

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099031.D
 Acq On : 3 Oct 2017 15:04
 Operator : SJ/JU
 Sample : I5275-05
 Misc : LOD 8 PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 17:33:48 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	112714	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	476053	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	219989	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	386316	20.00	ng	0.00
75) Chrysene-d12	14.03	240	276433	20.00	ng	0.00
86) Perylene-d12	15.51	264	221735	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1099663	155.31	ng	0.00
7) Phenol-d6	6.50	99	1343233	153.78	ng	0.00
23) Nitrobenzene-d5	7.44	82	664158	89.47	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	284174	157.87	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1205405	91.47	ng	0.00
78) Terphenyl-d14	12.98	244	1006266	82.79	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	29310	8.666	ng	95
3) Pyridine	3.52	79	70282	7.681	ng	98
4) n-Nitrosodimethylamine	3.37	42	28318	7.299	ng	86
6) Aniline	6.54	93	102241	8.673	ng	98
8) 2-Chlorophenol	6.66	128	72414	9.031	ng	97
9) Benzaldehyde	6.43	77	32220	6.359	ng	96
10) Phenol	6.52	94	85584	8.761	ng	95
11) bis(2-Chloroethyl)ether	6.61	93	68966	9.081	ng	96
12) 1,3-Dichlorobenzene	6.82	146	77583	9.239	ng	97
13) 1,4-Dichlorobenzene	6.89	146	78433	9.180	ng	97
14) 1,2-Dichlorobenzene	7.05	146	73420	9.300	ng	96
15) Benzyl Alcohol	7.01	79	62993	9.831	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	101095	8.544	ng	99
17) 2-Methylphenol	7.12	107	57837	8.816	ng	97
18) Hexachloroethane	7.39	117	25631	8.346	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	49666	8.906	ng	99
20) 3+4-Methylphenols	7.27	107	77011	9.279	ng	# 84
22) Acetophenone	7.27	105	106881	9.267	ng	# 98
24) Nitrobenzene	7.45	77	76814	9.122	ng	98
25) Isophorone	7.69	82	131493	8.568	ng	99
26) 2-Nitrophenol	7.77	139	35664	8.807	ng	92
27) 2,4-Dimethylphenol	7.80	122	64598	8.447	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	86112	9.003	ng	99
29) 2,4-Dichlorophenol	8.00	162	58580	8.922	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	60942	9.280	ng	99
31) Naphthalene	8.17	128	207619	9.286	ng	100
32) Benzoic acid	7.87	122	27211	4.332	ng	94
33) 4-Chloroaniline	8.22	127	82910	8.880	ng	97
34) Hexachlorobutadiene	8.29	225	30943	9.148	ng	97
35) Caprolactam	8.56	113	17738	8.422	ng	95
36) 4-Chloro-3-methylphenol	8.69	107	64712	8.769	ng	99
37) 2-Methylnaphthalene	8.86	142	134982	9.287	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	61784	9.417	ng	99
40) Hexachlorocyclopentadiene	9.02	237	10709	3.572	ng	94

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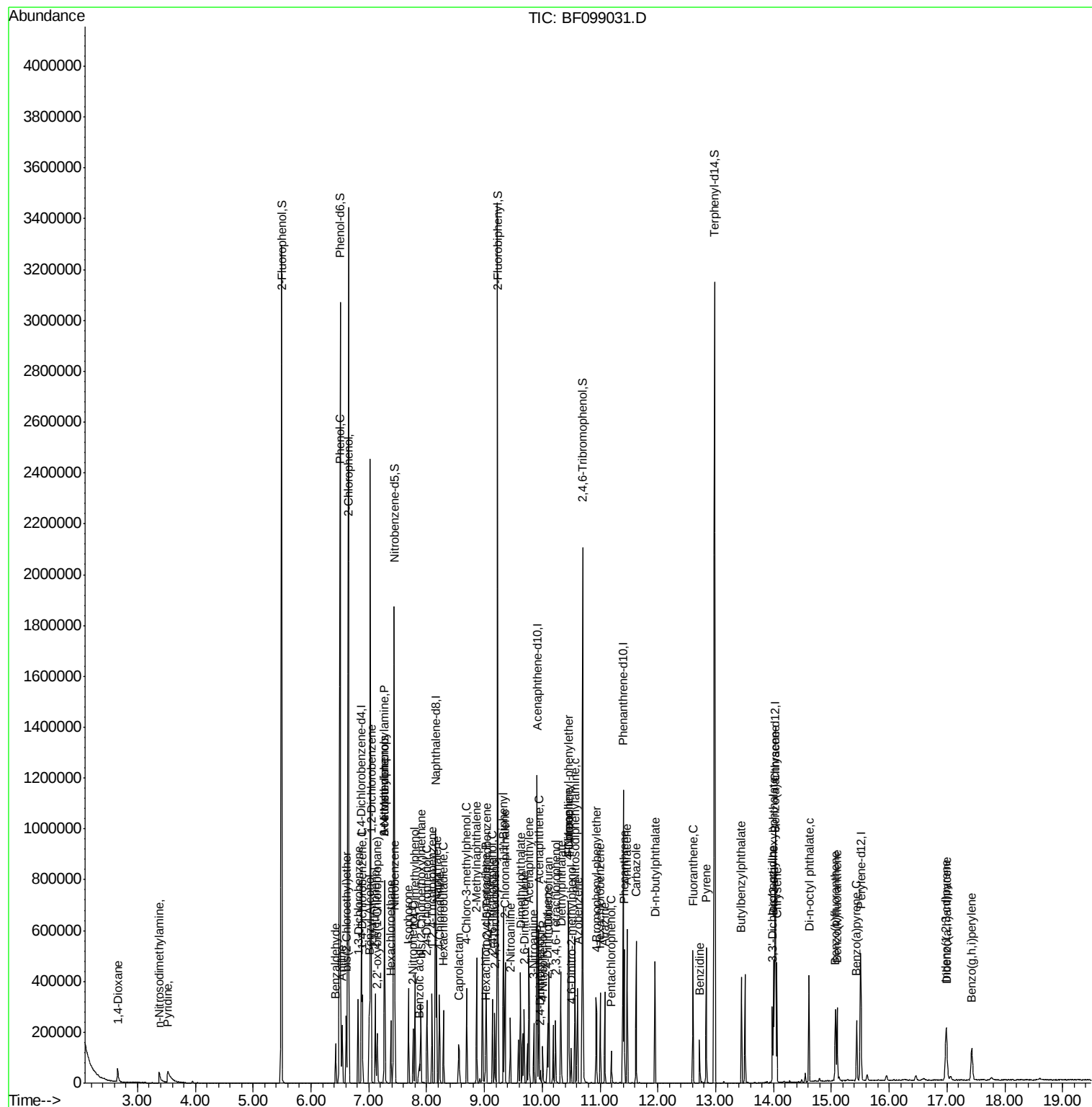
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	38799	8.348	ng	98
43) 2,4,5-Trichlorophenol	9.18	196	40124	8.648	ng	92
45) 1,1'-Biphenyl	9.33	154	184802	9.774	ng	98
46) 2-Chloronaphthalene	9.36	162	132909	9.363	ng	94
47) 2-Nitroaniline	9.45	65	36009	8.284	ng	98
48) Acenaphthylene	9.77	152	202244	9.307	ng	99
49) Dimethylphthalate	9.62	163	154321	9.294	ng	99
50) 2,6-Dinitrotoluene	9.69	165	32932	9.111	ng	95
51) Acenaphthene	9.94	154	126284	9.174	ng	100
52) 3-Nitroaniline	9.86	138	36721	8.712	ng	90
53) 2,4-Dinitrophenol	9.96	184	6089	8.828	ng	93
54) Dibenzofuran	10.12	168	173378	9.460	ng	97
55) 4-Nitrophenol	10.01	139	25577	7.177	ng	91
56) 2,4-Dinitrotoluene	10.09	165	42724	9.107	ng	# 84
57) Fluorene	10.46	166	146346	9.934	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	26612	8.303	ng	99
59) Diethylphthalate	10.32	149	150196	9.258	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	63630	9.616	ng	98
61) 4-Nitroaniline	10.46	138	35988	8.850	ng	90
62) Azobenzene	10.61	77	133896	8.976	ng	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	14718	6.262	ng	94
65) n-Nitrosodiphenylamine	10.56	169	127046	9.493	ng	98
66) 4-Bromophenyl-phenylether	10.94	248	36046	9.532	ng	# 87
67) Hexachlorobenzene	11.00	284	37583	9.306	ng	98
68) Atrazine	11.08	200	36329	9.022	ng	98
69) Pentachlorophenol	11.20	266	13931	5.542	ng	97
70) Phenanthrene	11.42	178	198982	9.623	ng	97
71) Anthracene	11.47	178	205337	9.705	ng	98
72) Carbazole	11.62	167	190701	9.204	ng	99
73) Di-n-butylphthalate	11.95	149	234582	9.406	ng	98
74) Fluoranthene	12.60	202	194827	9.304	ng	99
76) Benzidine	12.73	184	64246	6.284	ng	99
77) Pyrene	12.83	202	200535	9.513	ng	98
79) Butylbenzylphthalate	13.44	149	88226	8.906	ng	97
80) Benzo(a)anthracene	14.02	228	149359	8.923	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	49399	8.050	ng	99
82) Chrysene	14.06	228	145881	9.154	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	123458	9.051	ng	# 98
84) Di-n-octyl phthalate	14.62	149	197835	9.007	ng	98
85) Indeno(1,2,3-cd)pyrene	16.98	276	114006	8.943	ng	95
87) Benzo(b)fluoranthene	15.07	252	121933	8.944	ng	97
88) Benzo(k)fluoranthene	15.10	252	118668	8.813	ng	98
89) Benzo(a)pyrene	15.44	252	108594	8.678	ng	98
90) Dibenzo(a,h)anthracene	17.00	278	93981	9.384	ng	97
91) Benzo(g,h,i)perylene	17.43	276	94414	9.537	ng	95

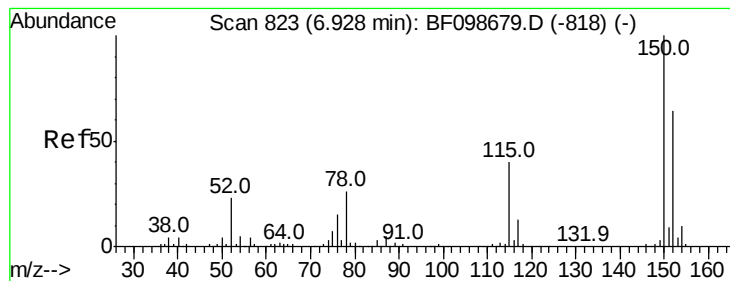
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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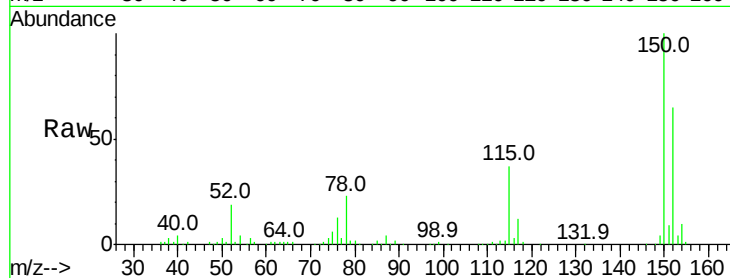


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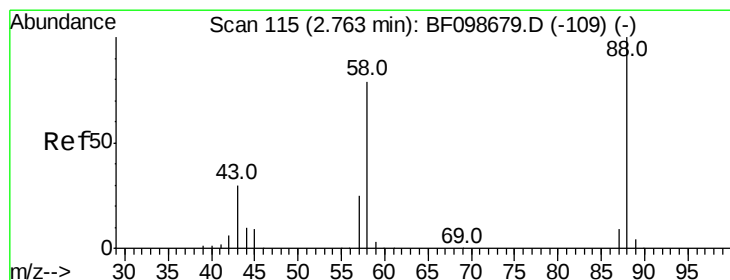
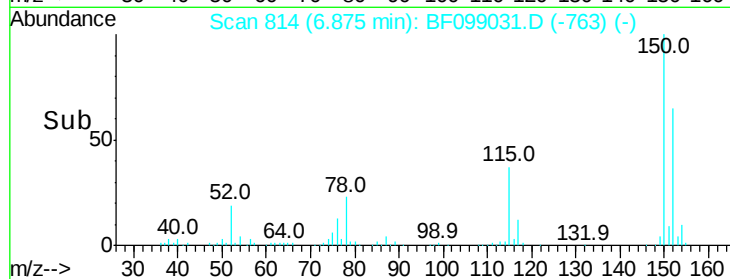
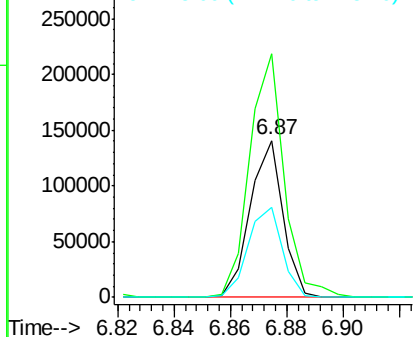
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 112714
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 57.7 50.1 75.1



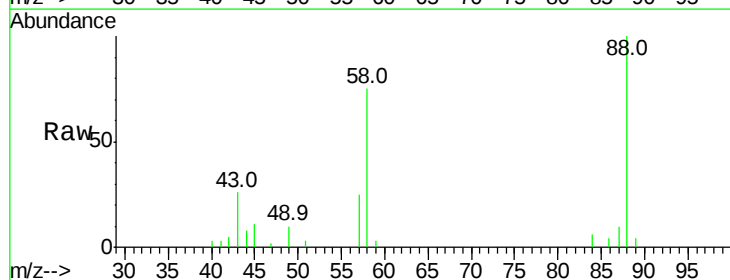
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



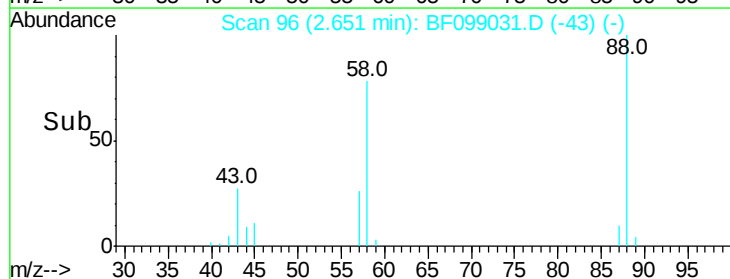
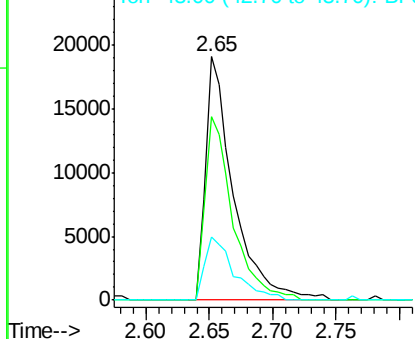
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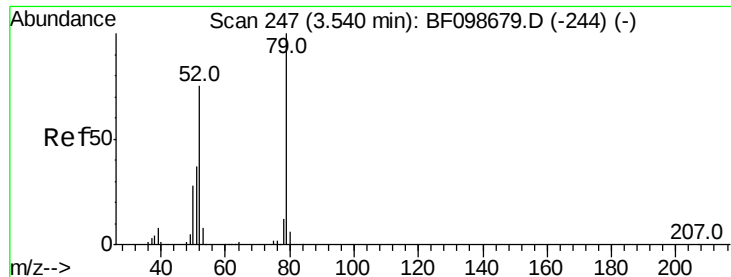
1,4-Dioxane
Concen: 8.666 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion: 88 Resp: 29310
Ion Ratio Lower Upper
88 100
58 74.3 62.6 93.8
43 27.6 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

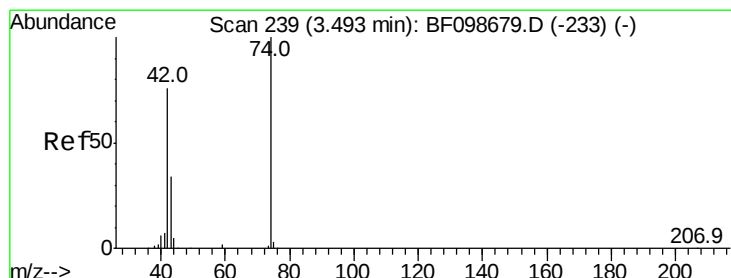
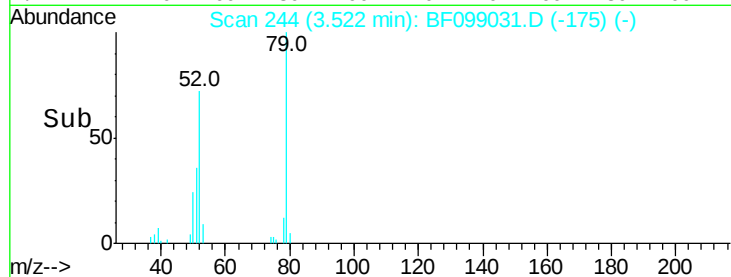
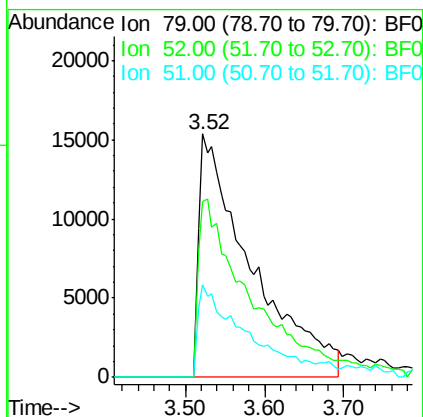
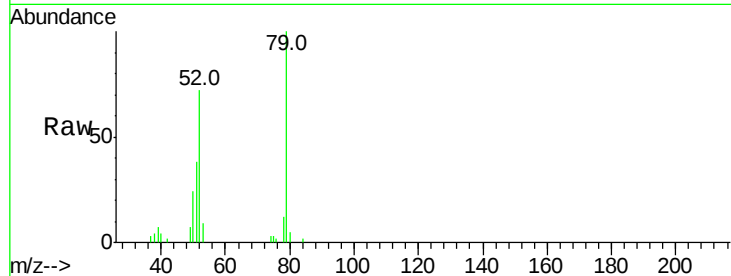




#3
 Pvridine
 Concen: 7.681 ng
 RT: 3.52 min Scan# 244
 Delta R.T. 0.11 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

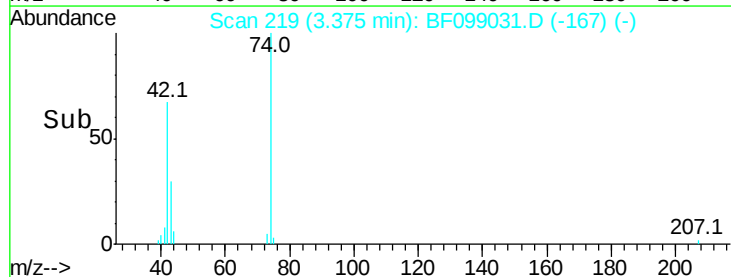
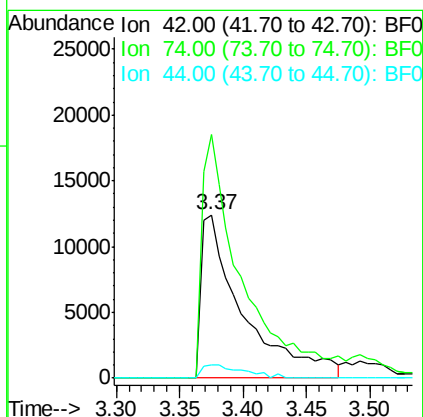
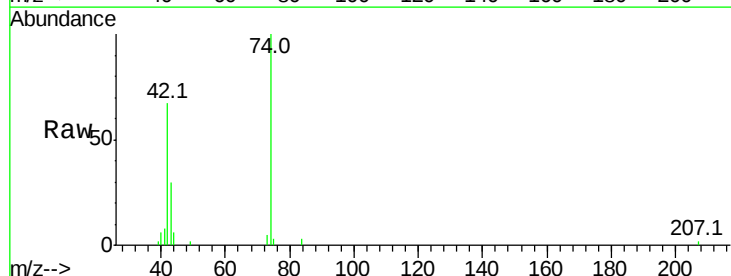
Instrument :
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 ClientSampleId :

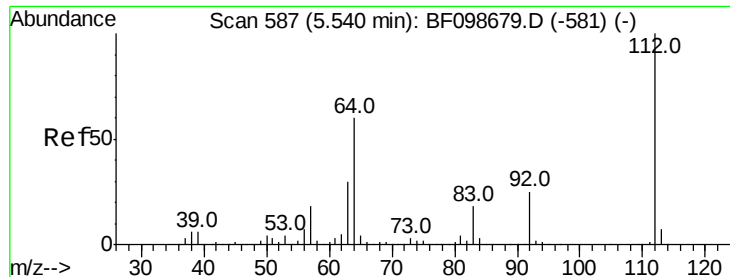
Tot Ion: 79 Resp: 70282
 Ion Ratio Lower Upper
 79 100
 52 72.3 59.8 89.6
 51 38.2 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 7.299 ng
 RT: 3.37 min Scan# 219
 Delta R.T. 0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Tgt Ion: 42 Resp: 28318
 Ion Ratio Lower Upper
 42 100
 74 148.9 104.9 157.3
 44 8.4 6.9 10.3





#5

2-Fluorophenol

Concen: 155.309 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

Instrument :
BNA_F
ClientSampleId :

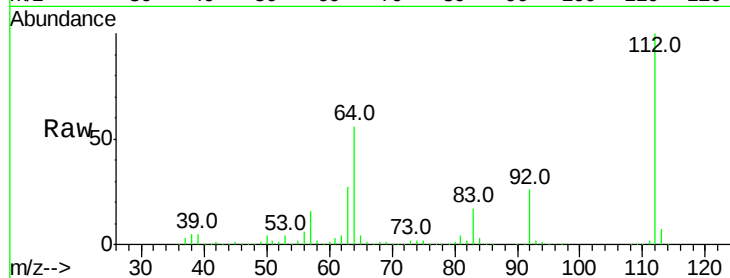
Tot Ion:112 Resp: 1099663

Ion Ratio Lower Upper

112 100

64 56.4 47.9 71.9

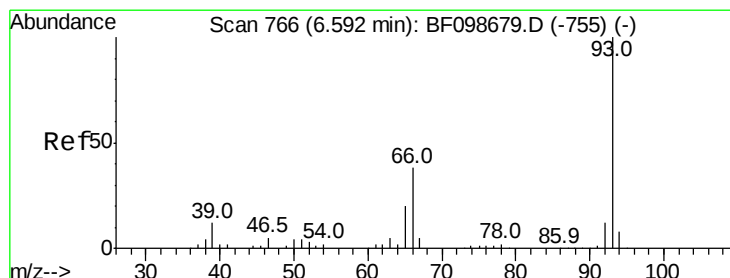
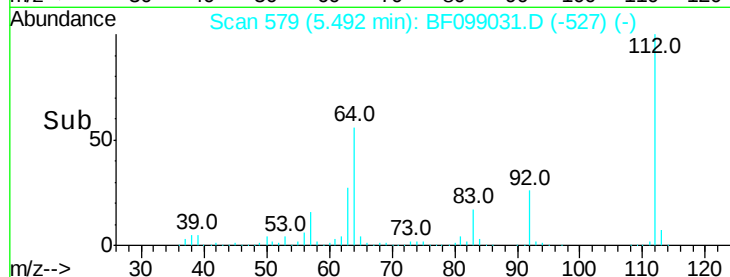
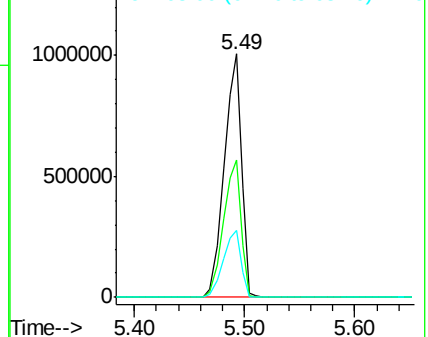
63 27.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.673 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

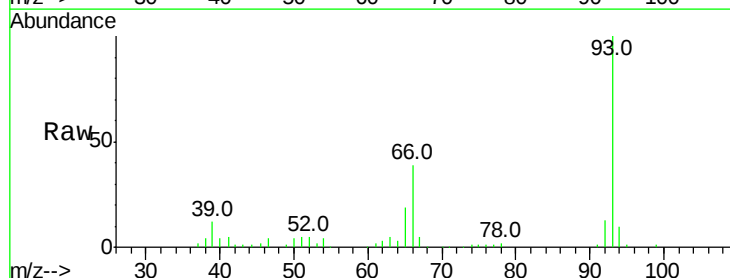
Tgt Ion: 93 Resp: 102241

Ion Ratio Lower Upper

93 100

66 39.2 32.2 48.2

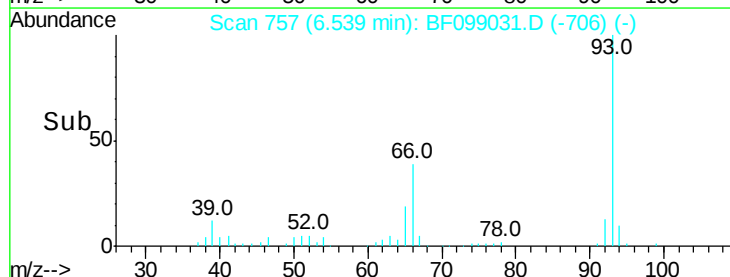
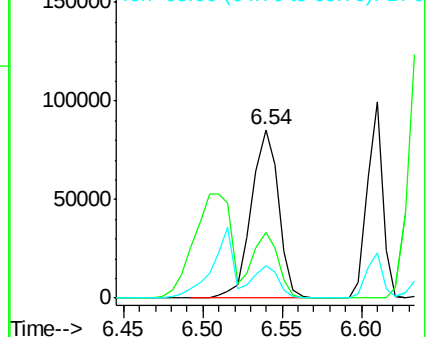
65 19.1 16.4 24.6

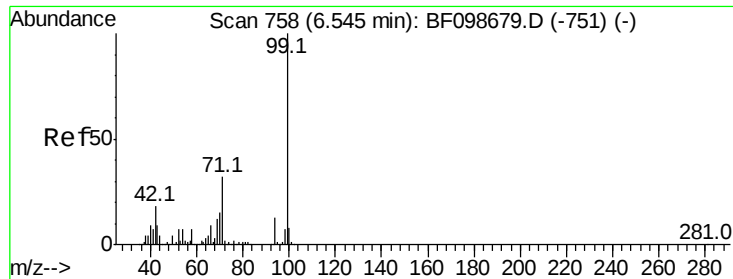


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 153.784 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF099031.D

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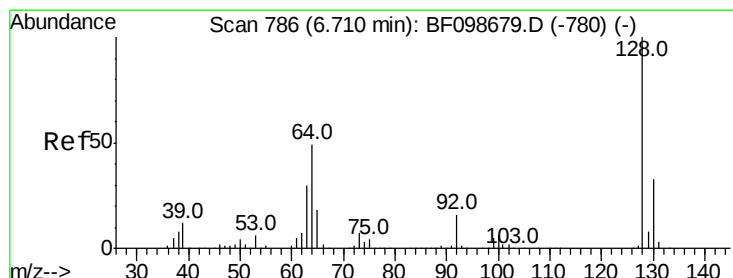
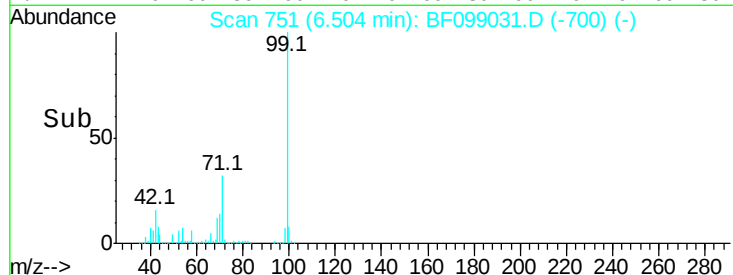
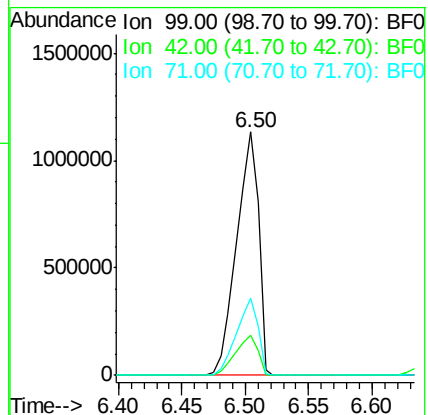
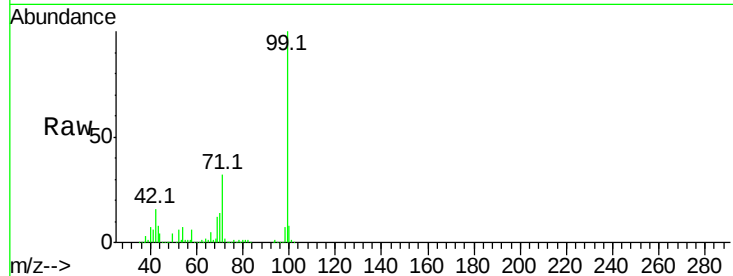
Tot Ion: 99 Resp: 1343233

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

71 31.6 25.4 38.0



#8

2-Chlorophenol

Concen: 9.031 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF099031.D

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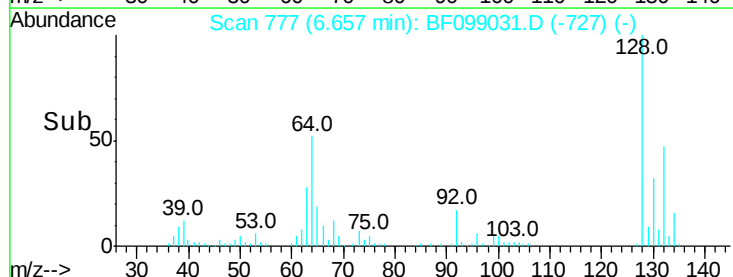
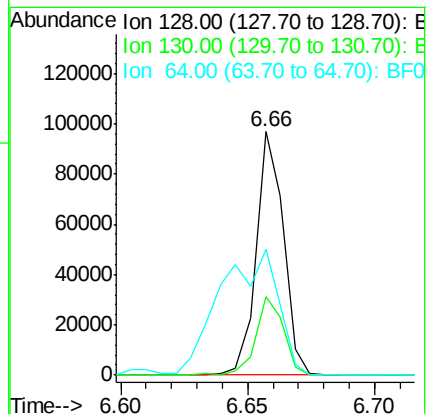
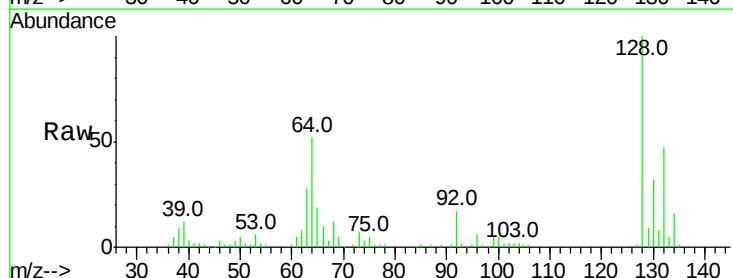
Tgt Ion:128 Resp: 72414

