

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094079.D
 Acq On : 31 Mar 2017 1:01
 Operator : SJ/MA
 Sample : I2416-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2(10-10.5)MS

Quant Time: Mar 31 03:10:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.91	152	202916	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	811569	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	366033	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	615235	20.00	ng	-0.04
75) Chrysene-d12	14.64	240	413687	20.00	ng	-0.04
86) Perylene-d12	16.26	264	331161	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	4.46	112	1613508	134.30	ng	-0.01
7) Phenol-d6	5.53	99	2101130	141.37	ng	-0.02
23) Nitrobenzene-d5	6.57	82	1331079	93.60	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	418703	144.76	ng	-0.03
44) 2-Fluorobiphenyl	8.75	172	2162174	90.10	ng	-0.04
78) Terphenyl-d14	13.36	244	1707083	92.50	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	230126	39.87	ng	97
3) Pyridine	2.80	79	410393	26.09	ng	97
4) n-Nitrosodimethylamine	2.77	42	311042	48.06	ng	92
6) Aniline	5.55	93	401116	19.40	ng	# 1
8) 2-Chlorophenol	5.69	128	668107	50.59	ng	94
9) Benzaldehyde	5.40	77	164906	16.43	ng	100
10) Phenol	5.55	94	783280	46.31	ng	98
11) bis(2-Chloroethyl)ether	5.63	93	646528	48.92	ng	96
12) 1,3-Dichlorobenzene	5.85	146	708933	47.86	ng	99
13) 1,4-Dichlorobenzene	5.93	146	720662	48.04	ng	97
14) 1,2-Dichlorobenzene	6.11	146	665236	48.15	ng	97
15) Benzyl Alcohol	6.09	79	540217	49.66	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.25	45	875642	42.99	ng	93
17) 2-Methylphenol	6.23	107	564917	49.95	ng	91
18) Hexachloroethane	6.50	117	252903	47.96	ng	88
19) n-Nitroso-di-n-propylamine	6.40	70	469896	49.19	ng	97
20) 3+4-Methylphenols	6.41	107	718262	52.44	ng	# 62
22) Acetophenone	6.39	105	967839	53.51	ng	# 87
24) Nitrobenzene	6.59	77	700356	49.93	ng	93
25) Isophorone	6.88	82	1276523	51.08	ng	# 94
26) 2-Nitrophenol	6.96	139	387040	57.87	ng	95
27) 2,4-Dimethylphenol	7.03	122	629171	54.59	ng	98
28) bis(2-Chloroethoxy)methane	7.14	93	823282	49.96	ng	100
29) 2,4-Dichlorophenol	7.26	162	587100	54.48	ng	99
30) 1,2,4-Trichlorobenzene	7.35	180	568948	51.26	ng	98
31) Naphthalene	7.45	128	1910878	48.97	ng	100
32) Benzoic acid	7.17	122	138087	18.00	ng	95
33) 4-Chloroaniline	7.51	127	205294	12.98	ng	# 93
34) Hexachlorobutadiene	7.60	225	284818	50.04	ng	97
35) Caprolactam	7.97	113	89141	25.94	ng	91
36) 4-Chloro-3-methylphenol	8.14	107	618855	54.96	ng	89
37) 2-Methylnaphthalene	8.29	142	1310098	50.36	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	482820	48.22	ng	99
40) Hexachlorocyclopentadiene	8.49	237	448335	95.68	ng	99

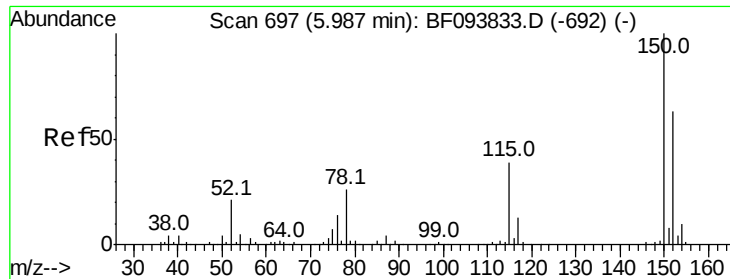
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	392167	55.36	nq	98
43) 2,4,5-Trichlorophenol	8.70	196	386978	50.48	nq	95
45) 1,1'-Biphenyl	8.86	154	1433112	48.54	nq	97
46) 2-Chloronaphthalene	8.89	162	1136800	49.19	nq	95
47) 2-Nitroaniline	9.02	65	346941	50.61	nq	# 81
48) Acenaphthylene	9.39	152	1762828	45.90	nq	100
49) Dimethylphthalate	9.26	163	1476887	56.76	nq	100
50) 2,6-Dinitrotoluene	9.32	165	311924	52.30	nq	92
51) Acenaphthene	9.60	154	1065449	47.54	nq	99
52) 3-Nitroaniline	9.52	138	169878	24.25	nq	94
53) 2,4-Dinitrophenol	9.66	184	252610	79.19	nq	# 69
54) Dibenzofuran	9.82	168	1496501	49.05	nq	99
55) 4-Nitrophenol	9.77	139	472070	86.07	nq	# 75
56) 2,4-Dinitrotoluene	9.82	165	364091	48.59	nq	# 69
57) Fluorene	10.24	166	1100452	43.49	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.97	232	280742	53.38	nq	98
59) Diethylphthalate	10.13	149	1284260	49.94	nq	98
60) 4-Chlorophenyl-phenylether	10.25	204	479681	44.50	nq	91
61) 4-Nitroaniline	10.29	138	297508	44.27	nq	97
62) Azobenzene	10.44	77	1226363	50.41	nq	97
64) 4,6-Dinitro-2-methylphenol	10.32	198	206325	54.76	nq	# 67
65) n-Nitrosodiphenylamine	10.40	169	1080652	50.79	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	312412	51.63	nq	98
67) Hexachlorobenzene	10.92	284	314362	51.32	nq	# 86
68) Atrazine	11.07	200	315030	49.43	nq	96
69) Pentachlorophenol	11.16	266	322150	84.50	nq	99
70) Phenanthrene	11.42	178	1621781	47.39	nq	98
71) Anthracene	11.48	178	1687278	47.88	nq	99
72) Carbazole	11.69	167	1603016	44.36	nq	99
73) Di-n-butylphthalate	12.13	149	1901261	50.59	nq	99
74) Fluoranthene	12.88	202	1605736	45.82	nq	99
76) Benzidine	13.04	184	320040	19.55	nq	# 93
77) Pyrene	13.16	202	1630603	54.31	nq	99
79) Butylbenzylphthalate	13.97	149	774902	60.58	nq	# 83
80) Benzo(a)anthracene	14.63	228	1210596	50.18	nq	99
81) 3,3'-Dichlorobenzidine	14.60	252	192680	22.35	nq	# 97
82) Chrysene	14.67	228	1062153	47.45	nq	98
83) Bis(2-ethylhexyl)phthalate	14.69	149	1049143	60.11	nq	# 99
84) Di-n-octyl phthalate	15.44	149	1628806	55.87	nq	98
85) Indeno(1,2,3-cd)pyrene	17.63	276	1030462	53.15	nq	100
87) Benzo(b)fluoranthene	15.86	252	1012860	49.90	nq	99
88) Benzo(k)fluoranthene	15.89	252	945148	47.59	nq	96
89) Benzo(a)pyrene	16.21	252	937787	50.17	nq	99
90) Dibenzo(a,h)anthracene	17.65	278	851394	53.78	nq	98
91) Benzo(g,h,i)perylene	18.03	276	873507	54.75	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.91 min Scan# 684

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :

BNA_F

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TP-2(10-10.5)MS

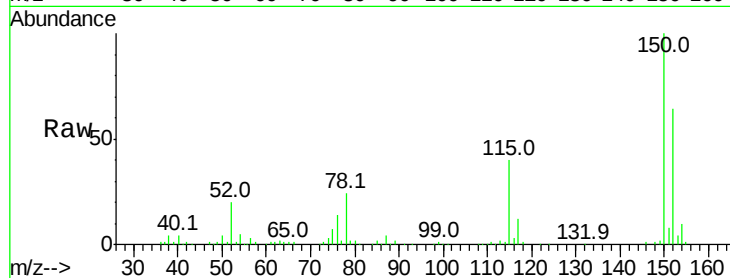
Tot Ion:152 Resp: 202916

Ion Ratio Lower Upper

152 100

150 155.6 126.2 189.2

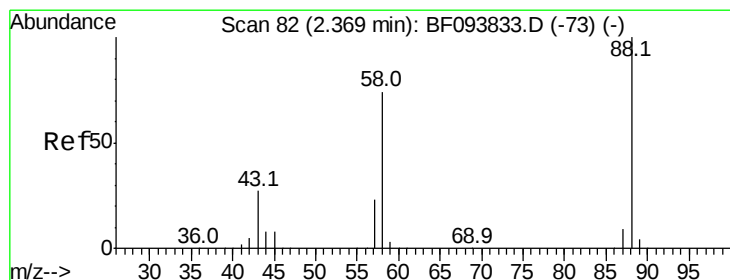
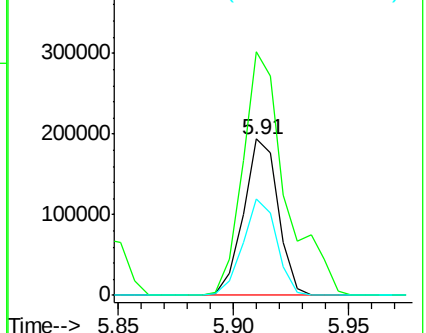
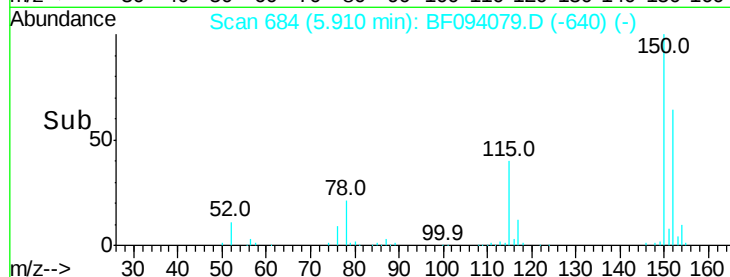
115 62.0 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.87 ng

RT: 2.33 min Scan# 75

Delta R.T. 0.01 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

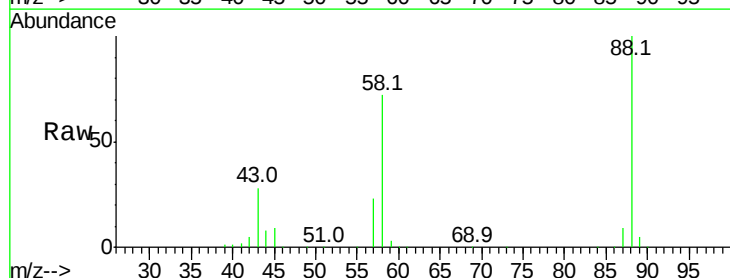
Tgt Ion: 88 Resp: 230126

Ion Ratio Lower Upper

88 100

58 74.7 61.4 92.0

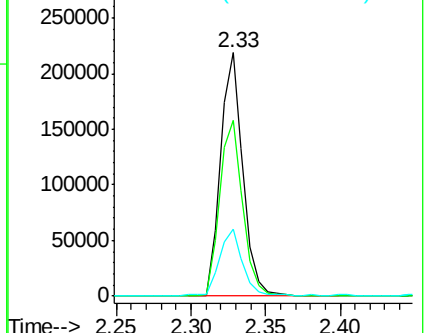
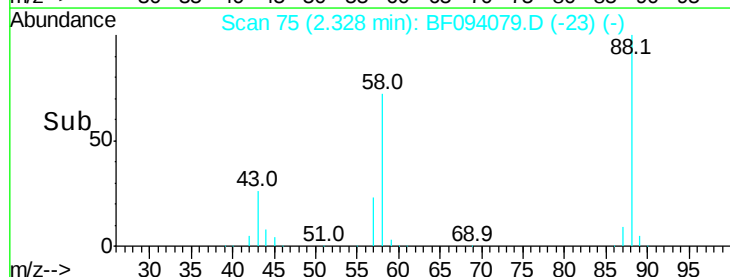
43 27.6 23.4 35.0

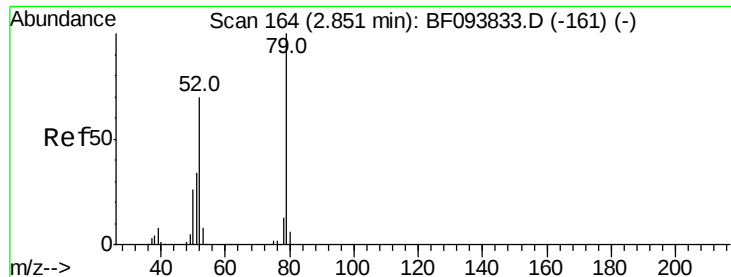


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 26.09 ng

RT: 2.80 min Scan# 156

Delta R.T. -0.01 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)MS

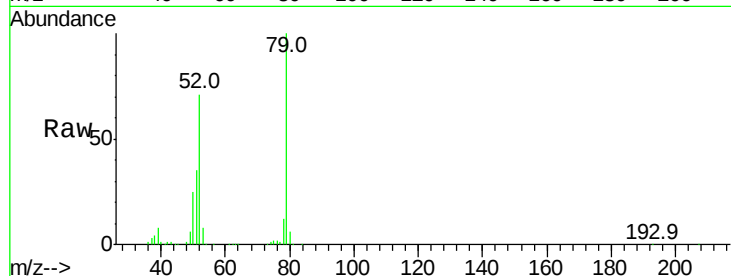
Tot Ion: 79 Resp: 410393

Ion Ratio Lower Upper

79 100

52 71.2 54.8 82.2

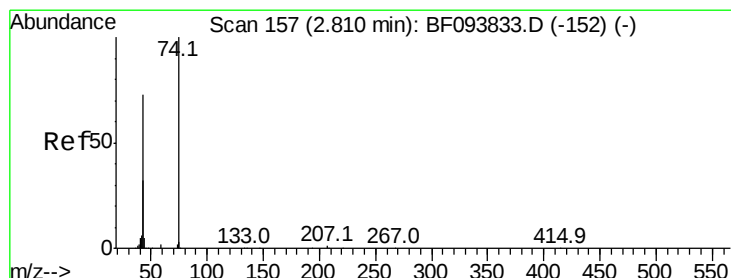
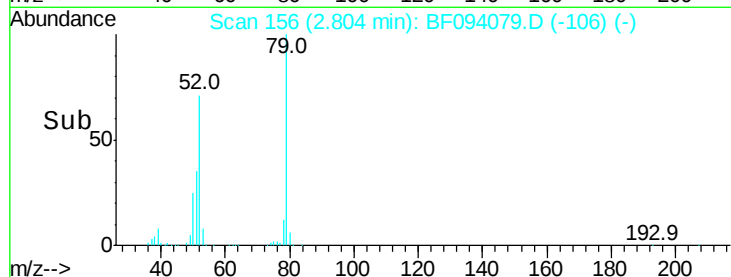
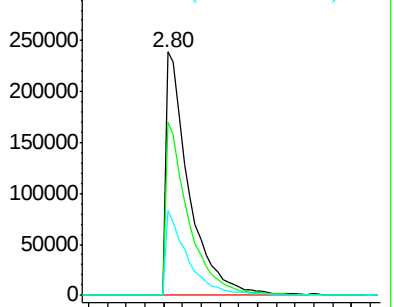
51 35.0 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 48.06 ng

RT: 2.77 min Scan# 150

Delta R.T. -0.01 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

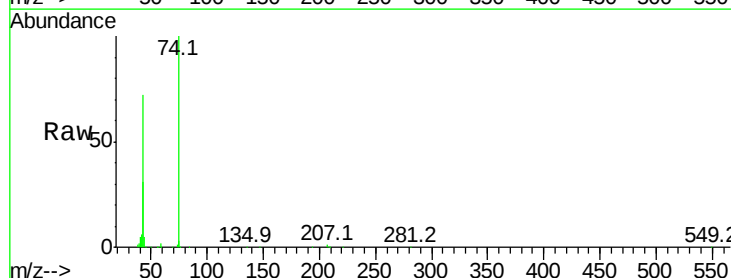
Tgt Ion: 42 Resp: 311042

Ion Ratio Lower Upper

42 100

74 139.5 103.9 155.9

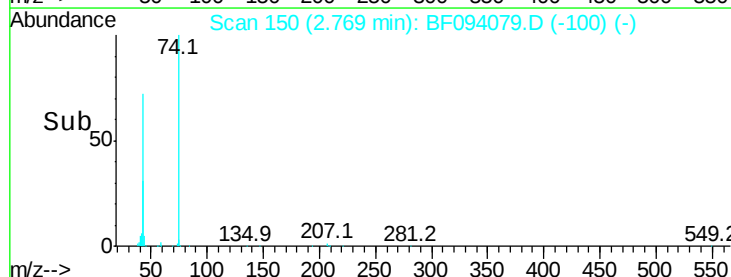
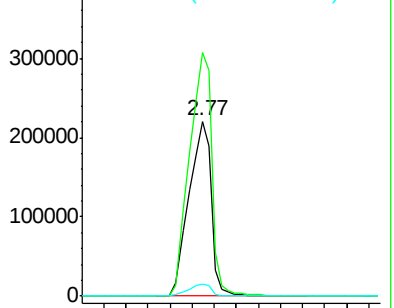
44 7.0 5.7 8.5

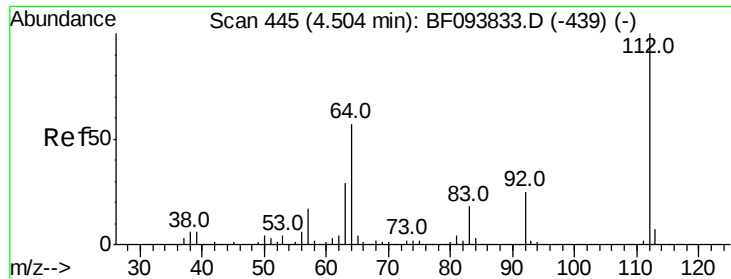


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 134.30 ng

RT: 4.46 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)MS

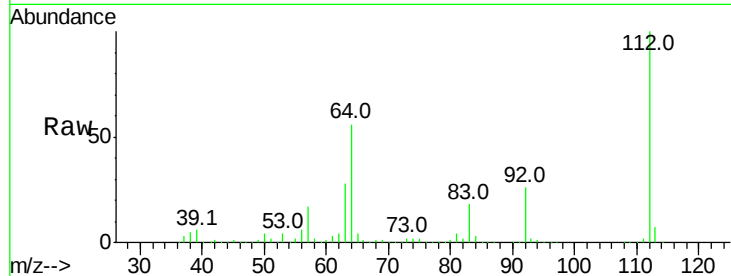
Tot Ion:112 Resp: 1613508

Ion Ratio Lower Upper

112 100

64 55.9 46.0 69.0

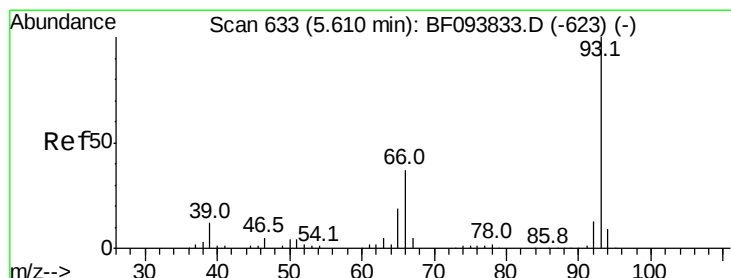
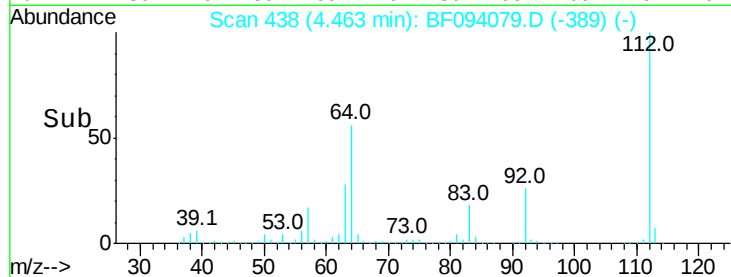
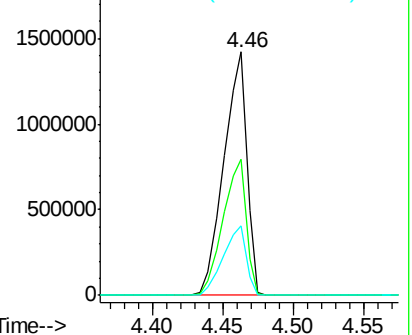
63 28.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.40 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

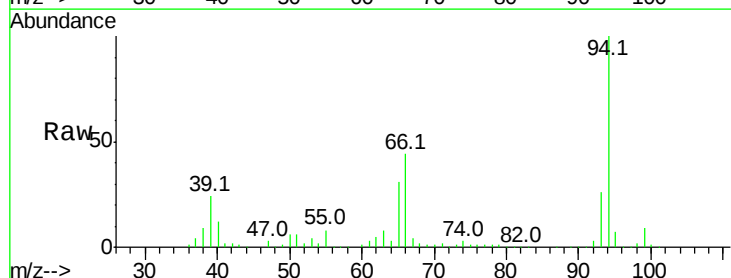
Tgt Ion: 93 Resp: 401116

Ion Ratio Lower Upper

93 100

66 170.8 32.9 49.3#

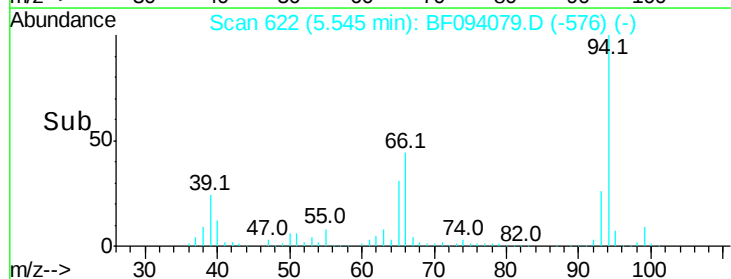
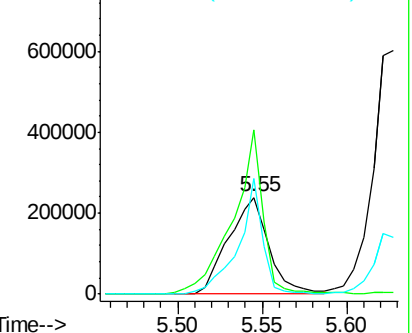
65 119.6 16.0 24.0#

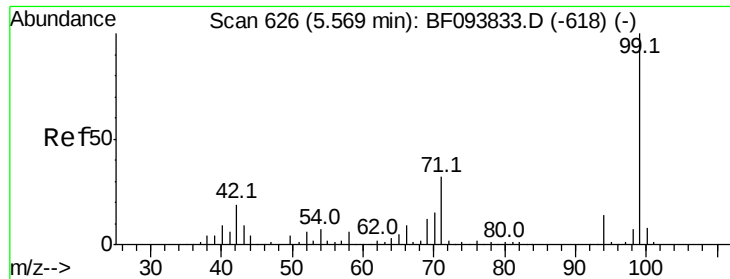


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 141.37 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :

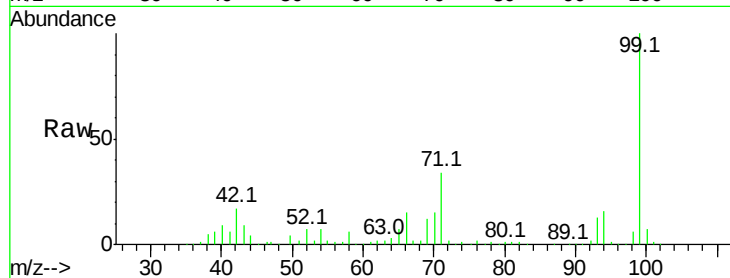
BNA_F

ClientSampleId :

TP-2(10-10.5)MS

Tot Ion: 99 Resp: 2101130

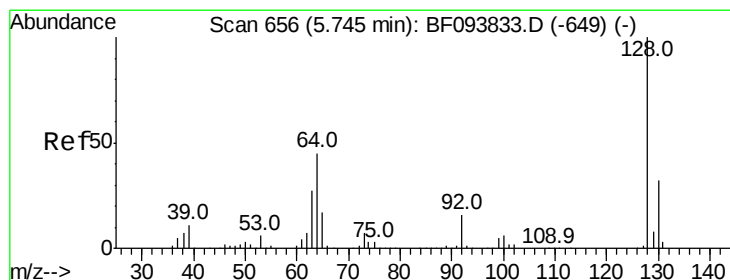
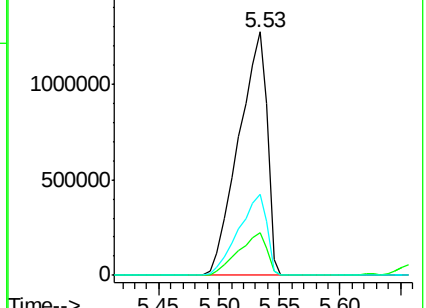
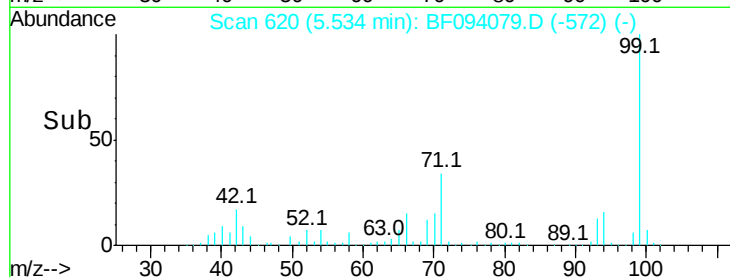
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.5	20.3
71	33.5	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 50.59 ng

RT: 5.69 min Scan# 646

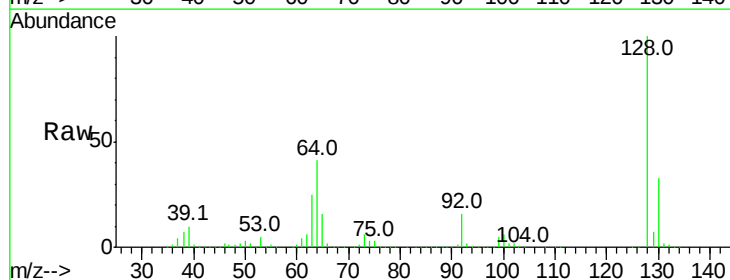
Delta R.T. -0.03 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Tgt Ion:128 Resp: 668107

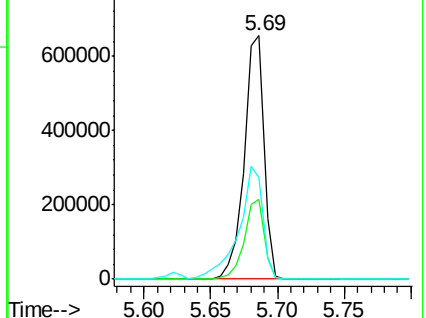
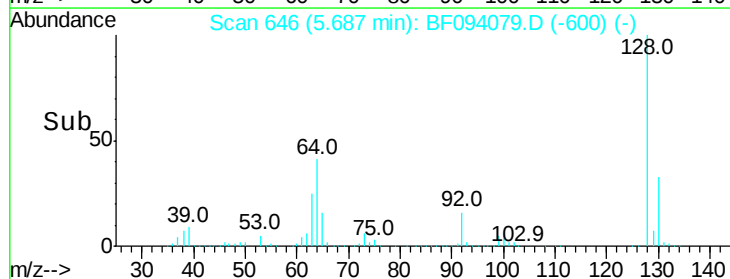
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.9	52.9
64	41.5	28.4	68.4

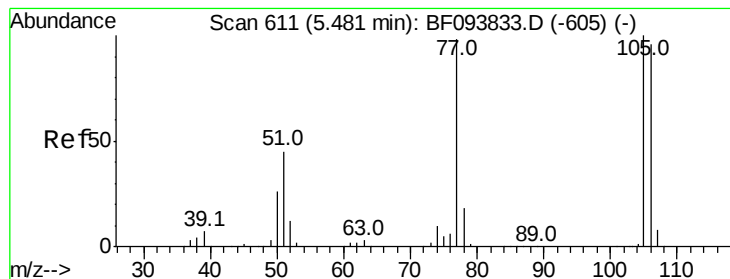


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.43 ng

RT: 5.40 min Scan# 598

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

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TP-2(10-10.5)MS

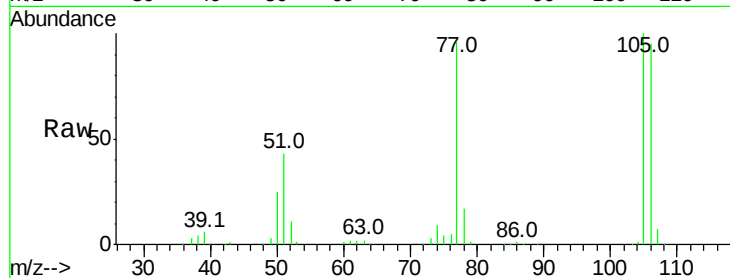
Tot Ion: 77 Resp: 164906

Ion Ratio Lower Upper

77 100

105 103.9 83.8 123.8

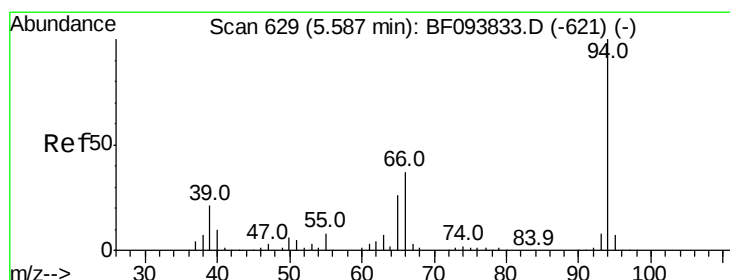
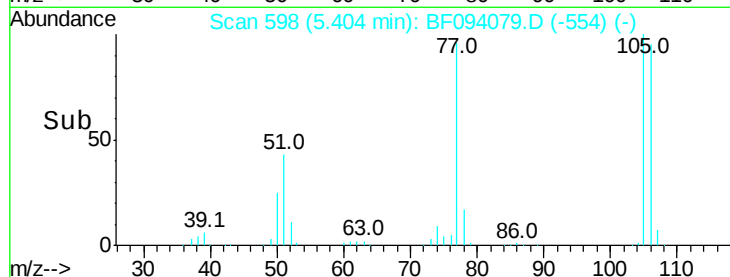
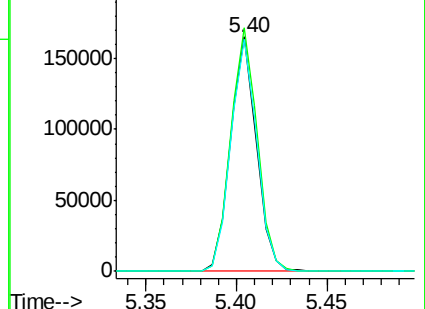
106 99.1 79.1 119.1



