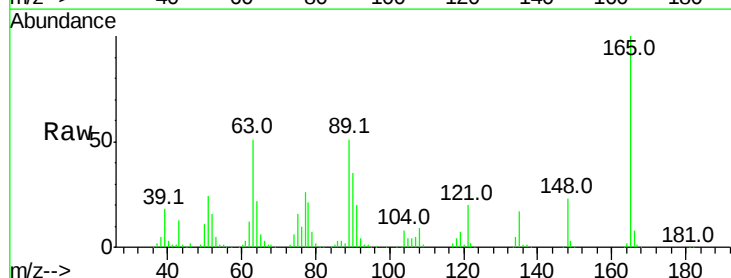
Tgt Ion:165 Resp: 286009

Ion Ratio Lower Upper

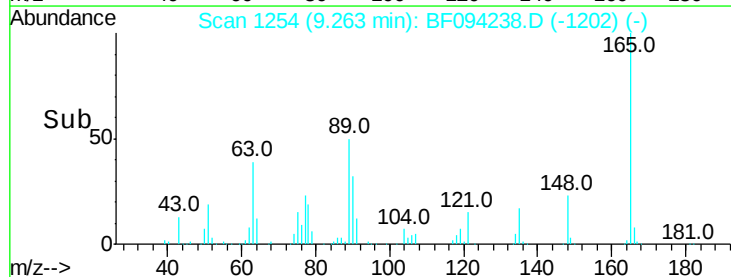
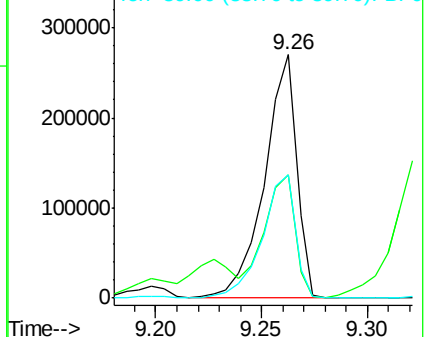
165 100

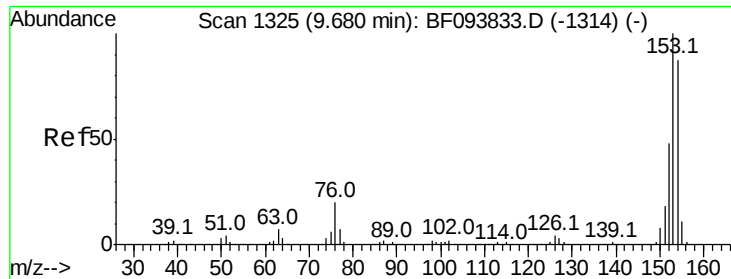
63 50.9 34.3 51.5

89 50.7 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: 47.93 ng

RT: 9.55 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

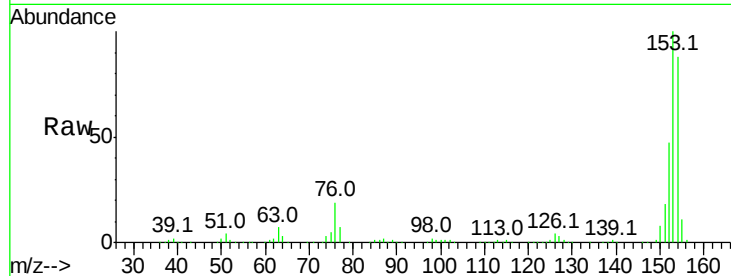
Tot Ion:154 Resp: 960809

Ion Ratio Lower Upper

154 100

153 113.6 90.5 135.7

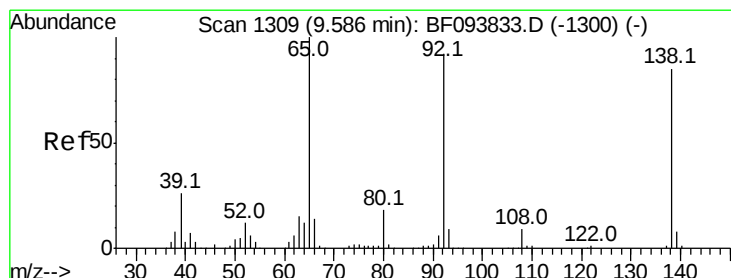
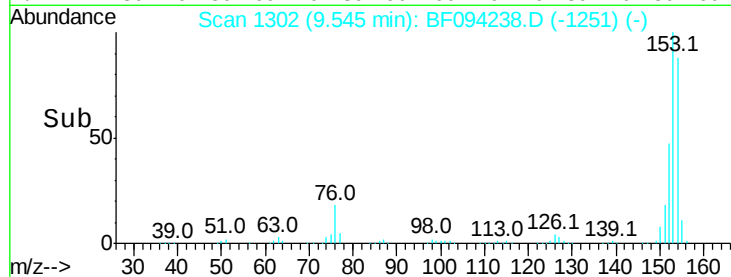
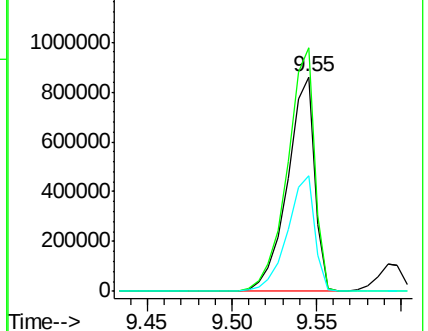
152 53.8 43.6 65.4



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: 22.96 ng

RT: 9.46 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

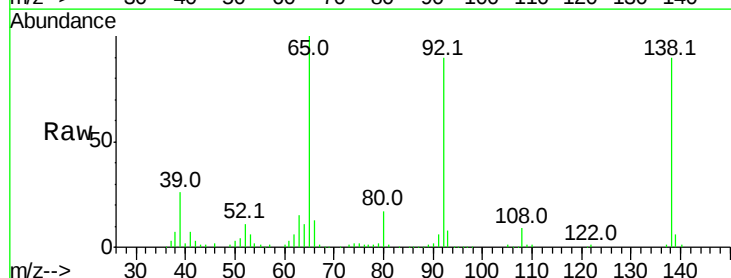
Tgt Ion:138 Resp: 143823

Ion Ratio Lower Upper

138 100

108 9.8 9.1 13.7

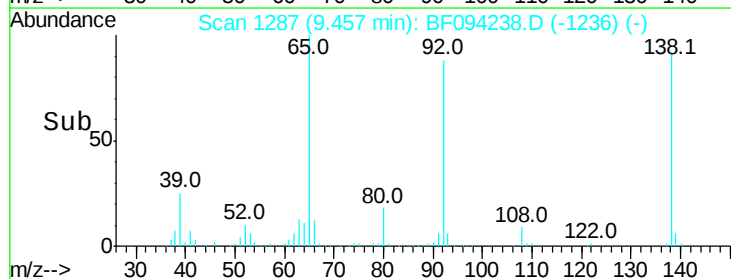
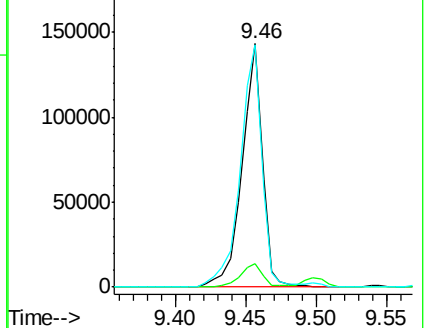
92 99.8 93.8 140.6

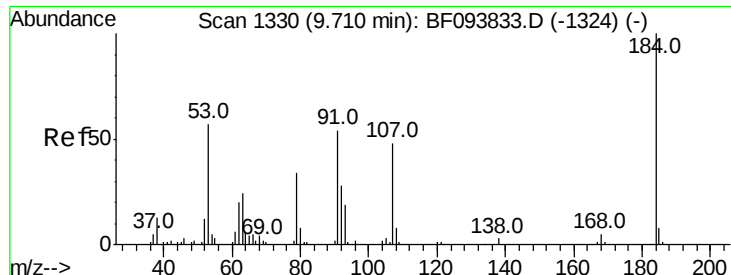


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

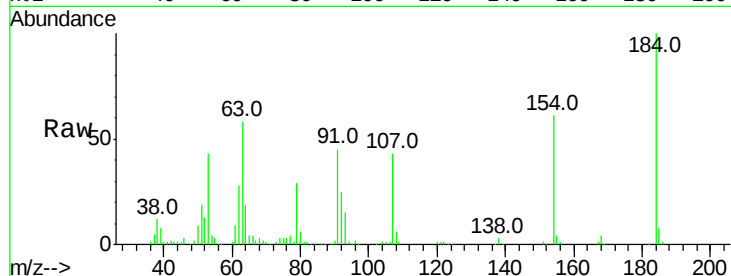




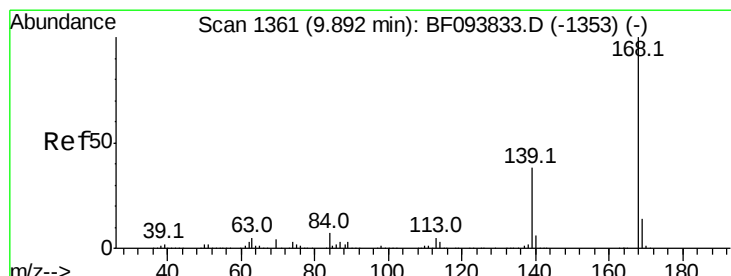
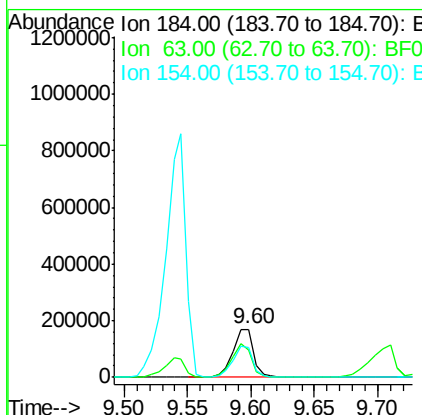
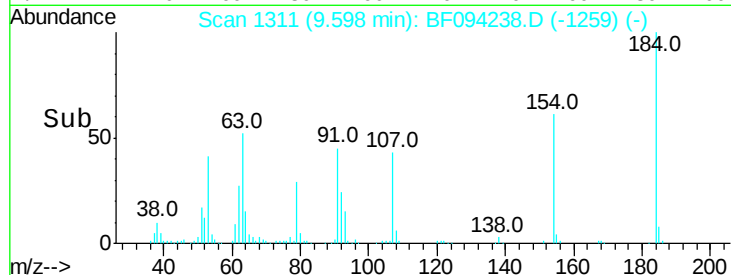
#53
 2,4-Dinitrophenol
 Concen: 68.96 ng
 RT: 9.60 min Scan# 1311
 Delta R.T. 0.01 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

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

Tot Ion:184	Resp:	194896
Ion Ratio	Lower	Upper
184	100	
63	57.7	62.7 94.1#
154	61.2	81.1 121.7#

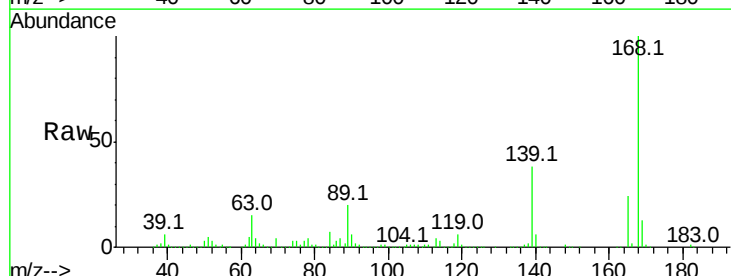


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

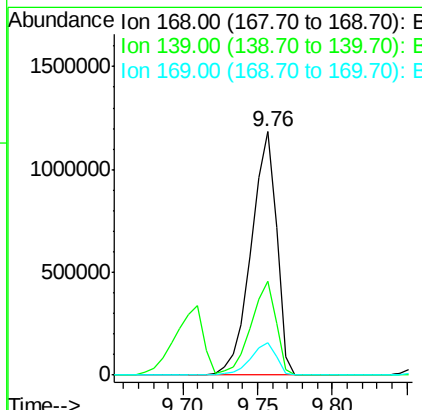
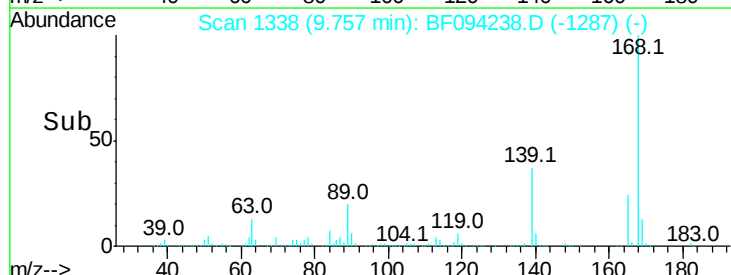


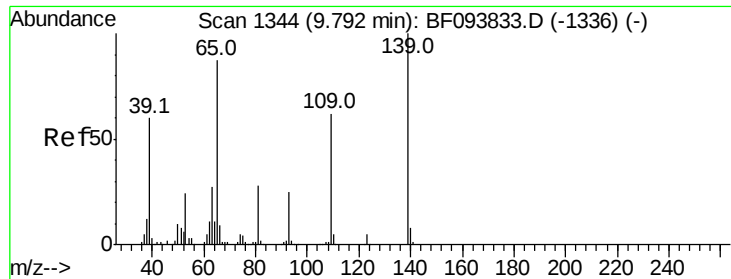
#54
 Dibenzofuran
 Concen: 50.84 ng
 RT: 9.76 min Scan# 1338
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

Tgt Ion:168	Resp:	1387272
Ion Ratio	Lower	Upper
168	100	
139	38.3	30.6 45.8
169	13.1	10.8 16.2