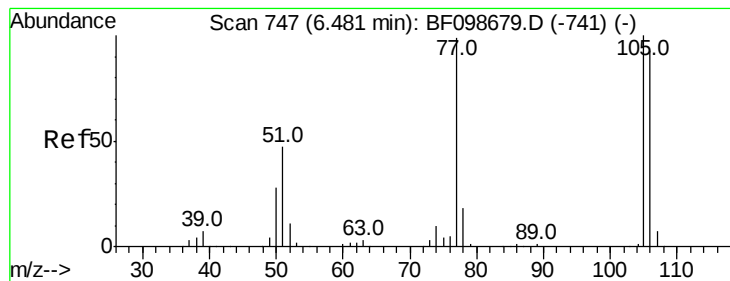
Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

64 52.0 29.4 69.4





#9

Benzaldehyde

Concen: 6.359 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

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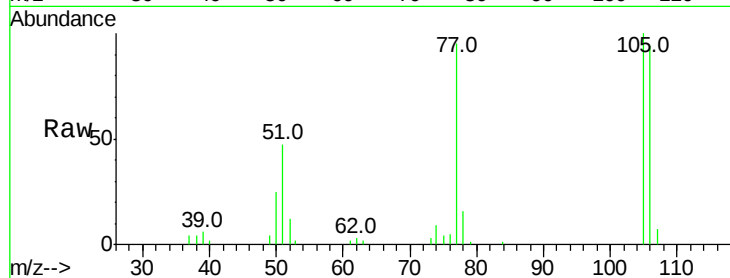
Tot Ion: 77 Resp: 32220

Ion Ratio Lower Upper

77 100

105 105.1 81.1 121.1

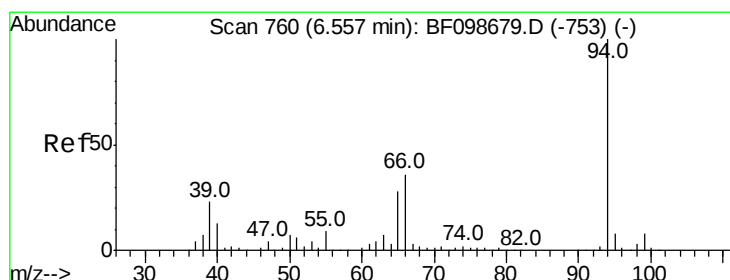
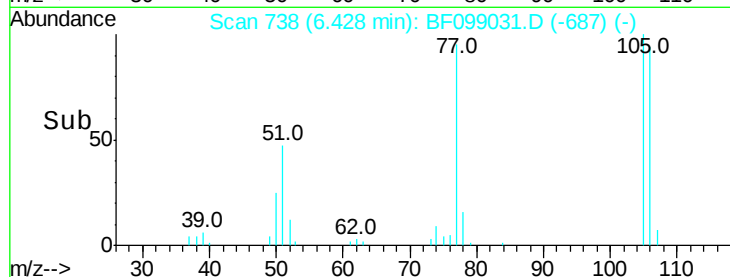
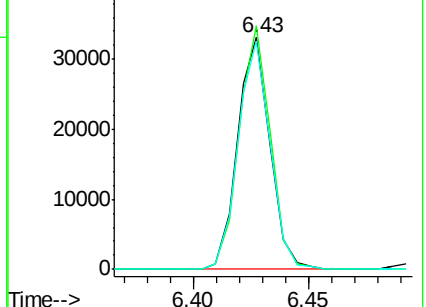
106 98.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 8.761 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

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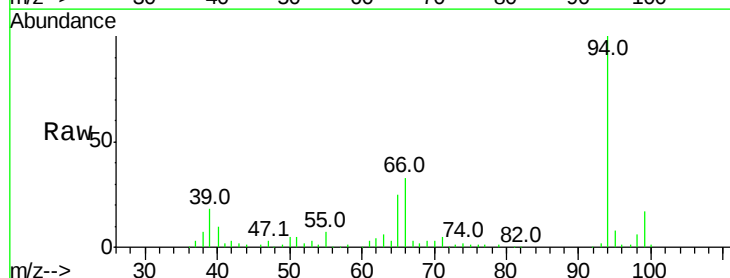
Tgt Ion: 94 Resp: 85584

Ion Ratio Lower Upper

94 100

65 25.1 7.9 47.9

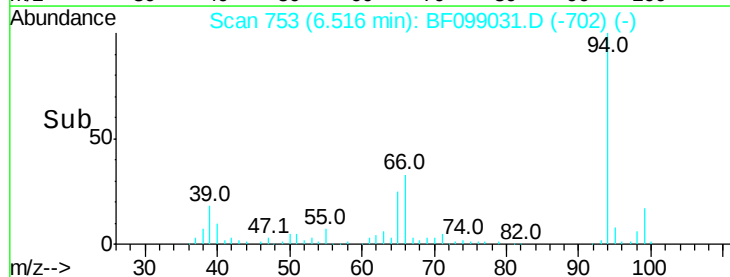
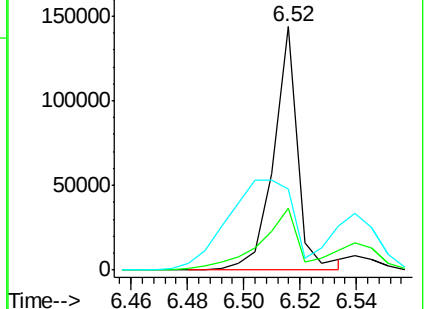
66 33.4 16.2 56.2

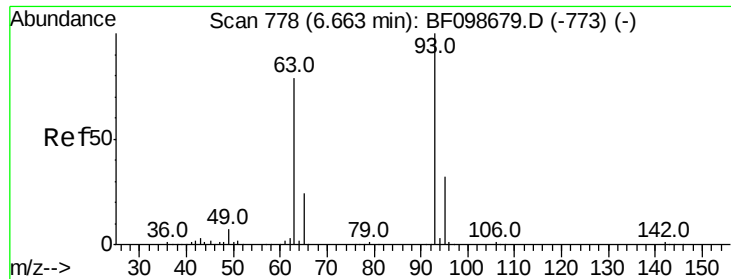


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

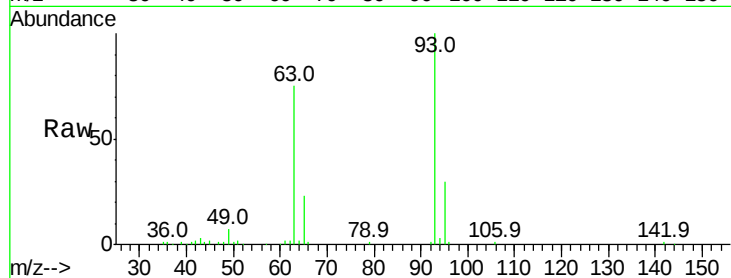




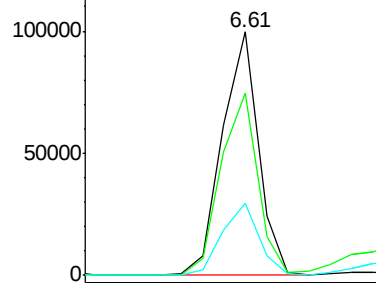
#11
bis(2-Chloroethyl)ether
Concen: 9.081 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Instrument :
BNA_F
ClientSampleId :

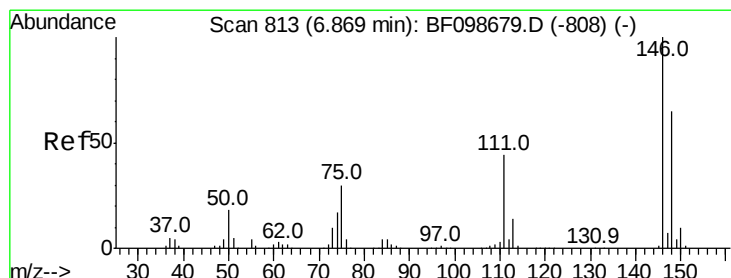
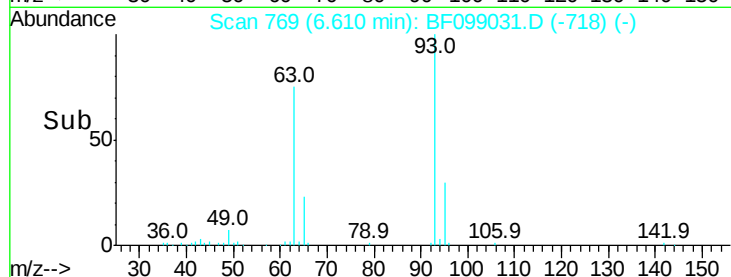
Tot Ion: 93 Resp: 68966
Ion Ratio Lower Upper
93 100
63 74.7 58.6 98.6
95 29.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

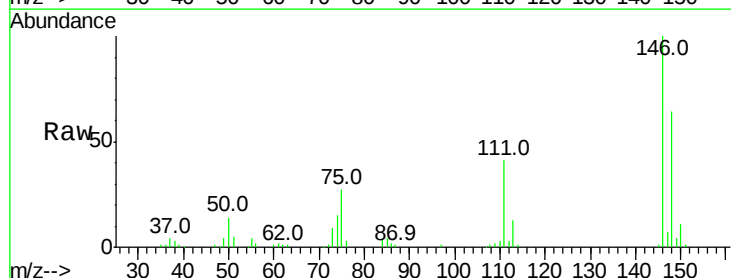


Time--> 6.58 6.60 6.62 6.64

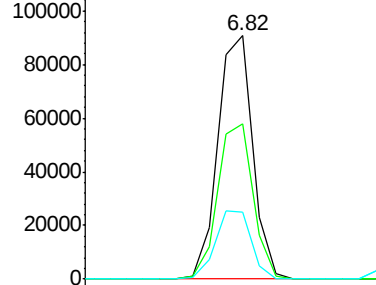


#12
1,3-Dichlorobenzene
Concen: 9.239 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

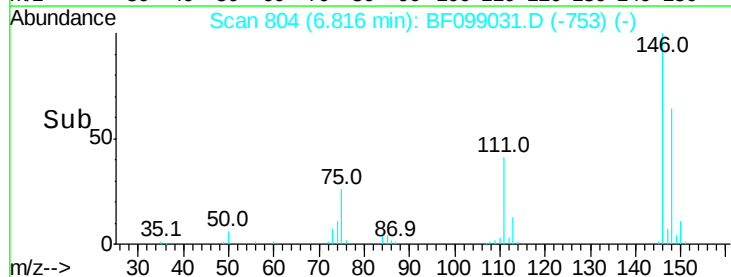
Tgt Ion: 146 Resp: 77583
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.8
75 27.3 24.2 36.4

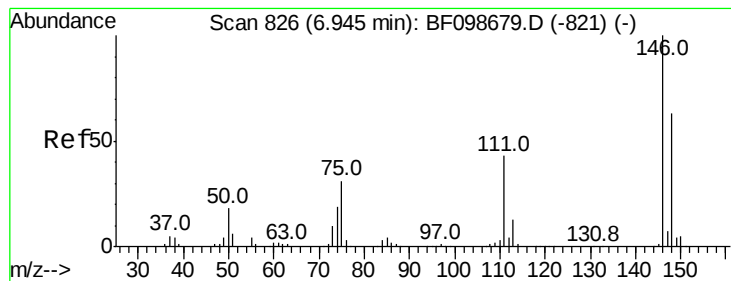


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0



Time--> 6.76 6.78 6.80 6.82 6.84





#13

1,4-Dichlorobenzene

Concen: 9.180 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

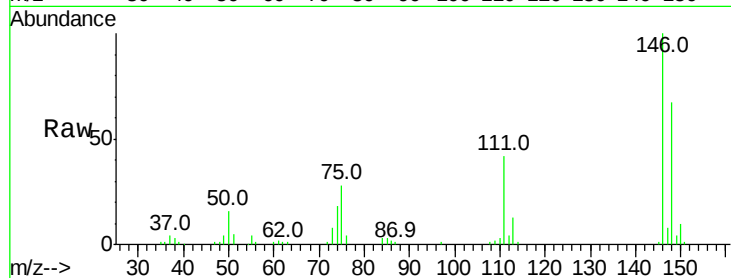
Tot Ion:146 Resp: 78433

Ion Ratio Lower Upper

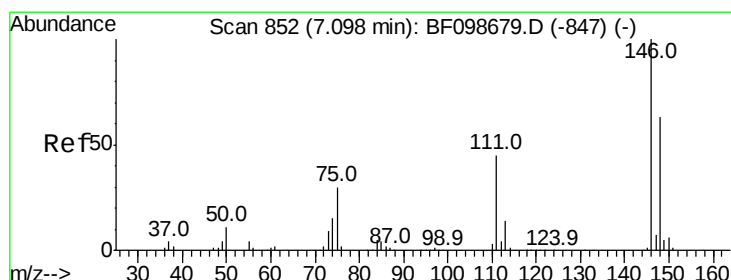
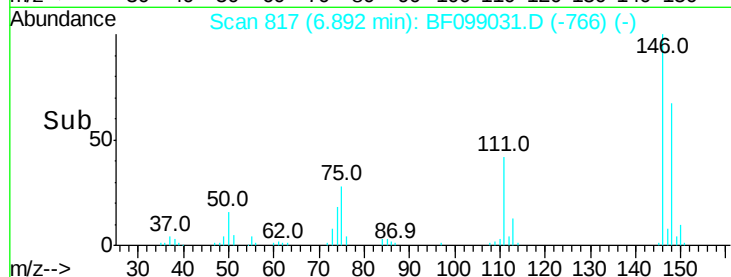
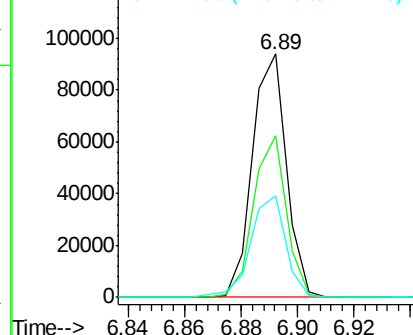
146 100

148 66.6 50.8 76.2

111 41.6 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: 9.300 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

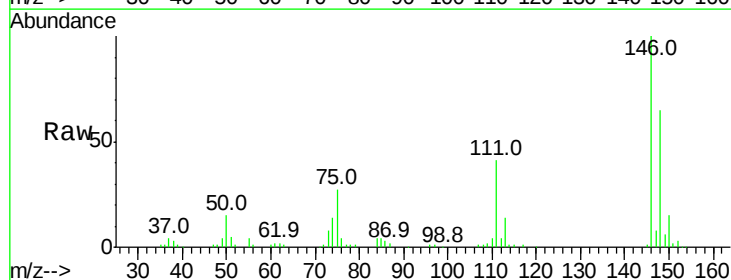
Tgt Ion:146 Resp: 73420

Ion Ratio Lower Upper

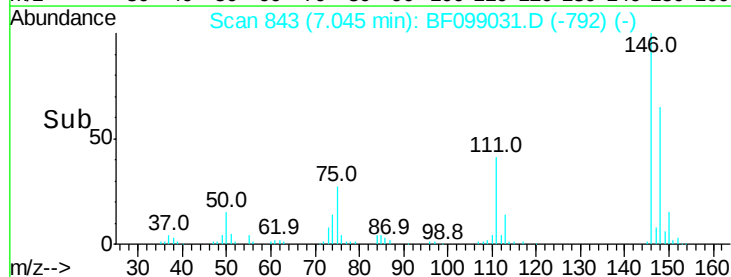
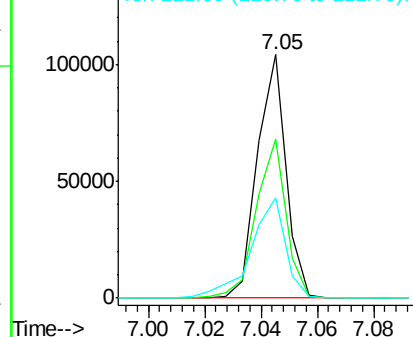
146 100

148 65.2 50.6 75.8

111 41.2 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: 9.831 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

Instrument :

BNA_F

ClientSampled :

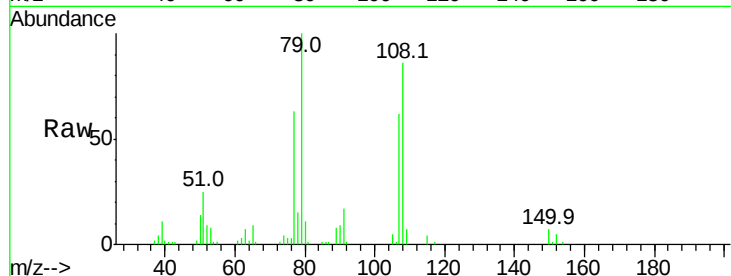
Tot Ion: 79 Resp: 62993

Ion Ratio Lower Upper

79 100

108 86.0 65.1 97.7

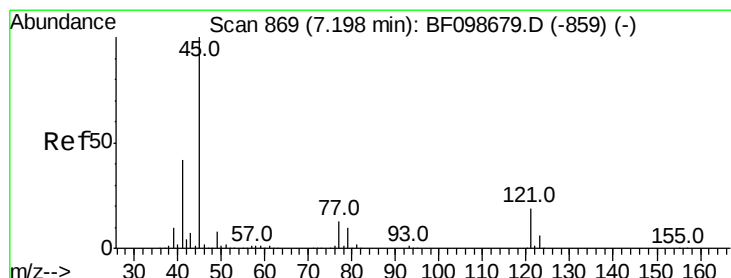
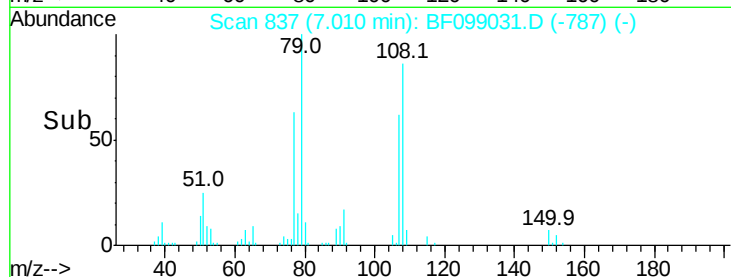
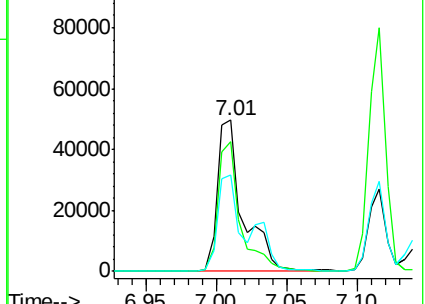
77 63.5 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.544 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

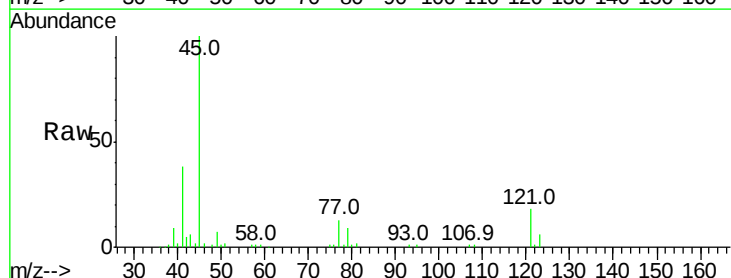
Tgt Ion: 45 Resp: 101095

Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.9

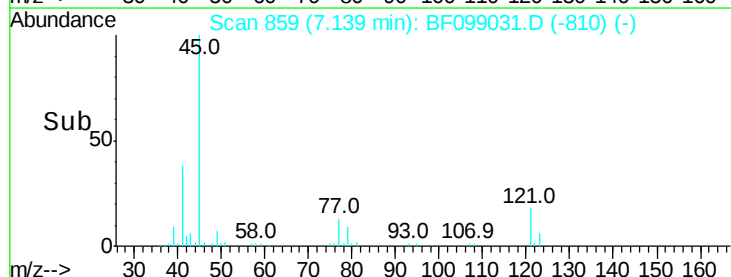
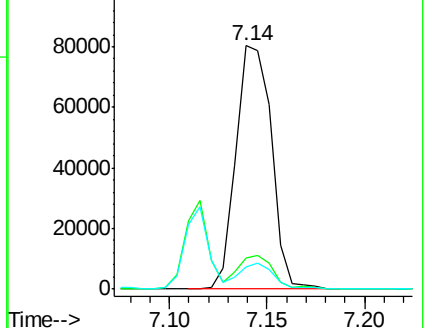
79 9.2 0.0 29.6

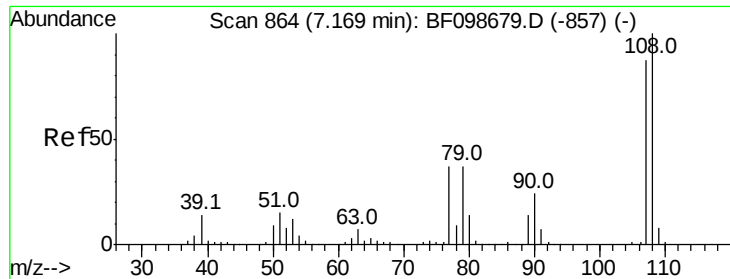


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

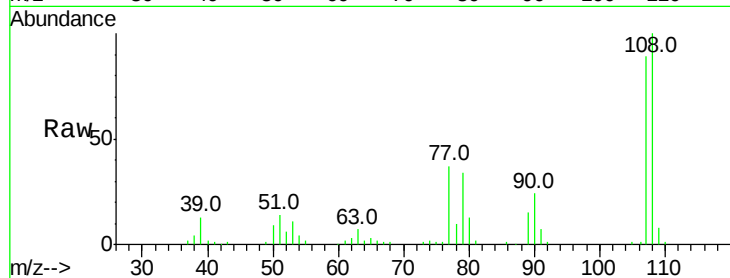




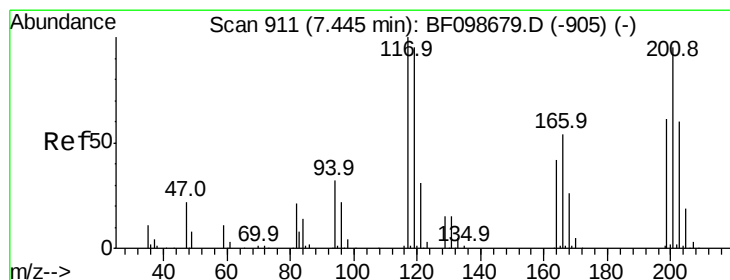
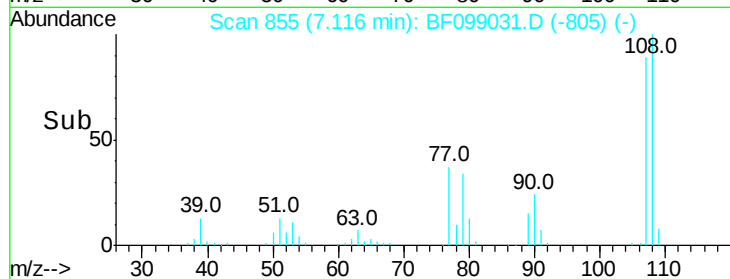
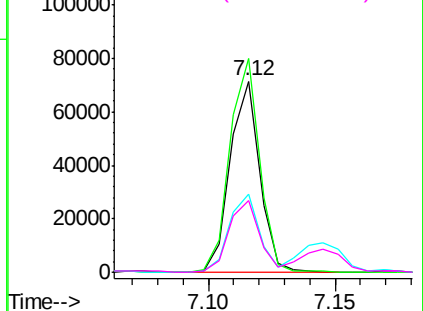
#17
2-Methylphenol
Concen: 8.816 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 57837
Ion Ratio Lower Upper
107 100
108 111.8 91.7 137.5
77 41.1 33.8 50.8
79 37.7 33.8 50.8

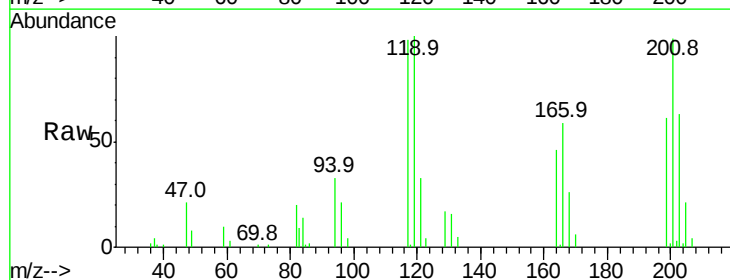


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

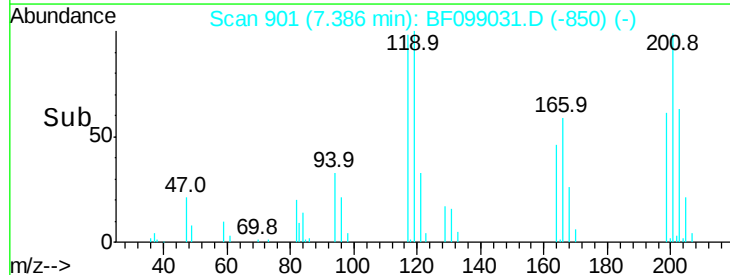
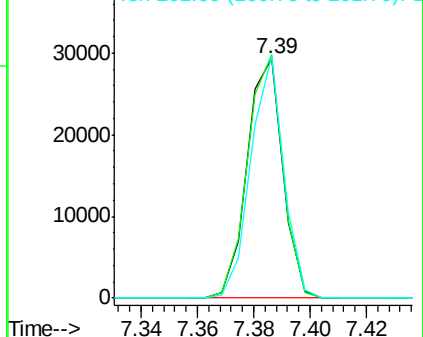


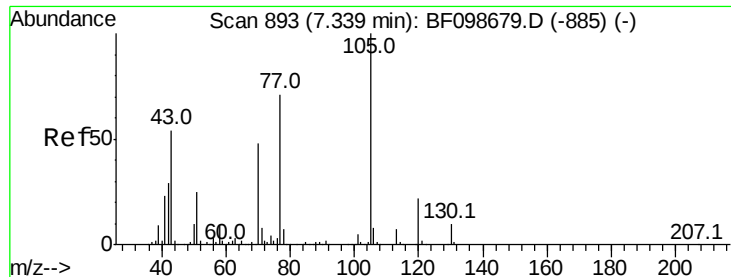
#18
Hexachloroethane
Concen: 8.346 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion:117 Resp: 25631
Ion Ratio Lower Upper
117 100
119 101.7 75.8 113.8
201 101.0 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

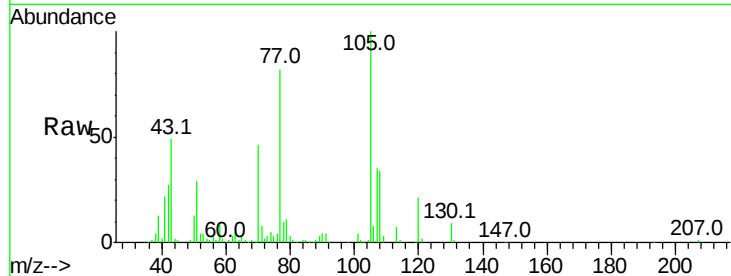




#19
n-Nitroso-di-n-propylamine
Concen: 8.906 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	49666
Ion	Ratio	Lower	Upper
70	100		
42	59.8	47.5	71.3
101	9.7	7.4	11.2
130	20.4	16.6	25.0



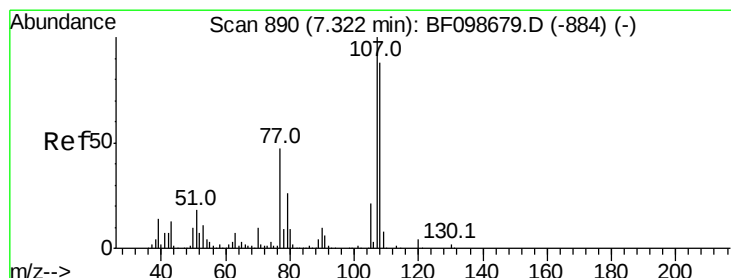
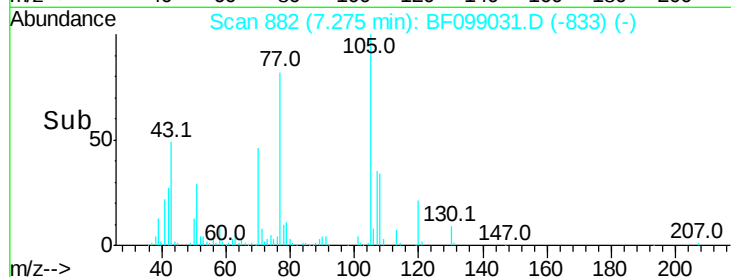
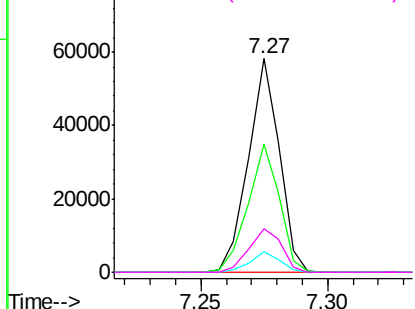
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

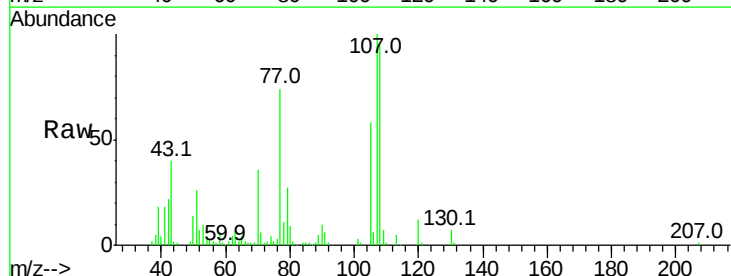
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 9.279 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion:	107	Resp:	77011
Ion	Ratio	Lower	Upper
107	100		
108	95.2	68.2	108.2
77	73.7	26.7	66.7#
79	27.0	6.3	46.3



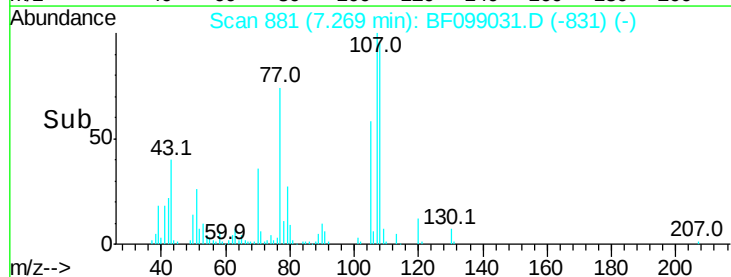
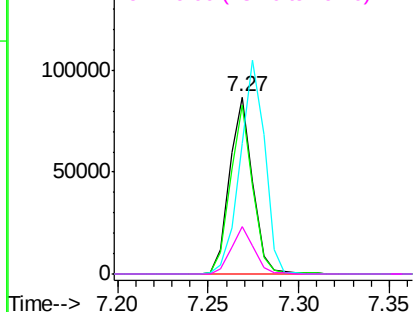
Abundance