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: 46.31 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

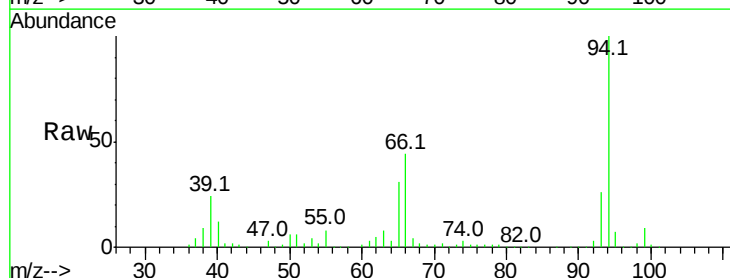
Tgt Ion: 94 Resp: 783280

Ion Ratio Lower Upper

94 100

65 30.8 9.9 49.9

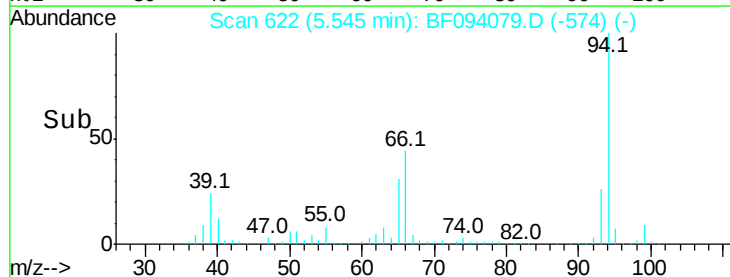
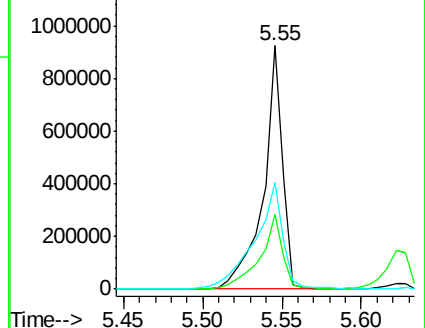
66 44.1 23.1 63.1

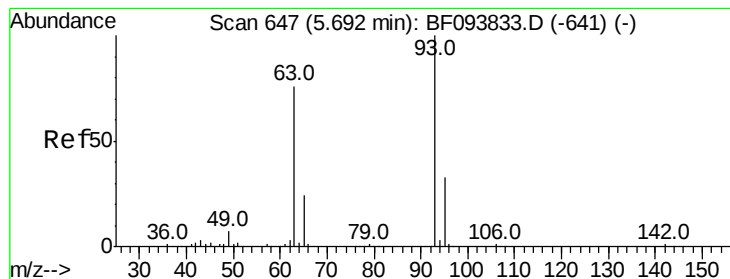


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 48.92 ng

RT: 5.63 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)MS

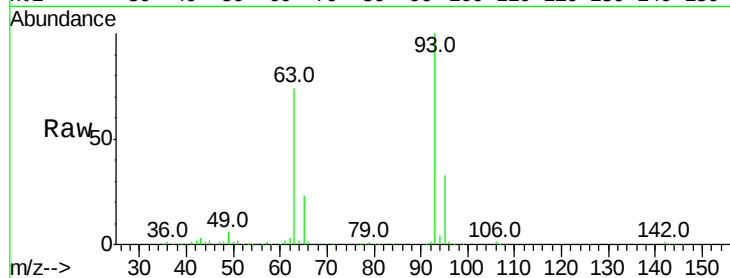
Tot Ion: 93 Resp: 646528

Ion Ratio Lower Upper

93 100

63 74.4 59.2 99.2

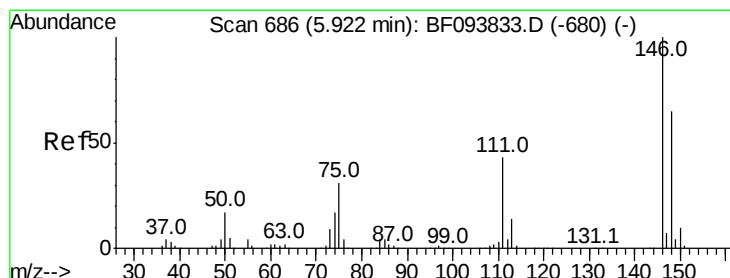
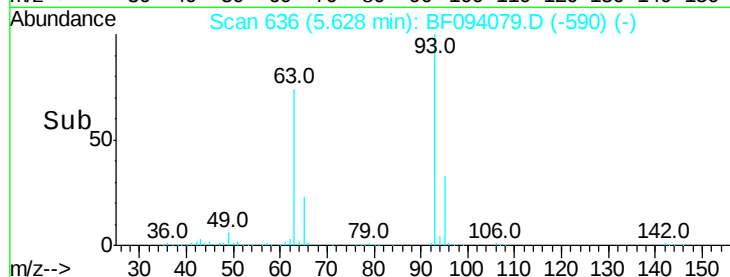
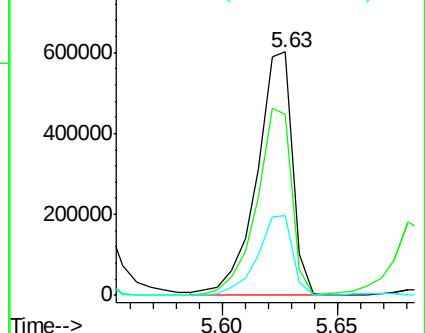
95 32.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 47.86 ng

RT: 5.85 min Scan# 673

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

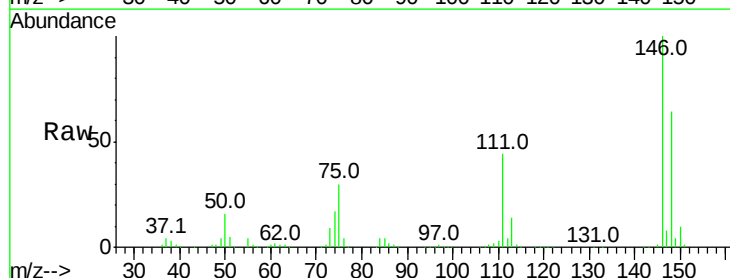
Tgt Ion: 146 Resp: 708933

Ion Ratio Lower Upper

146 100

148 63.8 51.8 77.6

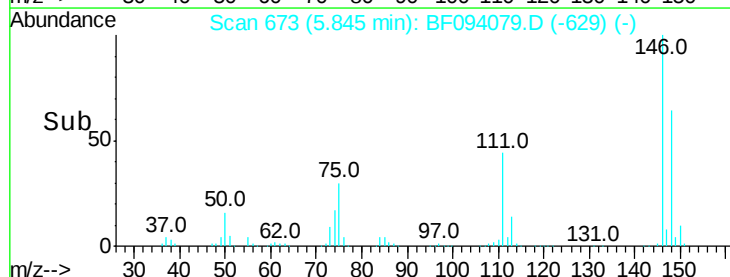
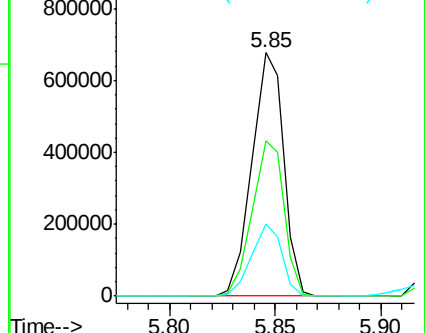
75 29.7 23.1 34.7

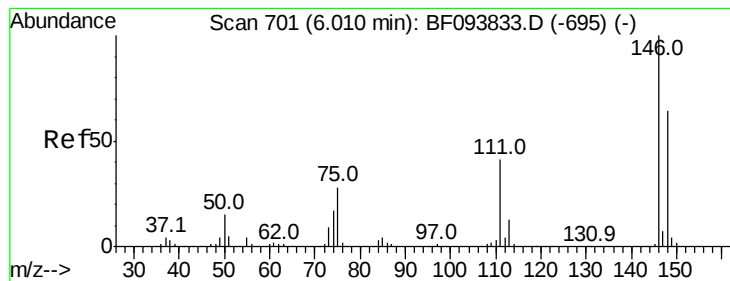


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 48.04 ng

RT: 5.93 min Scan# 688

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)MS

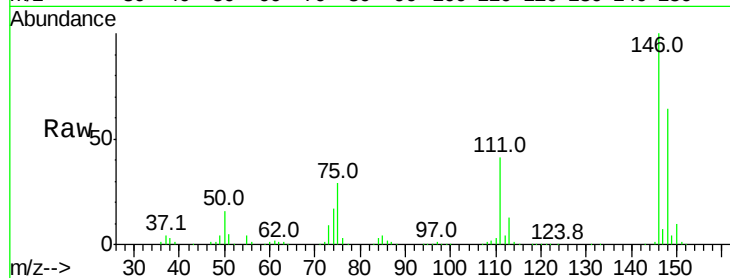
Tot Ion:146 Resp: 720662

Ion Ratio Lower Upper

146 100

148 63.8 52.2 78.2

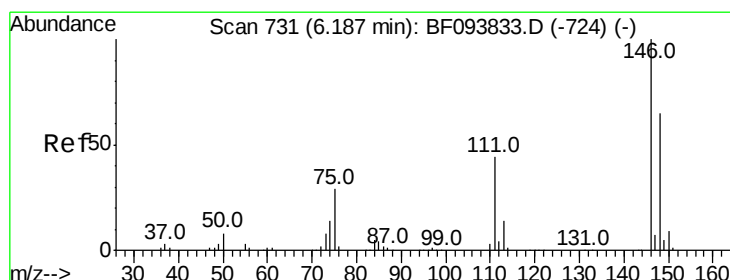
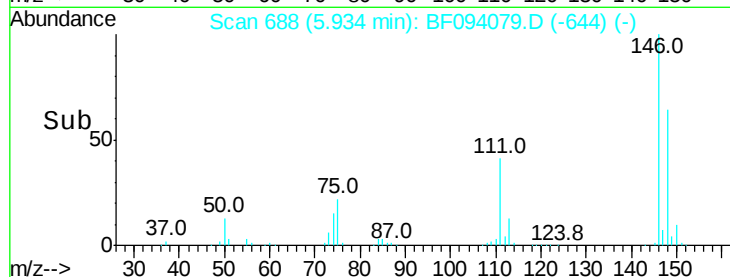
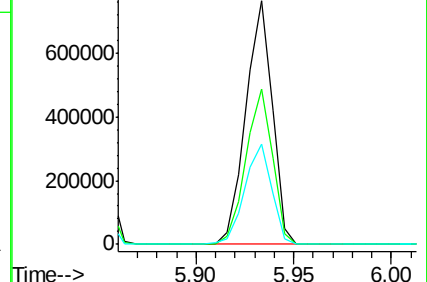
111 41.0 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.15 ng

RT: 6.11 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

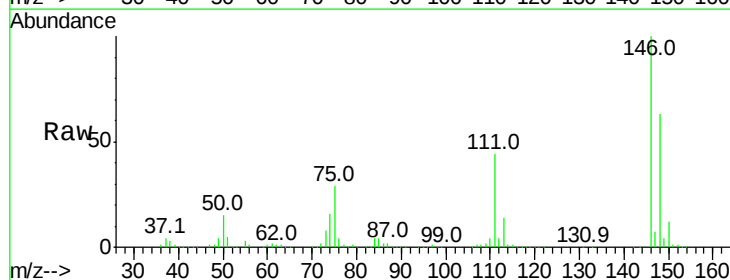
Tgt Ion:146 Resp: 665236

Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

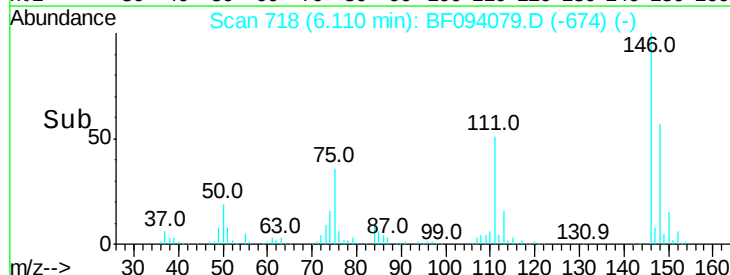
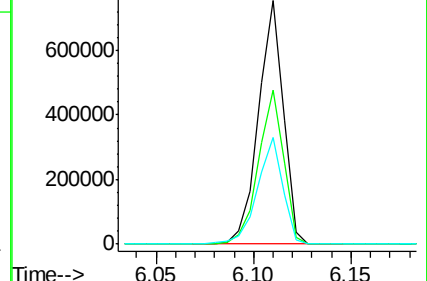
111 43.9 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

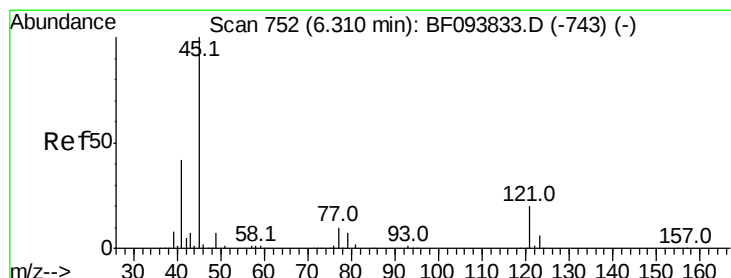
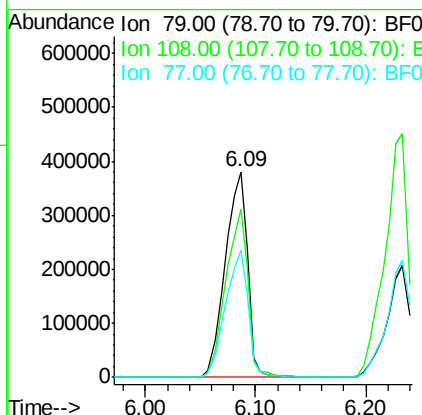
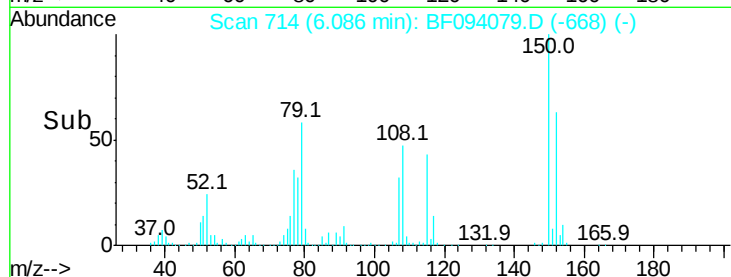
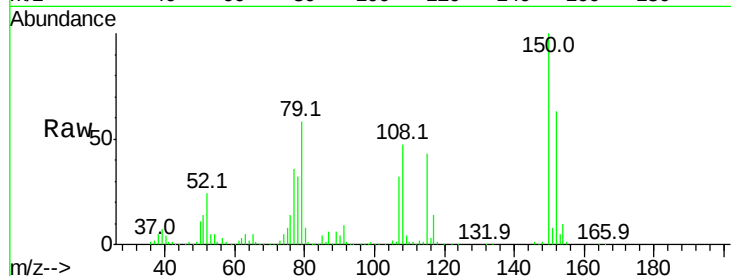




#15
Benzyl Alcohol
Concen: 49.66 ng
RT: 6.09 min Scan# 714
Delta R.T. -0.03 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

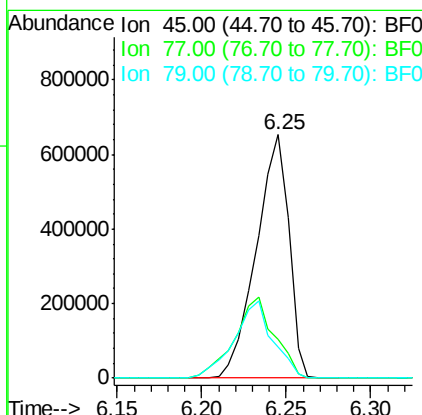
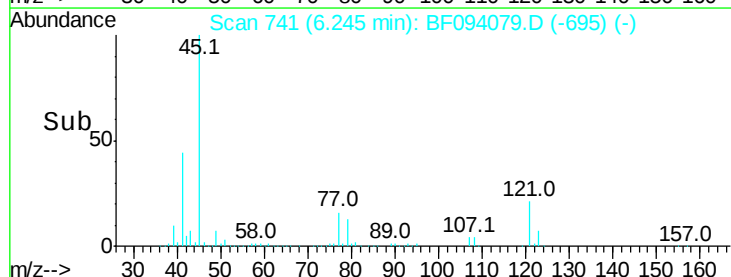
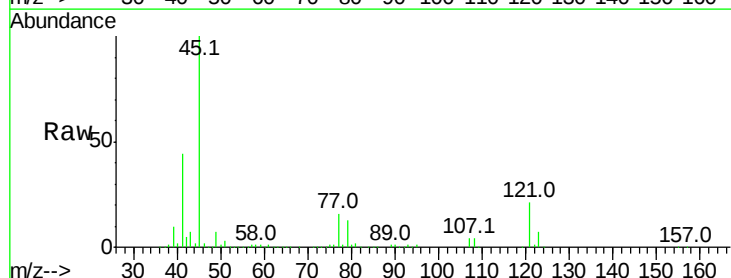
Instrument :
BNA_F
ClientSampleId :
TP-2(10-10.5)MS

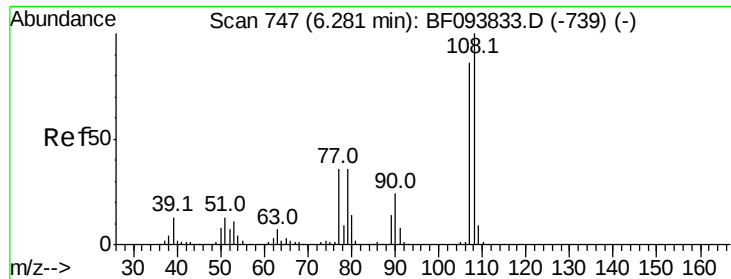
Tot Ion: 79 Resp: 540217
Ion Ratio Lower Upper
79 100
108 81.7 63.4 95.0
77 62.0 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 42.99 ng
RT: 6.25 min Scan# 741
Delta R.T. -0.03 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Tgt Ion: 45 Resp: 875642
Ion Ratio Lower Upper
45 100
77 15.8 0.0 33.2
79 12.6 0.0 30.0

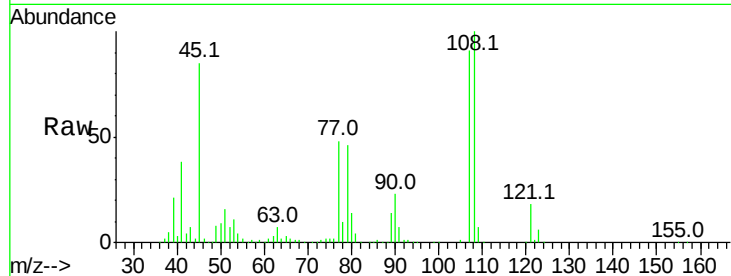




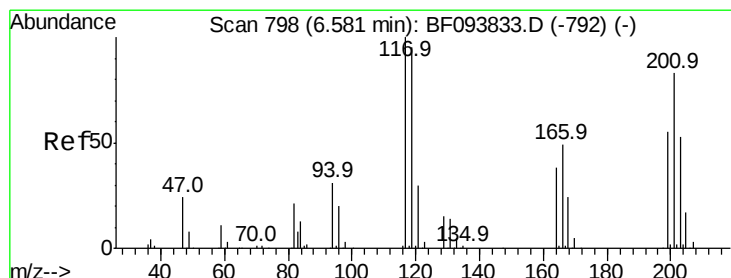
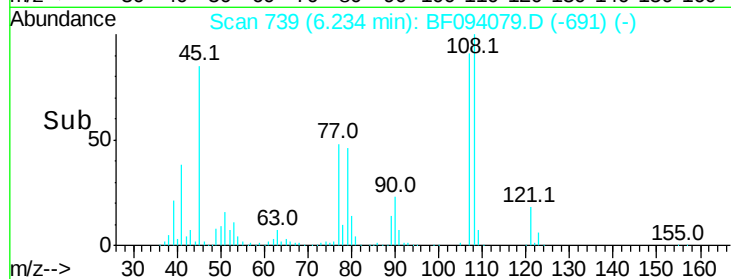
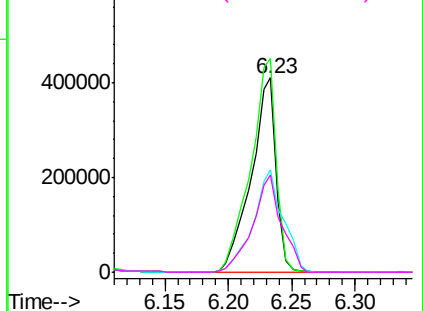
#17
2-Methylphenol
Concen: 49.95 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Instrument :
BNA_F
ClientSampleId :
TP-2(10-10.5)MS

Tot Ion:	107	Resp:	564917
Ion	Ratio	Lower	Upper
107	100		
108	109.9	93.4	140.0
77	52.9	35.8	53.6
79	50.4	34.8	52.2

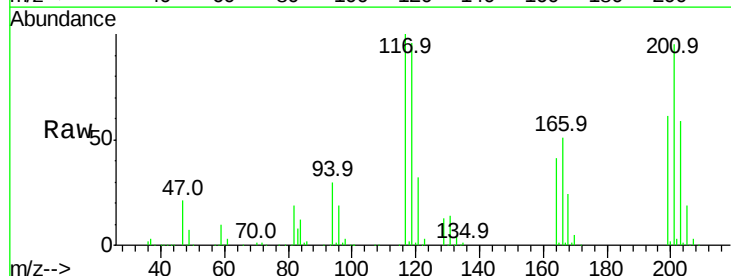


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

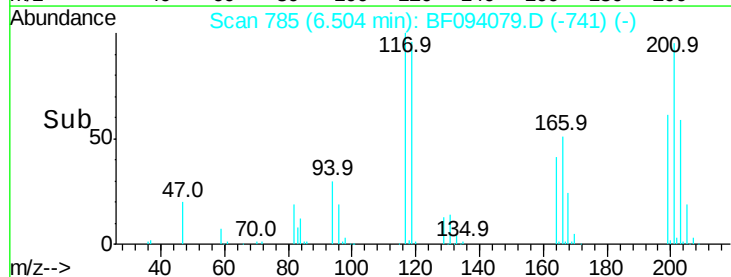
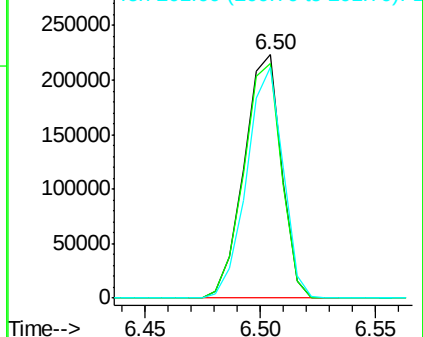


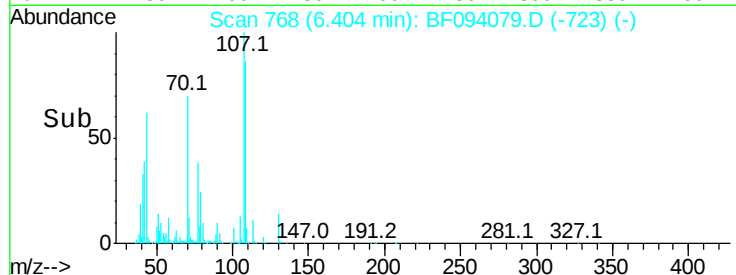
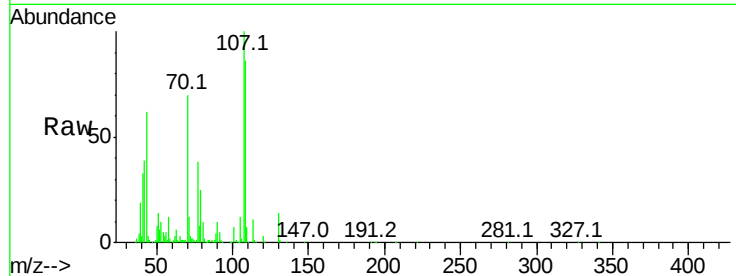
#18
Hexachloroethane
Concen: 47.96 ng
RT: 6.50 min Scan# 785
Delta R.T. -0.04 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Tgt Ion:	117	Resp:	252903
Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.0
201	94.7	94.6	141.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 49.19 ng

RT: 6.40 min Scan# 768

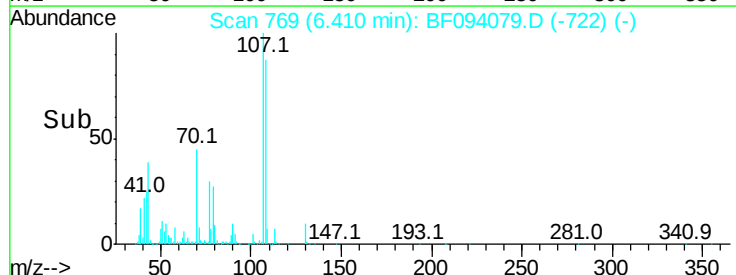
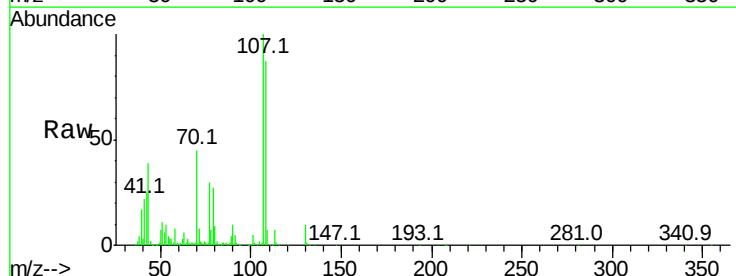
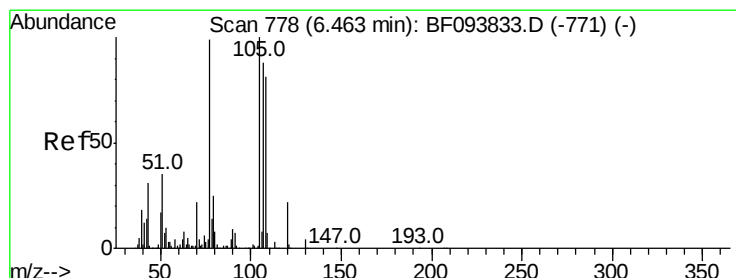
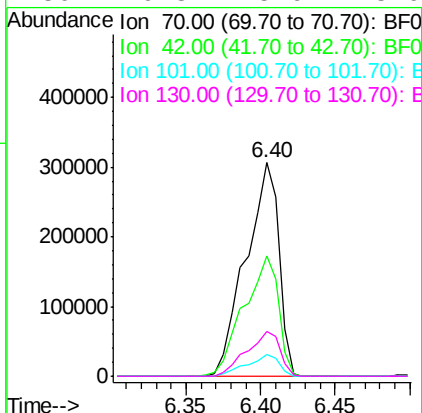
Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :
BNA_F
ClientSampleId :
TP-2(10-10.5)MS

Tot Ion:	70	Resp:	469896
Ion	Ratio	Lower	Upper
70	100		
42	56.2	47.2	70.8
101	9.9	7.2	10.8
130	20.8	15.9	23.9



#20

3+4-Methylphenols

Concen: 52.44 ng

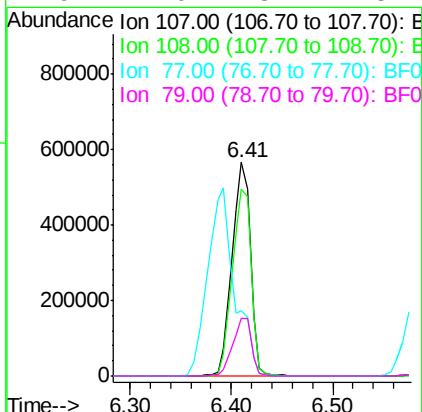
RT: 6.41 min Scan# 769

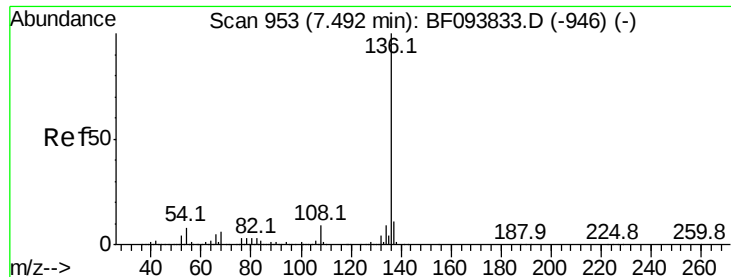
Delta R.T. -0.02 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Tgt Ion:	107	Resp:	718262
Ion	Ratio	Lower	Upper
107	100		
108	87.4	71.0	111.0
77	30.4	90.5	130.5#
79	27.0	8.4	48.4

