

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099608.D
 Acq On : 18 Oct 2017 10:54
 Operator : SJ/JU
 Sample : PB103194BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 15:19:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	98685	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	414857	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	192371	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	352780	20.00	ng	0.00
75) Chrysene-d12	14.00	240	262292	20.00	ng	0.00
86) Perylene-d12	15.46	264	190288	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	774464	124.93	ng	0.02
7) Phenol-d6	6.48	99	929522	121.55	ng	0.00
23) Nitrobenzene-d5	7.40	82	556573	86.04	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	208139	132.23	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1083817	94.05	ng	0.00
78) Terphenyl-d14	12.93	244	977642	84.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	94461	31.899	ng	# 92
3) Pyridine	3.45	79	249685	31.168	ng	# 90
4) n-Nitrosodimethylamine	3.40	42	105075	30.932	ng	# 74
6) Aniline	6.50	93	230756	22.357	ng	# 74
8) 2-Chlorophenol	6.62	128	277089	39.470	ng	92
9) Benzaldehyde	6.38	77	77640	17.502	ng	92
10) Phenol	6.49	94	318582	37.249	ng	90
11) bis(2-Chloroethyl)ether	6.57	93	256106	38.518	ng	95
12) 1,3-Dichlorobenzene	6.77	146	293334	39.897	ng	97
13) 1,4-Dichlorobenzene	6.85	146	296241	39.602	ng	98
14) 1,2-Dichlorobenzene	7.00	146	273252	39.533	ng	97
15) Benzyl Alcohol	6.97	79	196313	34.992	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	327349	31.600	ng	49
17) 2-Methylphenol	7.09	107	222211	38.684	ng	# 94
18) Hexachloroethane	7.33	117	101118	37.608	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	168528	34.516	ng	93
20) 3+4-Methylphenols	7.25	107	282548	38.882	ng	# 84
22) Acetophenone	7.24	105	359610	35.778	ng	# 98
24) Nitrobenzene	7.42	77	262769	35.808	ng	90
25) Isophorone	7.65	82	490928	36.706	ng	98
26) 2-Nitrophenol	7.73	139	156701	44.406	ng	90
27) 2,4-Dimethylphenol	7.77	122	245666	36.864	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	320156	38.412	ng	99
29) 2,4-Dichlorophenol	7.97	162	236338	41.306	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	234886	41.045	ng	99
31) Naphthalene	8.13	128	777487	39.903	ng	100
32) Benzoic acid	7.91	122	122343	22.349	ng	89
33) 4-Chloroaniline	8.19	127	163984	20.154	ng	# 95
34) Hexachlorobutadiene	8.24	225	116260	39.443	ng	97
35) Caprolactam	8.57	113	40506	22.070	ng	# 83
36) 4-Chloro-3-methylphenol	8.67	107	245403	38.159	ng	97
37) 2-Methylnaphthalene	8.82	142	544221	42.966	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	219329	38.230	ng	99
40) Hexachlorocyclopentadiene	8.97	237	136454	52.046	ng	98

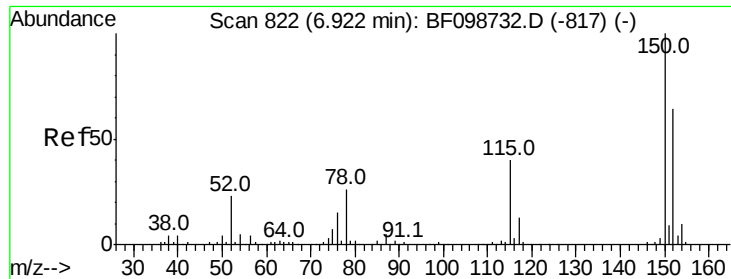
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099608.D
 Acq On : 18 Oct 2017 10:54
 Operator : SJ/JU
 Sample : PB103194BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 15:19:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	155553	38.273	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	160705	39.610	nq	97
45) 1,1'-Biphenyl	9.29	154	642734	38.876	nq	96
46) 2-Chloronaphthalene	9.31	162	499060	40.203	nq	98
47) 2-Nitroaniline	9.42	65	140549	36.977	nq	90
48) Acenaphthylene	9.73	152	751549	39.549	nq	100
49) Dimethylphthalate	9.59	163	583434	40.184	nq	99
50) 2,6-Dinitrotoluene	9.66	165	132590	41.947	nq #	85
51) Acenaphthene	9.90	154	447279	37.157	nq	99
52) 3-Nitroaniline	9.83	138	104405	28.328	nq	96
53) 2,4-Dinitrophenol	9.95	184	89415	56.203	nq #	84
54) Dibenzofuran	10.07	168	657630	41.032	nq	99
55) 4-Nitrophenol	10.01	139	184489	59.198	nq	86
56) 2,4-Dinitrotoluene	10.06	165	164130	40.009	nq #	97
57) Fluorene	10.42	166	532861	41.365	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	118863	42.411	nq	95
59) Diethylphthalate	10.29	149	550743	38.820	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	238245	41.172	nq	91
61) 4-Nitroaniline	10.45	138	151874	42.712	nq	86
62) Azobenzene	10.56	77	509706	39.074	nq	93
64) 4,6-Dinitro-2-methylphenol	10.48	198	73750	34.360	nq #	73
65) n-Nitrosodiphenylamine	10.53	169	482548	39.484	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	140752	40.761	nq	92
67) Hexachlorobenzene	10.96	284	142206	38.558	nq	93
68) Atrazine	11.05	200	147031	39.986	nq	97
69) Pentachlorophenol	11.16	266	125781	54.799	nq	99
70) Phenanthrene	11.38	178	770314	40.793	nq	99
71) Anthracene	11.43	178	798218	41.313	nq	99
72) Carbazole	11.59	167	750445	39.663	nq	99
73) Di-n-butylphthalate	11.90	149	885577	38.885	nq	99
74) Fluoranthene	12.57	202	808996	42.308	nq	98
76) Benzidine	12.69	184	266895	27.511	nq	99
77) Pyrene	12.80	202	837202	41.859	nq	99
79) Butylbenzylphthalate	13.40	149	382927	40.737	nq	90
80) Benzo(a)anthracene	13.99	228	656940	41.363	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	156657	26.906	nq	99
82) Chrysene	14.02	228	622614	41.176	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	490921	37.929	nq #	99
84) Di-n-octyl phthalate	14.56	149	729488	35.002	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.93	276	444523	36.750	nq	96
87) Benzo(b)fluoranthene	15.03	252	507791	43.402	nq	98
88) Benzo(k)fluoranthene	15.06	252	479946	41.533	nq	98
89) Benzo(a)pyrene	15.40	252	455596	42.423	nq	98
90) Dibenzo(a,h)anthracene	16.94	278	371127	43.181	nq	97
91) Benzo(g,h,i)perylene	17.37	276	392835	46.239	nq	97