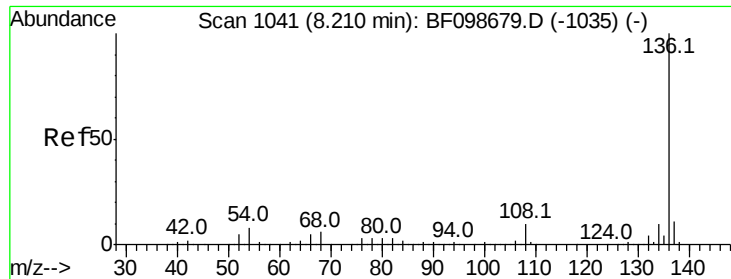
Ion 107.00 (106.70 to 107.70): E

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

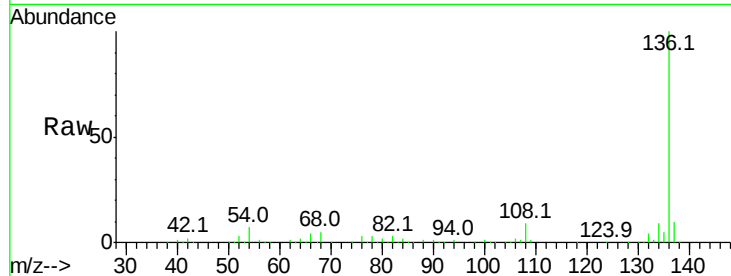




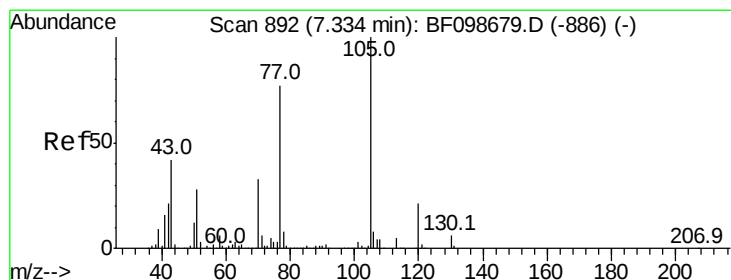
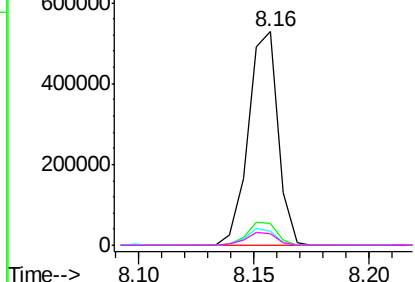
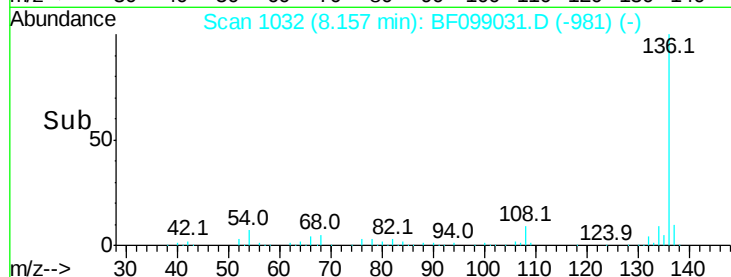
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	476053	
Ion Ratio	Lower	Upper	
136 100			
137 10.3	8.9	13.3	
54 6.8	6.6	9.8	
68 5.3	5.0	7.4	

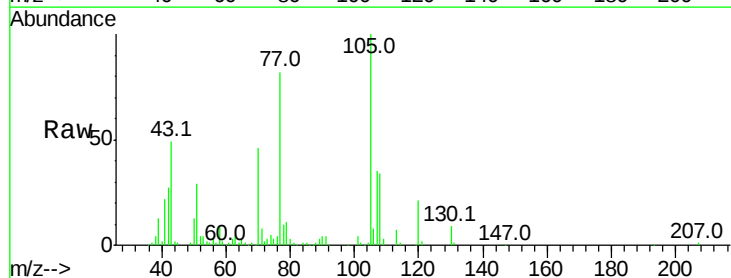


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

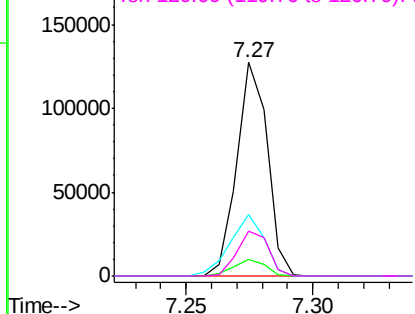
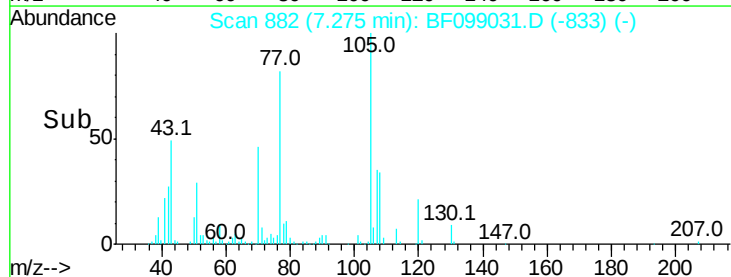


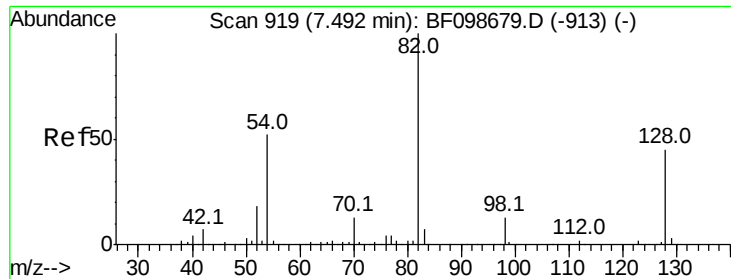
#22
Acetophenone
Concen: 9.267 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt	Ion:105	Resp:	106881
Ion	Ratio	Lower	Upper
105	100		
71	7.6	4.4	6.6#
51	29.0	22.3	33.5
120	21.2	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

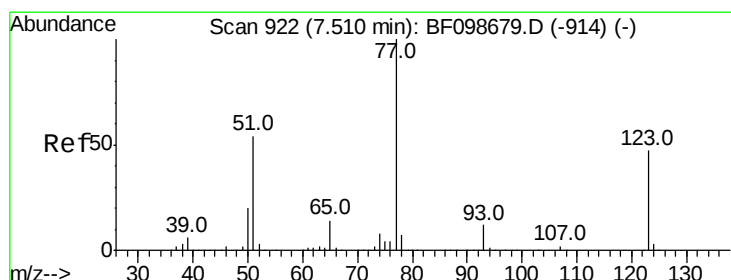
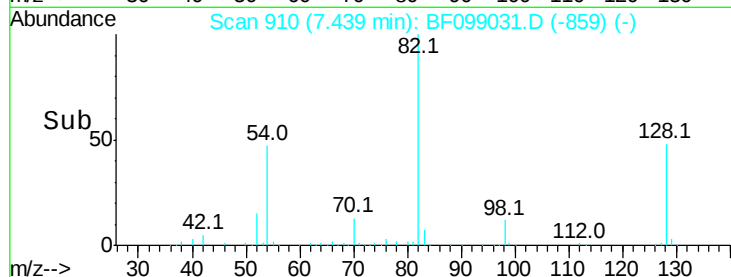
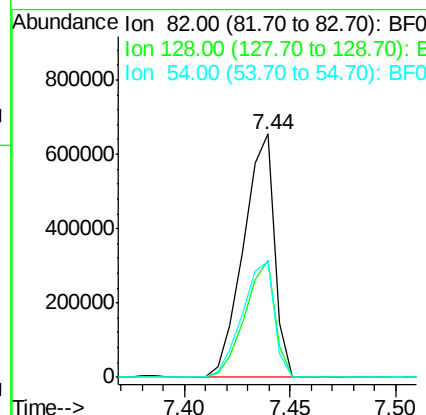
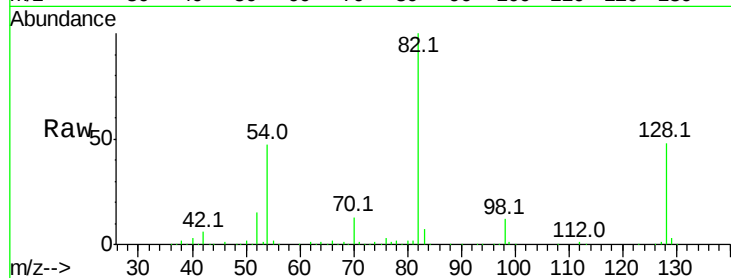




#23
Nitrobenzene-d5
Concen: 89.470 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

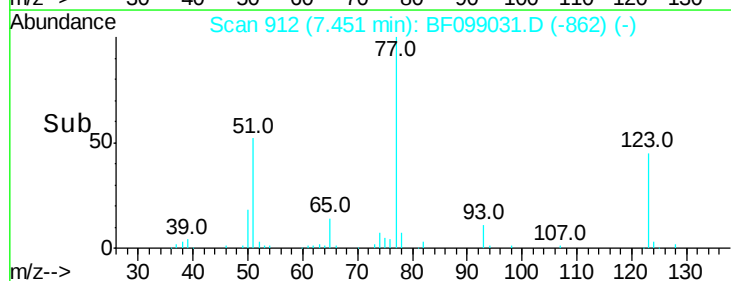
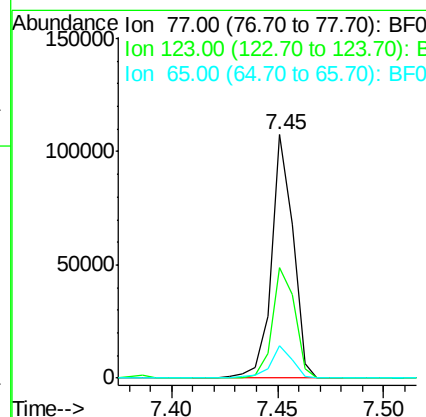
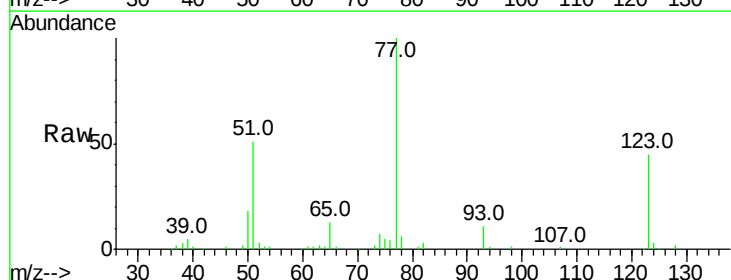
Instrument :
BNA_F
ClientSampleId :

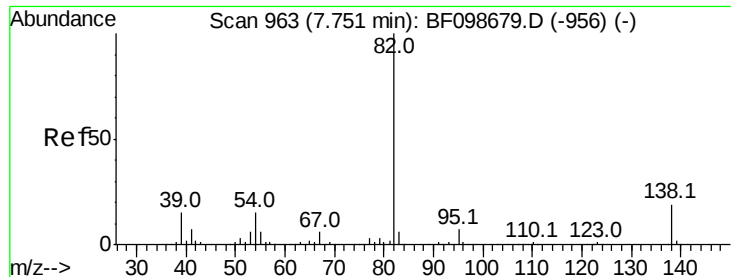
Tot Ion: 82 Resp: 664158
Ion Ratio Lower Upper
82 100
128 48.1 36.1 54.1
54 47.3 41.4 62.2



#24
Nitrobenzene
Concen: 9.122 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion: 77 Resp: 76814
Ion Ratio Lower Upper
77 100
123 45.4 37.9 56.9
65 13.4 11.0 16.4





#25

Isophorone

Concen: 8.568 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

Instrument :

BNA_F

ClientSampled :

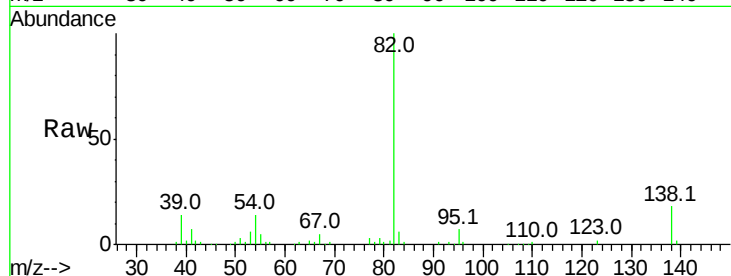
Tot Ion: 82 Resp: 131493

Ion Ratio Lower Upper

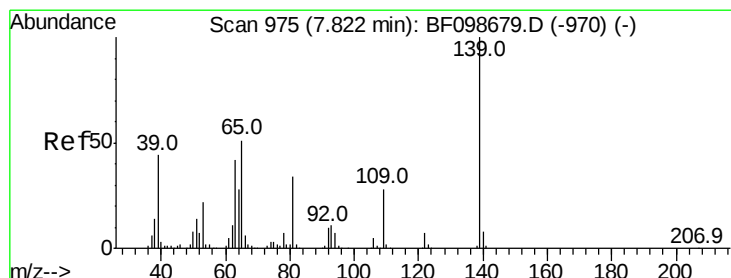
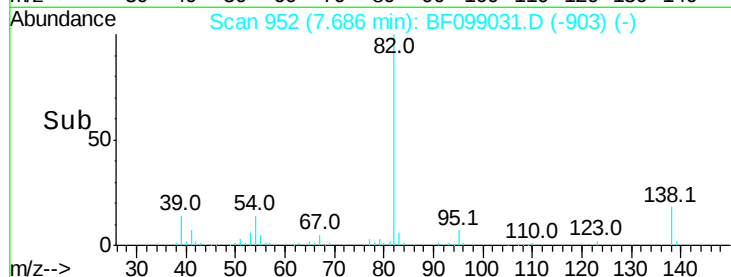
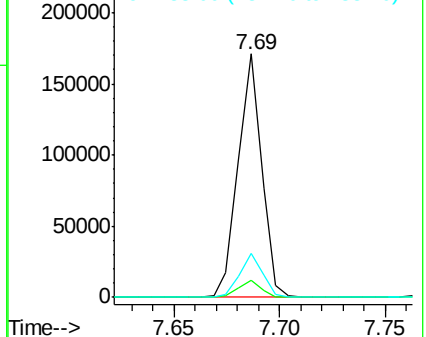
82 100

95 6.9 5.2 7.8

138 18.3 14.9 22.3



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



#26

2-Nitrophenol

Concen: 8.807 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

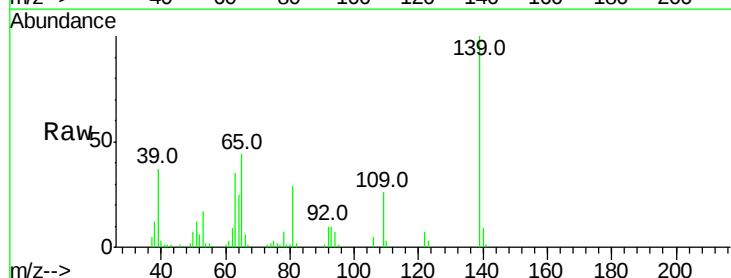
Tgt Ion: 139 Resp: 35664

Ion Ratio Lower Upper

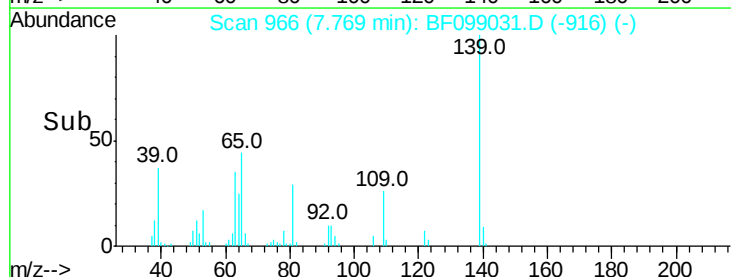
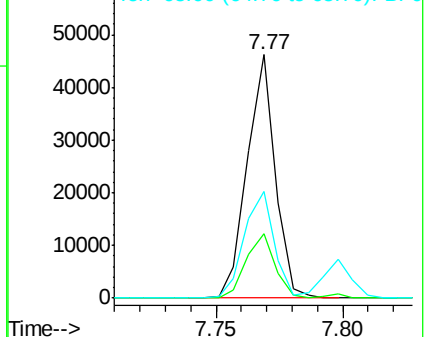
139 100

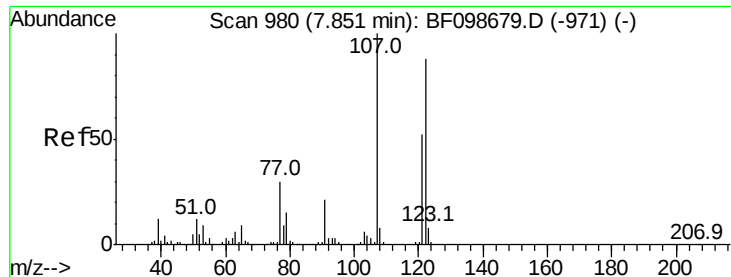
109 26.3 22.7 34.1

65 43.6 40.5 60.7



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

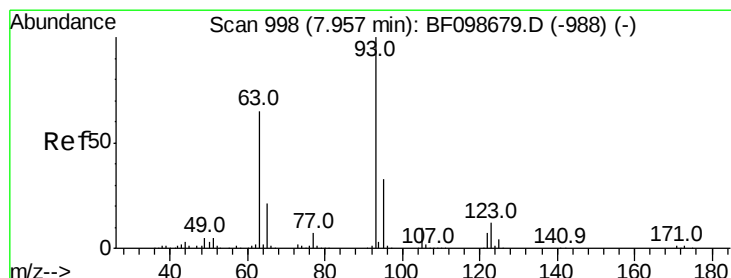
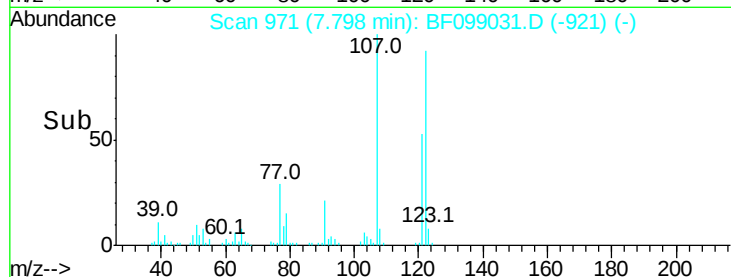
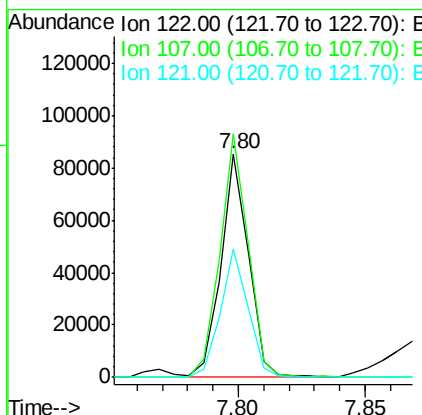
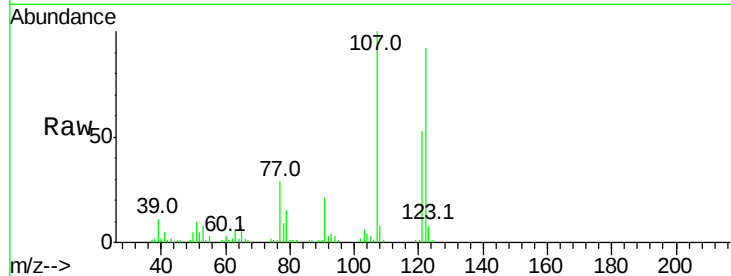




#27
 2,4-Dimethylphenol
 Concen: 8.447 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

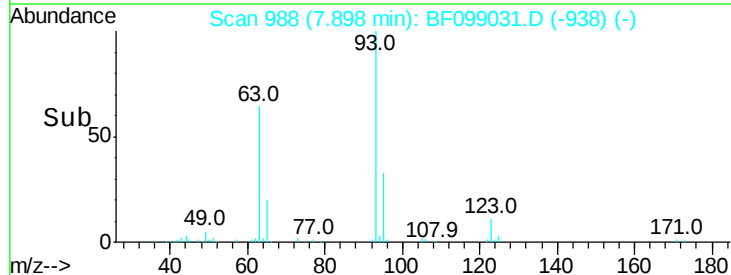
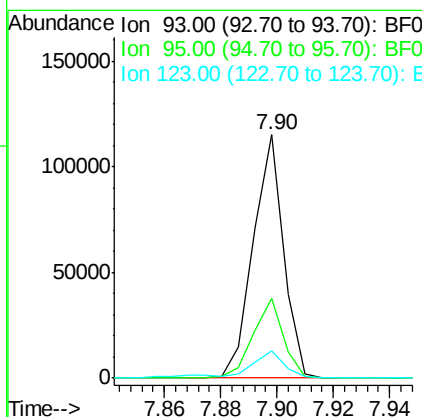
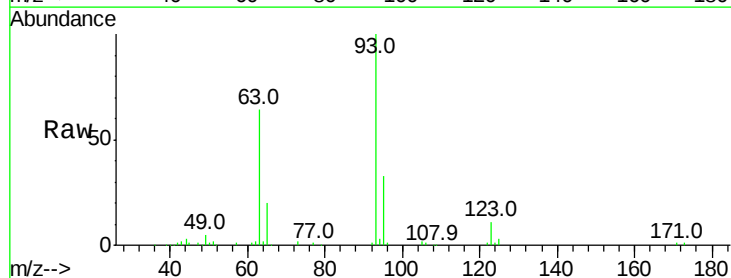
Instrument :
 BNA_F
 ClientSampleId :

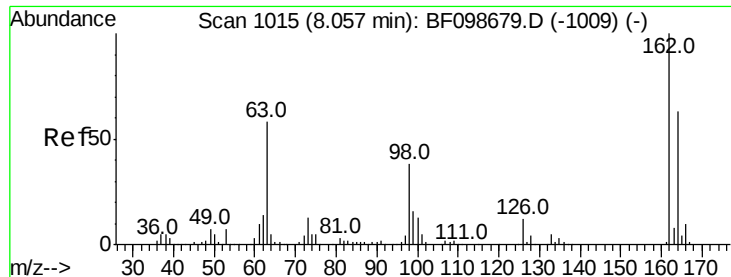
Tot Ion:122 Resp: 64598
 Ion Ratio Lower Upper
 122 100
 107 109.0 91.2 136.8
 121 57.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 9.003 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Tgt Ion: 93 Resp: 86112
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 11.4 9.8 14.6

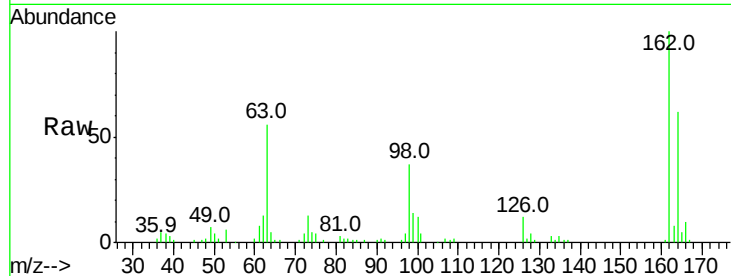




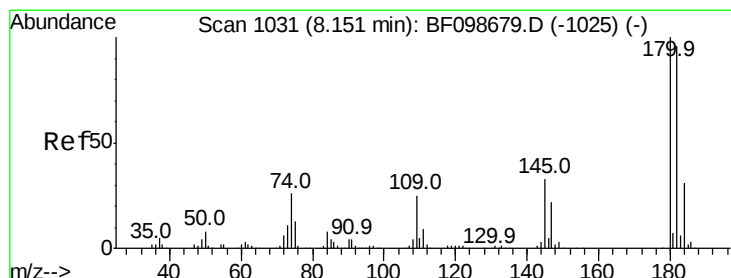
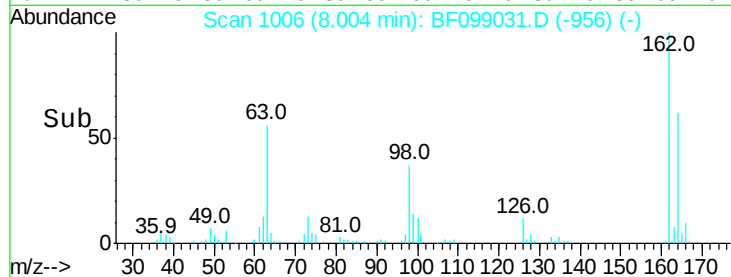
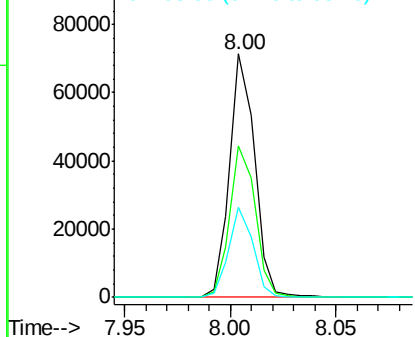
#29
 2,4-Dichlorophenol
 Concen: 8.922 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 58580
 Ion Ratio Lower Upper
 162 100
 164 62.4 42.7 82.7
 98 36.9 18.1 58.1

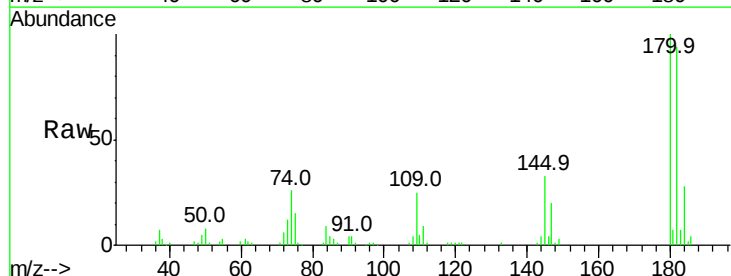


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

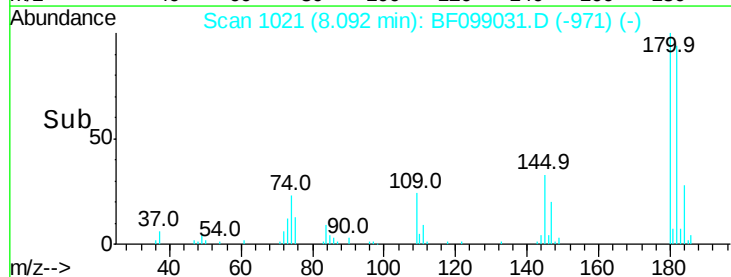
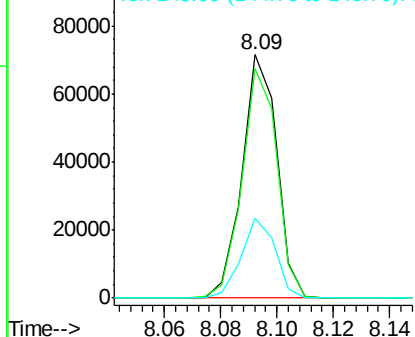


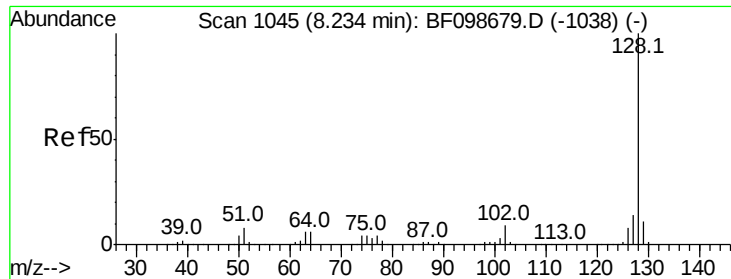
#30
 1,2,4-Trichlorobenzene
 Concen: 9.280 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Tgt Ion:180 Resp: 60942
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.8 115.2
 145 32.9 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

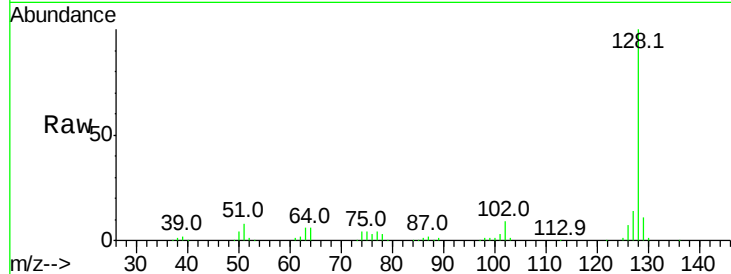




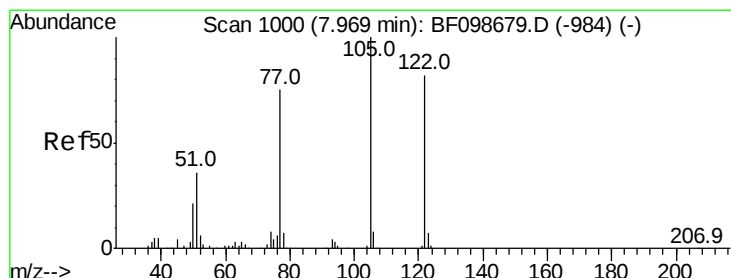
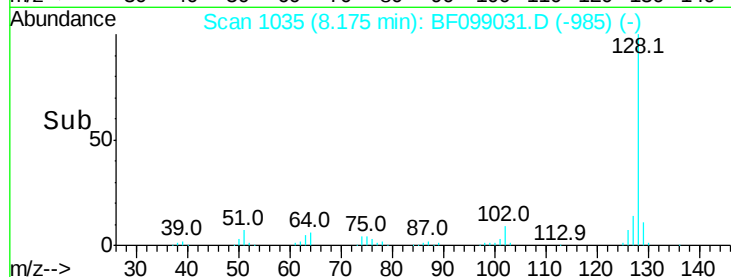
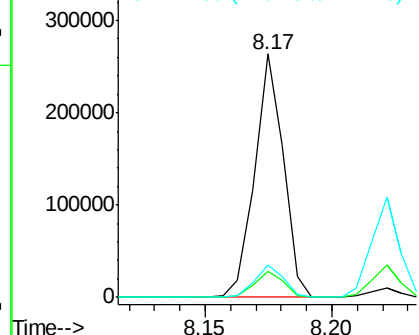
#31
Naphthalene
Concen: 9.286 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 207619
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.6 10.9 16.3