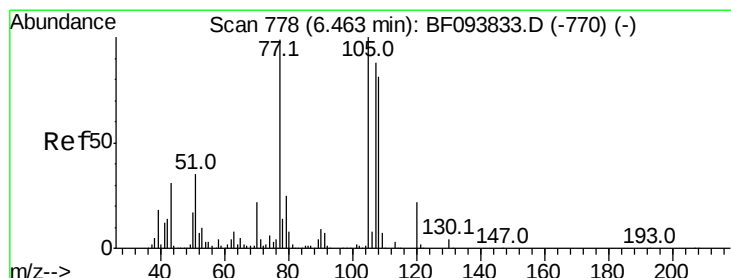
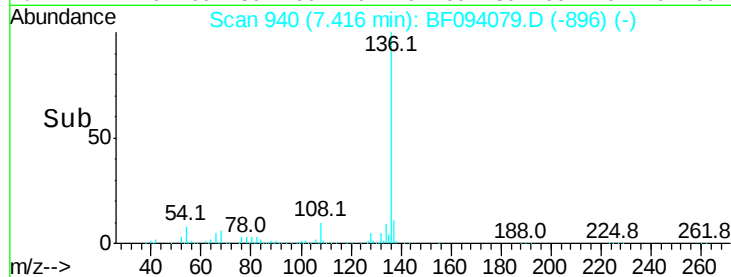
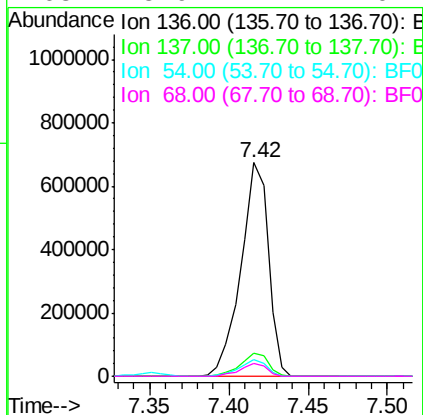
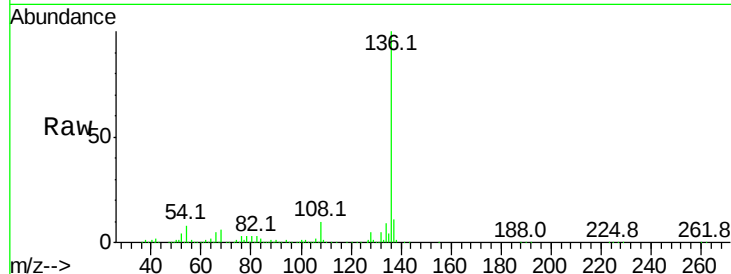




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.42 min Scan# 940
Delta R.T. -0.04 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

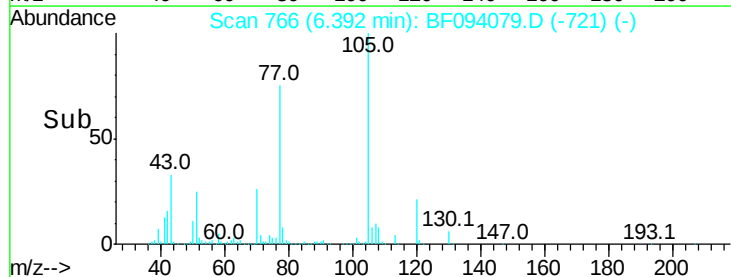
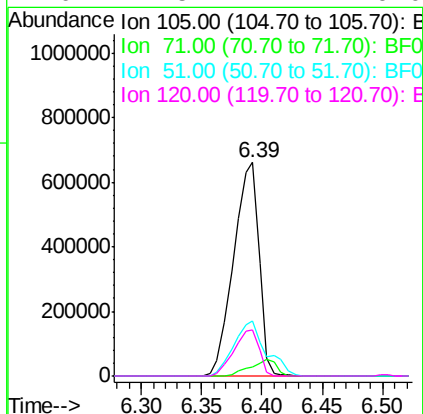
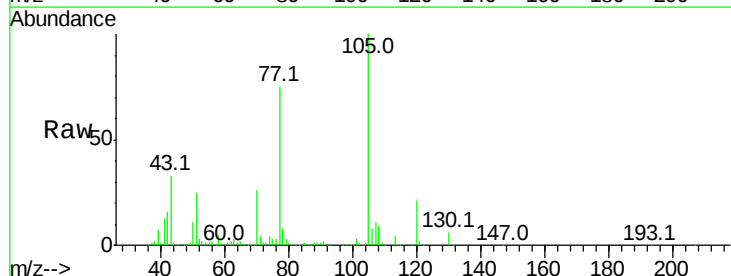
Instrument :
BNA_F
ClientSampleId :
TP-2(10-10.5)MS

Tot Ion:136	Resp:	811569
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	7.5	4.9 7.3#
68	5.9	4.1 6.1



#22
Acetophenone
Concen: 53.51 ng
RT: 6.39 min Scan# 766
Delta R.T. -0.04 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Tgt Ion:105	Resp:	967839
Ion Ratio	Lower	Upper
105	100	
71	4.5	2.8 4.2#
51	25.5	30.7 46.1#
120	21.5	17.4 26.0

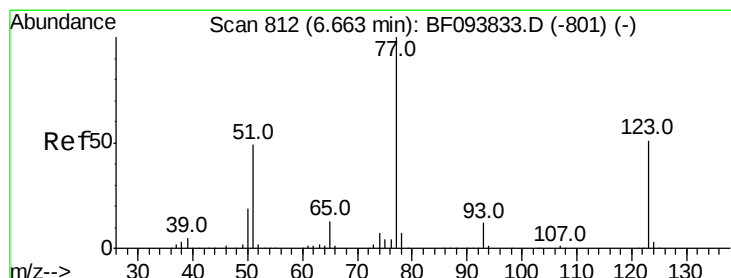
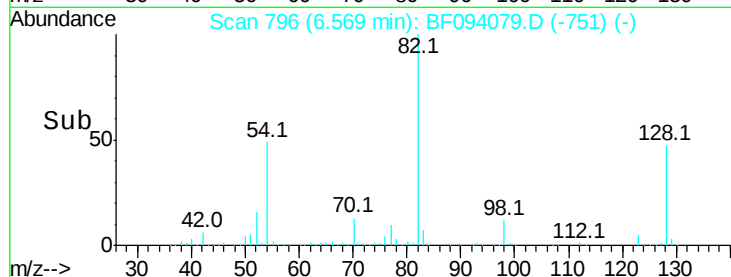
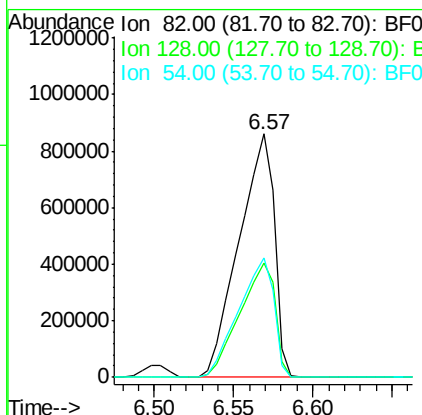
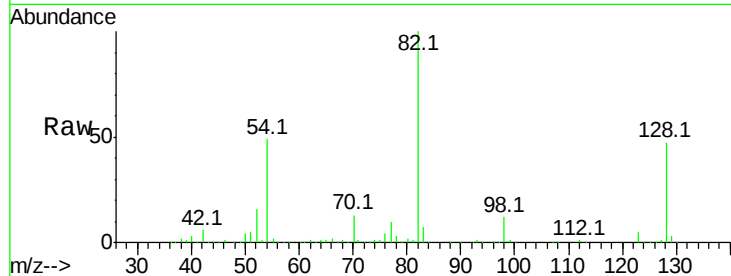




#23
Nitrobenzene-d5
Concen: 93.60 ng
RT: 6.57 min Scan# 796
Delta R.T. -0.04 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

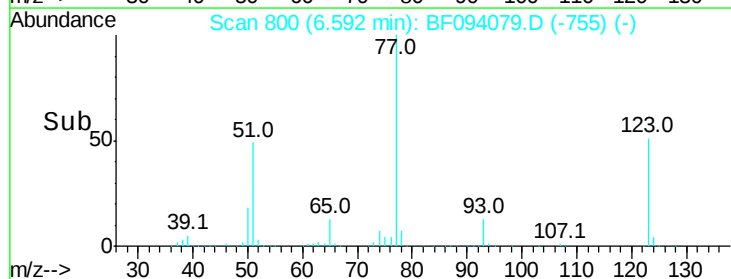
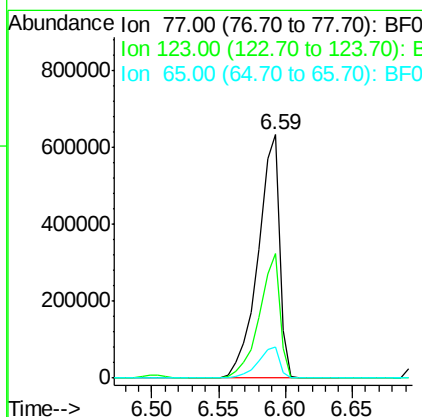
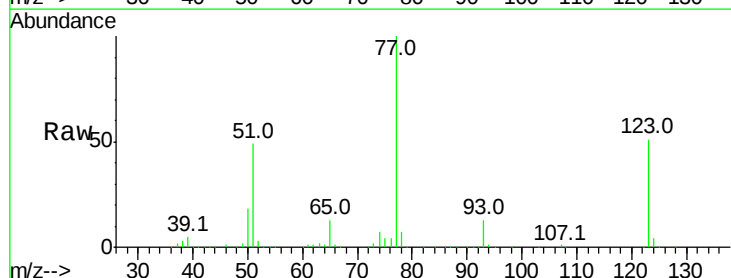
Instrument :
BNA_F
ClientSampleId :
TP-2(10-10.5)MS

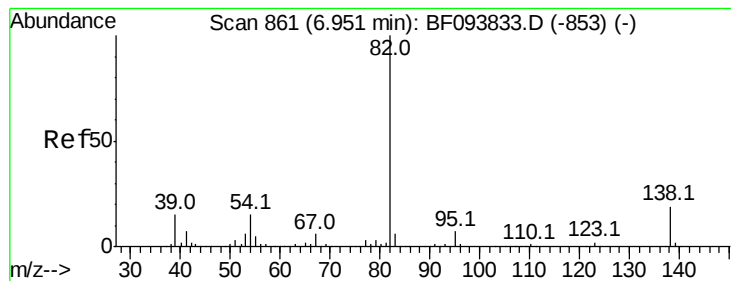
Tot Ion: 82 Resp: 1331079
Ion Ratio Lower Upper
82 100
128 46.8 34.0 51.0
54 49.0 42.2 63.2



#24
Nitrobenzene
Concen: 49.93 ng
RT: 6.59 min Scan# 800
Delta R.T. -0.04 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Tgt Ion: 77 Resp: 700356
Ion Ratio Lower Upper
77 100
123 51.0 35.8 53.8
65 12.9 10.6 15.8





#25

Isophorone

Concen: 51.08 ng

RT: 6.88 min Scan# 849

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)MS

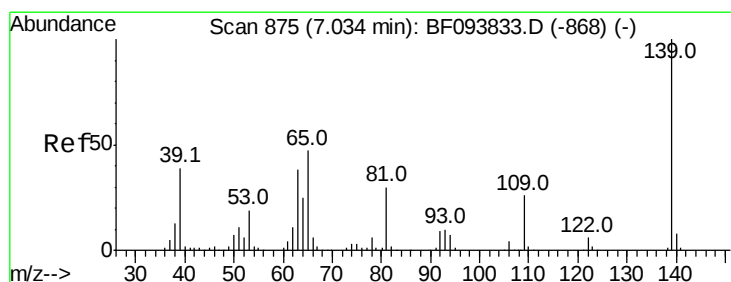
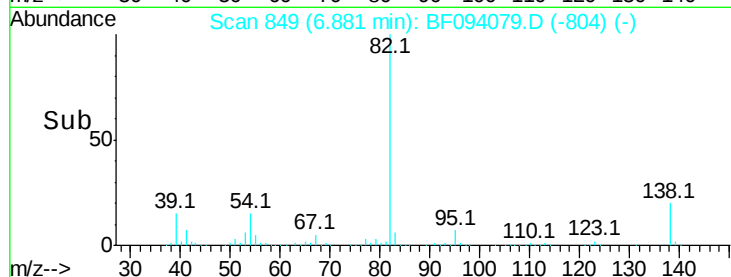
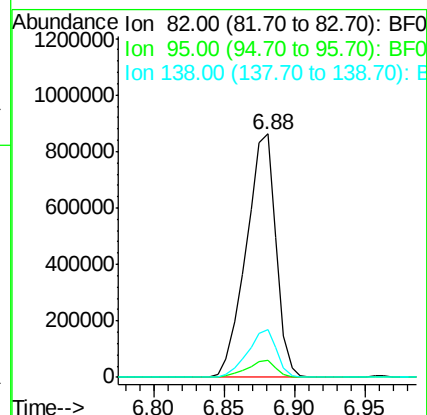
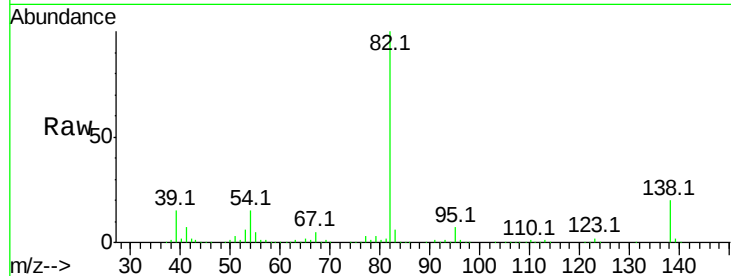
Tot Ion: 82 Resp: 1276523

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 19.8 13.1 19.7#



#26

2-Nitrophenol

Concen: 57.87 ng

RT: 6.96 min Scan# 863

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

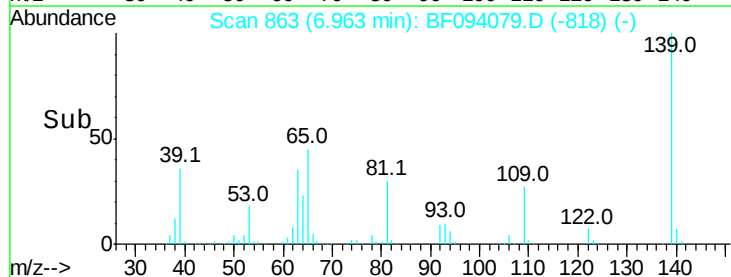
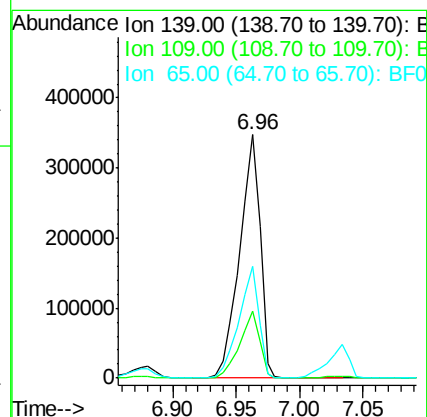
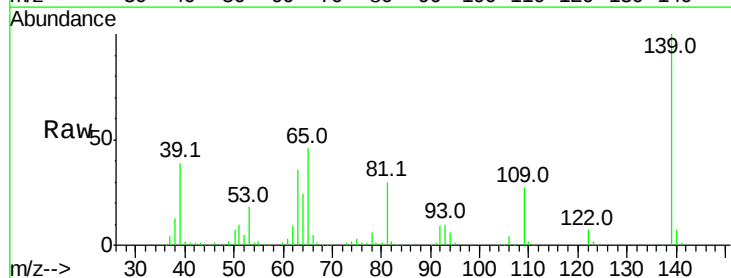
Tgt Ion: 139 Resp: 387040

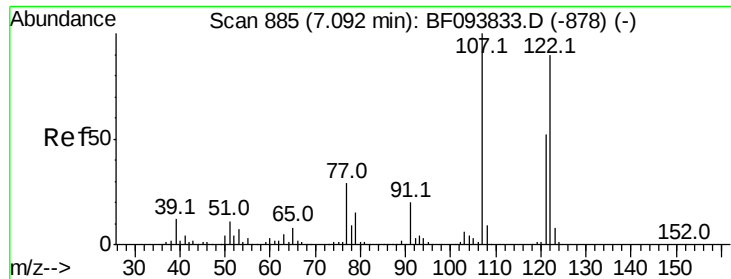
Ion Ratio Lower Upper

139 100

109 27.5 21.0 31.6

65 45.7 33.0 49.6

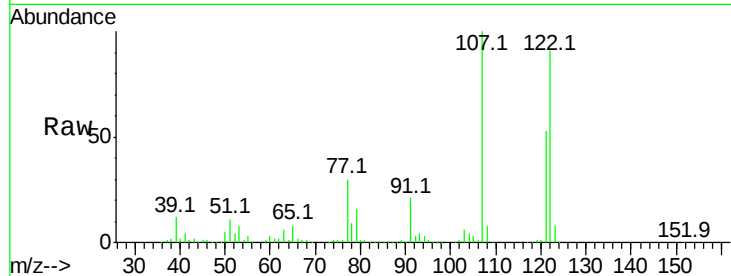




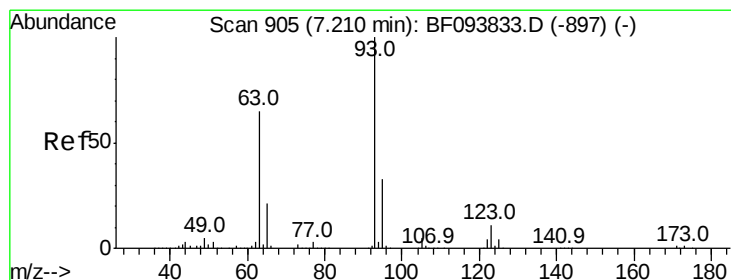
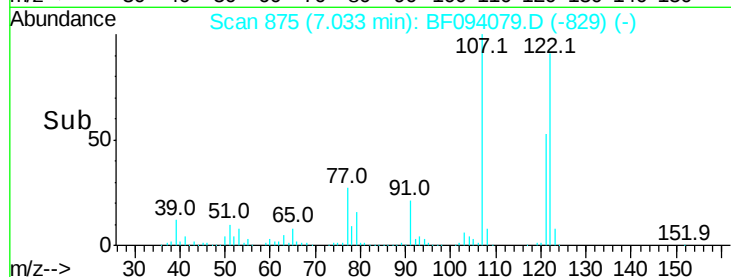
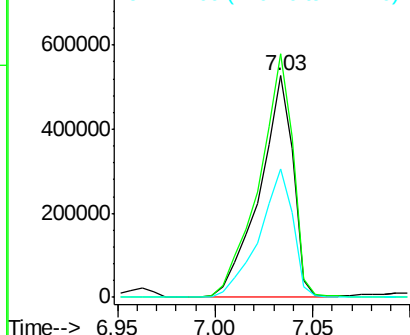
#27
2,4-Dimethylphenol
Concen: 54.59 ng
RT: 7.03 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Instrument :
BNA_F
ClientSampleId :
TP-2(10-10.5)MS

Tot Ion:122 Resp: 629171
Ion Ratio Lower Upper
122 100
107 110.0 89.2 133.8
121 57.9 45.2 67.8

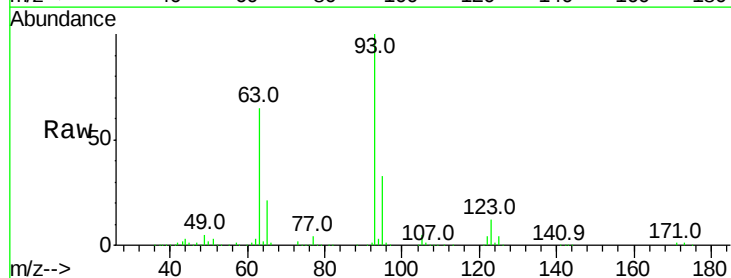


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

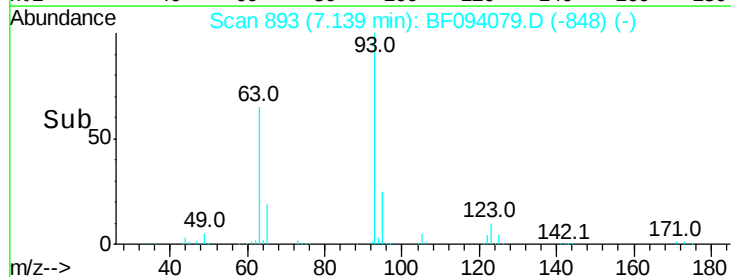
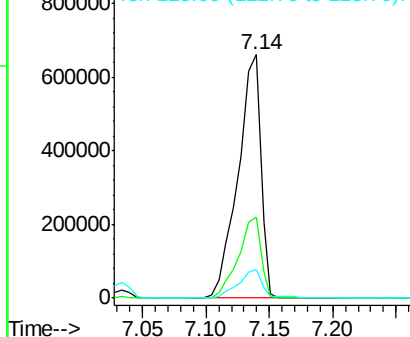


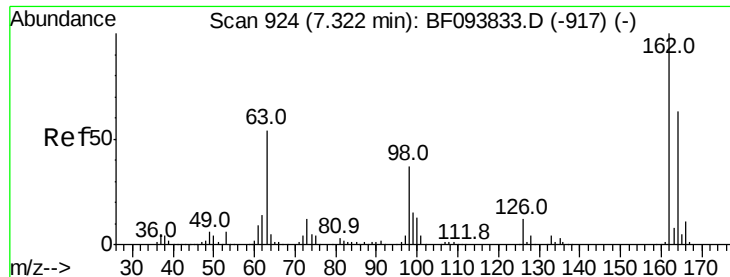
#28
bis(2-Chloroethoxy)methane
Concen: 49.96 ng
RT: 7.14 min Scan# 893
Delta R.T. -0.04 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Tgt Ion: 93 Resp: 823282
Ion Ratio Lower Upper
93 100
95 33.2 26.5 39.7
123 11.5 9.0 13.4



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

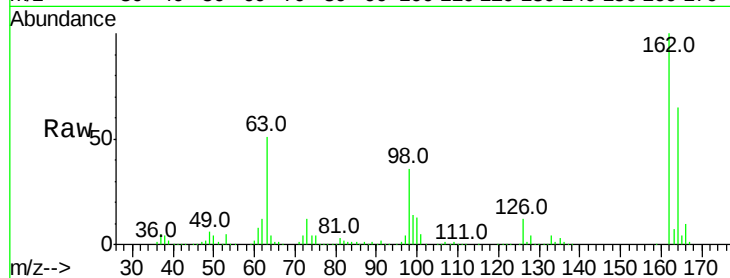




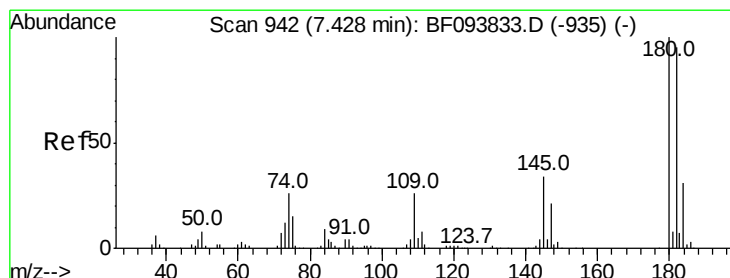
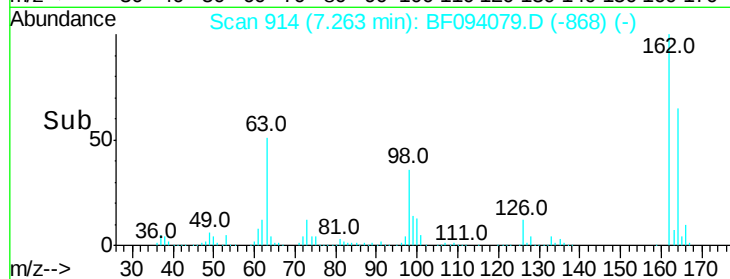
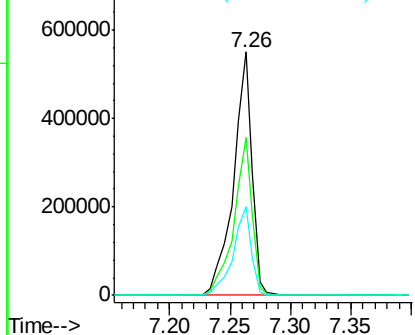
#29
 2,4-Dichlorophenol
 Concen: 54.48 ng
 RT: 7.26 min Scan# 914
 Delta R.T. -0.03 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-2(10-10.5)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.6	84.6
98	36.2	14.8	54.8

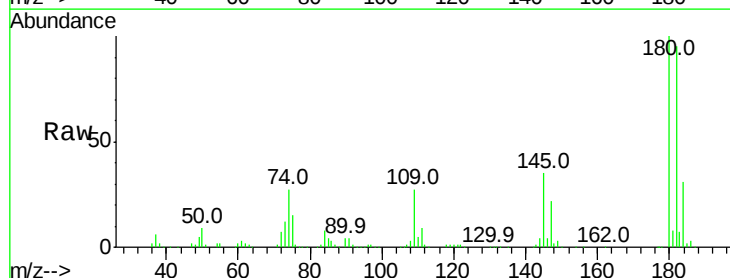


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

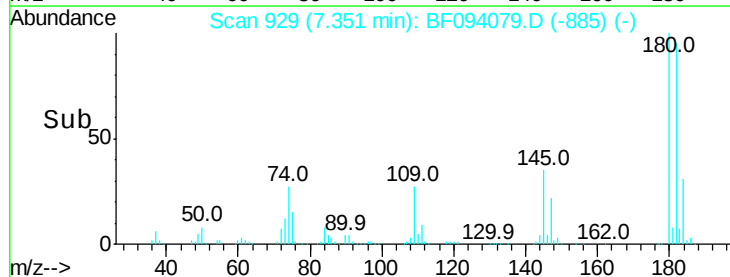
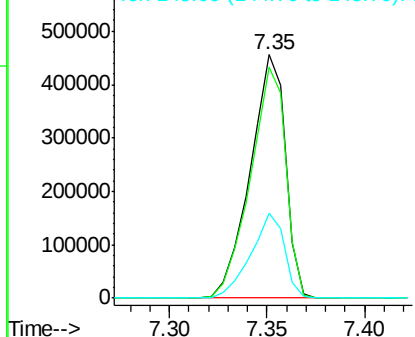


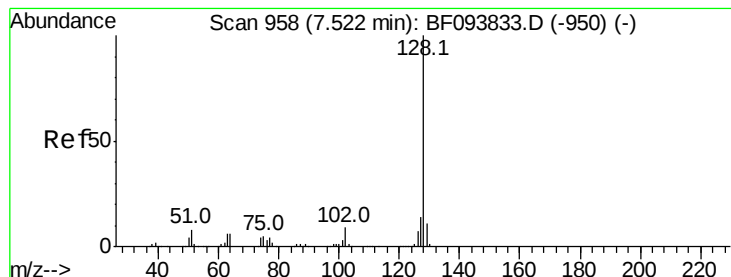
#30
 1,2,4-Trichlorobenzene
 Concen: 51.26 ng
 RT: 7.35 min Scan# 929
 Delta R.T. -0.04 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.6
145	35.0	25.3	37.9



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





#31

Naphthalene

Concen: 48.97 ng

RT: 7.45 min Scan# 945

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)MS

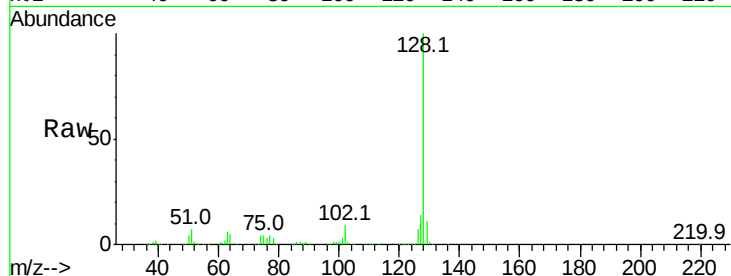
Tot Ion:128 Resp: 1910878

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

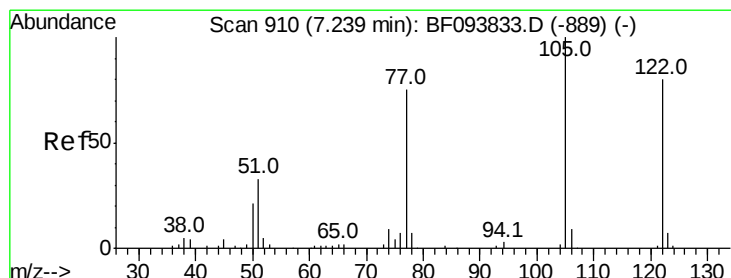
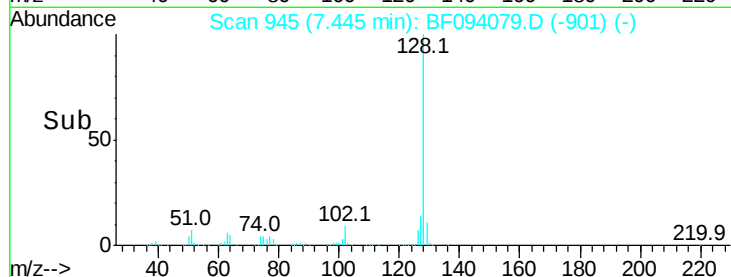
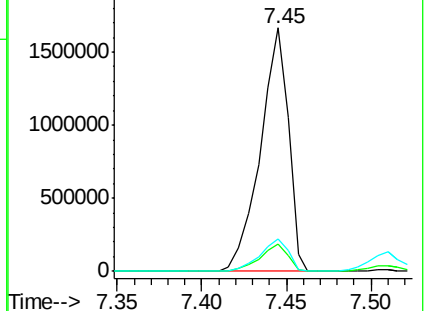
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.00 ng

RT: 7.17 min Scan# 898

Delta R.T. -0.05 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

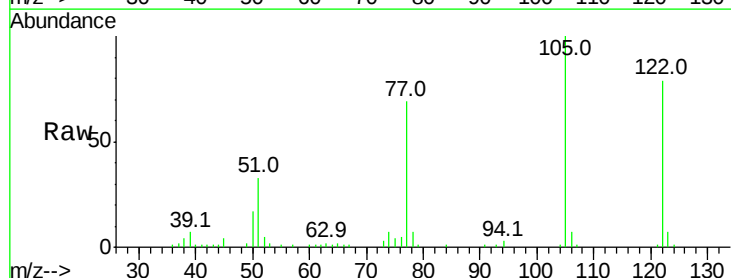
Tgt Ion:122 Resp: 138087

Ion Ratio Lower Upper

122 100

105 126.0 103.3 143.3

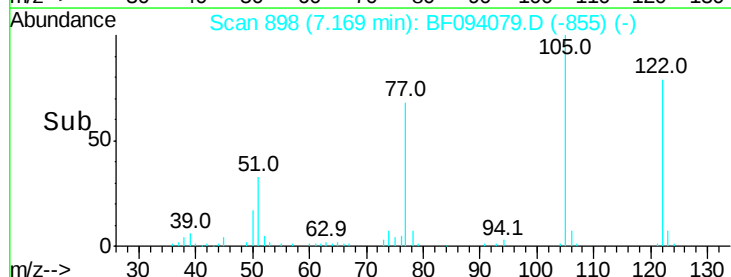
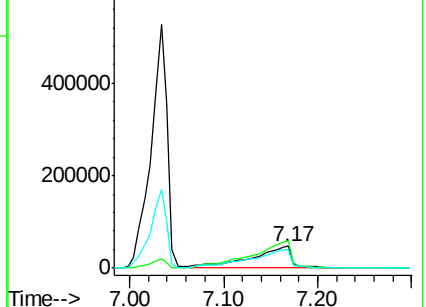
77 86.5 73.7 113.7