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





#55

4-Nitrophenol

Concen: 93.44 ng

RT: 9.71 min Scan# 1330

Delta R.T. 0.02 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

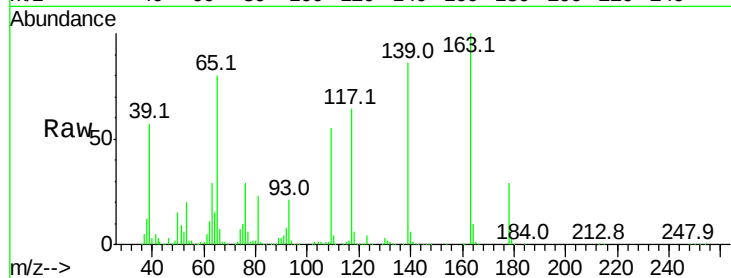
Tot Ion:139 Resp: 458405

Ion Ratio Lower Upper

139 100

109 64.4 34.1 74.1

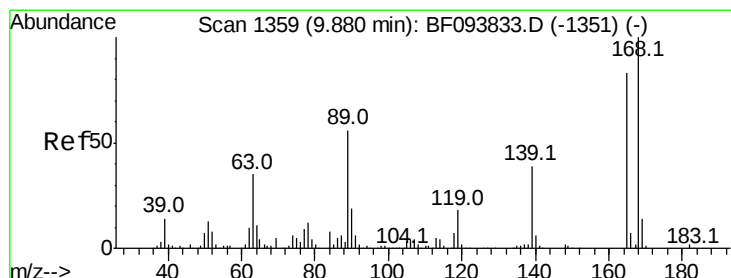
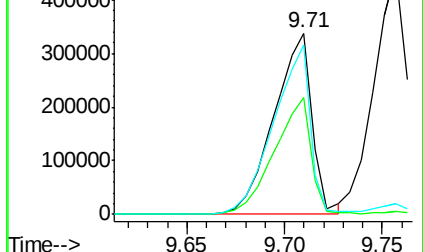
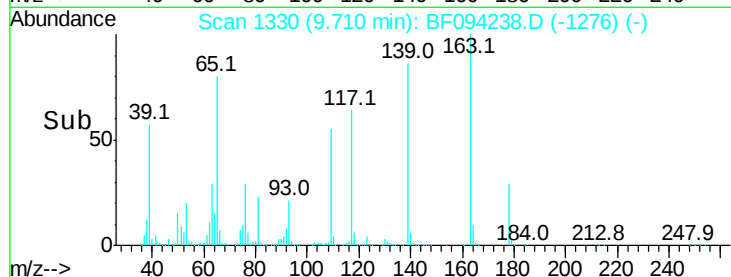
65 93.6 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 51.17 ng

RT: 9.76 min Scan# 1338

Delta R.T. 0.01 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Tgt Ion:165 Resp: 342895

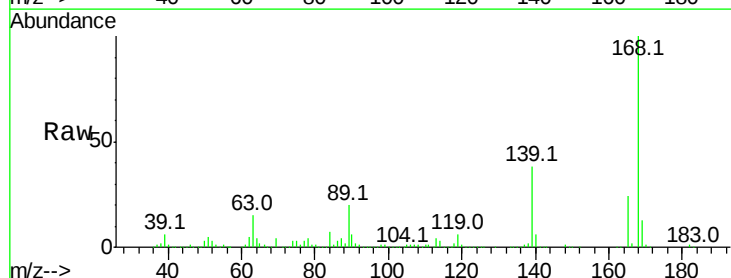
Ion Ratio Lower Upper

165 100

63 61.6 25.4 38.0#

89 82.2 46.4 69.6#

182 2.4 1.8 2.6

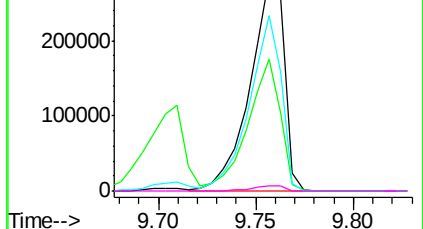
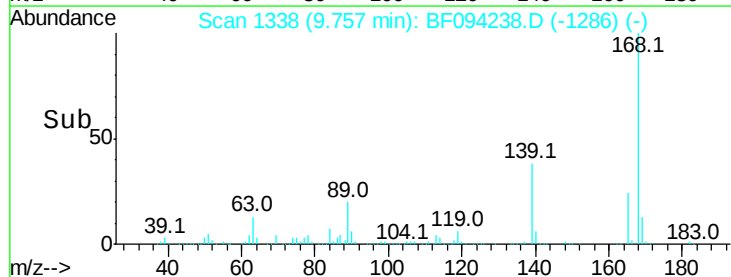


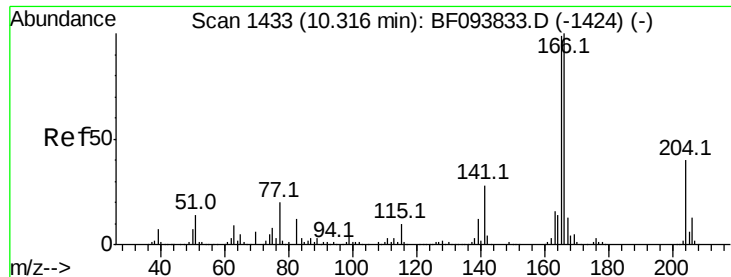
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



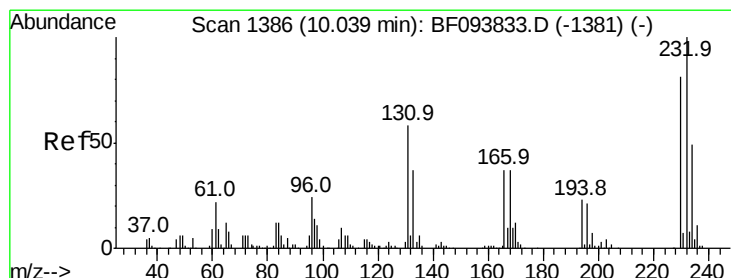
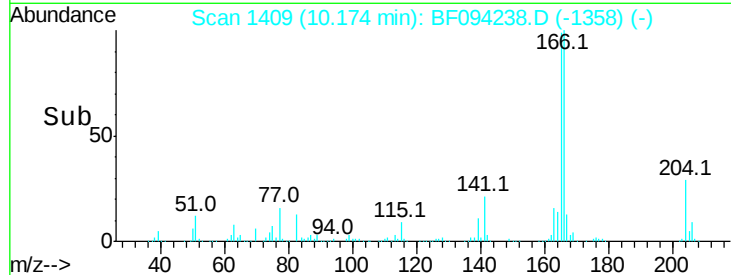
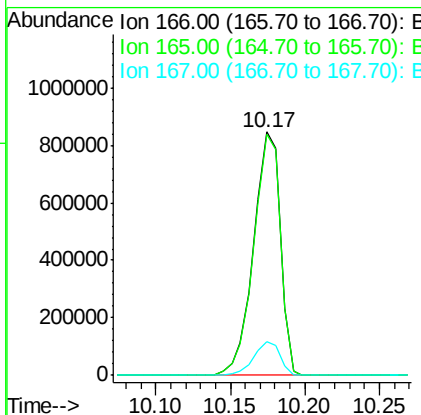
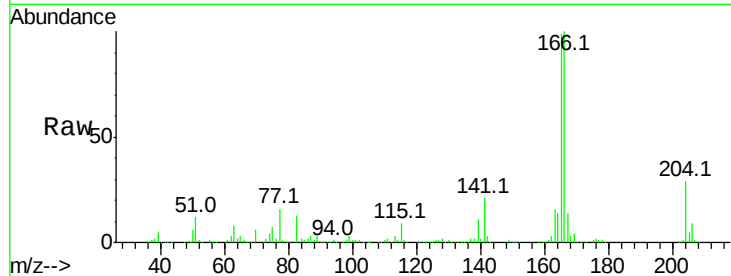


#57
Fluorene
 Concen: 46.14 ng
 RT: 10.17 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

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

Tot Ion:166 Resp: 1044039

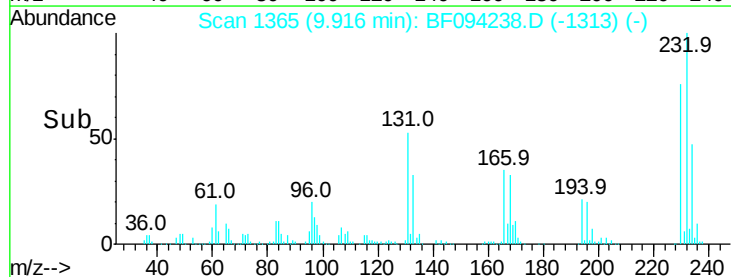
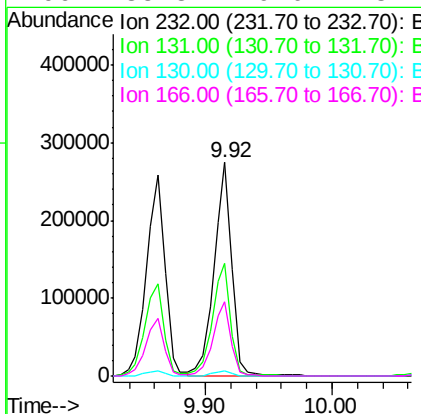
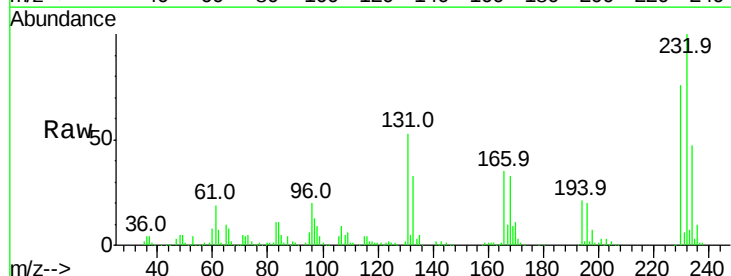
Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.8	118.2
167	13.6	10.6	16.0

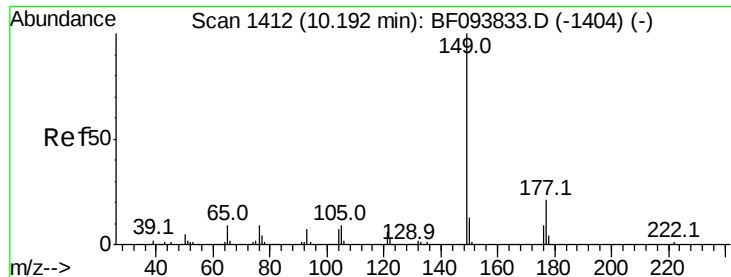


#58
2,3,4,6-Tetrachlorophenol
 Concen: 57.36 ng
 RT: 9.92 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

Tgt Ion:232 Resp: 269810

Ion	Ratio	Lower	Upper
232	100		
131	54.3	44.8	67.2
130	2.6	2.3	3.5
166	35.8	29.0	43.4

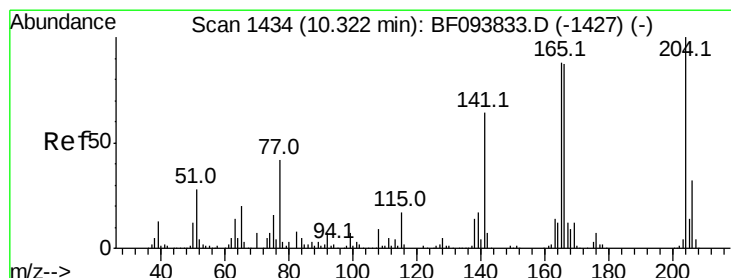
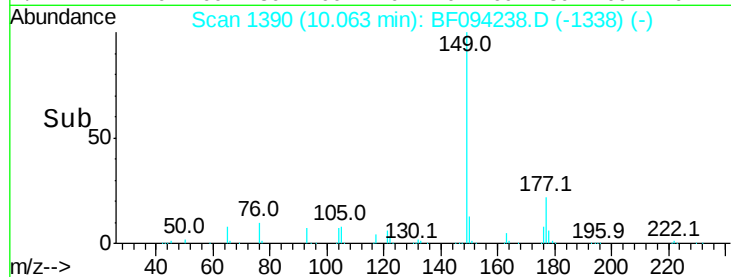
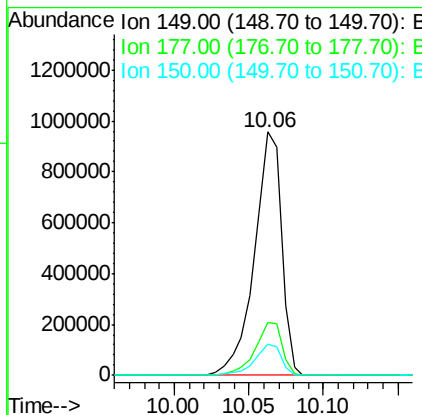
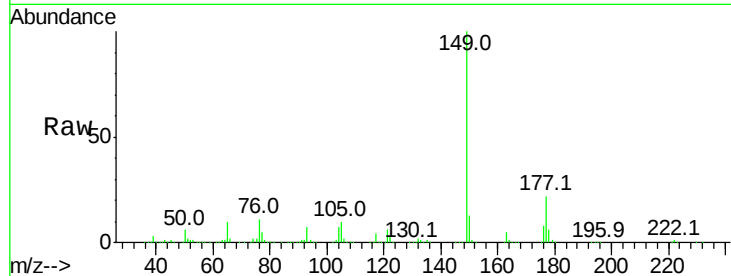




#59
Diethylphthalate
Concen: 52.17 ng
RT: 10.06 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