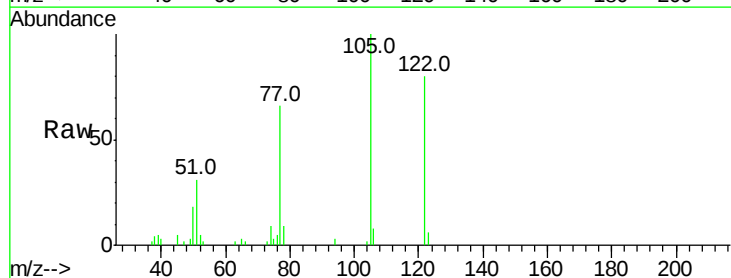


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

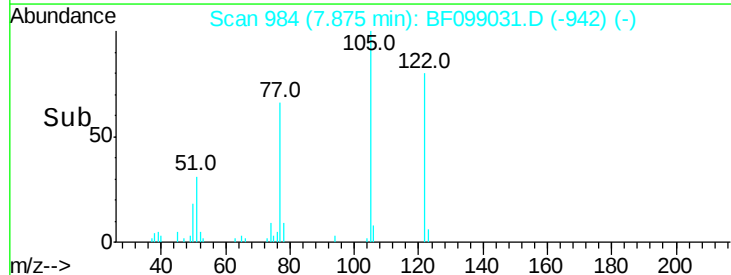
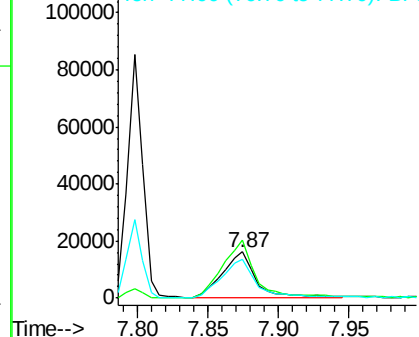


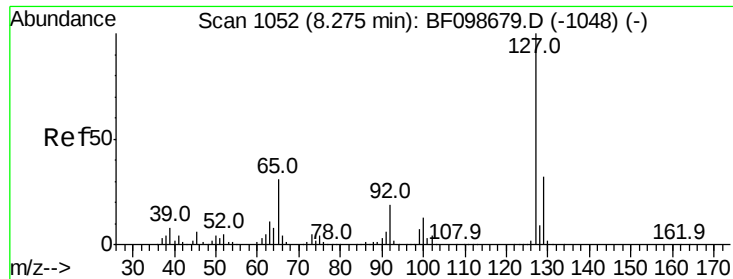
#32
Benzoic acid
Concen: 4.332 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.05 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion:122 Resp: 27211
Ion Ratio Lower Upper
122 100
105 125.5 101.1 141.1
77 83.2 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

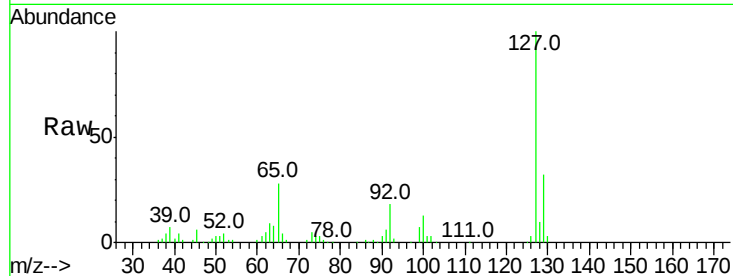




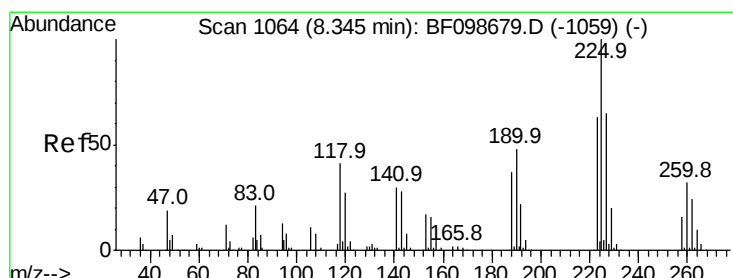
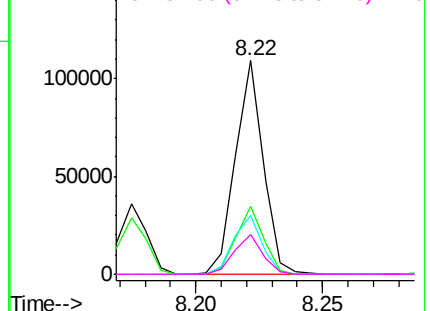
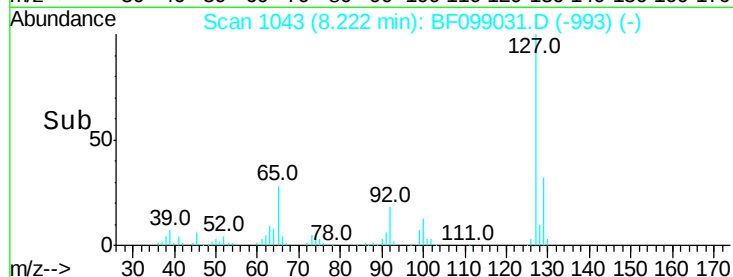
#33
4-Chloroaniline
Concen: 8.880 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	82910
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	27.8	25.0	37.4
92	18.5	15.2	22.8

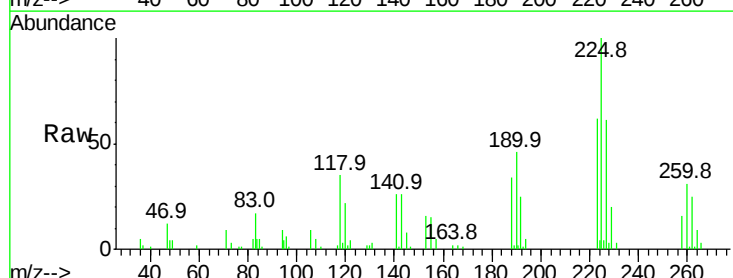


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

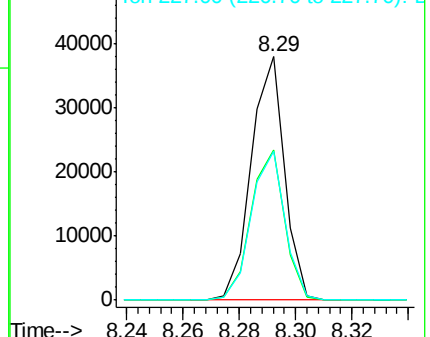
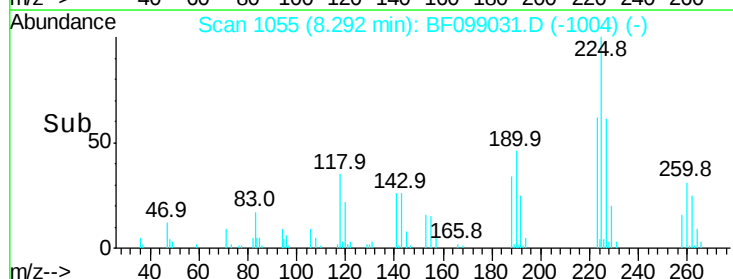


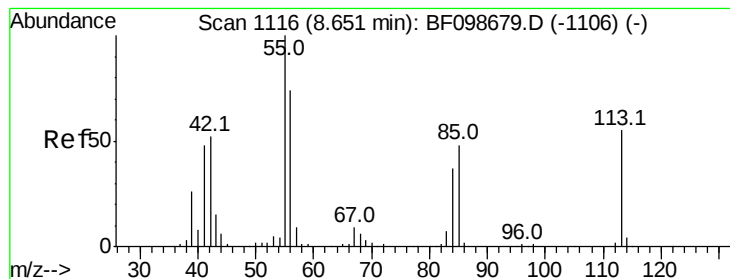
#34
Hexachlorobutadiene
Concen: 9.148 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion:	225	Resp:	30943
Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.6	76.0
227	61.2	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 8.422 ng

RT: 8.56 min Scan# 1100

Delta R.T. -0.05 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

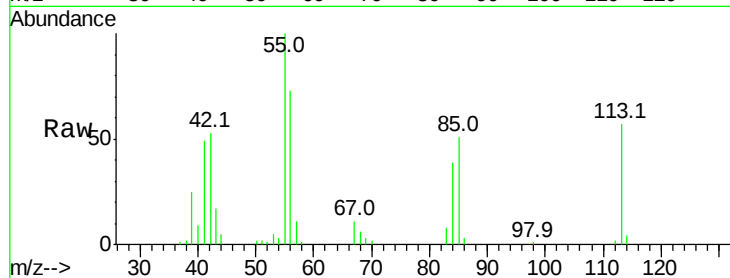
Tot Ion:113 Resp: 17738

Ion Ratio Lower Upper

113 100

55 176.7 163.3 203.3

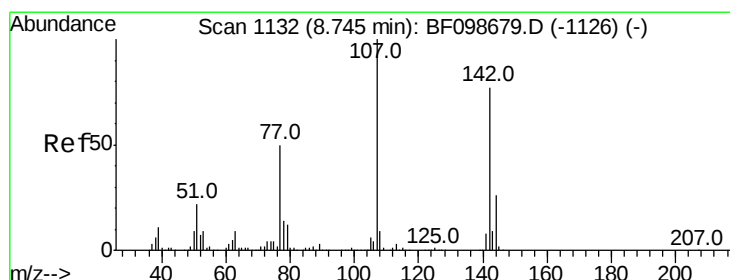
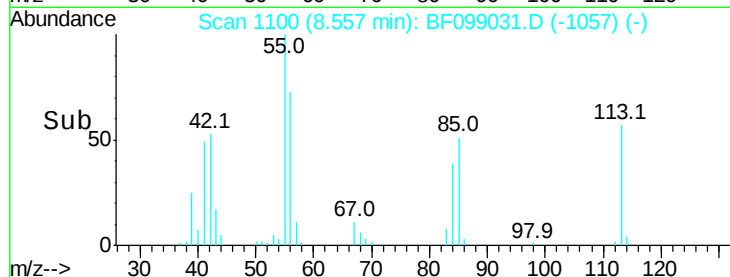
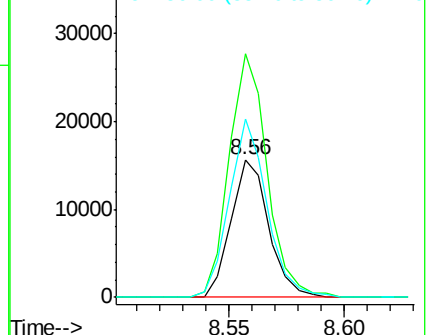
56 129.9 115.7 155.7



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: 8.769 ng

RT: 8.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

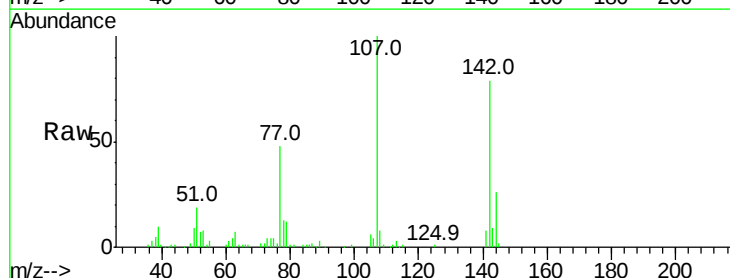
Tgt Ion:107 Resp: 64712

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

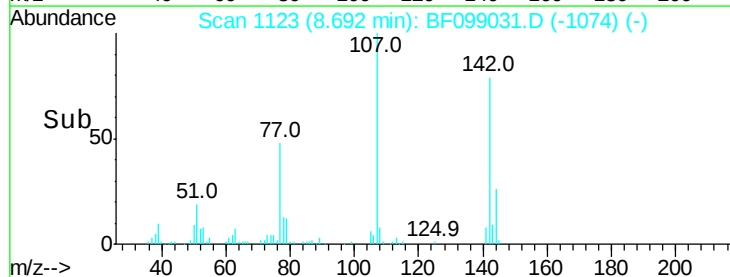
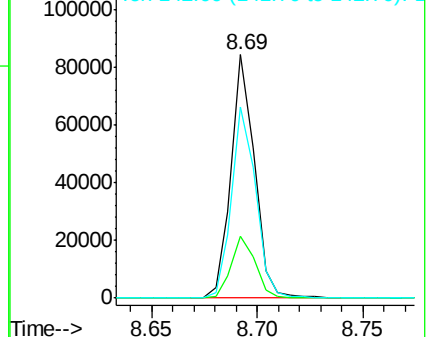
142 78.7 62.0 93.0

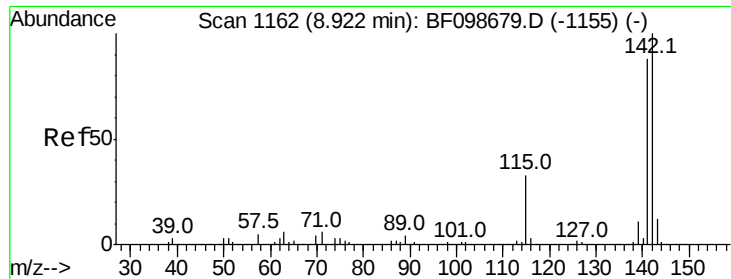


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

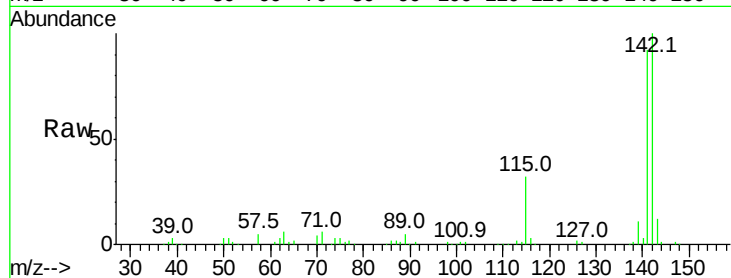




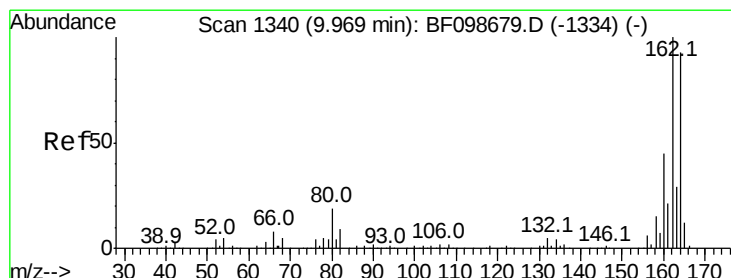
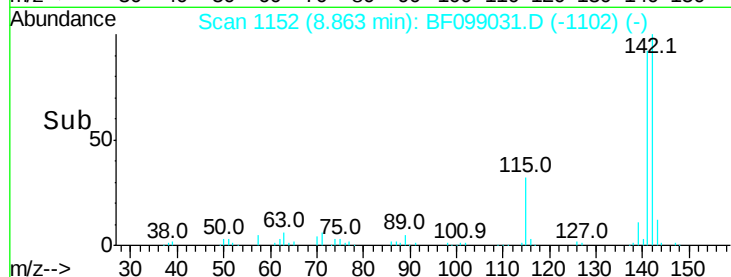
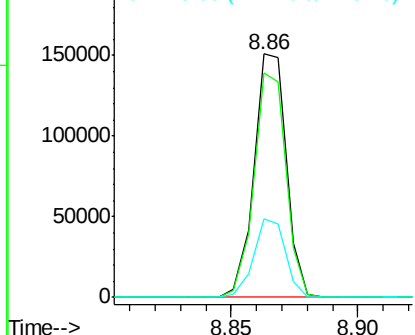
#37
 2-Methylnaphthalene
 Concen: 9.287 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 134982
 Ion Ratio Lower Upper
 142 100
 141 92.3 70.8 106.2
 115 32.5 26.1 39.1

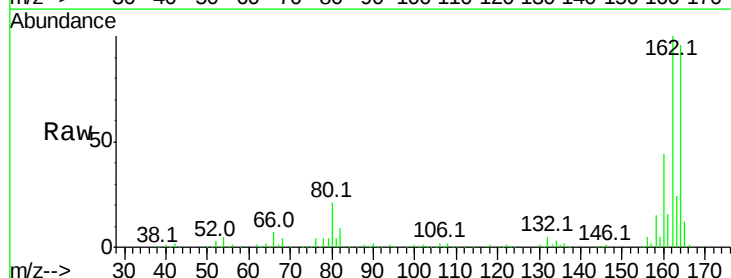


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

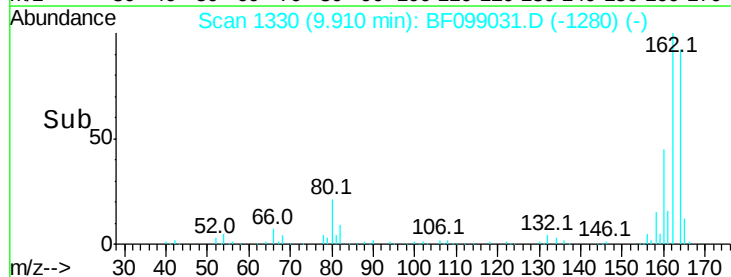
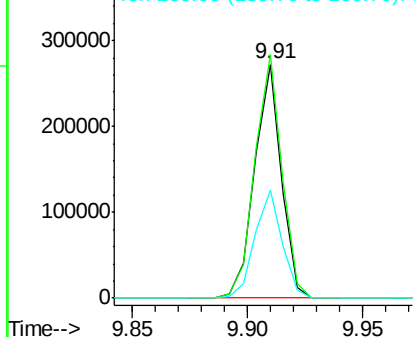


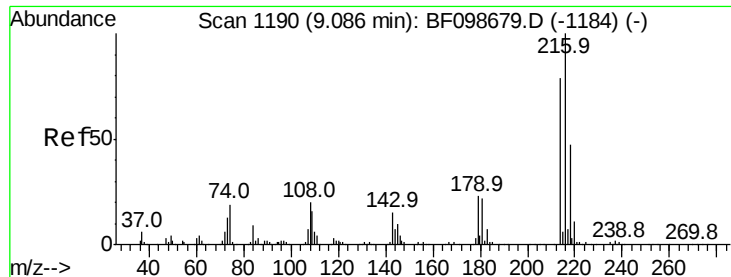
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Tgt Ion:164 Resp: 219989
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 46.3 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

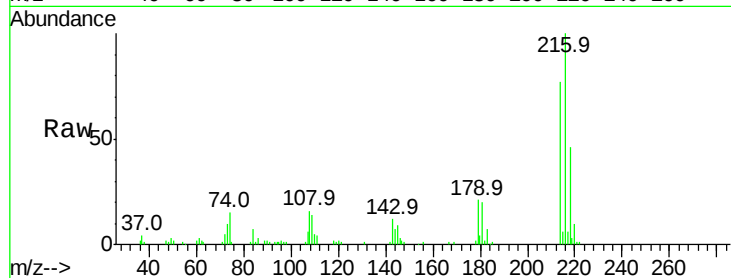




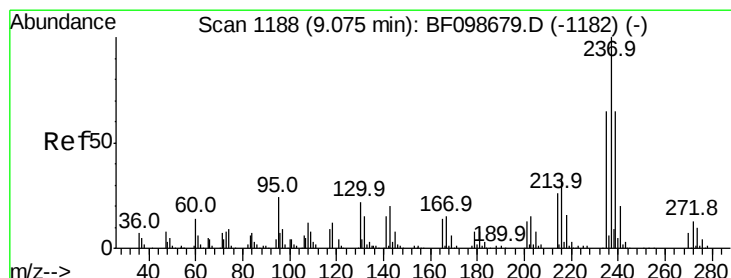
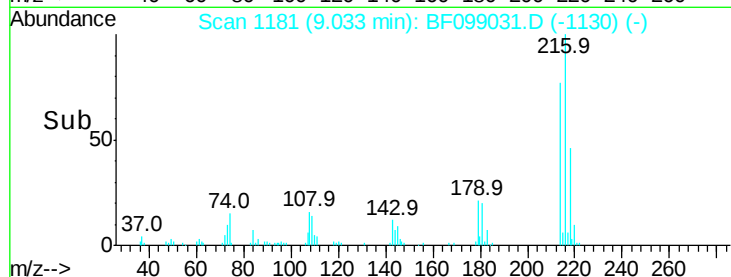
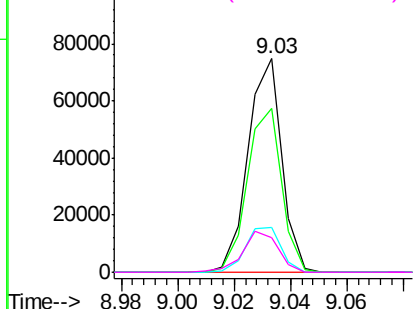
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.417 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	61784
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	22.6	18.1	27.1
108	19.9	17.2	25.8

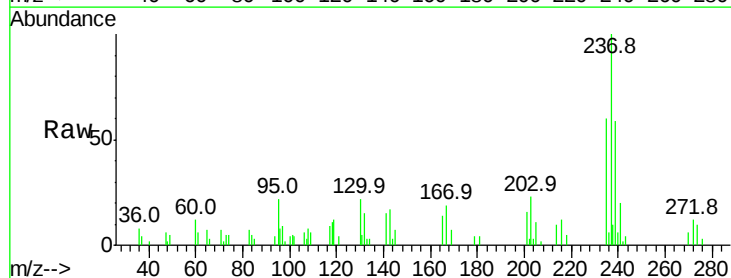


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

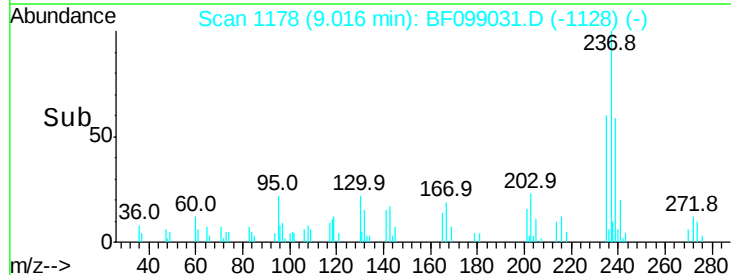
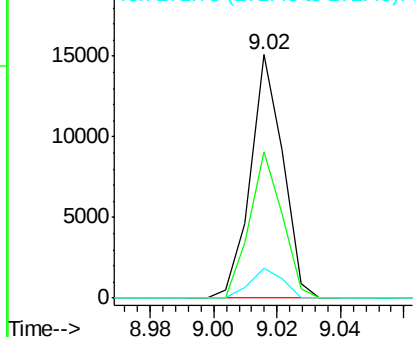


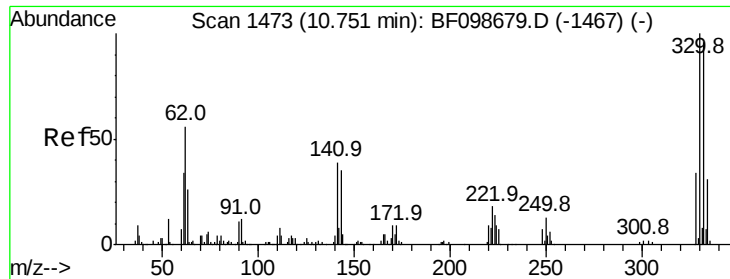
#40
 Hexachlorocyclopentadiene
 Concen: 3.572 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Tgt Ion:	237	Resp:	10709
Ion	Ratio	Lower	Upper
237	100		
235	59.9	44.8	84.8
272	12.1	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

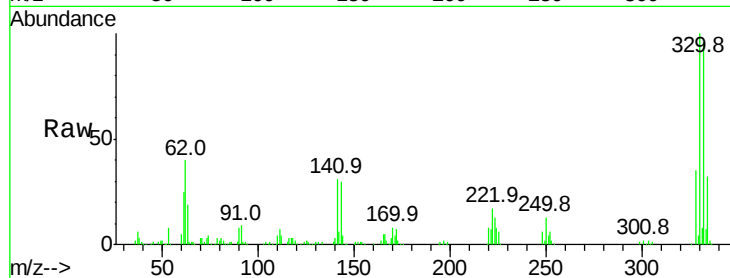




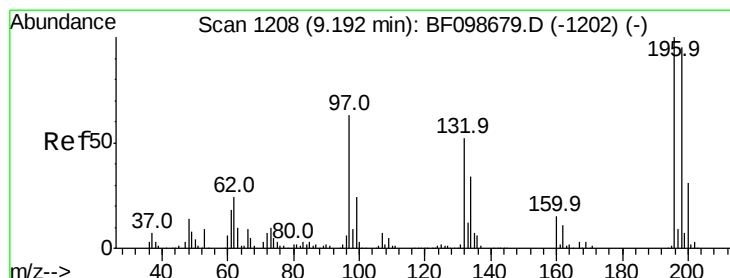
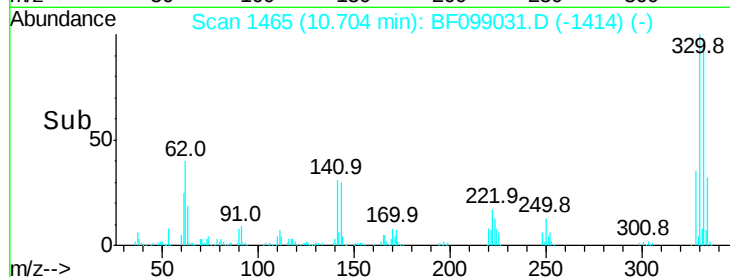
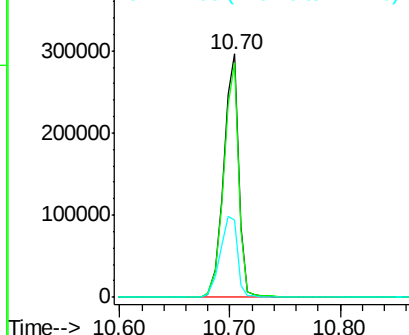
#41
 2,4,6-Tribromophenol
 Concen: 157.865 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 284174
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 38.1 29.9 44.9

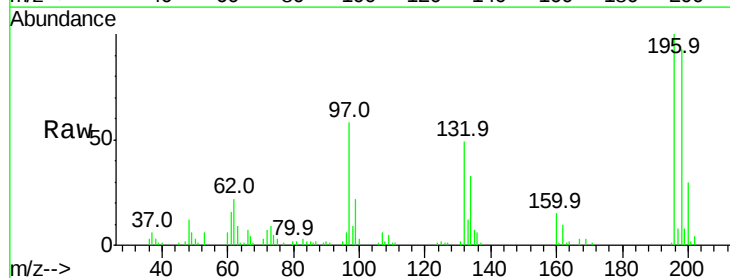


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

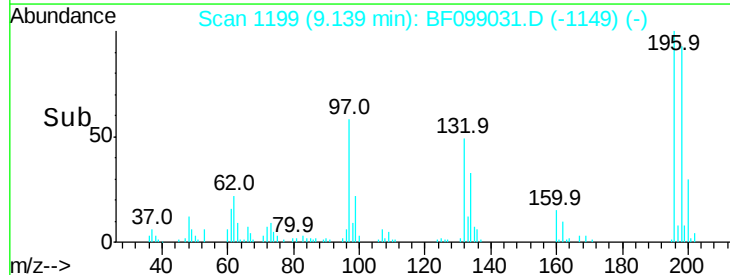
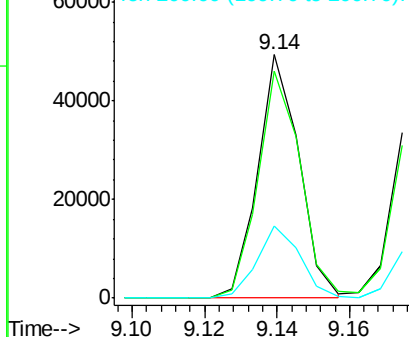


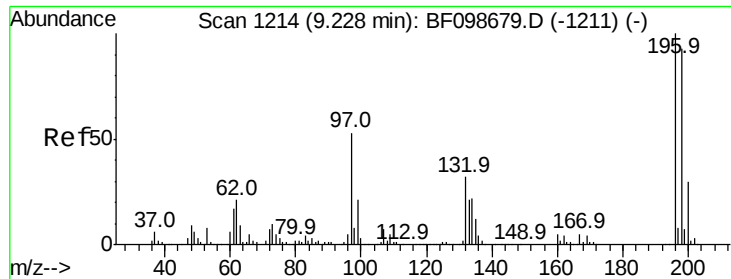
#42
 2,4,6-Trichlorophenol
 Concen: 8.348 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Tgt Ion:196 Resp: 38799
 Ion Ratio Lower Upper
 196 100
 198 93.0 75.7 113.5
 200 29.7 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

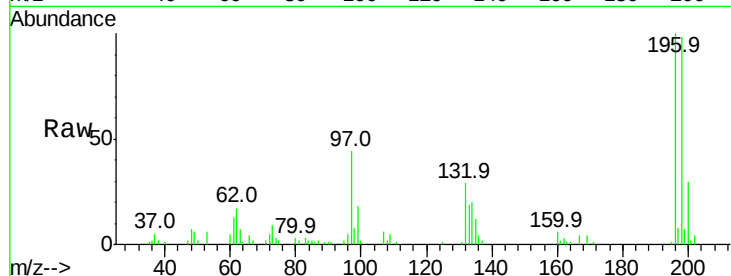




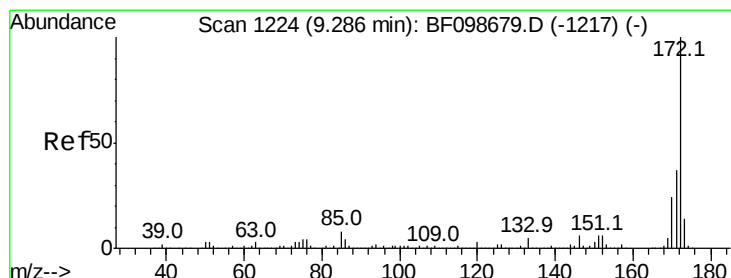
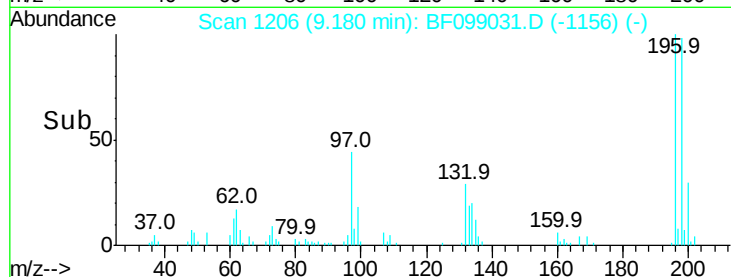
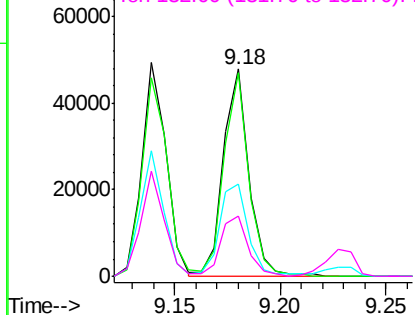
#43
 2,4,5-Trichlorophenol
 Concen: 8.648 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 40124
 Ion Ratio Lower Upper
 196 100
 198 98.2 74.6 112.0
 97 44.4 42.9 64.3
 132 29.0 26.3 39.5