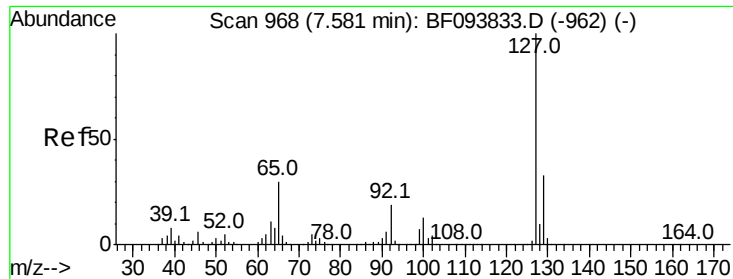


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

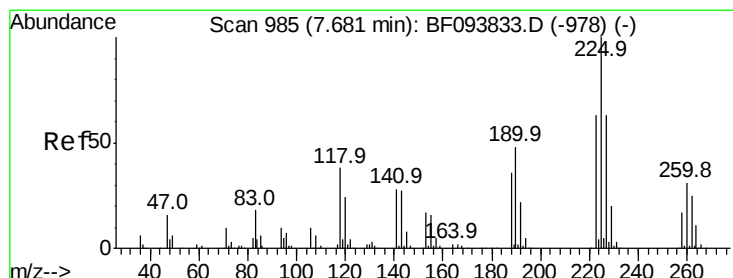
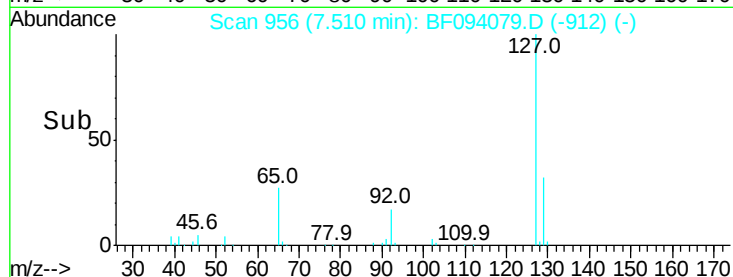
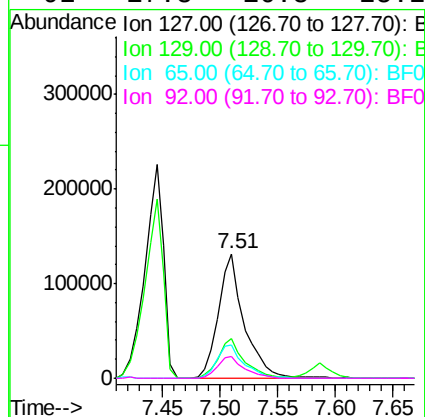
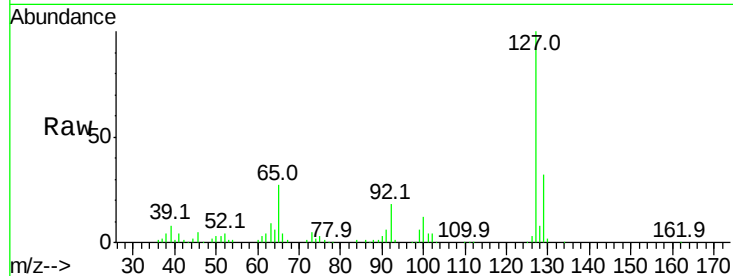




#33
4-Chloroaniline
Concen: 12.98 ng
RT: 7.51 min Scan# 956
Delta R.T. -0.04 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

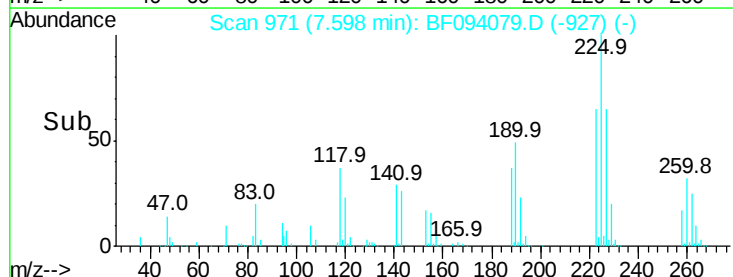
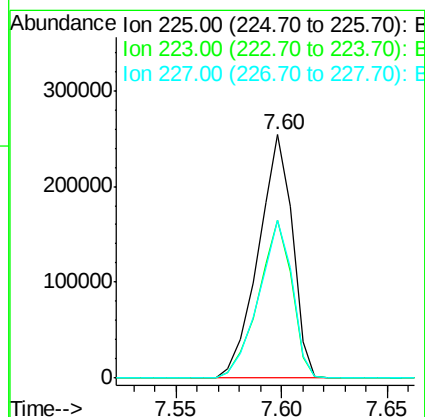
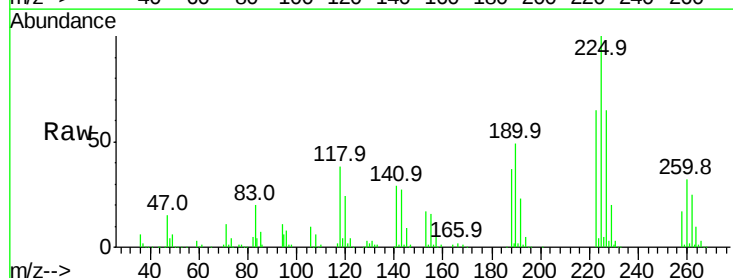
Instrument :
BNA_F
ClientSampleId :
TP-2(10-10.5)MS

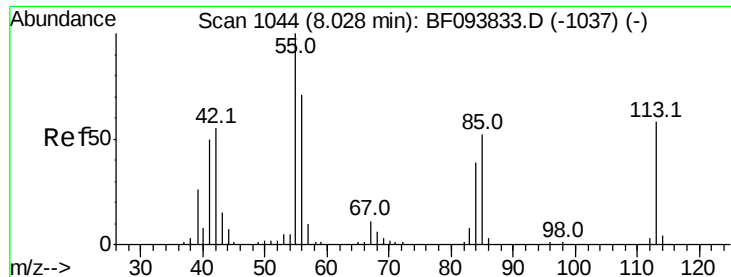
Tot Ion:	127	Resp:	205294
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	27.1	27.8	41.8#
92	17.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 50.04 ng
RT: 7.60 min Scan# 971
Delta R.T. -0.04 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Tgt Ion:	225	Resp:	284818
Ion	Ratio	Lower	Upper
225	100		
223	64.9	48.8	73.2
227	65.0	51.1	76.7

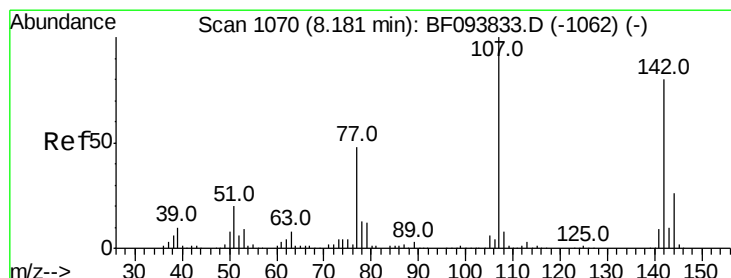
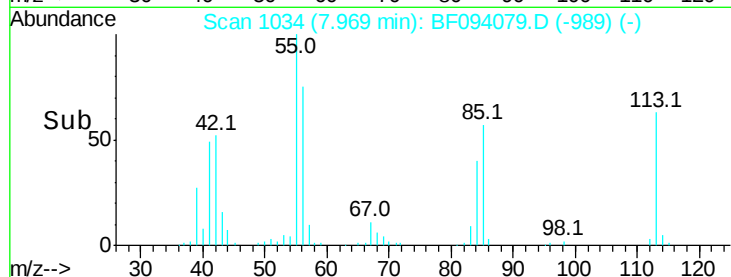
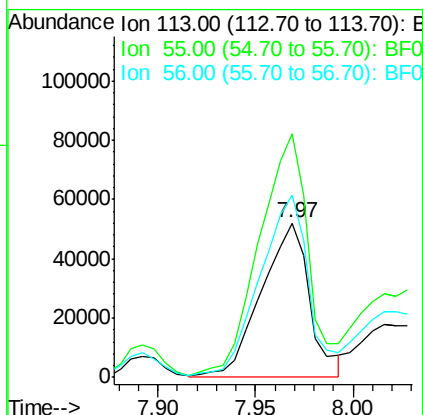
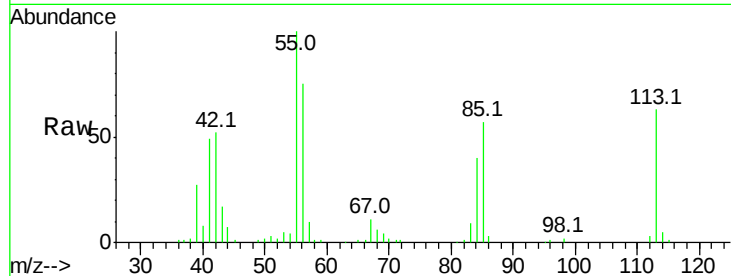




#35
 Caprolactam
 Concen: 25.94 ng
 RT: 7.97 min Scan# 1034
 Delta R.T. -0.04 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

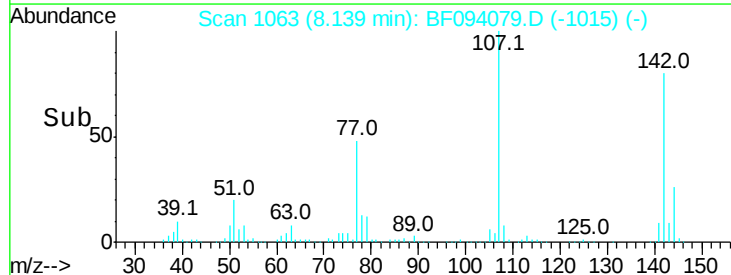
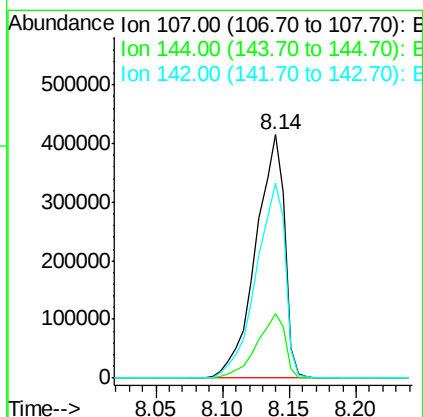
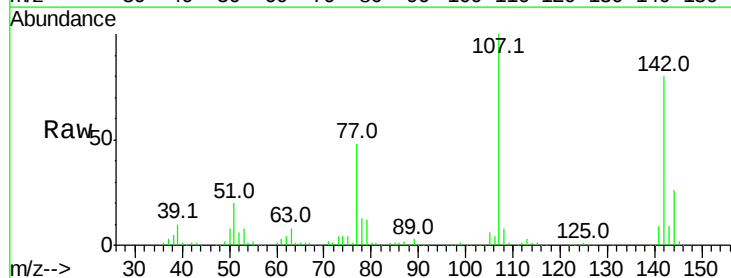
Instrument :
 BNA_F
 ClientSampleId :
 TP-2(10-10.5)MS

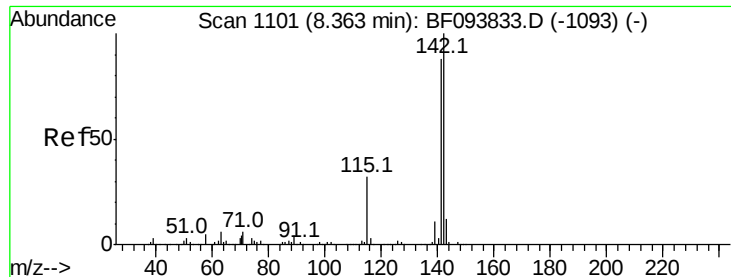
Tot Ion:113 Resp: 89141
 Ion Ratio Lower Upper
 113 100
 55 157.7 150.2 190.2
 56 117.9 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 54.96 ng
 RT: 8.14 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

Tgt Ion:107 Resp: 618855
 Ion Ratio Lower Upper
 107 100
 144 26.4 24.2 36.4
 142 80.2 73.4 110.0





#37

2-Methylnaphthalene

Concen: 50.36 ng

RT: 8.29 min Scan# 1089

Delta R.T. -0.04 min

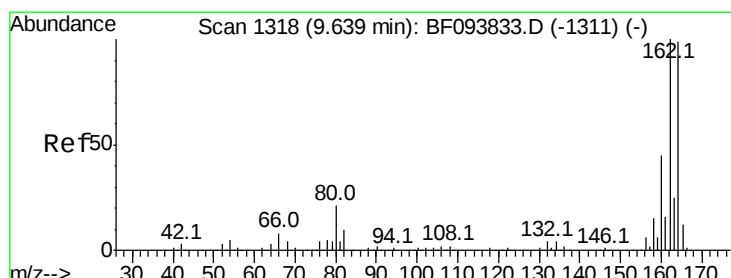
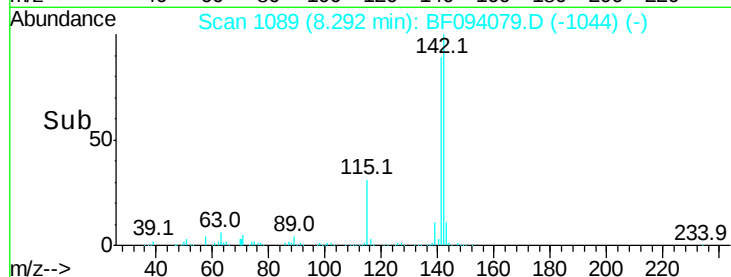
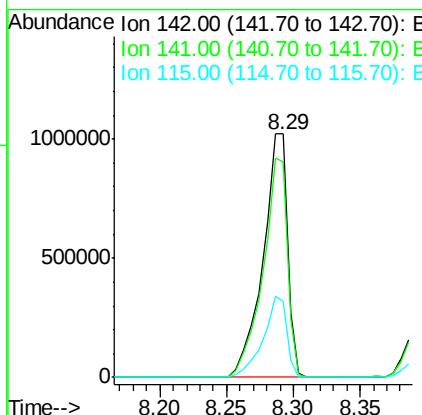
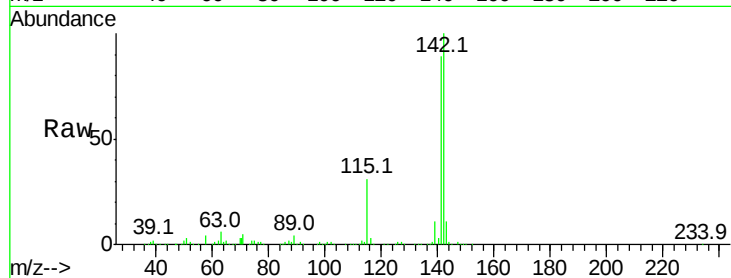
Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :
BNA_F
ClientSampleId :
TP-2(10-10.5)MS

Tot Ion:142 Resp: 1310098

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9
115	31.4	27.1	40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 1305

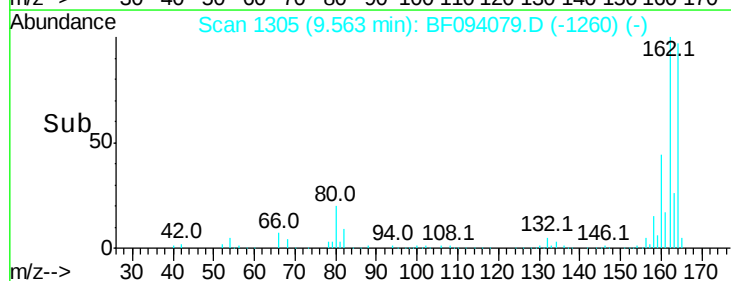
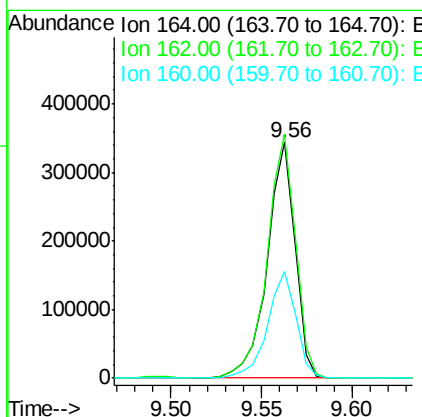
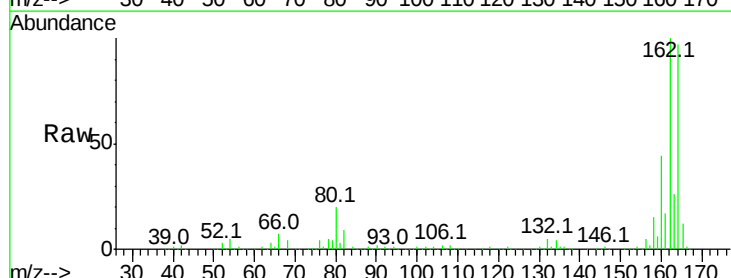
Delta R.T. -0.04 min

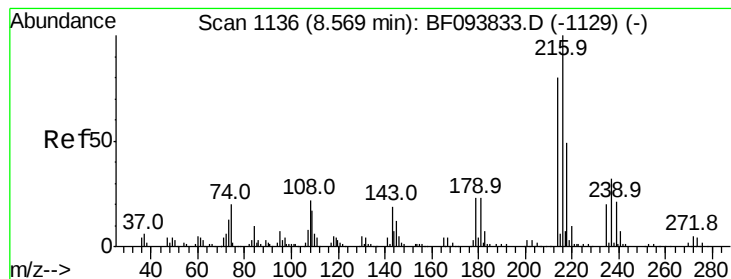
Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Tgt Ion:164 Resp: 366033

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	45.5	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.22 ng

RT: 8.50 min Scan# 1124

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)MS

Tot Ion:216 Resp: 482820

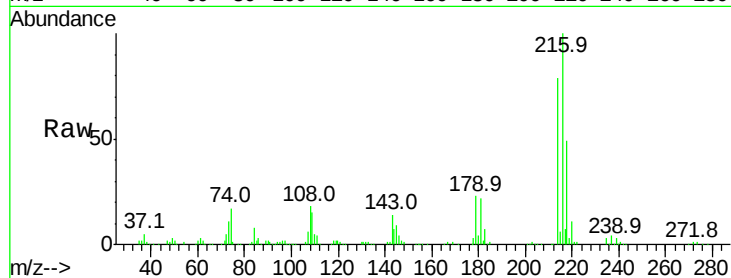
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 22.4 17.9 26.9

108 22.4 16.5 24.7

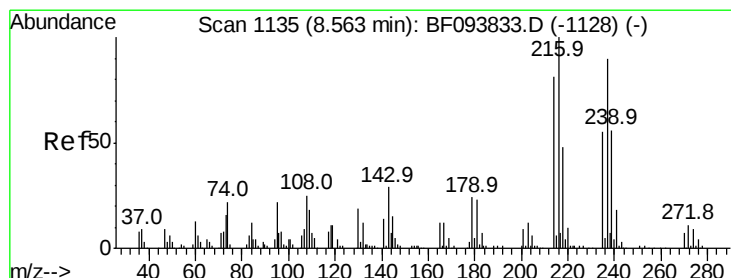
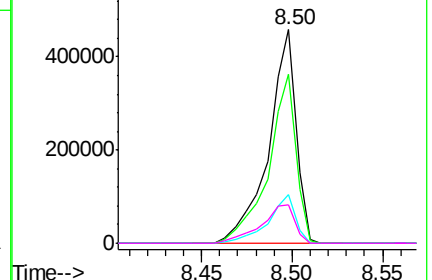
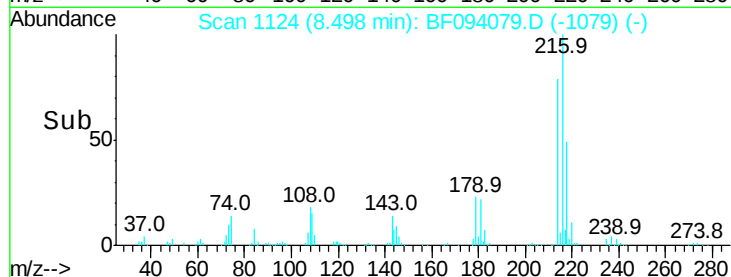


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 95.68 ng

RT: 8.49 min Scan# 1122

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

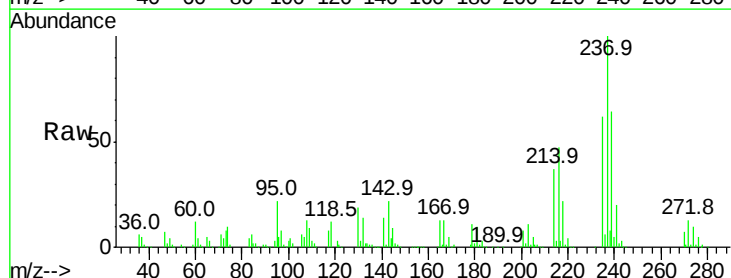
Tgt Ion:237 Resp: 448335

Ion Ratio Lower Upper

237 100

235 62.4 42.6 82.6

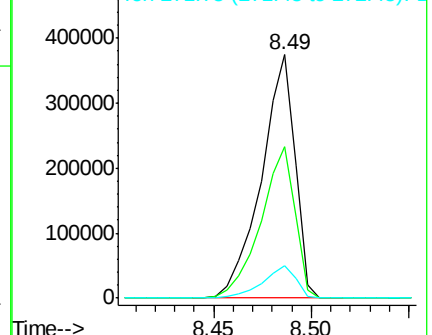
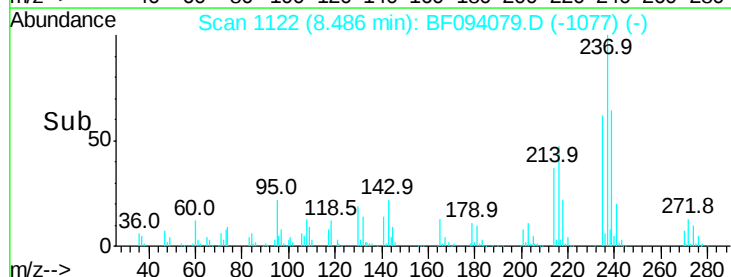
272 13.2 0.0 31.9

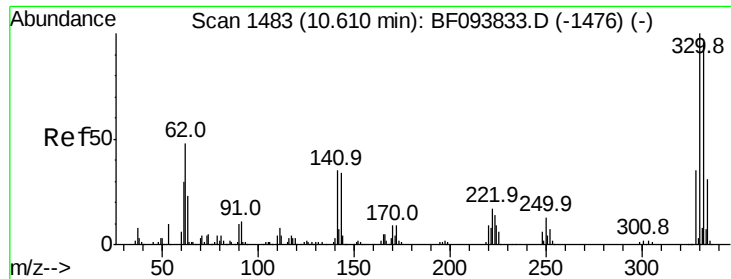


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

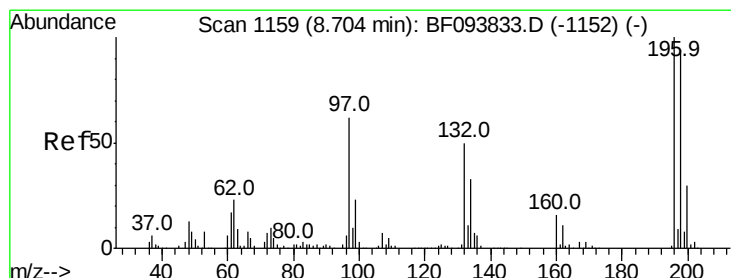
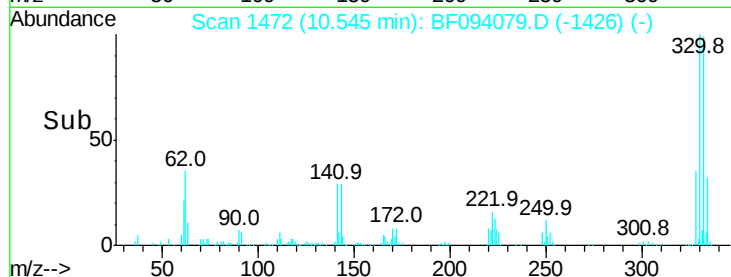
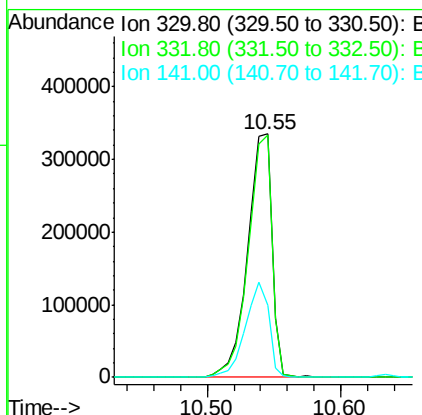
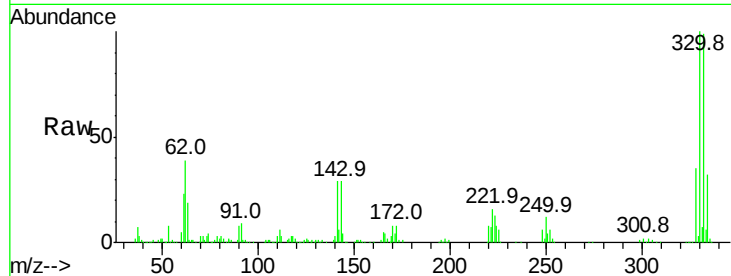




#41
 2,4,6-Tribromophenol
 Concen: 144.76 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

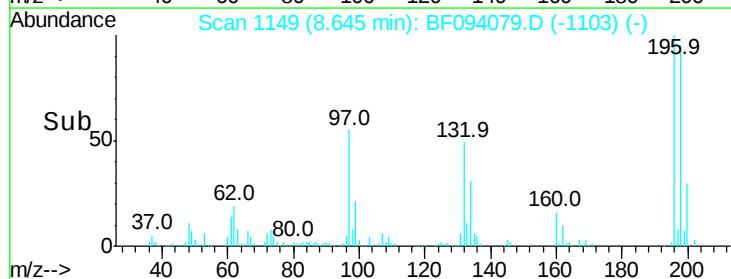
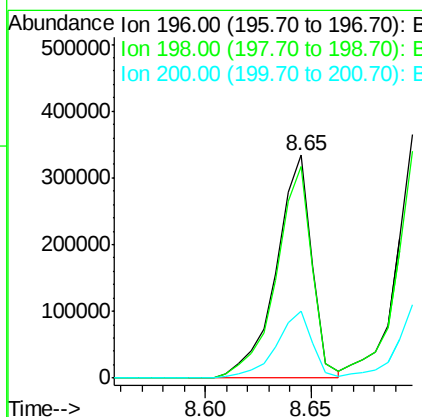
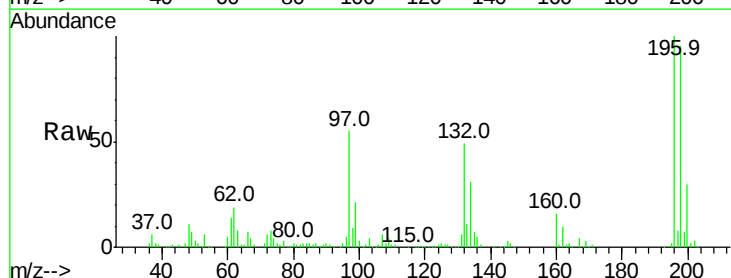
Instrument :
 BNA_F
 ClientSampleId :
 TP-2(10-10.5)MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	38.3	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 55.36 ng
 RT: 8.65 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.2	111.4
200	30.3	24.0	36.0

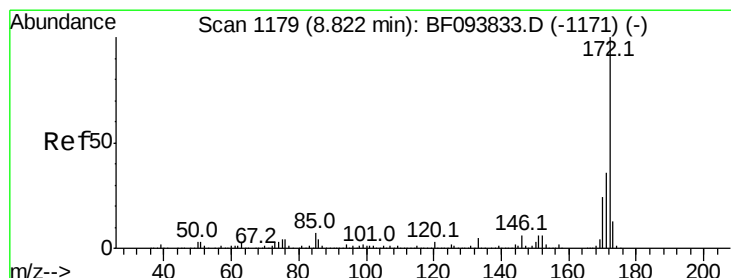
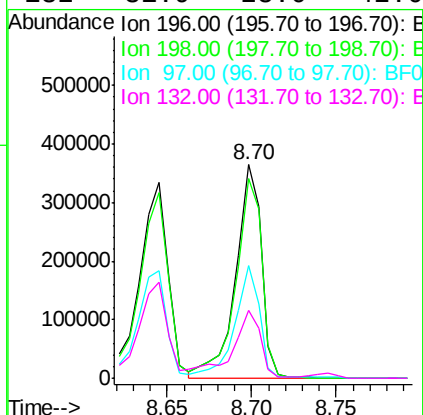
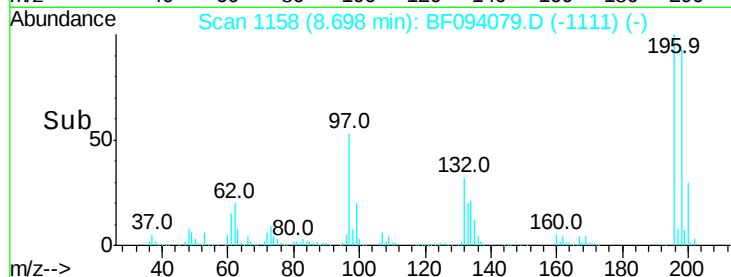
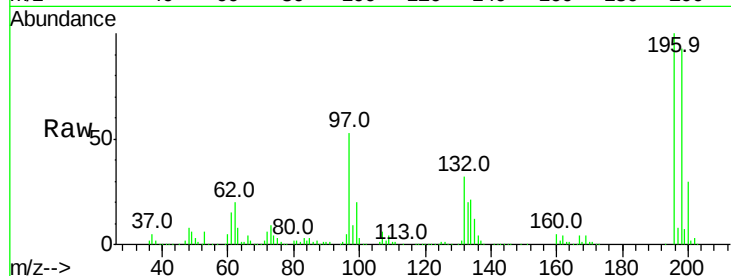




#43
 2,4,5-Trichlorophenol
 Concen: 50.48 ng
 RT: 8.70 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