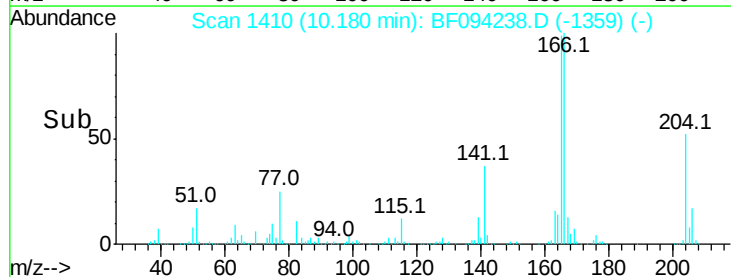
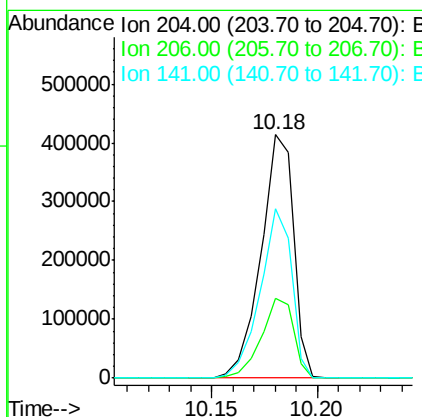
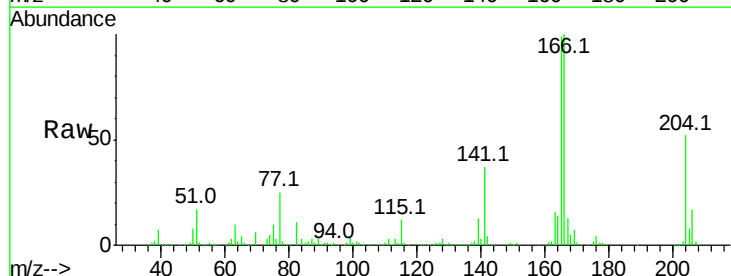
Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MSD

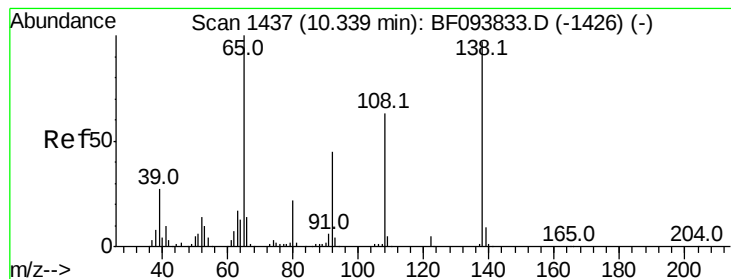
Tot Ion:149 Resp: 1199834
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 46.15 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

Tgt Ion:204 Resp: 444894
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 69.7 60.8 91.2





#61

4-Nitroaniline

Concen: 50.72 ng

RT: 10.22 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

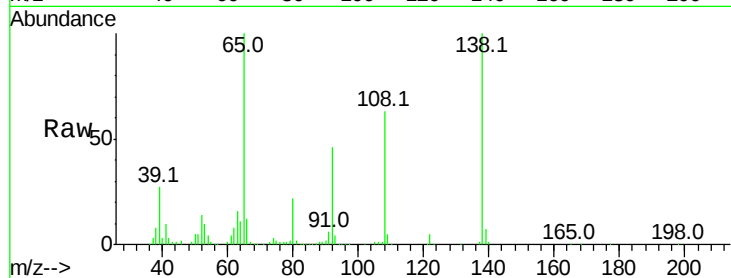
Tot Ion:138 Resp: 304875

Ion Ratio Lower Upper

138 100

92 46.1 21.8 61.8

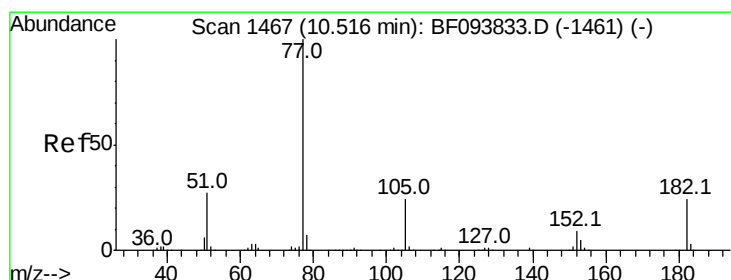
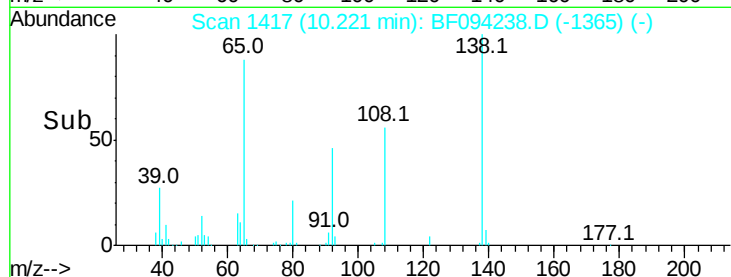
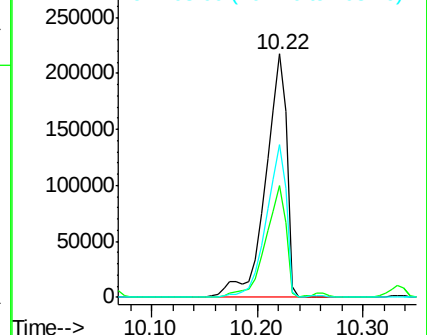
108 62.7 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 53.68 ng

RT: 10.38 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Tgt Ion: 77 Resp: 1167845

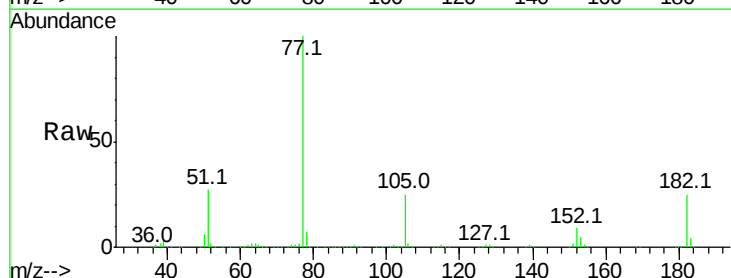
Ion Ratio Lower Upper

77 100

182 25.3 0.1 40.1

105 24.5 3.6 43.6

51 27.3 9.4 49.4

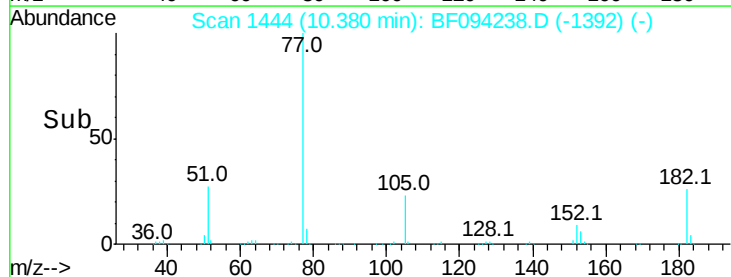
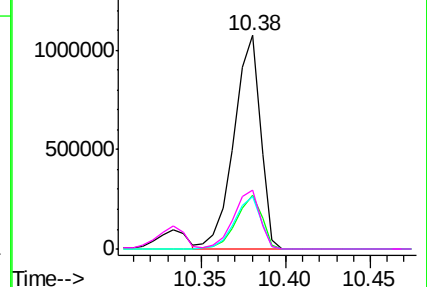


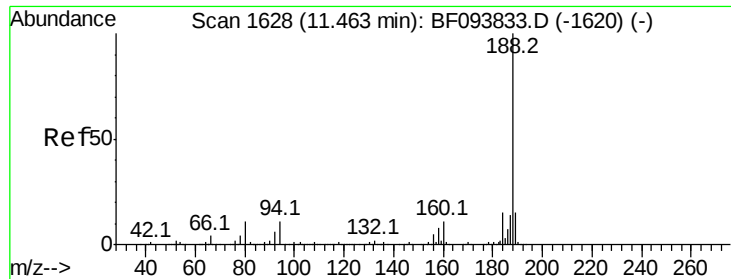
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

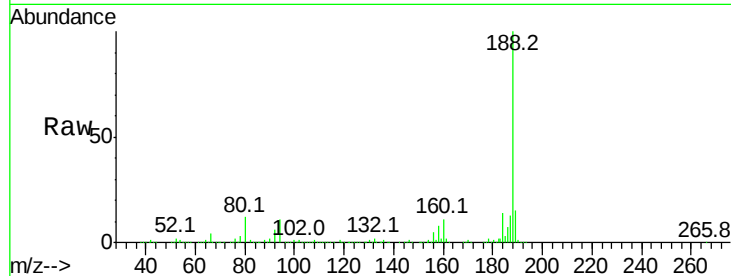
Tot Ion:188 Resp: 577227

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

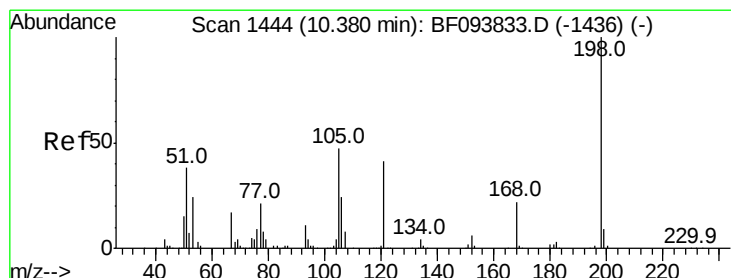
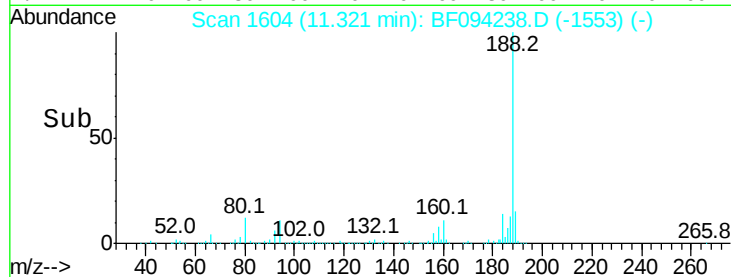
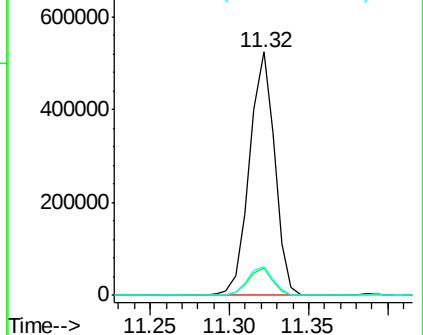
80 11.7 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 50.23 ng

RT: 10.26 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

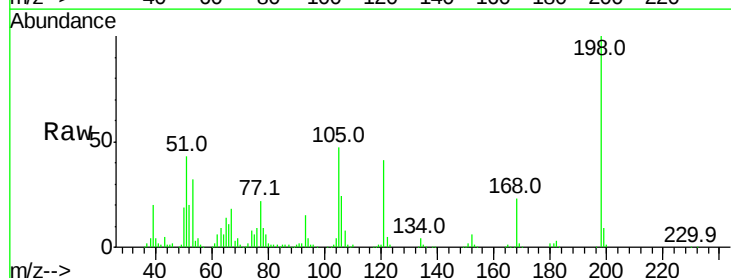
Tgt Ion:198 Resp: 177570

Ion Ratio Lower Upper

198 100

51 43.4 53.2 93.2#

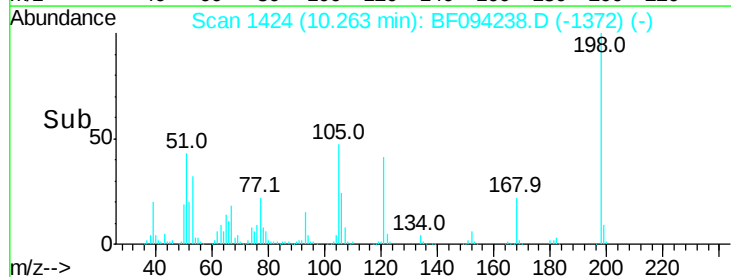
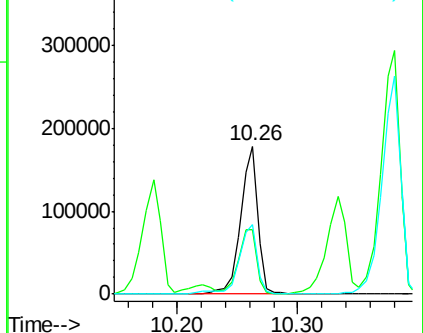
105 47.0 45.8 85.8

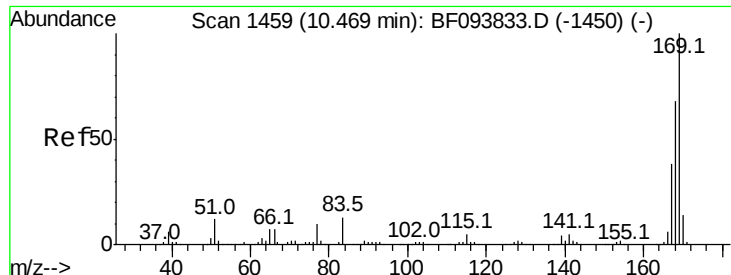


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

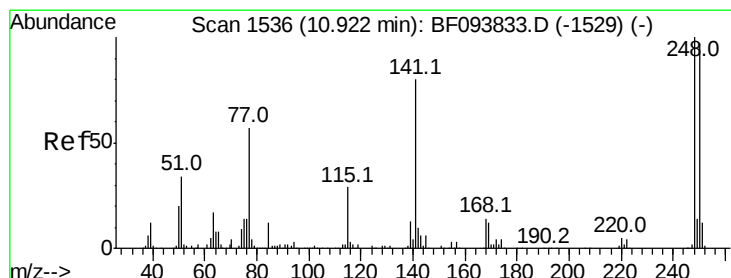
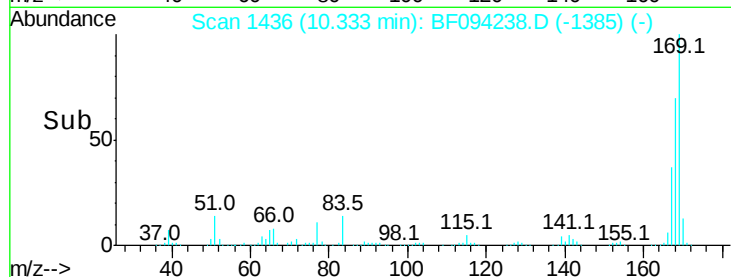
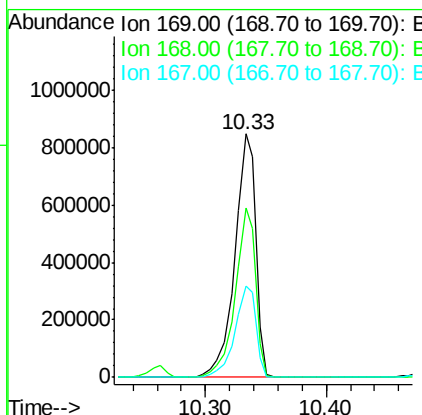
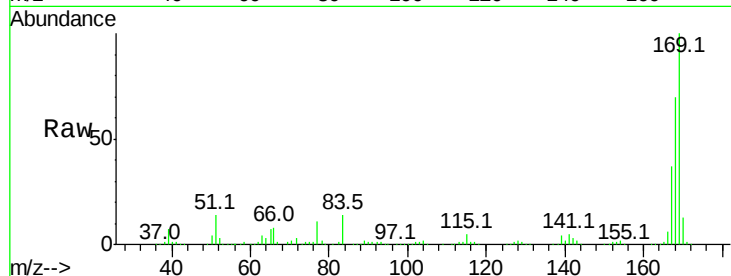