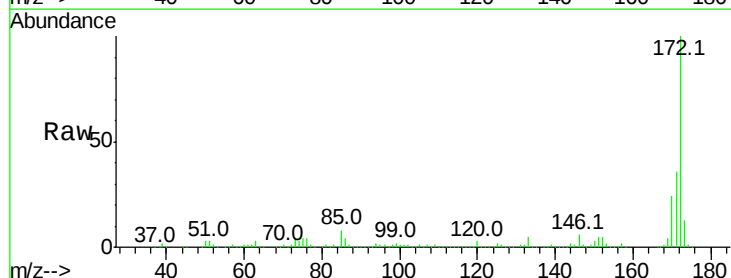


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

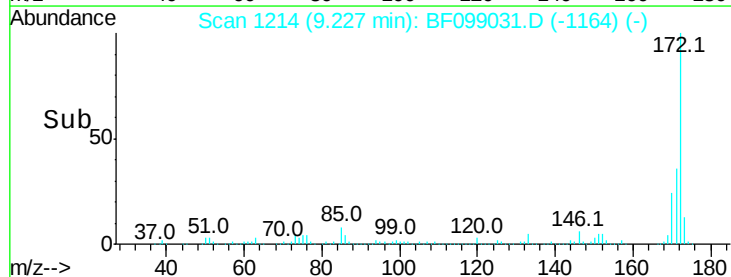
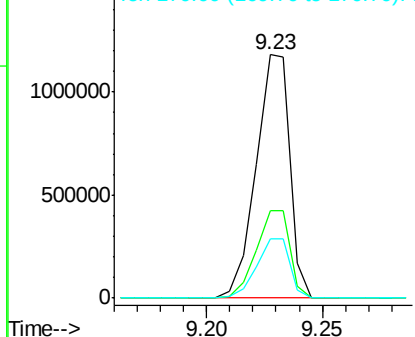


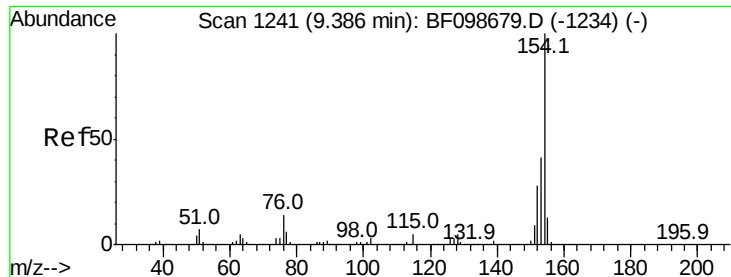
#44
 2-Fluorobiphenyl
 Concen: 91.474 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Tgt Ion:172 Resp: 1205405
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.2 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

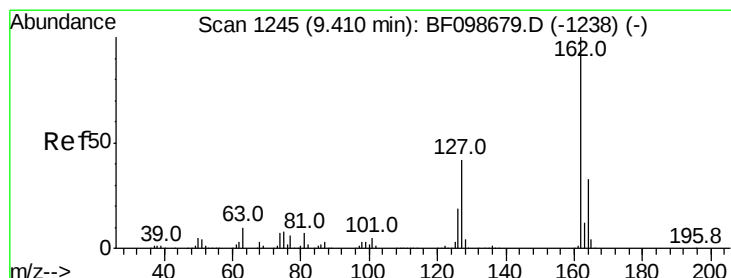
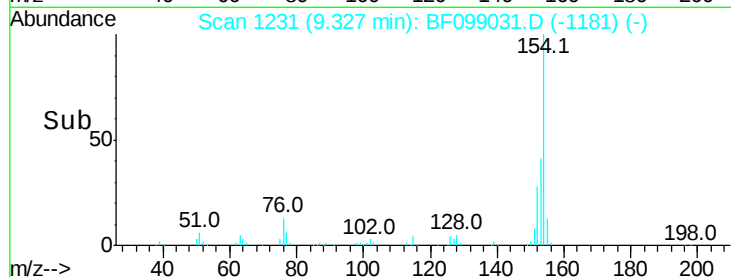
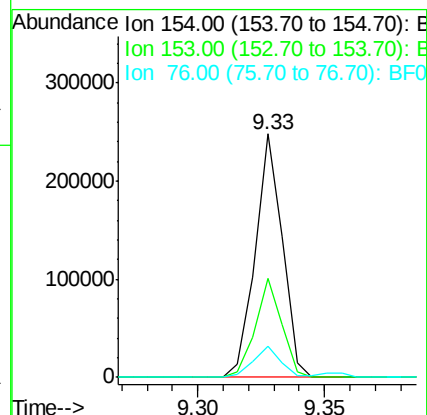
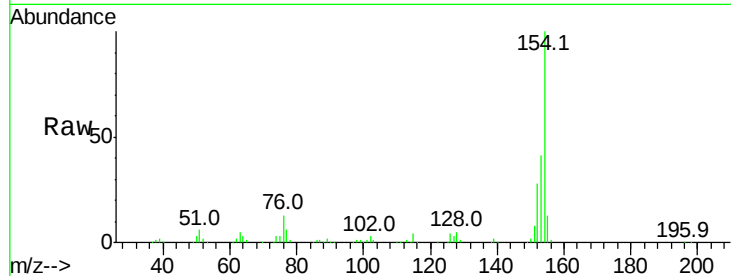




#45
 1,1'-Biphenyl
 Concen: 9.774 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

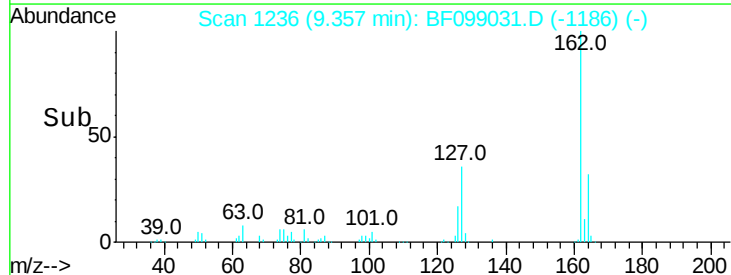
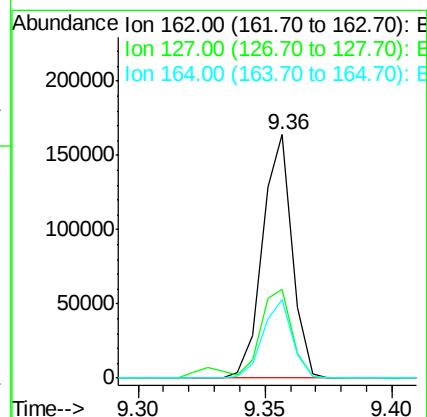
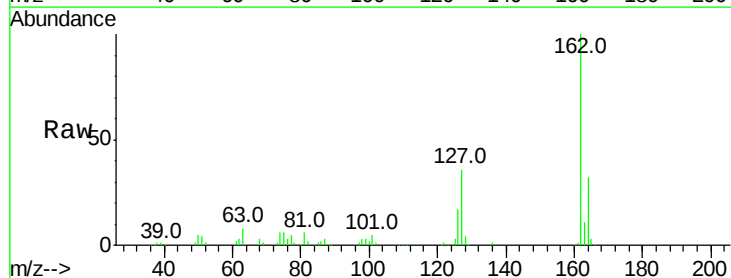
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 184802
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.3 61.3
 76 12.6 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 9.363 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Tgt Ion:162 Resp: 132909
 Ion Ratio Lower Upper
 162 100
 127 36.5 33.9 50.9
 164 32.2 26.5 39.7

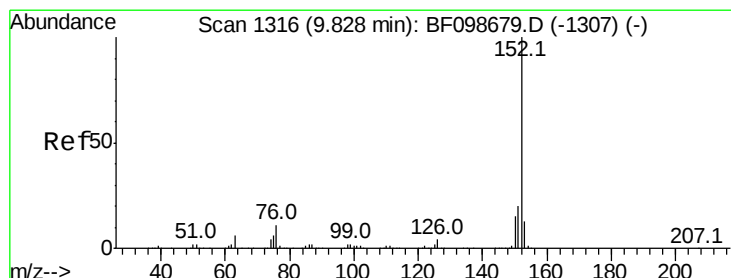
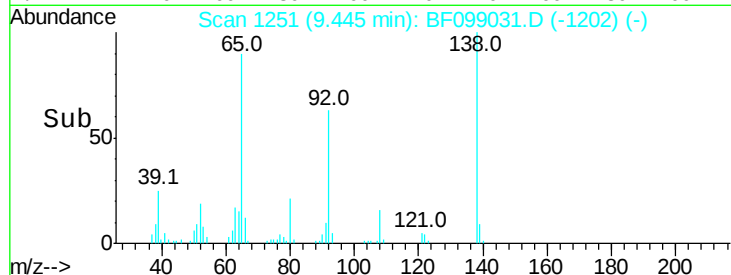
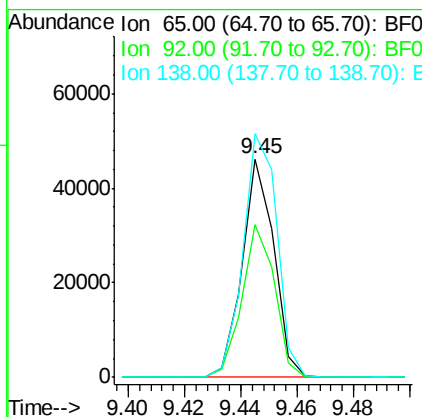
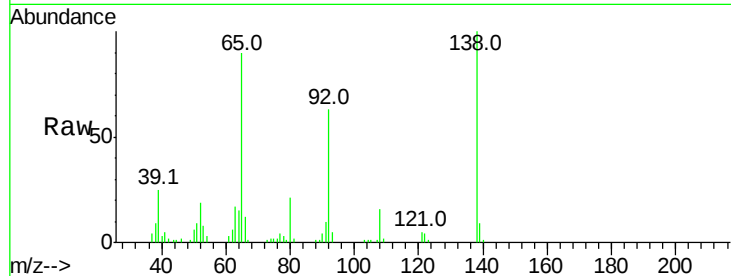




#47
2-Nitroaniline
Concen: 8.284 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

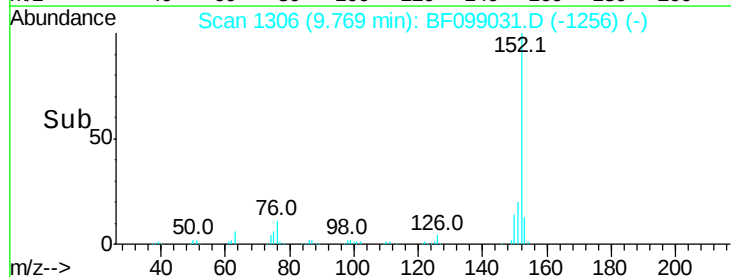
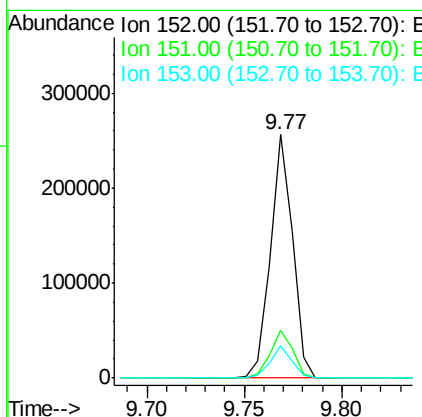
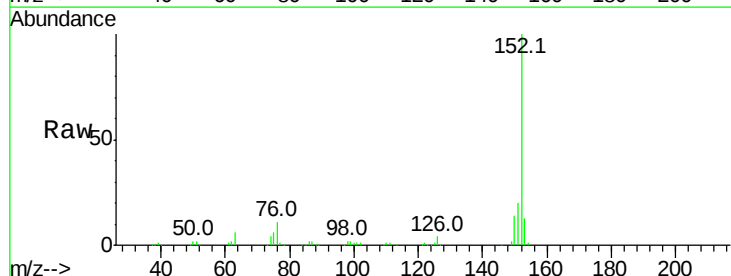
Instrument :
BNA_F
ClientSampleId :

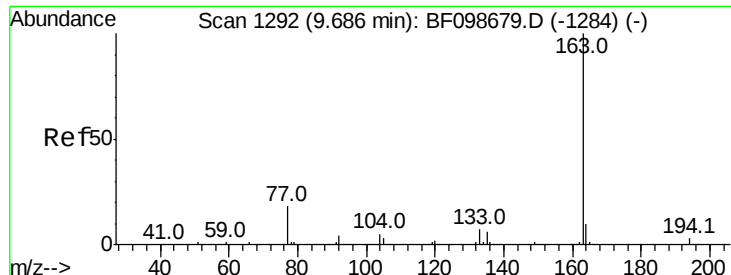
Tot Ion: 65 Resp: 36009
Ion Ratio Lower Upper
65 100
92 70.0 55.8 83.6
138 111.4 91.2 136.8



#48
Acenaphthylene
Concen: 9.307 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion: 152 Resp: 202244
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.4 10.7 16.1

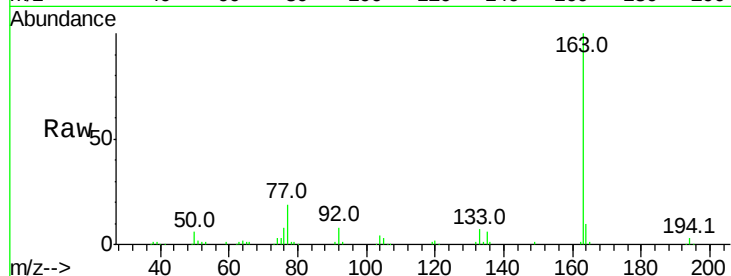




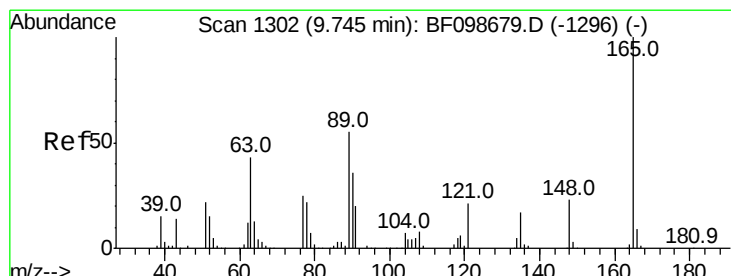
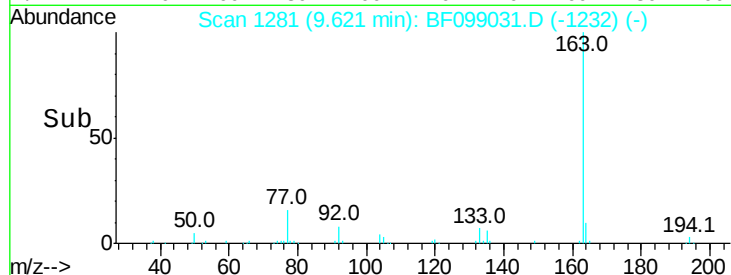
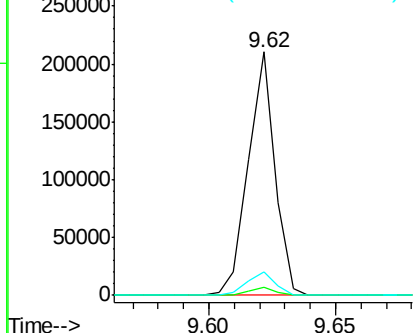
#49
Dimethylphthalate
Concen: 9.294 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 154321
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.6 8.2 12.2

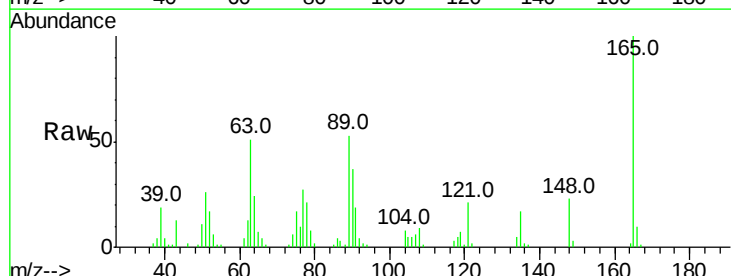


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

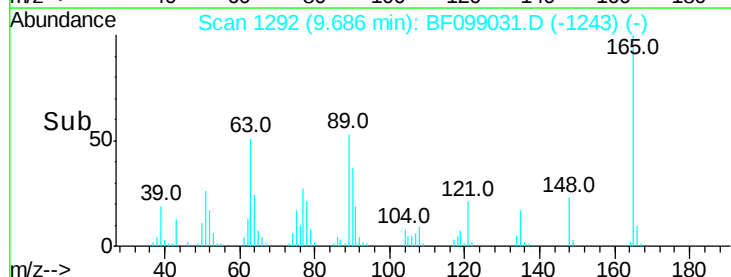
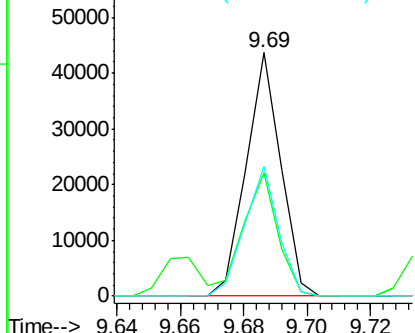


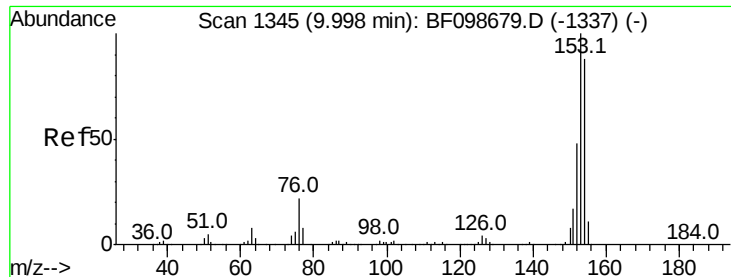
#50
2,6-Dinitrotoluene
Concen: 9.111 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion:165 Resp: 32932
Ion Ratio Lower Upper
165 100
63 50.6 44.7 67.1
89 53.3 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: 9.174 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

Instrument :

BNA_F

ClientSampled :

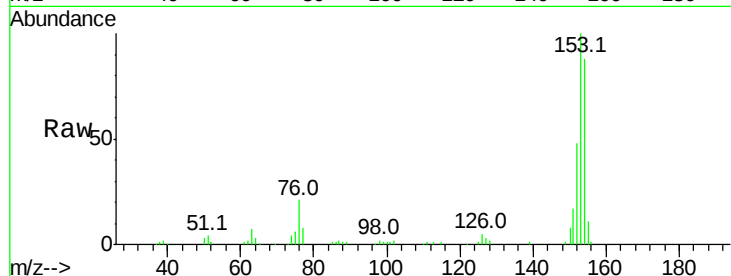
Tot Ion:154 Resp: 126284

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

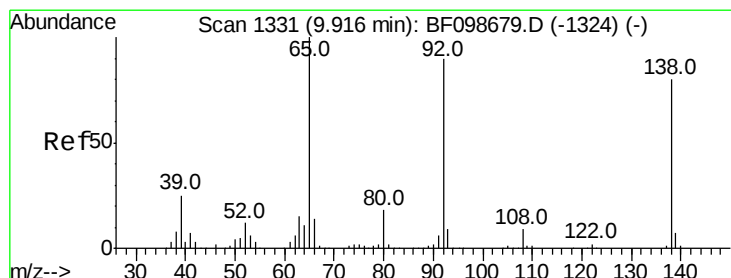
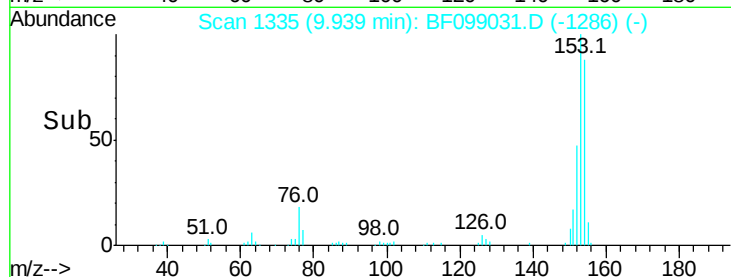
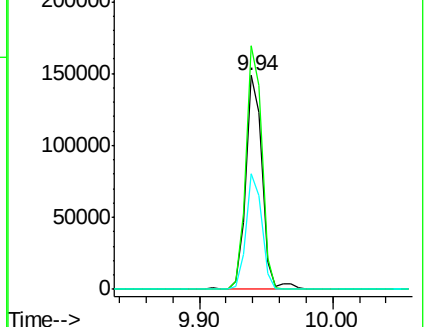
152 54.2 43.8 65.8



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: 8.712 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

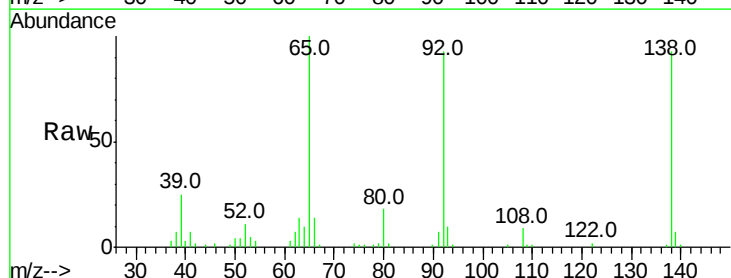
Tgt Ion:138 Resp: 36721

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

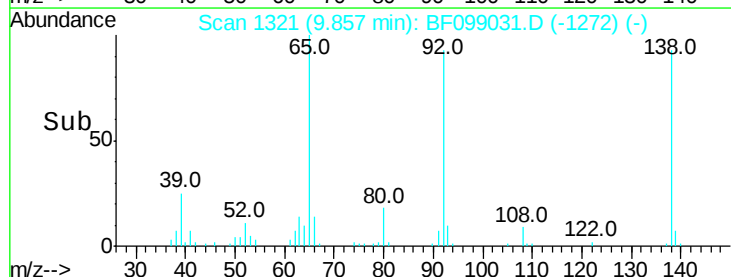
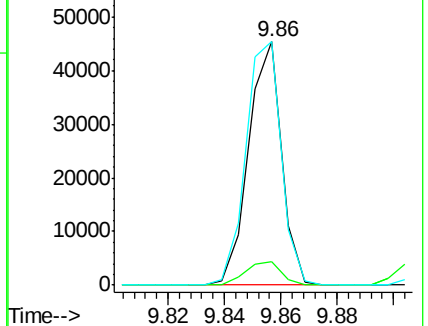
92 100.1 89.4 134.2



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

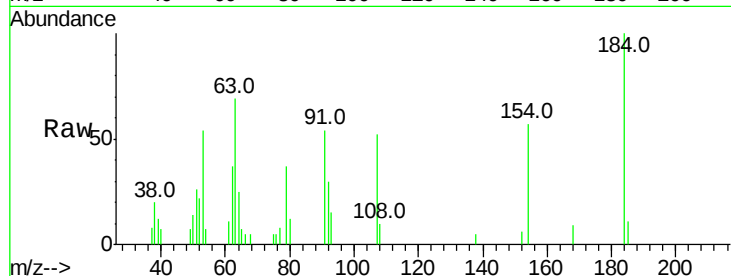




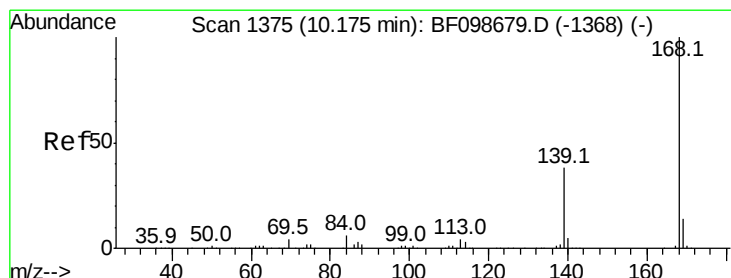
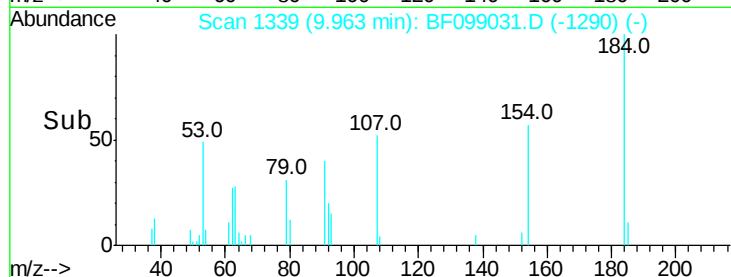
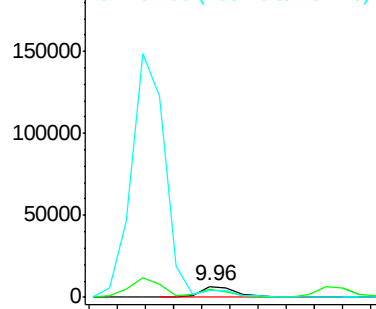
#53
2,4-Dinitrophenol
Concen: 8.828 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 6089
Ion Ratio Lower Upper
184 100
63 68.9 54.2 81.2
154 56.6 53.5 80.3

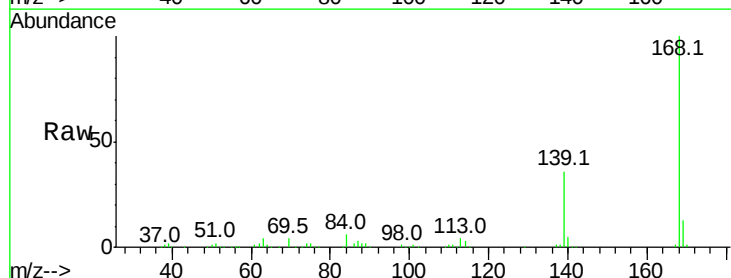


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

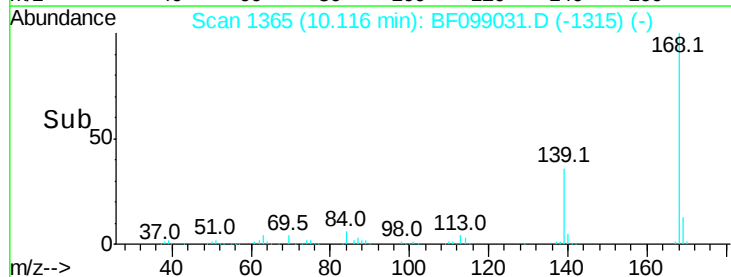
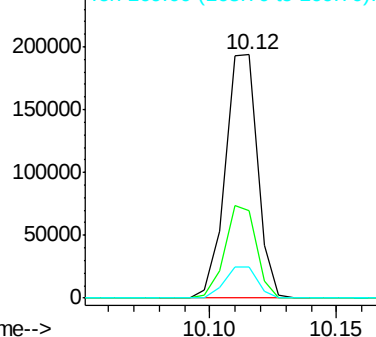


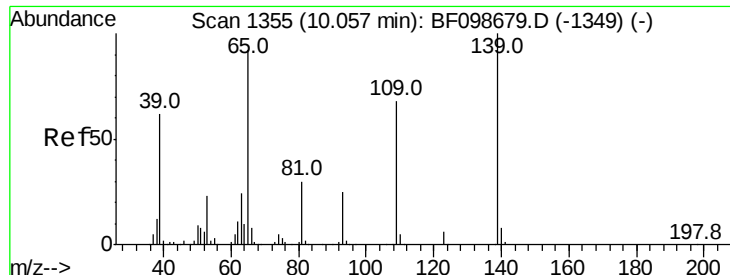
#54
Dibenzofuran
Concen: 9.460 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion:168 Resp: 173378
Ion Ratio Lower Upper
168 100
139 35.9 30.1 45.1
169 12.8 10.9 16.3



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

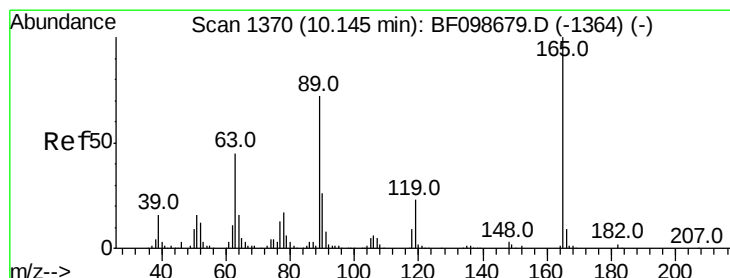
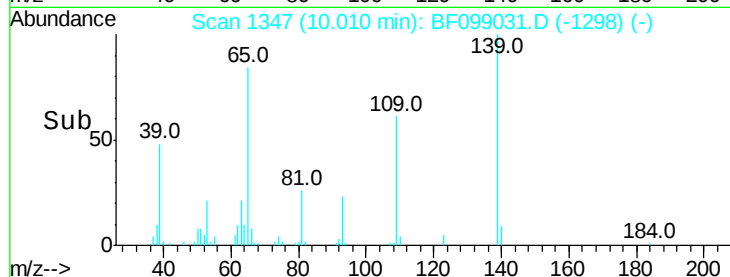
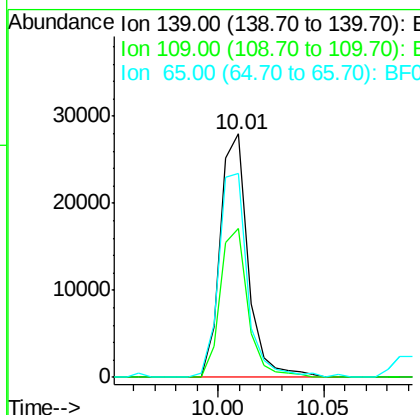
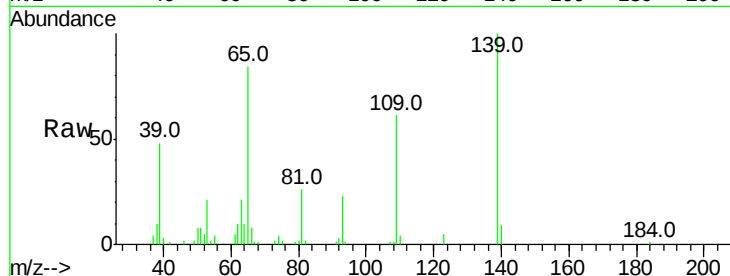




#55
4-Nitrophenol
Concen: 7.177 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

