

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099026.D
 Acq On : 3 Oct 2017 12:48
 Operator : SJ/JU
 Sample : PB102810BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 17:27:51 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 03 17:12:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	136289	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	577808	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	263466	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	468264	20.00	ng	0.00
75) Chrysene-d12	14.04	240	326496	20.00	ng	0.00
86) Perylene-d12	15.52	264	267989	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	1080640	126.22	ng	0.02
7) Phenol-d6	6.51	99	1325564	125.51	ng	0.00
23) Nitrobenzene-d5	7.44	82	819783	90.99	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	291172	135.06	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1485026	94.10	ng	0.00
78) Terphenyl-d14	12.99	244	1266376	88.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	148065	36.205	ng	97
3) Pyridine	3.52	79	428666	38.746	ng	97
4) n-Nitrosodimethylamine	3.48	42	180785	38.535	ng	85
6) Aniline	6.54	93	267240	18.748	ng	100
8) 2-Chlorophenol	6.66	128	395948	40.839	ng	97
9) Benzaldehyde	6.43	77	198480	32.397	ng	95
10) Phenol	6.52	94	486876	41.220	ng	95
11) bis(2-Chloroethyl)ether	6.61	93	376010	40.948	ng	99
12) 1,3-Dichlorobenzene	6.82	146	416211	40.991	ng	99
13) 1,4-Dichlorobenzene	6.89	146	419011	40.559	ng	98
14) 1,2-Dichlorobenzene	7.05	146	392609	41.129	ng	98
15) Benzyl Alcohol	7.02	79	335057	43.245	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	573667	40.098	ng	98
17) 2-Methylphenol	7.13	107	342900	43.224	ng	98
18) Hexachloroethane	7.39	117	149474	40.253	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	263681	39.104	ng	98
20) 3+4-Methylphenols	7.28	107	404416	40.297	ng	# 74
22) Acetophenone	7.29	105	531184	37.944	ng	# 97
24) Nitrobenzene	7.46	77	407620	39.882	ng	98
25) Isophorone	7.70	82	767739	41.214	ng	98
26) 2-Nitrophenol	7.77	139	224279	45.633	ng	90
27) 2,4-Dimethylphenol	7.80	122	385562	41.540	ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	490231	42.229	ng	99
29) 2,4-Dichlorophenol	8.02	162	348032	43.673	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	335765	42.127	ng	99
31) Naphthalene	8.18	128	1144218	42.164	ng	100
32) Benzoic acid	7.93	122	229925	30.157	ng	99
33) 4-Chloroaniline	8.22	127	102679	9.061	ng	96
34) Hexachlorobutadiene	8.29	225	164530	40.077	ng	99
35) Caprolactam	8.65	113	52409	20.502	ng	95
36) 4-Chloro-3-methylphenol	8.71	107	367279	41.004	ng	96
37) 2-Methylnaphthalene	8.87	142	799132	45.298	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	305908	38.933	ng	99
40) Hexachlorocyclopentadiene	9.02	237	291225	81.104	ng	99

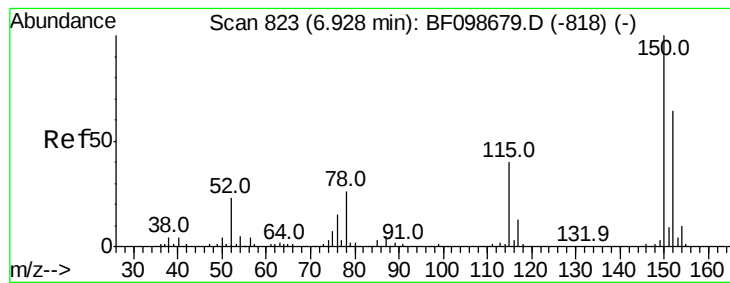
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	229496	41.229	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	238032	42.837	ng	98
45) 1,1'-Biphenyl	9.33	154	916117	40.459	ng	99
46) 2-Chloronaphthalene	9.36	162	719561	42.324	ng	97
47) 2-Nitroaniline	9.46	65	219405	42.147	ng	96
48) Acenaphthylene	9.78	152	1111793	42.719	ng	100
49) Dimethylphthalate	9.63	163	859844	43.241	ng	100
50) 2,6-Dinitrotoluene	9.70	165	190446	43.992	ng	95
51) Acenaphthene	9.95	154	667566	40.493	ng	100
52) 3-Nitroaniline	9.86	138	88189	17.471	ng	99
53) 2,4-Dinitrophenol	9.98	184	169583	75.588	ng	89
54) Dibenzofuran	10.12	168	993193	45.247	ng	99
55) 4-Nitrophenol	10.03	139	333964	78.245	ng	88
56) 2,4-Dinitrotoluene	10.10	165	261328	46.513	ng	96
57) Fluorene	10.46	166	759138	43.028	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	179890	46.865	ng	98
59) Diethylphthalate	10.33	149	821518	42.280	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	336878	42.507	ng	99
61) 4-Nitroaniline	10.49	138	211665	43.464	ng	92
62) Azobenzene	10.62	77	791125	44.282	ng	93
64) 4,6-Dinitro-2-methylphenol	10.52	198	109949	38.592	ng	83
65) n-Nitrosodiphenylamine	10.57	169	684678	42.206	ng	99
66) 4-Bromophenyl-phenylether	10.95	248	200686	43.784	ng	# 89
67) Hexachlorobenzene	11.01	284	200416	40.940	ng	99
68) Atrazine	11.10	200	220653	45.209	ng	99
69) Pentachlorophenol	11.20	266	212598	69.780	ng	98
70) Phenanthrene	11.43	178	1065134	42.495	ng	99
71) Anthracene	11.48	178	1099667	42.878	ng	100
72) Carbazole	11.63	167	1048561	41.751	ng	99
73) Di-n-butylphthalate	11.95	149	1270054	42.014	ng	100
74) Fluoranthene	12.62	202	1087527	42.848	ng	99
76) Benzidine	12.73	184	278621	23.072	ng	99
77) Pyrene	12.85	202	1105818	44.417	ng	100
79) Butylbenzylphthalate	13.45	149	525459	44.908	ng	97
80) Benzo(a)anthracene	14.03	228	854445	43.219	ng	100
81) 3,3'-Dichlorobenzidine	13.99	252	102685	14.168	ng	98
82) Chrysene	14.07	228	802893	42.657	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	702999	43.634	ng	# 99
84) Di-n-octyl phthalate	14.62	149	1116092	43.021	ng	97
85) Indeno(1,2,3-cd)pyrene	17.00	276	678011	45.031	ng	96
87) Benzo(b)fluoranthene	15.12	252	664298	40.317	ng	98
88) Benzo(k)fluoranthene	15.12	252	664298	40.818	ng	99
89) Benzo(a)pyrene	15.46	252	668701	44.212	ng	98
90) Dibenzo(a,h)anthracene	17.02	278	558996	46.182	ng	96
91) Benzo(g,h,i)perylene	17.46	276	575480	48.098	ng	95

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

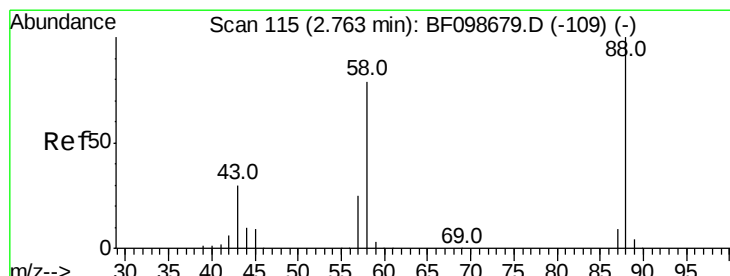
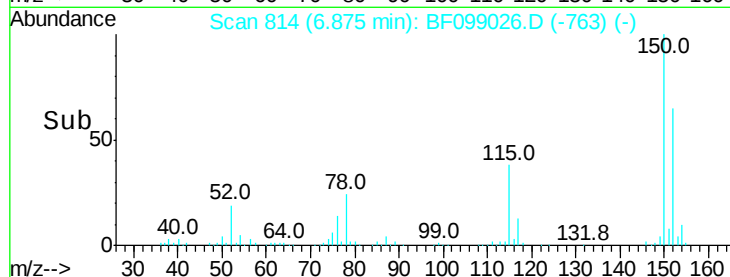
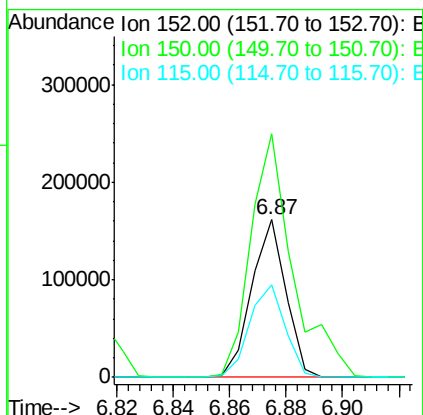
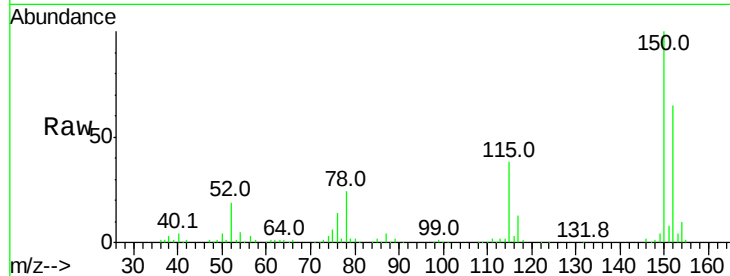


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :

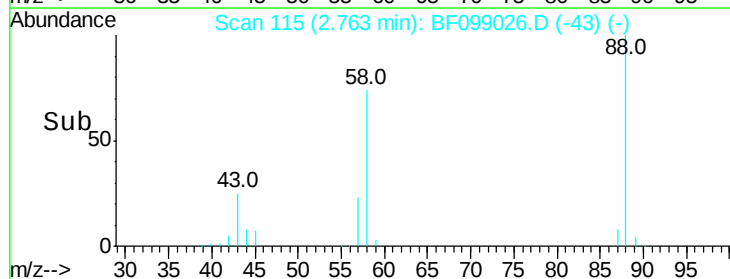
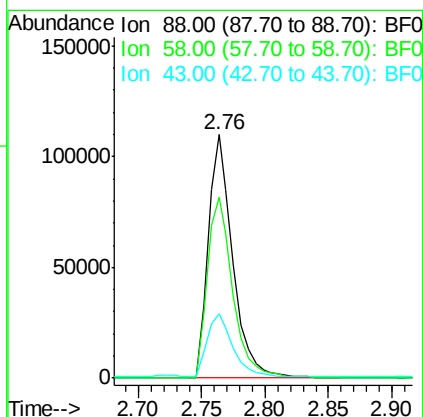
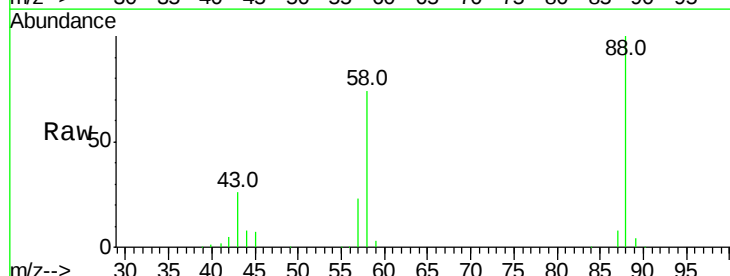
Tot Ion:152 Resp: 136289
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 58.7 50.1 75.1

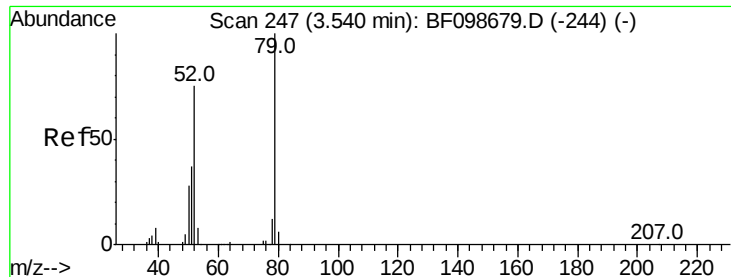


#2

1,4-Dioxane
Concen: 36.205 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.12 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion: 88 Resp: 148065
Ion Ratio Lower Upper
88 100
58 77.6 62.6 93.8
43 26.8 24.6 37.0

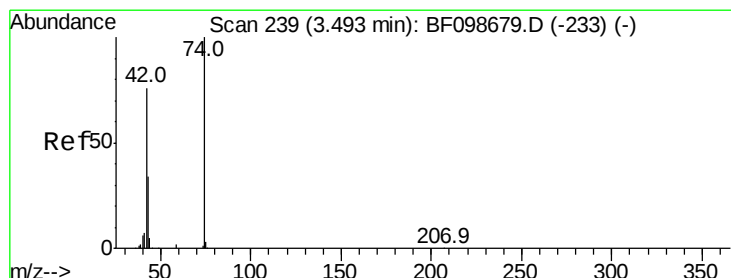
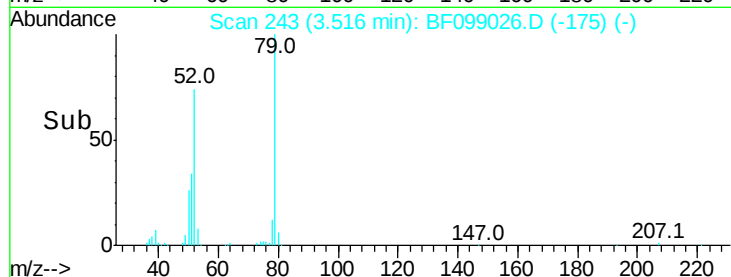
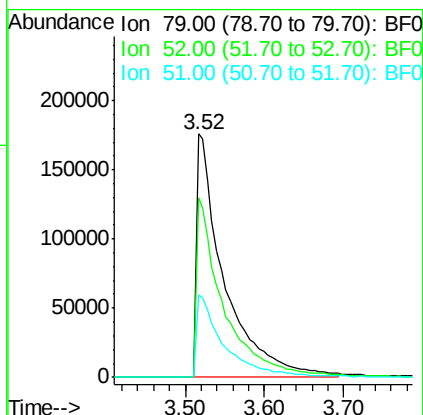
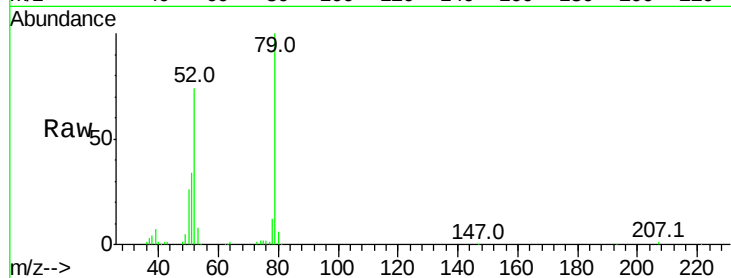




#3
 Pvridine
 Concen: 38.746 ng
 RT: 3.52 min Scan# 243
 Delta R.T. 0.10 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

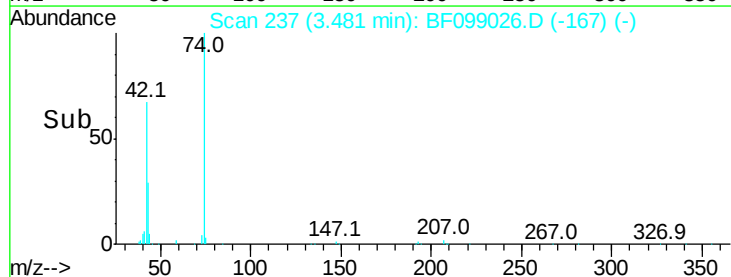
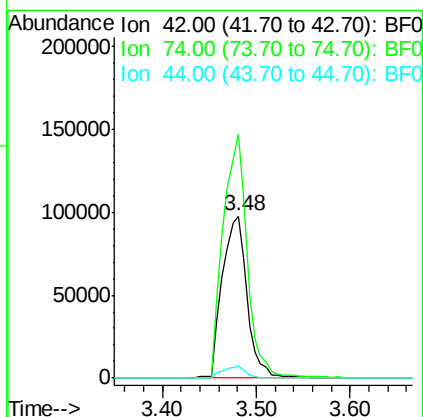
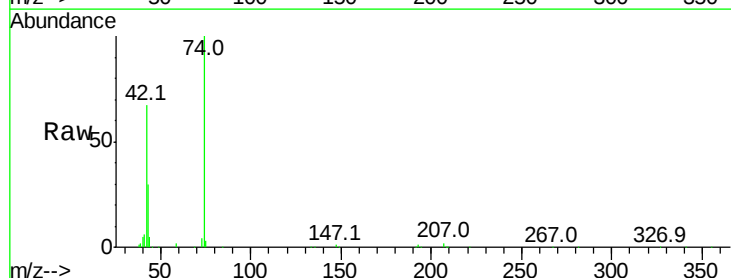
Instrument :
 BNA_F
 ClientSampleId :

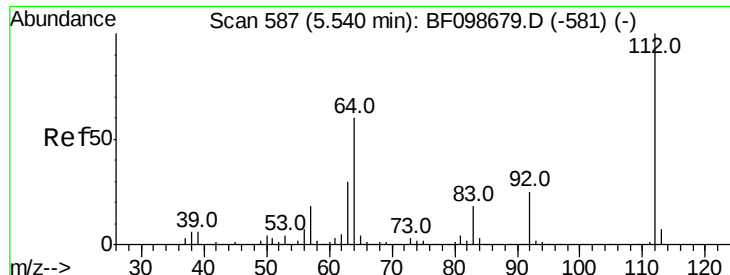
Tot Ion: 79 Resp: 428666
 Ion Ratio Lower Upper
 79 100
 52 73.5 59.8 89.6
 51 34.0 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 38.535 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.11 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion: 42 Resp: 180785
 Ion Ratio Lower Upper
 42 100
 74 150.0 104.9 157.3
 44 7.5 6.9 10.3





#5

2-Fluorophenol

Concen: 126.222 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

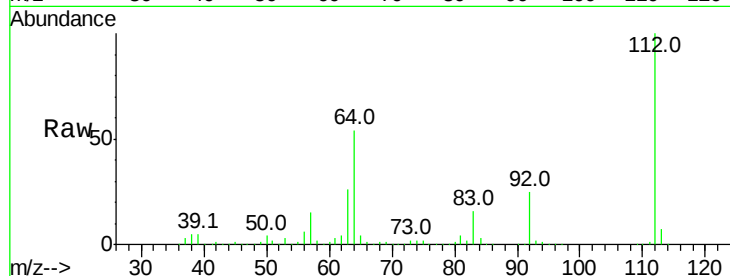
Tot Ion:112 Resp: 1080640

Ion Ratio Lower Upper

112 100

64 54.2 47.9 71.9

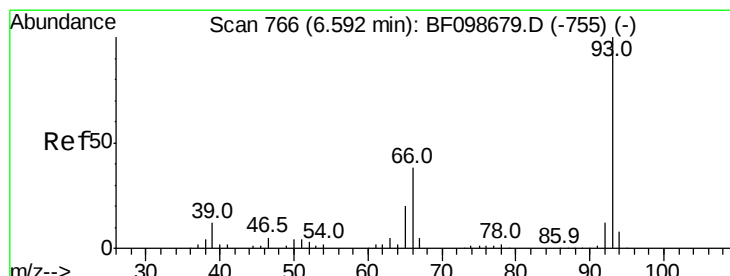
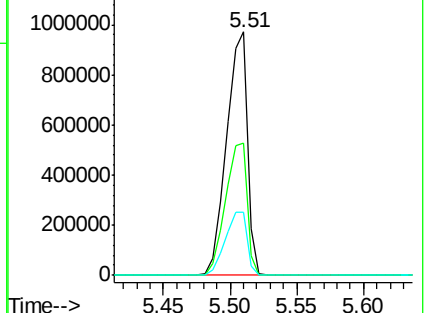
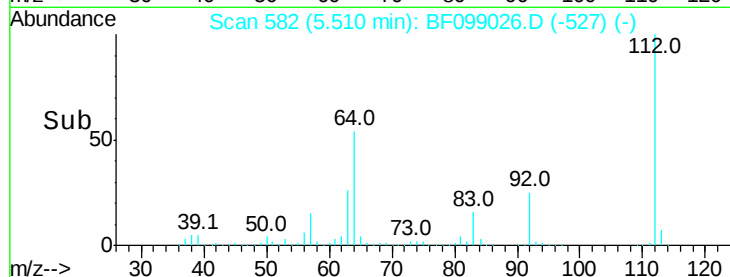
63 26.1 23.7 35.5



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: 18.748 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

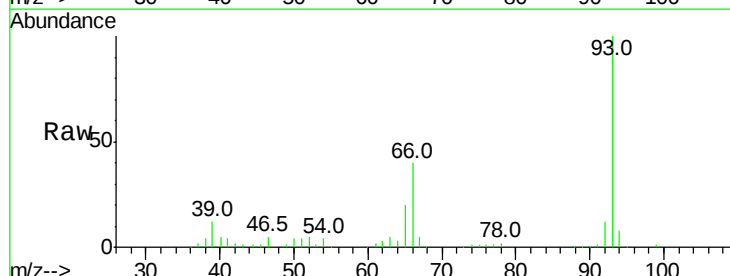
Tgt Ion: 93 Resp: 267240

Ion Ratio Lower Upper

93 100

66 40.4 32.2 48.2

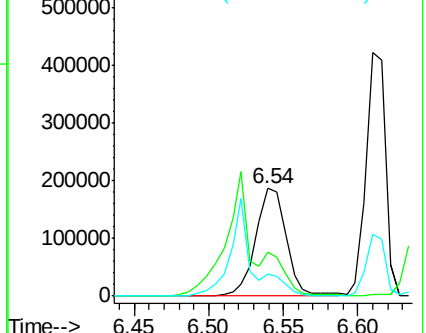
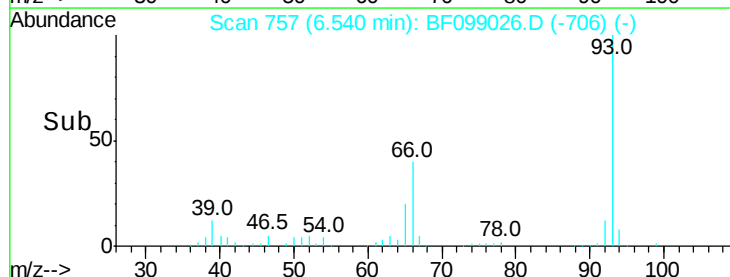
65 20.2 16.4 24.6



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: 125.510 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

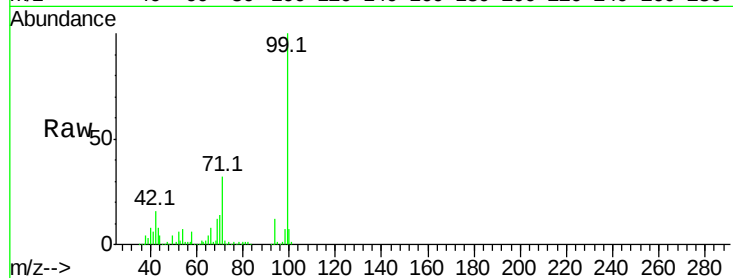
Tot Ion: 99 Resp: 1325564

Ion Ratio Lower Upper

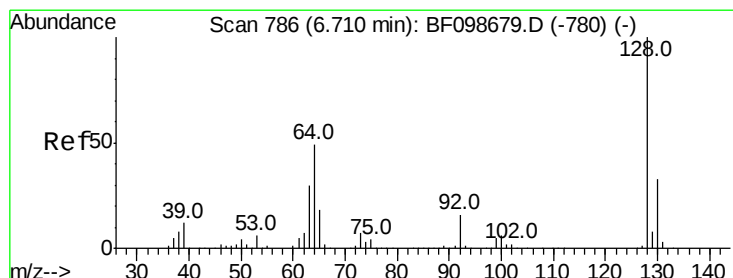
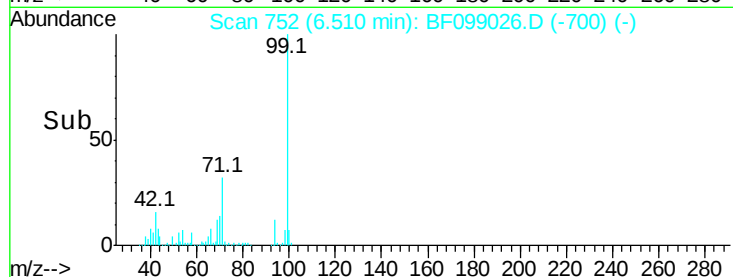
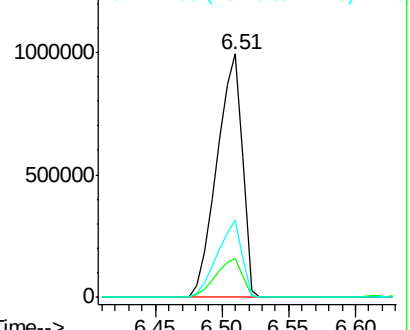
99 100

42 16.0 14.5 21.7

71 31.6 25.4 38.0



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: 40.839 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

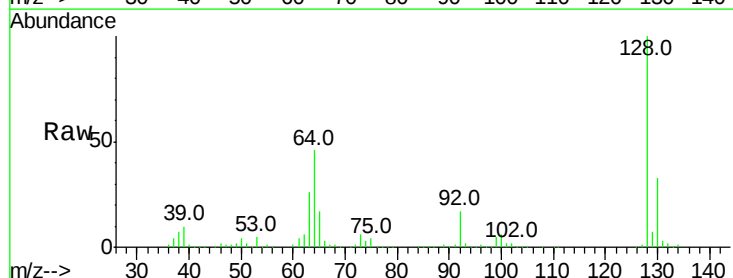
Tgt Ion:128 Resp: 395948

Ion Ratio Lower Upper

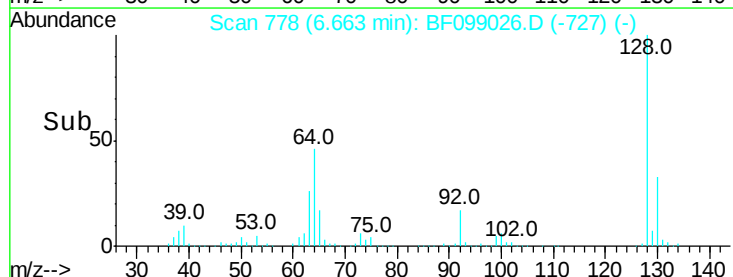
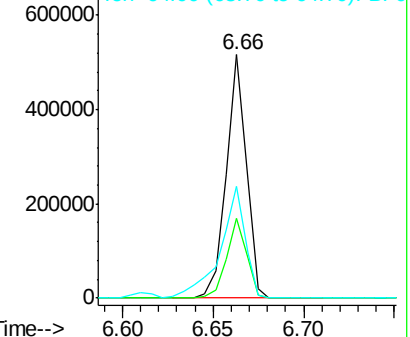
128 100

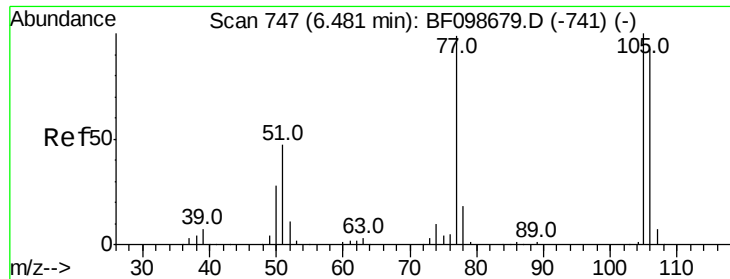
130 32.8 13.0 53.0

64 45.9 29.4 69.4



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

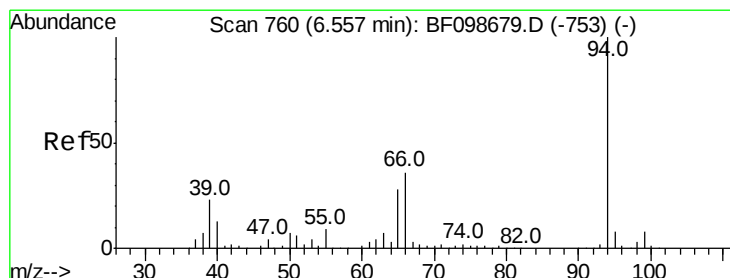
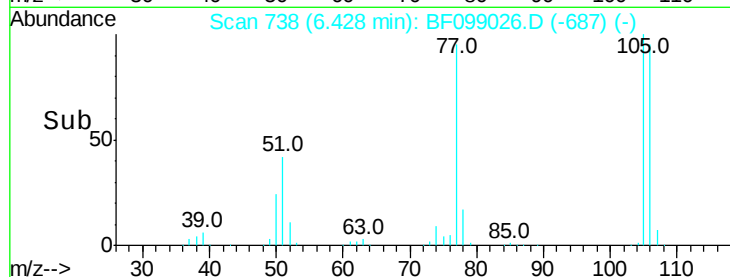
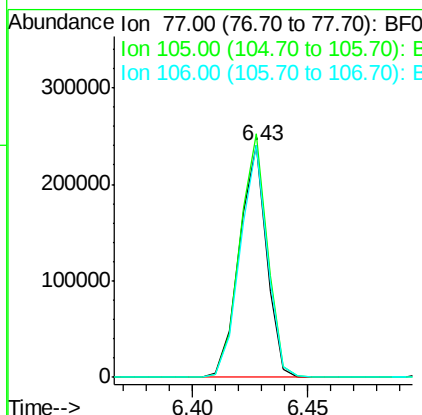
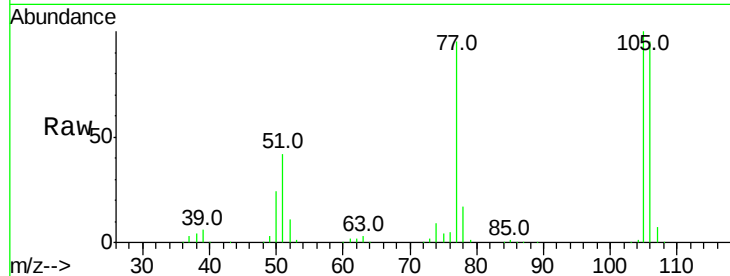