#65
 n-Nitrosodiphenylamine
 Concen: 51.14 ng
 RT: 10.33 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

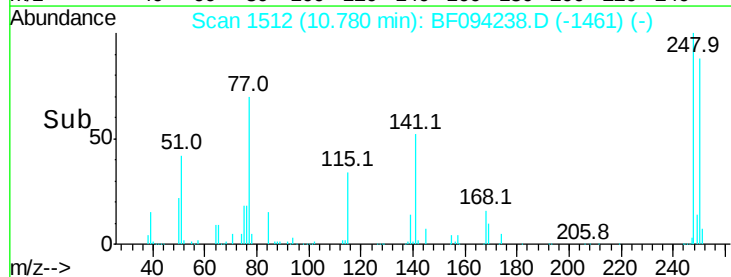
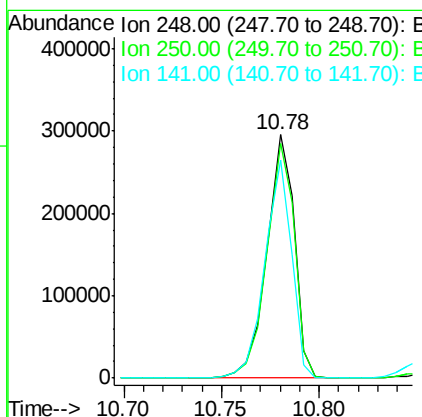
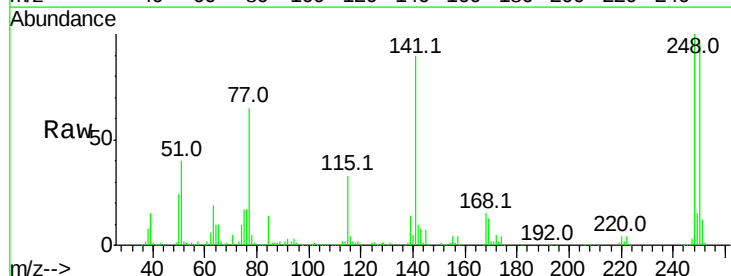
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MSD

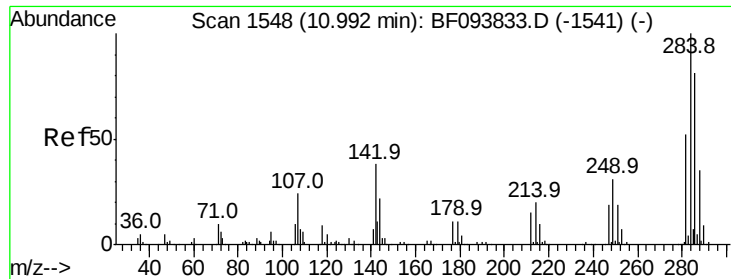
Tot Ion:169 Resp: 1020881
 Ion Ratio Lower Upper
 169 100
 168 69.7 53.2 79.8
 167 37.3 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 51.06 ng
 RT: 10.78 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

Tgt Ion:248 Resp: 289857
 Ion Ratio Lower Upper
 248 100
 250 96.2 76.8 115.2
 141 89.6 68.6 103.0





#67

Hexachlorobenzene

Concen: 51.13 ng

RT: 10.85 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

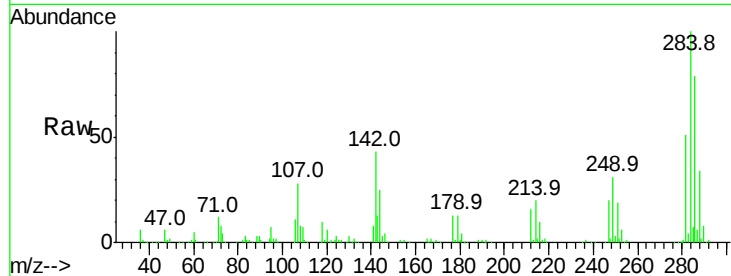
Tot Ion:284 Resp: 293825

Ion Ratio Lower Upper

284 100

142 42.8 22.8 34.2#

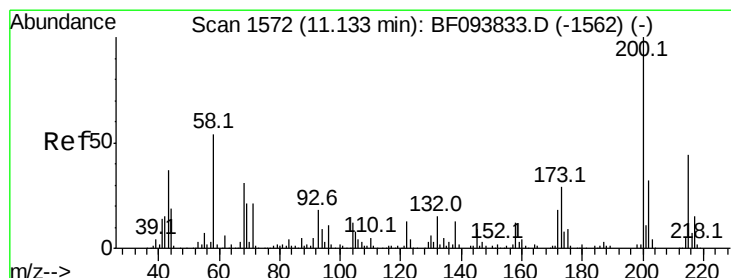
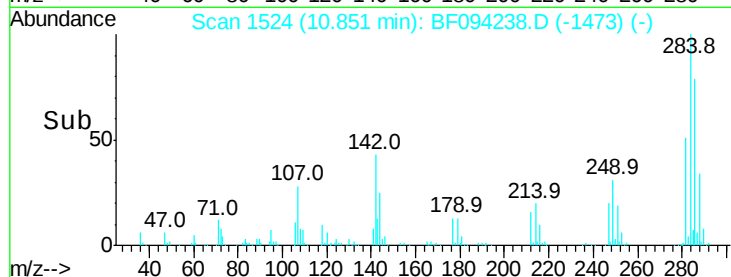
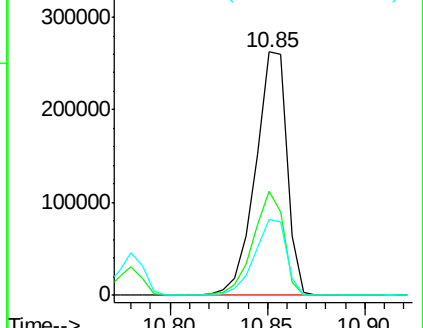
249 31.1 24.0 36.0



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: 51.05 ng

RT: 11.01 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

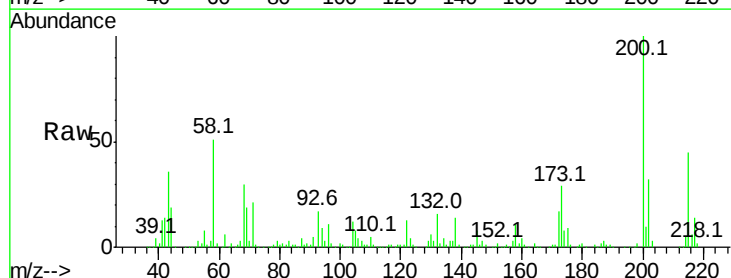
Tgt Ion:200 Resp: 305225

Ion Ratio Lower Upper

200 100

173 28.6 6.3 46.3

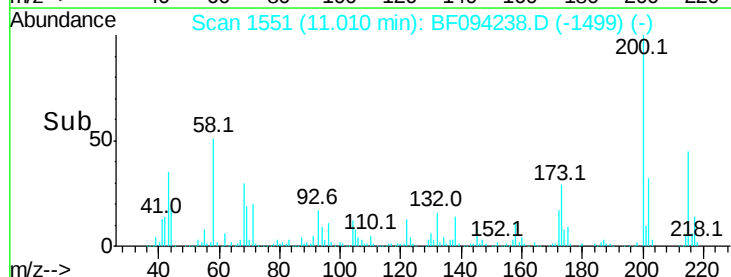
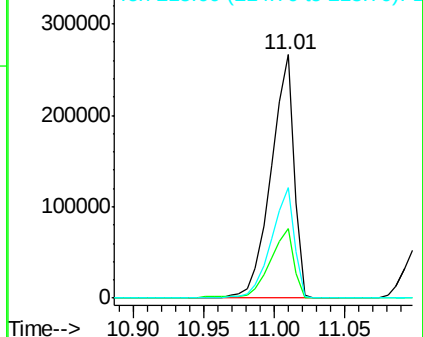
215 45.2 27.2 67.2

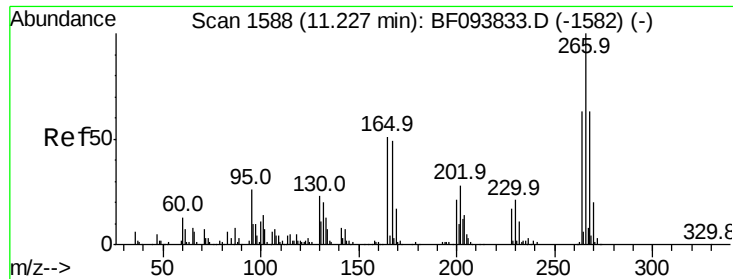


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

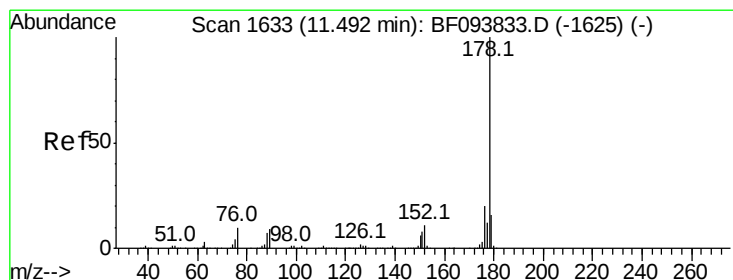
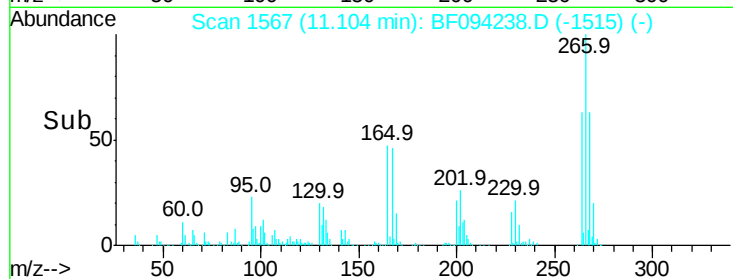
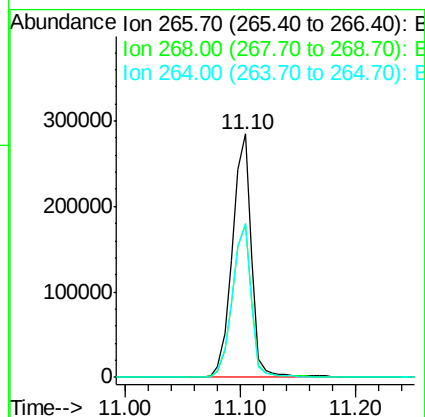
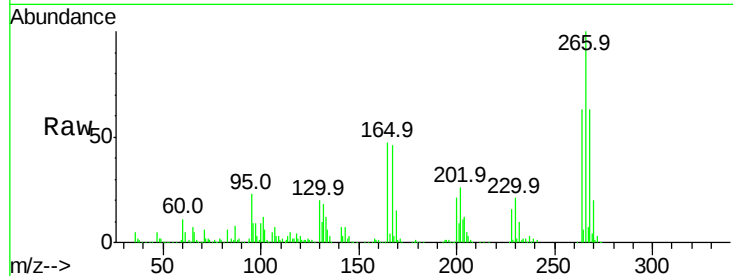




#69
 Pentachlorophenol
 Concen: 90.65 ng
 RT: 11.10 min Scan# 1567
 Delta R.T. 0.01 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

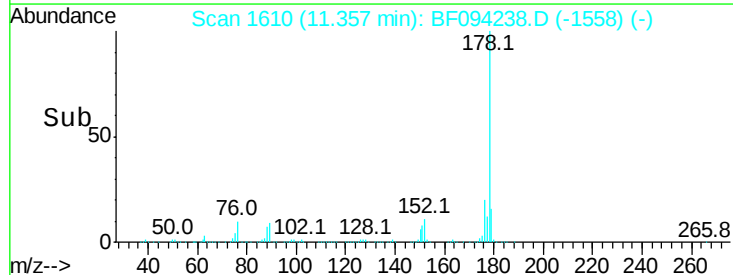
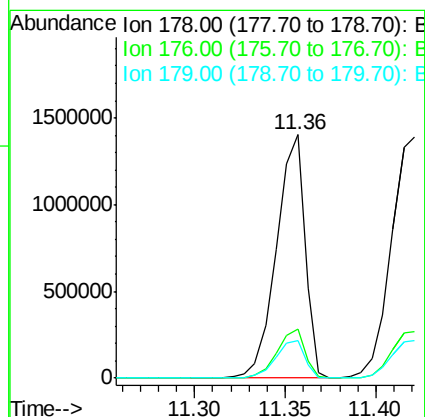
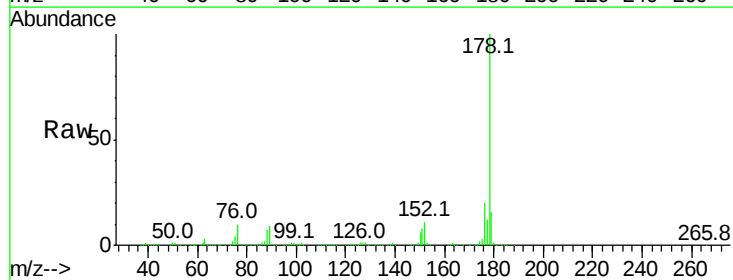
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MSD