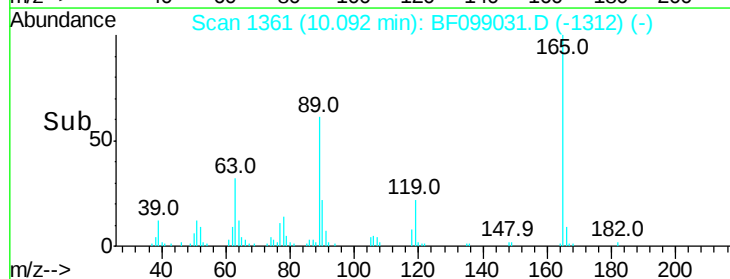
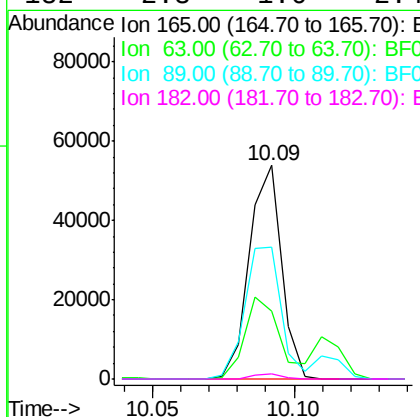
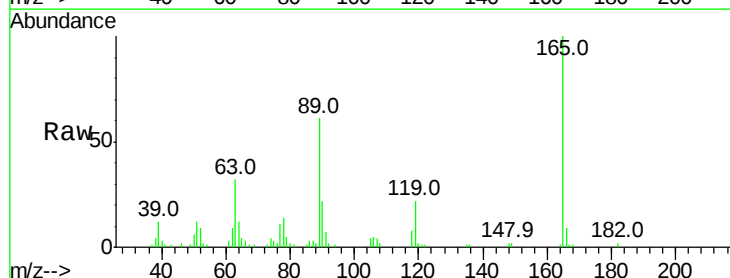
Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 25577
Ion Ratio Lower Upper
139 100
109 61.3 48.4 88.4
65 83.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 9.107 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion:165 Resp: 42724
Ion Ratio Lower Upper
165 100
63 31.7 36.4 54.6#
89 61.5 57.8 86.6
182 2.3 1.6 2.4

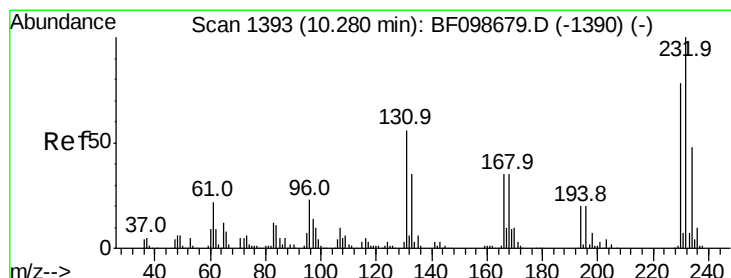
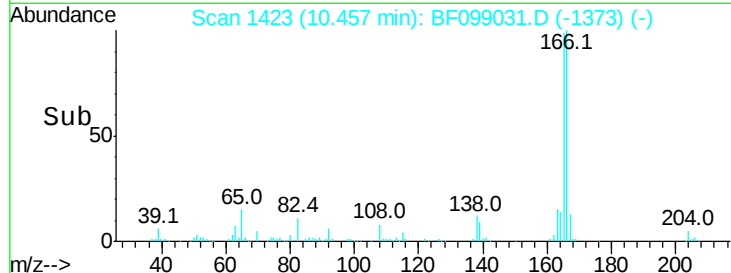
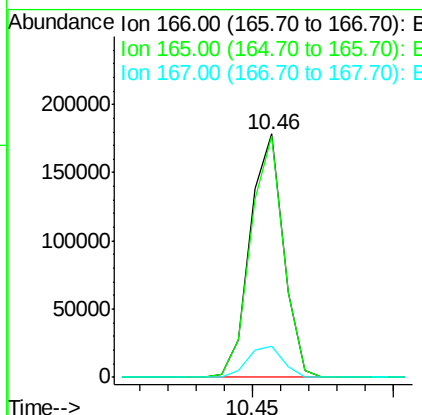
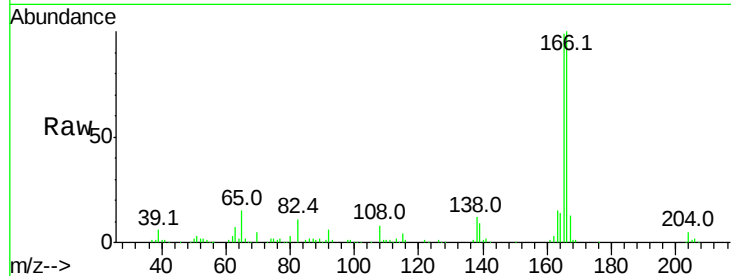




#57
 Fluorene
 Concen: 9.934 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

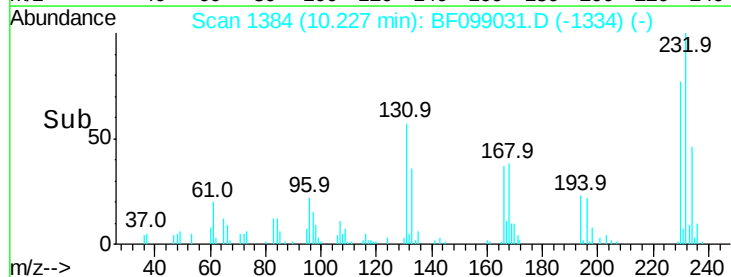
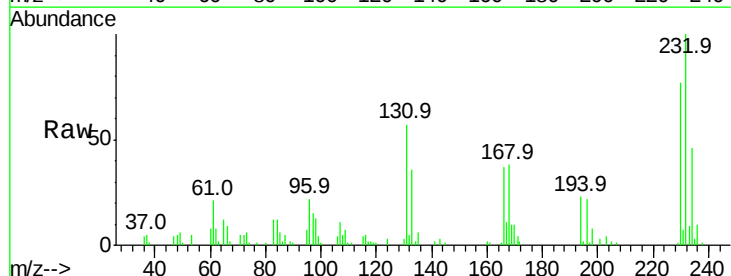
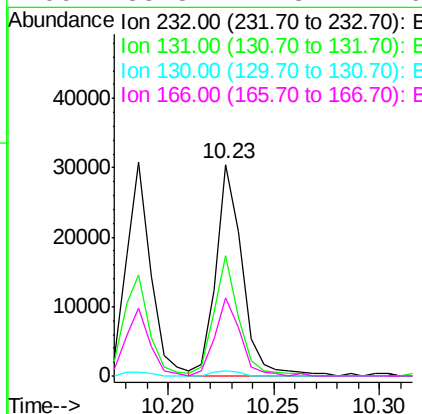
Instrument :
 BNA_F
 ClientSampled :

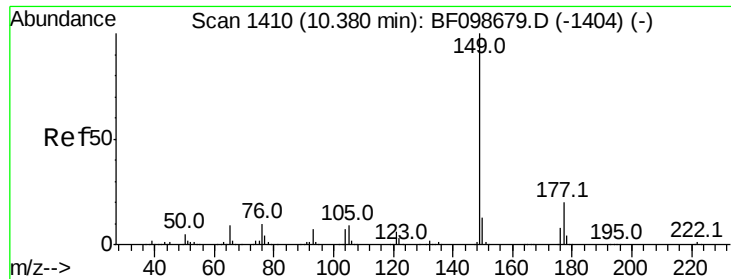
Tot Ion:166 Resp: 146346
 Ion Ratio Lower Upper
 166 100
 165 99.0 79.8 119.8
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 8.303 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Tgt Ion:232 Resp: 26612
 Ion Ratio Lower Upper
 232 100
 131 54.0 43.8 65.8
 130 2.4 2.1 3.1
 166 35.8 27.8 41.6

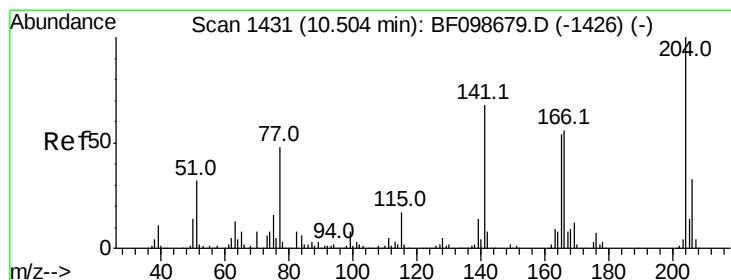
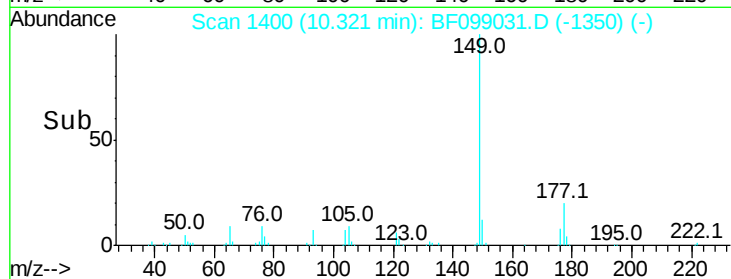
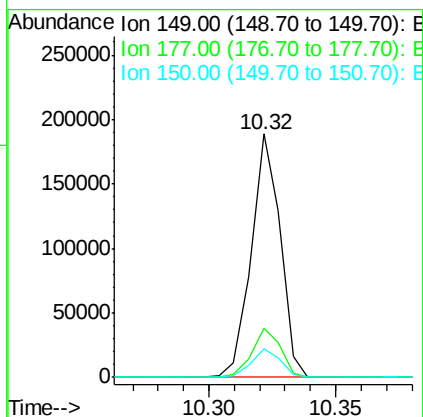
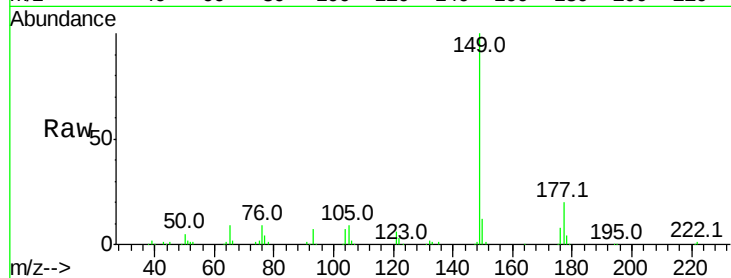




#59
Diethylphthalate
Concen: 9.258 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

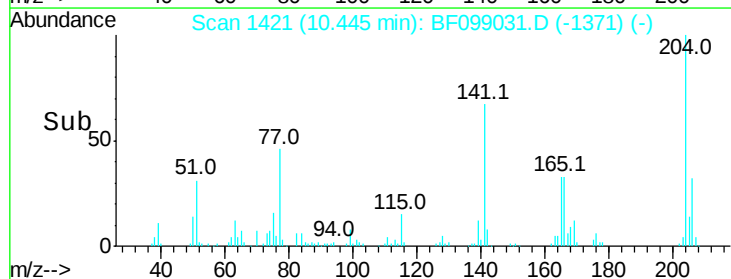
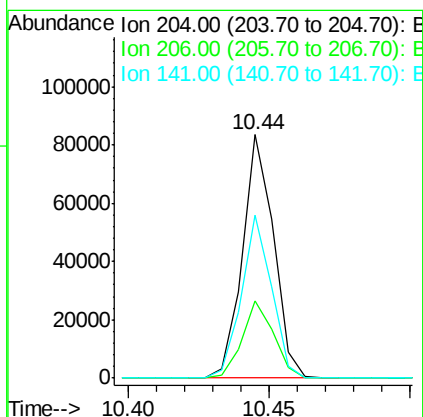
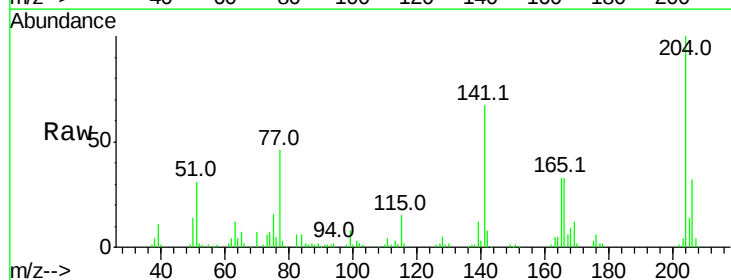
Instrument :
BNA_F
ClientSampled :

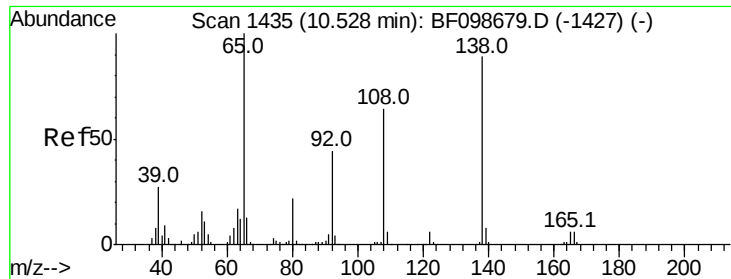
Tot Ion:149 Resp: 150196
Ion Ratio Lower Upper
149 100
177 20.2 16.1 24.1
150 11.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 9.616 ng
RT: 10.44 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion:204 Resp: 63630
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 66.7 54.6 81.8

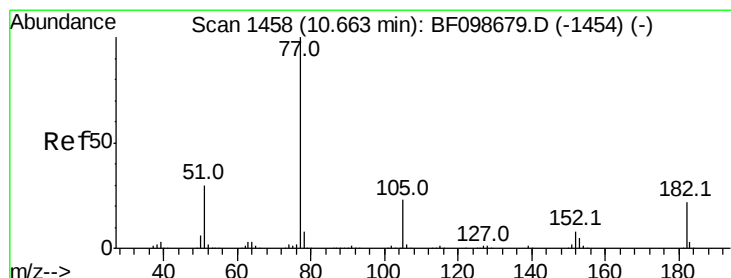
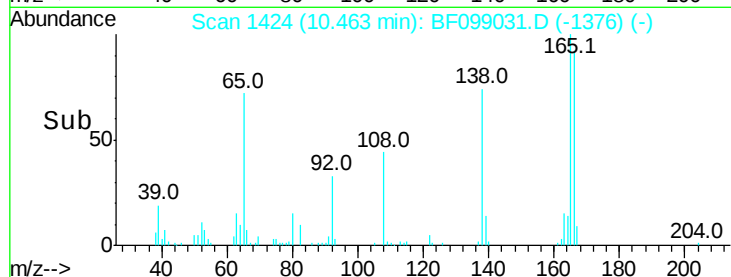
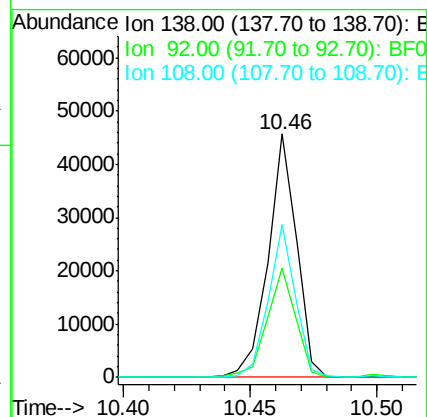
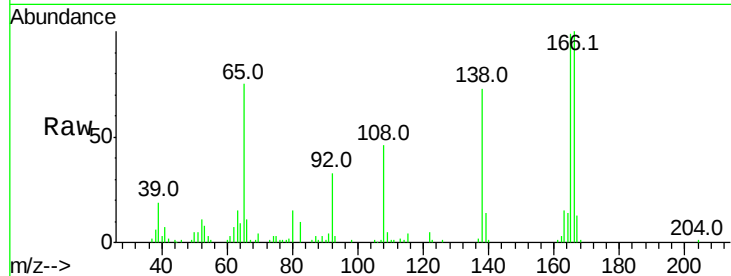




#61
4-Nitroaniline
Concen: 8.850 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

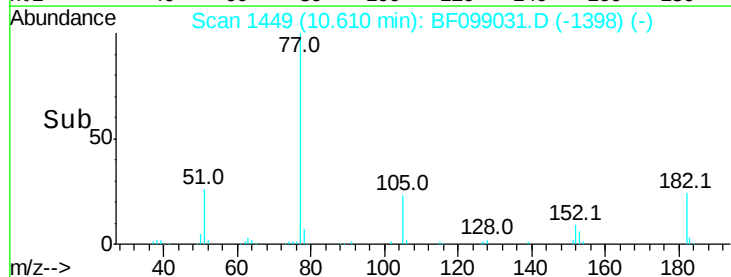
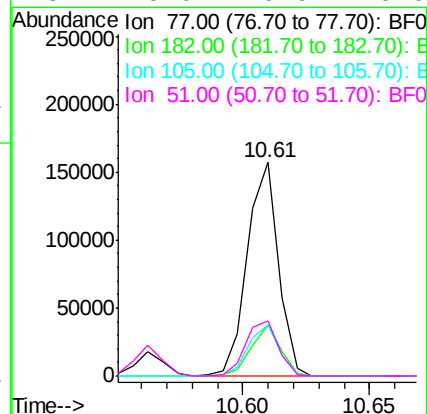
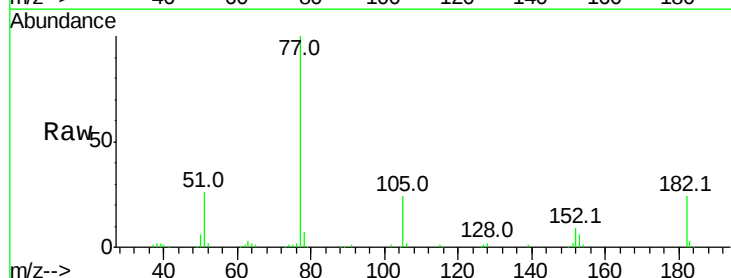
Instrument :
BNA_F
ClientSampleId :

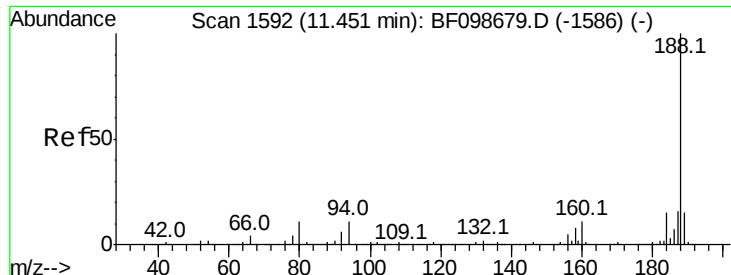
Tot Ion:138 Resp: 35988
Ion Ratio Lower Upper
138 100
92 44.8 30.2 70.2
108 62.6 52.5 92.5



#62
Azobenzene
Concen: 8.976 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion: 77 Resp: 133896
Ion Ratio Lower Upper
77 100
182 24.2 1.7 41.7
105 24.1 3.0 43.0
51 26.0 9.9 49.9

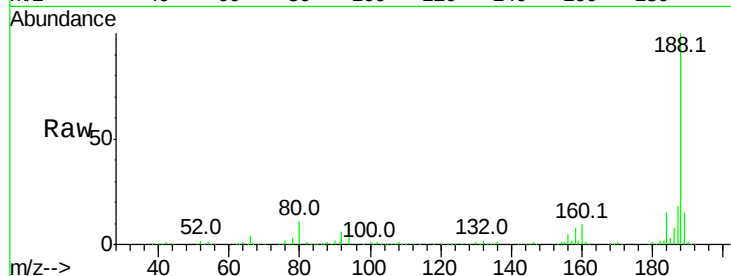




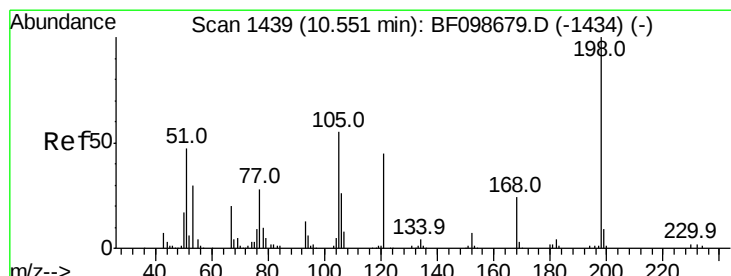
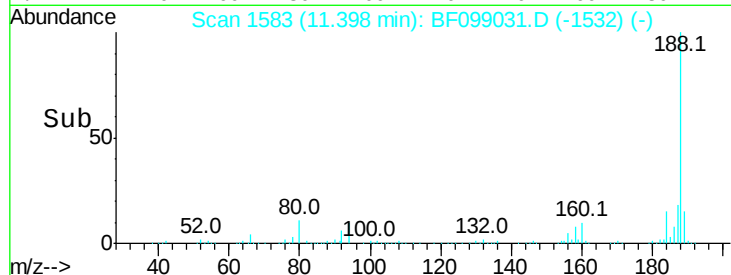
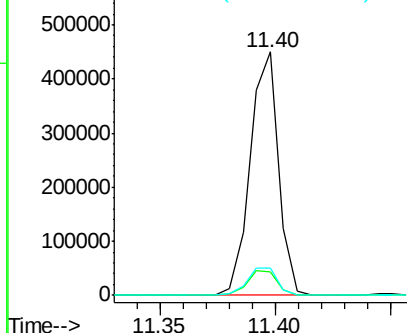
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.1	9.2	13.8

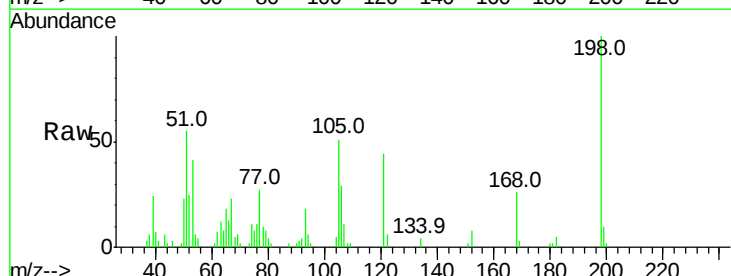


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

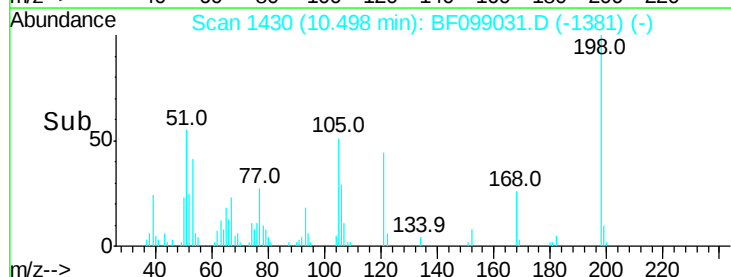
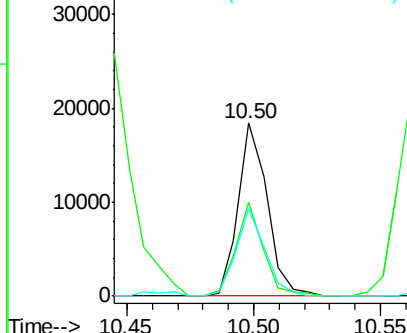


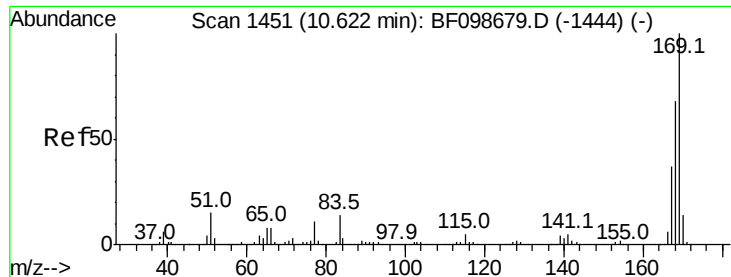
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.262 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Tgt Ion	Ratio	Lower	Upper
198	100		
51	54.6	37.7	77.7
105	50.8	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

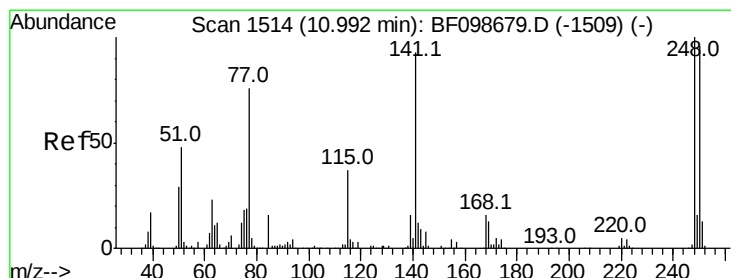
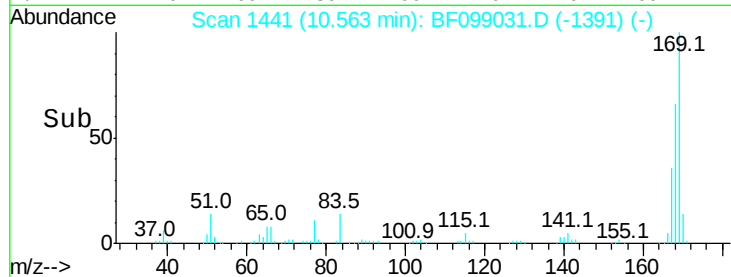
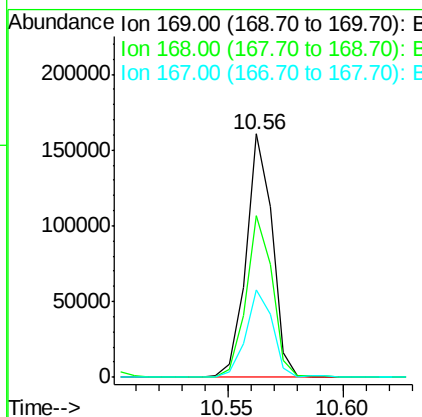
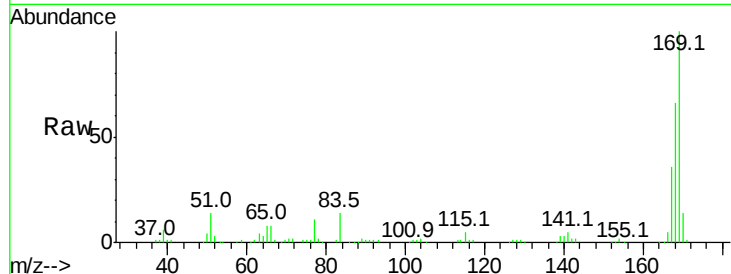




#65
 n-Nitrosodiphenylamine
 Concen: 9.493 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

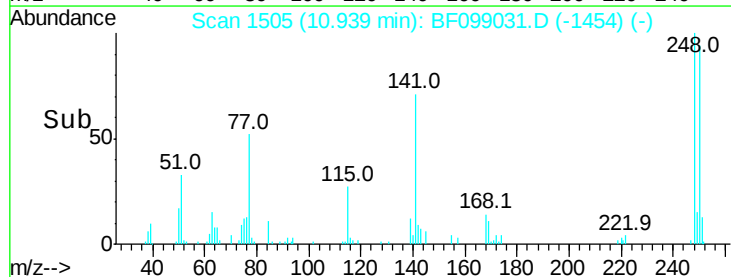
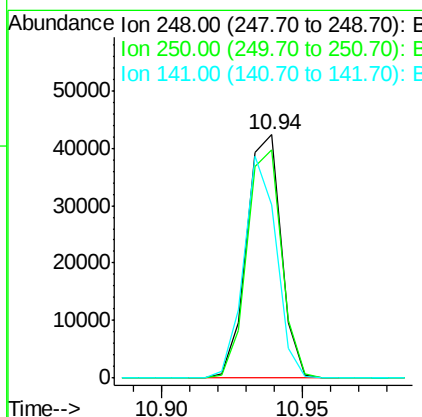
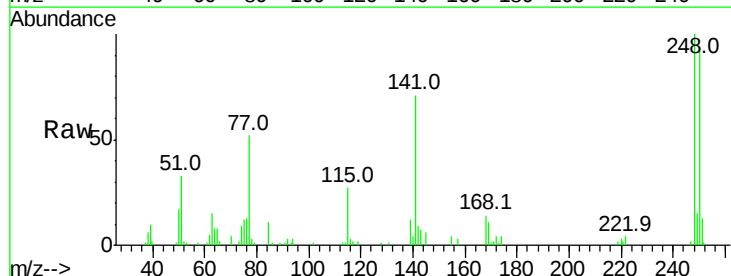
Instrument :
 BNA_F
 ClientSampleId :

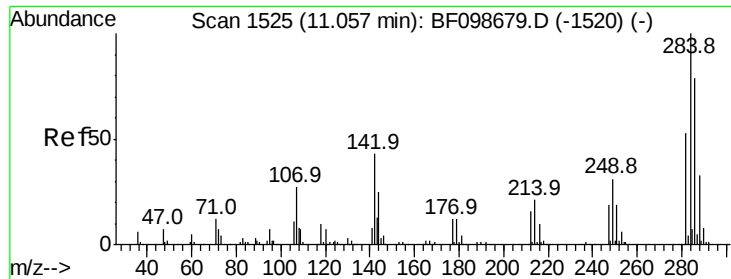
Tot Ion:169 Resp: 127046
 Ion Ratio Lower Upper
 169 100
 168 66.2 54.4 81.6
 167 36.1 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 9.532 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Tgt Ion:248 Resp: 36046
 Ion Ratio Lower Upper
 248 100
 250 93.6 76.9 115.3
 141 71.0 74.4 111.6#

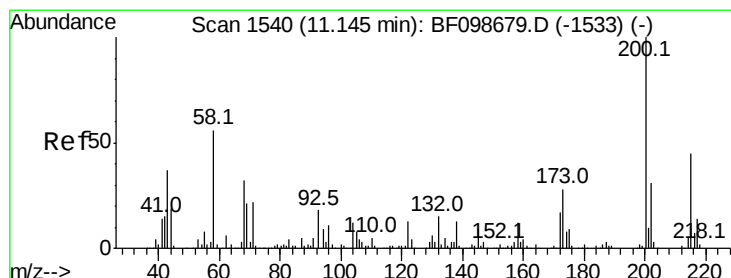
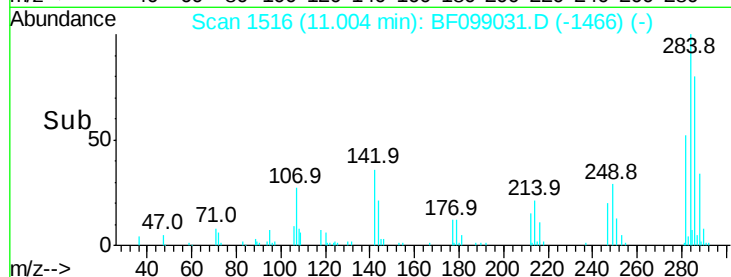
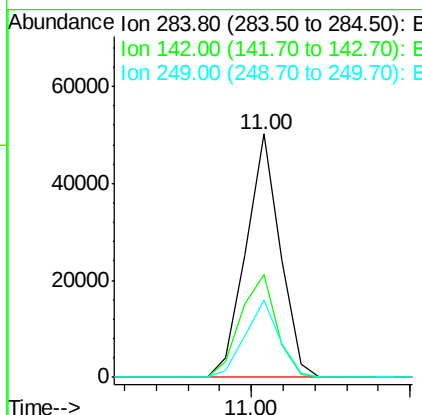
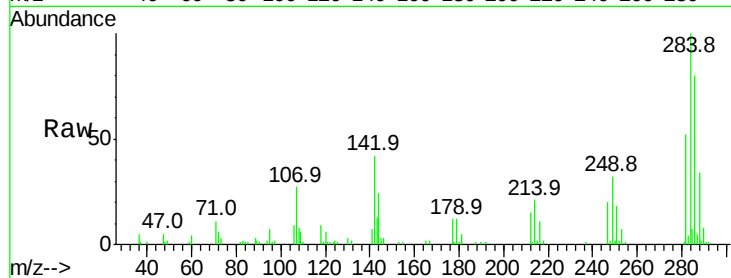