#9
Benzaldehyde
Concen: 32.397 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

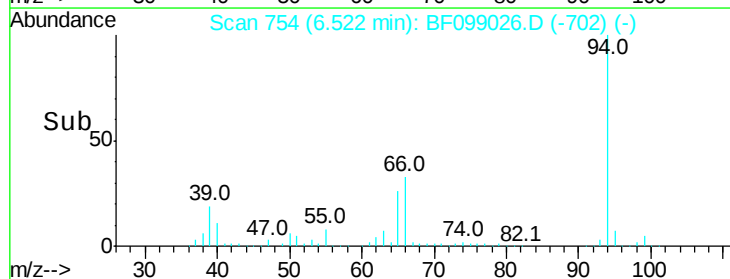
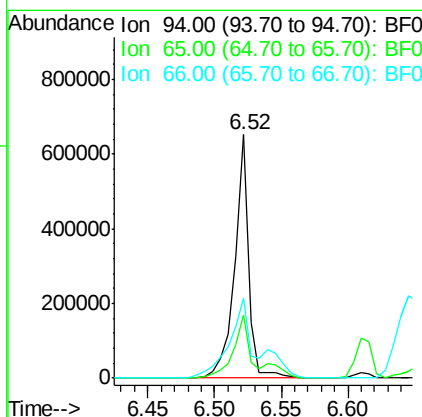
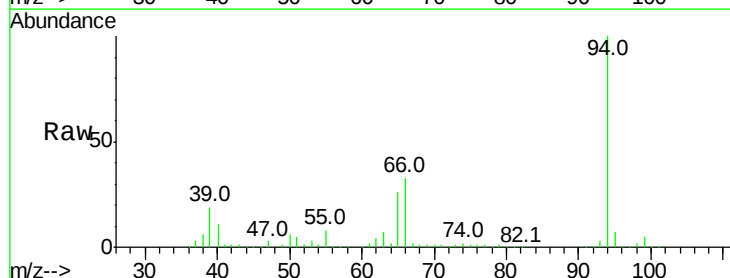
Instrument :
BNA_F
ClientSampleId :

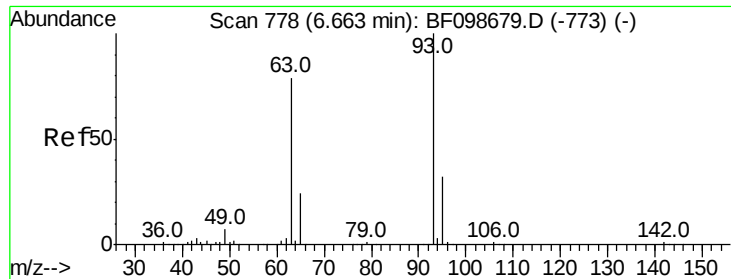
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Ion Ratio Lower Upper
77 100
105 105.2 81.1 121.1
106 100.0 74.5 114.5



#10
Phenol
Concen: 41.220 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion: 94 Resp: 486876
Ion Ratio Lower Upper
94 100
65 26.0 7.9 47.9
66 33.0 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 40.948 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

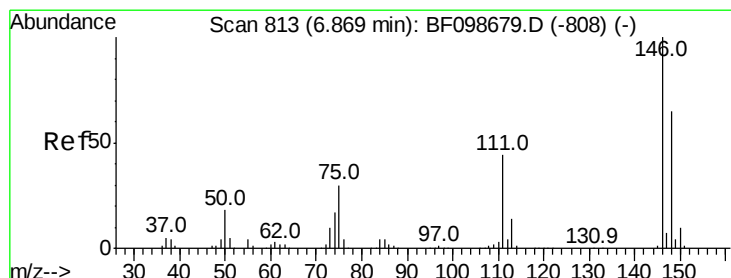
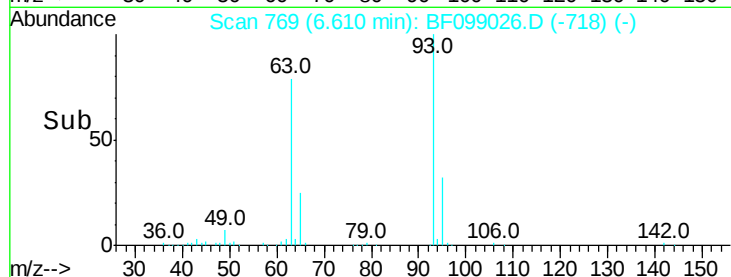
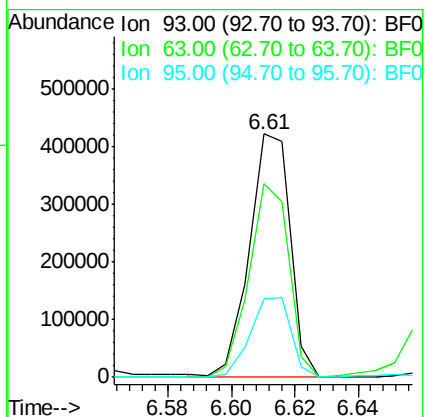
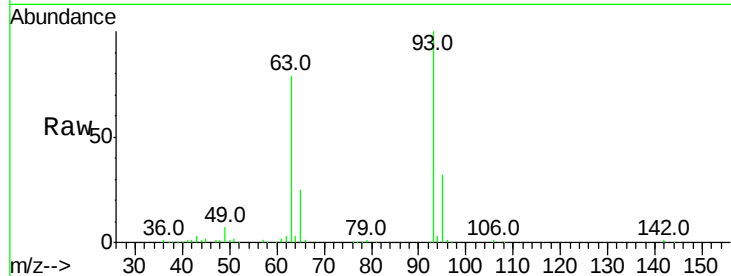
Tot Ion: 93 Resp: 376010

Ion	Ratio	Lower	Upper
93	100		
63	79.4	58.6	98.6
95	32.2	11.8	51.8

93 100

63 79.4 58.6 98.6

95 32.2 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 40.991 ng

RT: 6.82 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

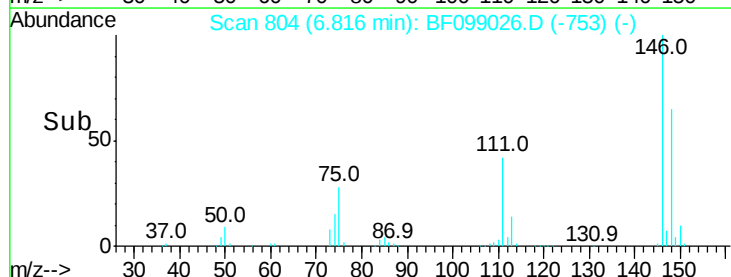
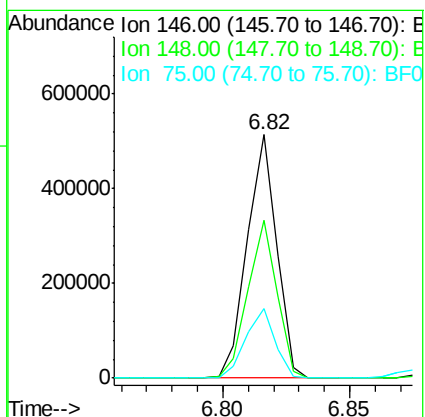
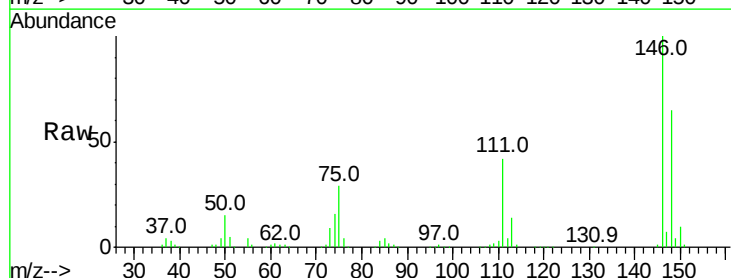
Tgt Ion: 146 Resp: 416211

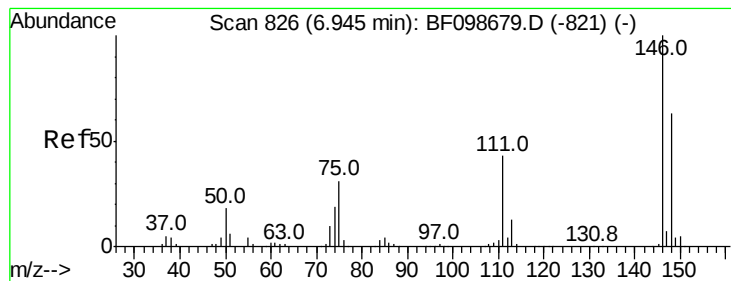
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	28.8	24.2	36.4

146 100

148 64.6 51.8 77.8

75 28.8 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.559 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

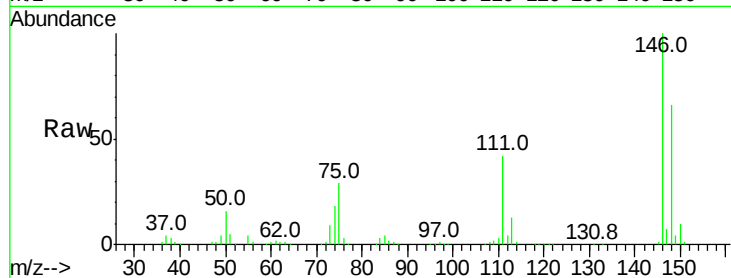
Tot Ion:146 Resp: 419011

Ion Ratio Lower Upper

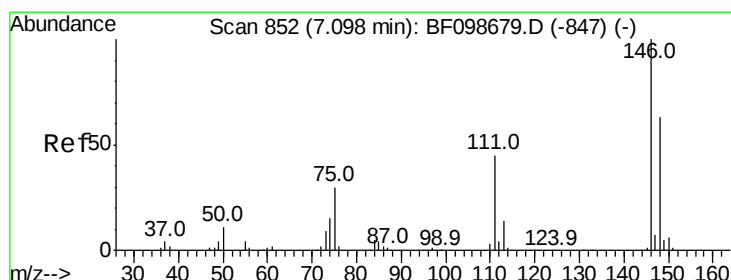
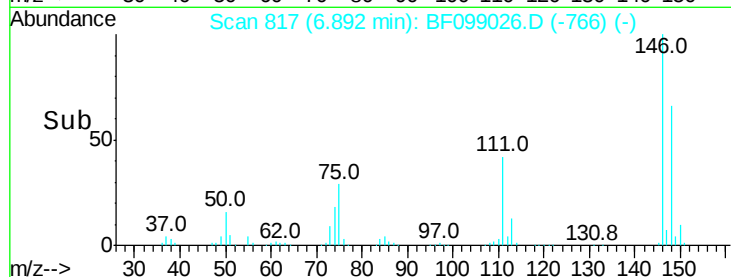
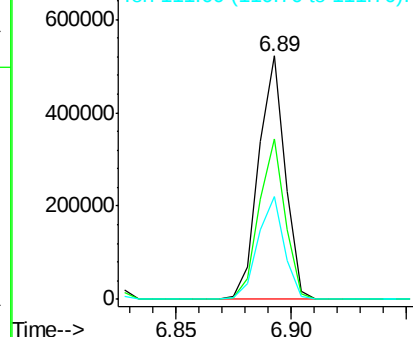
146 100

148 65.8 50.8 76.2

111 42.3 34.2 51.2



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: 41.129 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

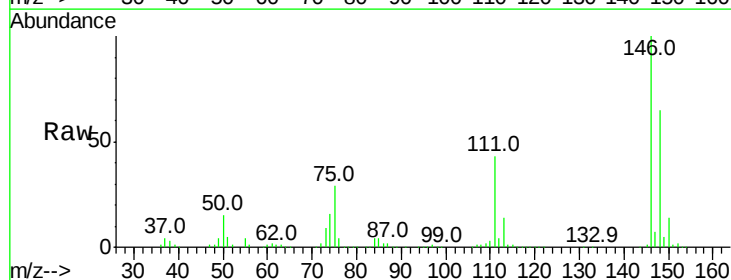
Tgt Ion:146 Resp: 392609

Ion Ratio Lower Upper

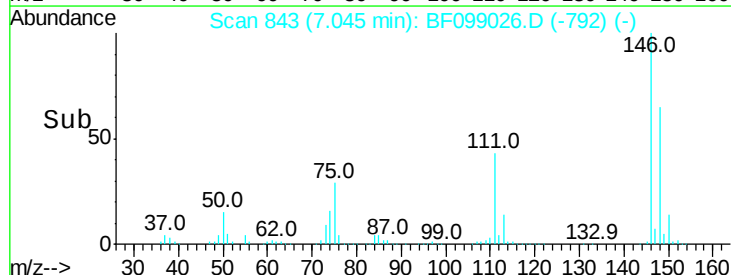
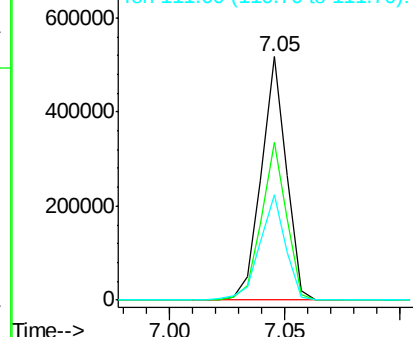
146 100

148 64.9 50.6 75.8

111 43.2 36.0 54.0



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: 43.245 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampled :

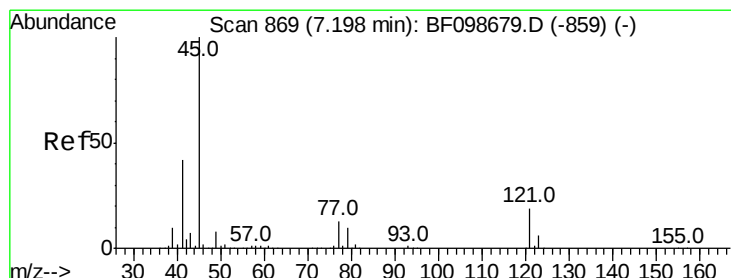
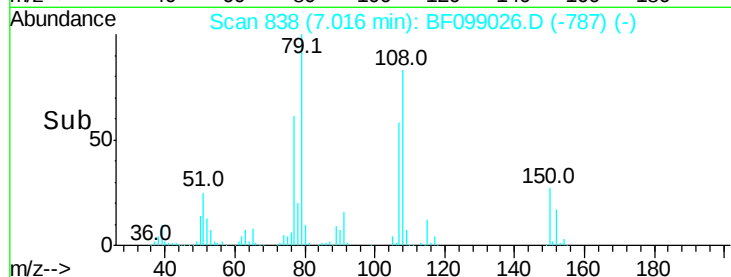
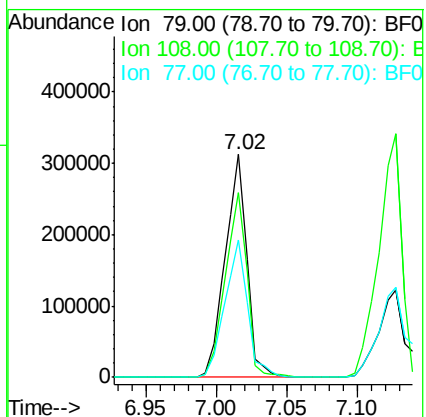
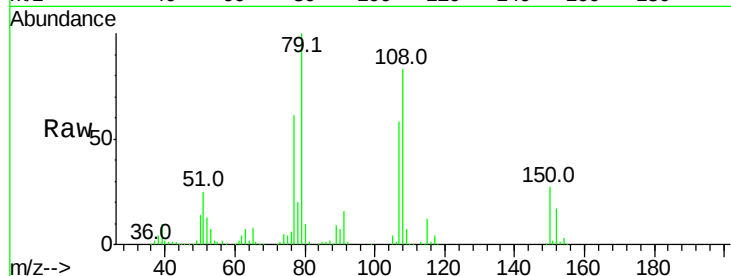
Tot Ion: 79 Resp: 335057

Ion Ratio Lower Upper

79 100

108 83.0 65.1 97.7

77 61.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.098 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

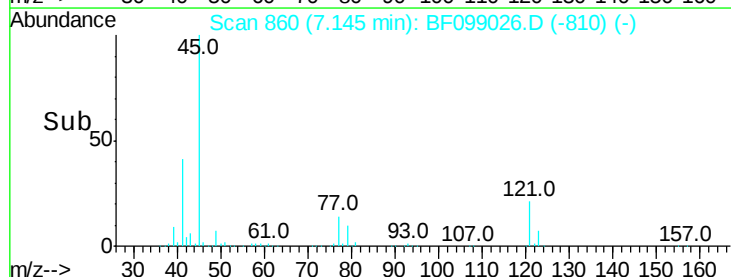
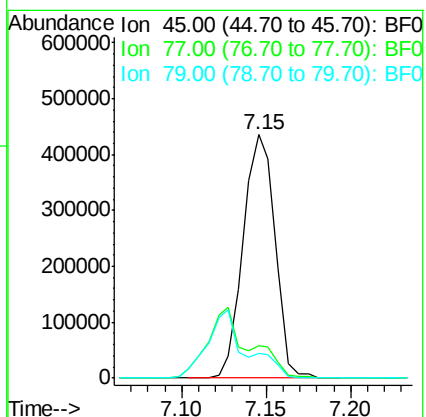
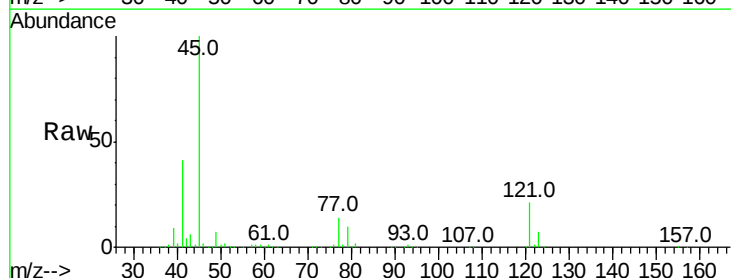
Tgt Ion: 45 Resp: 573667

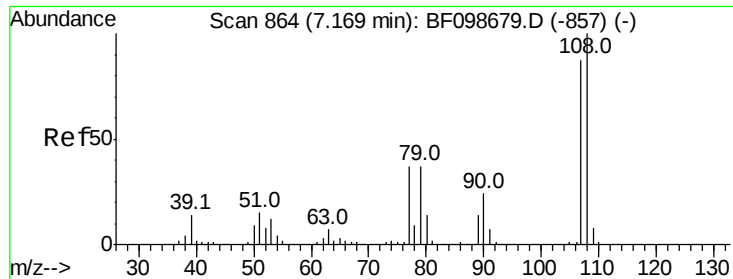
Ion Ratio Lower Upper

45 100

77 13.5 0.0 32.9

79 10.3 0.0 29.6

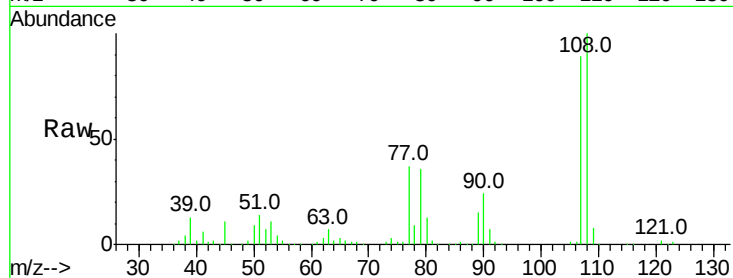




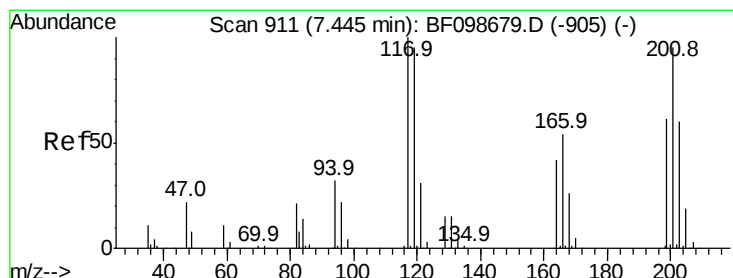
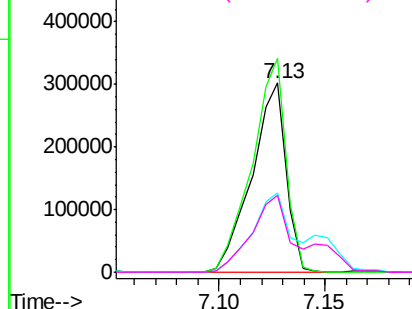
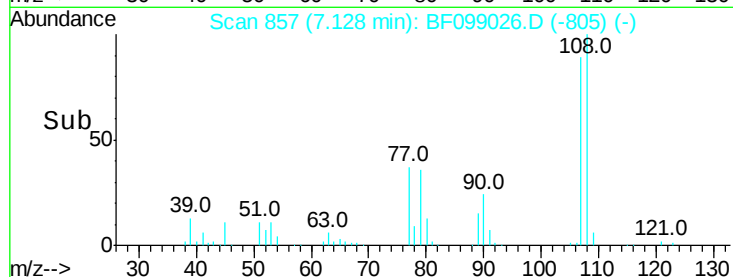
#17
2-Methylphenol
Concen: 43.224 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 342900
Ion Ratio Lower Upper
107 100
108 113.0 91.7 137.5
77 41.7 33.8 50.8
79 40.3 33.8 50.8

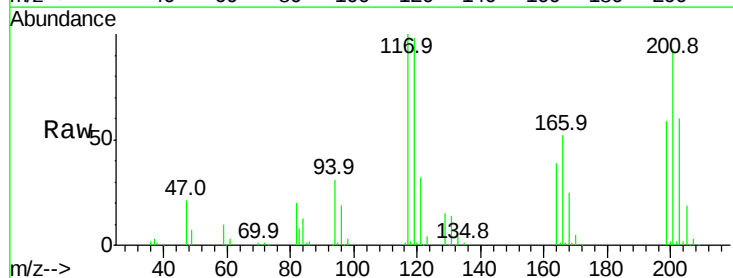


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

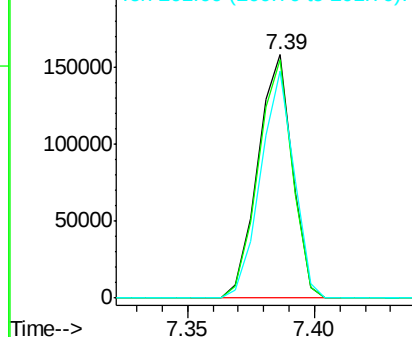
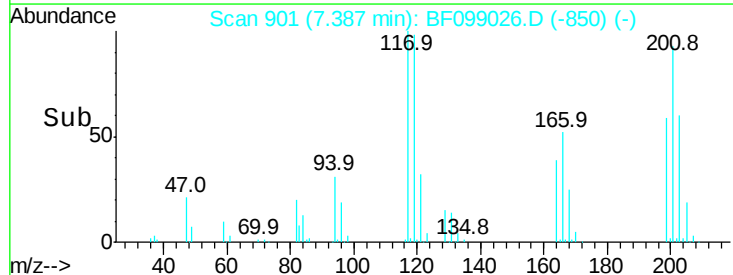


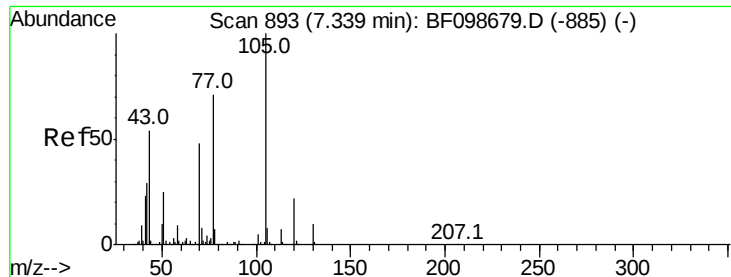
#18
Hexachloroethane
Concen: 40.253 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion:117 Resp: 149474
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.8
201 93.4 75.7 113.5



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

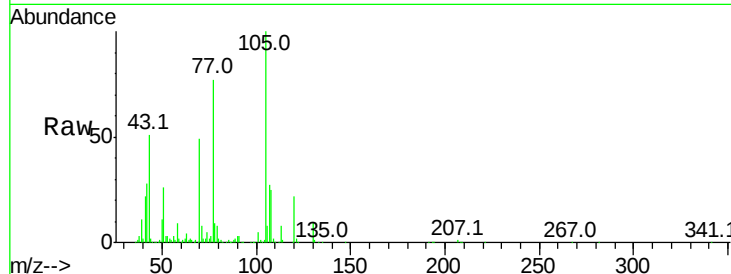




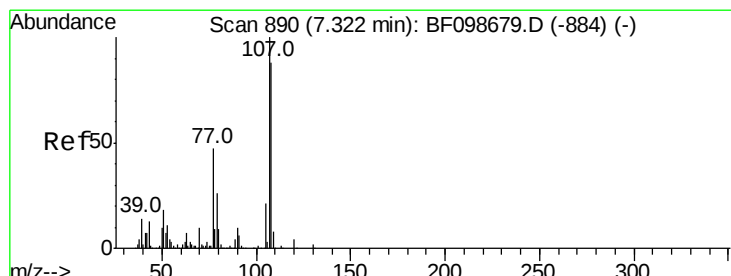
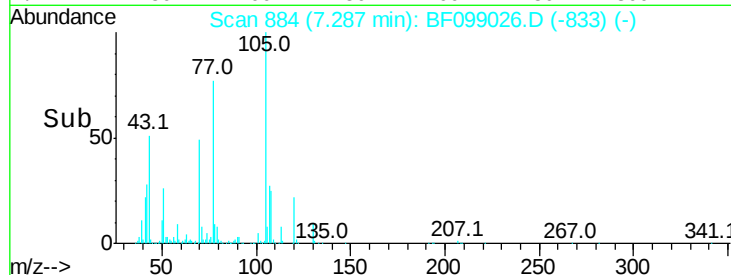
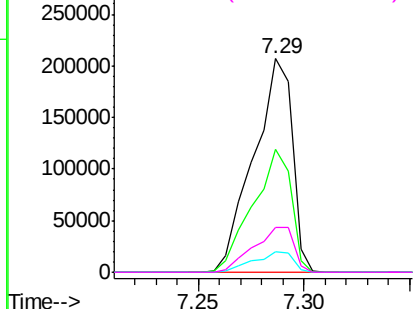
#19
n-Nitroso-di-n-propylamine
Concen: 39.104 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 263681
Ion Ratio Lower Upper
70 100
42 57.6 47.5 71.3
101 9.8 7.4 11.2
130 21.1 16.6 25.0

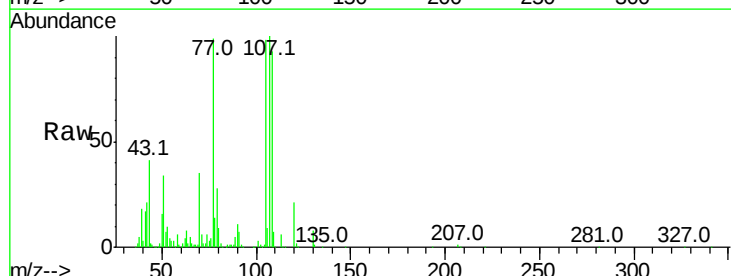


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

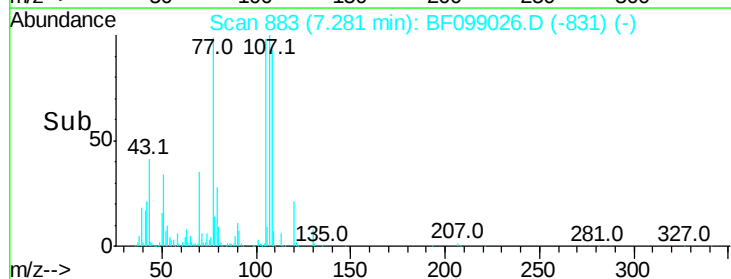
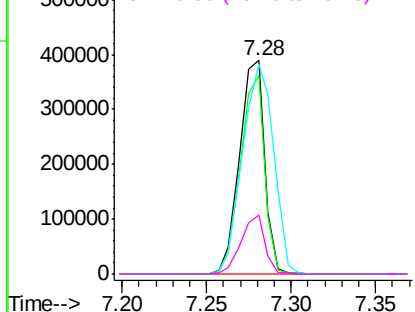


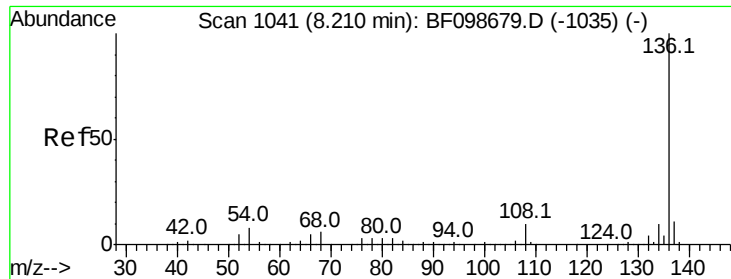
#20
3+4-Methylphenols
Concen: 40.297 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion:107 Resp: 404416
Ion Ratio Lower Upper
107 100
108 93.0 68.2 108.2
77 98.5 26.7 66.7#
79 27.6 6.3 46.3



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

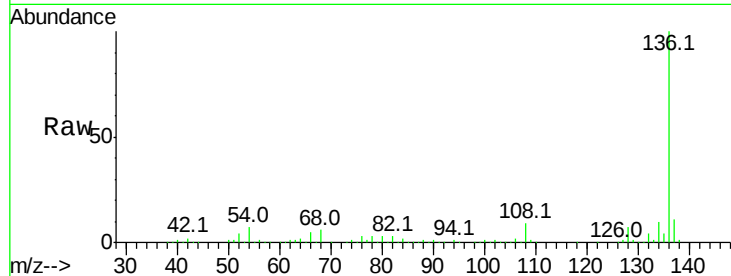




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	577808
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.2	6.6 9.8
68	6.1	5.0 7.4