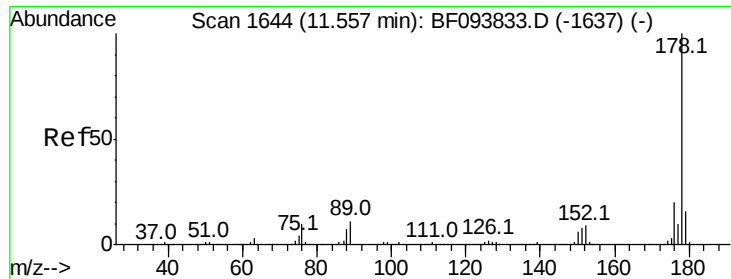
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	63.4	51.7	77.5



#70
 Phenanthrene
 Concen: 47.94 ng
 RT: 11.36 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	15.7	12.6	19.0

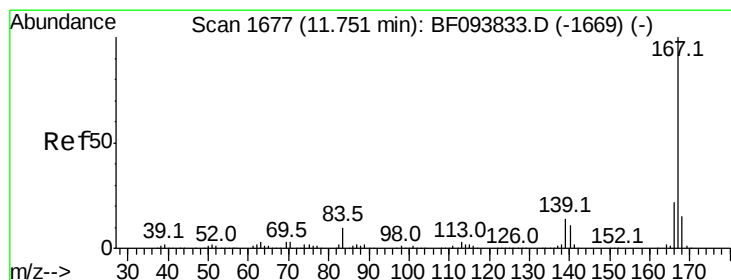
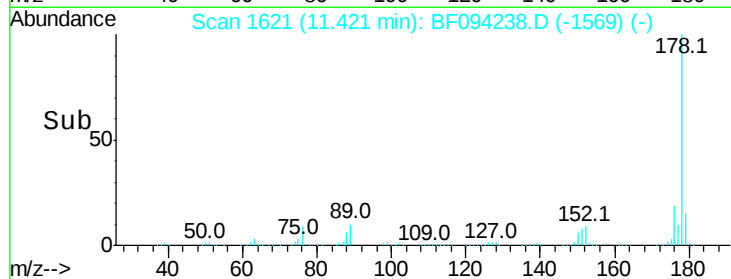
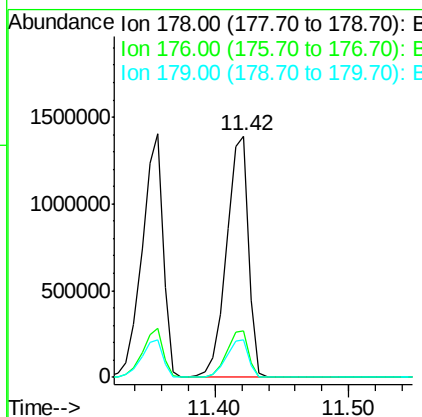
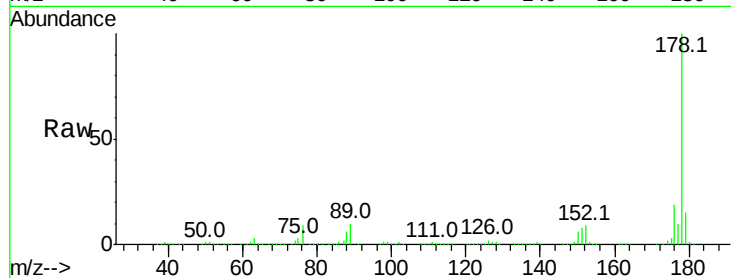




#71
 Anthracene
 Concen: 48.76 ng
 RT: 11.42 min Scan# 1621
 Delta R.T. 0.01 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

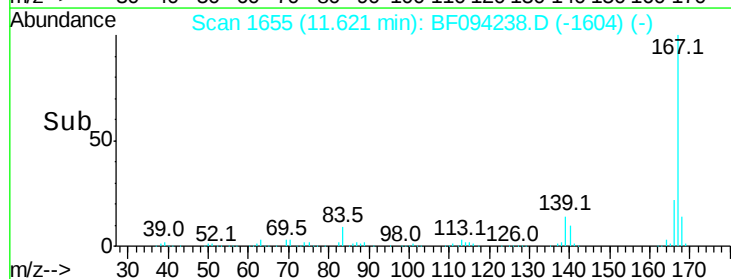
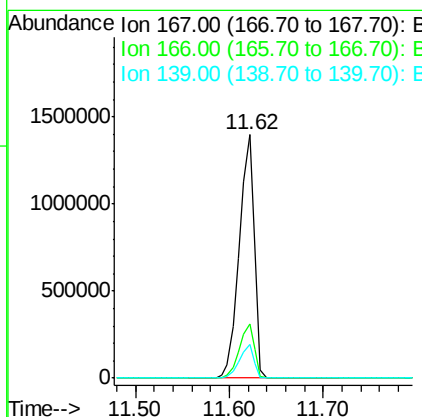
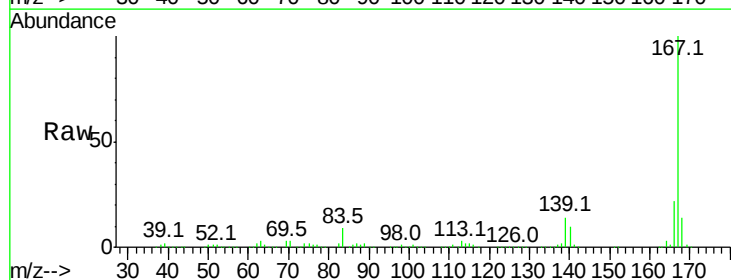
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MSD

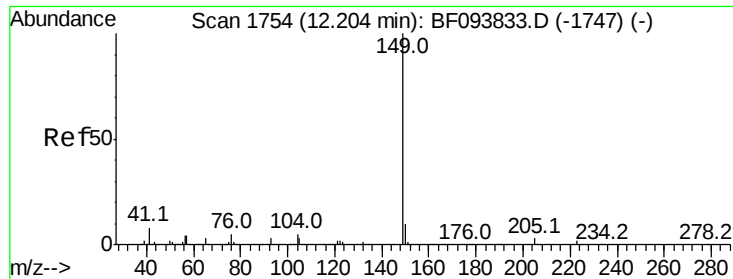
Tot Ion:178 Resp: 1612140
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 45.89 ng
 RT: 11.62 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

Tgt Ion:167 Resp: 1555628
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.9 11.7 17.5

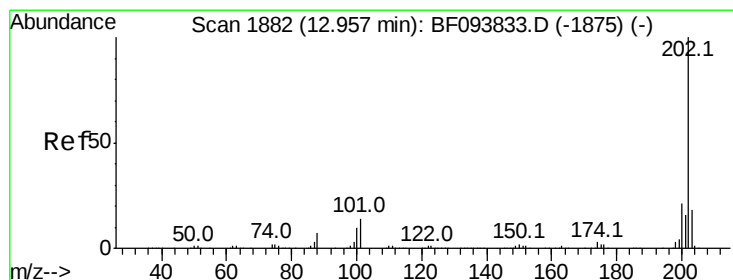
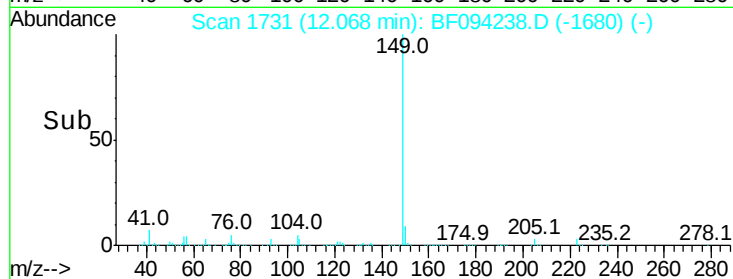
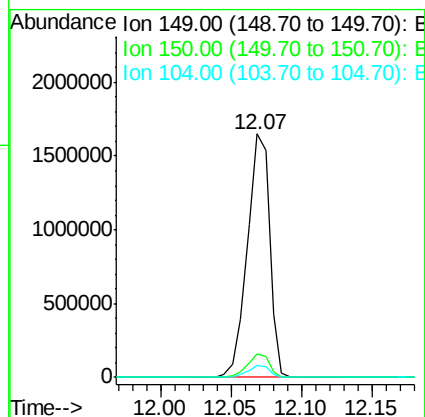
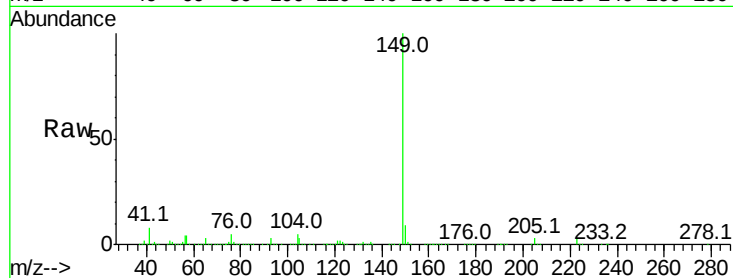




#73
Di-n-butylphthalate
Concen: 52.01 ng
RT: 12.07 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

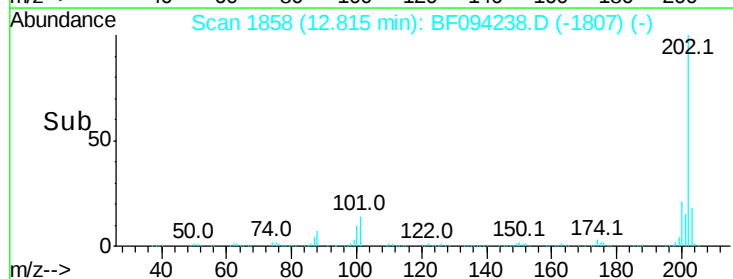
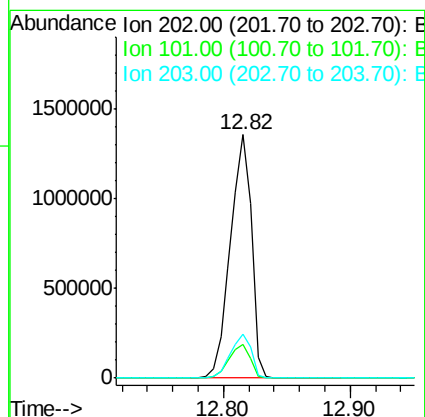
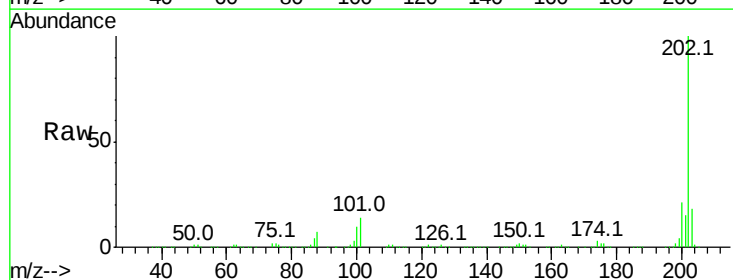
Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MSD

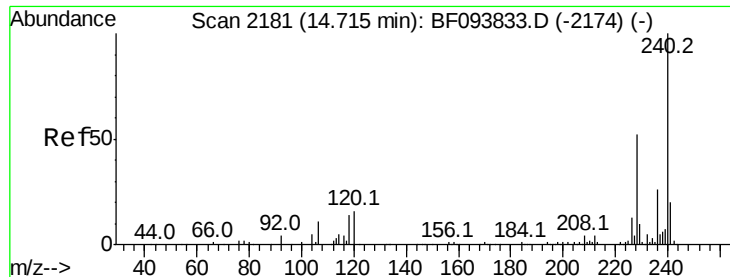
Tot Ion:149 Resp: 1833807
Ion Ratio Lower Upper
149 100
150 9.5 7.7 11.5
104 4.9 4.0 6.0



#74
Fluoranthene
Concen: 47.22 ng
RT: 12.82 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

Tgt Ion:202 Resp: 1552627
Ion Ratio Lower Upper
202 100
101 13.8 0.0 33.2
203 17.9 0.0 38.1

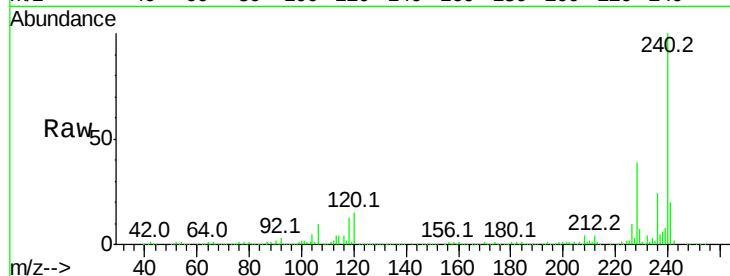




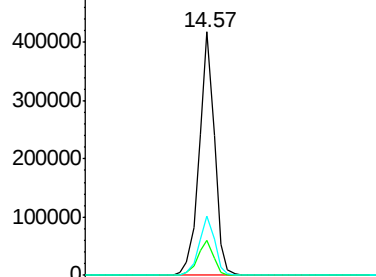
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.00 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

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

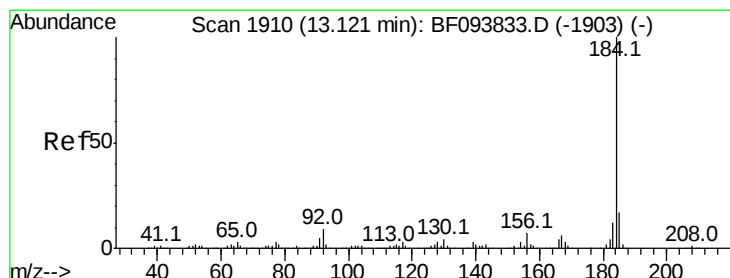
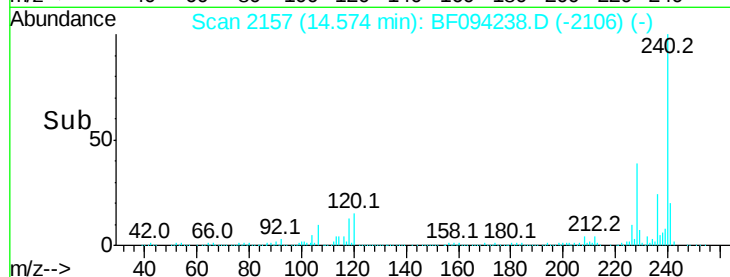
Tot Ion:240 Resp: 382028
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 24.4 20.5 30.7