#67
Hexachlorobenzene
Concen: 9.306 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

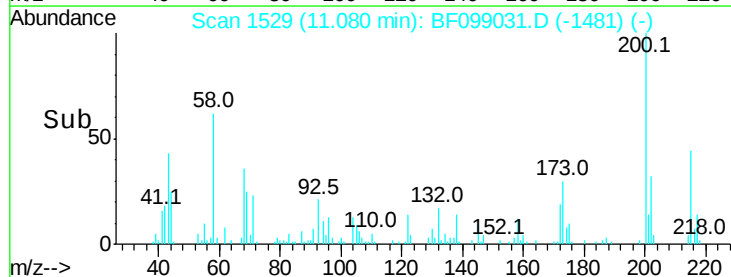
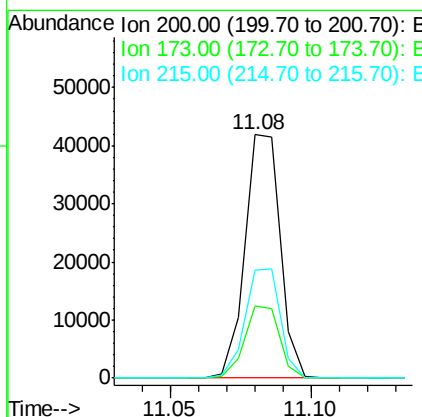
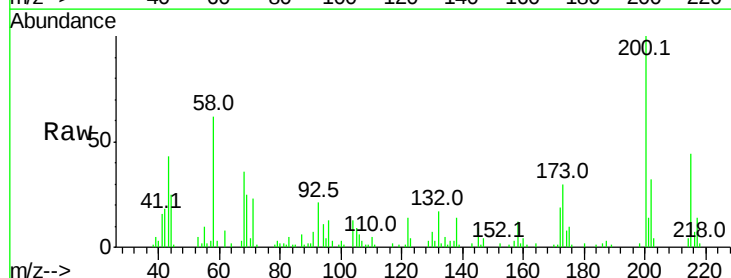
Instrument :
BNA_F
ClientSampleId :

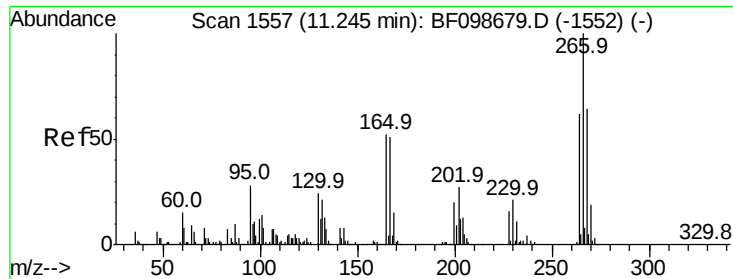
Tot Ion:284 Resp: 37583
Ion Ratio Lower Upper
284 100
142 42.0 34.6 52.0
249 31.8 24.8 37.2



#68
Atrazine
Concen: 9.022 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.02 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion:200 Resp: 36329
Ion Ratio Lower Upper
200 100
173 29.8 8.6 48.6
215 44.3 25.1 65.1

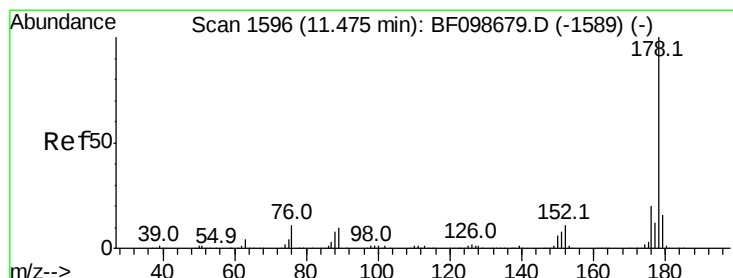
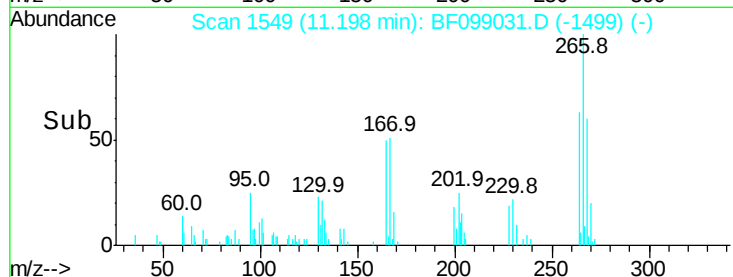
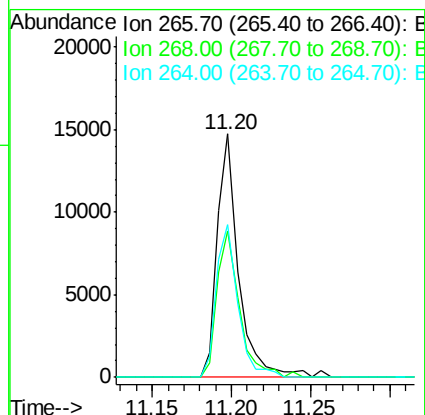
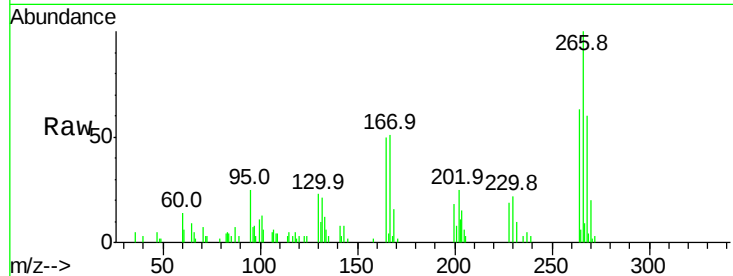




#69
 Pentachlorophenol
 Concen: 5.542 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

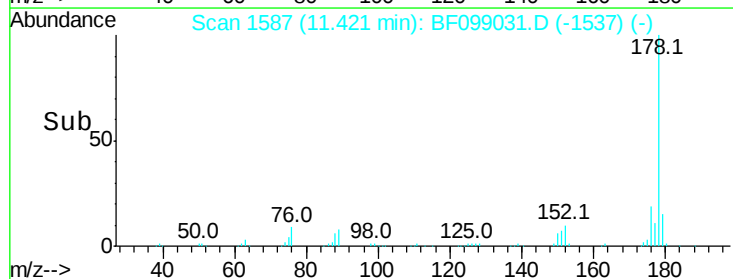
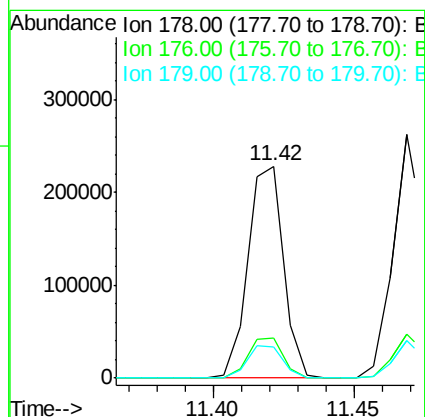
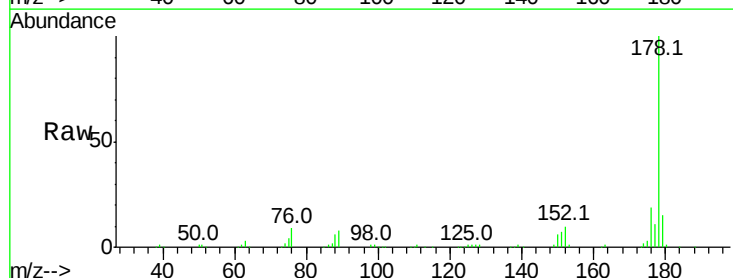
Instrument :
 BNA_F
 ClientSampleId :

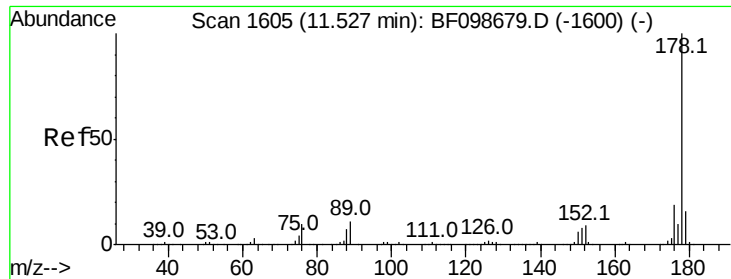
Tot Ion:266 Resp: 13931
 Ion Ratio Lower Upper
 266 100
 268 60.1 51.1 76.7
 264 62.8 49.5 74.3



#70
 Phenanthrene
 Concen: 9.623 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Tgt Ion:178 Resp: 198982
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 14.8 13.0 19.6

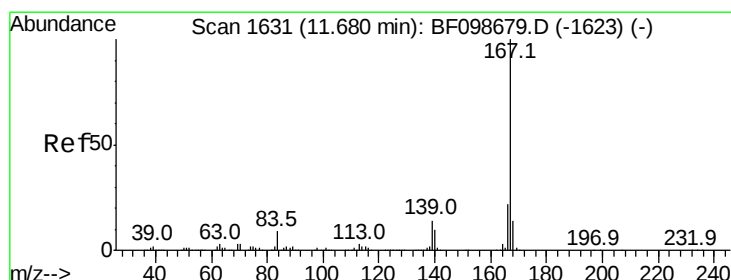
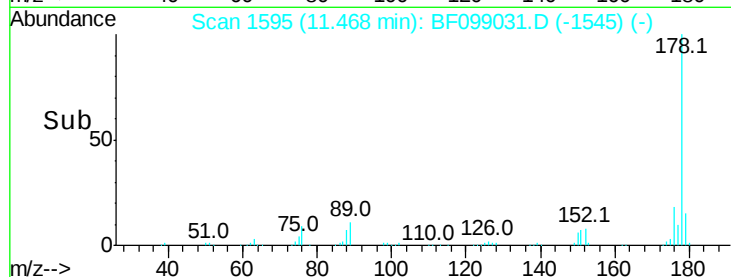
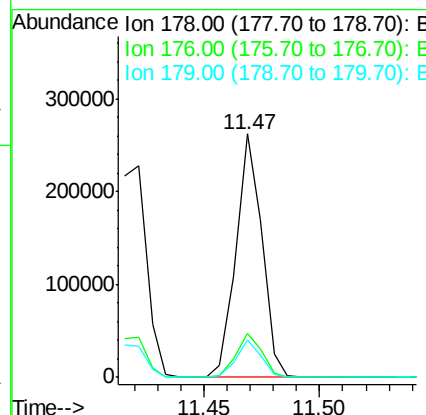
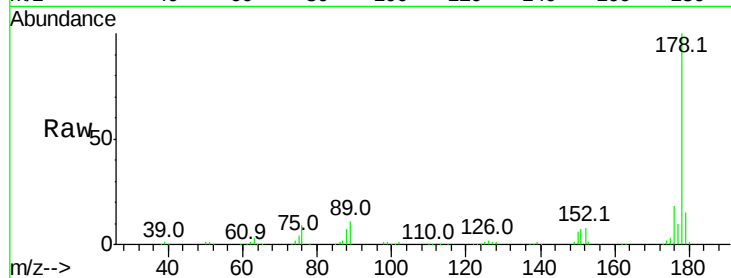




#71
 Anthracene
 Concen: 9.705 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

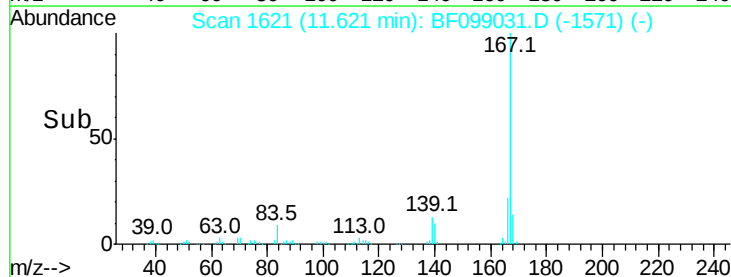
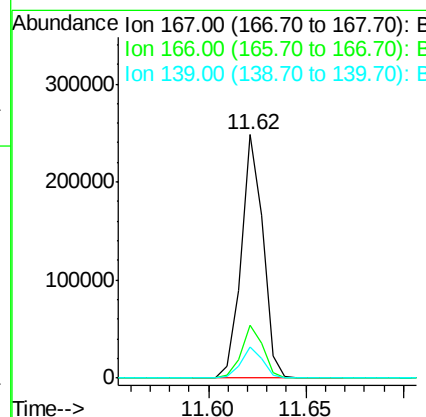
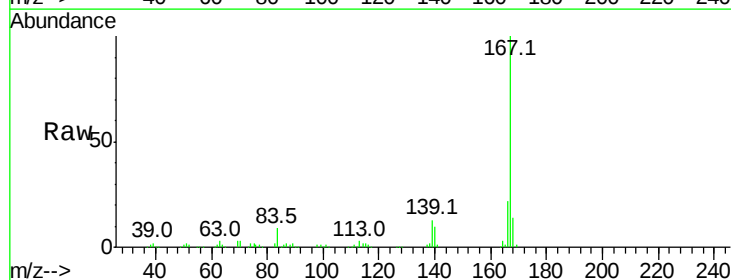
Instrument :
 BNA_F
 ClientSampleId :

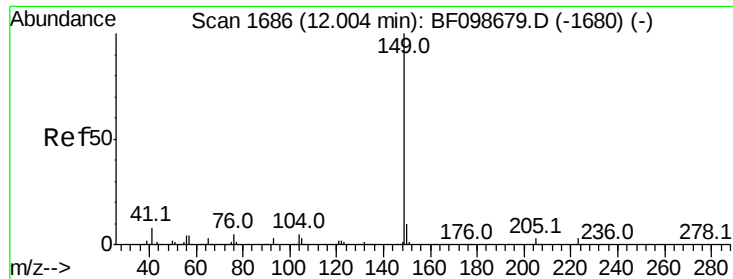
Tot Ion:178 Resp: 205337
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 9.204 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Tgt Ion:167 Resp: 190701
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 12.8 10.9 16.3

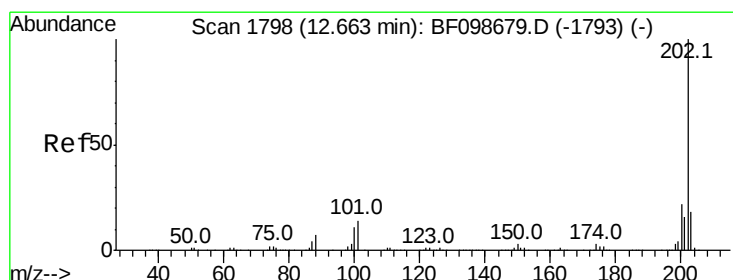
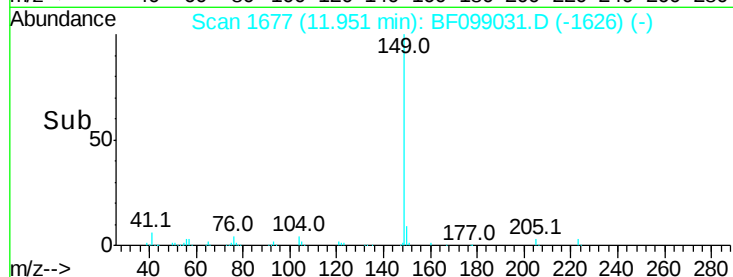
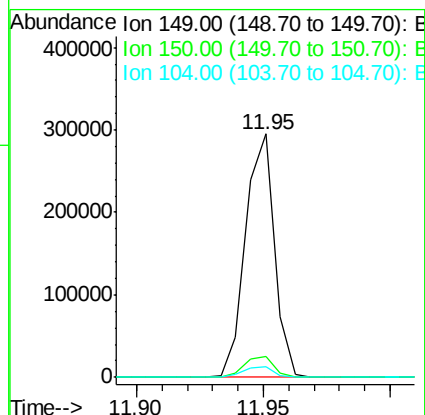
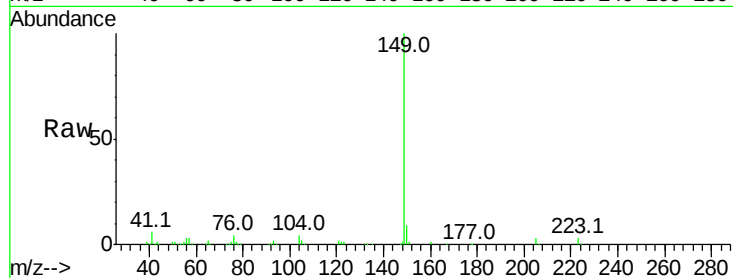




#73
Di-n-butylphthalate
Concen: 9.406 ng
RT: 11.95 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

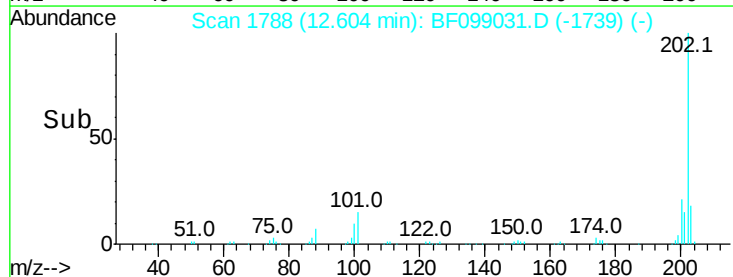
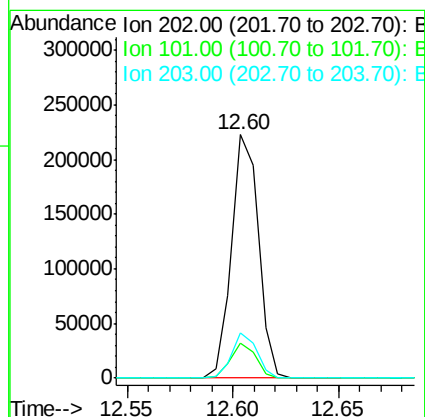
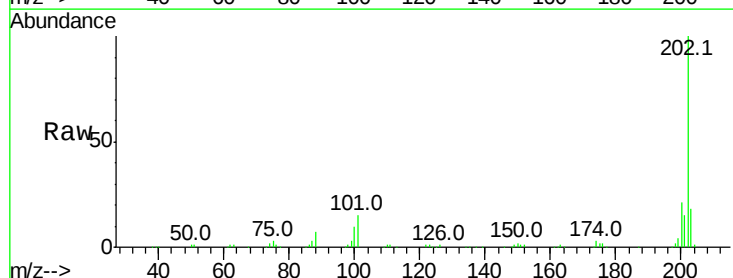
Instrument :
BNA_F
ClientSampleId :

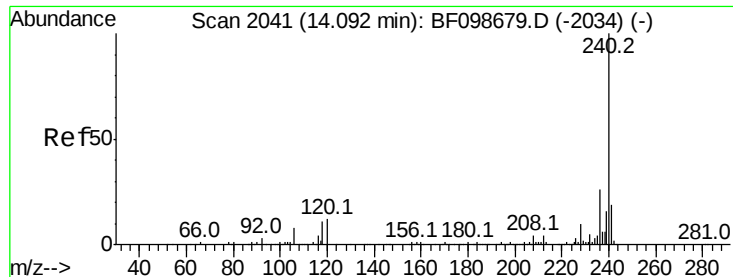
Tot Ion:149 Resp: 234582
Ion Ratio Lower Upper
149 100
150 8.7 7.8 11.6
104 4.3 3.8 5.8



#74
Fluoranthene
Concen: 9.304 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion:202 Resp: 194827
Ion Ratio Lower Upper
202 100
101 14.5 0.0 34.1
203 18.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

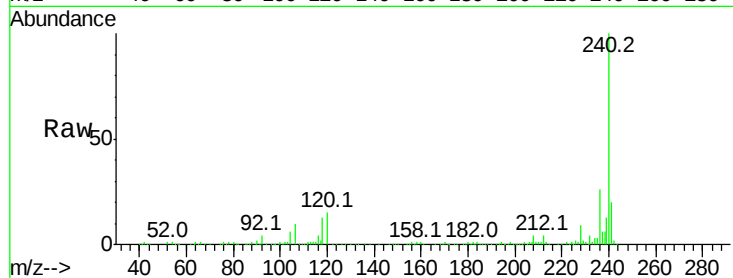
Tot Ion:240 Resp: 276433

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

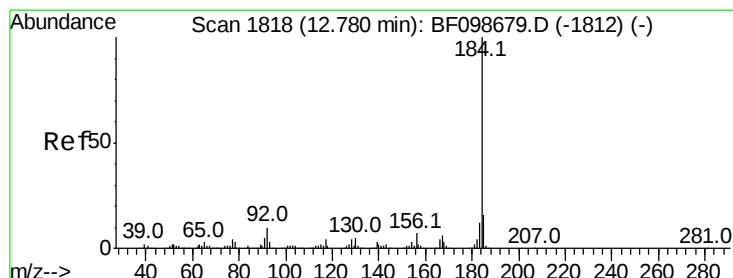
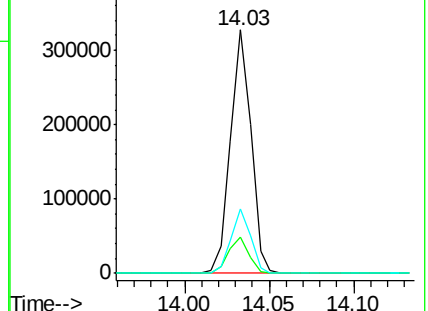
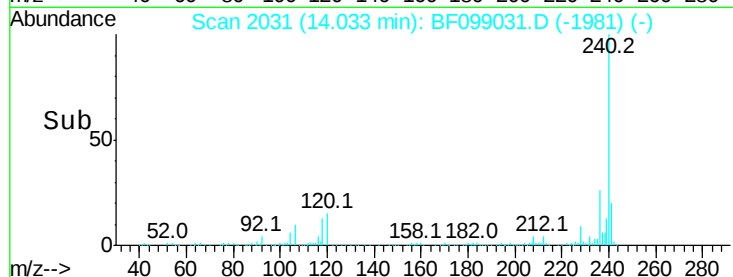
236 26.3 20.7 31.1



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: 6.284 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

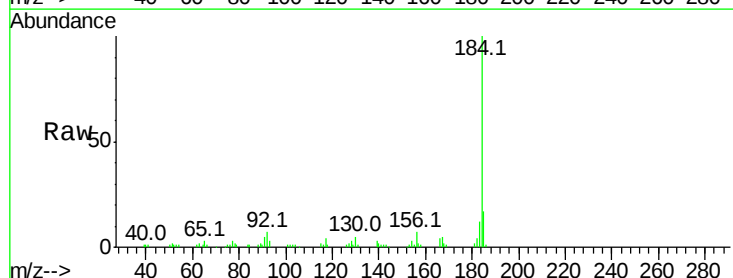
Tgt Ion:184 Resp: 64246

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

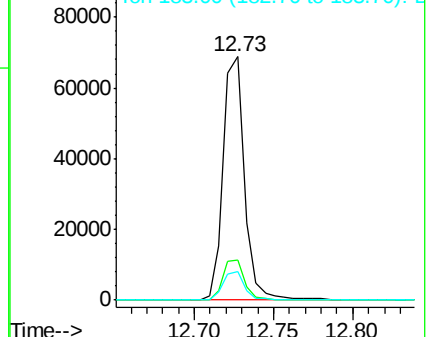
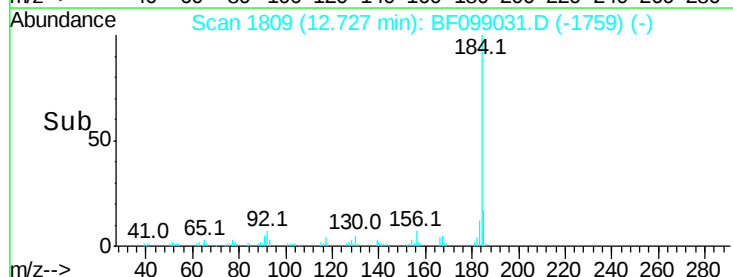
183 11.9 9.3 13.9



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: 9.513 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

Instrument :

BNA_F

ClientSampleId :

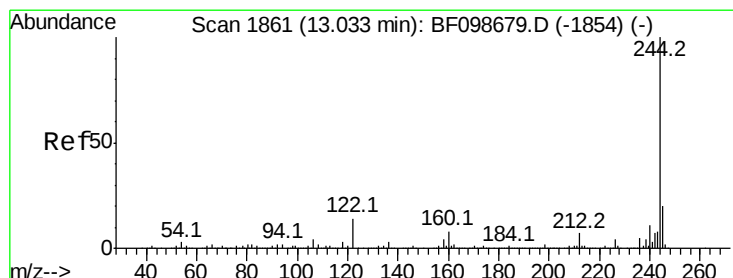
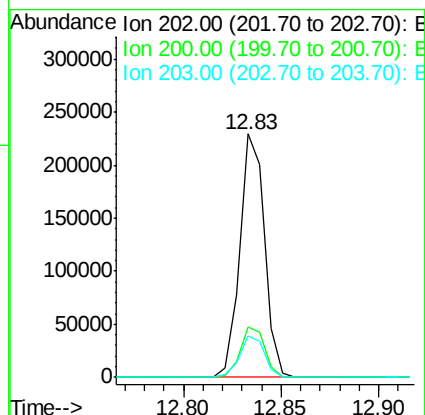
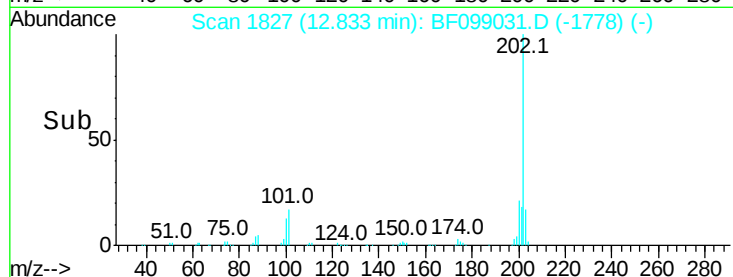
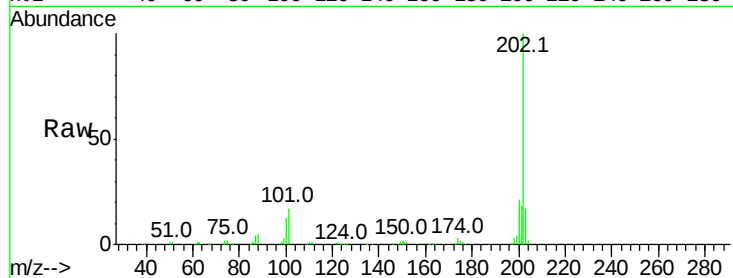
Tot Ion:202 Resp: 200535

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

203 17.0 14.3 21.5



#78

Terphenyl-d14

Concen: 82.785 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BF099031.D

Acq: 3 Oct 2017 15:04

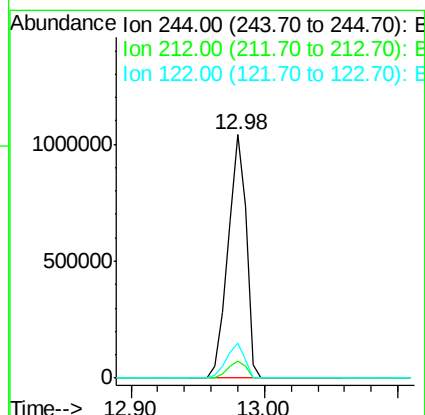
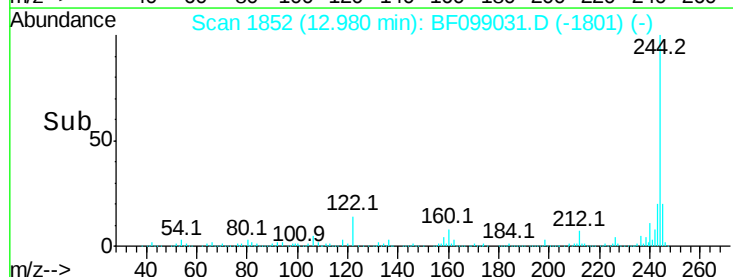
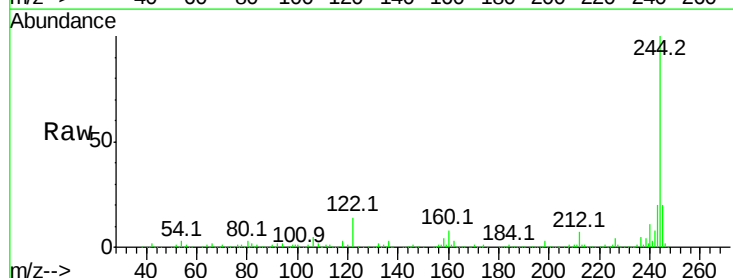
Tgt Ion:244 Resp: 1006266

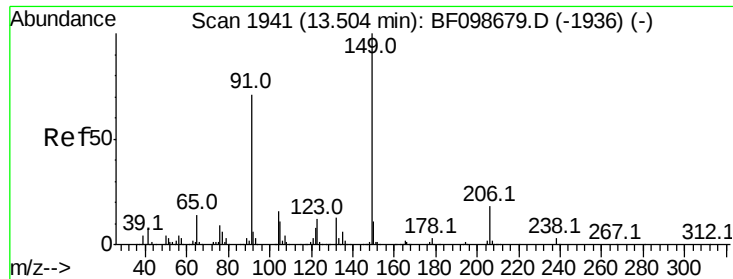
Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