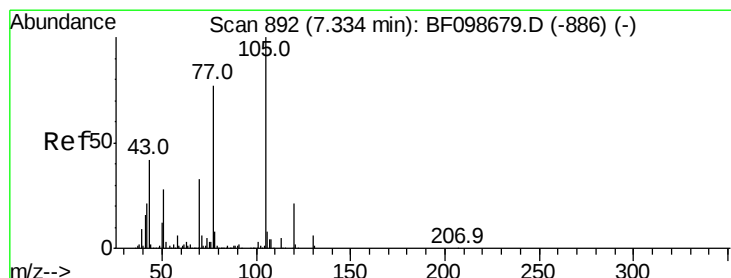
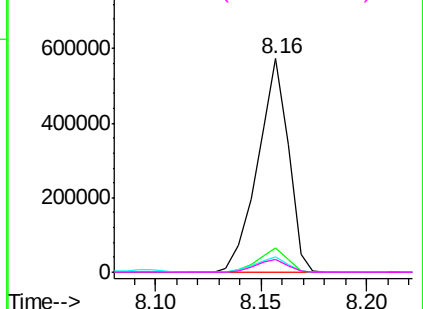
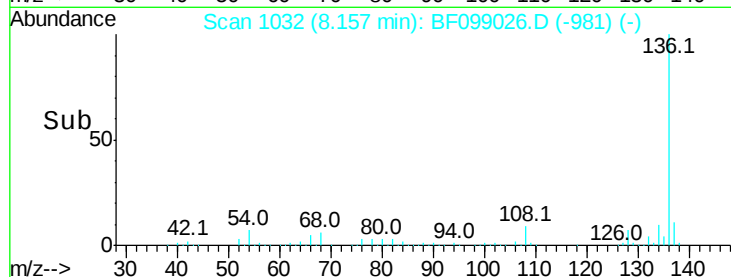


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

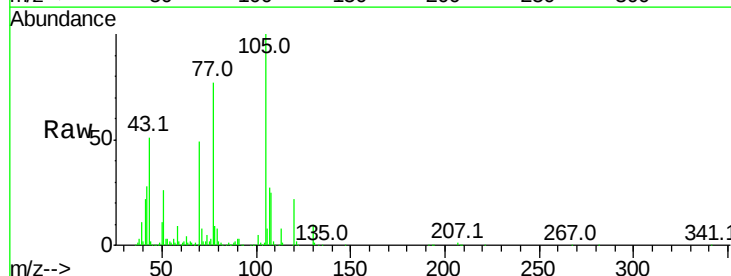
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 37.944 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion:105	Resp:	531184
Ion Ratio	Lower	Upper
105	100	
71	8.3	4.4 6.6#
51	26.3	22.3 33.5
120	21.9	16.9 25.3

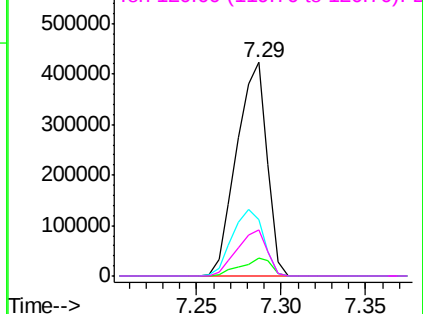
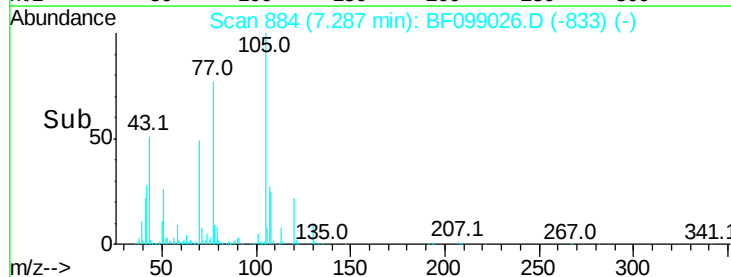


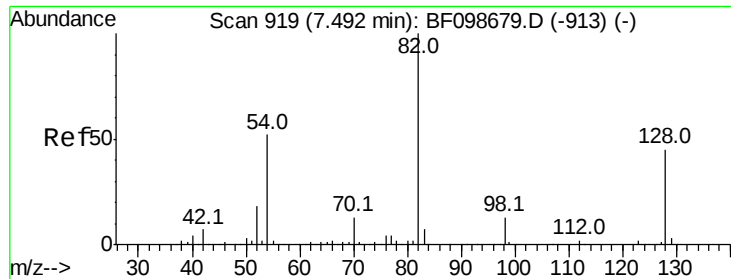
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

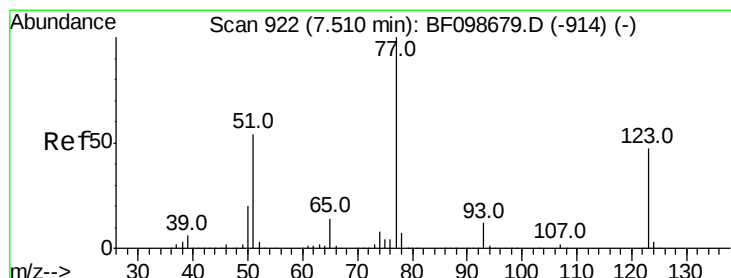
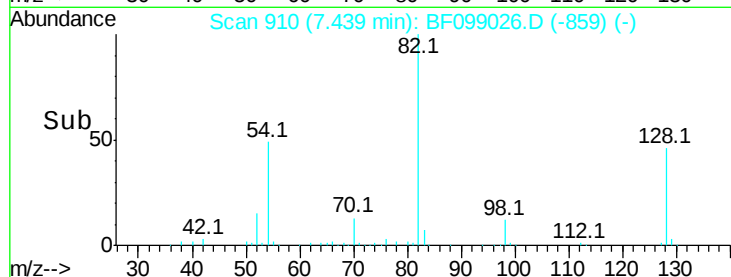
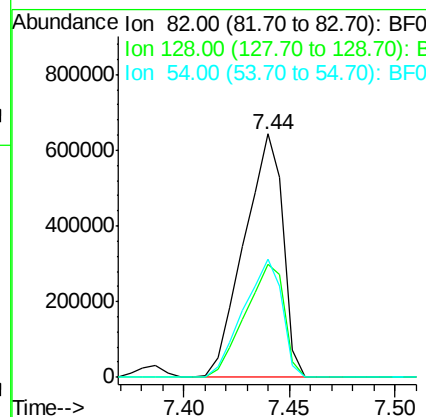
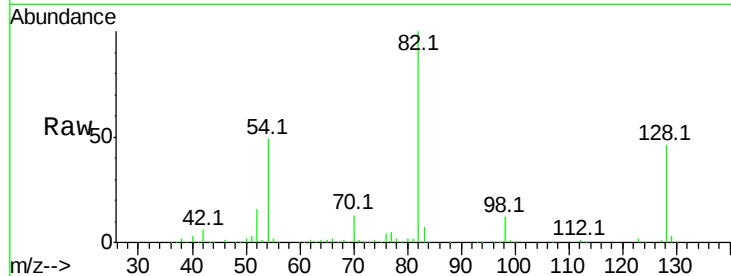




#23
Nitrobenzene-d5
Concen: 90.987 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

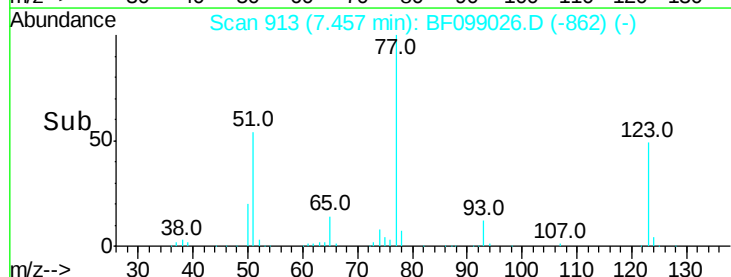
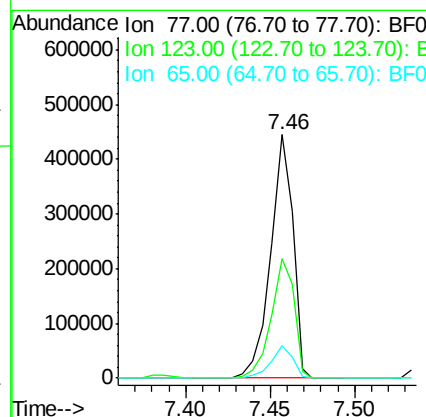
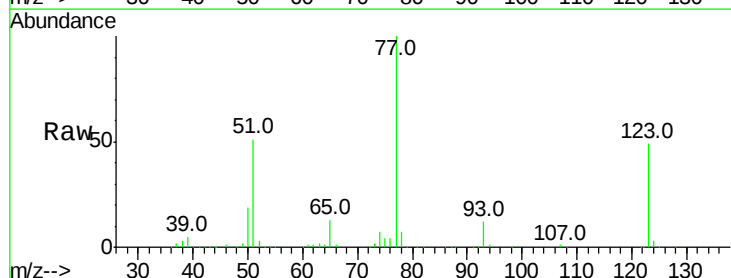
Instrument :
BNA_F
ClientSampled :

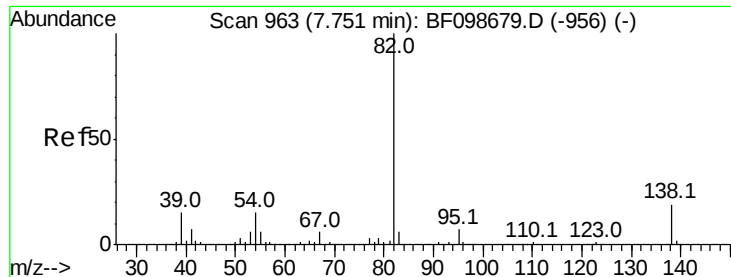
Tot Ion: 82 Resp: 819783
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 48.8 41.4 62.2



#24
Nitrobenzene
Concen: 39.882 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion: 77 Resp: 407620
Ion Ratio Lower Upper
77 100
123 49.1 37.9 56.9
65 13.4 11.0 16.4





#25

Isophorone

Concen: 41.214 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

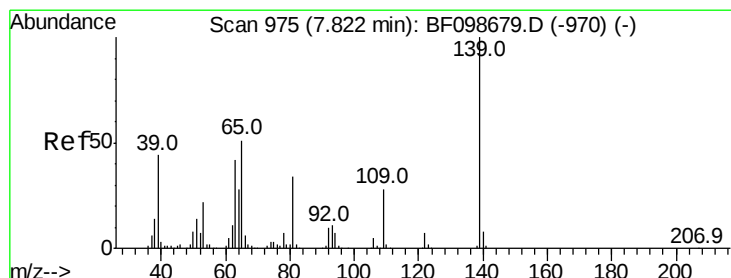
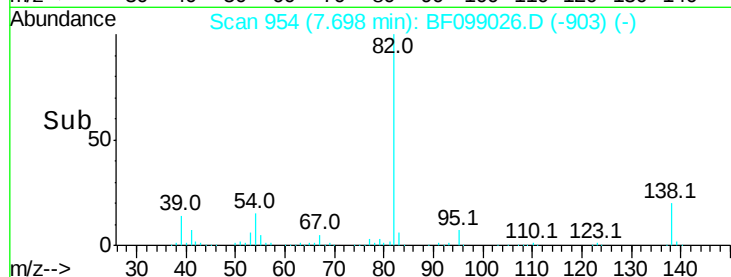
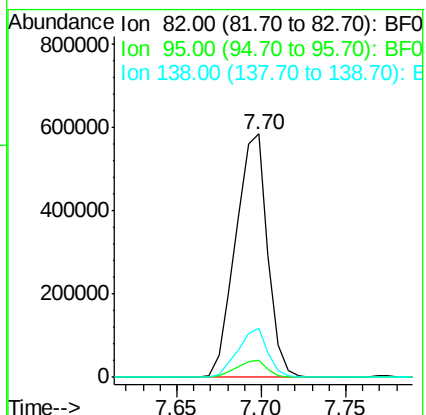
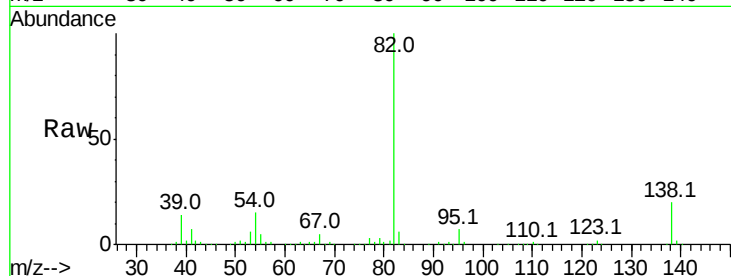
Tot Ion: 82 Resp: 767739

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

138 19.9 14.9 22.3



#26

2-Nitrophenol

Concen: 45.633 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

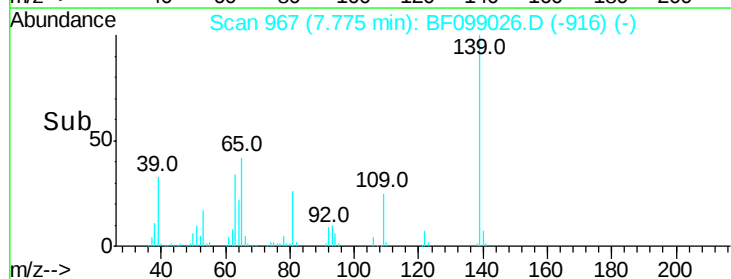
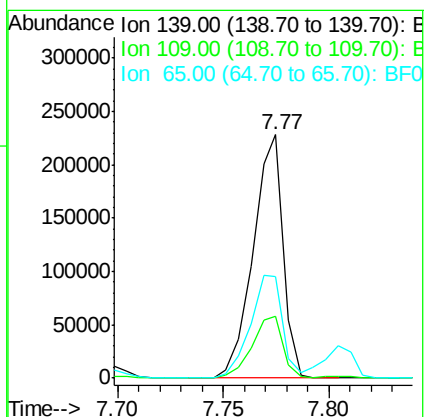
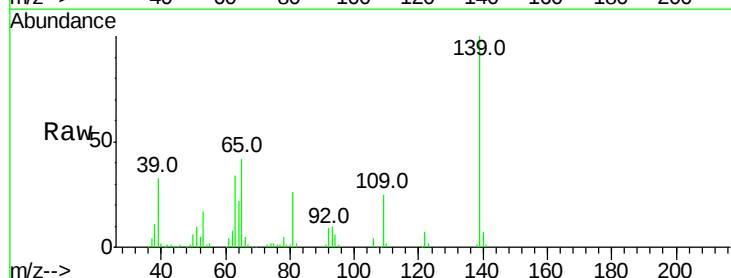
Tgt Ion: 139 Resp: 224279

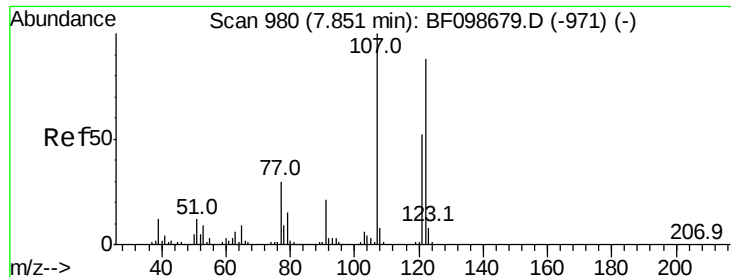
Ion Ratio Lower Upper

139 100

109 25.2 22.7 34.1

65 41.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 41.540 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampled :

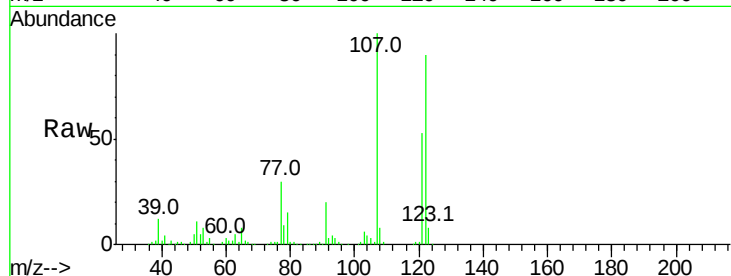
Tot Ion:122 Resp: 385562

Ion Ratio Lower Upper

122 100

107 111.6 91.2 136.8

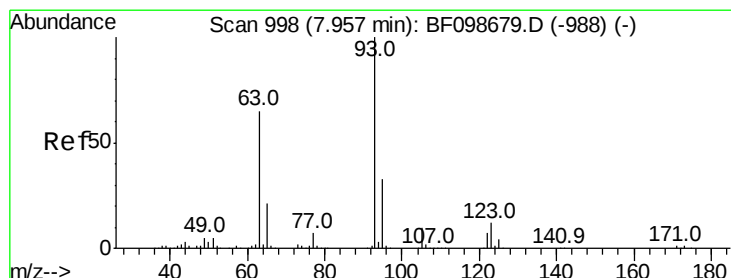
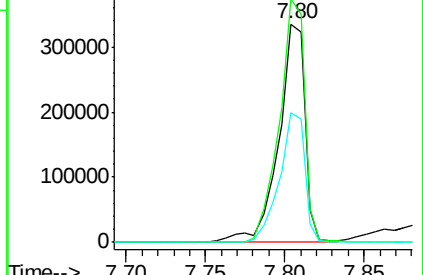
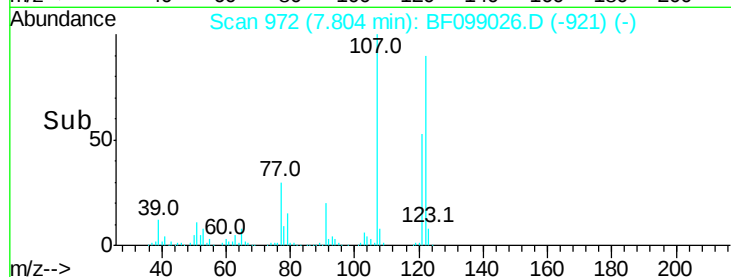
121 59.3 47.2 70.8



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: 42.229 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

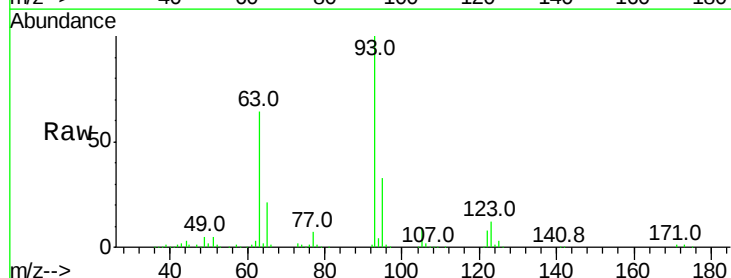
Tgt Ion: 93 Resp: 490231

Ion Ratio Lower Upper

93 100

95 32.6 26.3 39.5

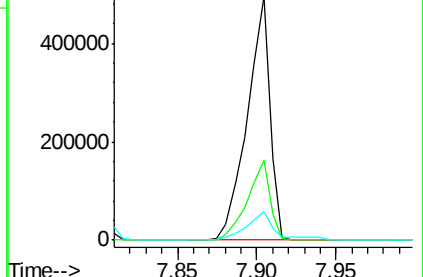
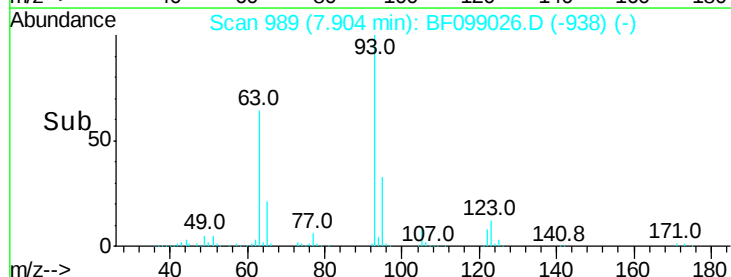
123 11.8 9.8 14.6

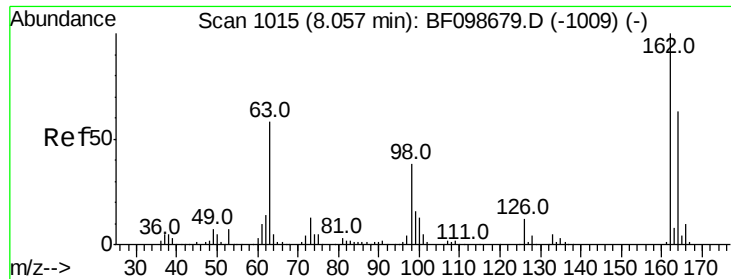


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

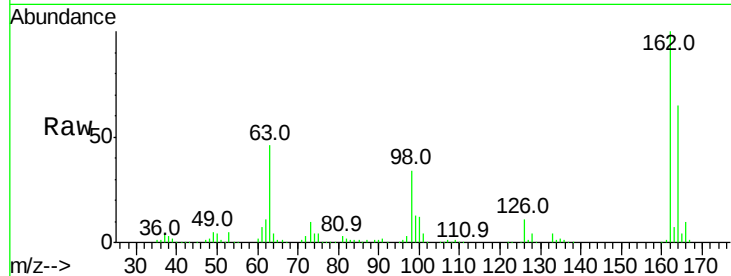




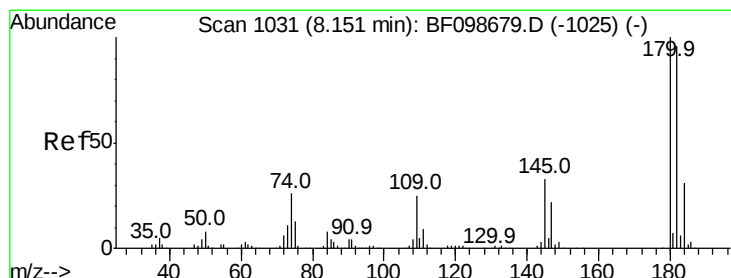
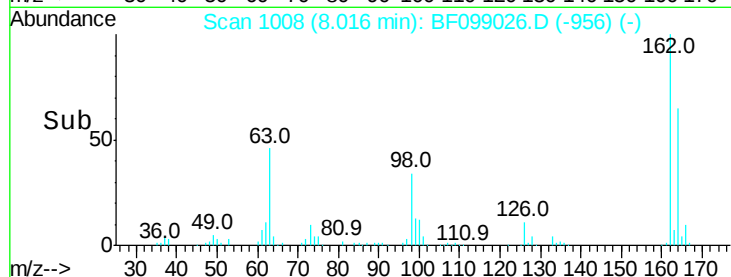
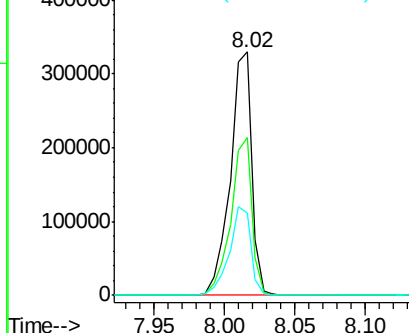
#29
 2,4-Dichlorophenol
 Concen: 43.673 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. 0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 348032
 Ion Ratio Lower Upper
 162 100
 164 64.6 42.7 82.7
 98 33.6 18.1 58.1

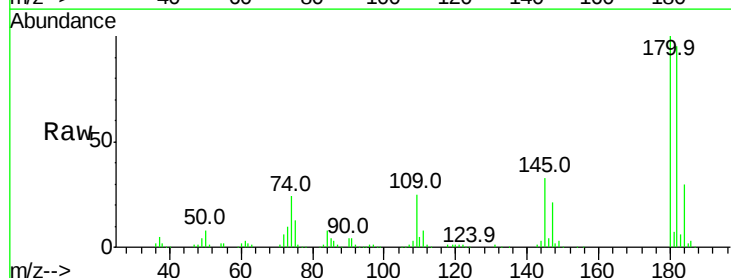


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

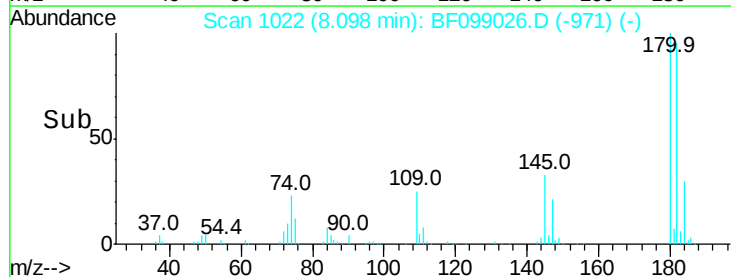
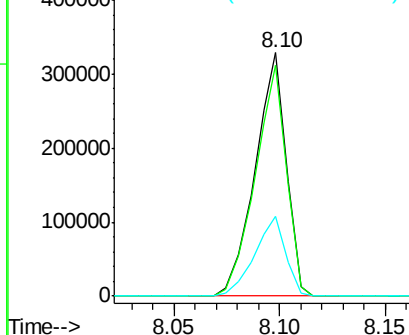


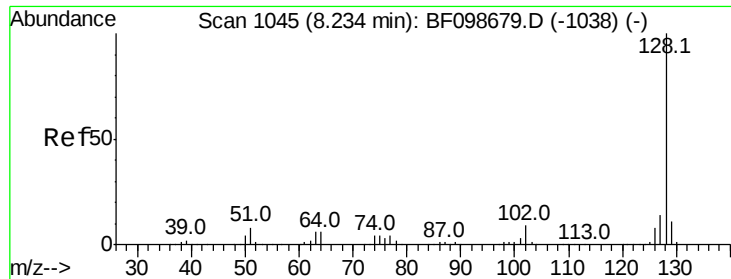
#30
 1,2,4-Trichlorobenzene
 Concen: 42.127 ng
 RT: 8.10 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion:180 Resp: 335765
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.8 115.2
 145 32.8 26.5 39.7



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

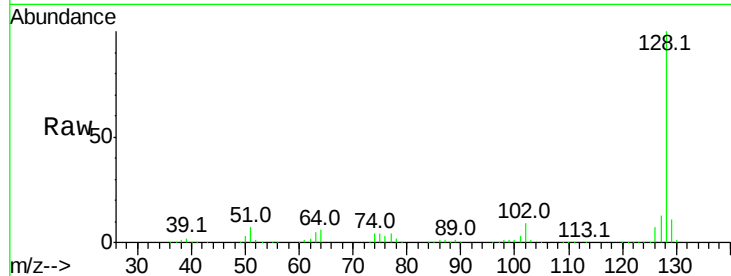




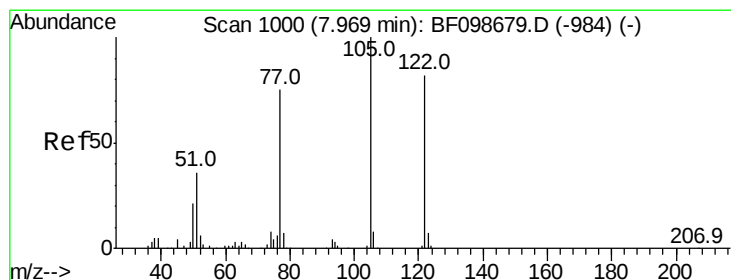
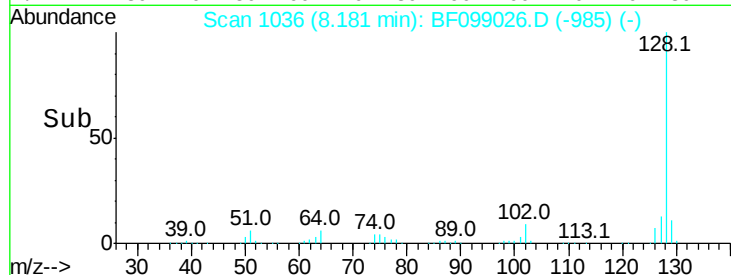
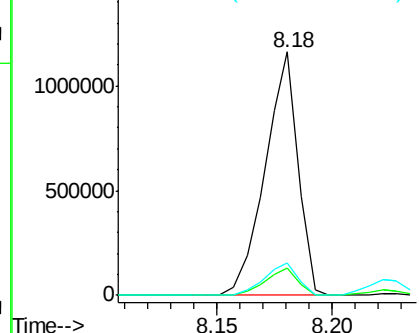
#31
Naphthalene
Concen: 42.164 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1144218
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.3 10.9 16.3

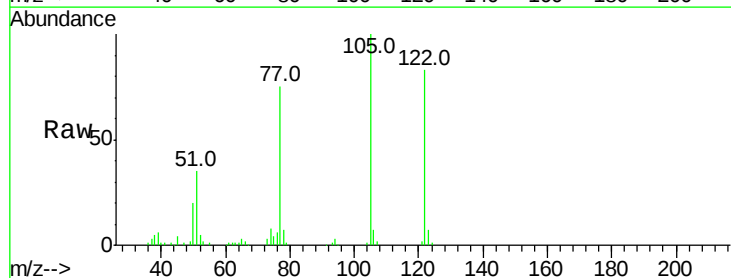


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

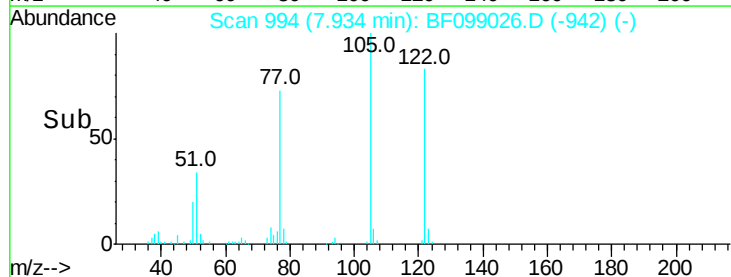
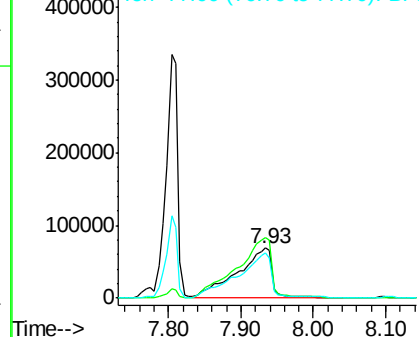


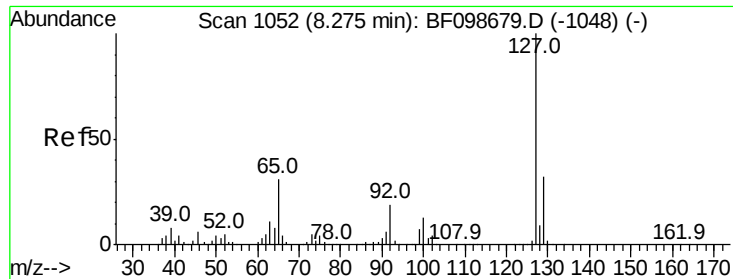
#32
Benzoic acid
Concen: 30.157 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion:122 Resp: 229925
Ion Ratio Lower Upper
122 100
105 120.1 101.1 141.1
77 89.9 70.7 110.7