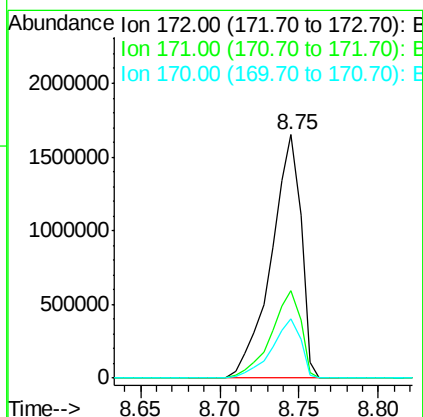
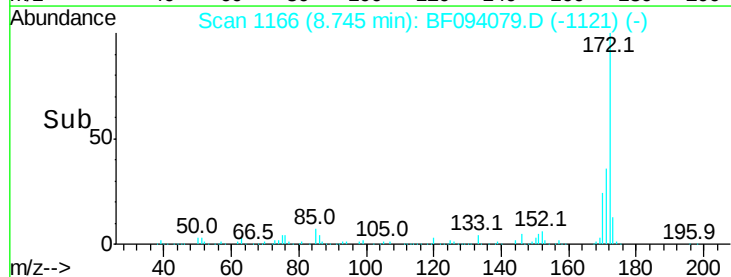
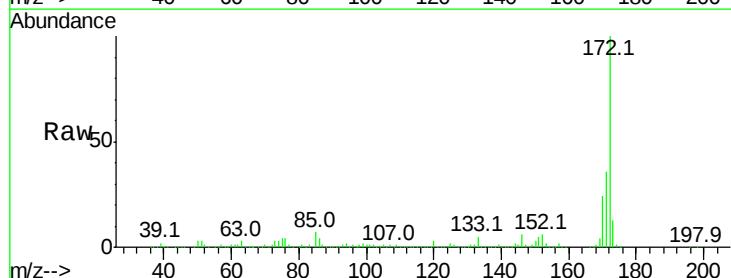
Instrument :
 BNA_F
 ClientSampleId :
 TP-2(10-10.5)MS

Tot Ion:	196	Resp:	386978
Ion	Ratio	Lower	Upper
196	100		
198	93.2	75.7	113.5
97	52.5	47.7	71.5
132	31.9	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 90.10 ng
 RT: 8.75 min Scan# 1166
 Delta R.T. -0.04 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

Tgt Ion:	172	Resp:	2162174
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.2	19.8	29.8

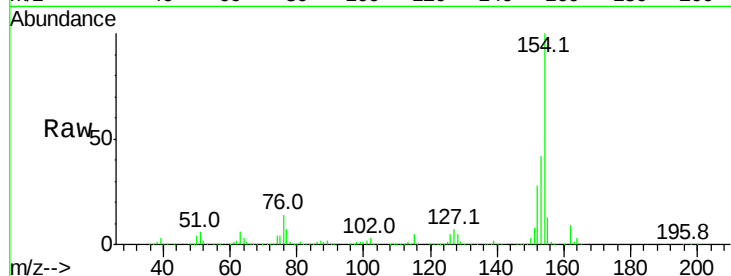




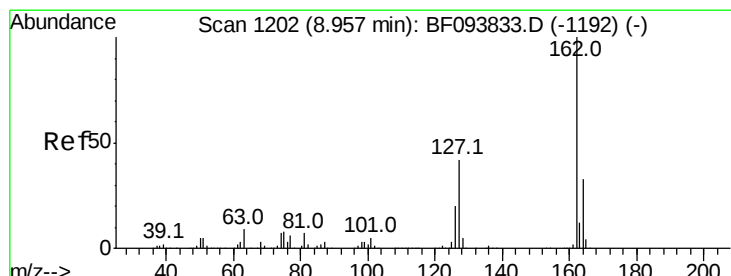
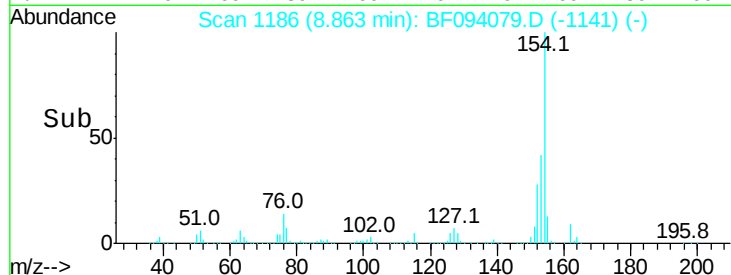
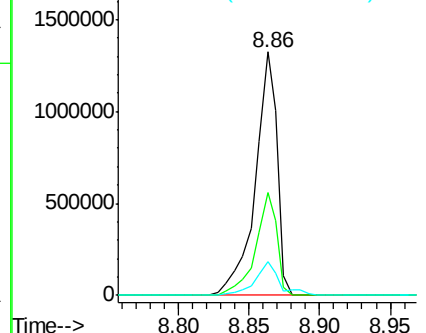
#45
 1,1'-Biphenyl
 Concen: 48.54 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.04 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-2(10-10.5)MS

Tot Ion:154 Resp: 1433112
 Ion Ratio Lower Upper
 154 100
 153 42.0 21.2 61.2
 76 13.6 0.0 29.9

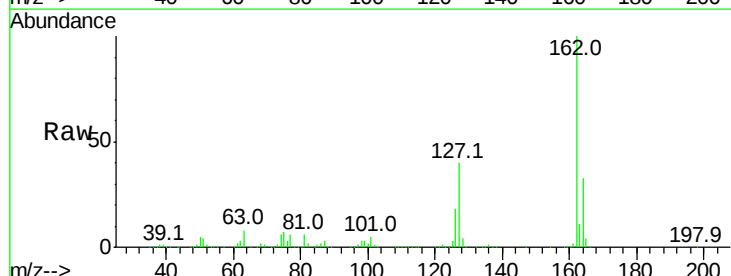


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

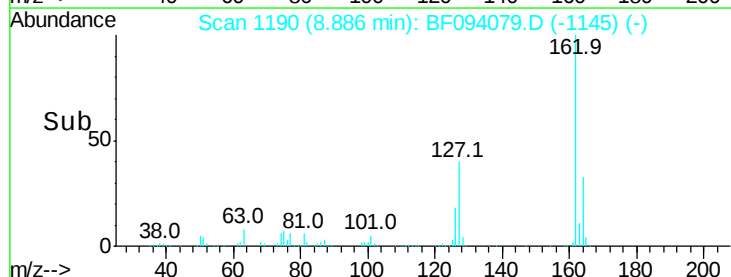
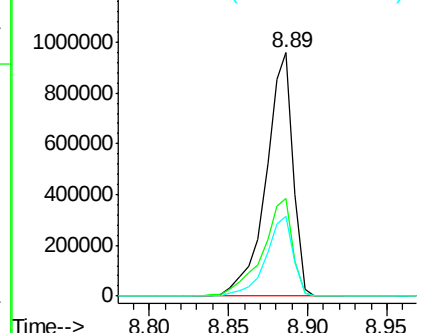


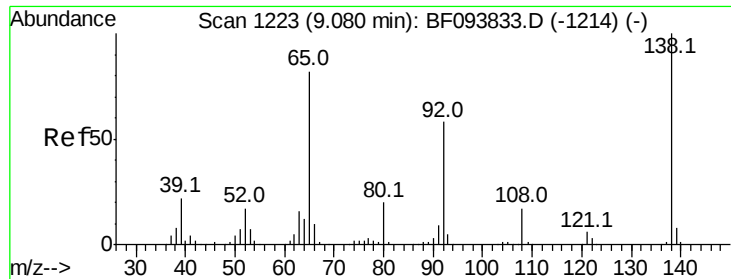
#46
 2-Chloronaphthalene
 Concen: 49.19 ng
 RT: 8.89 min Scan# 1190
 Delta R.T. -0.04 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

Tgt Ion:162 Resp: 1136800
 Ion Ratio Lower Upper
 162 100
 127 40.2 28.3 42.5
 164 32.9 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

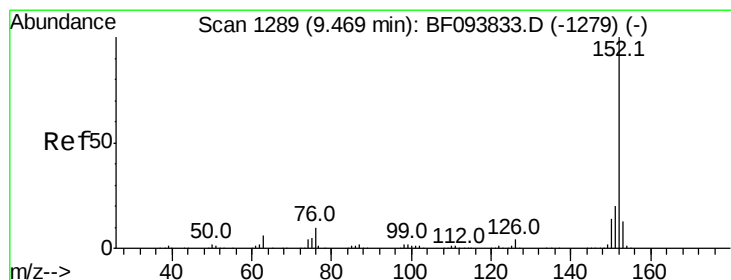
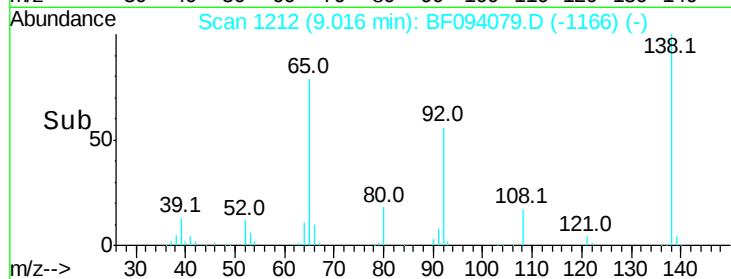
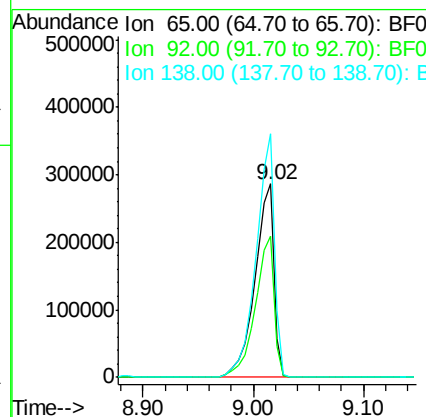
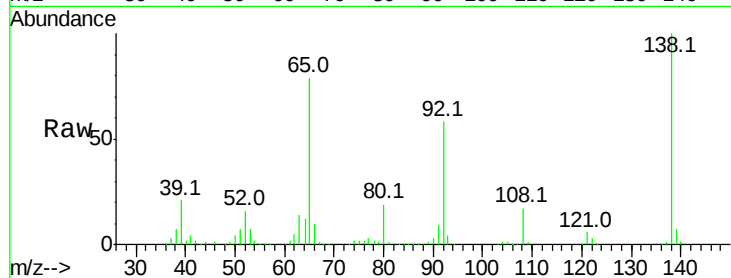




#47
 2-Nitroaniline
 Concen: 50.61 ng
 RT: 9.02 min Scan# 1212
 Delta R.T. -0.03 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

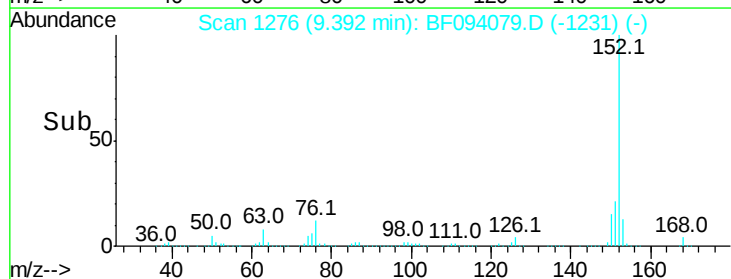
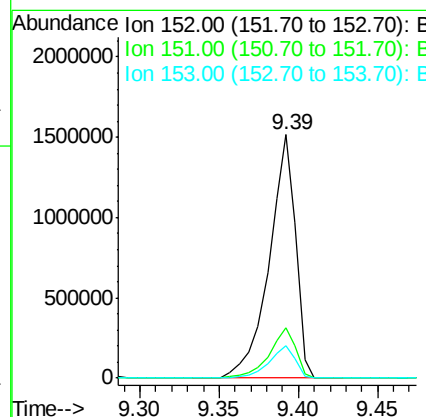
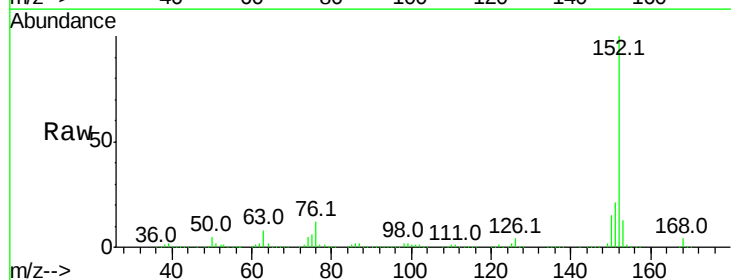
Instrument :
 BNA_F
 ClientSampleId :
 TP-2(10-10.5)MS

Tot Ion: 65 Resp: 346941
 Ion Ratio Lower Upper
 65 100
 92 72.9 53.9 80.9
 138 126.1 78.8 118.2#



#48
 Acenaphthylene
 Concen: 45.90 ng
 RT: 9.39 min Scan# 1276
 Delta R.T. -0.04 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

Tgt Ion: 152 Resp: 1762828
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 13.4 10.8 16.2





#49

Dimethylphthalate

Concen: 56.76 ng

RT: 9.26 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)MS

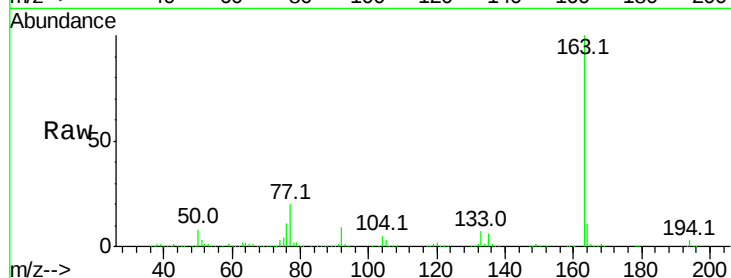
Tot Ion:163 Resp: 1476887

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

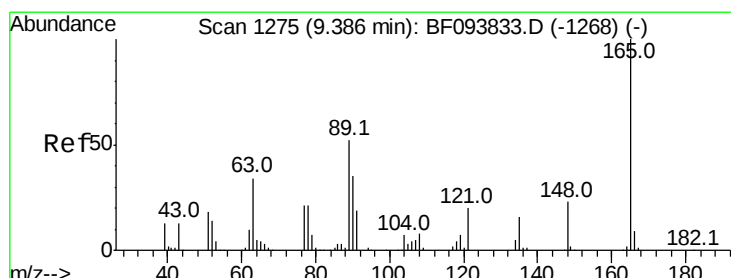
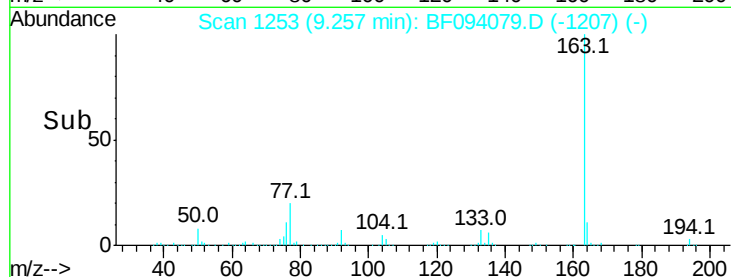
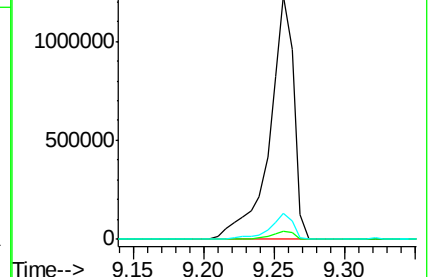
164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.30 ng

RT: 9.32 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

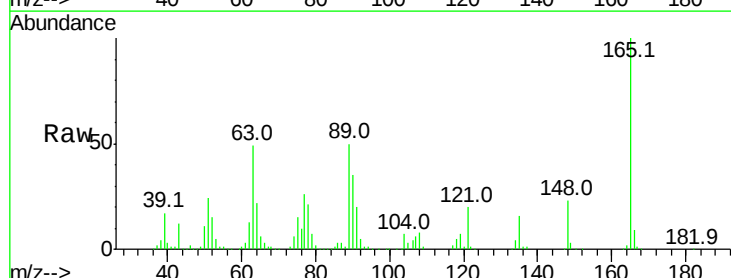
Tgt Ion:165 Resp: 311924

Ion Ratio Lower Upper

165 100

63 49.4 34.3 51.5

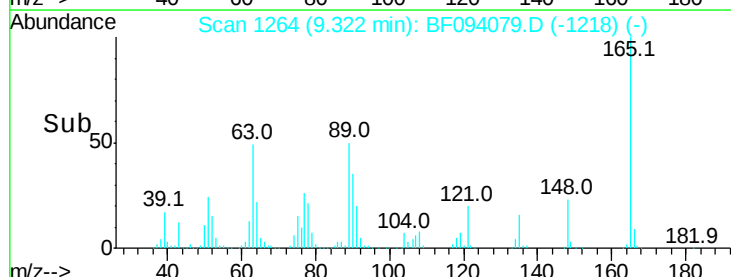
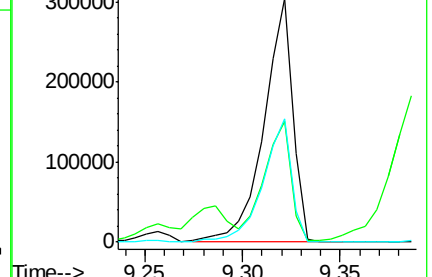
89 50.5 37.1 55.7

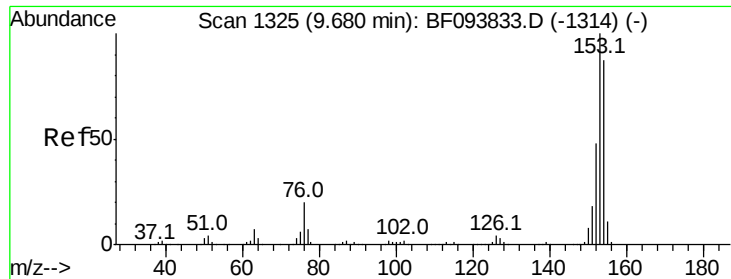


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.54 ng

RT: 9.60 min Scan# 1312

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)MS

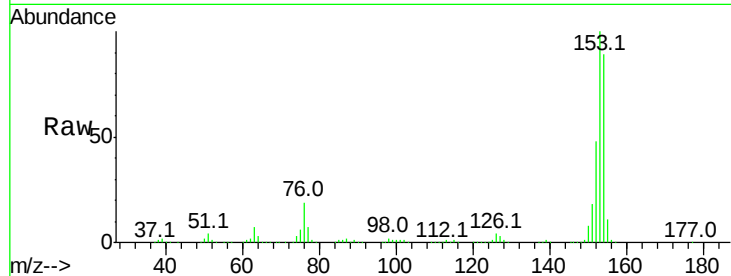
Tot Ion:154 Resp: 1065449

Ion Ratio Lower Upper

154 100

153 112.3 90.5 135.7

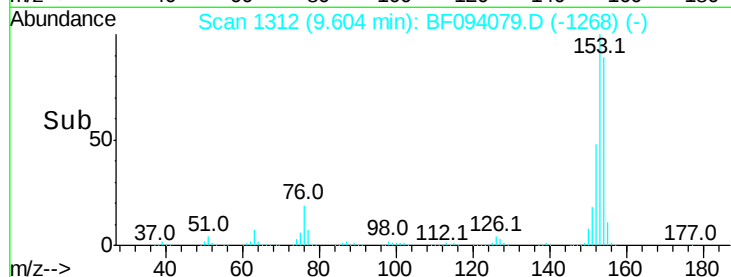
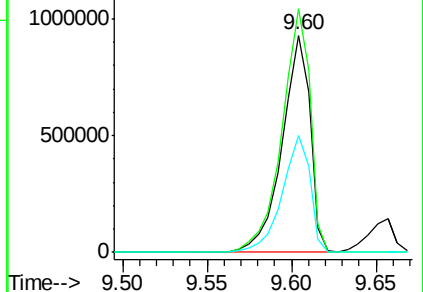
152 53.7 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.25 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

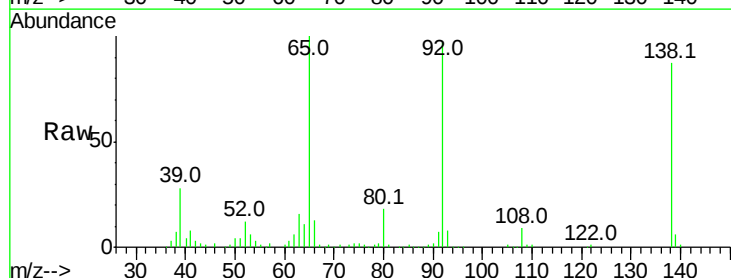
Tgt Ion:138 Resp: 169878

Ion Ratio Lower Upper

138 100

108 10.4 9.1 13.7

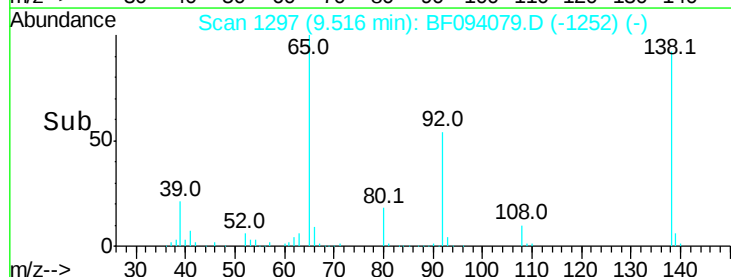
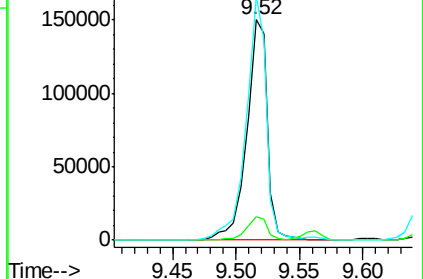
92 110.5 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

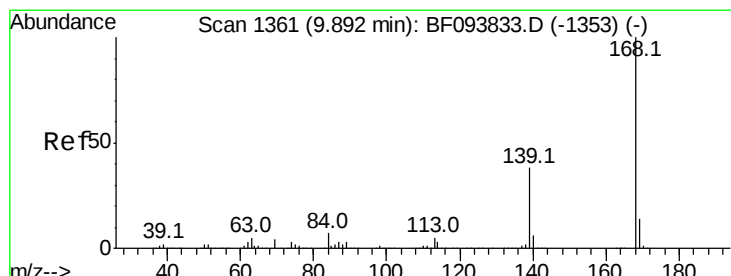
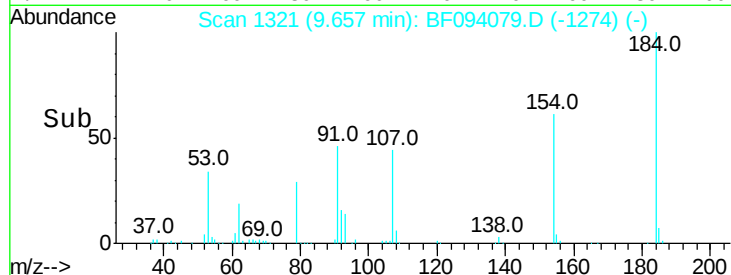
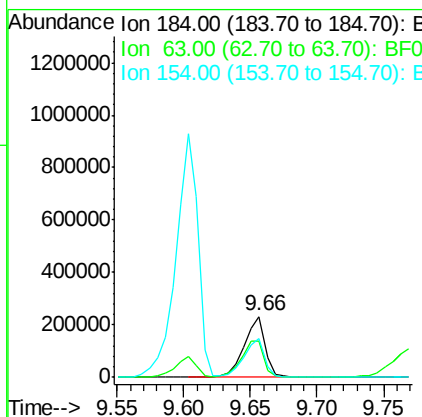
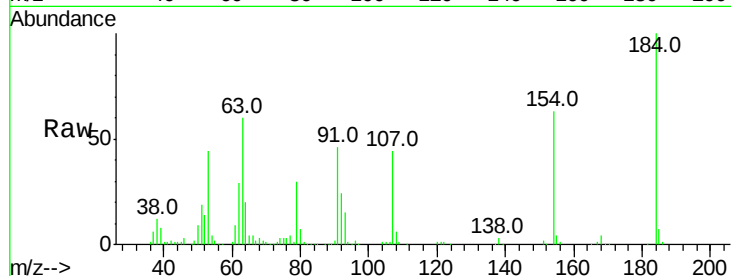




#53
 2,4-Dinitrophenol
 Concen: 79.19 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

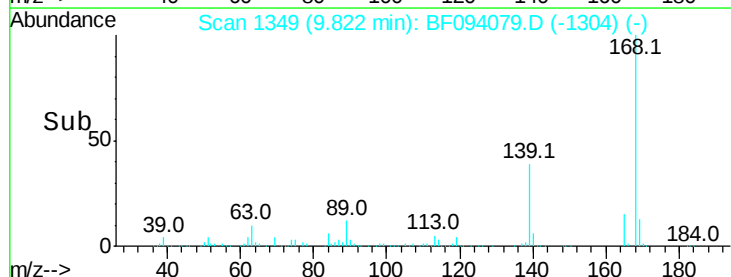
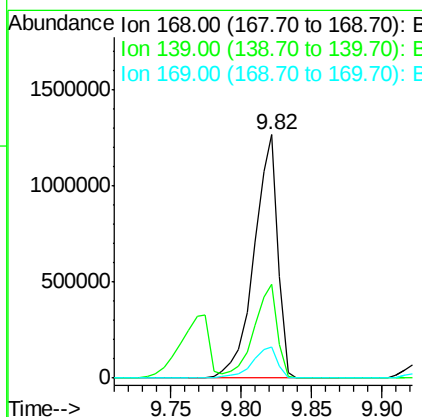
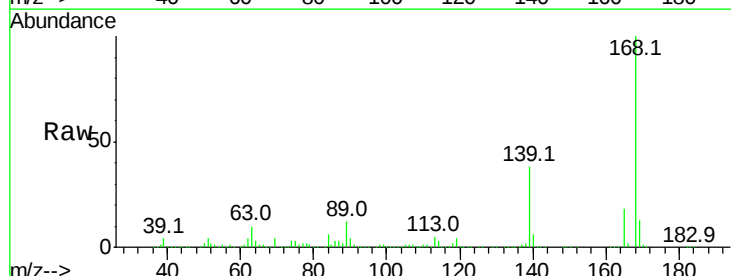
Instrument :
 BNA_F
 ClientSampleId :
 TP-2(10-10.5)MS

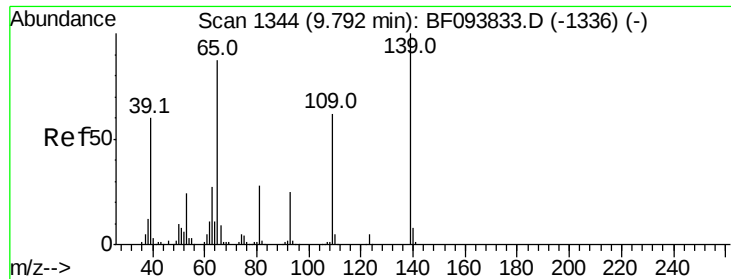
Tot Ion:184 Resp: 252610
 Ion Ratio Lower Upper
 184 100
 63 59.8 62.7 94.1#
 154 63.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 49.05 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. -0.04 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

Tgt Ion:168 Resp: 1496501
 Ion Ratio Lower Upper
 168 100
 139 38.5 30.6 45.8
 169 13.0 10.8 16.2

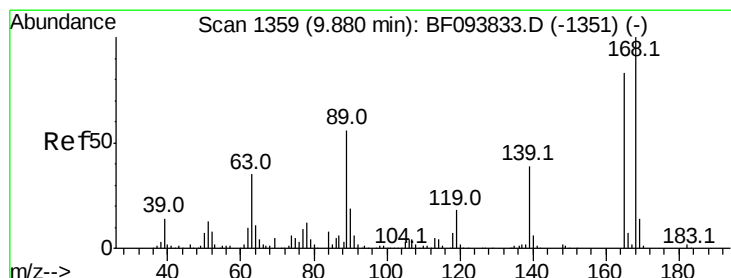
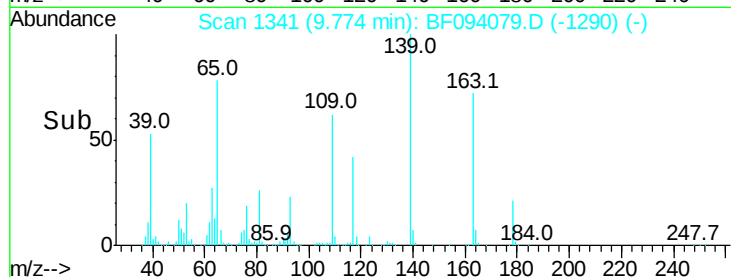
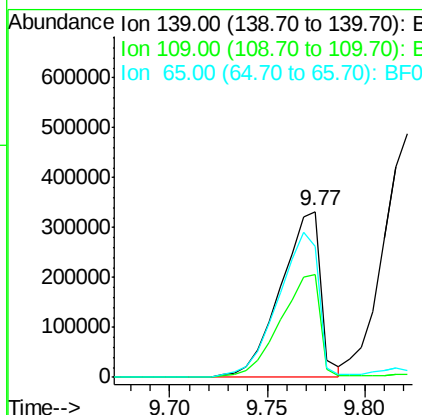
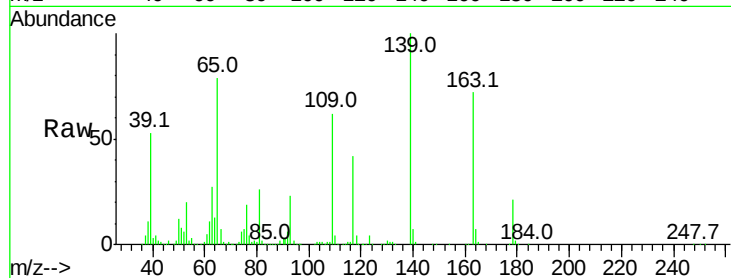




#55
4-Nitrophenol
Concen: 86.07 ng
RT: 9.77 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