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

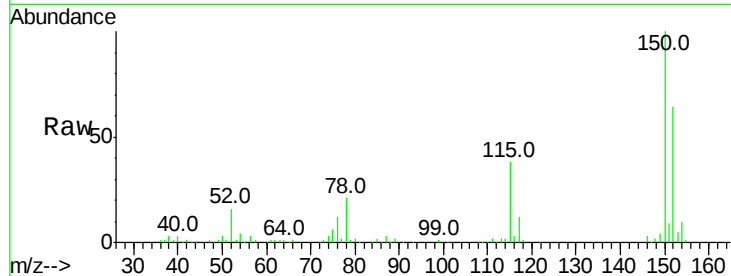


#1

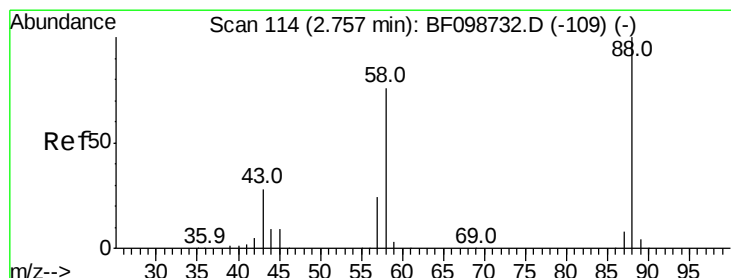
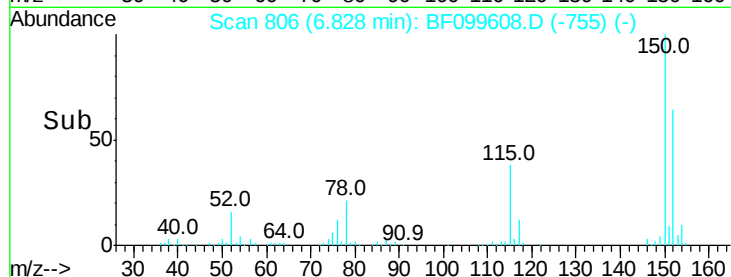
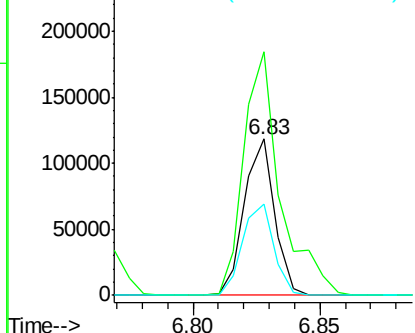
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98685
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 58.7 50.1 75.1



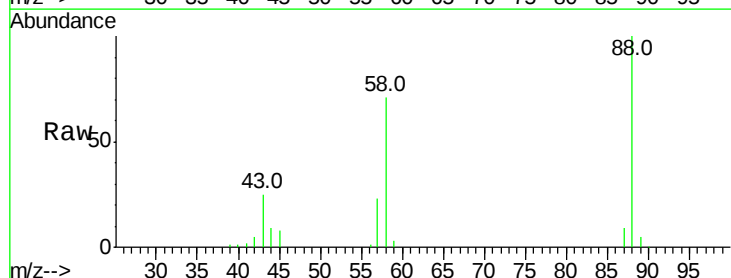
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



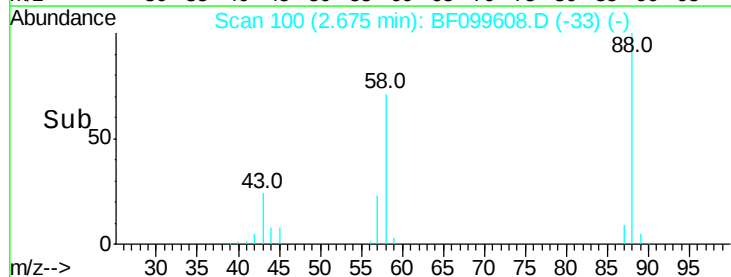
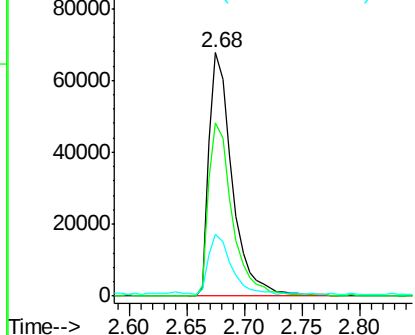
#2

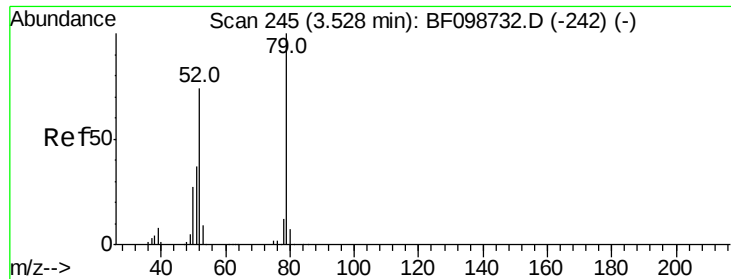
1,4-Dioxane
Concen: 31.899 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.09 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion: 88 Resp: 94461
Ion Ratio Lower Upper
88 100
58 73.1 62.6 93.8
43 24.0 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