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

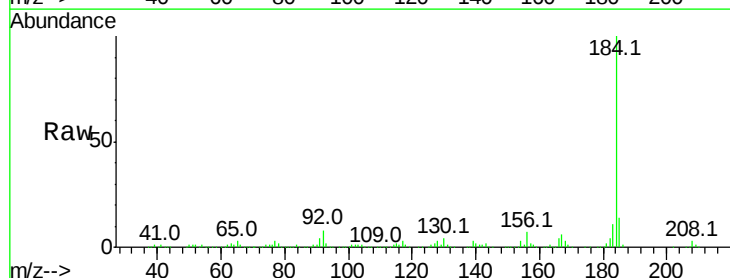


Time-->

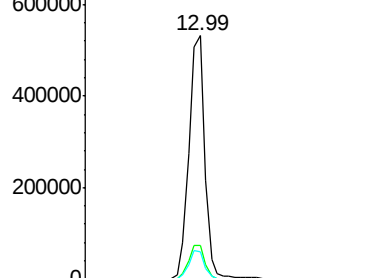


#76
Benzidine
Concen: 40.09 ng
RT: 12.99 min Scan# 1887
Delta R.T. 0.01 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

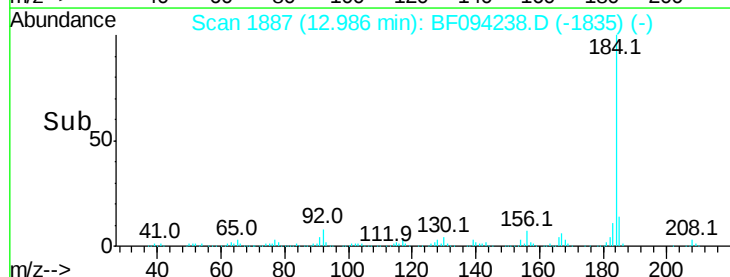
Tgt Ion:184 Resp: 606205
Ion Ratio Lower Upper
184 100
185 13.8 15.5 23.3#
183 11.4 9.8 14.6

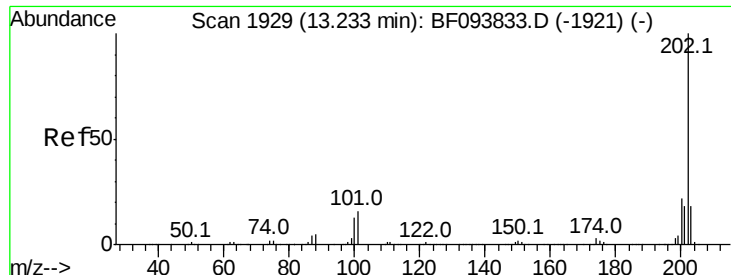


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->

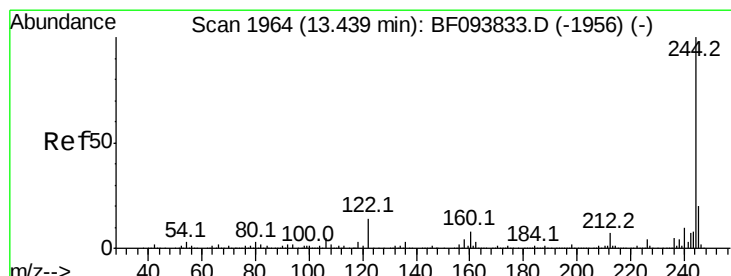
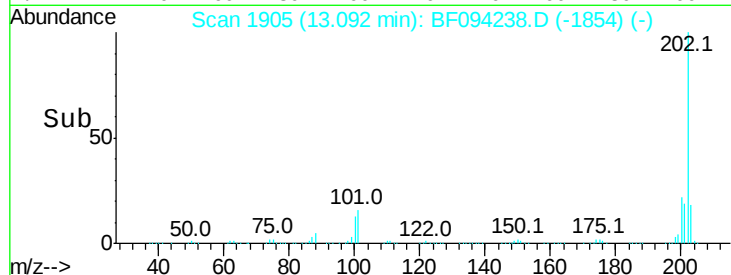
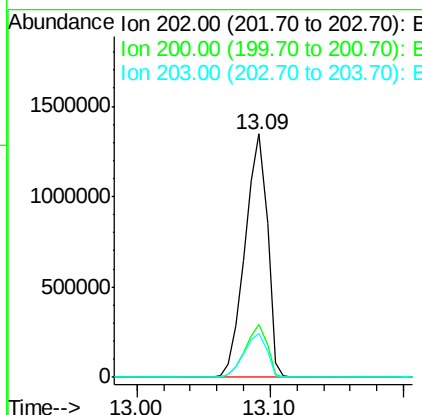
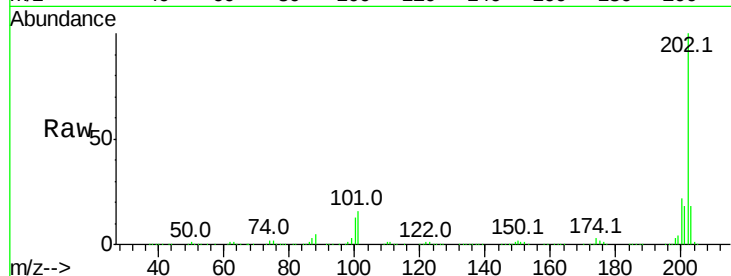




#77
 Pvrene
 Concen: 55.89 ng
 RT: 13.09 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

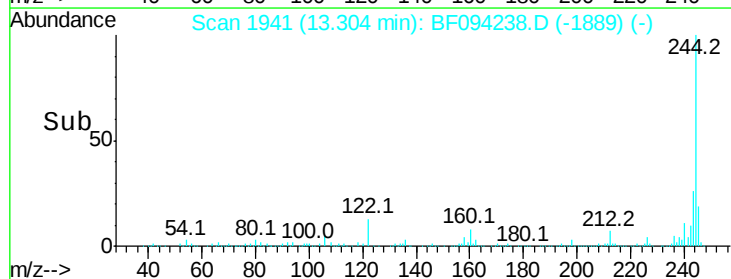
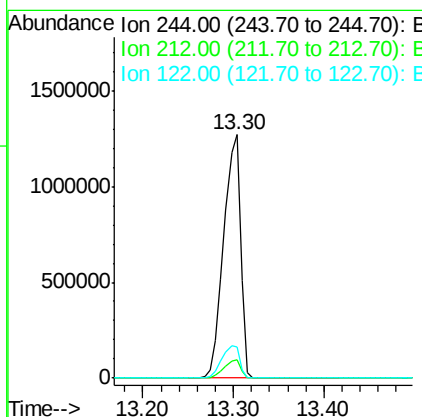
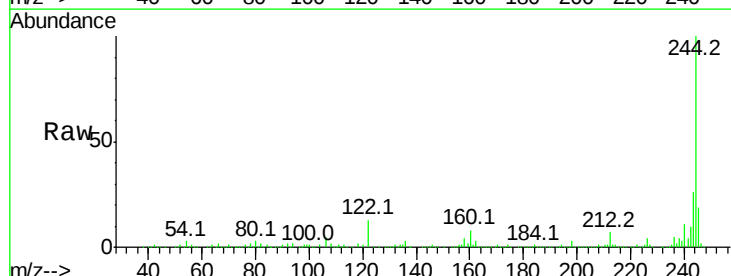
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MSD

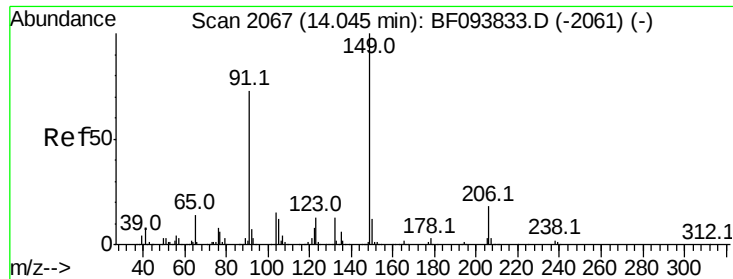
Tot Ion:202 Resp: 1549537
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.6 26.4
 203 17.9 14.4 21.6



#78
 Terphenyl-d14
 Concen: 96.21 ng
 RT: 13.30 min Scan# 1941
 Delta R.T. 0.01 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

Tgt Ion:244 Resp: 1639759
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.0 10.3 15.5

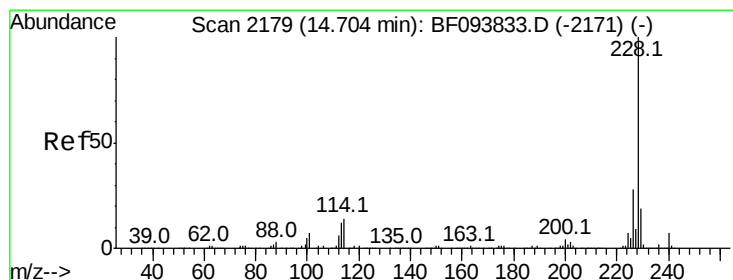
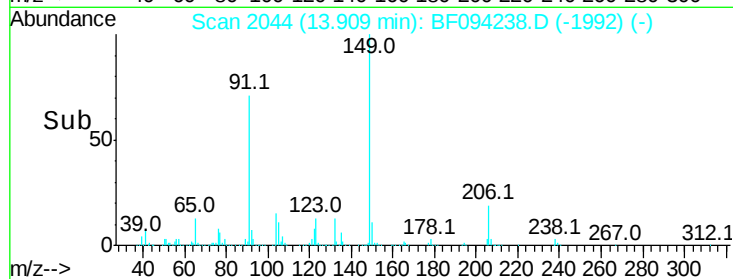
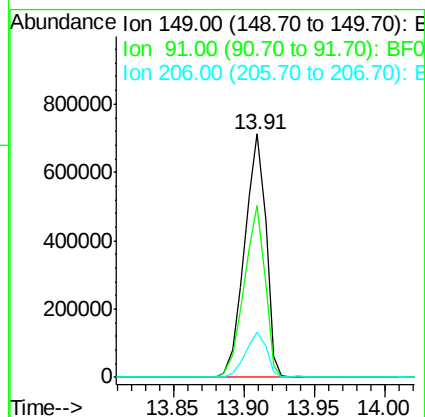
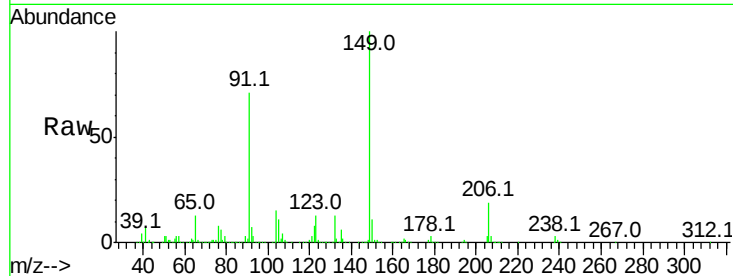




#79
Butylbenzylphthalate
Concen: 63.74 ng
RT: 13.91 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

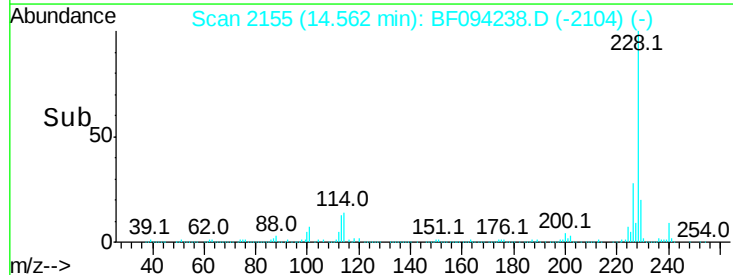
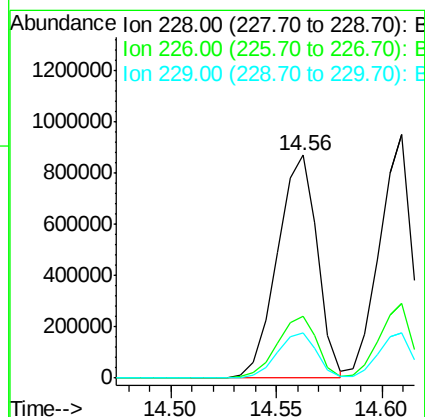
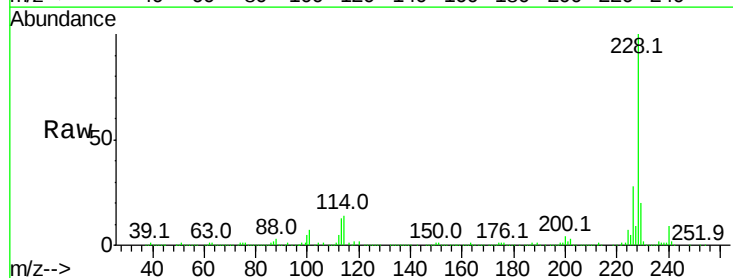
Instrument :
BNA_F
ClientSampleId :
GP-B-02(10-15)MSD

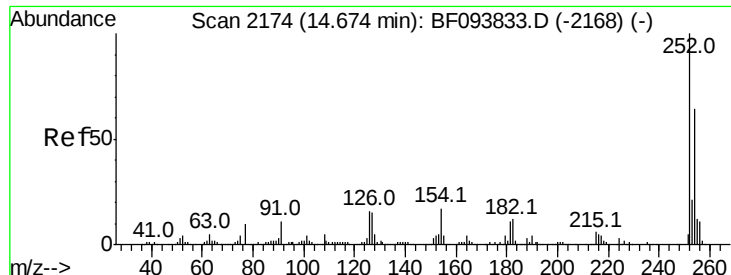
Tot Ion:149 Resp: 752937
Ion Ratio Lower Upper
149 100
91 70.8 45.0 67.4#
206 18.7 17.0 25.6