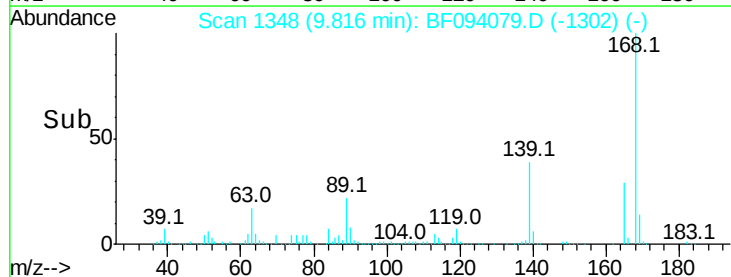
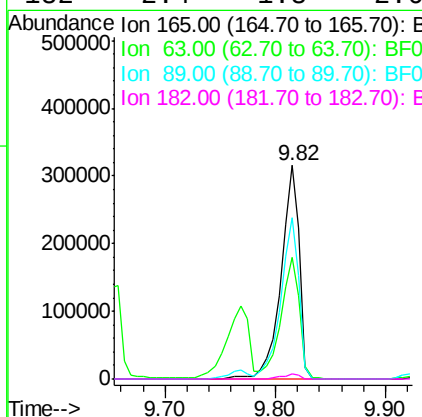
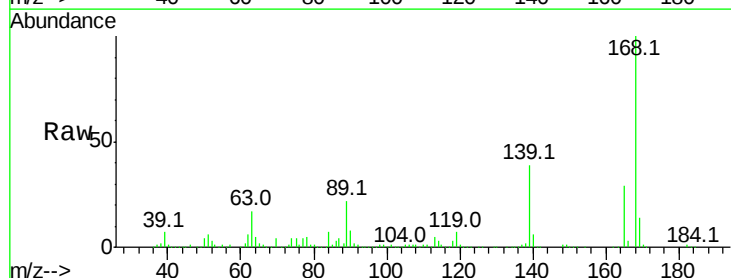
Instrument :
BNA_F
ClientSampleId :
TP-2(10-10.5)MS

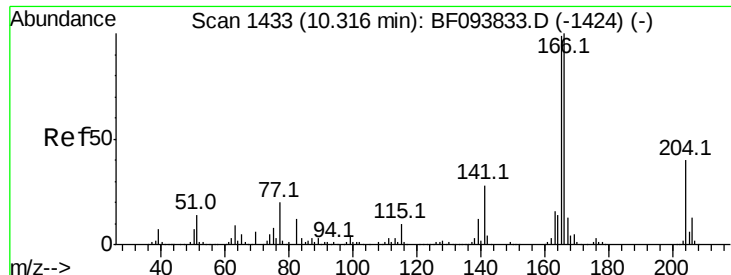
Tot Ion:139 Resp: 472070
Ion Ratio Lower Upper
139 100
109 62.0 34.1 74.1
65 78.9 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 48.59 ng
RT: 9.82 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Tgt Ion:165 Resp: 364091
Ion Ratio Lower Upper
165 100
63 56.8 25.4 38.0#
89 75.6 46.4 69.6#
182 2.4 1.8 2.6

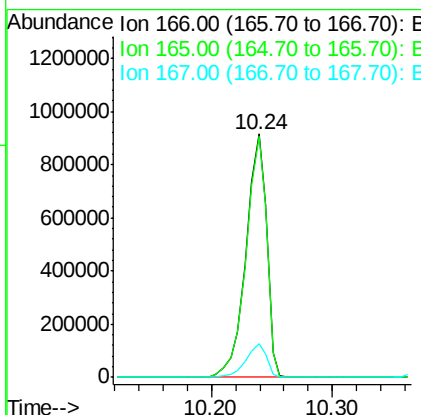
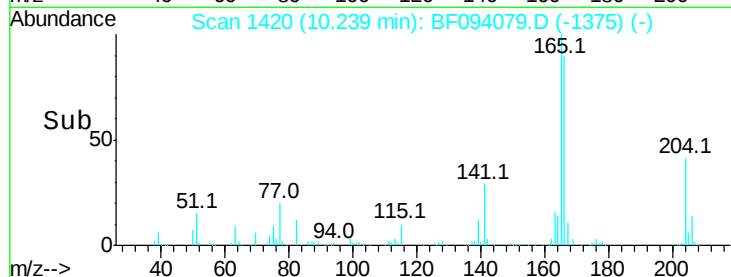
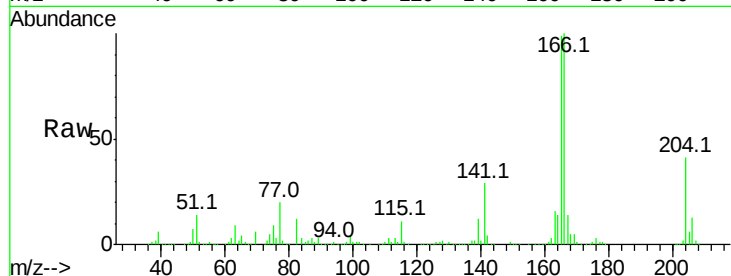




#57
 Fluorene
 Concen: 43.49 ng
 RT: 10.24 min Scan# 1420
 Delta R.T. -0.04 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

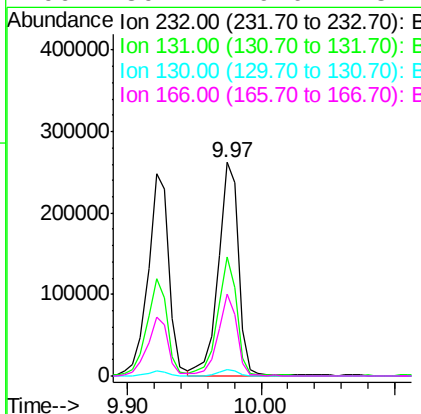
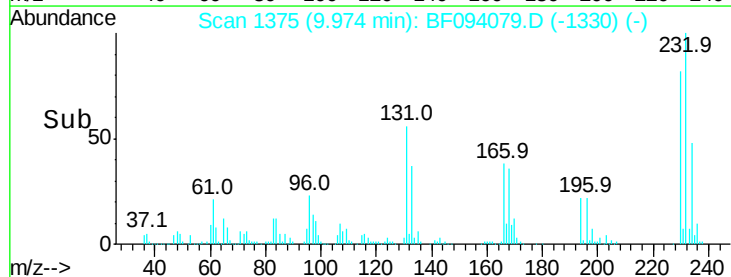
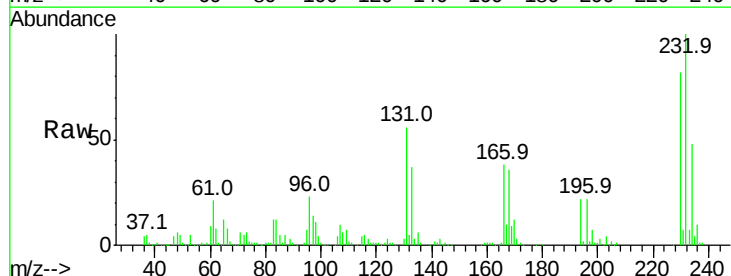
Instrument :
 BNA_F
 ClientSampleId :
 TP-2(10-10.5)MS

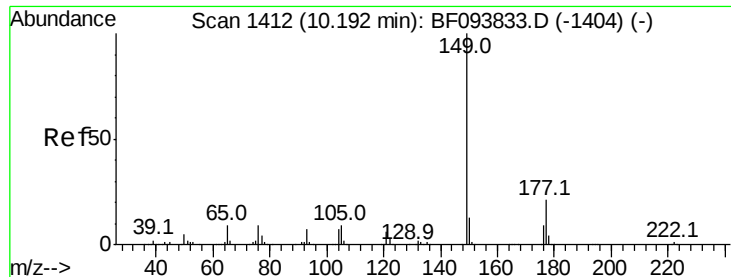
Tot Ion:166 Resp: 1100452
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.8 118.2
 167 13.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.38 ng
 RT: 9.97 min Scan# 1375
 Delta R.T. -0.04 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

Tgt Ion:232 Resp: 280742
 Ion Ratio Lower Upper
 232 100
 131 53.2 44.8 67.2
 130 2.6 2.3 3.5
 166 36.4 29.0 43.4

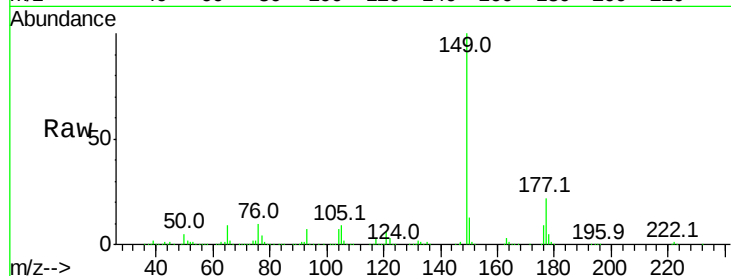




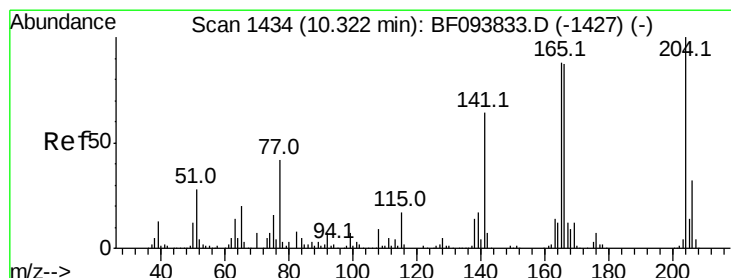
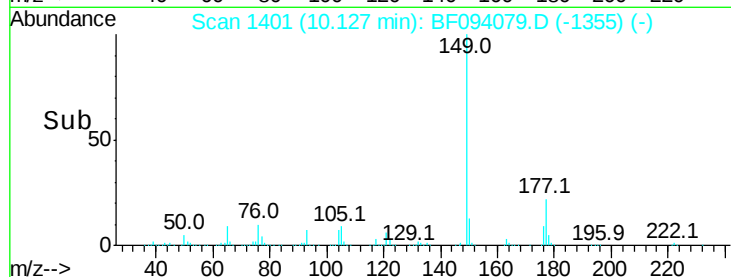
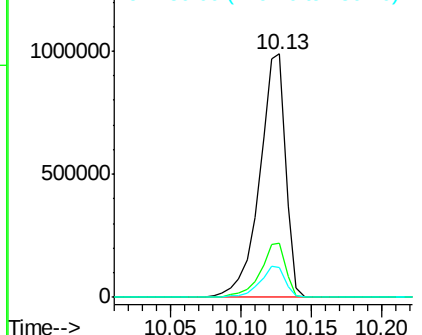
#59
Diethylphthalate
Concen: 49.94 ng
RT: 10.13 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Instrument :
BNA_F
ClientSampleId :
TP-2(10-10.5)MS

Tot Ion:149 Resp: 1284260
Ion Ratio Lower Upper
149 100
177 22.4 16.7 25.1
150 12.5 10.2 15.2

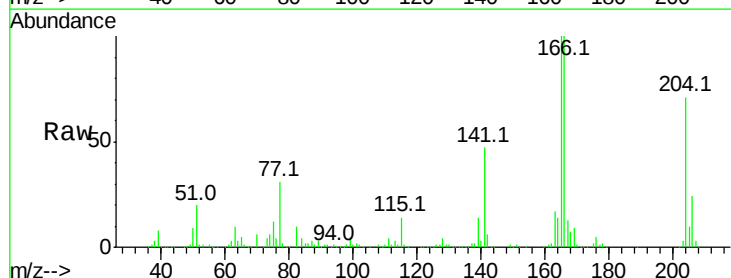


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

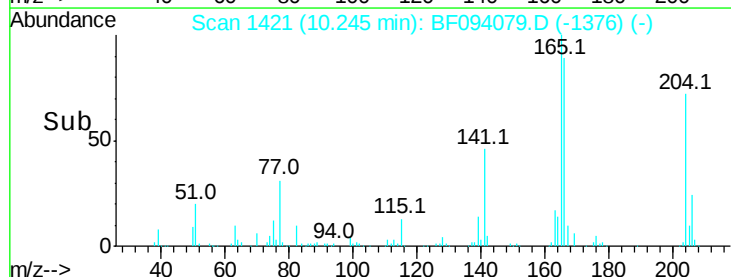
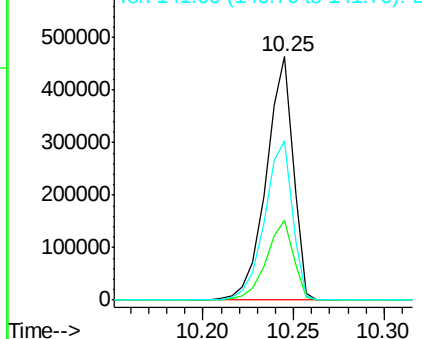


#60
4-Chlorophenyl-phenylether
Concen: 44.50 ng
RT: 10.25 min Scan# 1421
Delta R.T. -0.04 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Tgt Ion:204 Resp: 479681
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 65.5 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

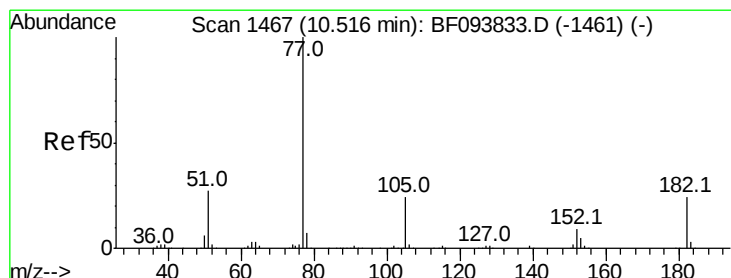
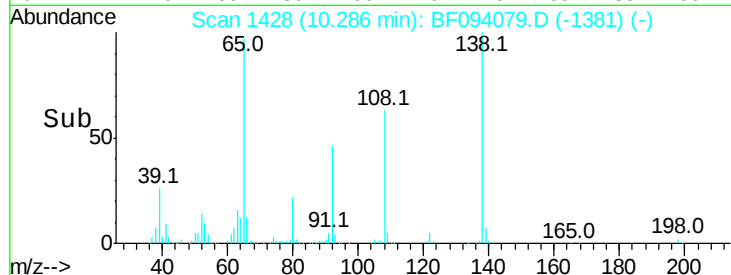
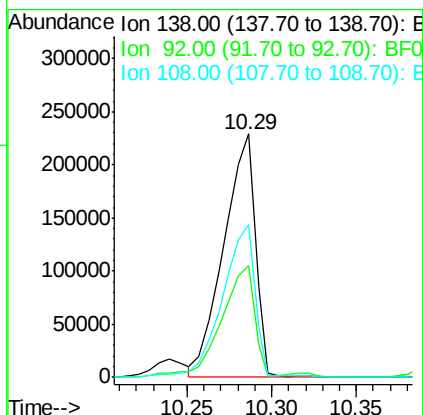
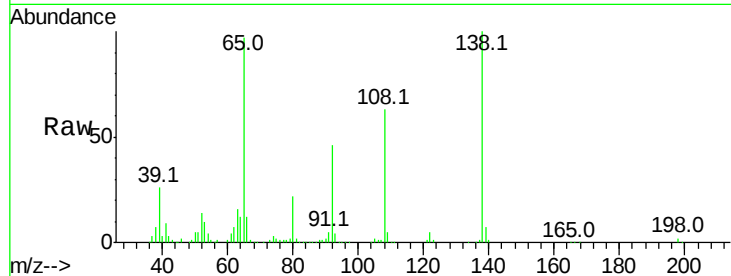




#61
4-Nitroaniline
Concen: 44.27 ng
RT: 10.29 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

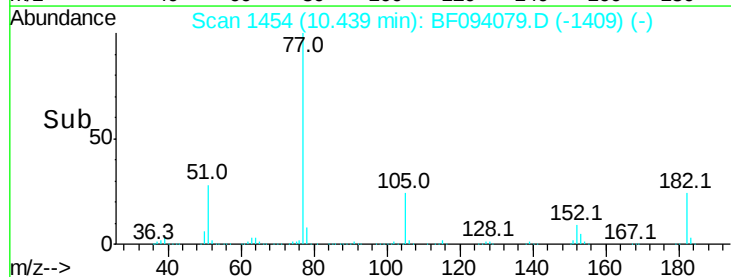
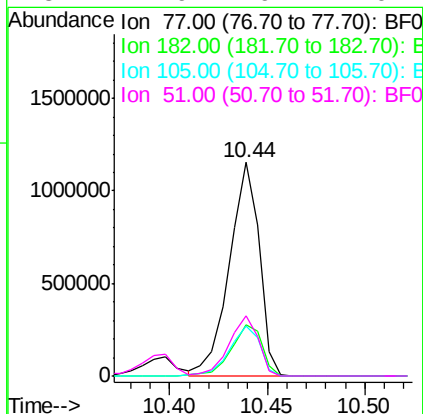
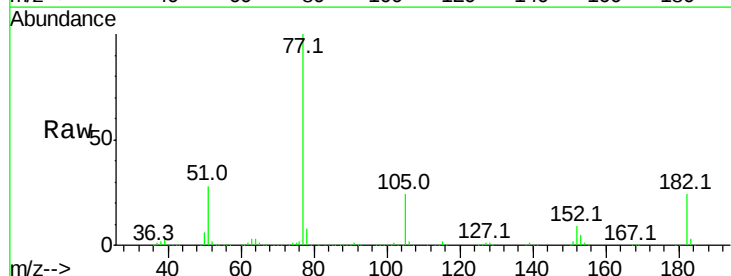
Instrument :
BNA_F
ClientSampleId :
TP-2(10-10.5)MS

Tot Ion:138 Resp: 297508
Ion Ratio Lower Upper
138 100
92 46.0 21.8 61.8
108 62.8 42.3 82.3



#62
Azobenzene
Concen: 50.41 ng
RT: 10.44 min Scan# 1454
Delta R.T. -0.04 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Tgt Ion: 77 Resp: 1226363
Ion Ratio Lower Upper
77 100
182 24.1 0.1 40.1
105 23.6 3.6 43.6
51 27.9 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 1615

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)MS

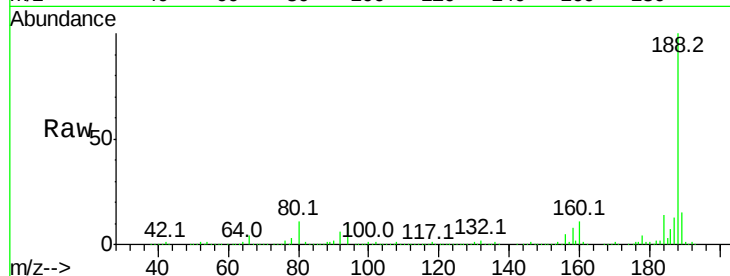
Tot Ion:188 Resp: 615235

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

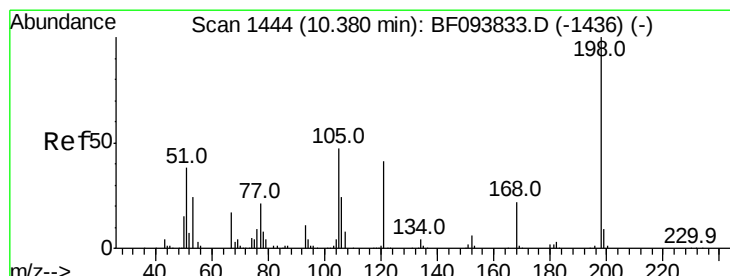
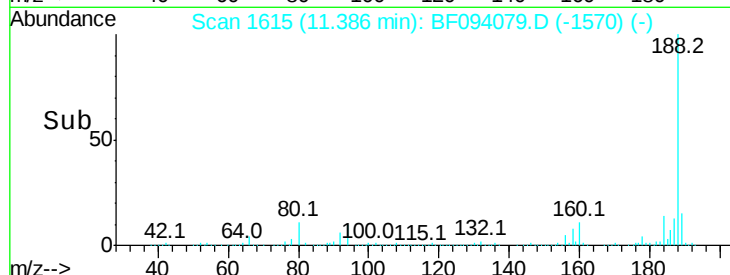
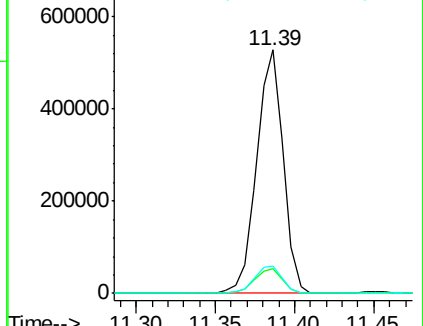
80 11.5 10.2 15.2



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: 54.76 ng

RT: 10.32 min Scan# 1434

Delta R.T. -0.03 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

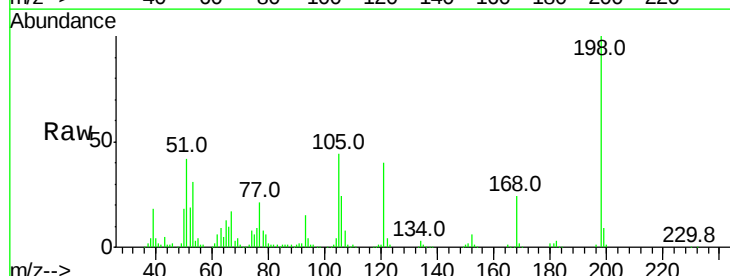
Tgt Ion:198 Resp: 206325

Ion Ratio Lower Upper

198 100

51 41.9 53.2 93.2#

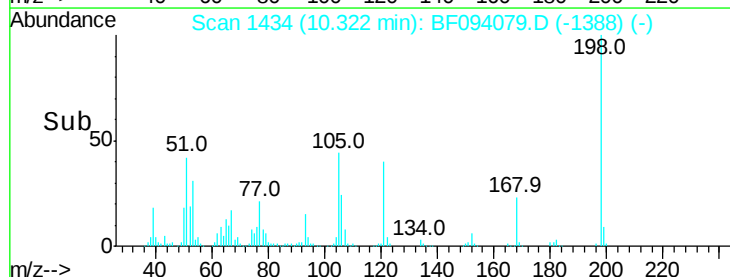
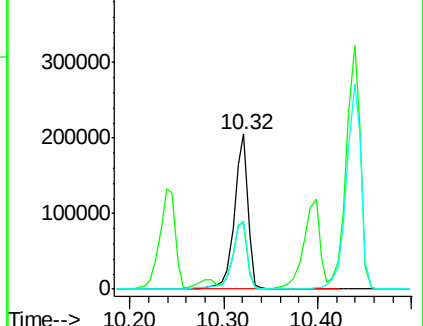
105 44.0 45.8 85.8#

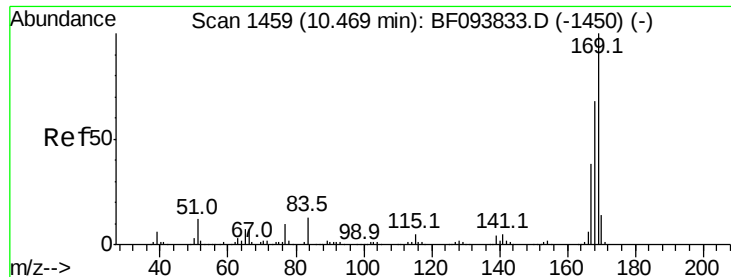


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.79 ng

RT: 10.40 min Scan# 1447

Delta R.T. -0.03 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)MS

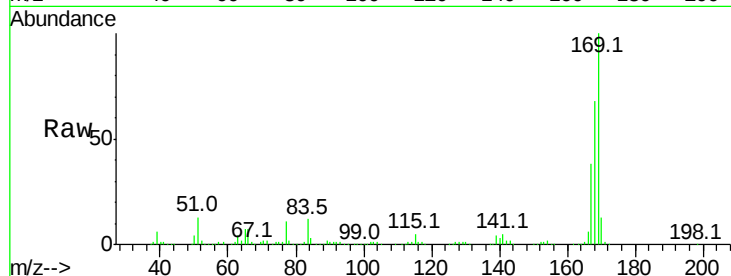
Tot Ion:169 Resp: 1080652

Ion Ratio Lower Upper

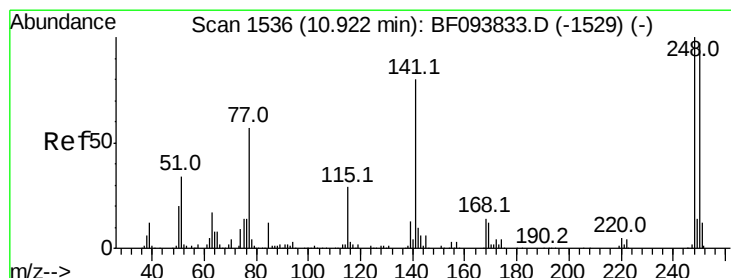
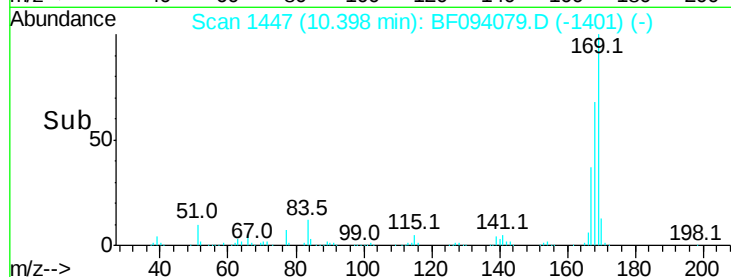
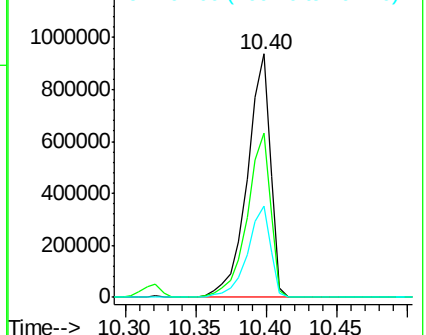
169 100

168 67.7 53.2 79.8

167 37.5 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.63 ng

RT: 10.85 min Scan# 1523

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

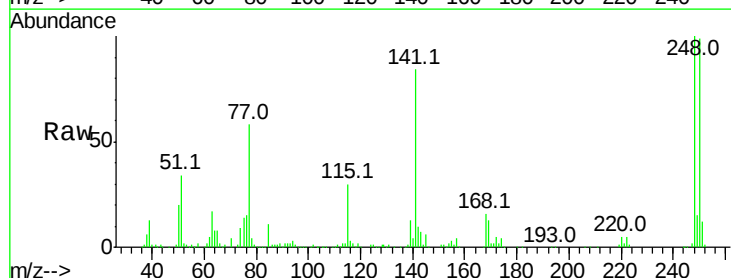
Tgt Ion:248 Resp: 312412

Ion Ratio Lower Upper

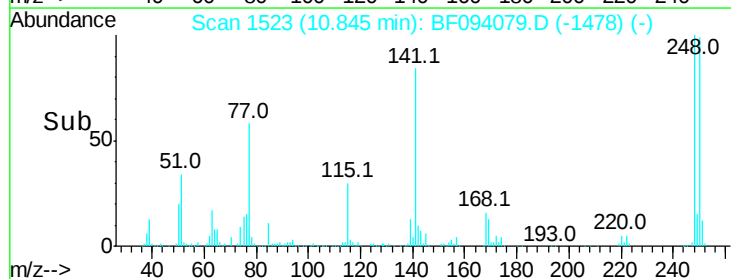
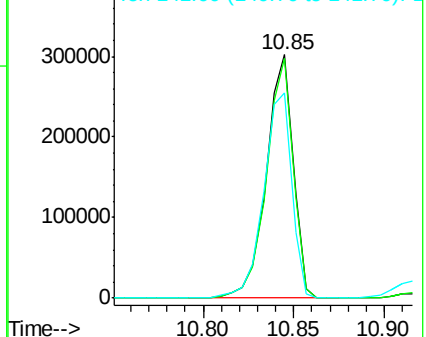
248 100

250 98.7 76.8 115.2

141 84.2 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

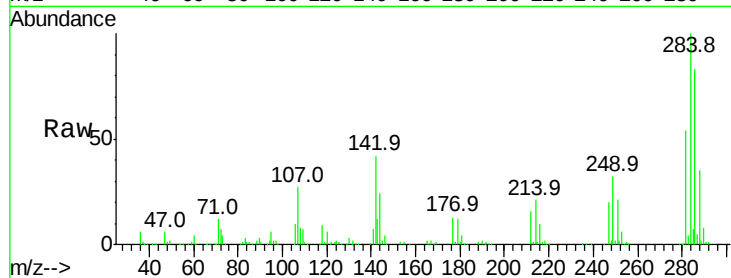




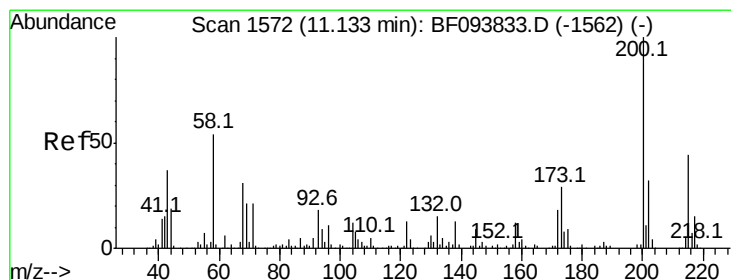
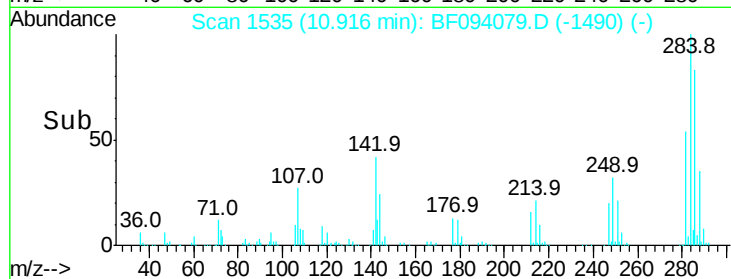
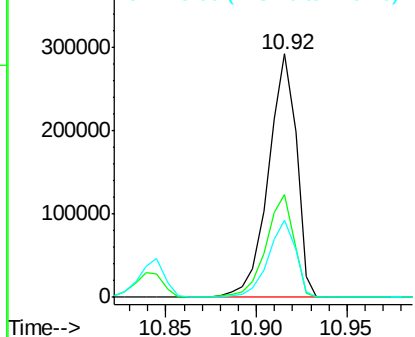
#67
Hexachlorobenzene
Concen: 51.32 ng
RT: 10.92 min Scan# 1535
Delta R.T. -0.04 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Instrument :
BNA_F
ClientSampleId :
TP-2(10-10.5)MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	42.2	22.8	34.2#
249	31.7	24.0	36.0