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

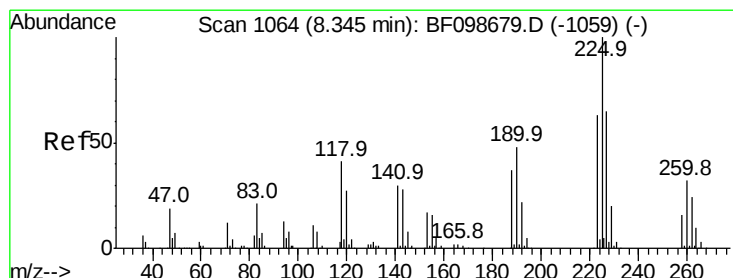
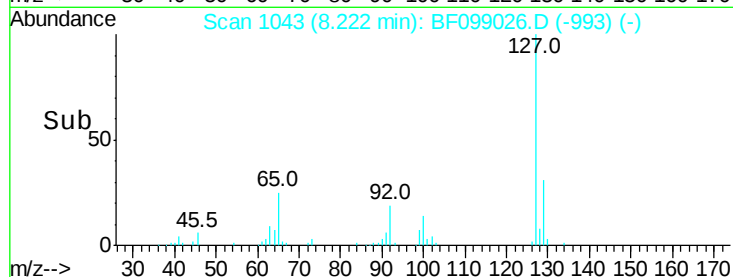
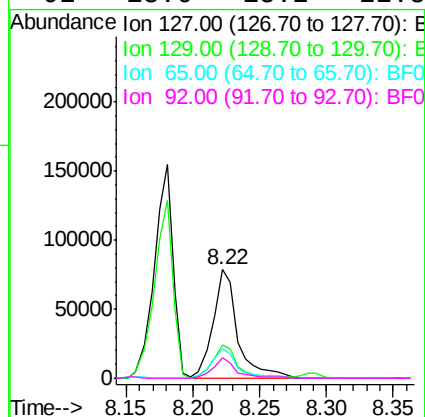
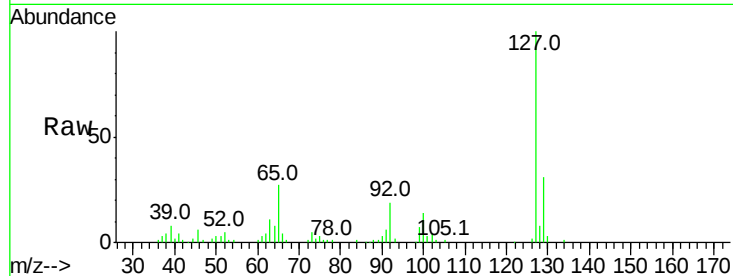




#33
4-Chloroaniline
Concen: 9.061 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

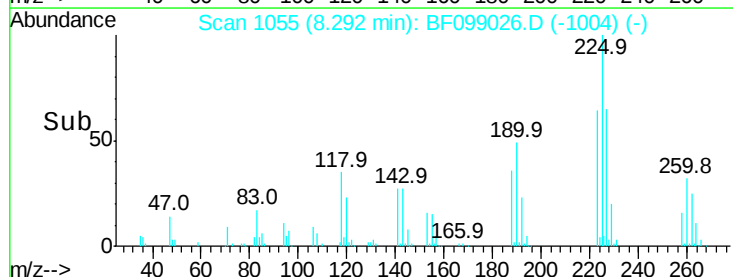
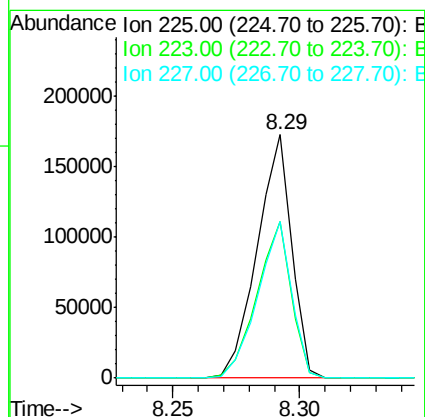
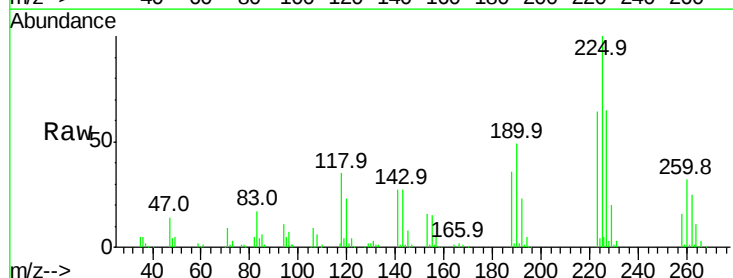
Instrument :
BNA_F
ClientSampled :

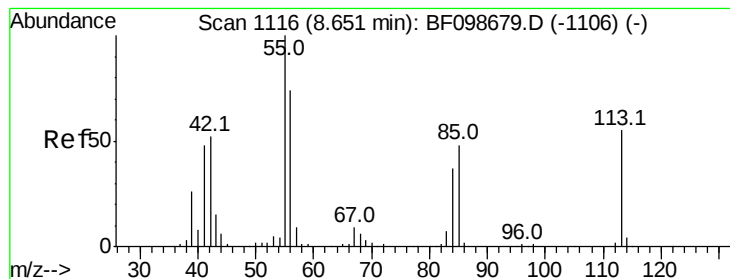
Tot Ion:	127	Resp:	102679
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.9	38.9
65	27.4	25.0	37.4
92	18.6	15.2	22.8



#34
Hexachlorobutadiene
Concen: 40.077 ng
RT: 8.29 min Scan# 1055
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion:	225	Resp:	164530
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	76.0
227	64.5	51.9	77.9





#35

Caprolactam

Concen: 20.502 ng

RT: 8.65 min Scan# 1115

Delta R.T. 0.04 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampled :

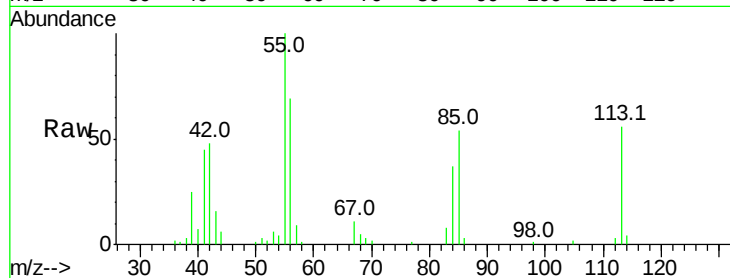
Tot Ion:113 Resp: 52409

Ion Ratio Lower Upper

113 100

55 180.1 163.3 203.3

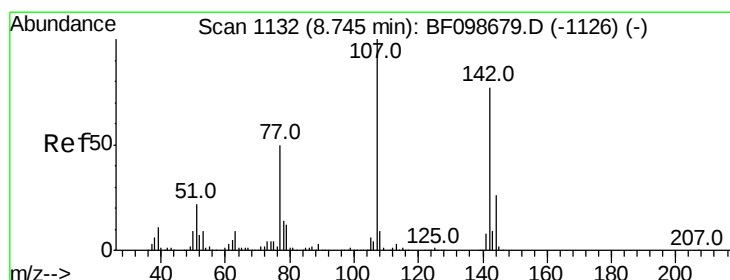
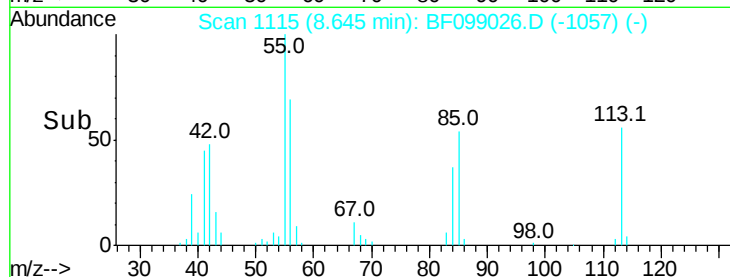
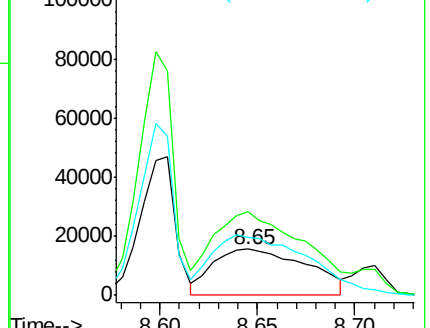
56 124.3 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.004 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

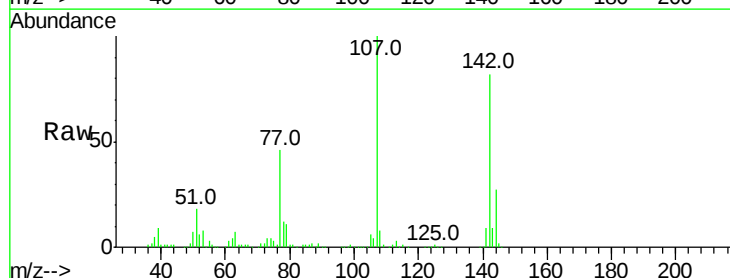
Tgt Ion:107 Resp: 367279

Ion Ratio Lower Upper

107 100

144 26.7 20.5 30.7

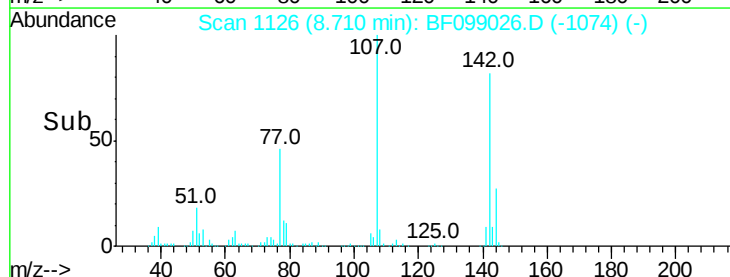
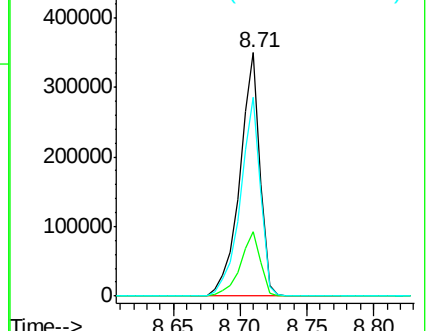
142 81.6 62.0 93.0

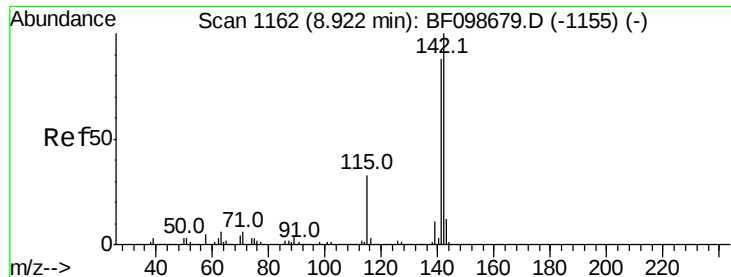


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

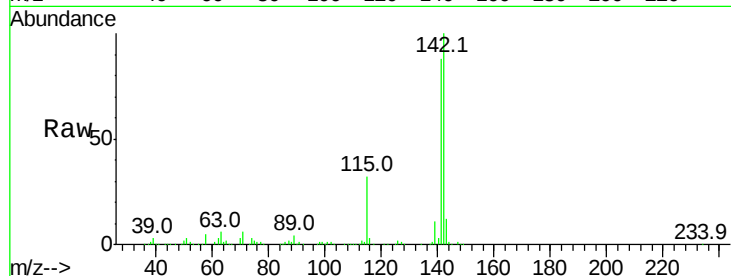




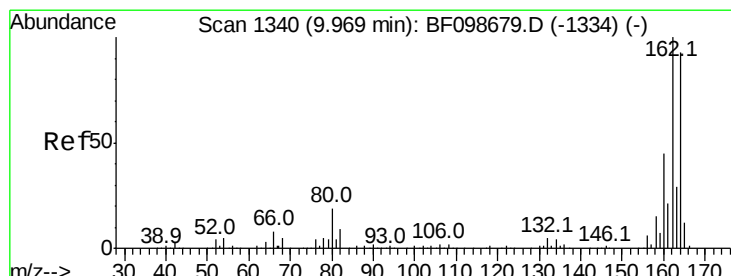
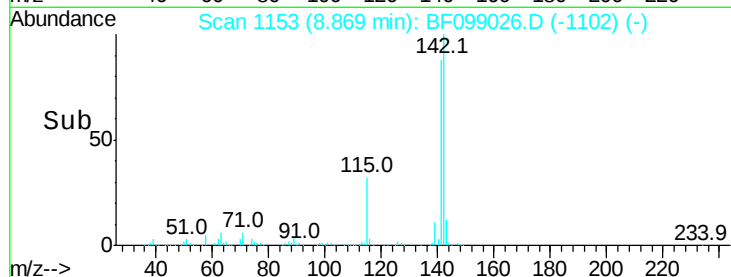
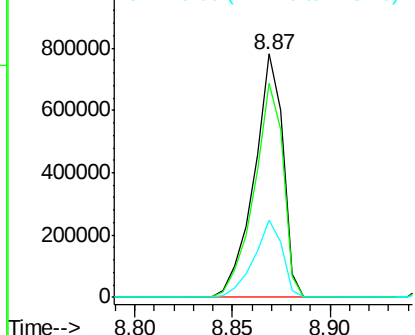
#37
2-Methylnaphthalene
Concen: 45.298 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 799132
Ion Ratio Lower Upper
142 100
141 87.9 70.8 106.2
115 31.6 26.1 39.1

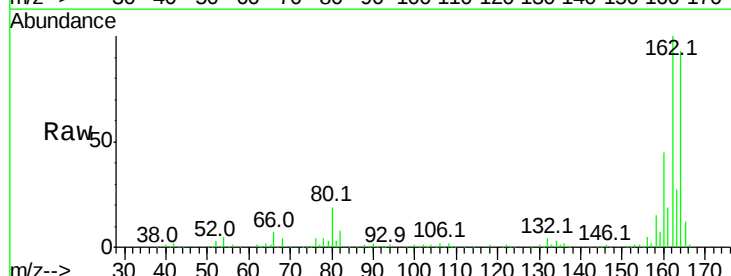


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

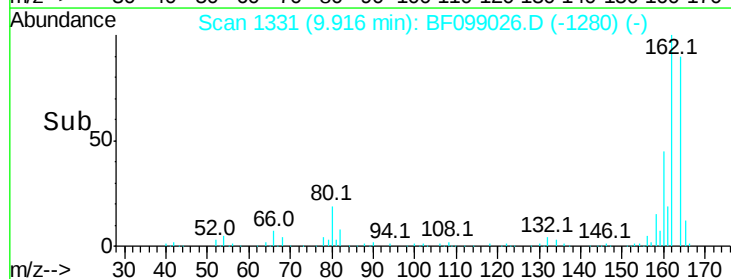
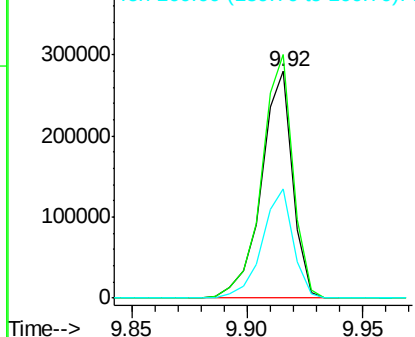


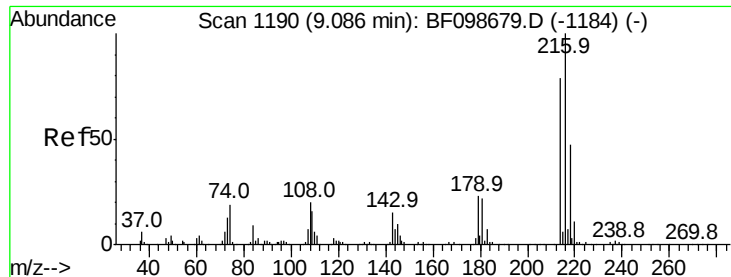
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion:164 Resp: 263466
Ion Ratio Lower Upper
164 100
162 107.3 86.1 129.1
160 48.1 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.933 ng

RT: 9.03 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 305908

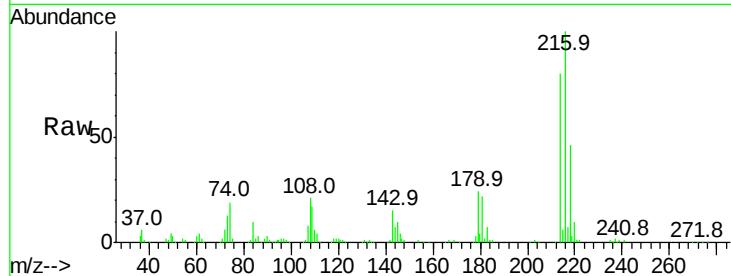
Ion Ratio Lower Upper

216 100

214 80.3 63.0 94.4

179 22.6 18.1 27.1

108 22.3 17.2 25.8

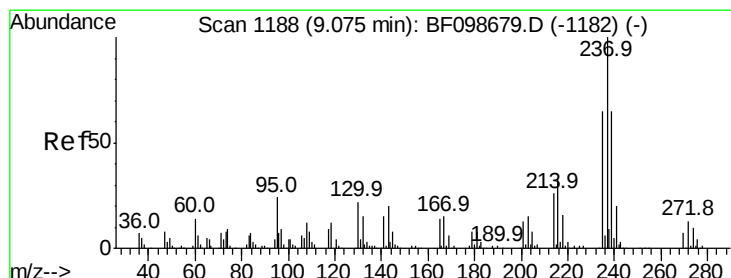
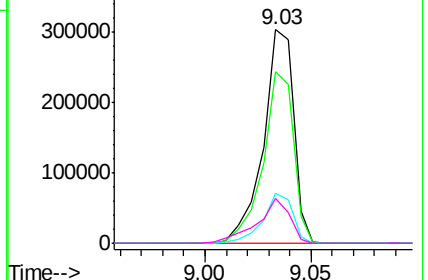
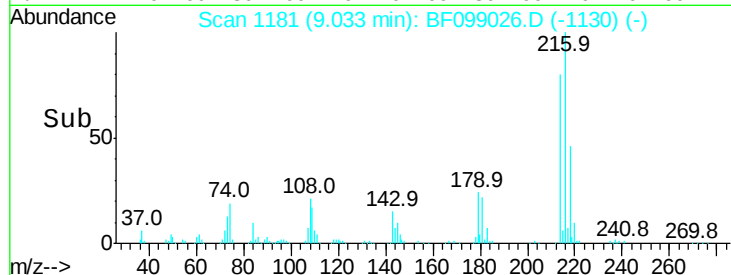


Abundance Ion 216.00 (215.70 to 216.70): E

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: 81.104 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

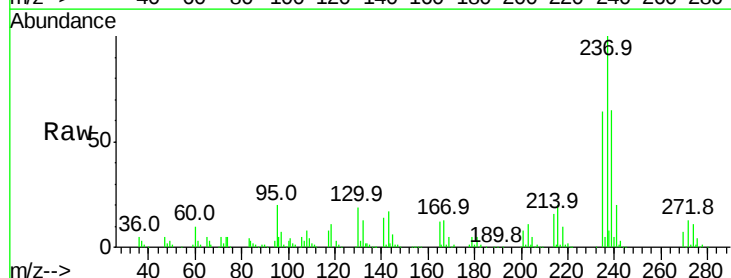
Tgt Ion:237 Resp: 291225

Ion Ratio Lower Upper

237 100

235 64.0 44.8 84.8

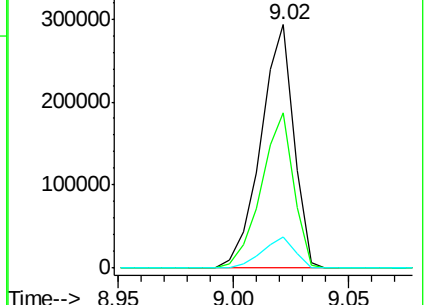
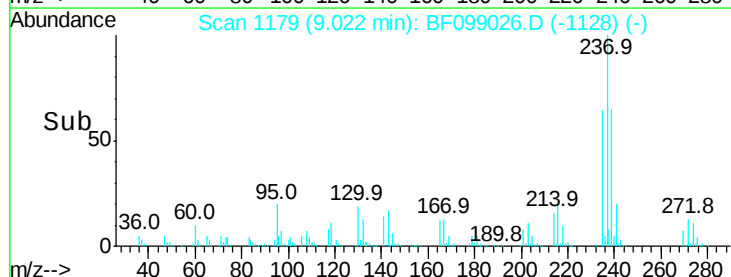
272 12.7 0.0 33.3

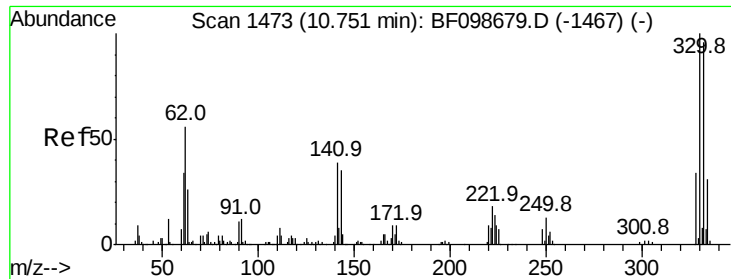


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

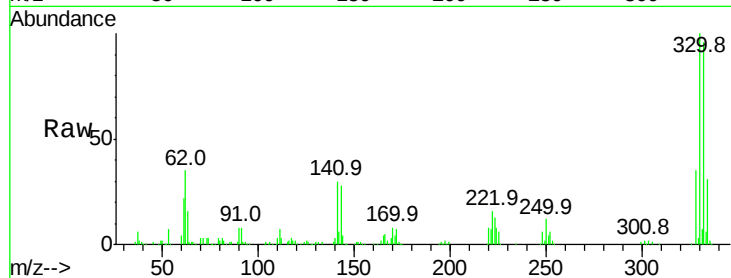




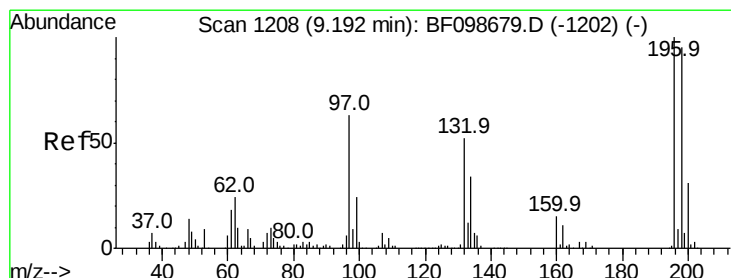
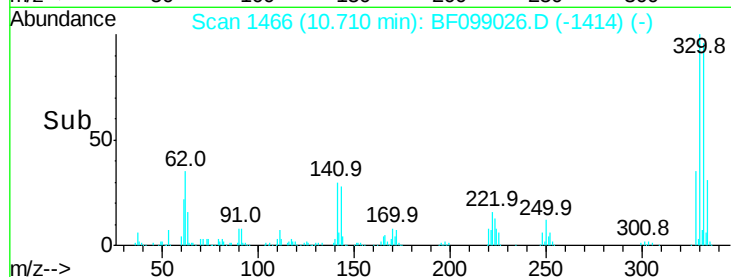
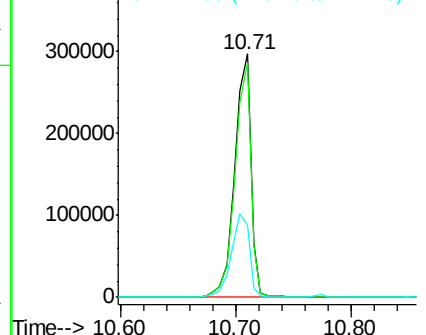
#41
 2,4,6-Tribromophenol
 Concen: 135.060 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	38.0	29.9	44.9

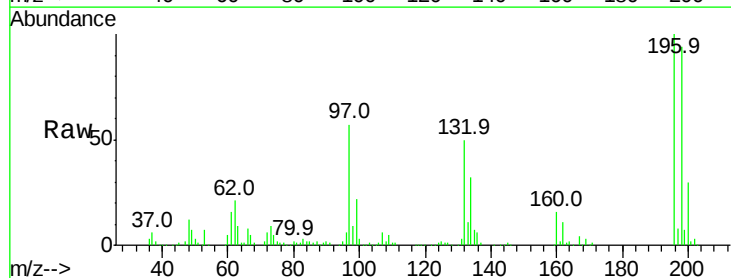


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

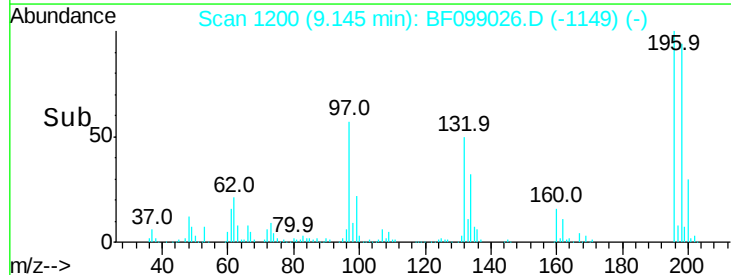
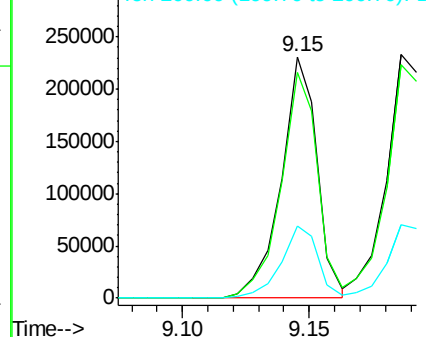


#42
 2,4,6-Trichlorophenol
 Concen: 41.229 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.8	75.7	113.5
200	30.1	24.5	36.7



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

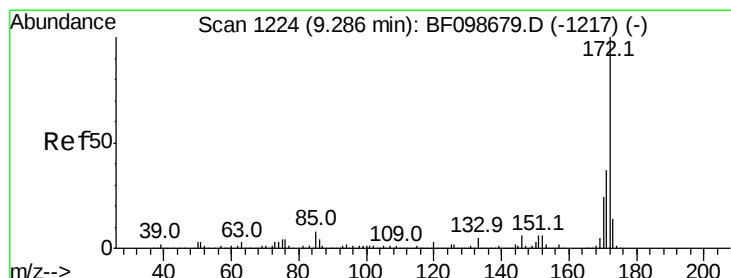
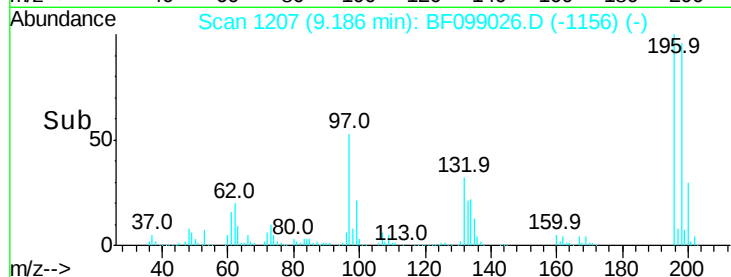
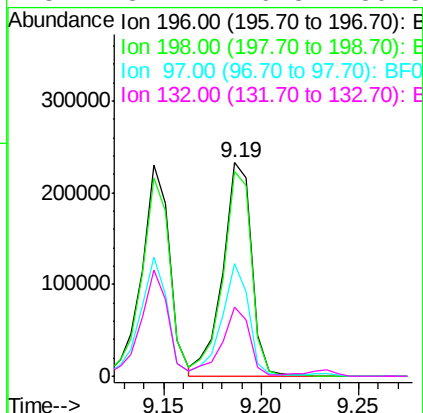
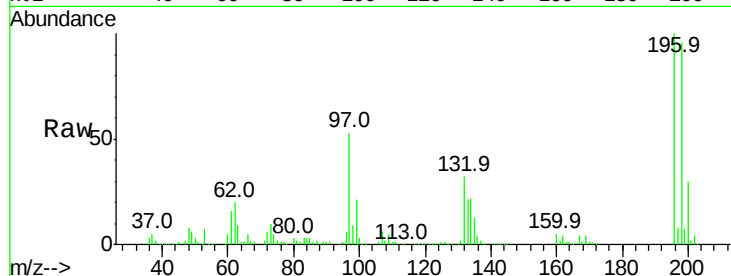




#43
 2,4,5-Trichlorophenol
 Concen: 42.837 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

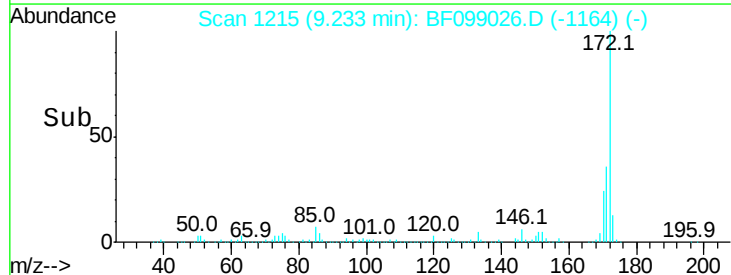
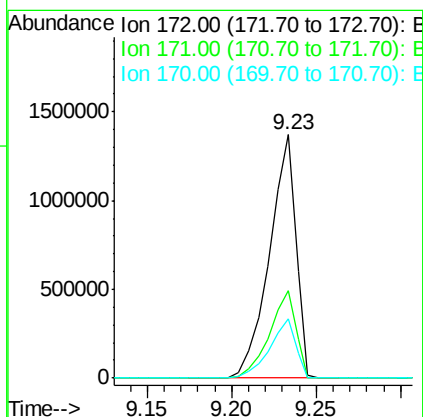
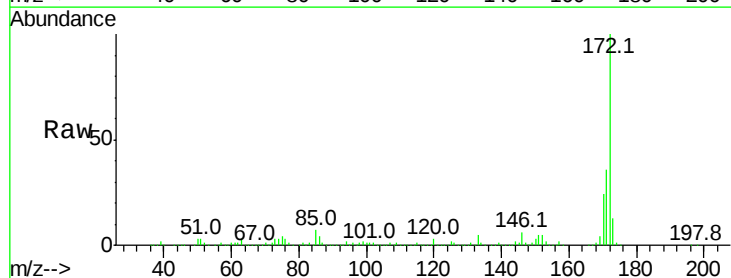
Instrument :
 BNA_F
 ClientSampleId :