122 14.3 11.0 16.4

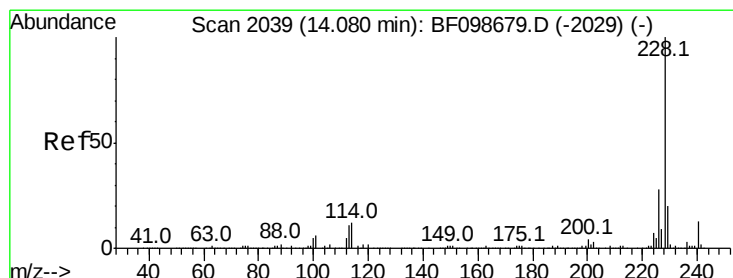
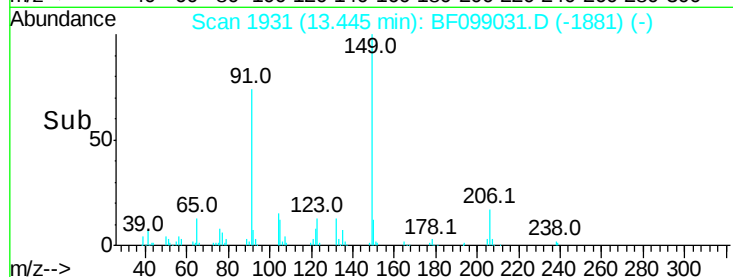
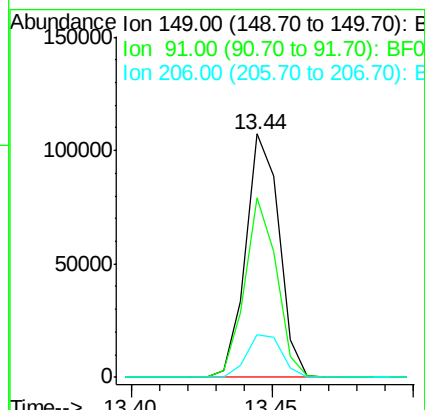
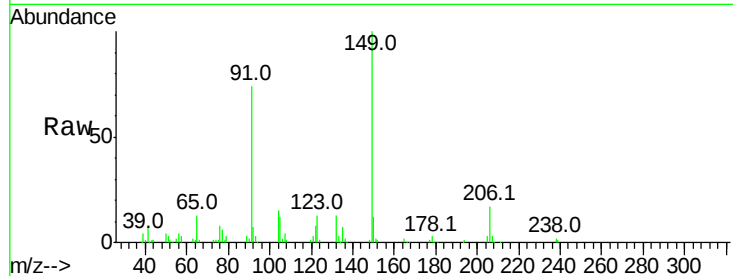




#79
Butylbenzylphthalate
Concen: 8.906 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

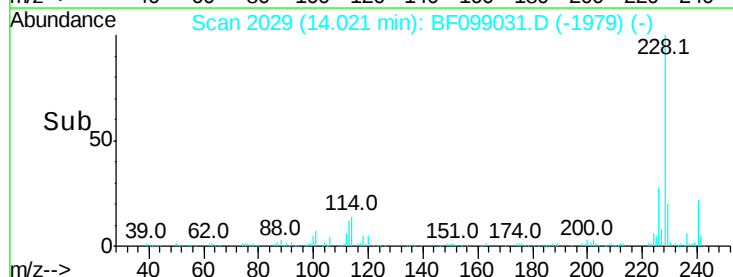
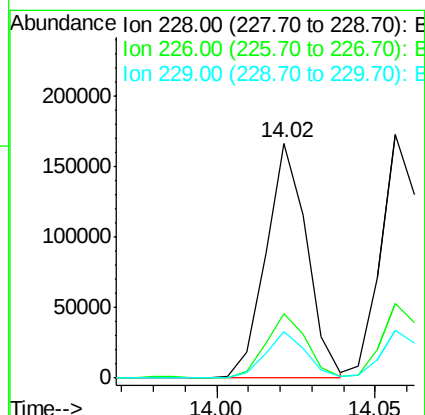
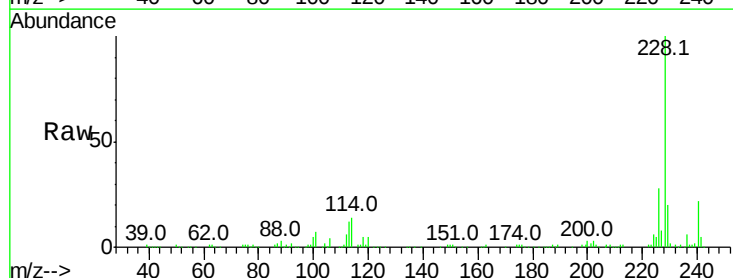
Instrument :
BNA_F
ClientSampled :

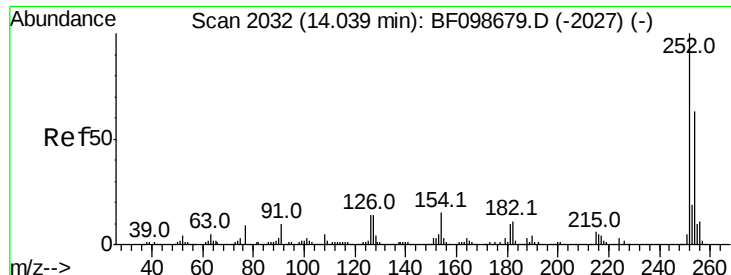
Tot Ion:149 Resp: 88226
Ion Ratio Lower Upper
149 100
91 73.8 56.8 85.2
206 17.3 14.1 21.1



#80
Benzo(a)anthracene
Concen: 8.923 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion:228 Resp: 149359
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 19.7 15.8 23.6

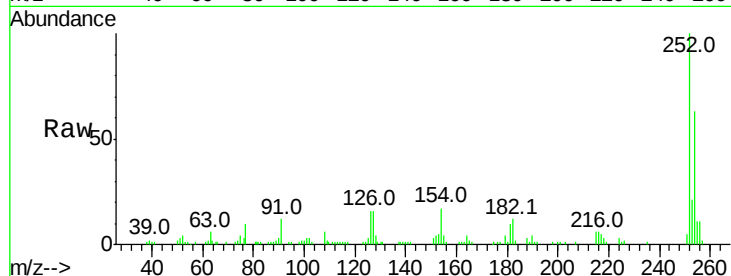




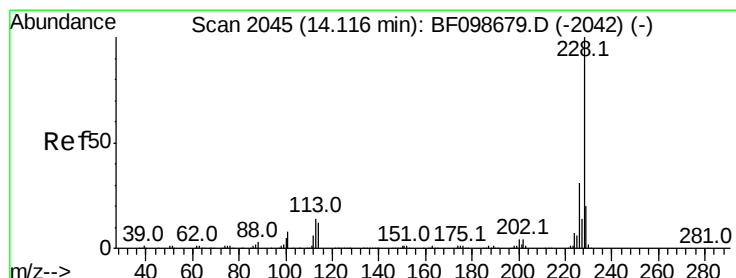
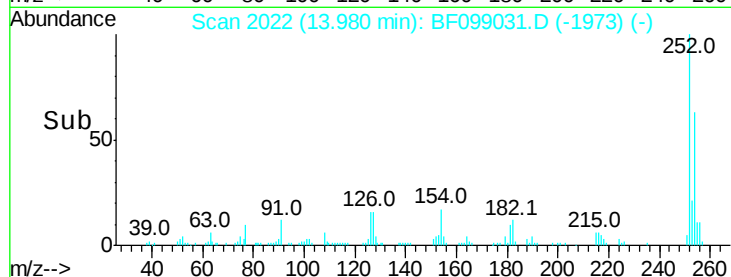
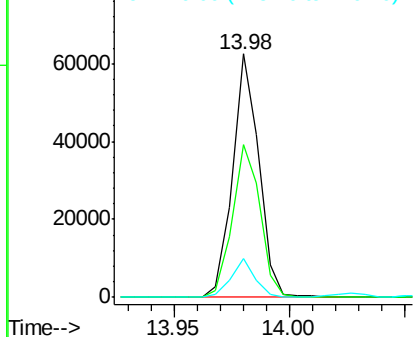
#81
 3,3'-Dichlorobenzidine
 Concen: 8.050 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.8	50.4	75.6
126	15.7	11.3	16.9

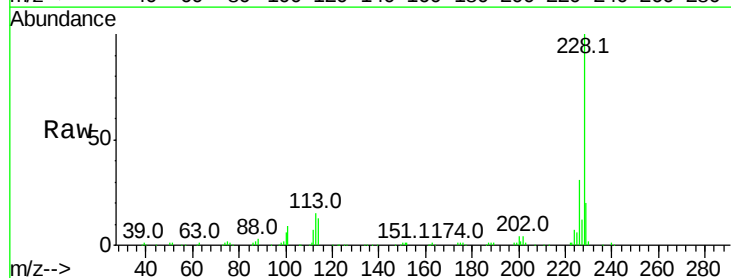


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

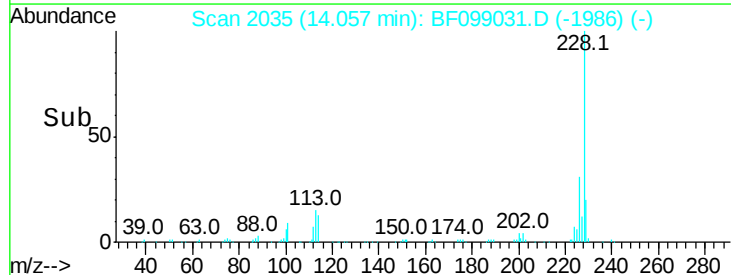
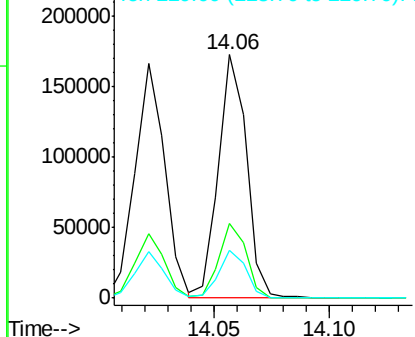


#82
 Chrysene
 Concen: 9.154 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.8	16.2	24.4



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

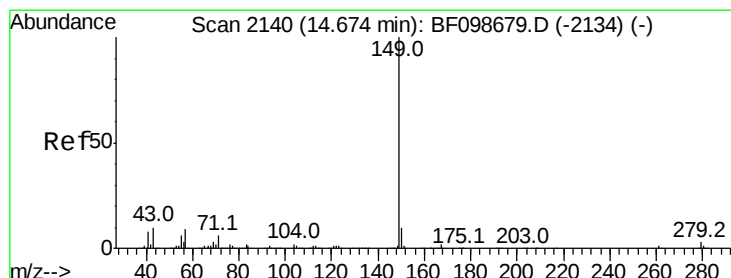
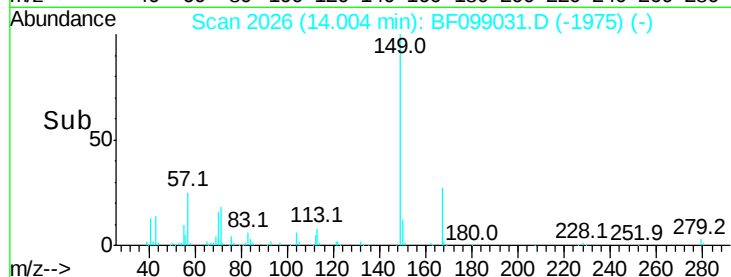
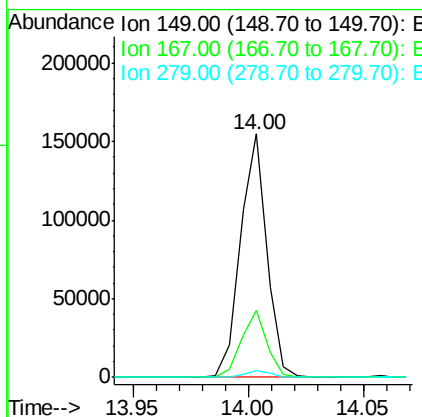
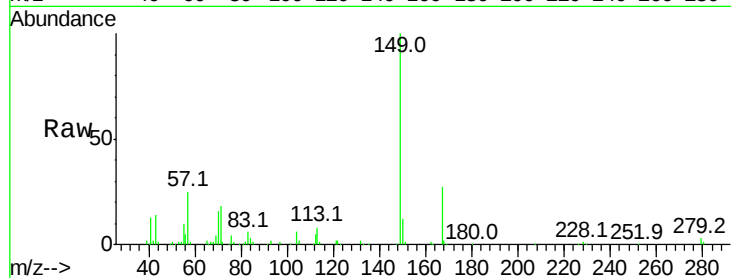




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.051 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

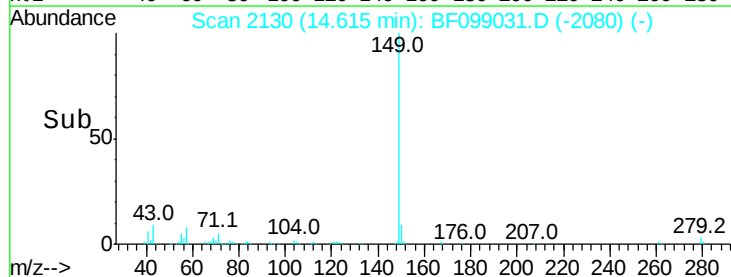
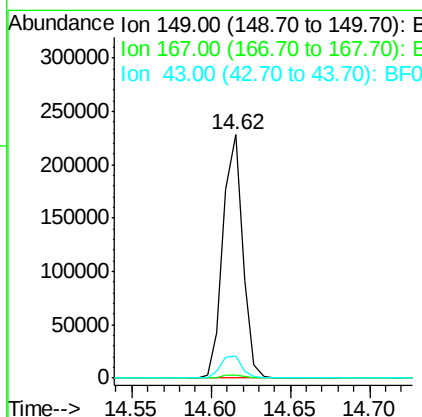
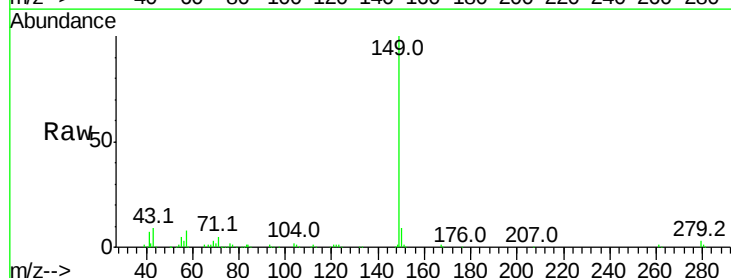
Instrument :
 BNA_F
 ClientSampleId :

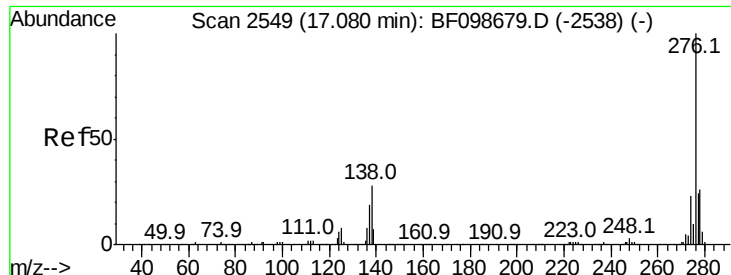
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	2.9	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 9.007 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	9.6	8.4	12.6

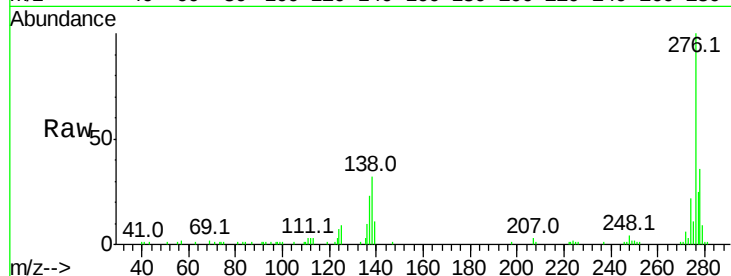




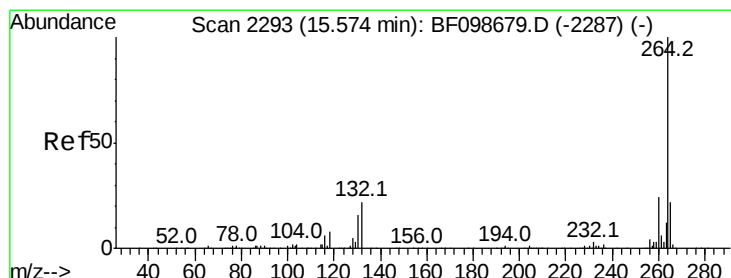
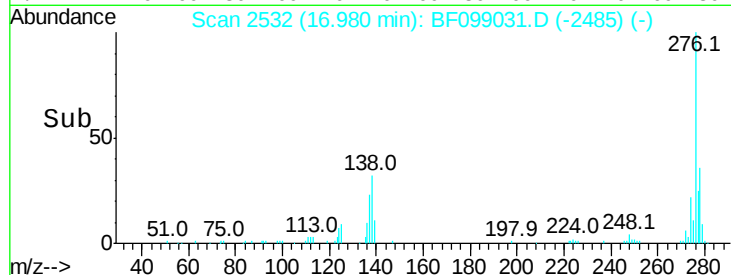
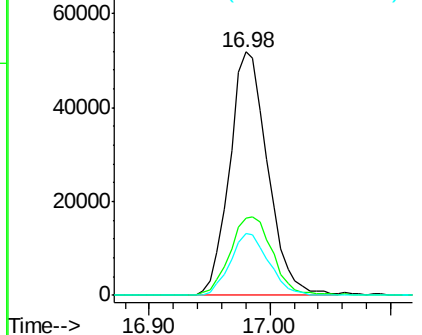
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.943 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.0	25.0	37.6
277	25.4	20.1	30.1

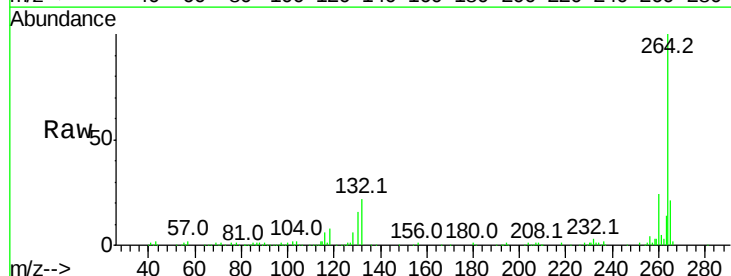


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

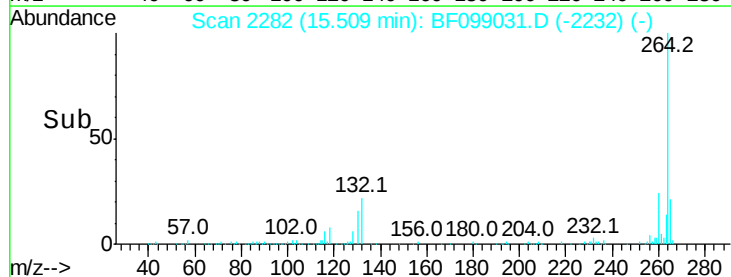
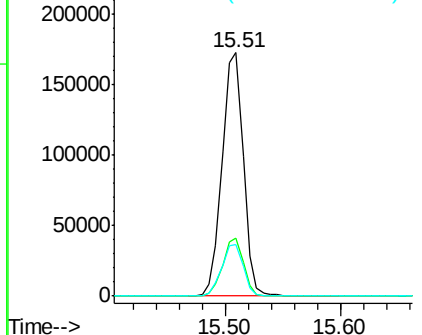


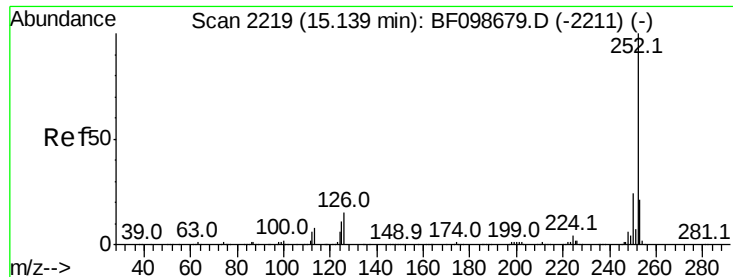
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

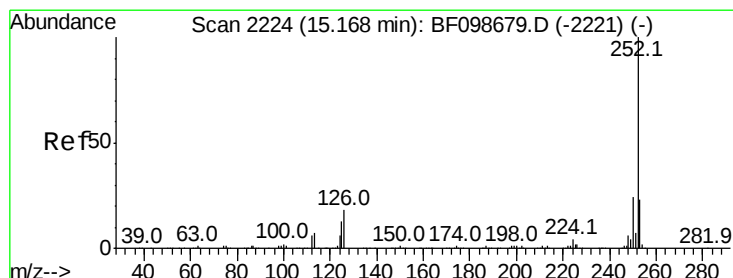
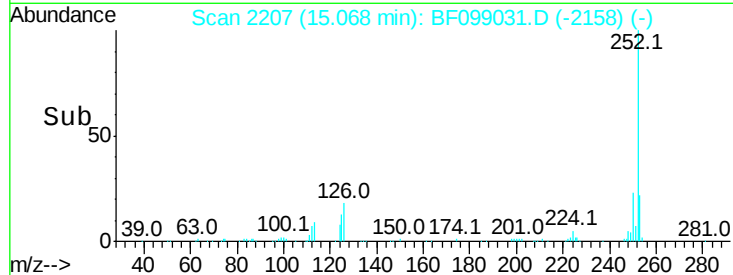
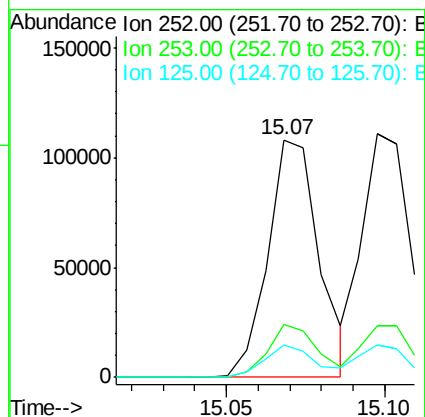
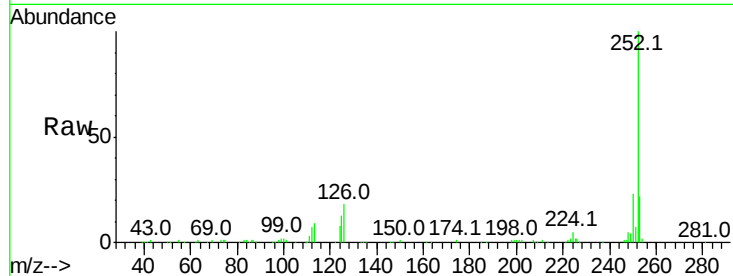




#87
Benzo(b)fluoranthene
Concen: 8.944 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

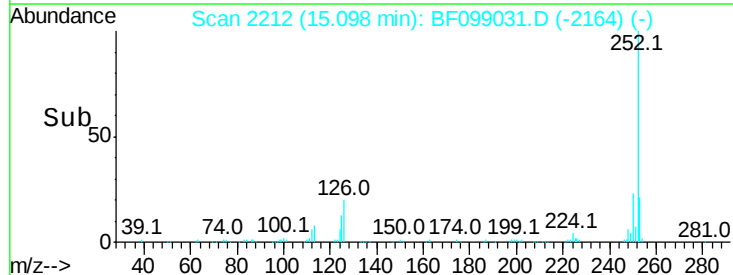
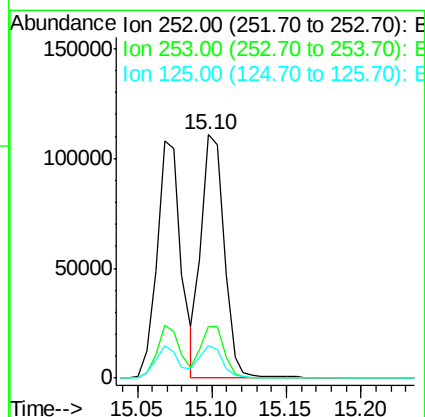
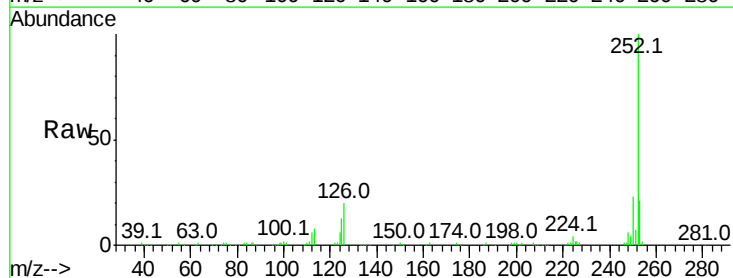
Instrument :
BNA_F
ClientSampleId :

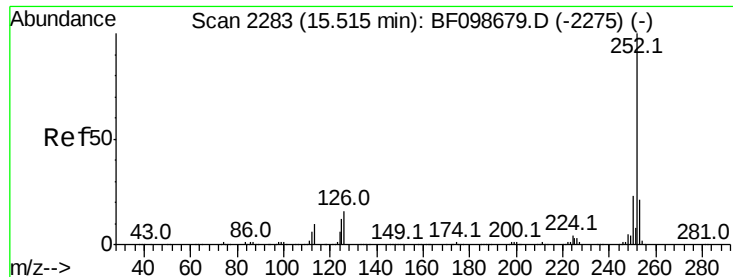
Tot Ion:252 Resp: 121933
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 13.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 8.813 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.02 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion:252 Resp: 118668
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 13.1 10.2 15.2

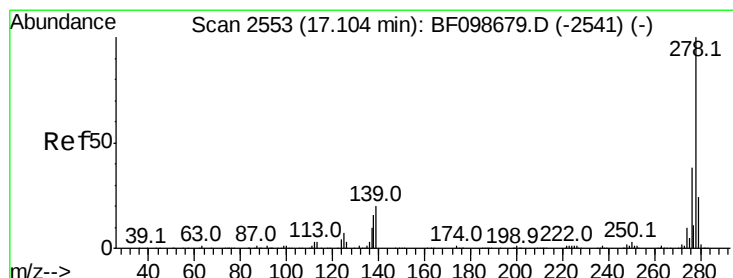
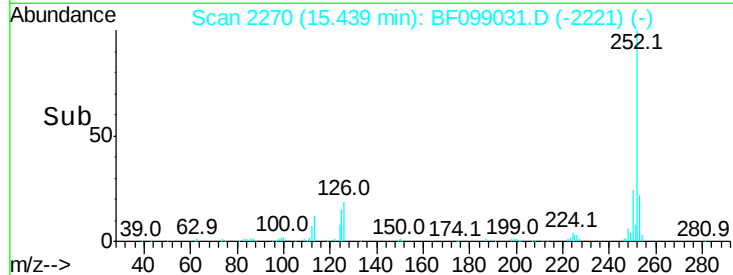
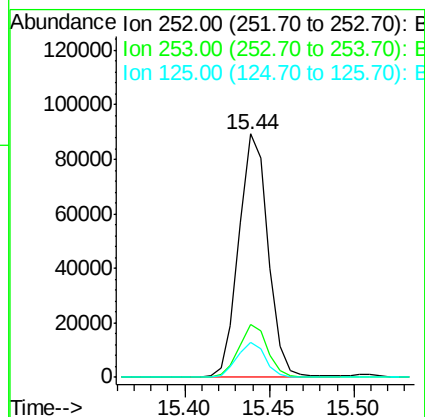
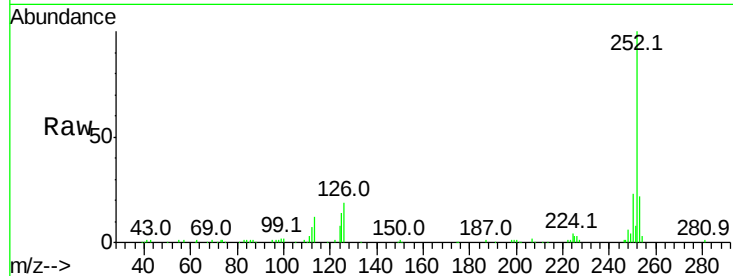




#89
Benzo(a)pyrene
Concen: 8.678 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

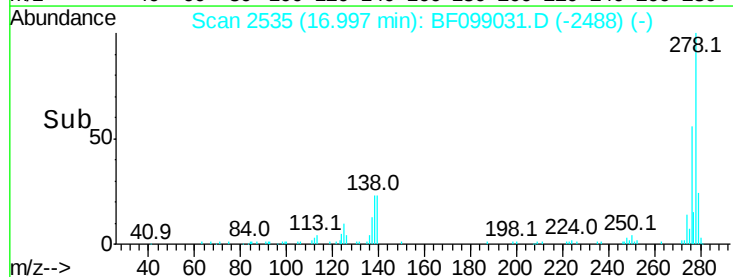
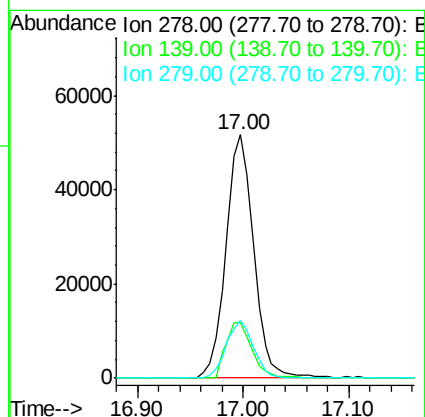
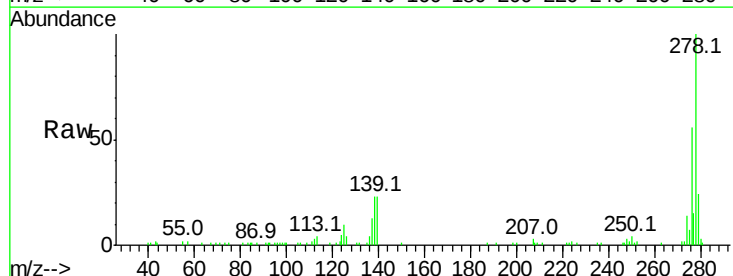
Instrument :
BNA_F
ClientSampled :

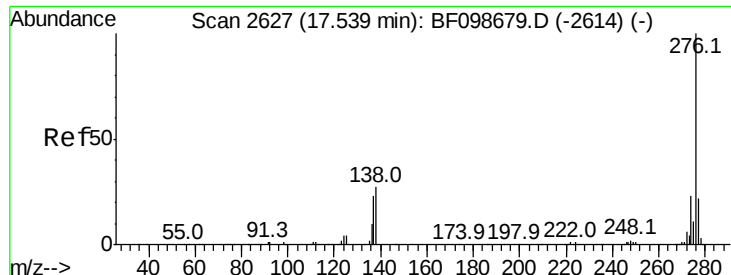
Tot Ion:252 Resp: 108594
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 14.5 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 9.384 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BF099031.D
Acq: 3 Oct 2017 15:04

Tgt Ion:278 Resp: 93981
Ion Ratio Lower Upper
278 100
139 22.8 15.9 23.9
279 24.1 19.0 28.4

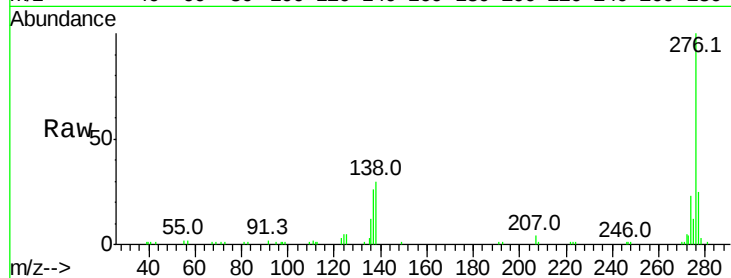




#91
 Benzo(a,h,i)perylene
 Concen: 9.537 ng
 RT: 17.43 min Scan# 2608
 Delta R.T. -0.03 min
 Lab File: BF099031.D
 Acq: 3 Oct 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.7	17.9	26.9
138	29.5	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