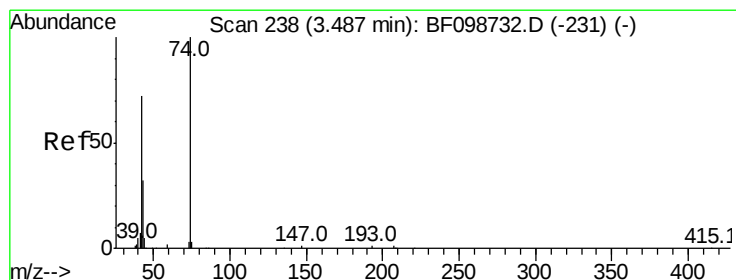
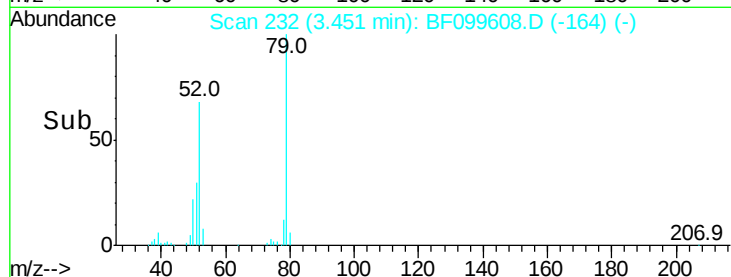
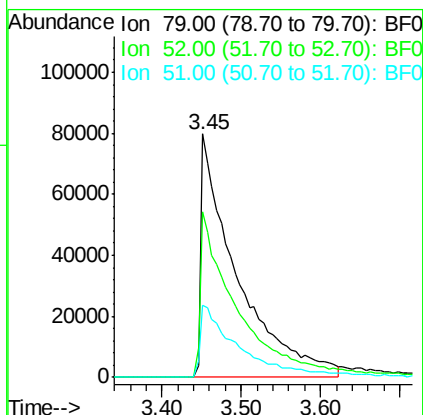
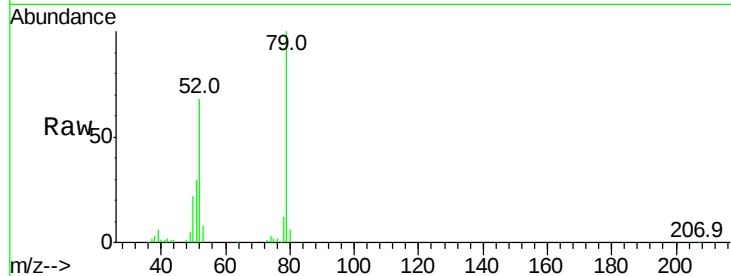




#3
 Pvridine
 Concen: 31.168 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.10 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

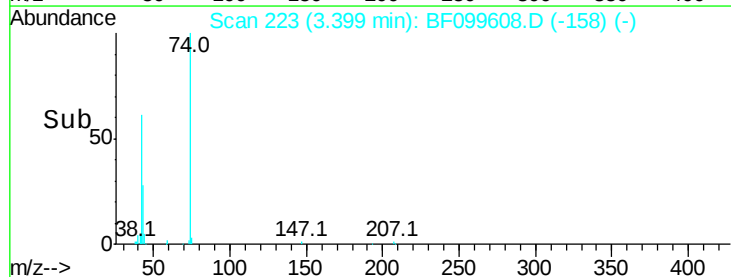
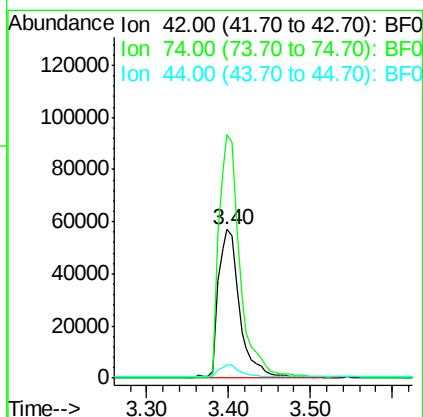
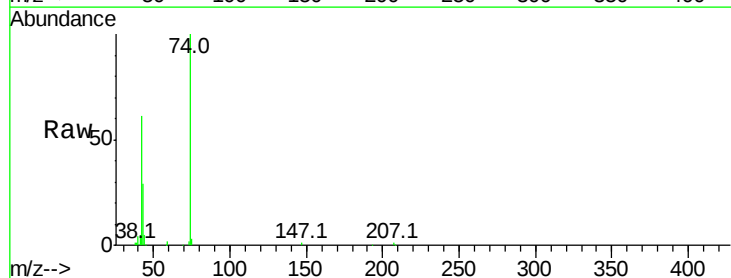
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 249685
 Ion Ratio Lower Upper
 79 100
 52 67.8 59.8 89.6
 51 29.6 29.8 44.8#



#4
 n-Nitrosodimethylamine
 Concen: 30.932 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.08 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion: 42 Resp: 105075
 Ion Ratio Lower Upper
 42 100
 74 164.1 104.9 157.3#
 44 8.5 6.9 10.3





#5

2-Fluorophenol

Concen: 124.930 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.02 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

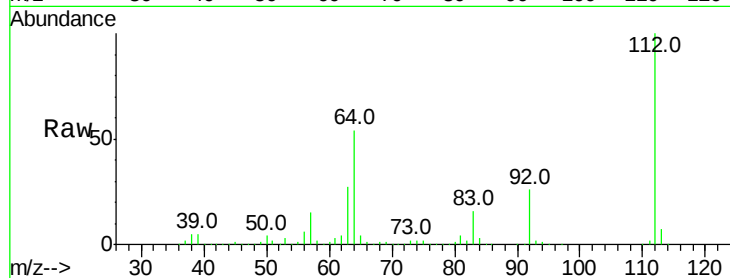
Tot Ion:112 Resp: 774464

Ion Ratio Lower Upper

112 100

64 54.0 47.9 71.9

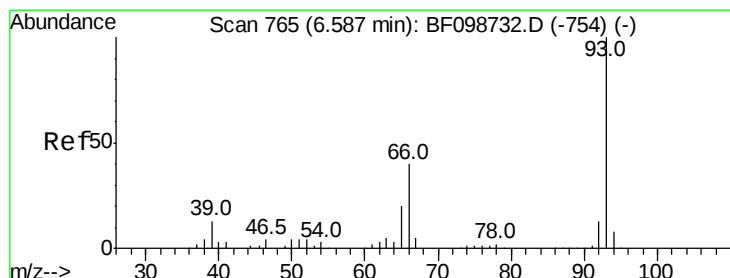
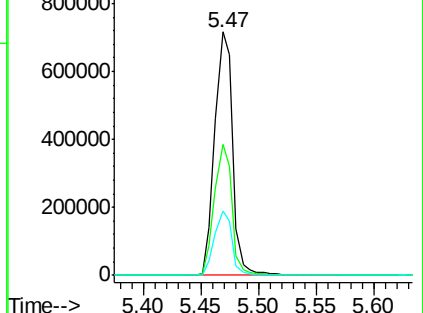
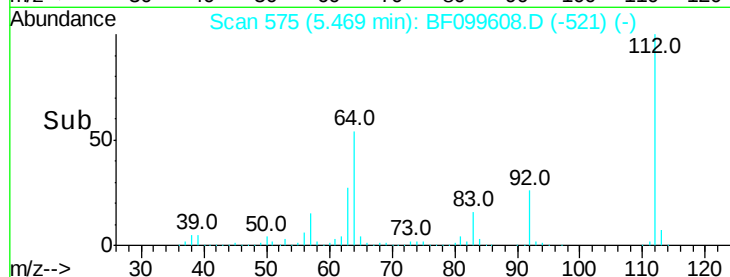
63 26.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.357 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