#80
Benzo(a)anthracene
Concen: 51.12 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BF094238.D
Acq: 6 Apr 2017 19:50

Tgt Ion:228 Resp: 1138740
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.1 16.3 24.5

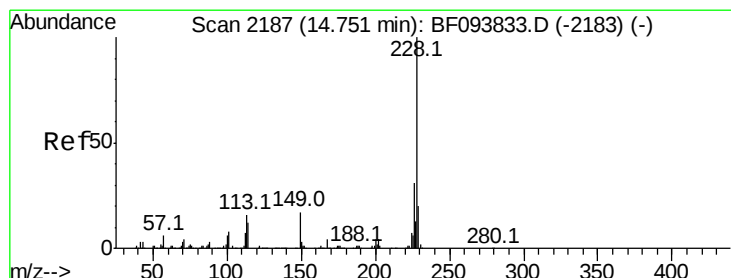
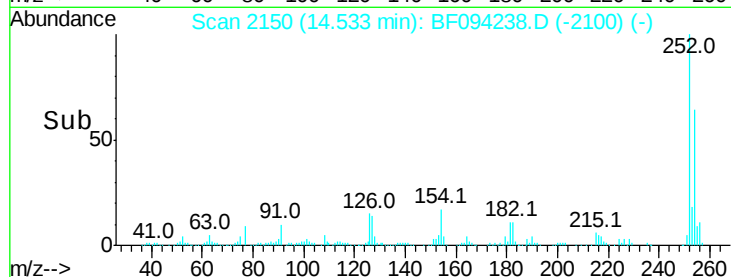
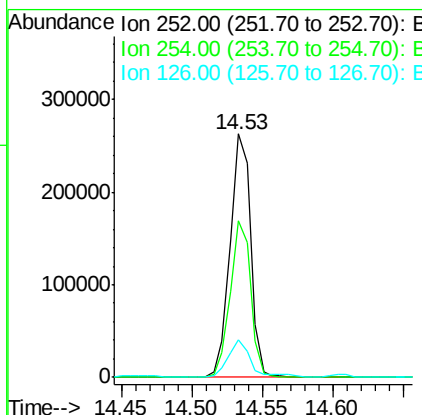
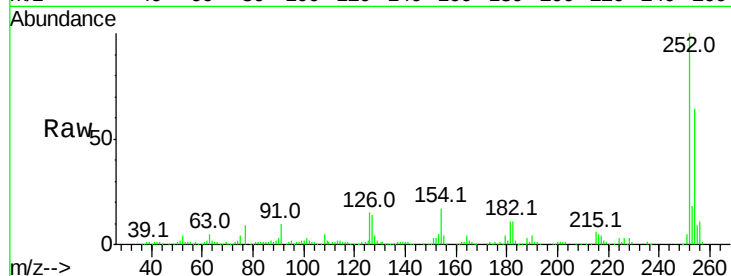




#81
 3,3'-Dichlorobenzidine
 Concen: 33.65 ng
 RT: 14.53 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

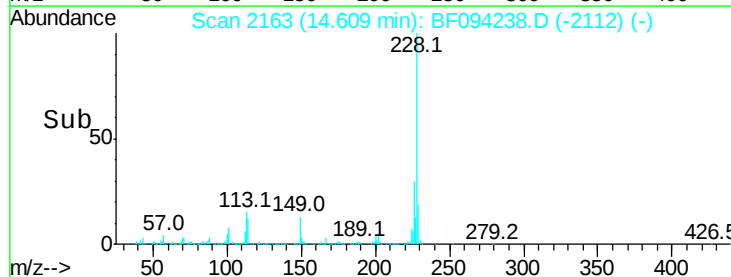
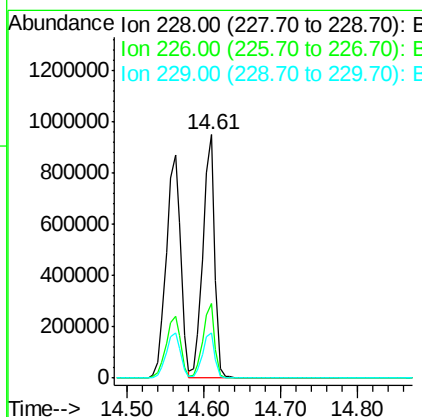
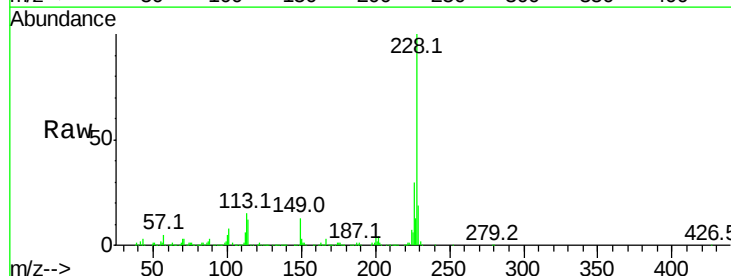
Instrument :
 BNA_F
 ClientSampleId :
 GP-B-02(10-15)MSD

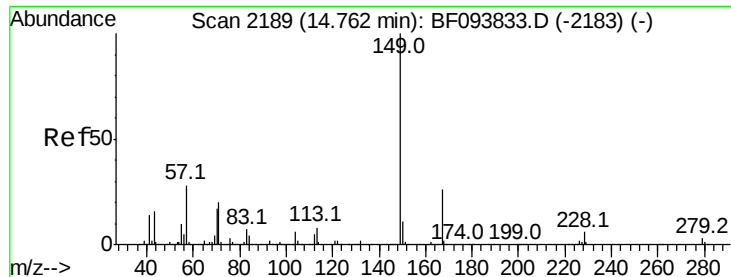
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.5	77.3
126	15.4	15.8	23.8



#82
 Chrysene
 Concen: 48.87 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.00 min
 Lab File: BF094238.D
 Acq: 6 Apr 2017 19:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	18.8	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 63.23 ng

RT: 14.63 min Scan# 2166

Delta R.T. 0.01 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

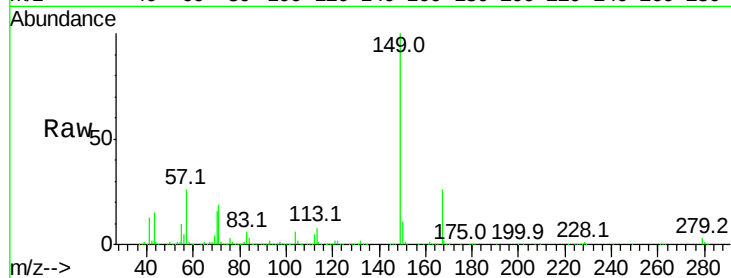
Tot Ion:149 Resp: 1019066

Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

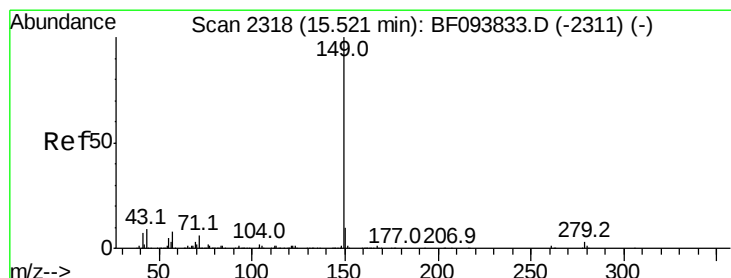
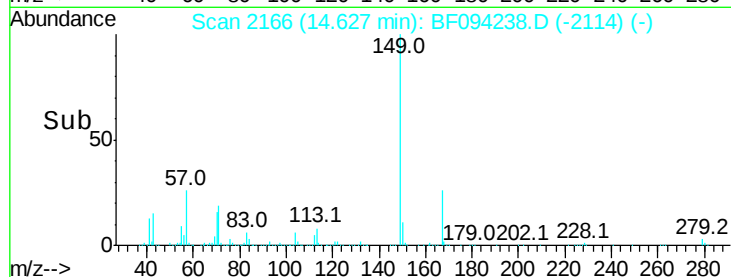
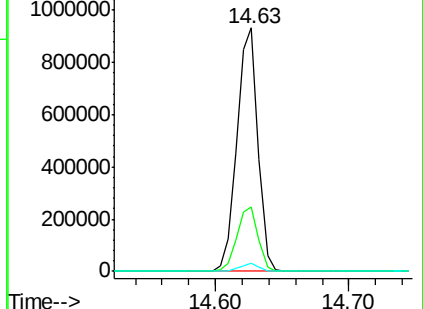
279 3.2 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 58.24 ng

RT: 15.38 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

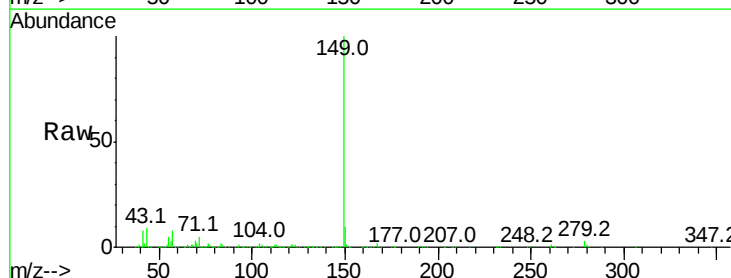
Tgt Ion:149 Resp: 1568056

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

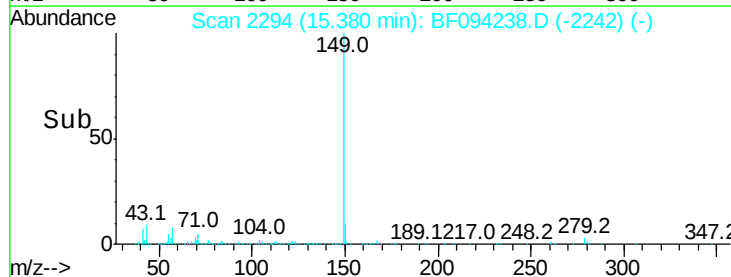
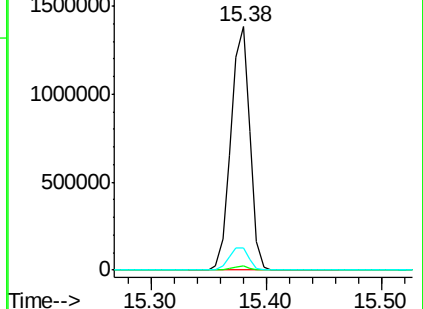
43 9.7 8.5 12.7

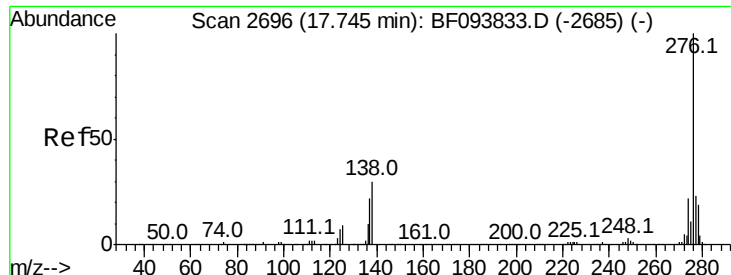


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 52.40 ng

RT: 17.53 min Scan# 2659

Delta R.T. 0.01 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

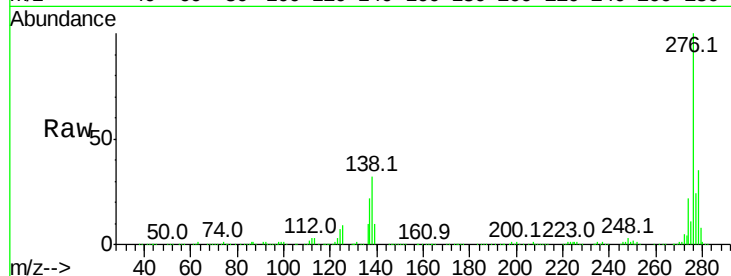
Tot Ion:276 Resp: 938219

Ion Ratio Lower Upper

276 100

138 35.0 27.8 41.6

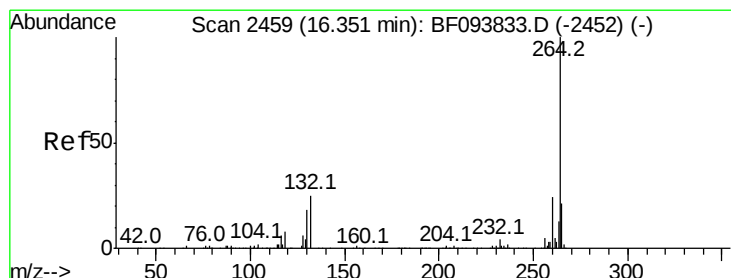
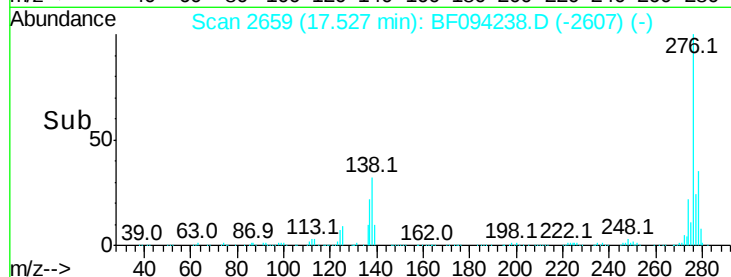
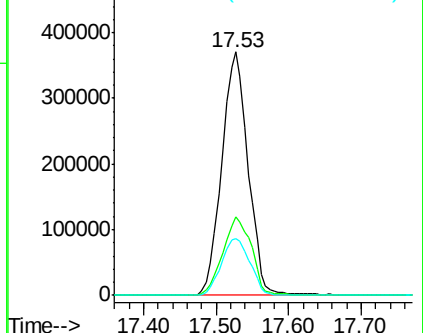
277 25.4 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.20 min Scan# 2433