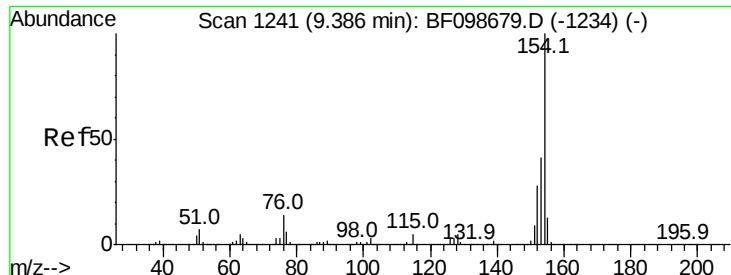
Tot Ion:	196	Resp:	238032
Ion	Ratio	Lower	Upper
196	100		
198	95.8	74.6	112.0
97	52.5	42.9	64.3
132	32.4	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 94.097 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion:	172	Resp:	1485026
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	19.6	29.4

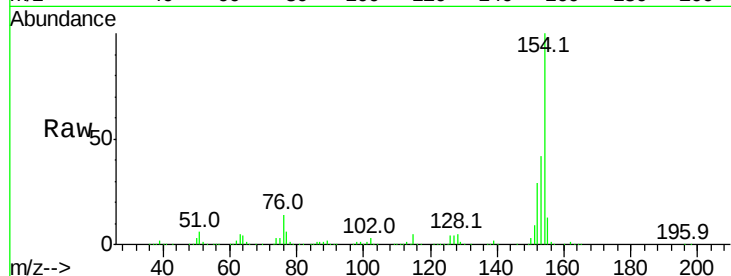




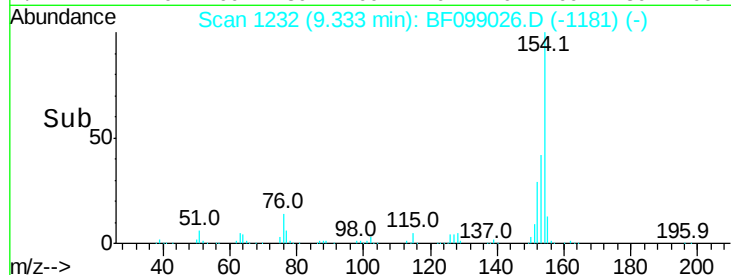
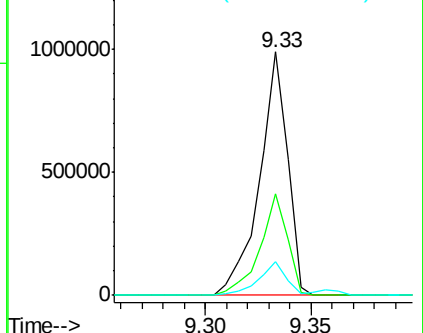
#45
 1,1'-Biphenyl
 Concen: 40.459 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.3	61.3
76	13.9	0.0	34.0

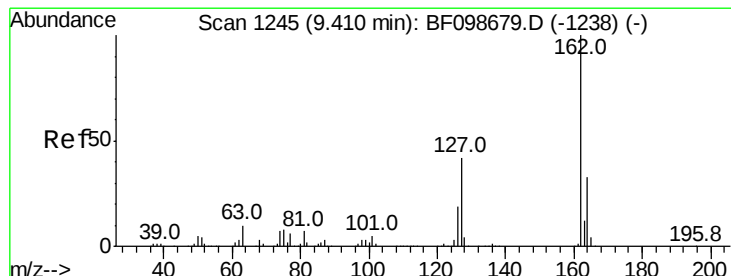


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

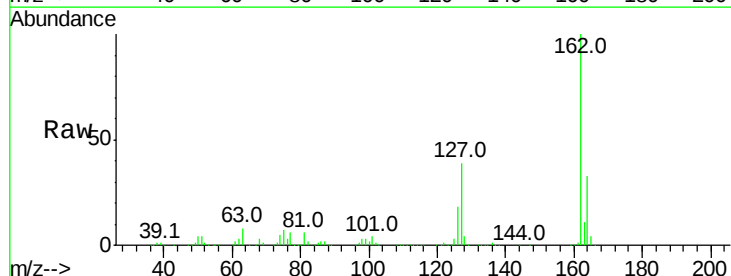
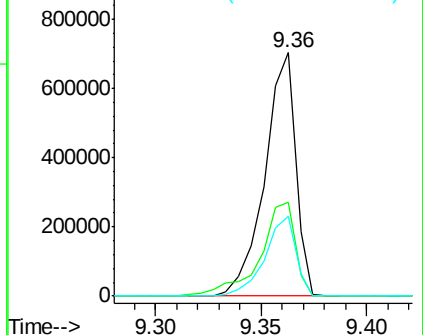


#46
 2-Chloronaphthalene
 Concen: 42.324 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.7	33.9	50.9
164	32.8	26.5	39.7



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: 42.147 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

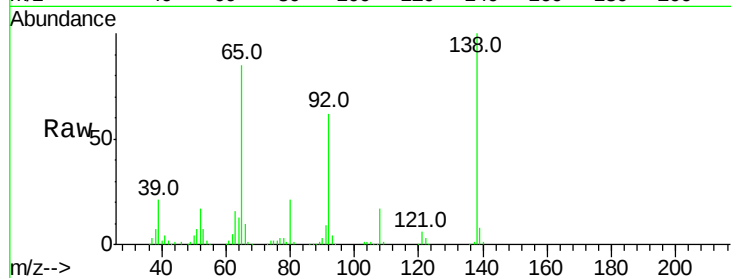
Tot Ion: 65 Resp: 219405

Ion Ratio Lower Upper

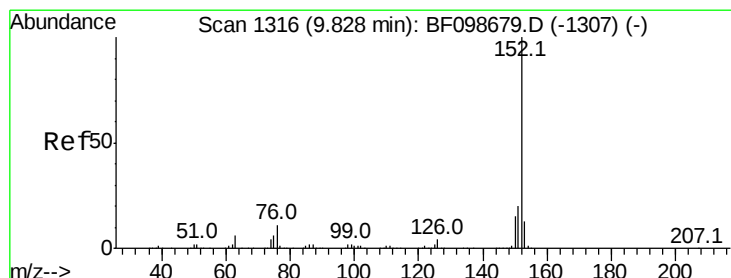
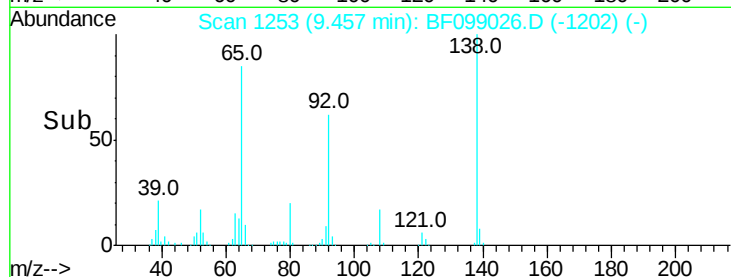
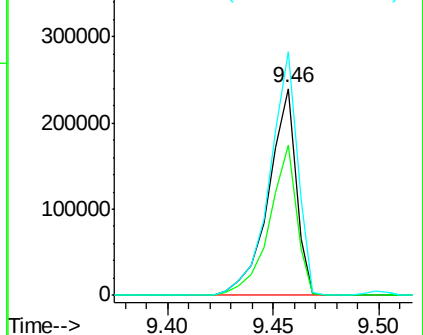
65 100

92 72.9 55.8 83.6

138 117.9 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 42.719 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

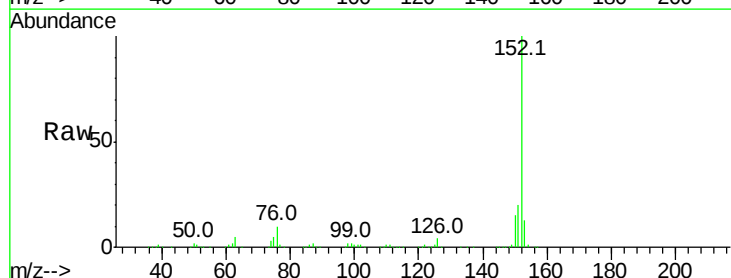
Tgt Ion: 152 Resp: 1111793

Ion Ratio Lower Upper

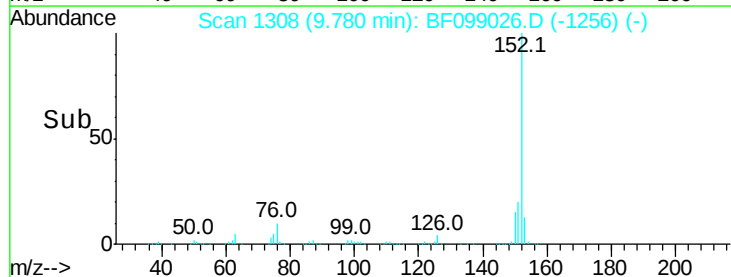
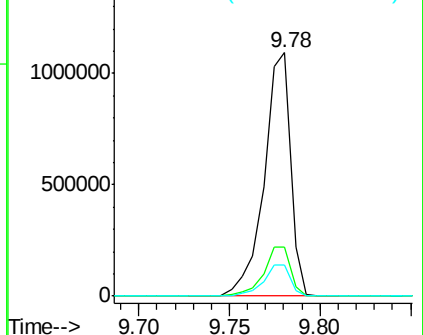
152 100

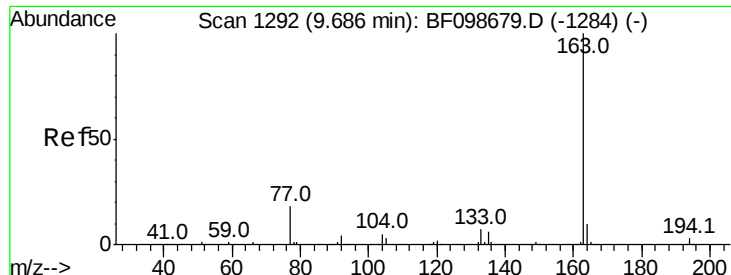
151 20.4 16.3 24.5

153 13.0 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

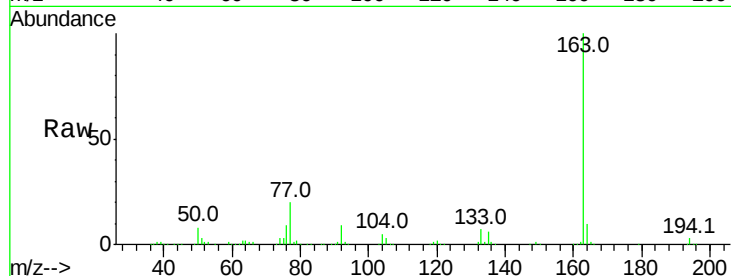




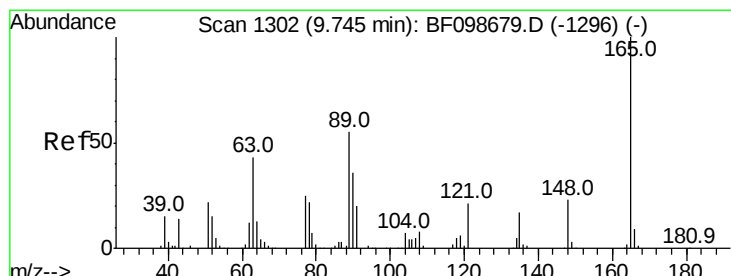
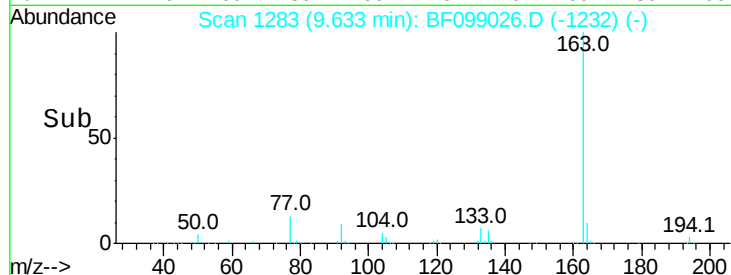
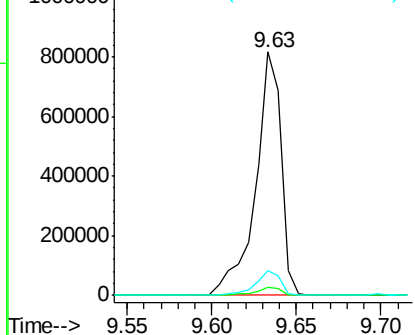
#49
Dimethylphthalate
Concen: 43.241 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 859844
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.3 8.2 12.2

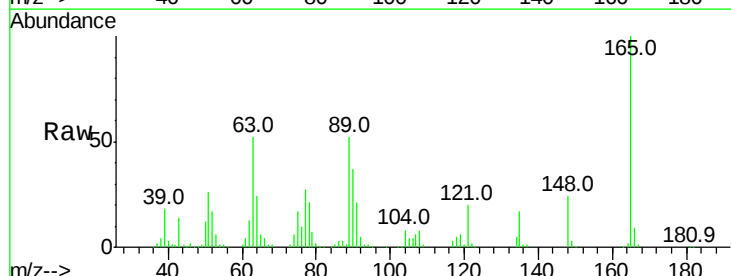


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

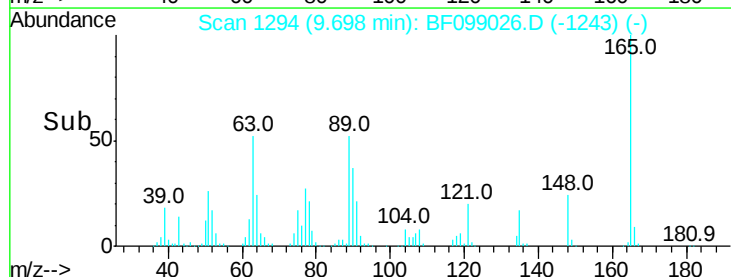
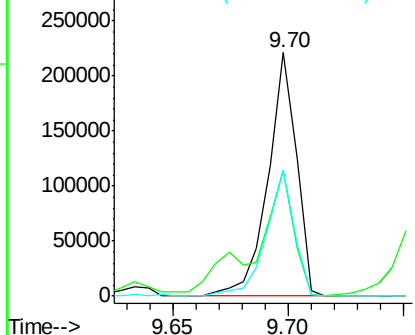


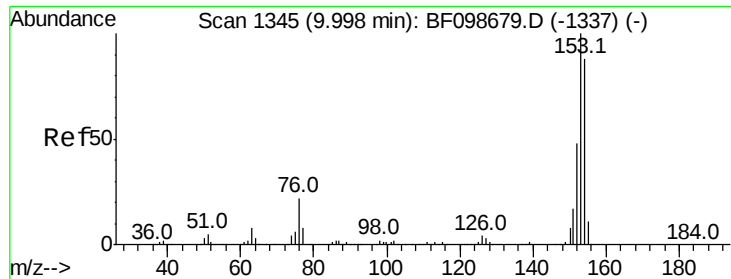
#50
2,6-Dinitrotoluene
Concen: 43.992 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion:165 Resp: 190446
Ion Ratio Lower Upper
165 100
63 51.9 44.7 67.1
89 51.9 44.0 66.0



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: 40.493 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

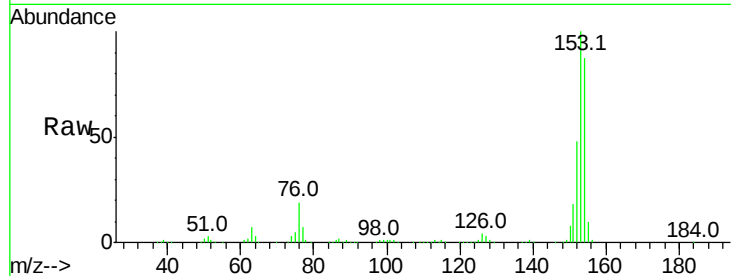
Tot Ion:154 Resp: 667566

Ion Ratio Lower Upper

154 100

153 114.4 91.2 136.8

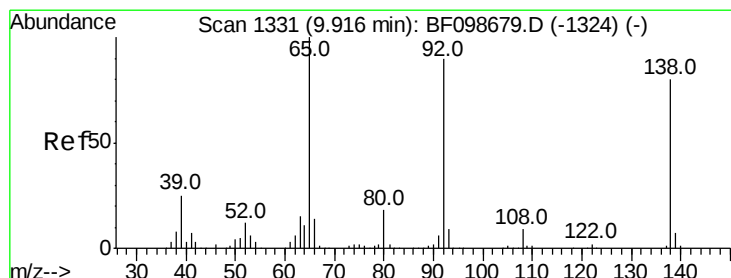
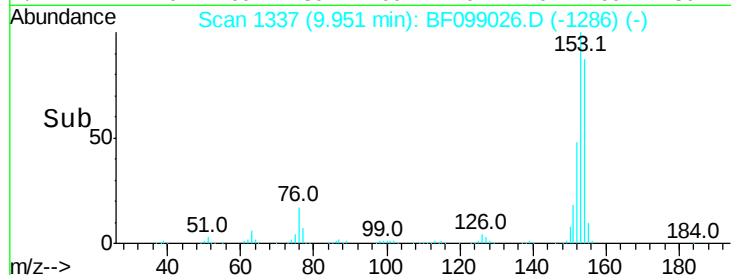
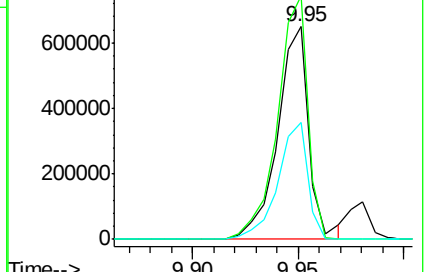
152 54.8 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.471 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

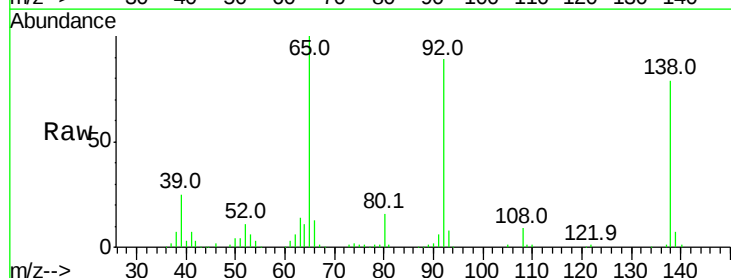
Tgt Ion:138 Resp: 88189

Ion Ratio Lower Upper

138 100

108 11.1 9.4 14.0

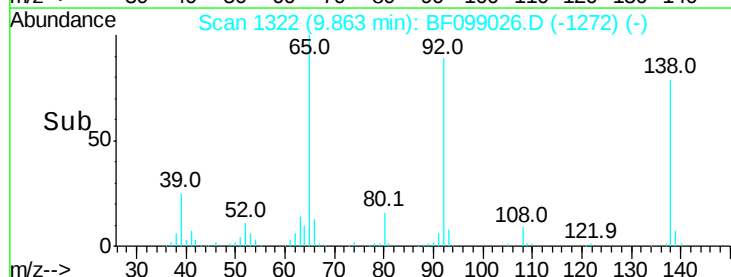
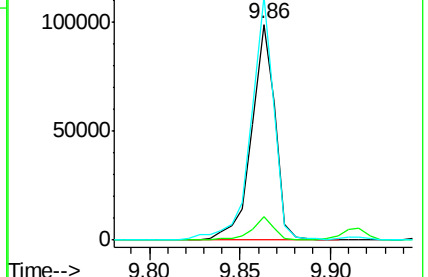
92 112.9 89.4 134.2



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

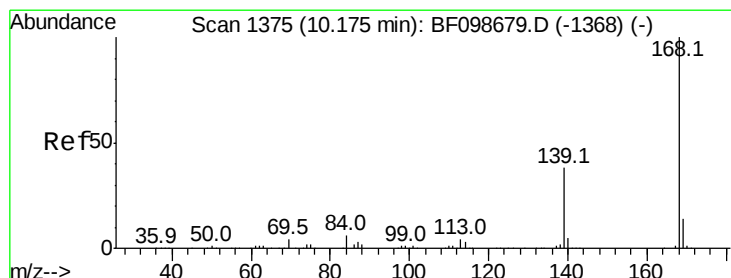
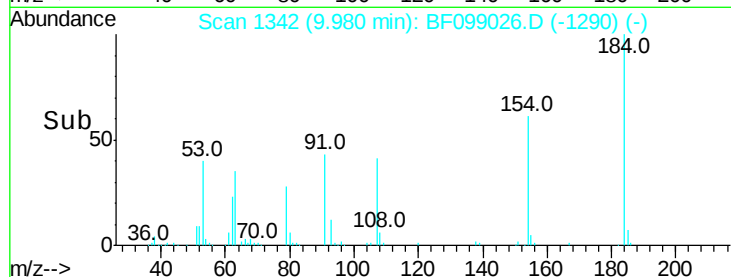
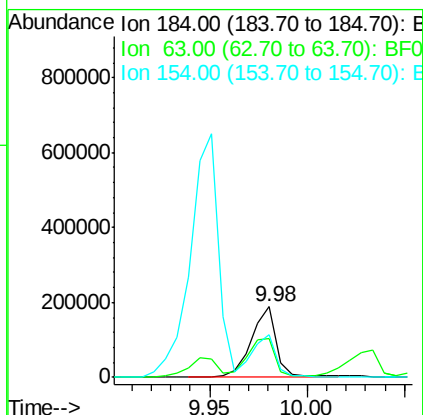
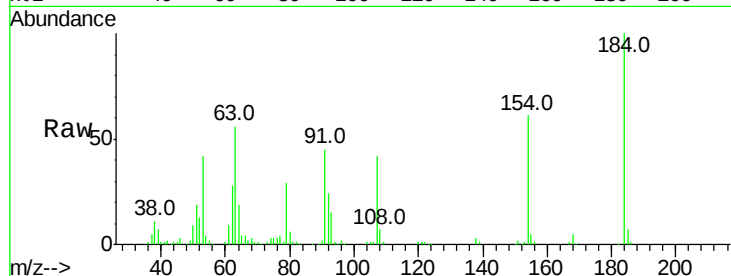




#53
 2,4-Dinitrophenol
 Concen: 75.588 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

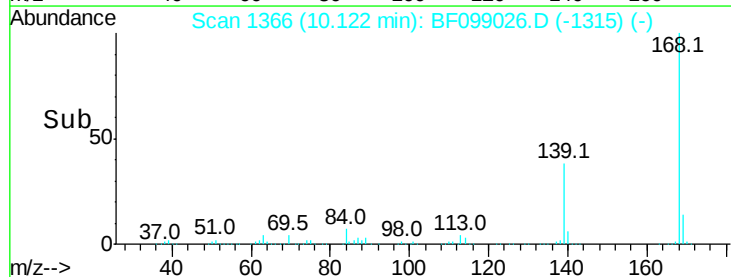
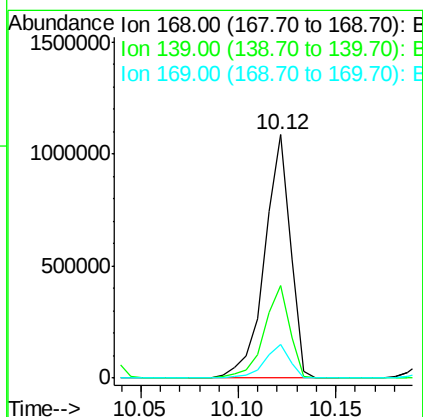
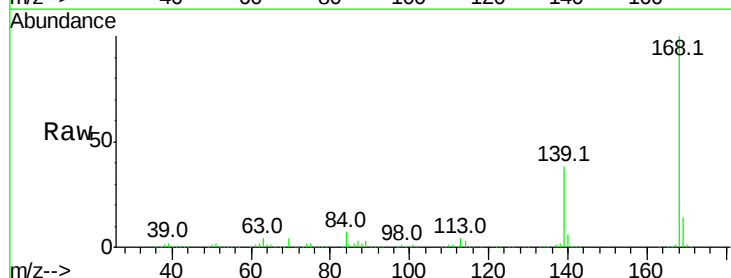
Instrument :
 BNA_F
 ClientSampleId :

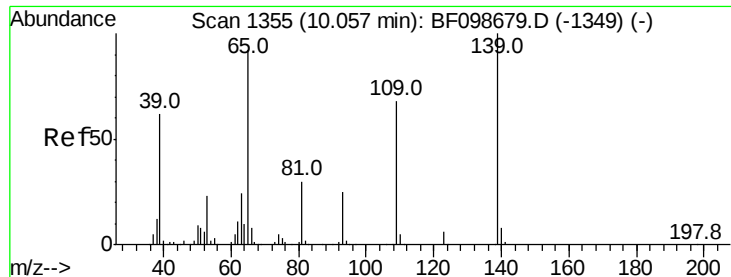
Tot Ion:184 Resp: 169583
 Ion Ratio Lower Upper
 184 100
 63 56.0 54.2 81.2
 154 61.0 53.5 80.3



#54
 Dibenzofuran
 Concen: 45.247 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion:168 Resp: 993193
 Ion Ratio Lower Upper
 168 100
 139 38.3 30.1 45.1
 169 13.9 10.9 16.3

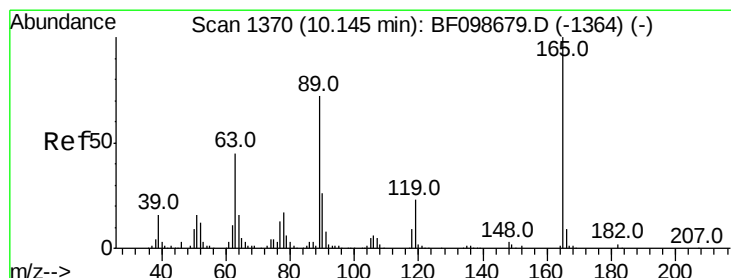
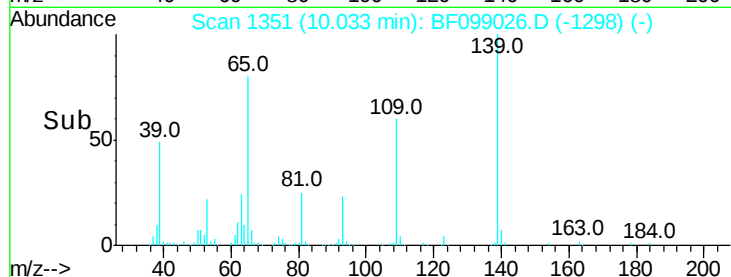
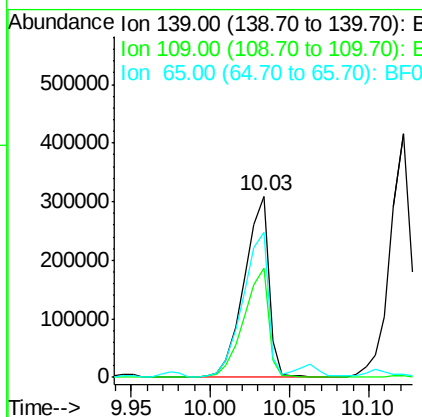
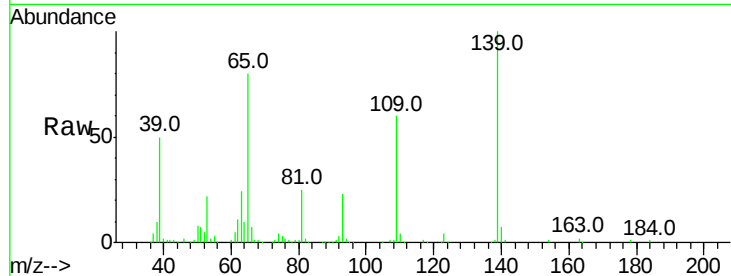




#55
4-Nitrophenol
Concen: 78.245 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

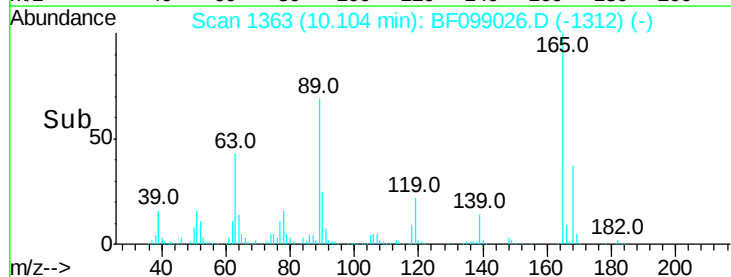
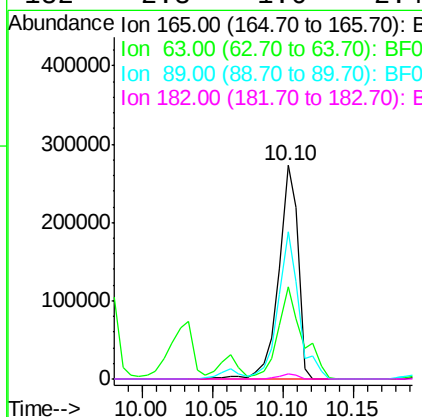
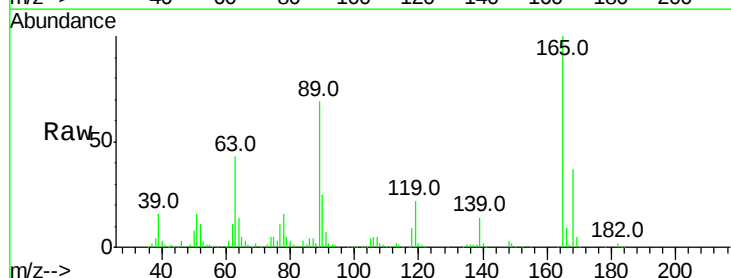
Instrument :
BNA_F
ClientSampleId :