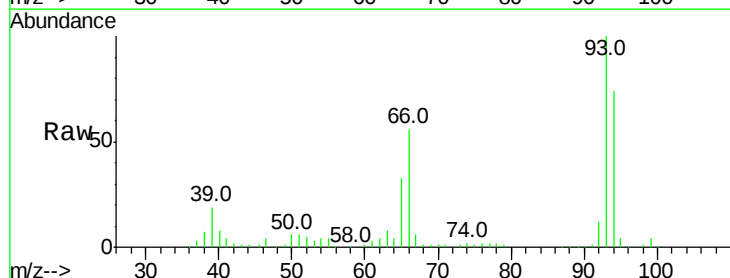
Tgt Ion: 93 Resp: 230756

Ion Ratio Lower Upper

93 100

66 56.3 32.2 48.2#

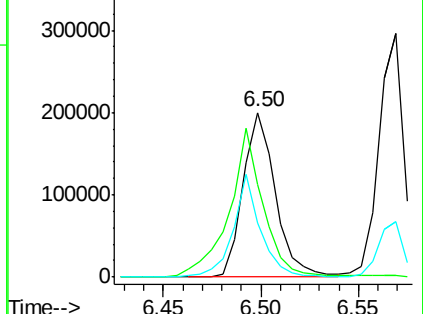
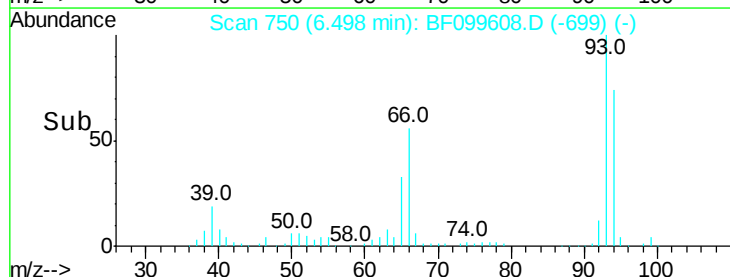
65 32.8 16.4 24.6#

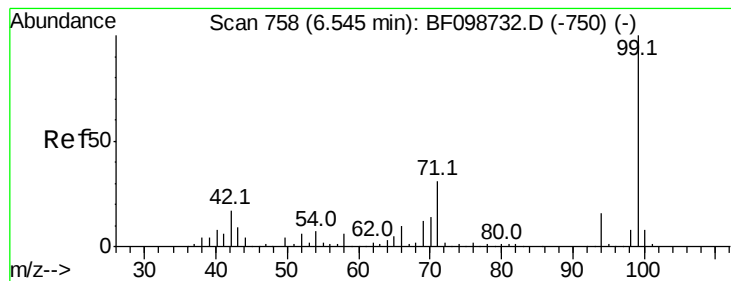


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.547 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

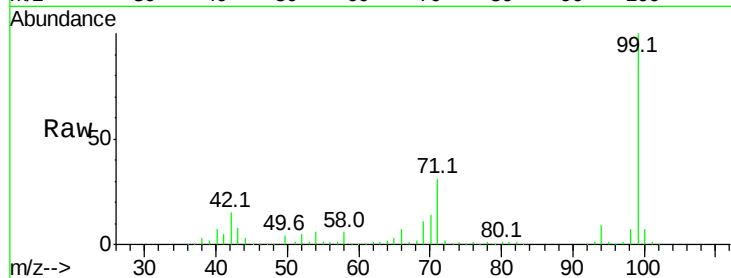
Tot Ion: 99 Resp: 929522

Ion Ratio Lower Upper

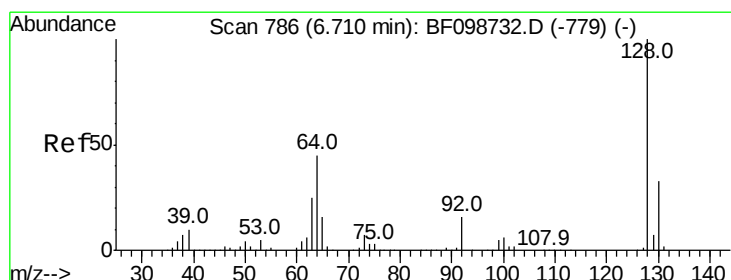
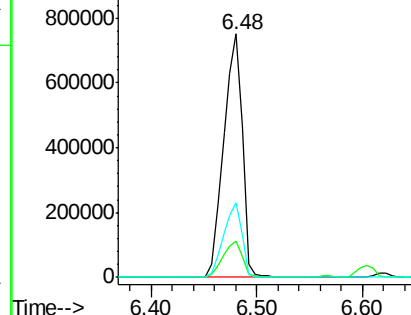
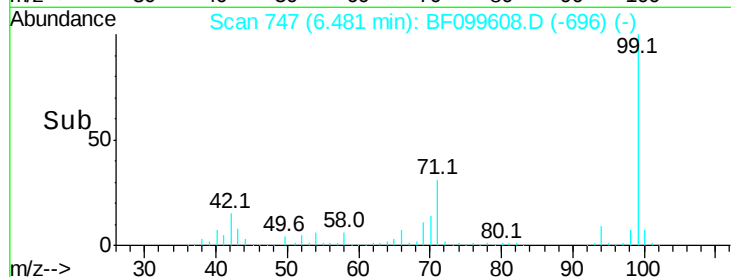
99 100

42 14.8 14.5 21.7

71 30.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.470 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

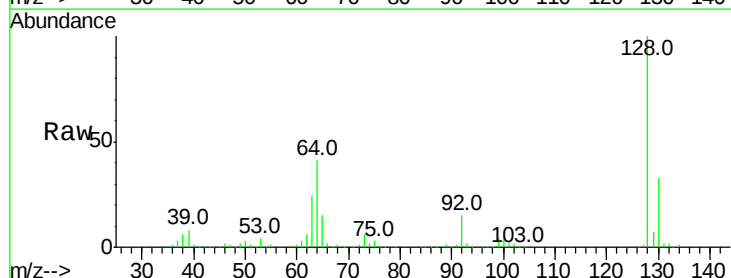
Tgt Ion: 128 Resp: 277089

Ion Ratio Lower Upper

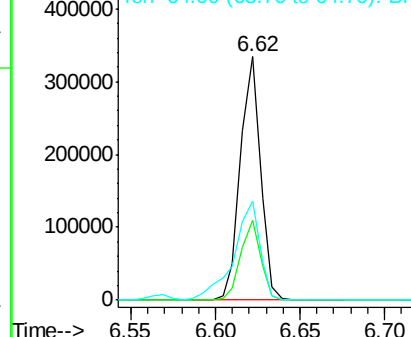
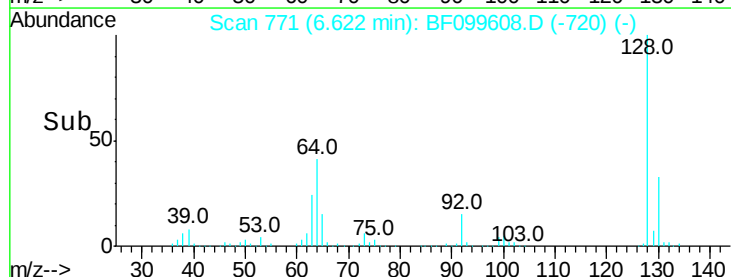
128 100