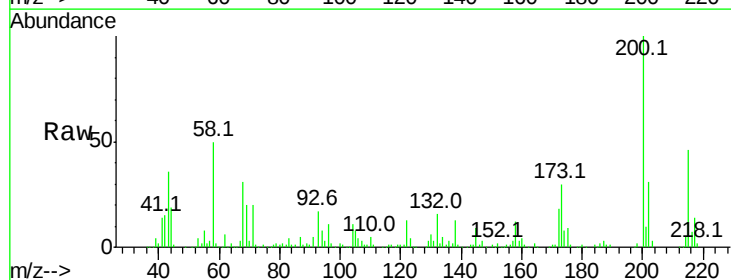


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

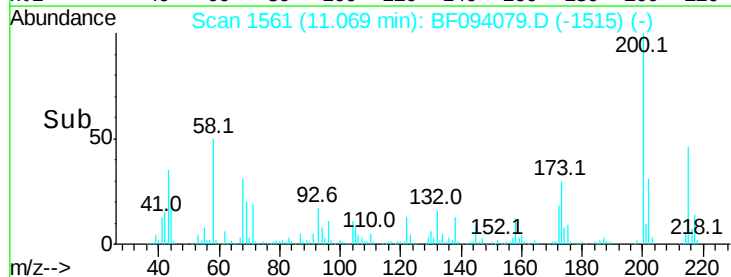
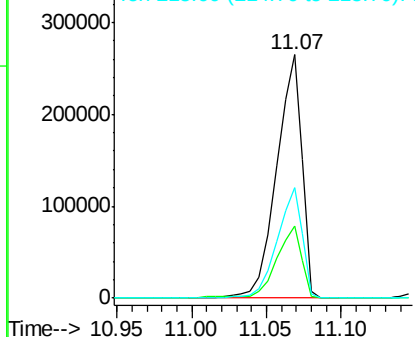


#68
Atrazine
Concen: 49.43 ng
RT: 11.07 min Scan# 1561
Delta R.T. -0.03 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.8	6.3	46.3
215	45.6	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

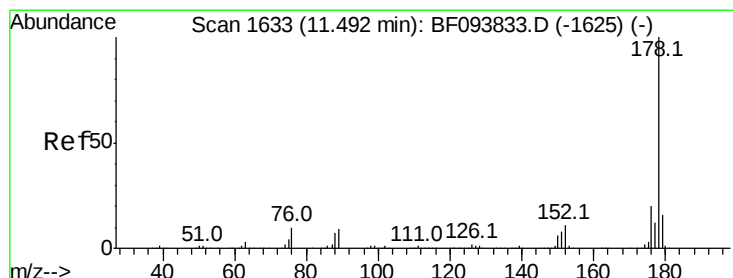
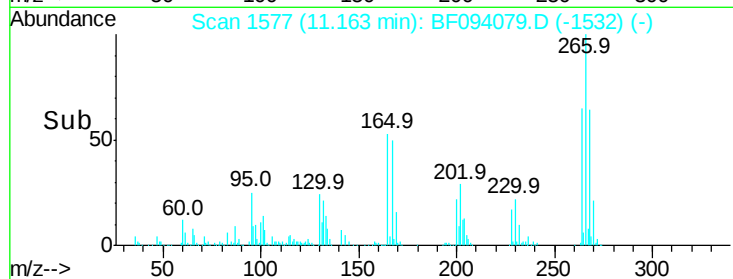
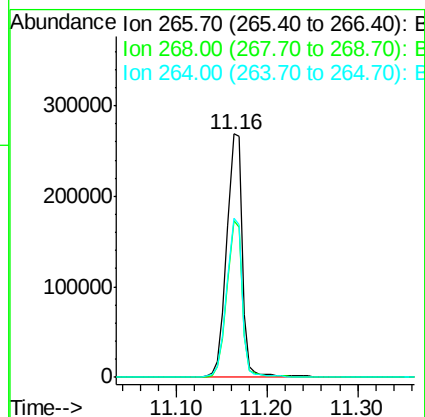
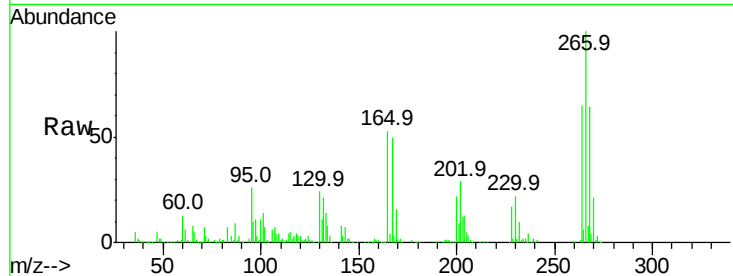




#69
 Pentachlorophenol
 Concen: 84.50 ng
 RT: 11.16 min Scan# 1577
 Delta R.T. -0.04 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

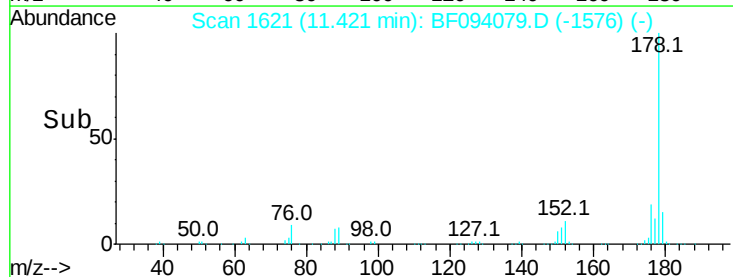
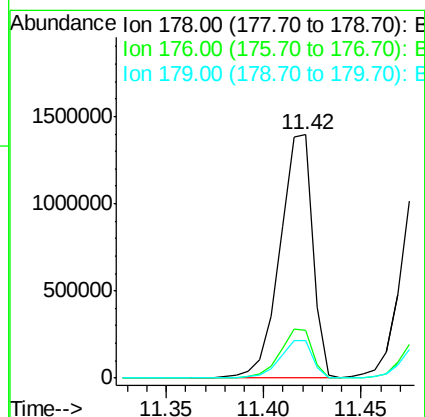
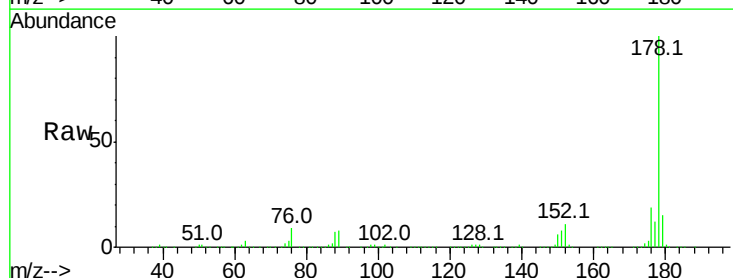
Instrument :
 BNA_F
 ClientSampleId :
 TP-2(10-10.5)MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	65.3	51.7	77.5



#70
 Phenanthrene
 Concen: 47.39 ng
 RT: 11.42 min Scan# 1621
 Delta R.T. -0.04 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

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

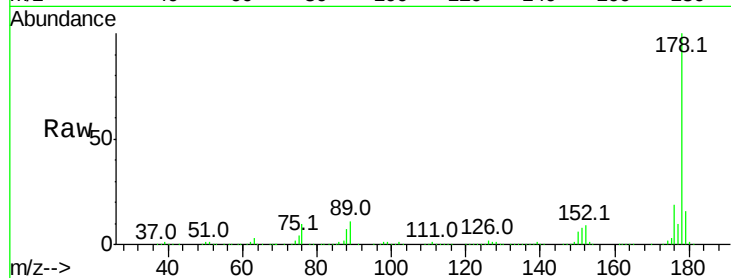




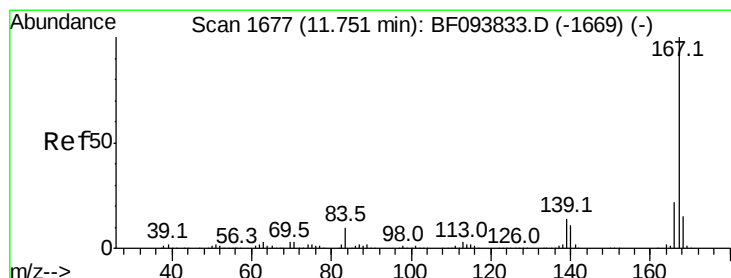
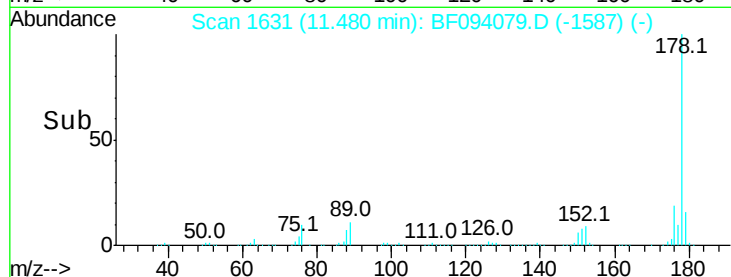
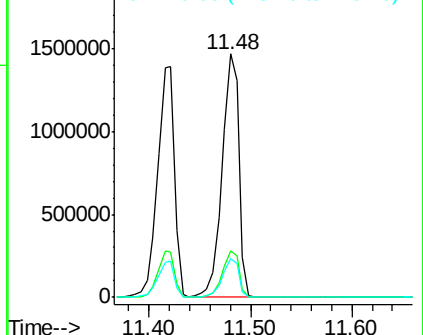
#71
 Anthracene
 Concen: 47.88 ng
 RT: 11.48 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-2(10-10.5)MS

Tot Ion:178 Resp: 1687278
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 16.1 12.7 19.1

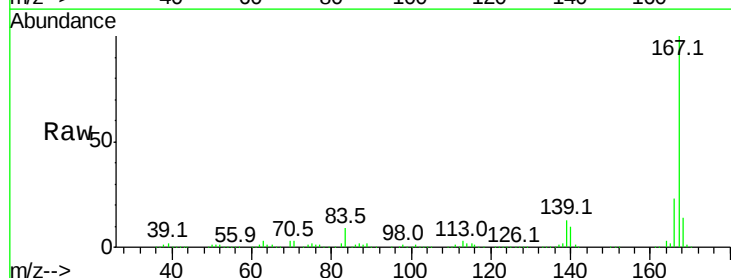


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

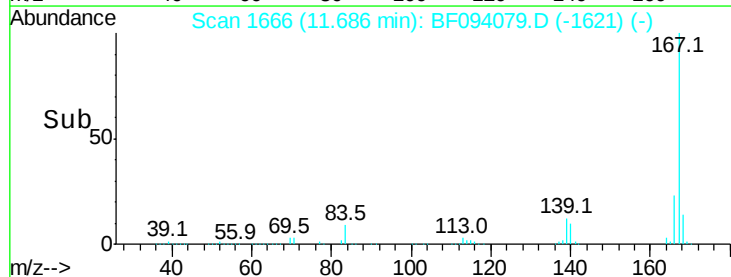
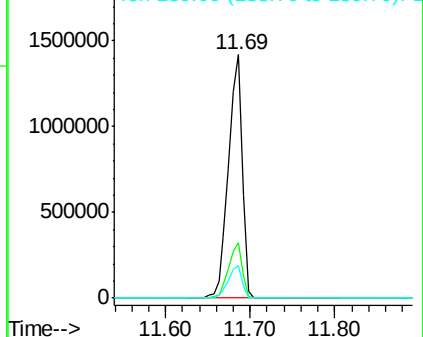


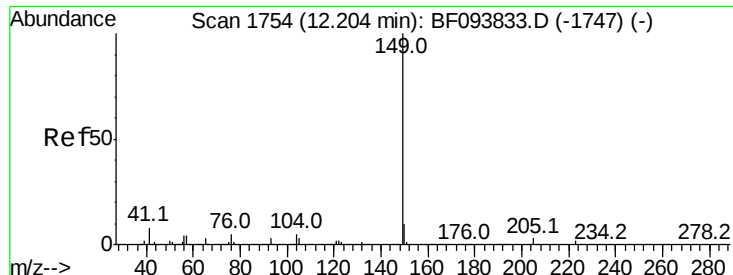
#72
 Carbazole
 Concen: 44.36 ng
 RT: 11.69 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

Tgt Ion:167 Resp: 1603016
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 13.5 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

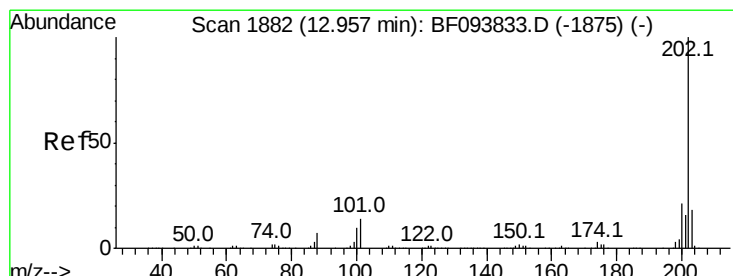
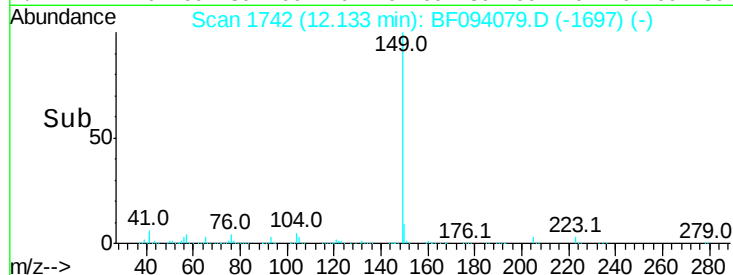
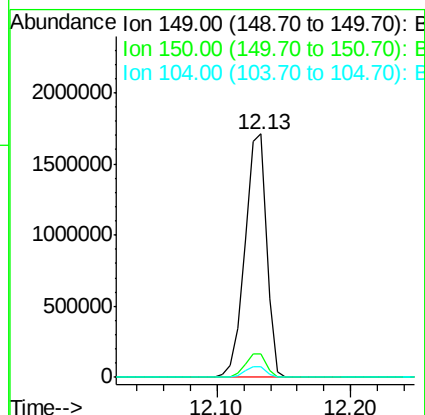
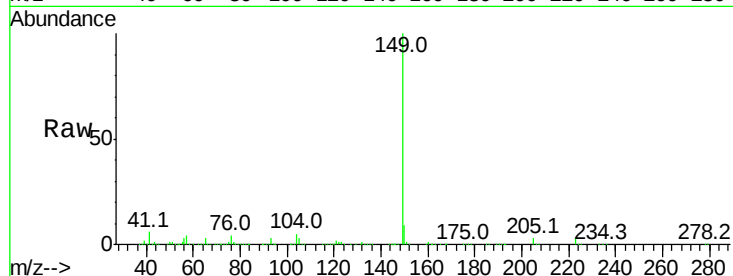




#73
Di-n-butylphthalate
Concen: 50.59 ng
RT: 12.13 min Scan# 1742
Delta R.T. -0.04 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

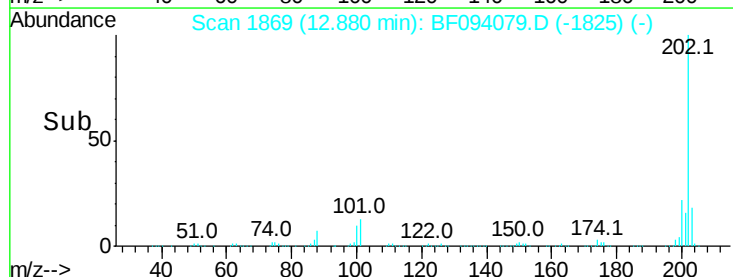
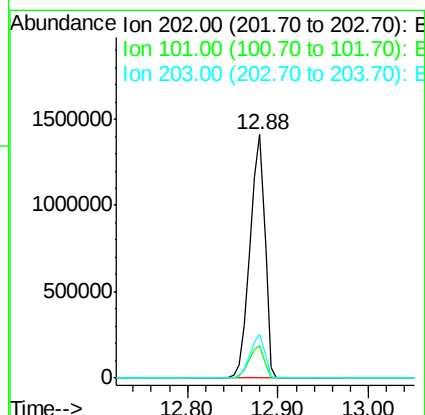
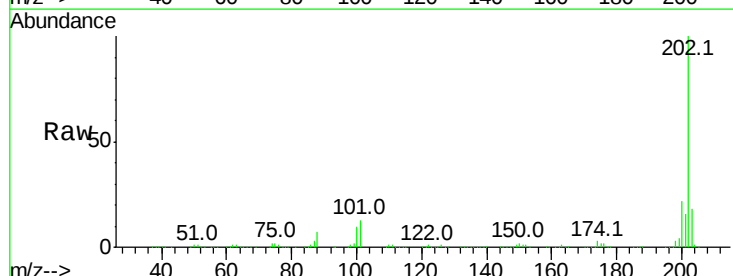
Instrument :
BNA_F
ClientSampleId :
TP-2(10-10.5)MS

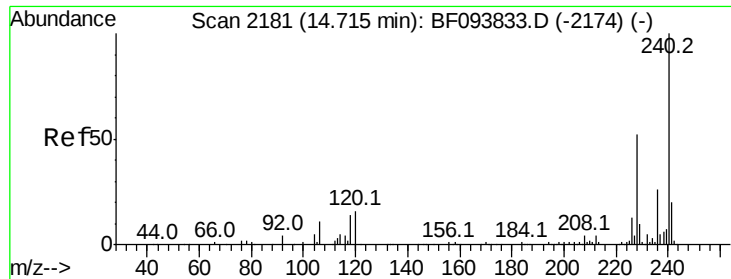
Tot Ion:149 Resp: 1901261
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.6 4.0 6.0



#74
Fluoranthene
Concen: 45.82 ng
RT: 12.88 min Scan# 1869
Delta R.T. -0.04 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Tgt Ion:202 Resp: 1605736
Ion Ratio Lower Upper
202 100
101 13.5 0.0 33.2
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.64 min Scan# 2168

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)MS

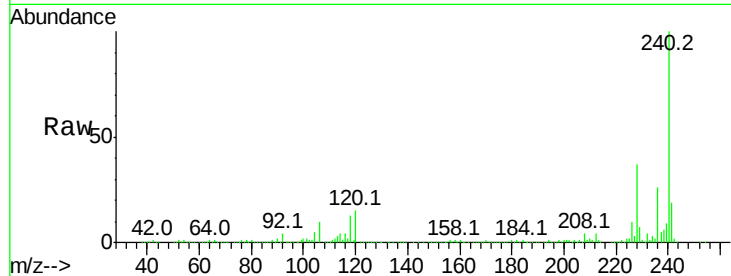
Tot Ion:240 Resp: 413687

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

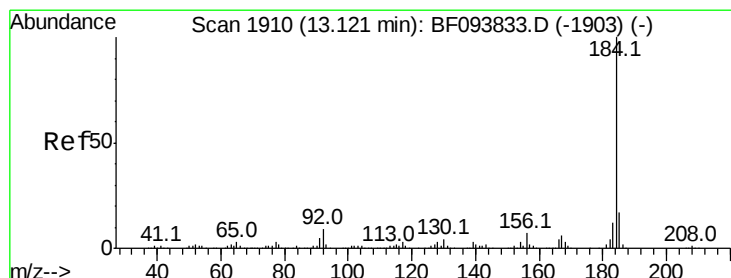
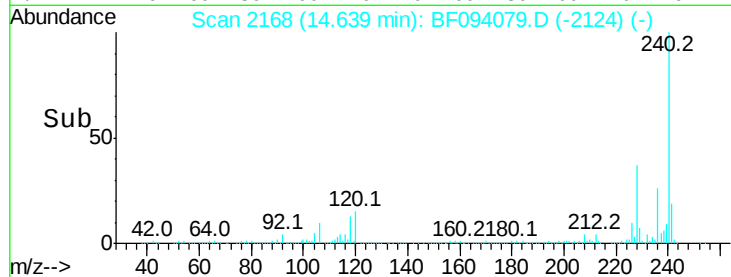
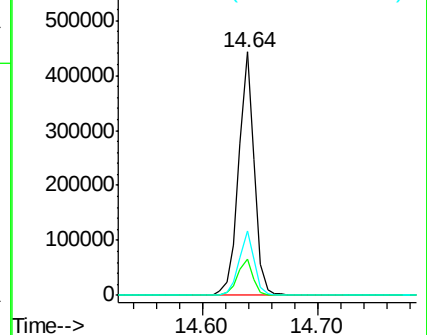
236 26.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.55 ng

RT: 13.04 min Scan# 1897

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

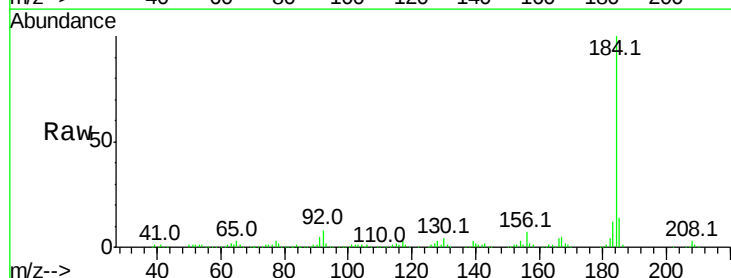
Tgt Ion:184 Resp: 320040

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

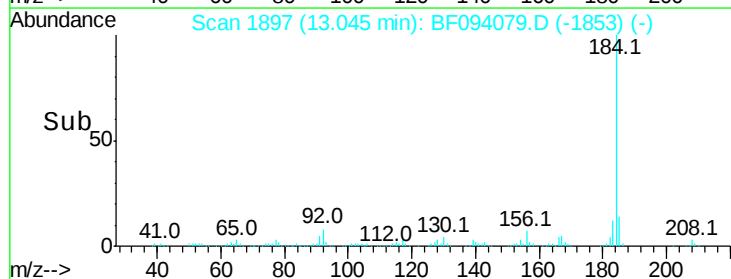
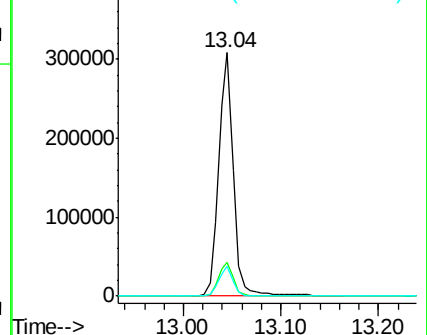
183 12.0 9.8 14.6

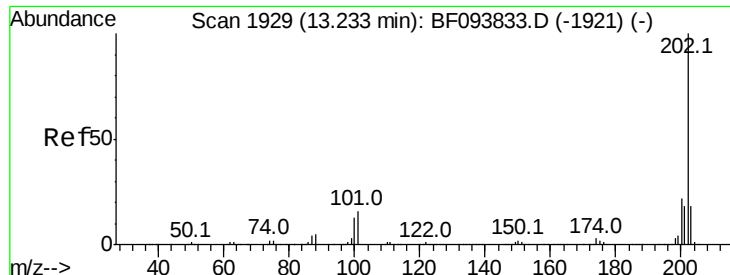


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

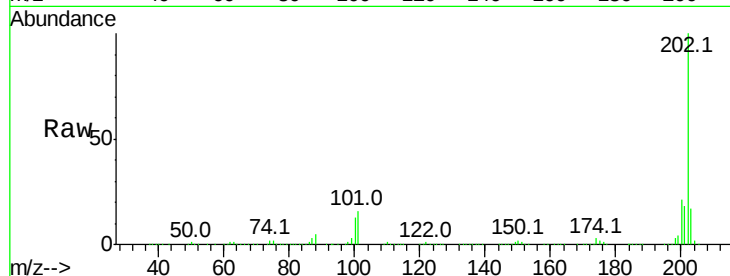




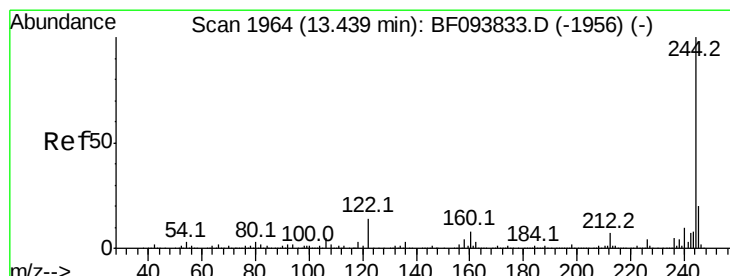
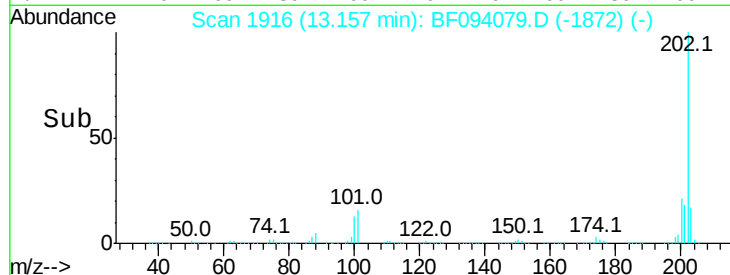
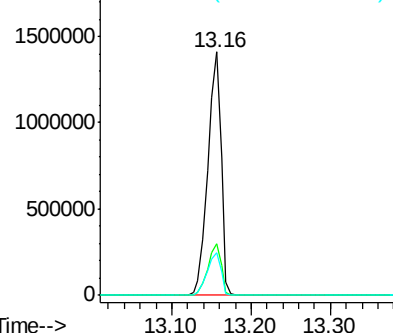
#77
Pvrene
Concen: 54.31 ng
RT: 13.16 min Scan# 1916
Delta R.T. -0.04 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Instrument :
BNA_F
ClientSampleId :
TP-2(10-10.5)MS

Tot Ion:202 Resp: 1630603
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 17.4 14.4 21.6

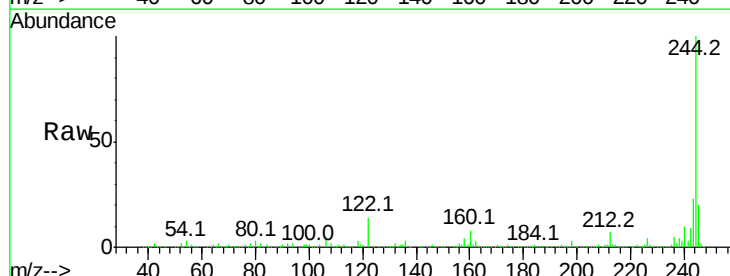


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

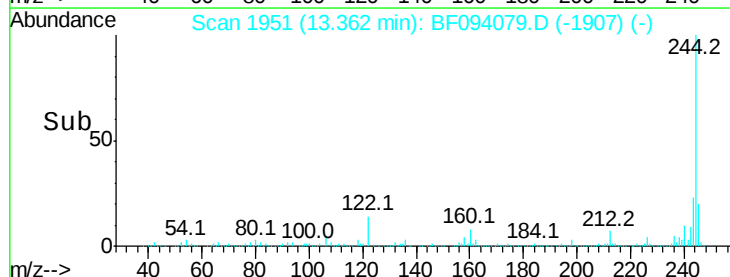
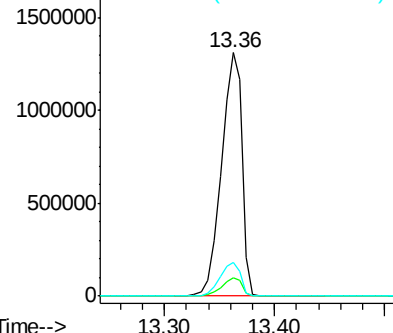


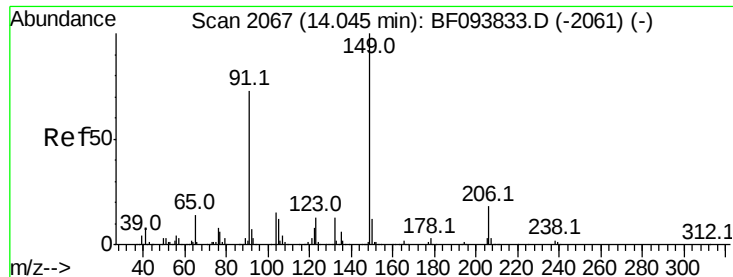
#78
Terphenyl-d14
Concen: 92.50 ng
RT: 13.36 min Scan# 1951
Delta R.T. -0.04 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Tgt Ion:244 Resp: 1707083
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 13.9 10.3 15.5



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

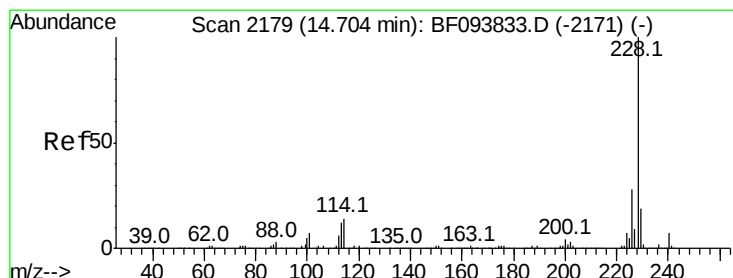
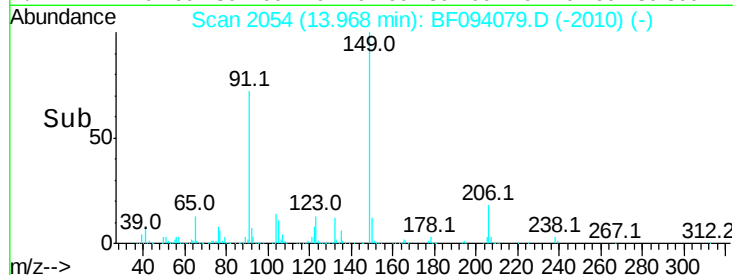
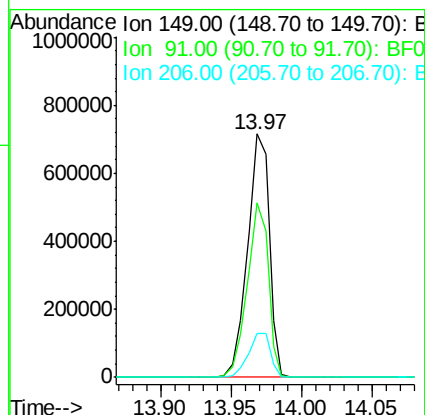
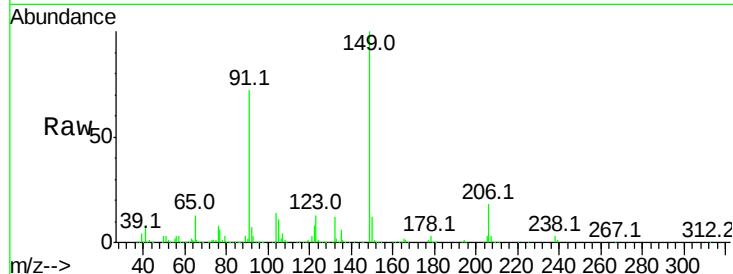