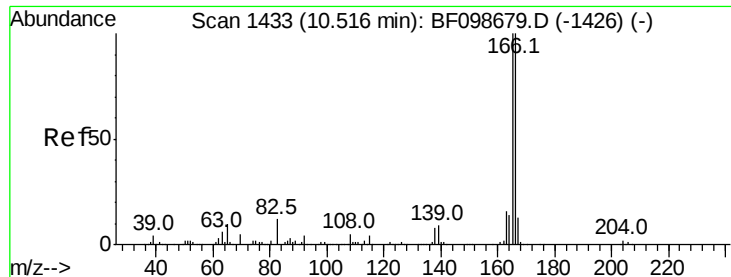
Tot Ion:139 Resp: 333964
Ion Ratio Lower Upper
139 100
109 60.0 48.4 88.4
65 80.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 46.513 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion:165 Resp: 261328
Ion Ratio Lower Upper
165 100
63 43.4 36.4 54.6
89 68.7 57.8 86.6
182 2.3 1.6 2.4





#57

Fluorene

Concen: 43.028 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

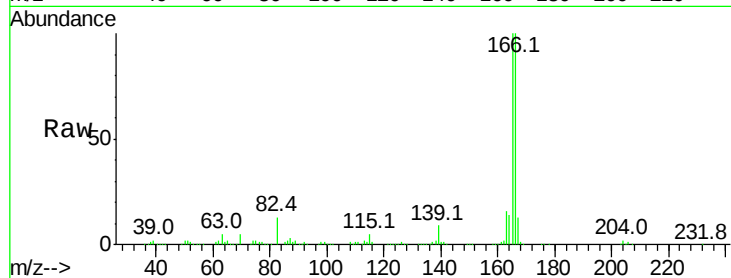
Tot Ion:166 Resp: 759138

Ion Ratio Lower Upper

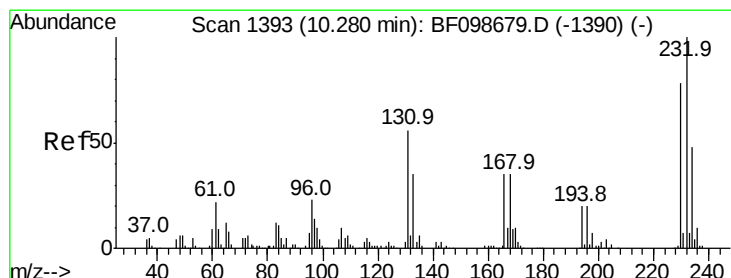
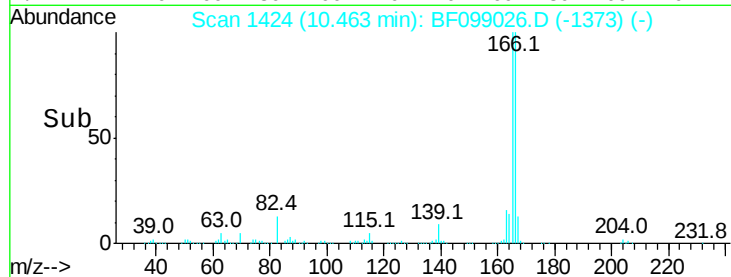
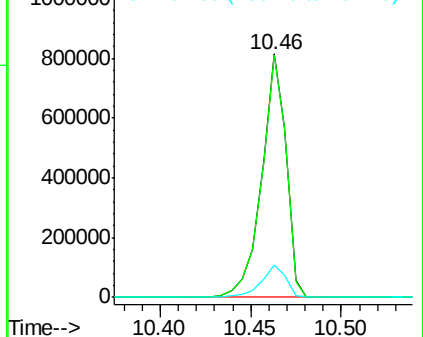
166 100

165 99.7 79.8 119.8

167 13.5 10.6 16.0



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.865 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Tgt Ion:232 Resp: 179890

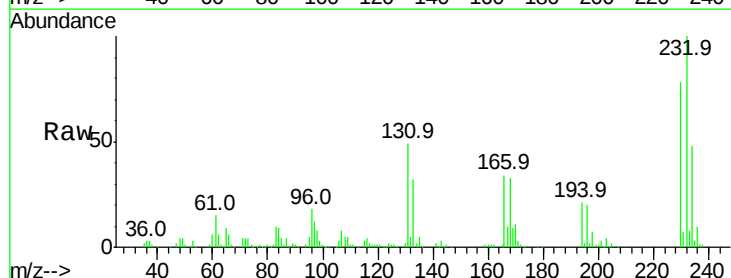
Ion Ratio Lower Upper

232 100

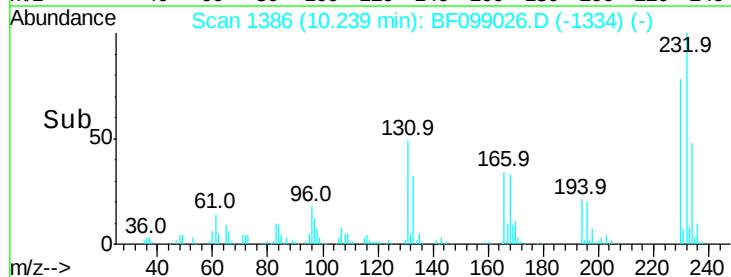
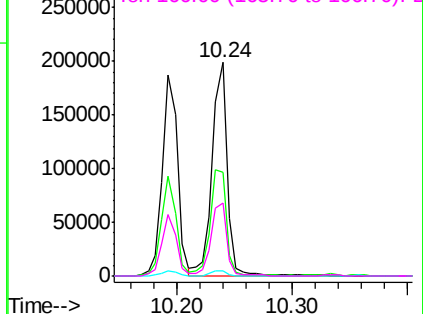
131 53.4 43.8 65.8

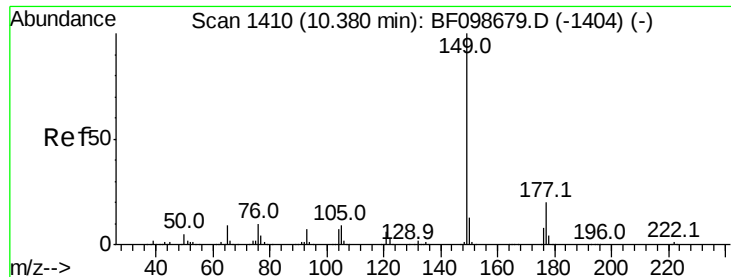
130 2.5 2.1 3.1

166 35.7 27.8 41.6



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

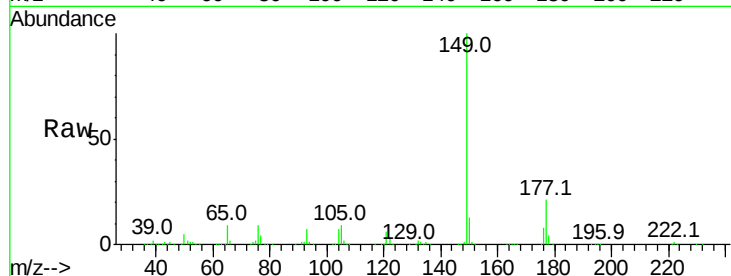




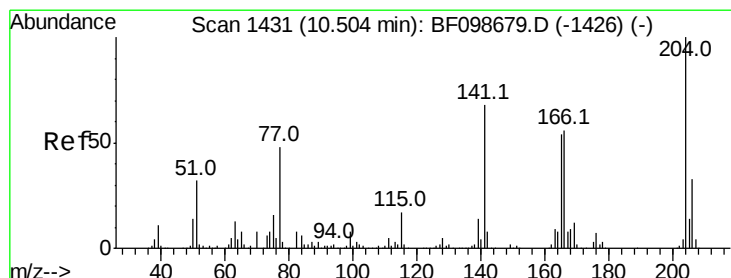
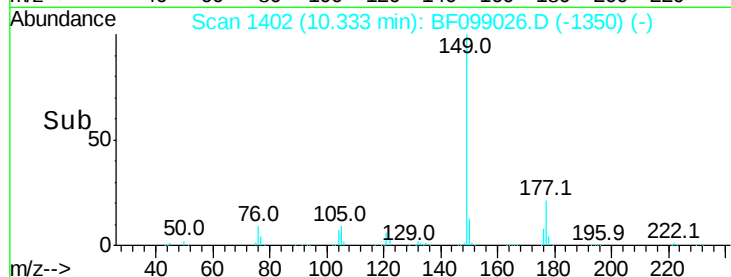
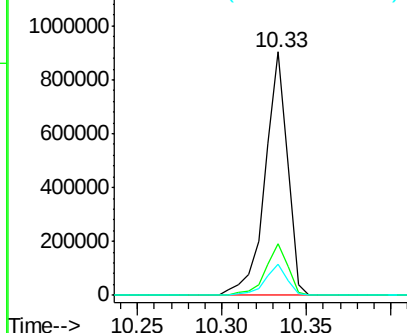
#59
Diethylphthalate
Concen: 42.280 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 821518
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.7 10.1 15.1

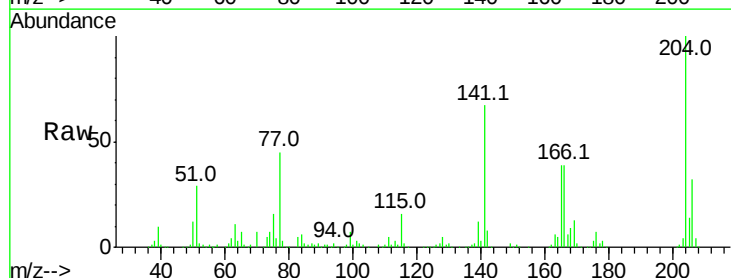


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

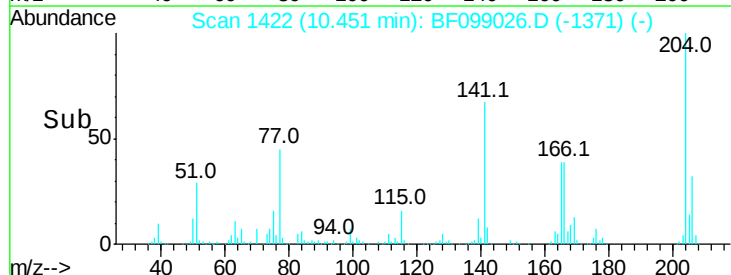
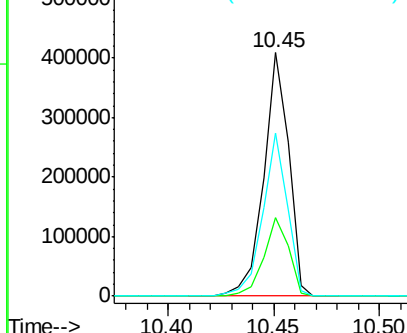


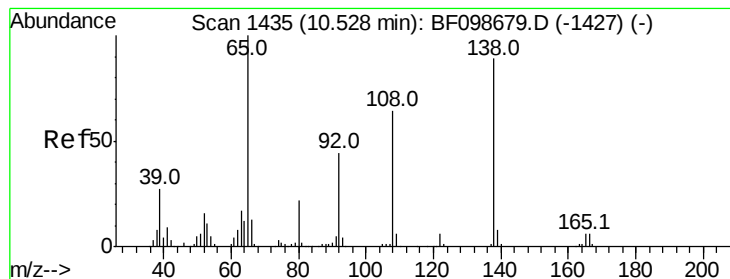
#60
4-Chlorophenyl-phenylether
Concen: 42.507 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion:204 Resp: 336878
Ion Ratio Lower Upper
204 100
206 32.4 26.5 39.7
141 66.9 54.6 81.8



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: 43.464 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampled :

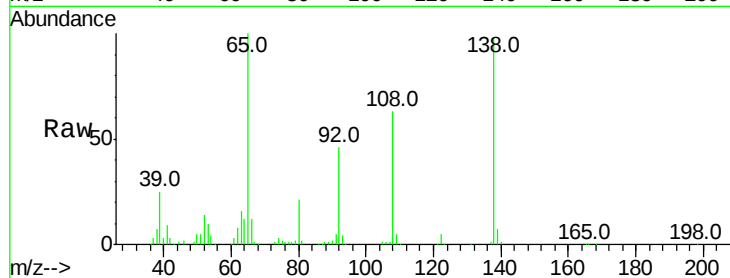
Tot Ion:138 Resp: 211665

Ion Ratio Lower Upper

138 100

92 46.9 30.2 70.2

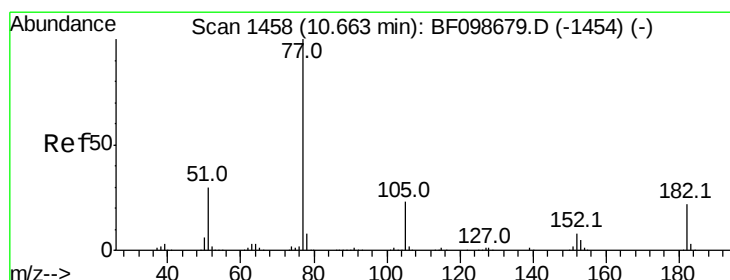
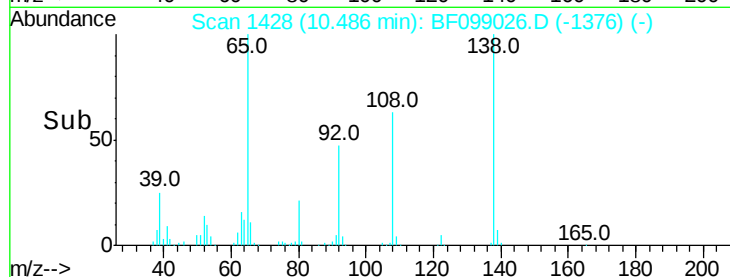
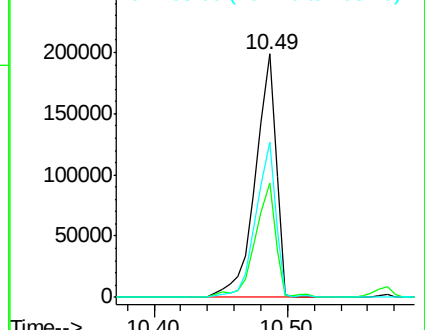
108 64.0 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.282 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Tgt Ion: 77 Resp: 791125

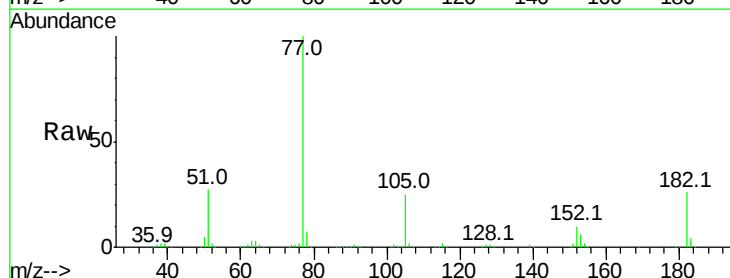
Ion Ratio Lower Upper

77 100

182 26.3 1.7 41.7

105 25.0 3.0 43.0

51 26.6 9.9 49.9

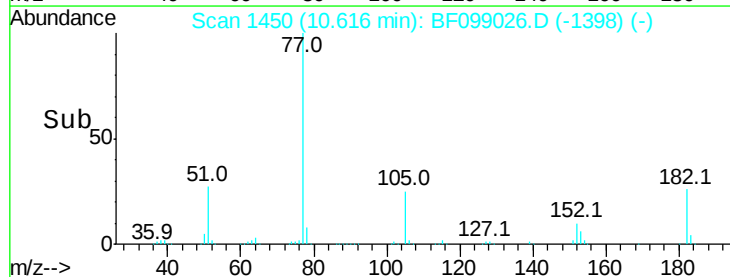
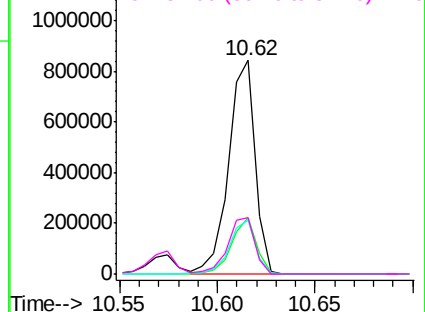


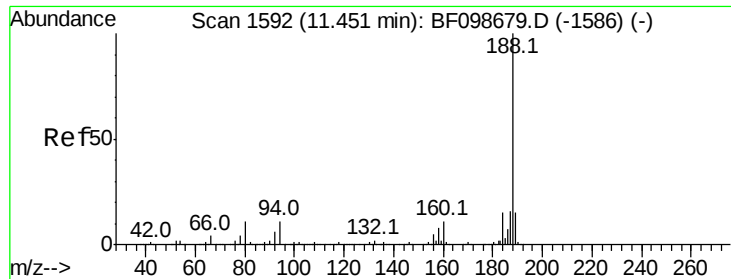
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

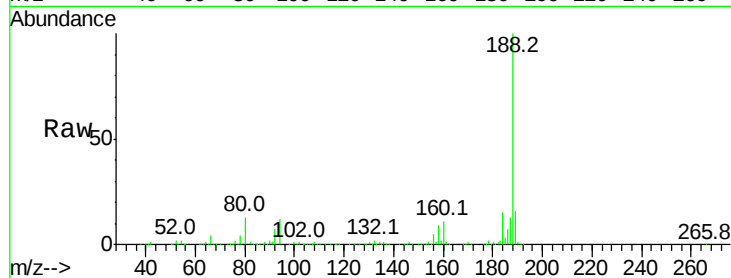




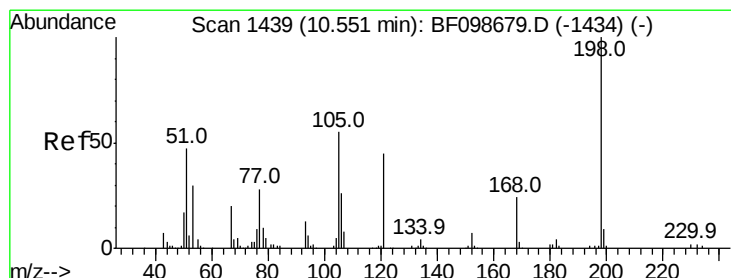
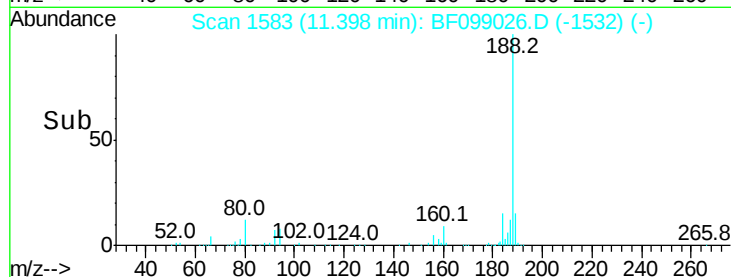
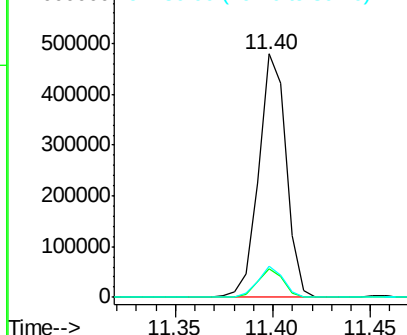
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 468264
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 12.8 9.2 13.8

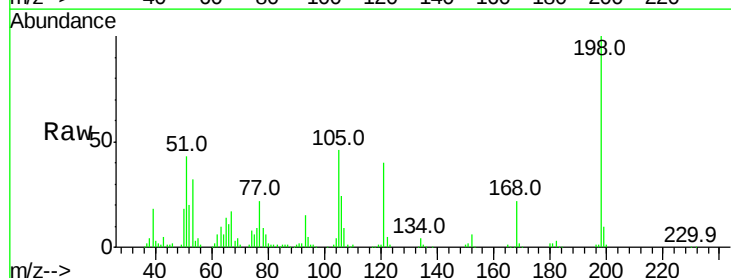


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

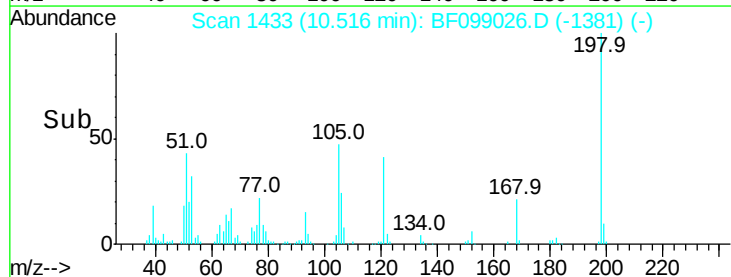
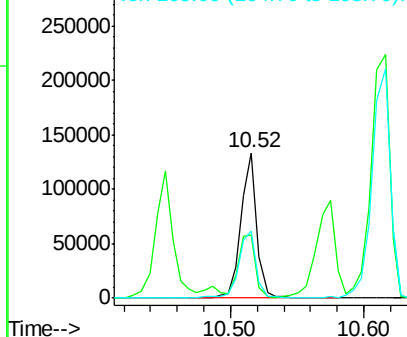


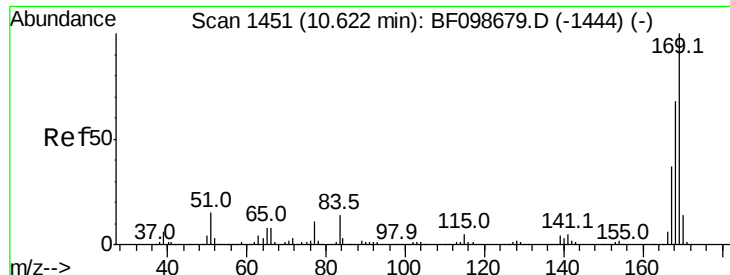
#64
4,6-Dinitro-2-methylphenol
Concen: 38.592 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion:198 Resp: 109949
Ion Ratio Lower Upper
198 100
51 43.2 37.7 77.7
105 46.4 36.3 76.3



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

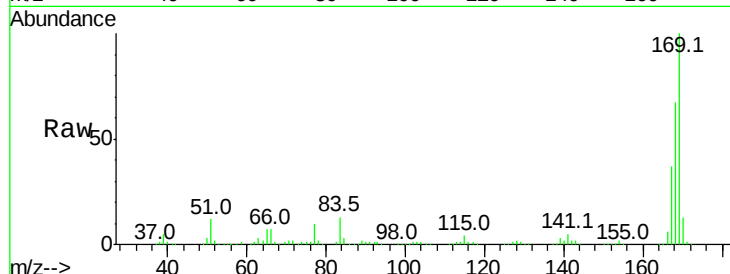




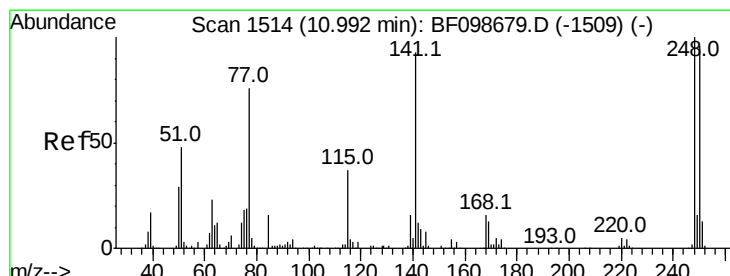
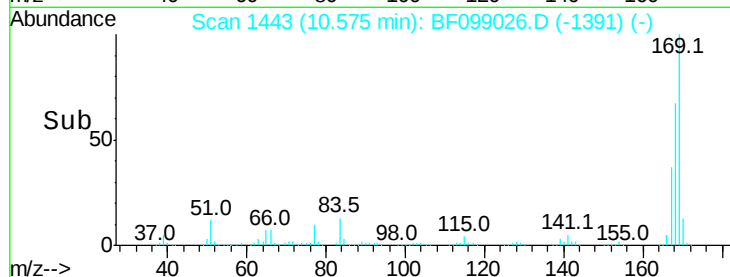
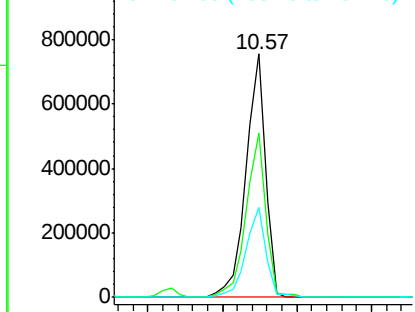
#65
 n-Nitrosodiphenylamine
 Concen: 42.206 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 684678
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.4 81.6
 167 36.9 29.8 44.6

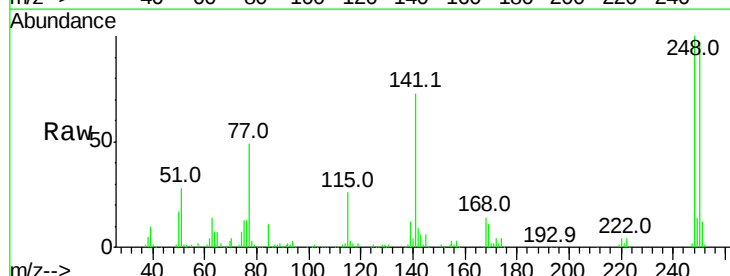


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

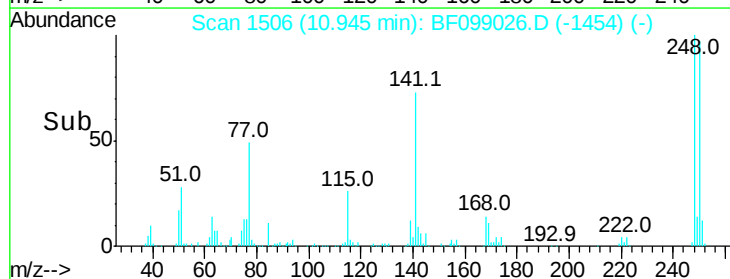
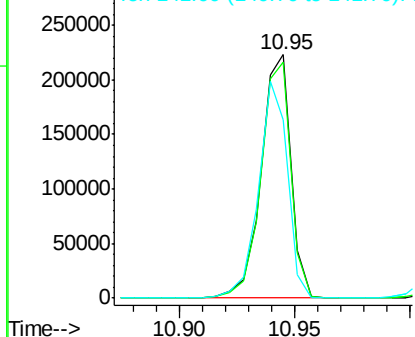


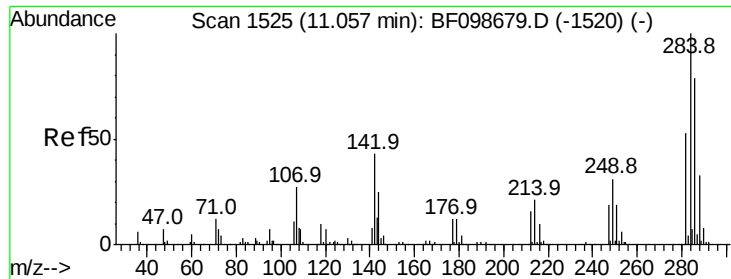
#66
 4-Bromophenyl-phenylether
 Concen: 43.784 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion:248 Resp: 200686
 Ion Ratio Lower Upper
 248 100
 250 97.0 76.9 115.3
 141 73.2 74.4 111.6#



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

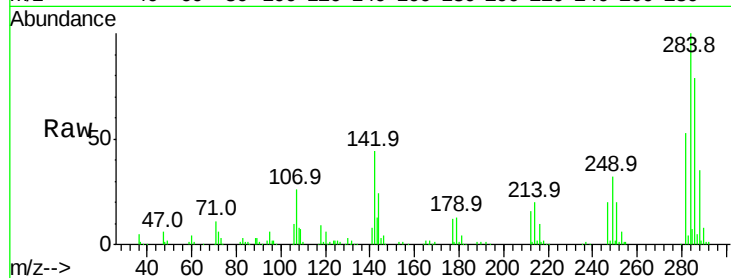




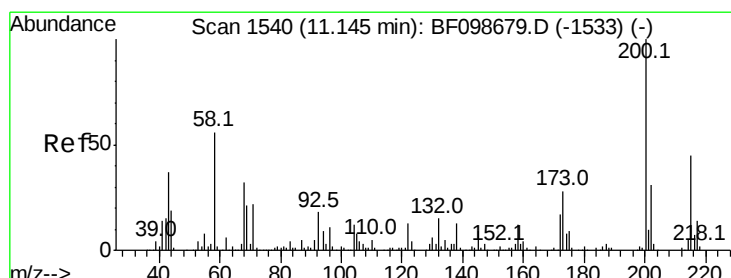
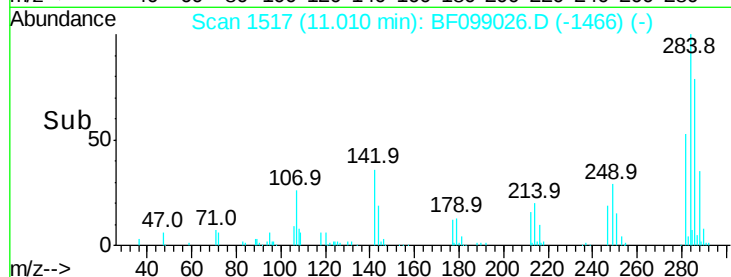
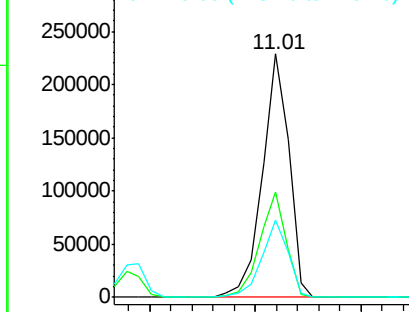
#67
Hexachlorobenzene
Concen: 40.940 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 200416
Ion Ratio Lower Upper
284 100
142 43.5 34.6 52.0
249 31.9 24.8 37.2