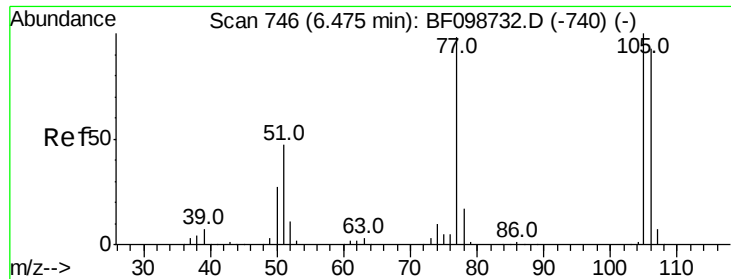
130 32.6 13.0 53.0

64 40.7 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.502 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

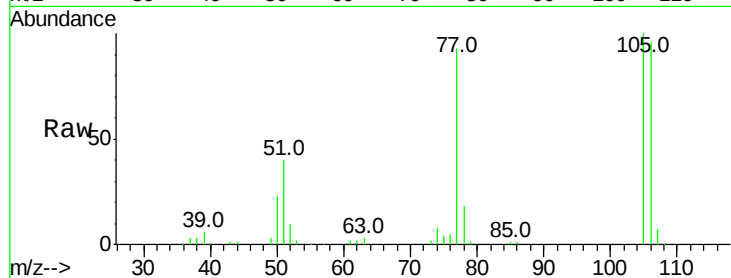
Tot Ion: 77 Resp: 77640

Ion Ratio Lower Upper

77 100

105 107.9 81.1 121.1

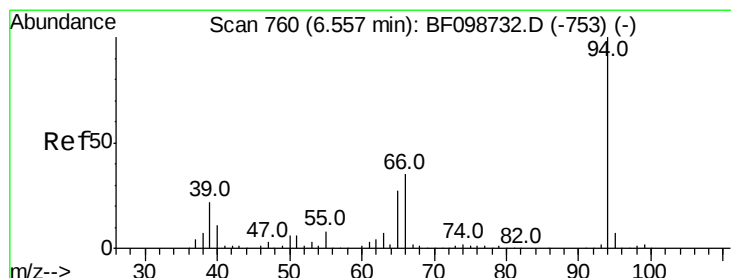
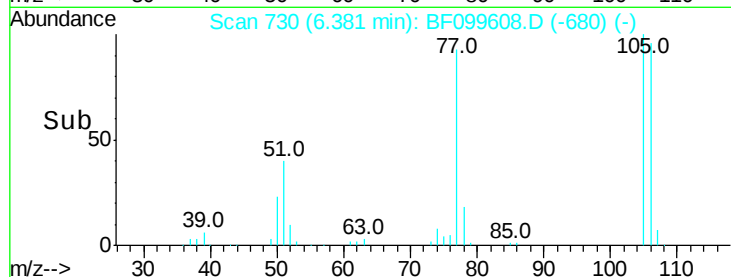
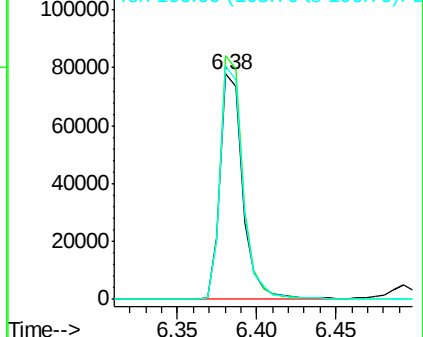
106 103.4 74.5 114.5



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: 37.249 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

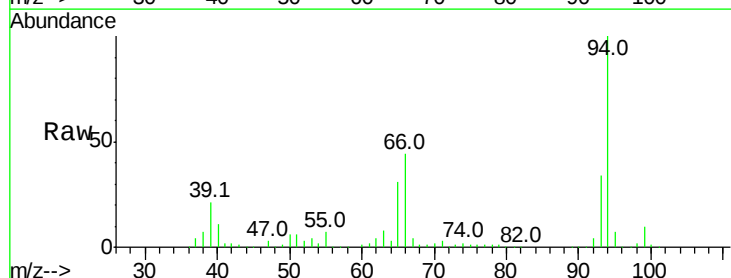
Tgt Ion: 94 Resp: 318582

Ion Ratio Lower Upper

94 100

65 30.6 7.9 47.9

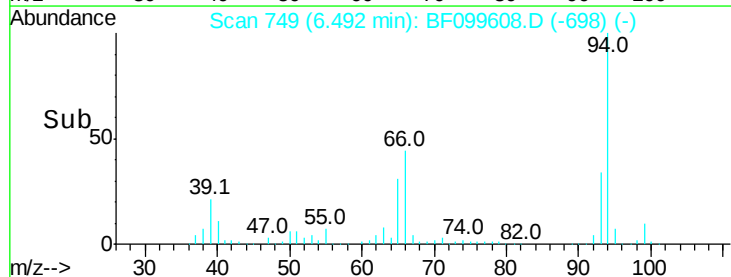
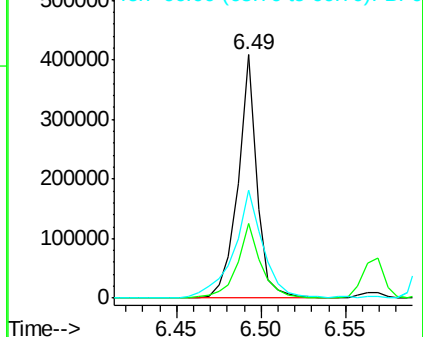
66 44.1 16.2 56.2