#79
Butylbenzylphthalate
Concen: 60.58 ng
RT: 13.97 min Scan# 2054
Delta R.T. -0.04 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

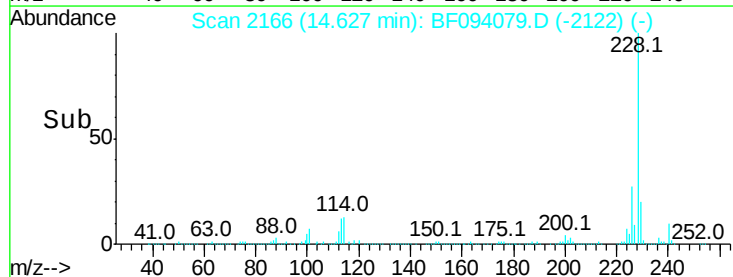
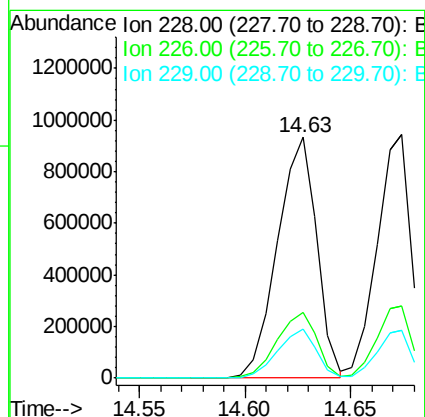
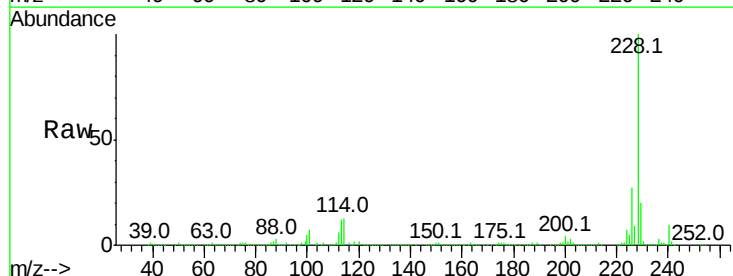
Instrument :
BNA_F
ClientSampleId :
TP-2(10-10.5)MS

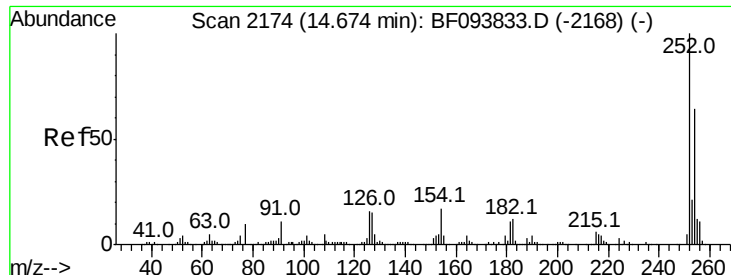
Tot Ion:149 Resp: 774902
Ion Ratio Lower Upper
149 100
91 71.8 45.0 67.4#
206 18.2 17.0 25.6



#80
Benzo(a)anthracene
Concen: 50.18 ng
RT: 14.63 min Scan# 2166
Delta R.T. -0.04 min
Lab File: BF094079.D
Acq: 31 Mar 2017 1:01

Tgt Ion:228 Resp: 1210596
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 20.2 16.3 24.5

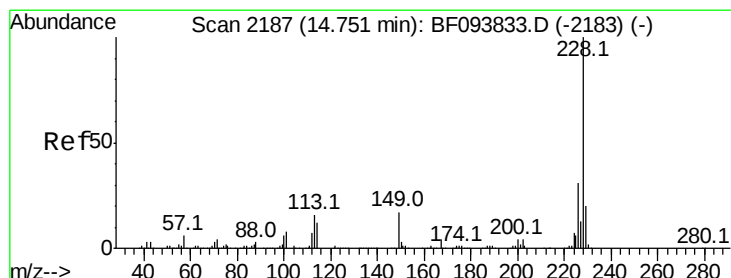
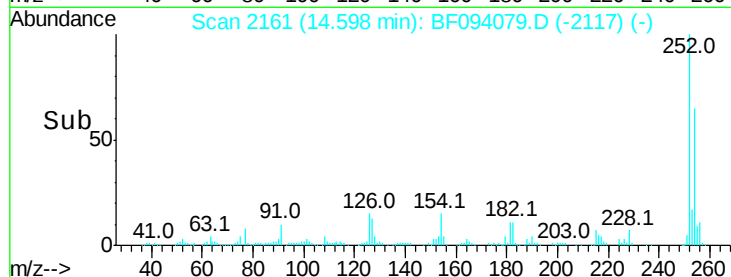
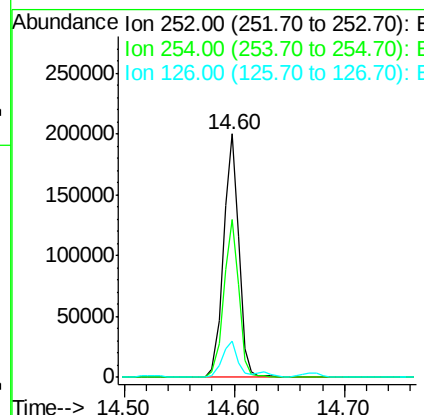
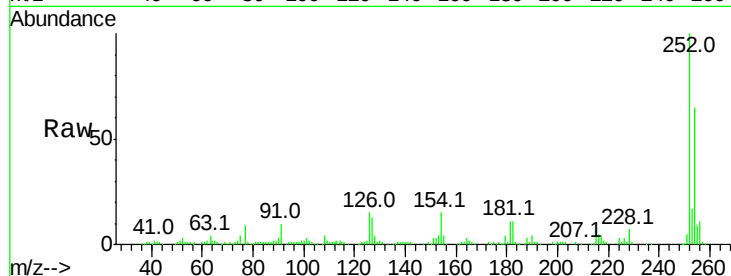




#81
 3,3'-Dichlorobenzidine
 Concen: 22.35 ng
 RT: 14.60 min Scan# 2161
 Delta R.T. -0.04 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

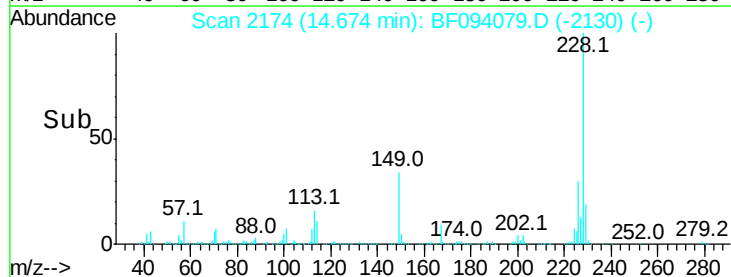
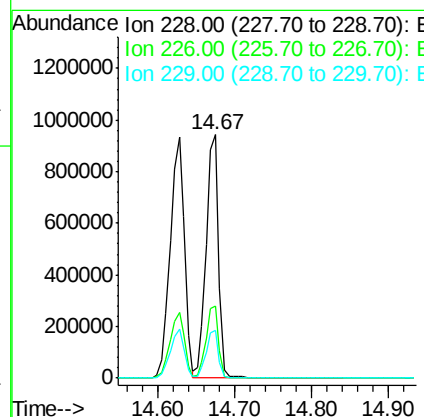
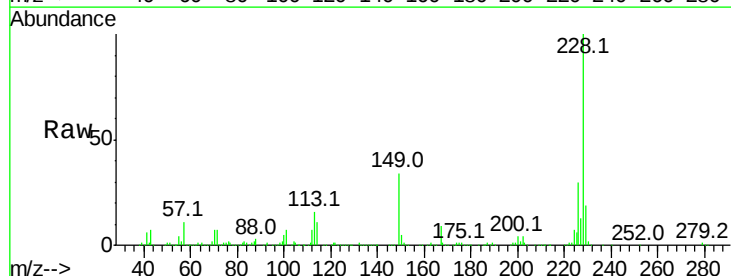
Instrument :
 BNA_F
 ClientSampleId :
 TP-2(10-10.5)MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	14.7	15.8	23.8#



#82
 Chrysene
 Concen: 47.45 ng
 RT: 14.67 min Scan# 2174
 Delta R.T. -0.04 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	19.5	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 60.11 ng

RT: 14.69 min Scan# 2176

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)MS

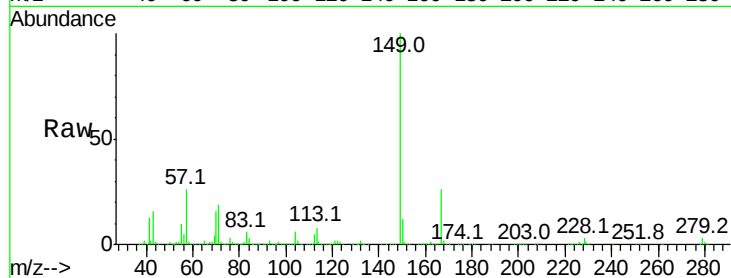
Tot Ion:149 Resp: 1049143

Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

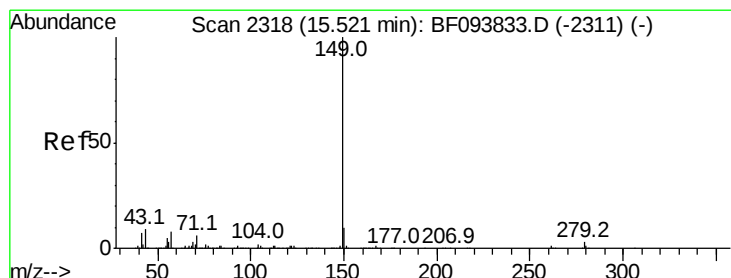
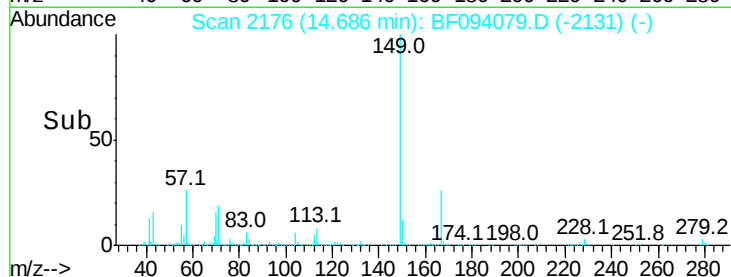
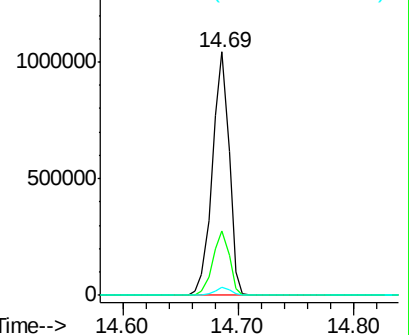
279 3.2 1.9 2.9#



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: 55.87 ng

RT: 15.44 min Scan# 2304

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

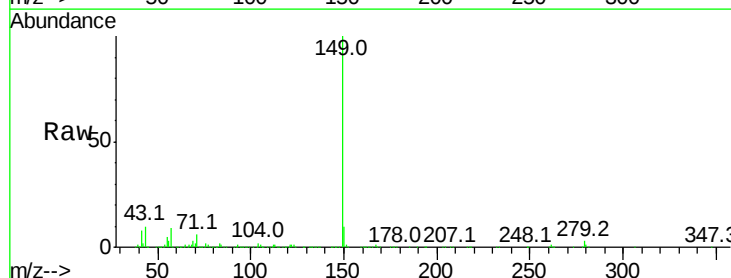
Tgt Ion:149 Resp: 1628806

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

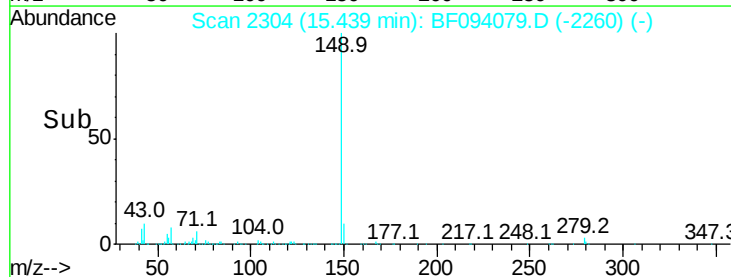
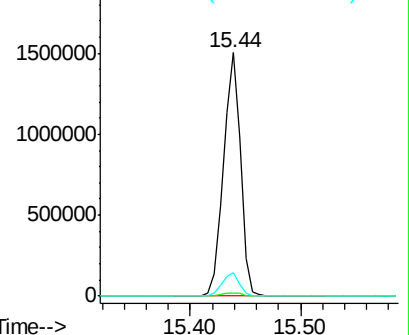
43 9.6 8.5 12.7

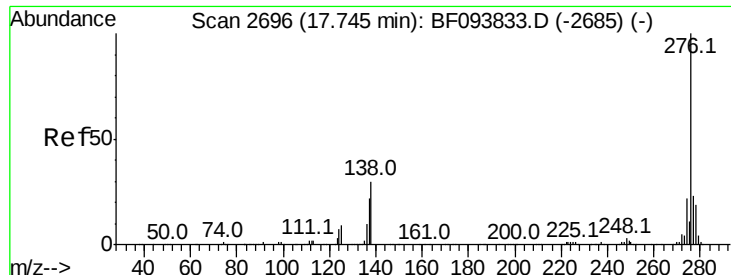


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



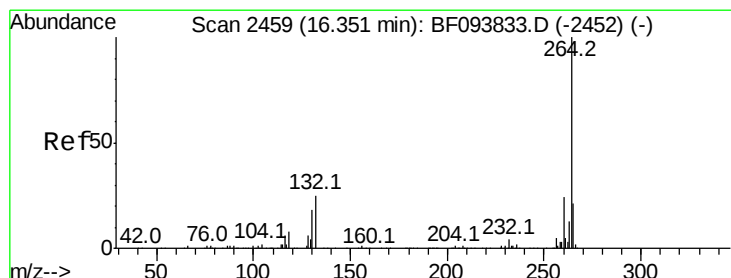
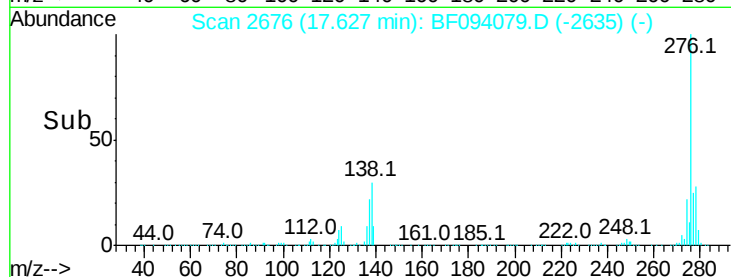
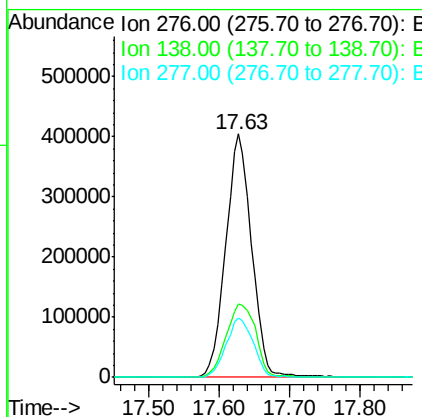
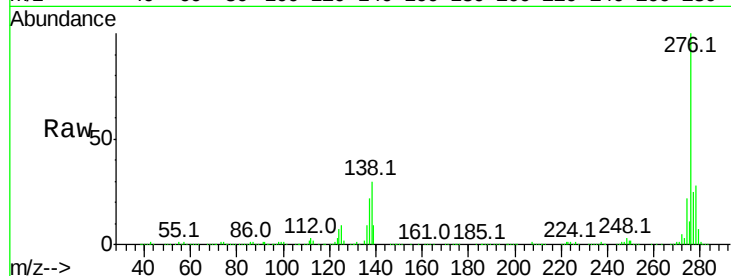


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 53.15 ng
 RT: 17.63 min Scan# 2676
 Delta R.T. -0.06 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-2(10-10.5)MS

Tot Ion:276 Resp: 1030462

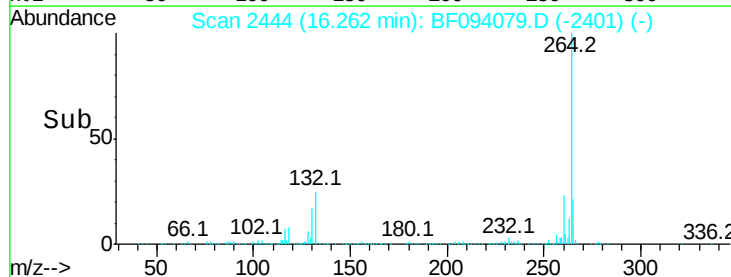
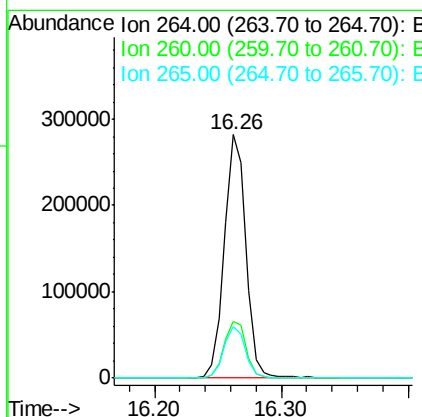
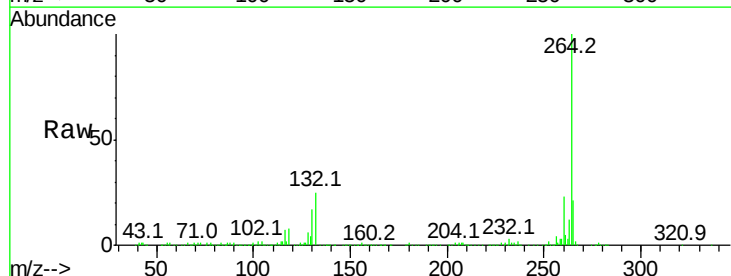
Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	25.6	20.2	30.4

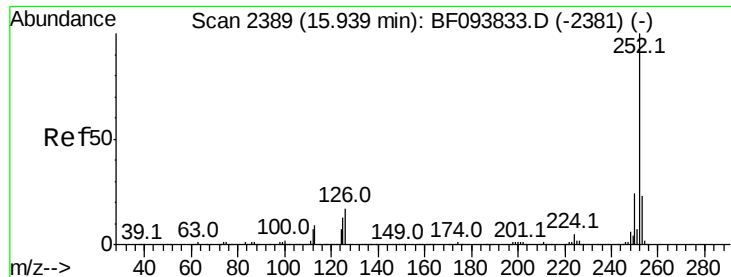


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.26 min Scan# 2444
 Delta R.T. -0.05 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

Tgt Ion:264 Resp: 331161

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 49.90 ng

RT: 15.86 min Scan# 2376

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)MS

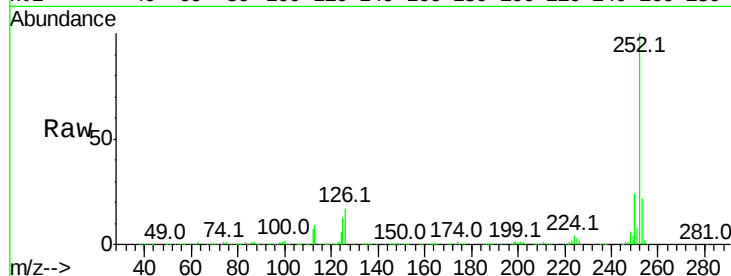
Tot Ion:252 Resp: 1012860

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

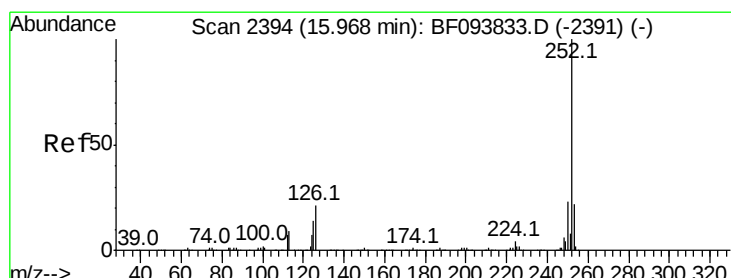
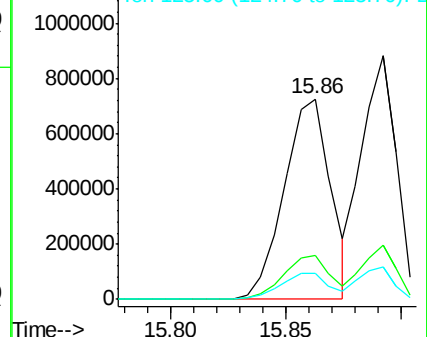
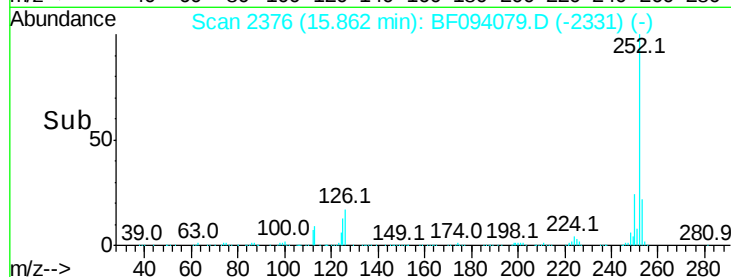
125 13.1 9.8 14.8



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: 47.59 ng

RT: 15.89 min Scan# 2381

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

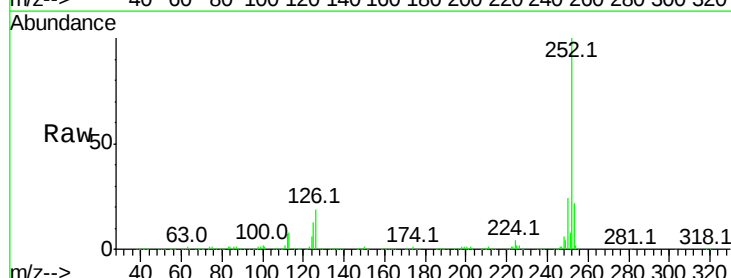
Tgt Ion:252 Resp: 945148

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

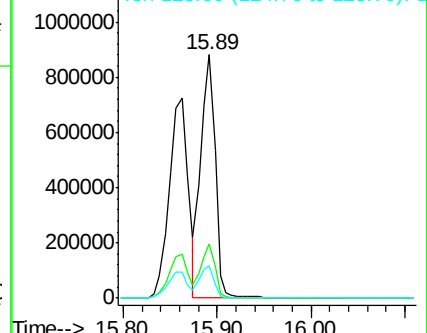
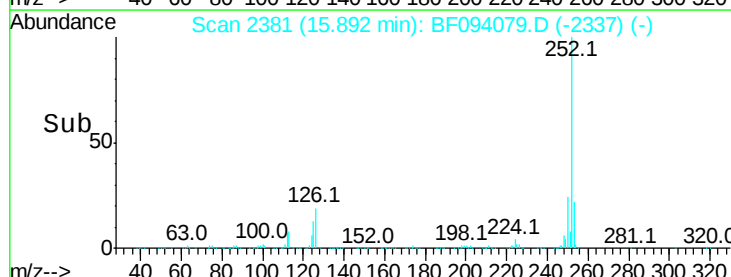
125 13.2 13.1 19.7

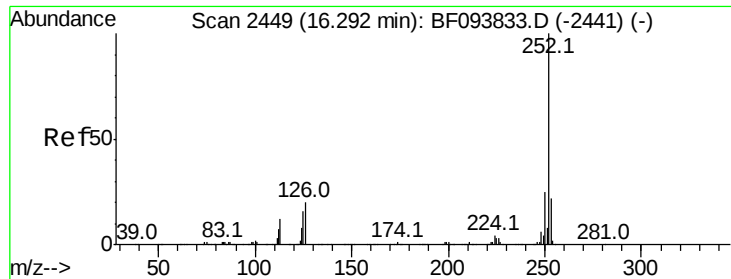


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.17 ng

RT: 16.21 min Scan# 2435

Delta R.T. -0.04 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

Instrument :

BNA_F

ClientSampleId :

TP-2(10-10.5)MS

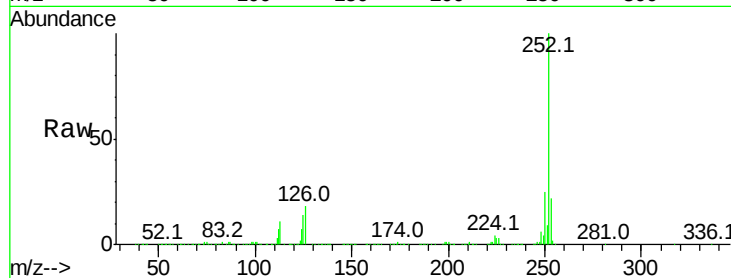
Tot Ion:252 Resp: 937787

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

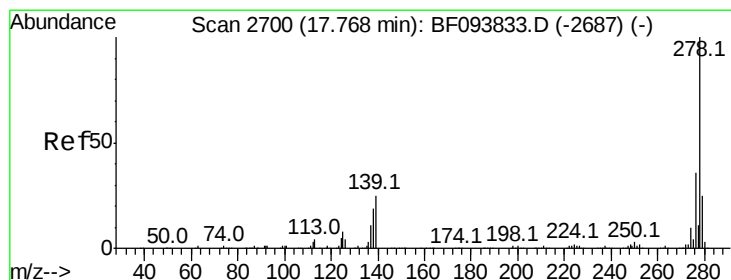
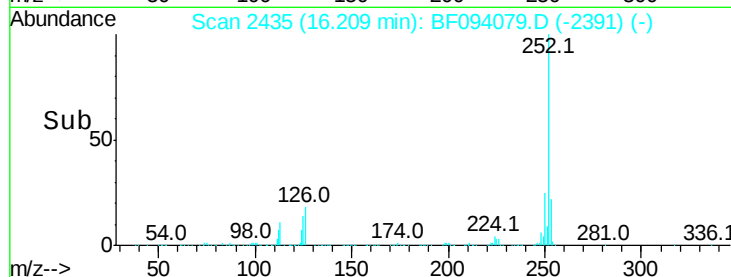
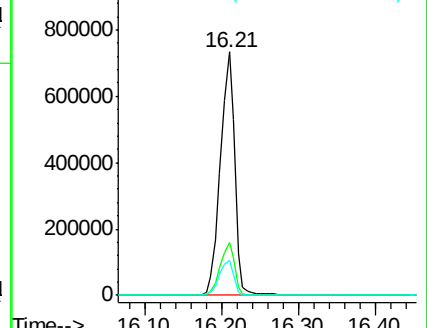
125 14.2 11.0 16.4



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: 53.78 ng

RT: 17.65 min Scan# 2680

Delta R.T. -0.06 min

Lab File: BF094079.D

Acq: 31 Mar 2017 1:01

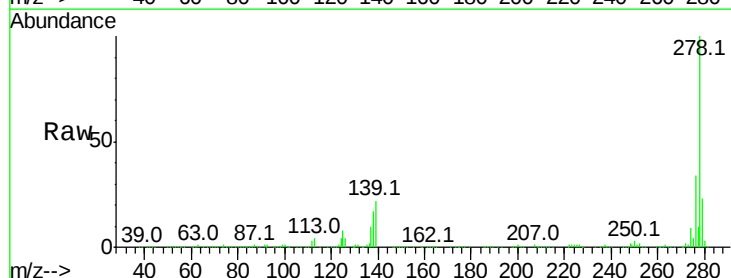
Tgt Ion:278 Resp: 851394

Ion Ratio Lower Upper

278 100

139 22.4 16.6 24.8

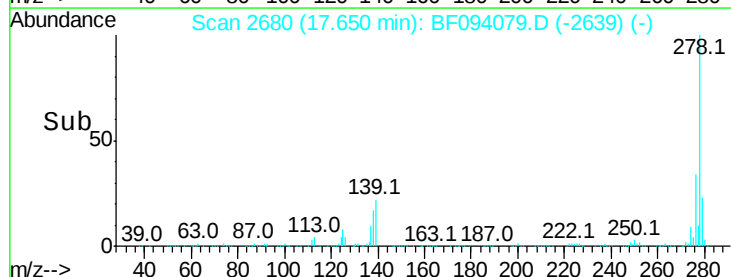
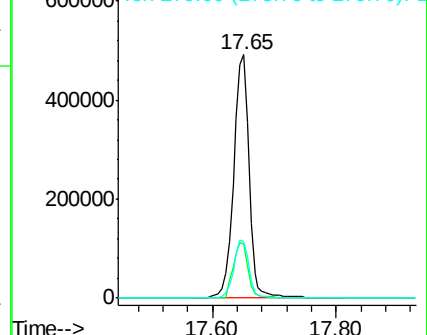
279 23.4 19.3 28.9

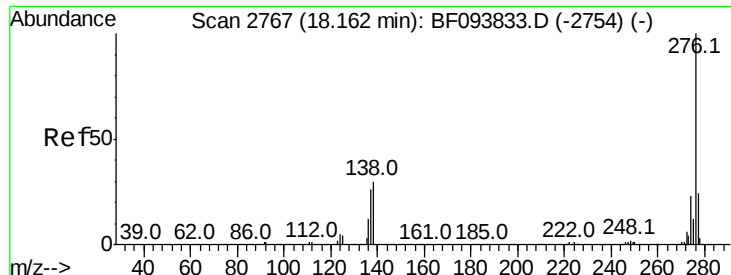


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

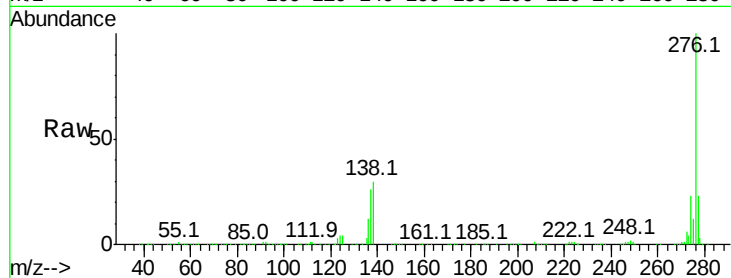




#91
 Benzo(a,h,i)perylene
 Concen: 54.75 ng
 RT: 18.03 min Scan# 2745
 Delta R.T. -0.06 min
 Lab File: BF094079.D
 Acq: 31 Mar 2017 1:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-2(10-10.5)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	29.7	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