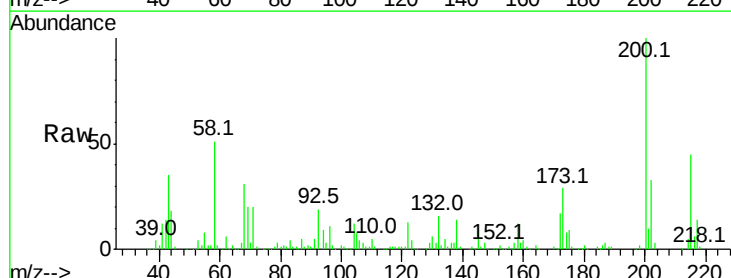


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

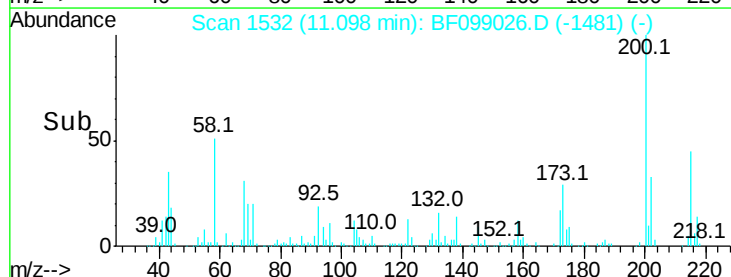
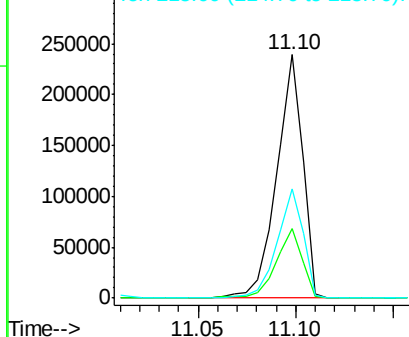


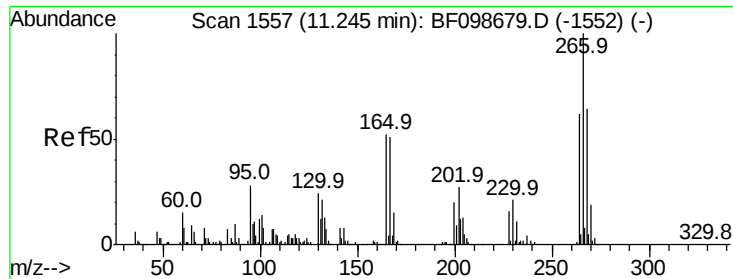
#68
Atrazine
Concen: 45.209 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion:200 Resp: 220653
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 44.6 25.1 65.1



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

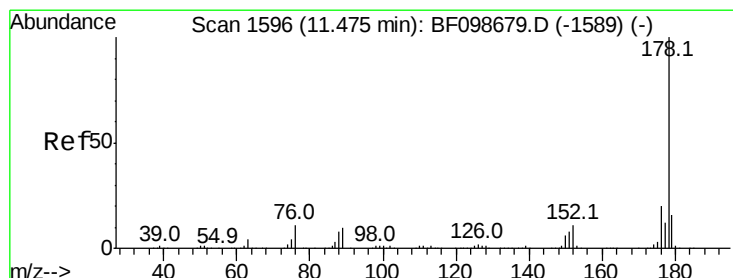
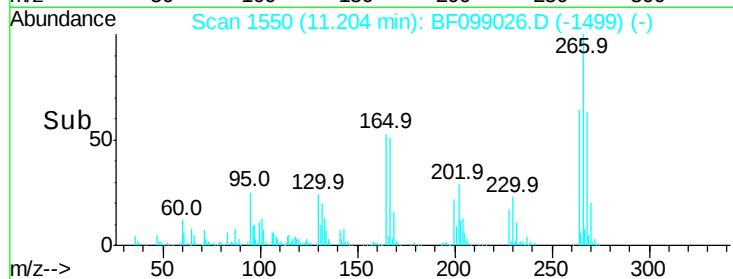
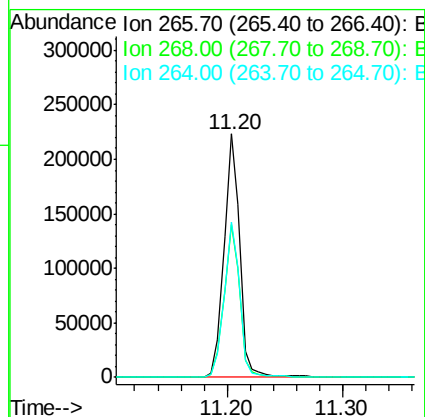
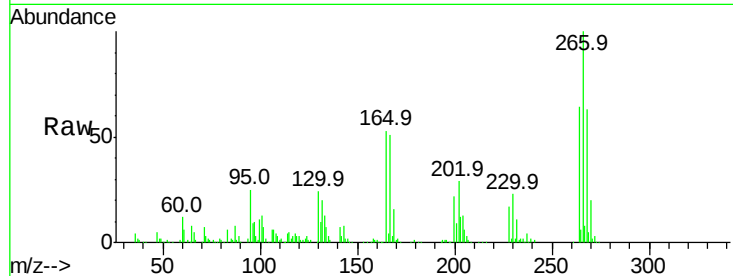




#69
 Pentachlorophenol
 Concen: 69.780 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

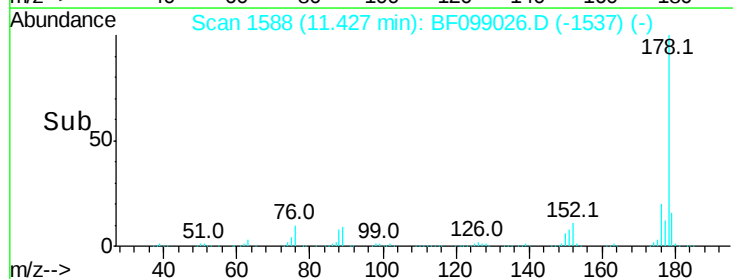
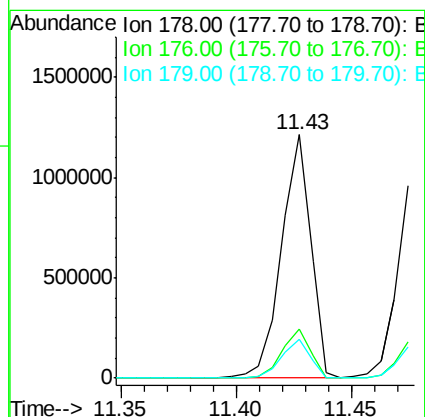
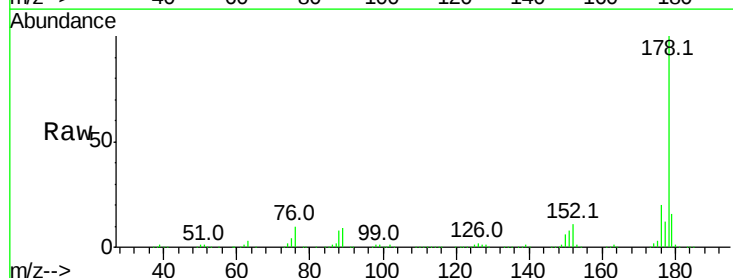
Instrument :
 BNA_F
 ClientSampleId :

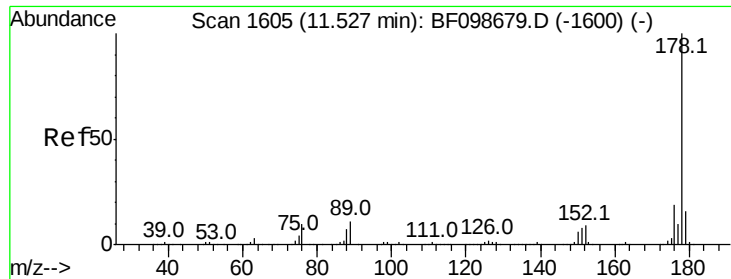
Tot Ion:266 Resp: 212598
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.1 76.7
 264 63.8 49.5 74.3



#70
 Phenanthrene
 Concen: 42.495 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion:178 Resp: 1065134
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 16.2 13.0 19.6

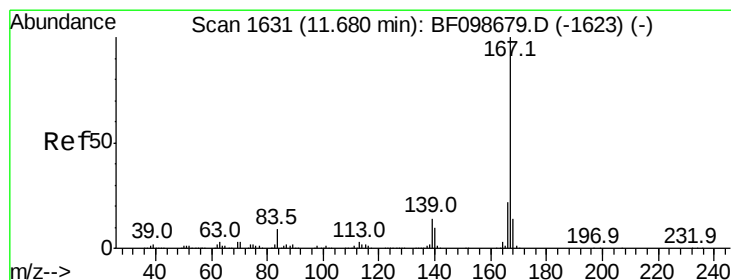
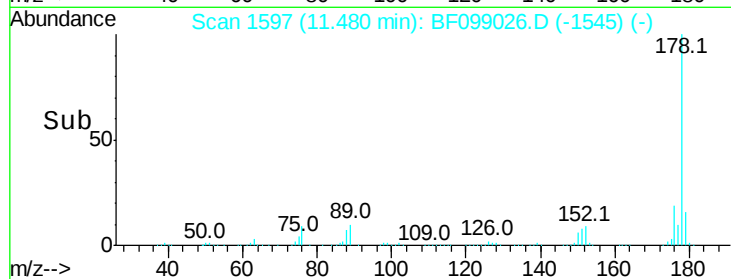
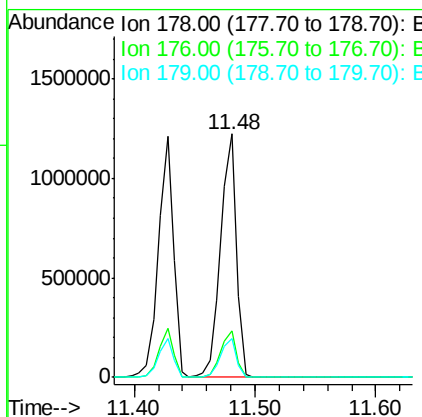
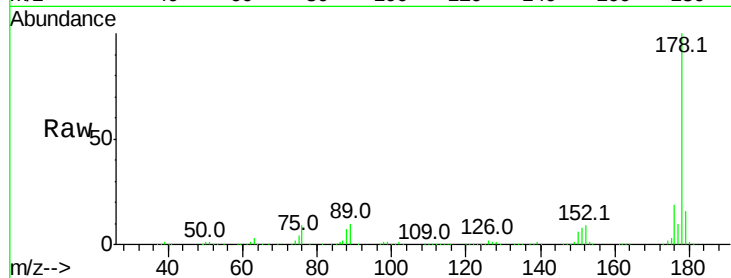




#71
 Anthracene
 Concen: 42.878 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

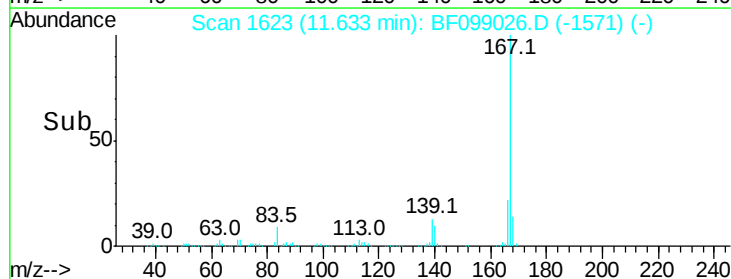
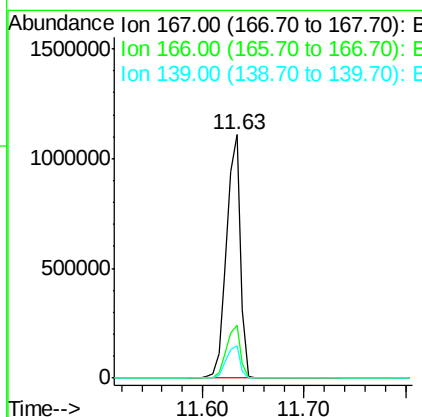
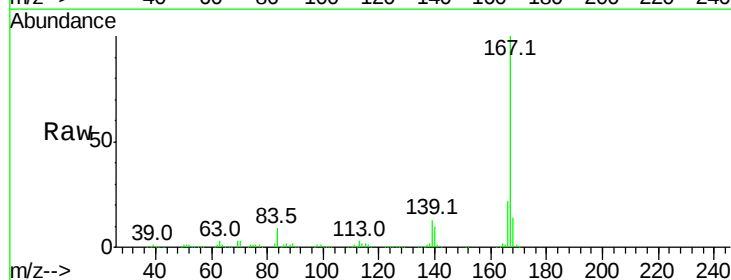
Instrument :
 BNA_F
 ClientSampleId :

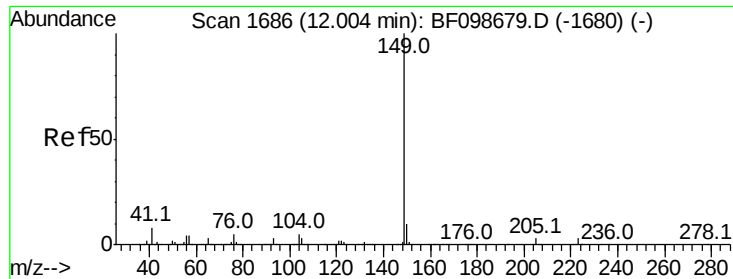
Tot Ion:178 Resp: 1099667
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.2
 179 15.8 12.6 19.0



#72
 Carbazole
 Concen: 41.751 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion:167 Resp: 1048561
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.014 ng

RT: 11.95 min Scan# 1677

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

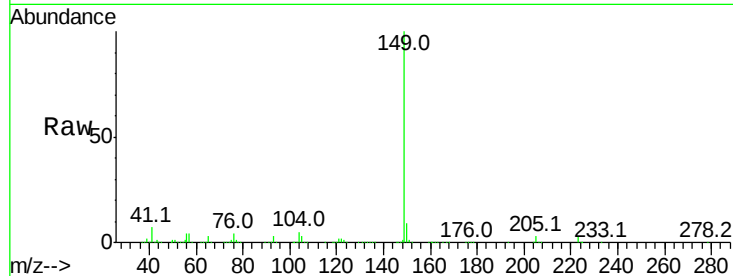
Tot Ion:149 Resp: 1270054

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

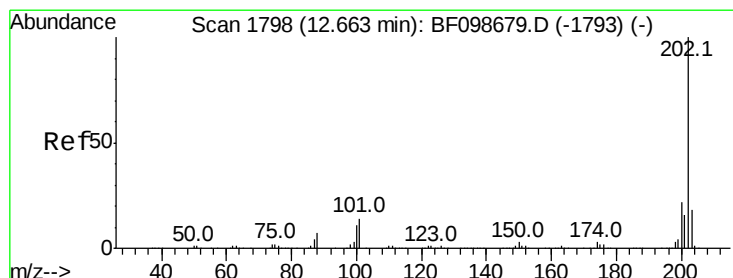
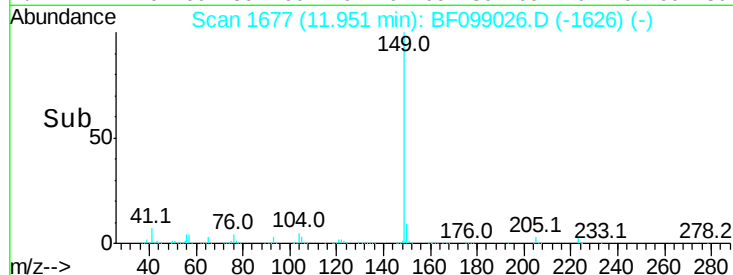
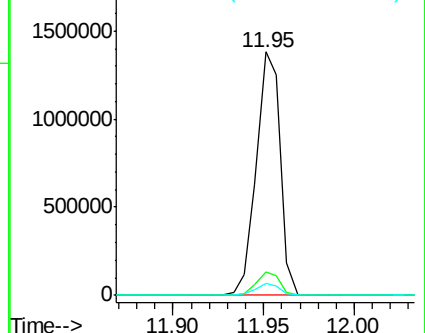
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.848 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

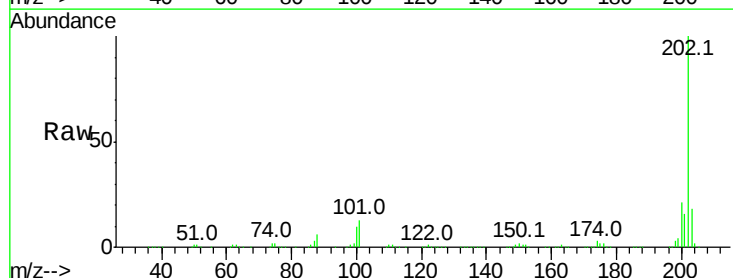
Tgt Ion:202 Resp: 1087527

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

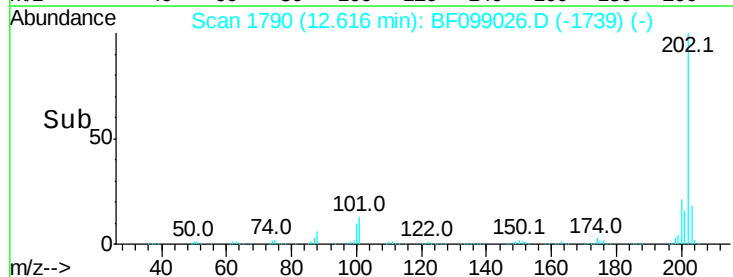
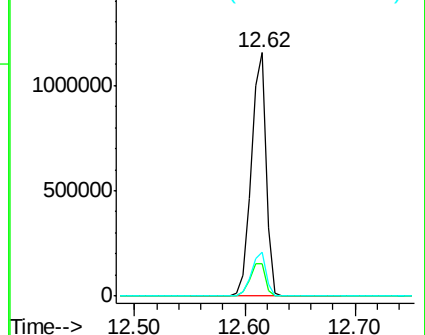
203 18.1 0.0 38.1

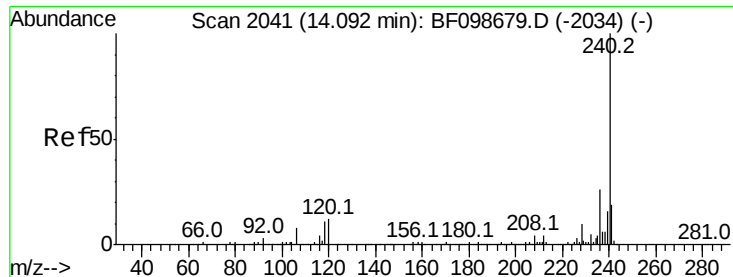


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

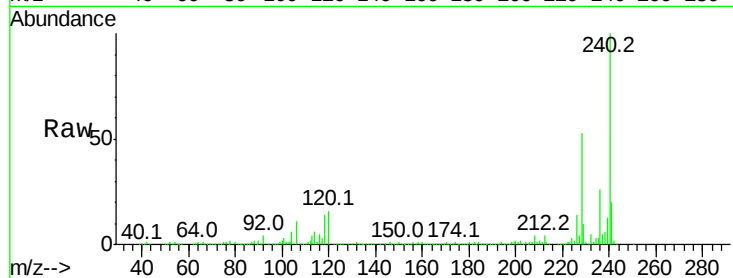
Tot Ion:240 Resp: 326496

Ion Ratio Lower Upper

240 100

120 15.6 9.5 14.3#

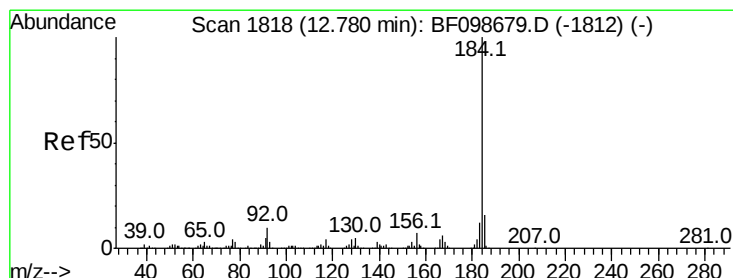
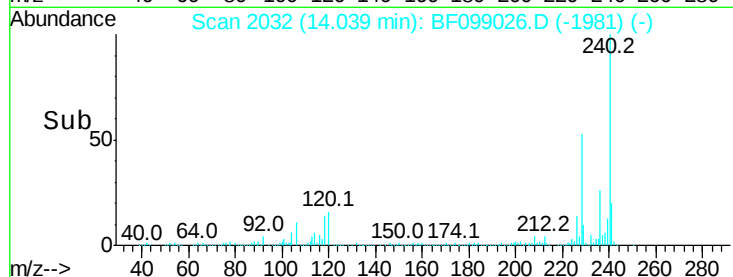
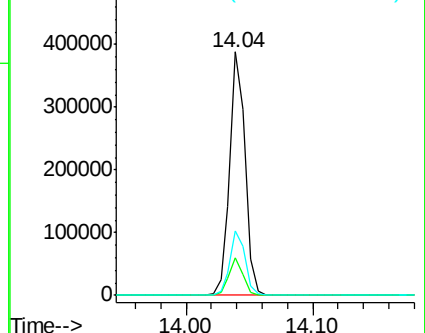
236 26.5 20.7 31.1



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: 23.072 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

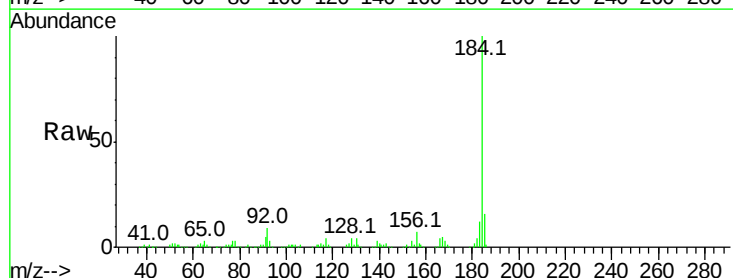
Tgt Ion:184 Resp: 278621

Ion Ratio Lower Upper

184 100

185 15.5 12.6 18.8

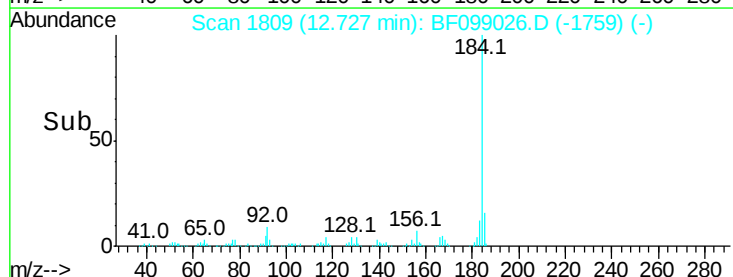
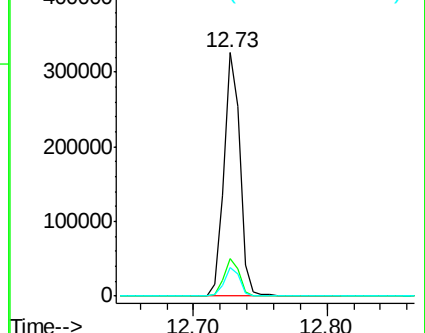
183 11.9 9.3 13.9



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: 44.417 ng

RT: 12.85 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

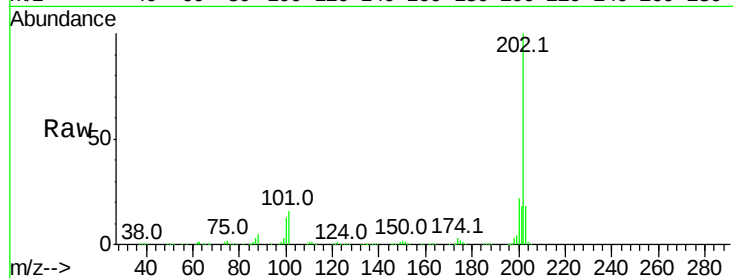
Tot Ion:202 Resp: 1105818

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

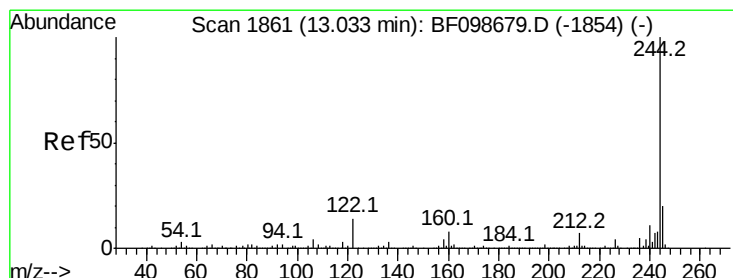
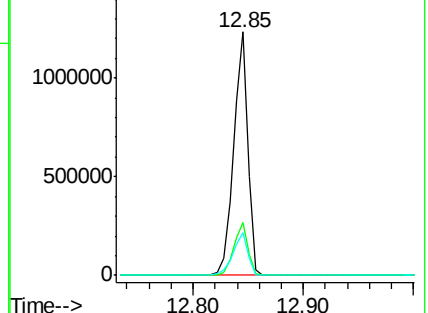
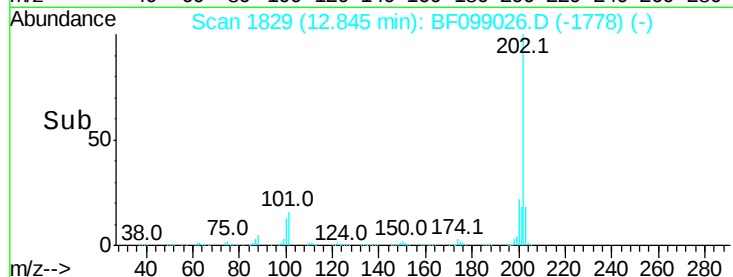
203 17.6 14.3 21.5



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: 88.209 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.01 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

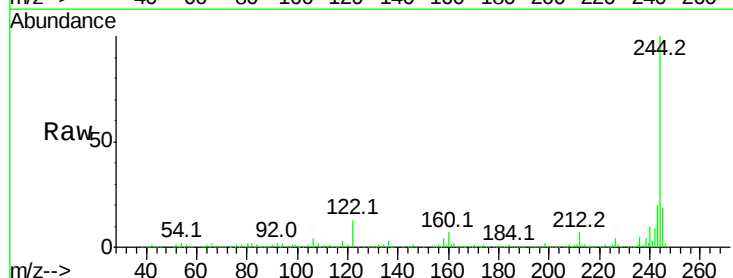
Tgt Ion:244 Resp: 1266376

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

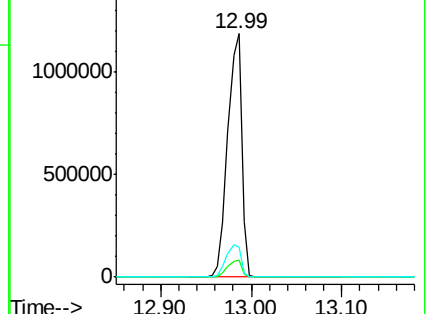
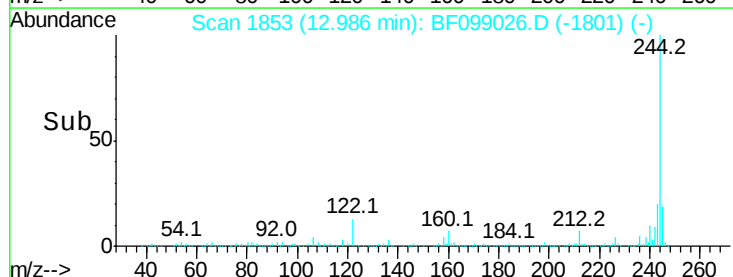
122 12.5 11.0 16.4

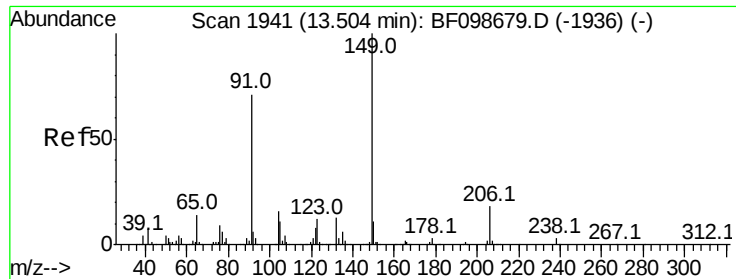


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

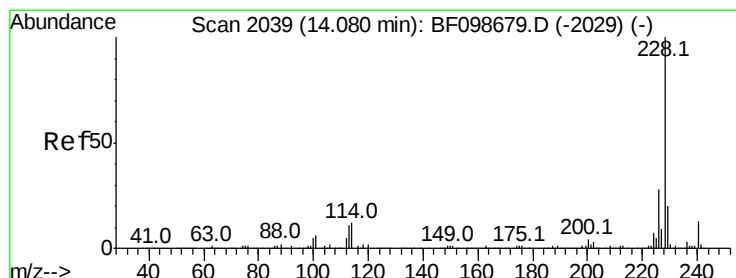
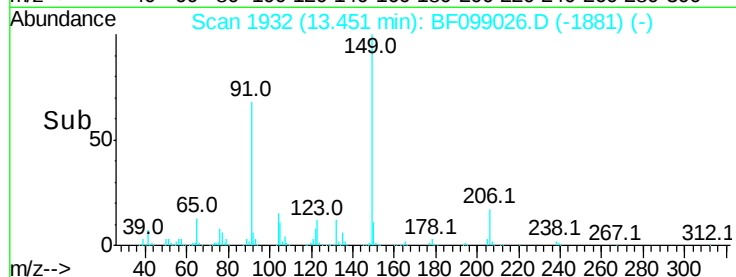
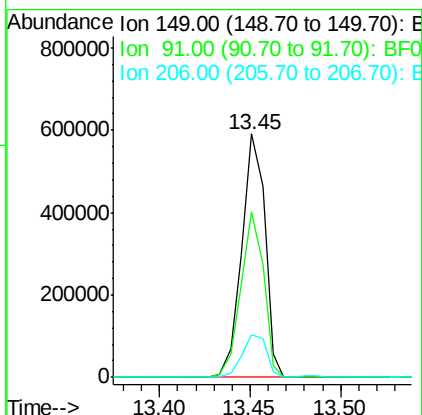
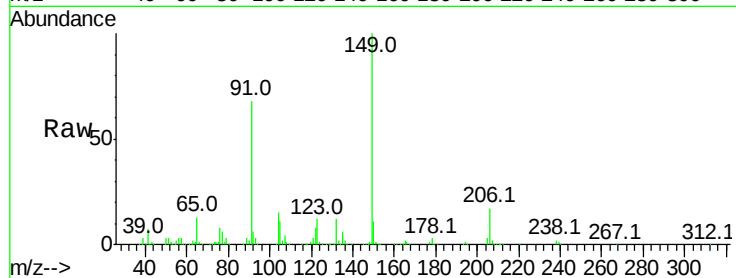