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

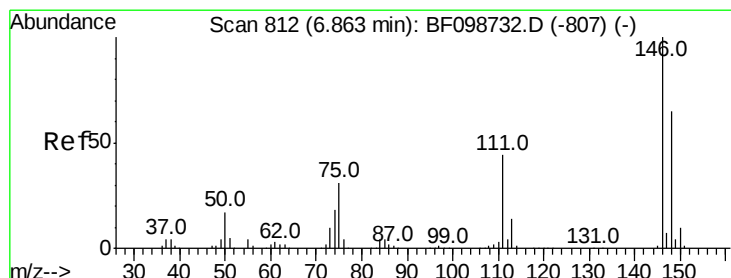
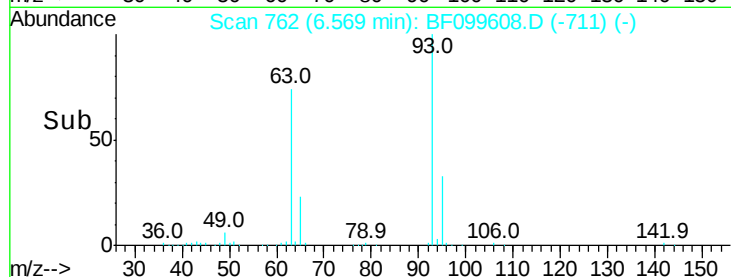
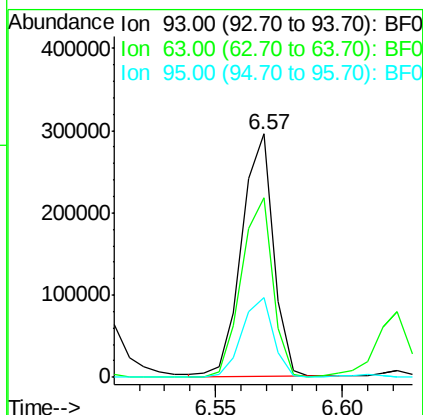
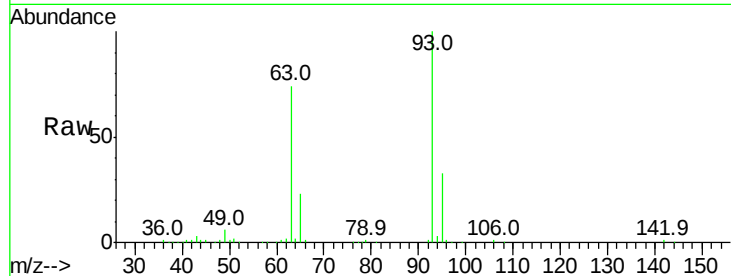




#11
bis(2-Chloroethyl)ether
Concen: 38.518 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

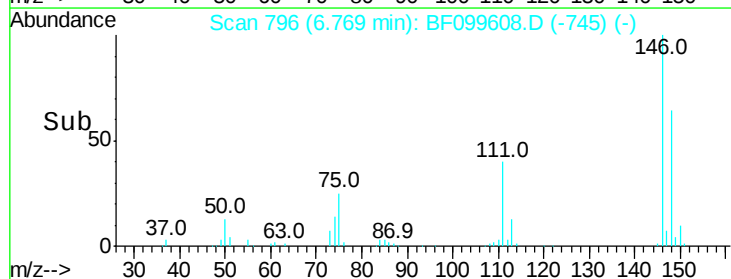
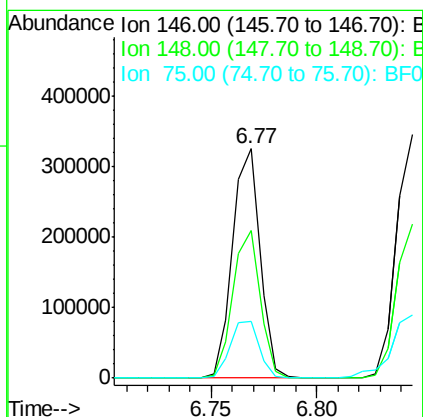
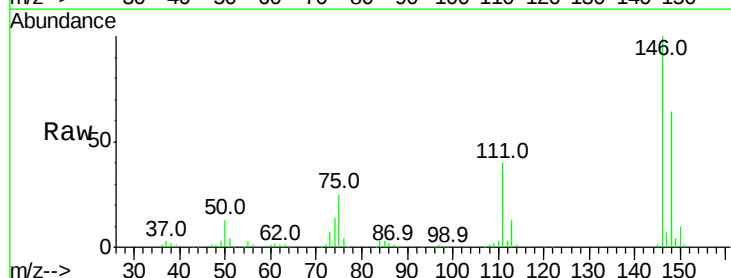
Instrument :
BNA_F
ClientSampleId :

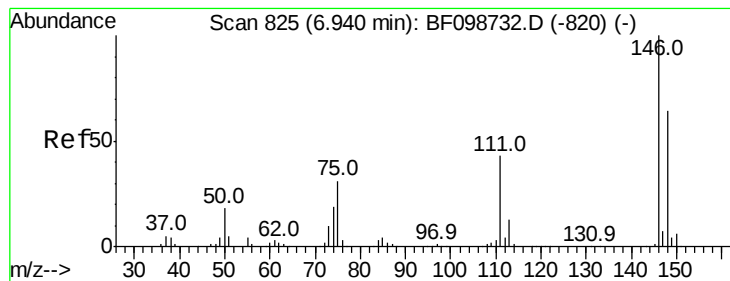
Tot Ion: 93 Resp: 256106
Ion Ratio Lower Upper
93 100
63 73.7 58.6 98.6
95 32.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.897 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion: 146 Resp: 293334
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.8
75 24.9 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.602 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

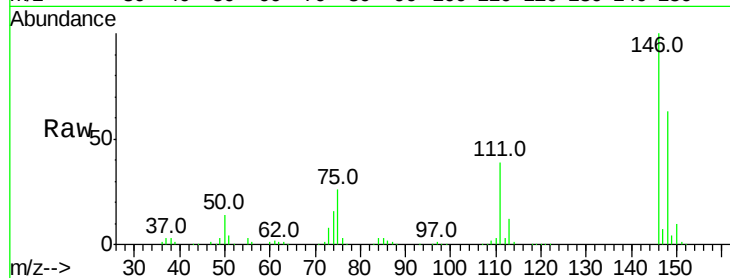
Tot Ion:146 Resp: 296241

Ion Ratio Lower Upper

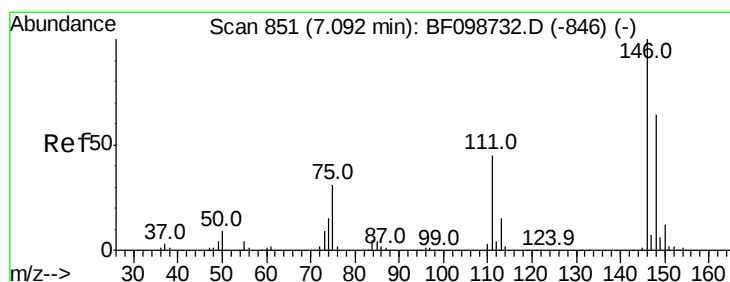
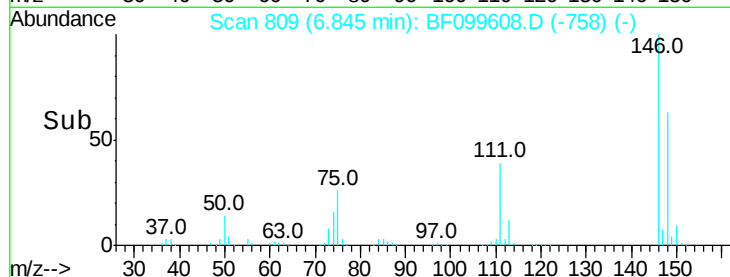
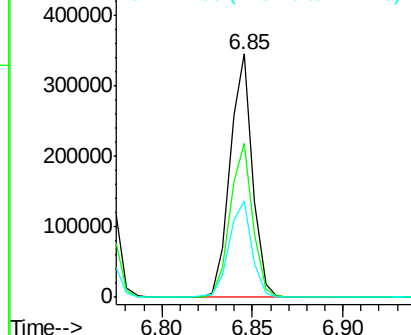
146 100