Delta R.T. 0.01 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

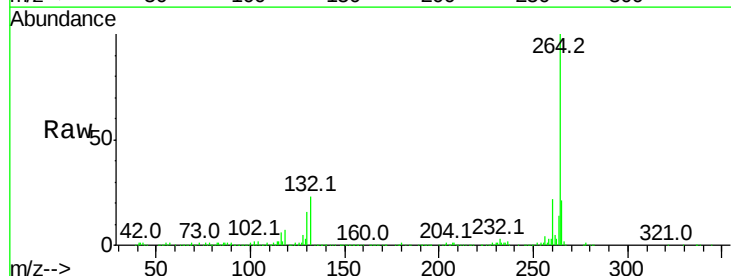
Tgt Ion:264 Resp: 290190

Ion Ratio Lower Upper

264 100

260 22.4 19.5 29.3

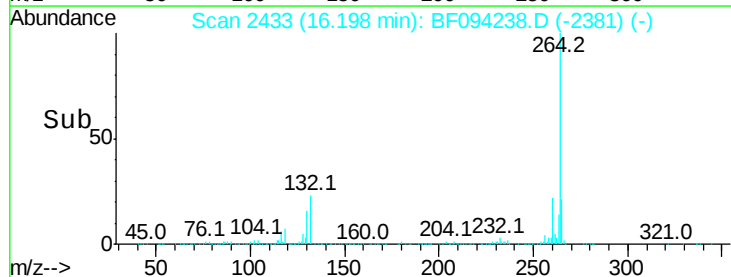
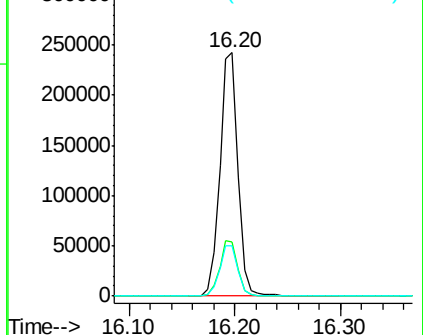
265 20.5 17.2 25.8

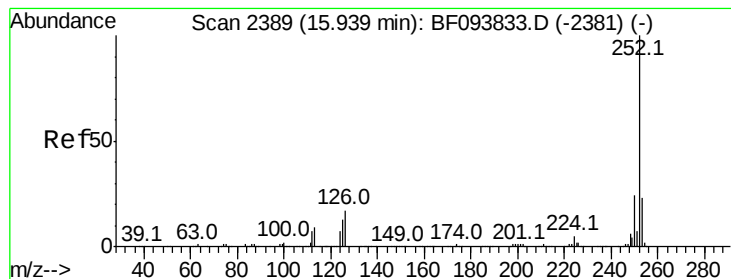


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 51.15 ng

RT: 15.80 min Scan# 2365

Delta R.T. 0.01 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

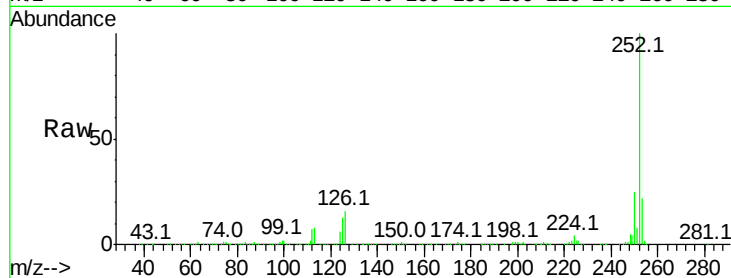
Tot Ion:252 Resp: 909870

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

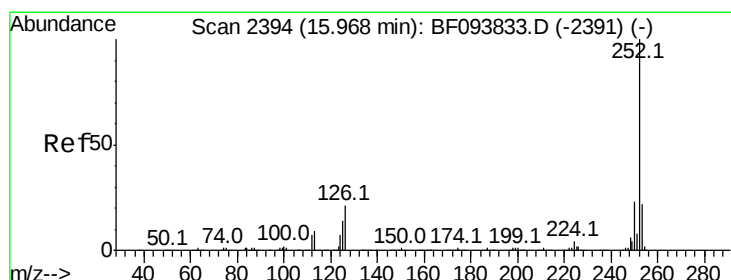
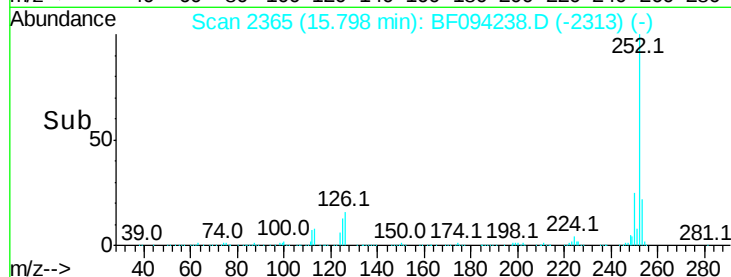
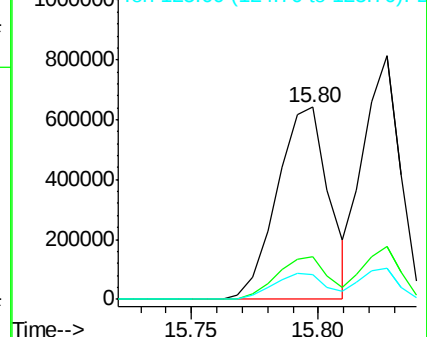
125 13.0 9.8 14.8



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: 48.19 ng

RT: 15.83 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

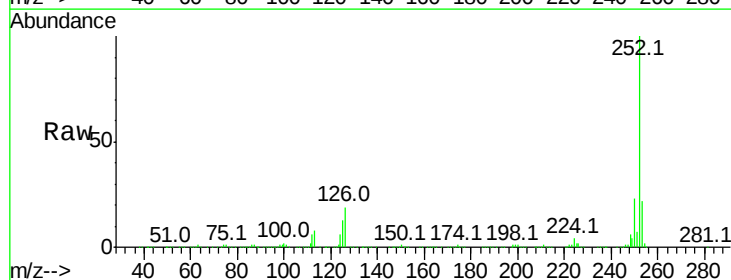
Tgt Ion:252 Resp: 838729

Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

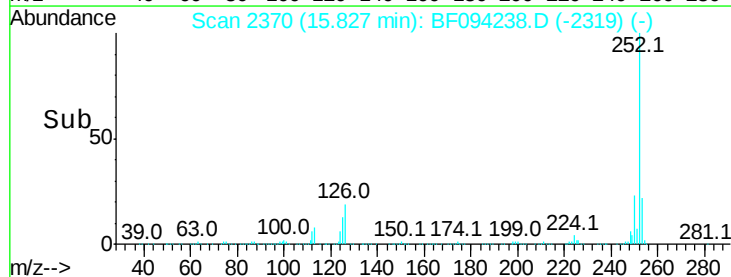
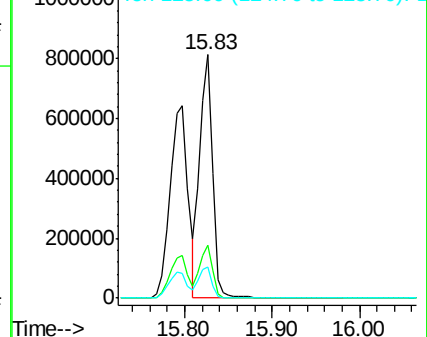
125 12.6 13.1 19.7#

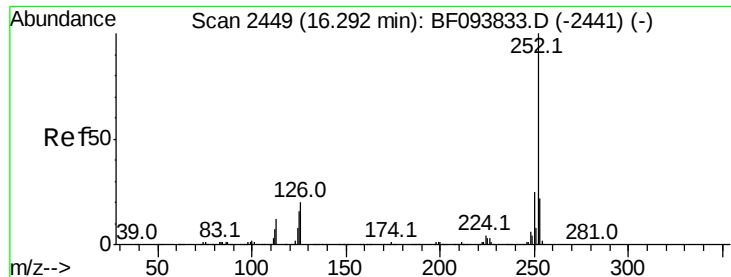


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.65 ng

RT: 16.14 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

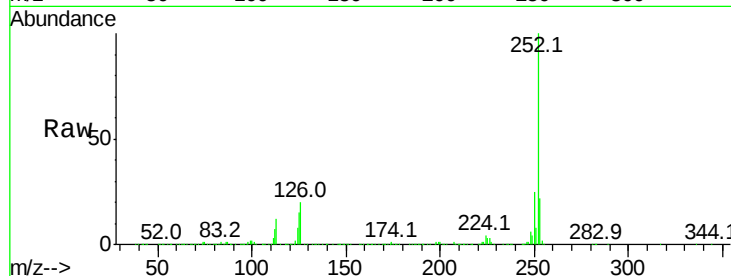
Tot Ion:252 Resp: 829600

Ion Ratio Lower Upper

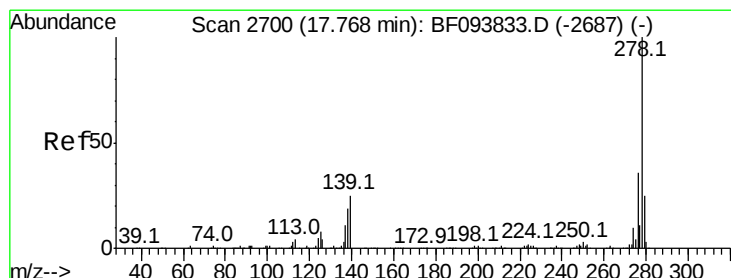
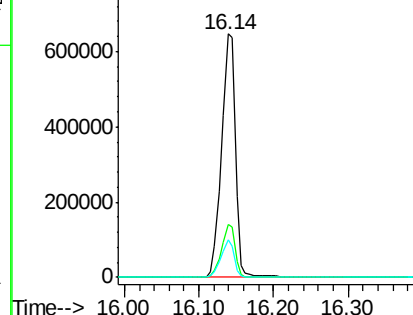
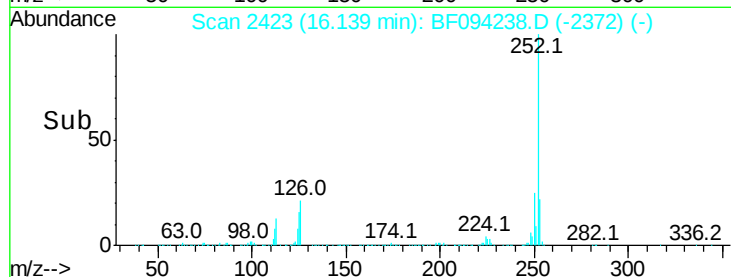
252 100

253 21.7 17.5 26.3

125 15.4 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 55.86 ng

RT: 17.55 min Scan# 2663

Delta R.T. 0.01 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

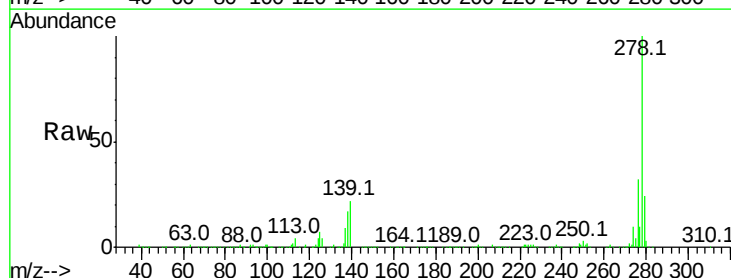
Tgt Ion:278 Resp: 774926

Ion Ratio Lower Upper

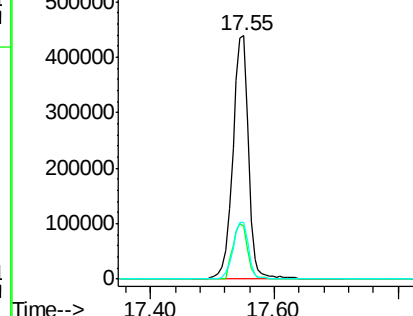
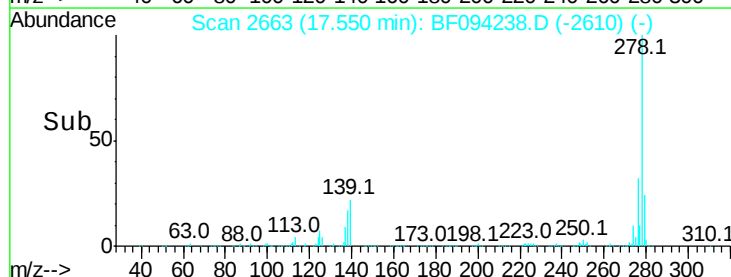
278 100

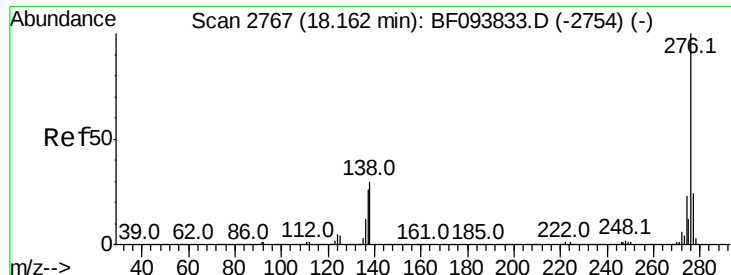
139 21.7 16.6 24.8

279 23.6 19.3 28.9



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





#91

Benzo(a,h,i)perylene

Concen: 57.50 ng

RT: 17.92 min Scan# 2726

Delta R.T. 0.01 min

Lab File: BF094238.D

Acq: 6 Apr 2017 19:50

Instrument :

BNA_F

ClientSampleId :

GP-B-02(10-15)MSD

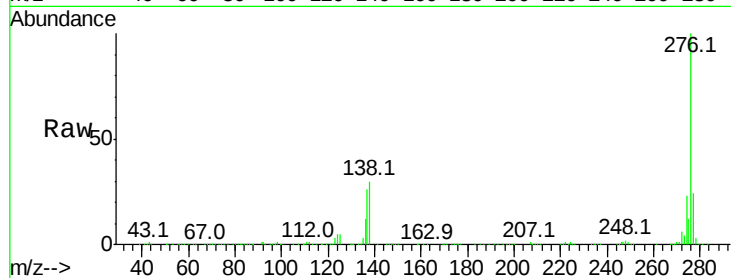
Tot Ion:276 Resp: 803899

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 29.6 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