#79
Butylbenzylphthalate
Concen: 44.908 ng
RT: 13.45 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

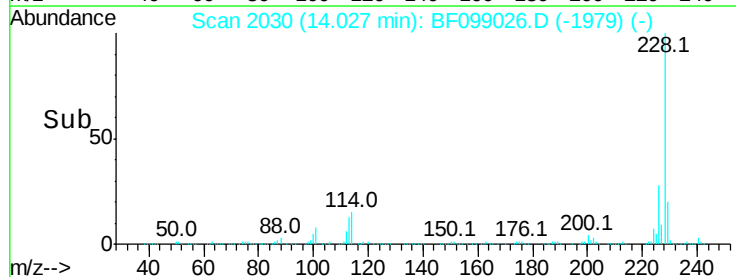
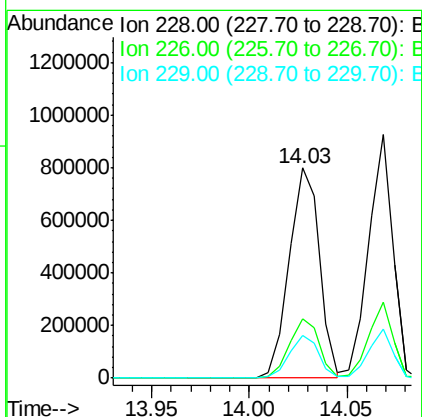
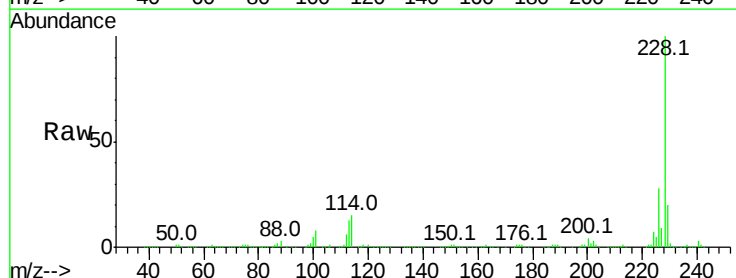
Instrument :
BNA_F
ClientSampleId :

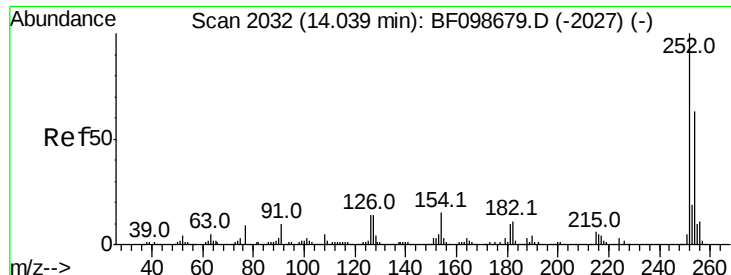
Tot Ion:149 Resp: 525459
Ion Ratio Lower Upper
149 100
91 67.9 56.8 85.2
206 17.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 43.219 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion:228 Resp: 854445
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.1 15.8 23.6

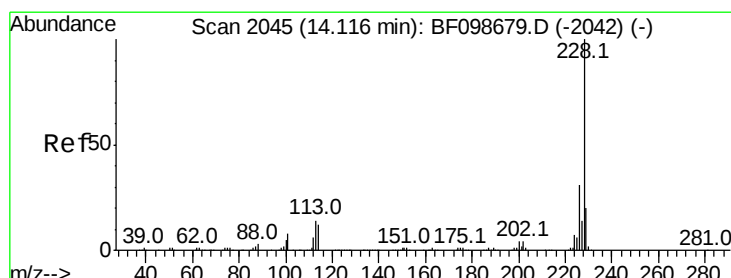
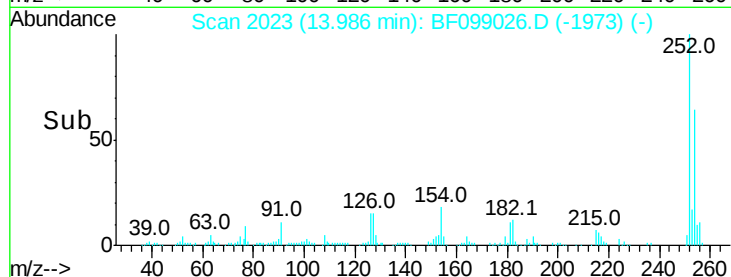
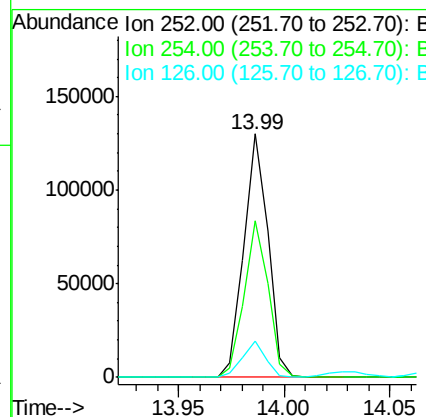
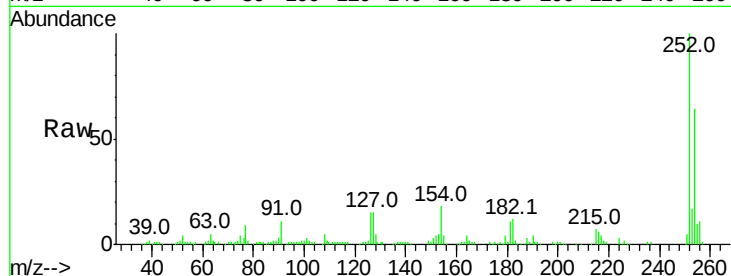




#81
 3,3'-Dichlorobenzidine
 Concen: 14.168 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

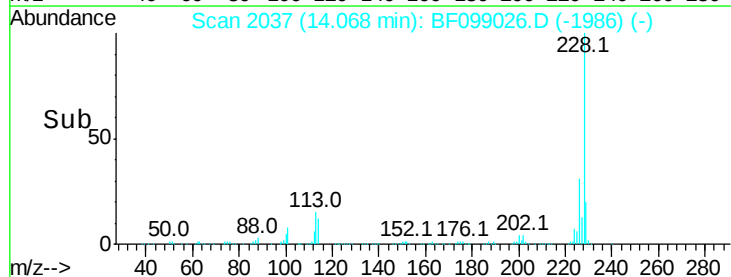
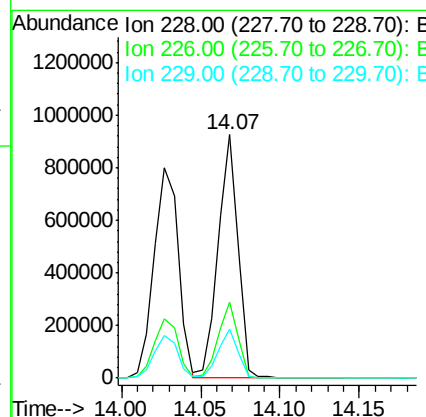
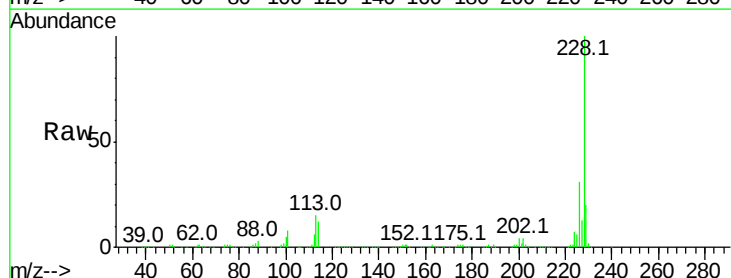
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	15.1	11.3	16.9



#82
 Chrysene
 Concen: 42.657 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.0	16.2	24.4

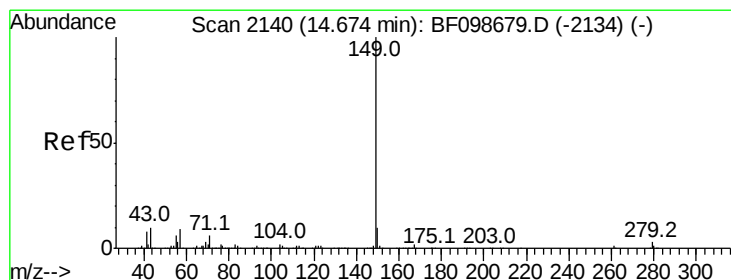
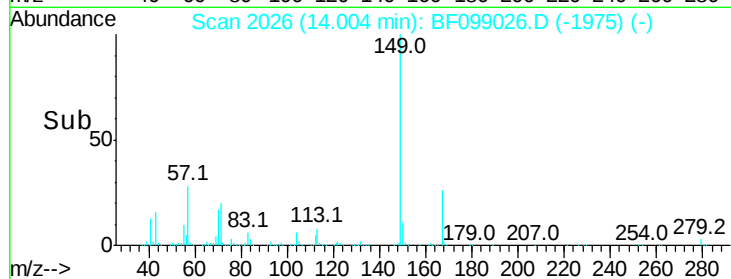
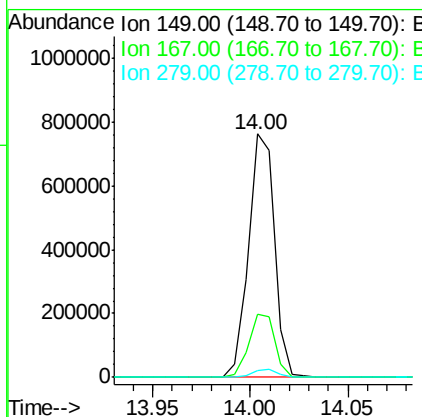
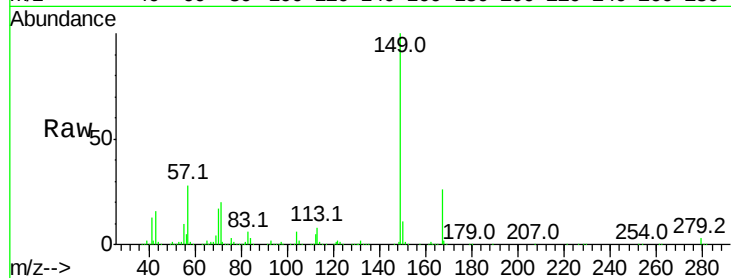




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.634 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

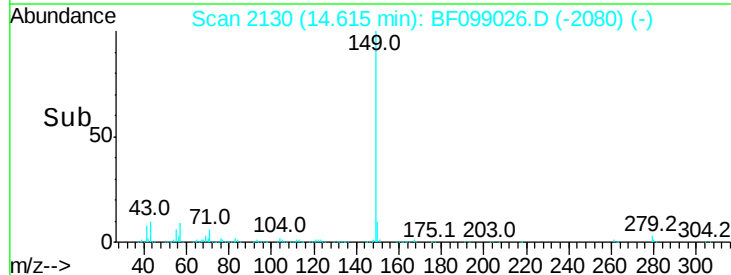
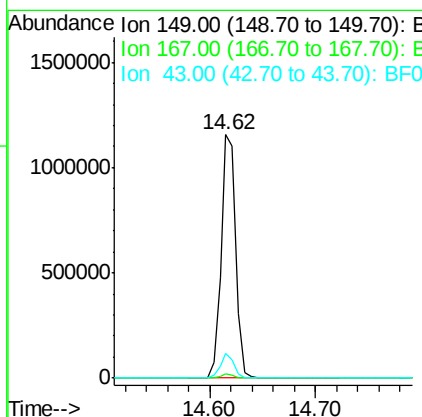
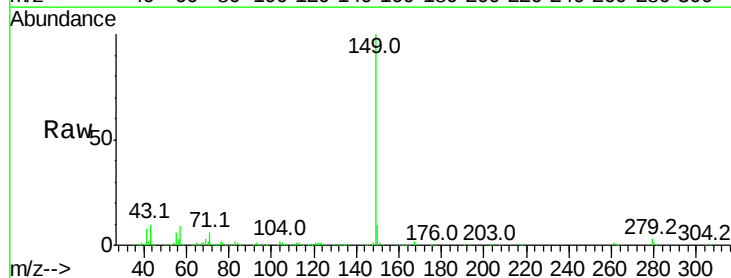
Instrument :
 BNA_F
 ClientSampleId :

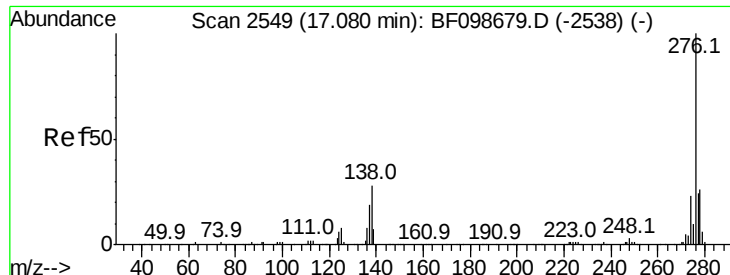
Tot Ion:149 Resp: 702999
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.3 31.9
 279 2.6 3.0 4.4#



#84
 Di-n-octyl phthalate
 Concen: 43.021 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BF099026.D
 Acq: 3 Oct 2017 12:48

Tgt Ion:149 Resp: 1116092
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.0 8.4 12.6

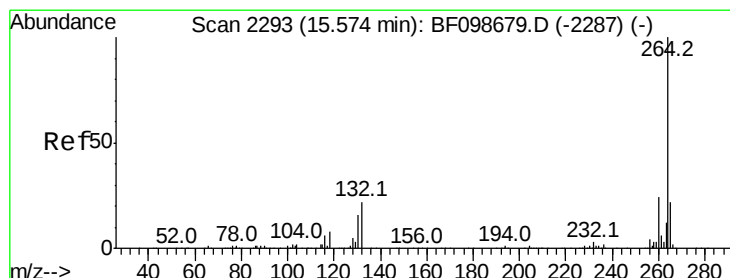
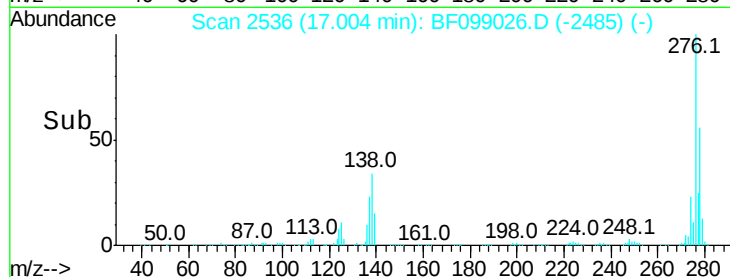
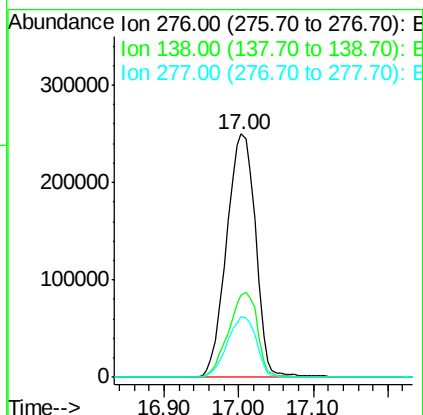
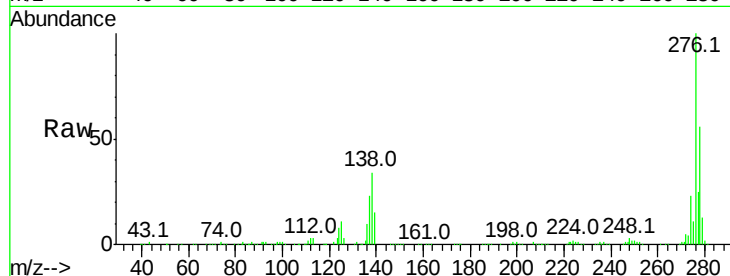




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.031 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

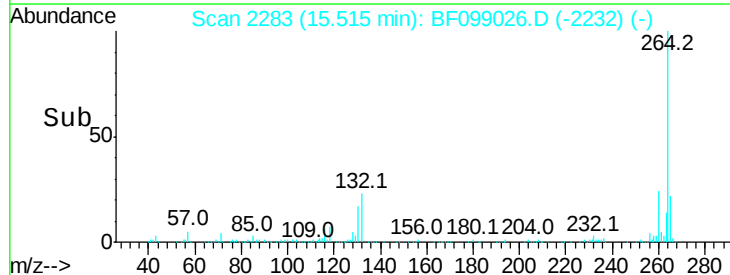
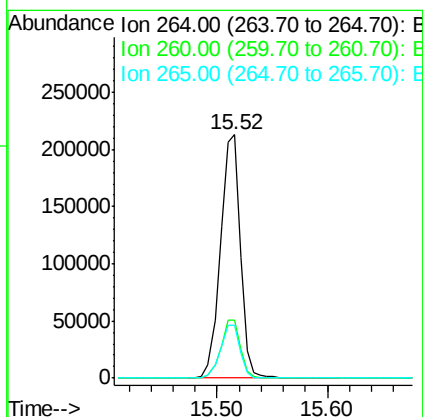
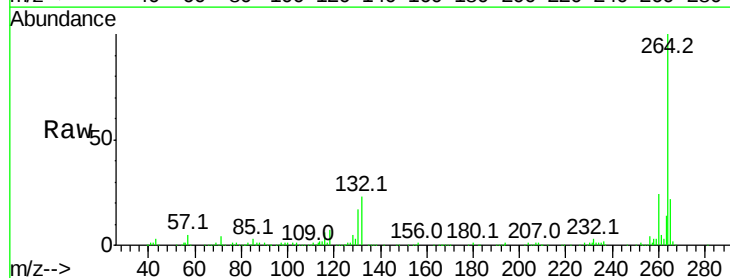
Instrument :
BNA_F
ClientSampleId :

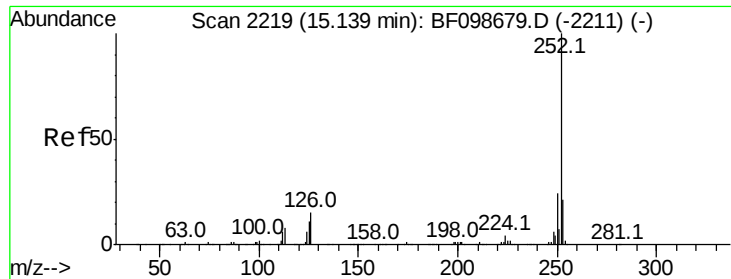
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	25.0	37.6
277	24.9	20.1	30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	17.5	26.3

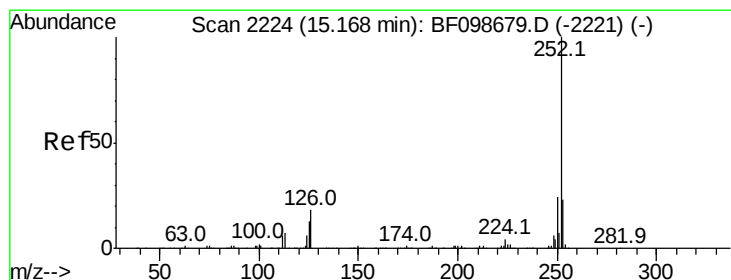
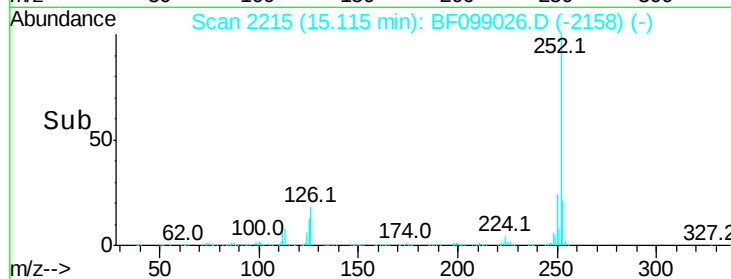
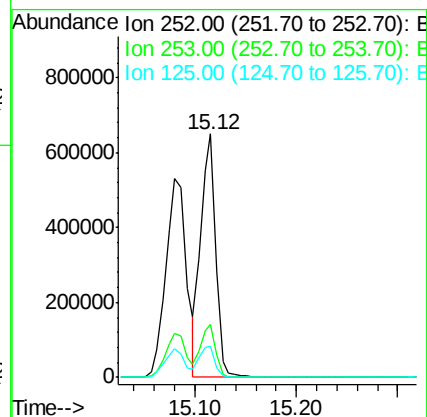
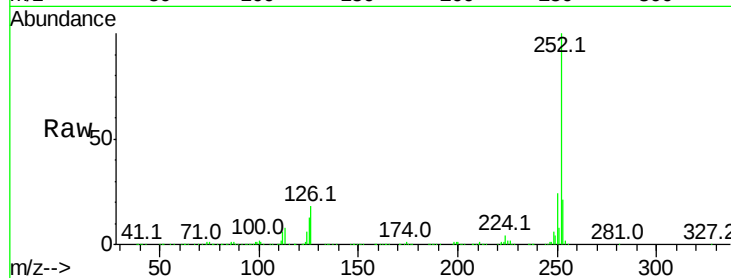




#87
Benzo(b)fluoranthene
Concen: 40.317 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.04 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

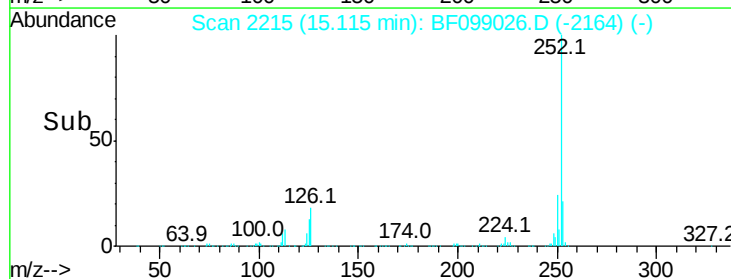
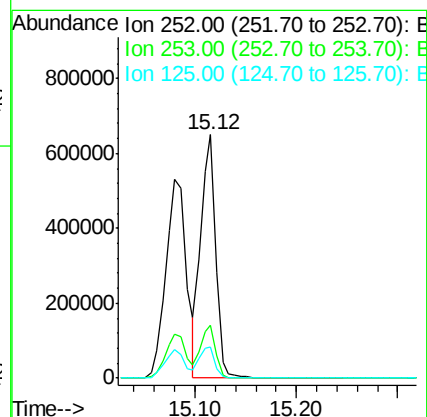
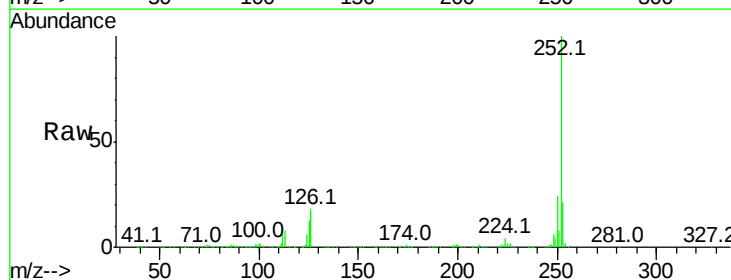
Instrument :
BNA_F
ClientSampleId :

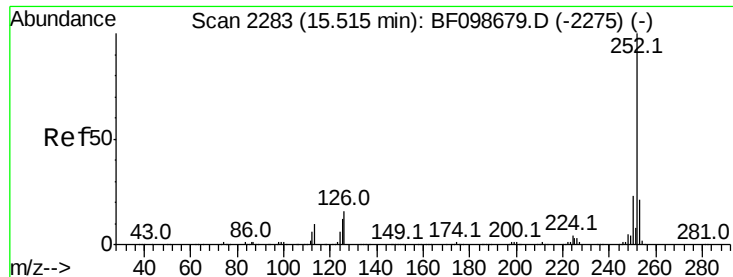
Tot Ion:252 Resp: 664298
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.6
125 12.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.818 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion:252 Resp: 664298
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 12.7 10.2 15.2

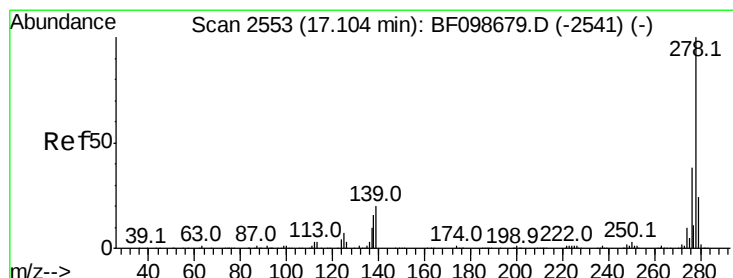
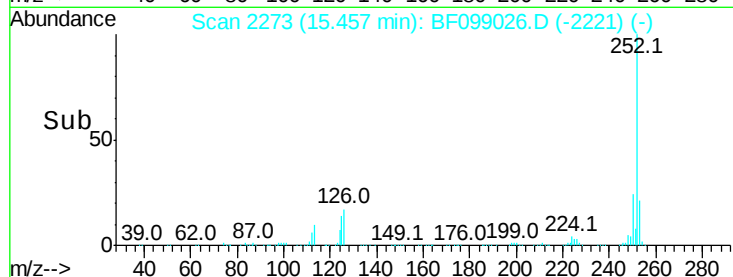
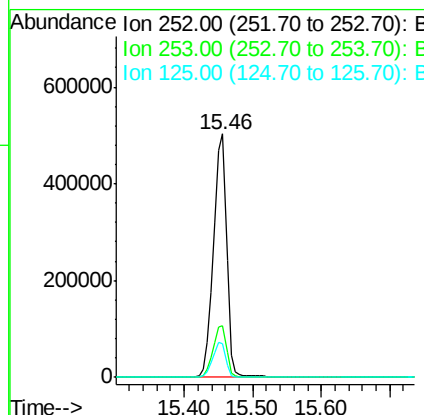
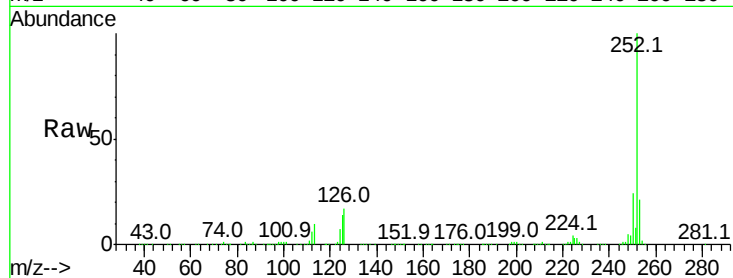




#89
Benzo(a)pyrene
Concen: 44.212 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

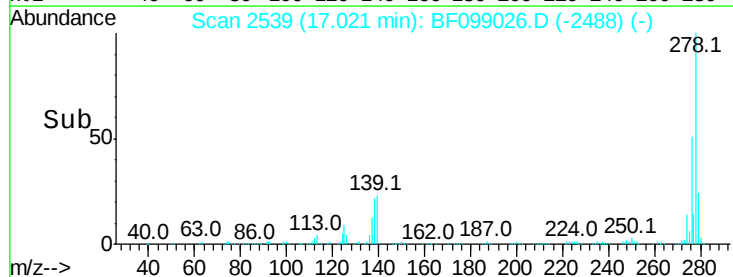
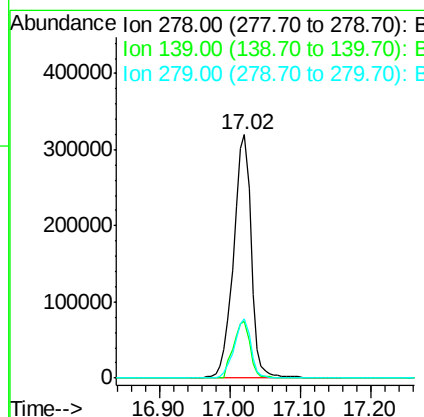
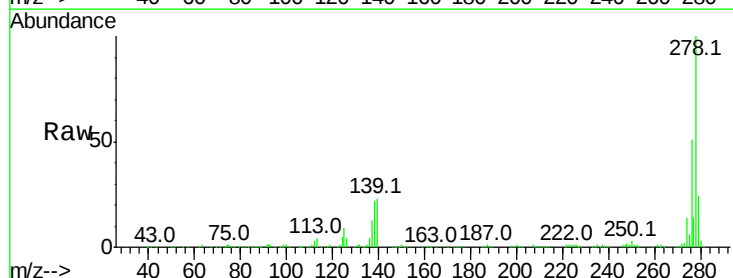
Instrument :
BNA_F
ClientSampleId :

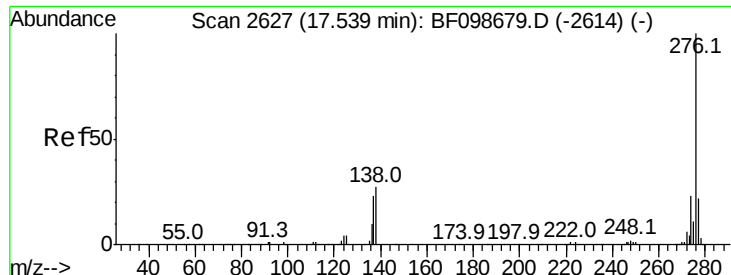
Tot Ion:252 Resp: 668701
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 14.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 46.182 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.00 min
Lab File: BF099026.D
Acq: 3 Oct 2017 12:48

Tgt Ion:278 Resp: 558996
Ion Ratio Lower Upper
278 100
139 23.5 15.9 23.9
279 24.3 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 48.098 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BF099026.D

Acq: 3 Oct 2017 12:48

Instrument :

BNA_F

ClientSampleId :

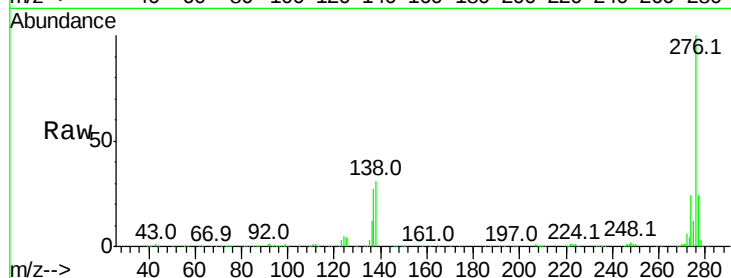
Tot Ion:276 Resp: 575480

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 31.1 21.8 32.8



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