148 63.1 50.8 76.2

111 39.4 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: 39.533 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

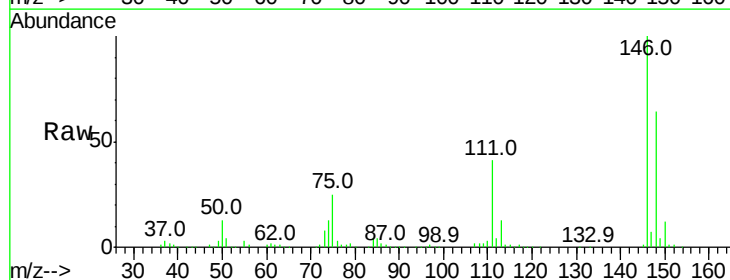
Tgt Ion:146 Resp: 273252

Ion Ratio Lower Upper

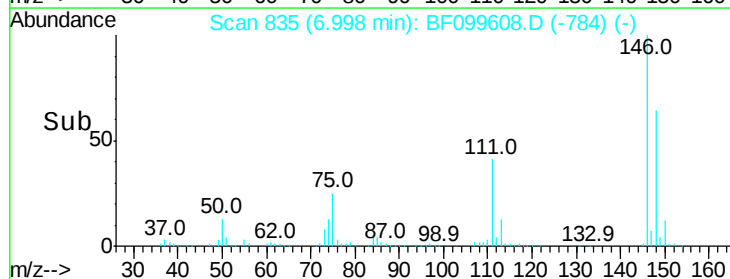
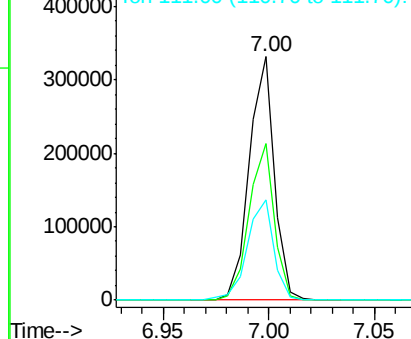
146 100

148 64.2 50.6 75.8

111 40.9 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

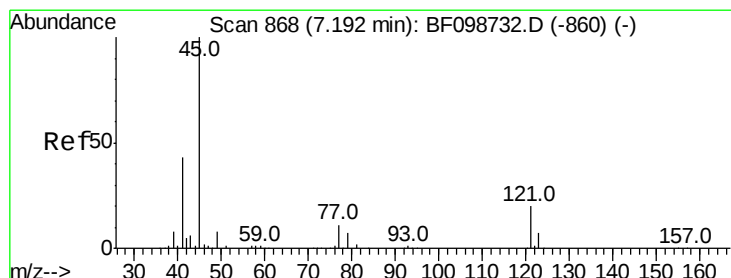
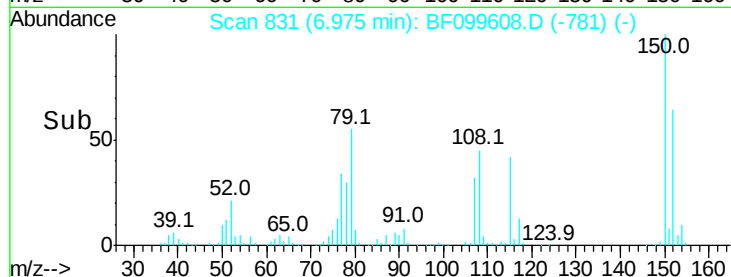
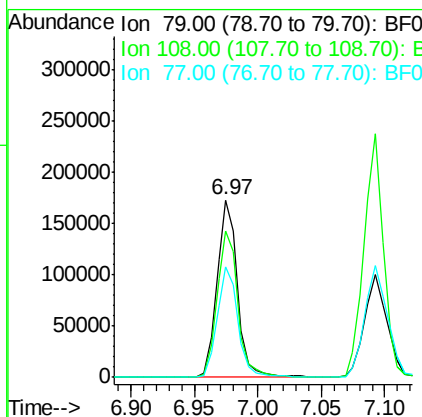
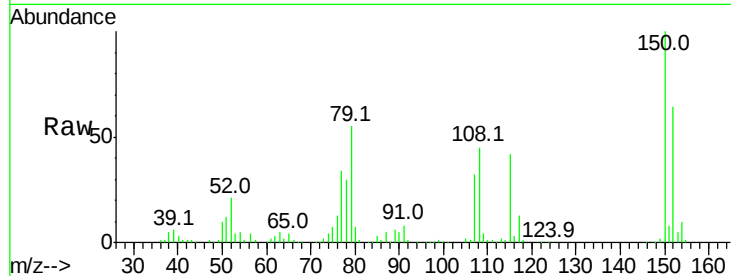




#15
Benzyl Alcohol
Concen: 34.992 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

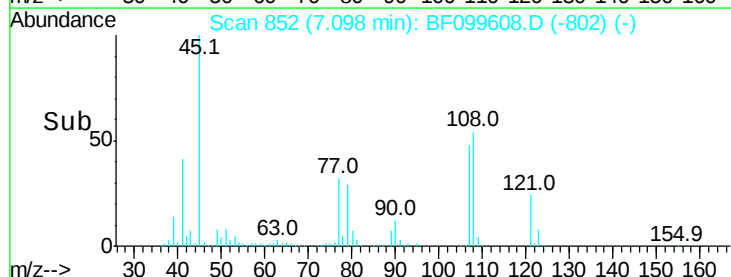
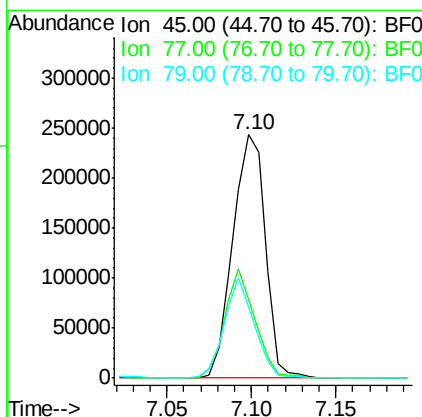
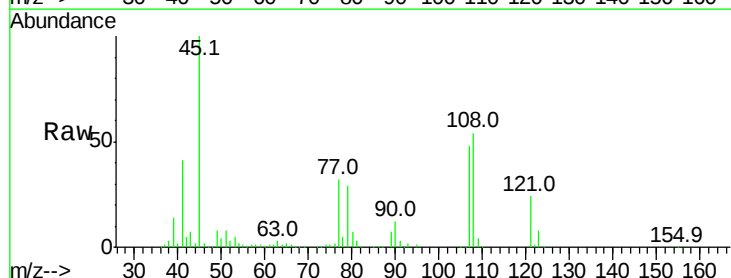
Instrument :
BNA_F
ClientSampleId :

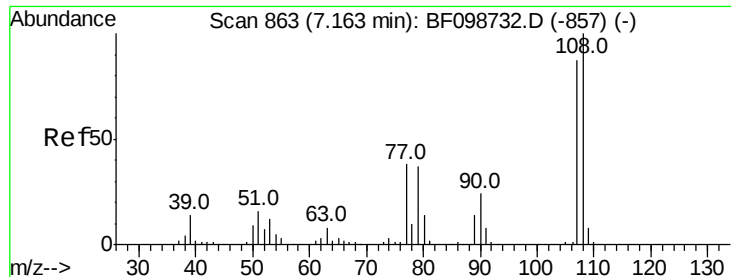
Tot Ion: 79 Resp: 196313
Ion Ratio Lower Upper
79 100
108 82.6 65.1 97.7
77 62.3 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 31.600 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion: 45 Resp: 327349
Ion Ratio Lower Upper
45 100
77 32.3 0.0 32.9
79 28.9 0.0 29.6





#17

2-Methylphenol

Concen: 38.684 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 22211

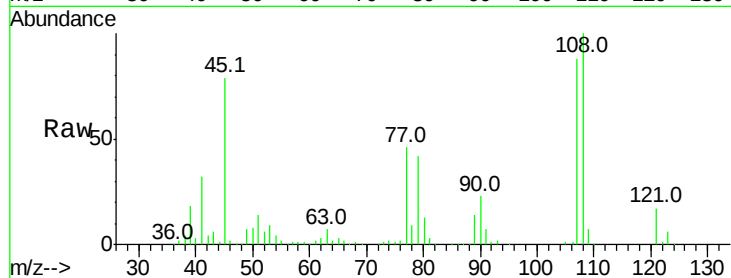
Ion Ratio Lower Upper

107 100

108 113.5 91.7 137.5

77 52.2 33.8 50.8#

79 47.8 33.8 50.8

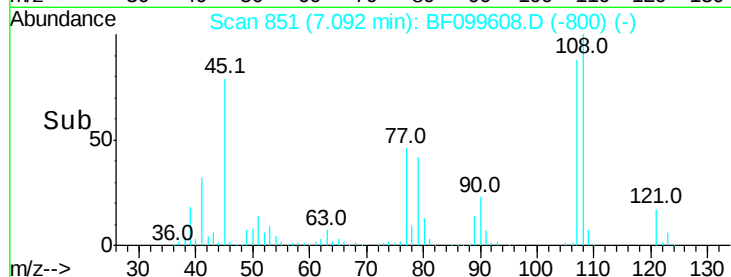


Abundance Ion 107.00 (106.70 to 107.70): E

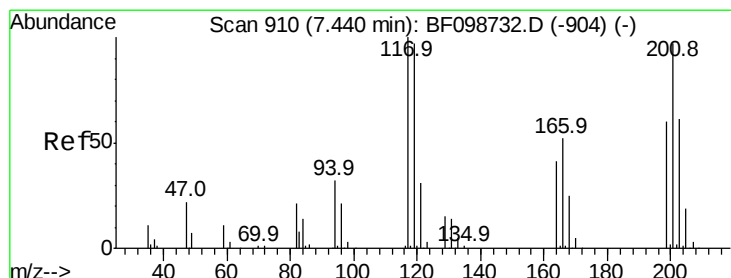
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time--> 7.00 7.05 7.10 7.15 7.20



#18

Hexachloroethane

Concen: 37.608 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

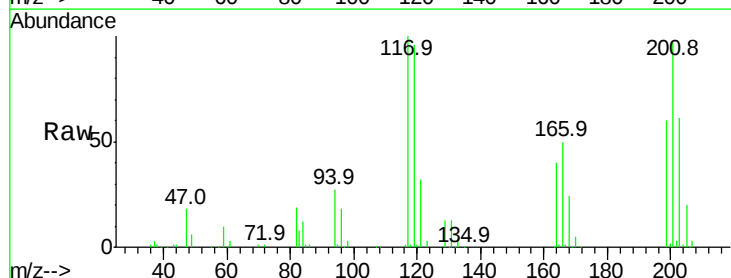
Tgt Ion:117 Resp: 101118

Ion Ratio Lower Upper

117 100

119 95.5 75.8 113.8

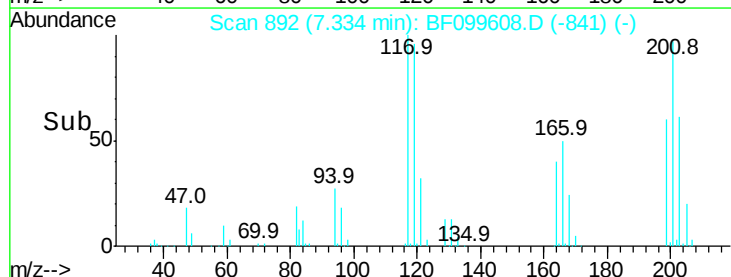
201 96.7 75.7 113.5



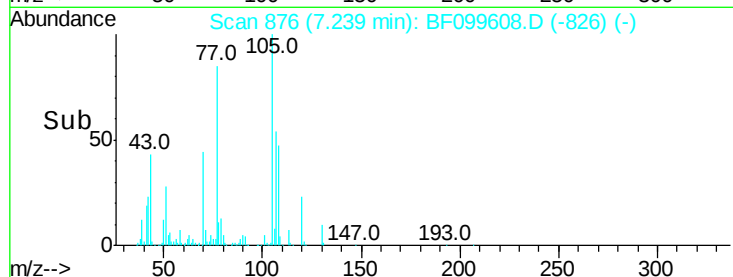
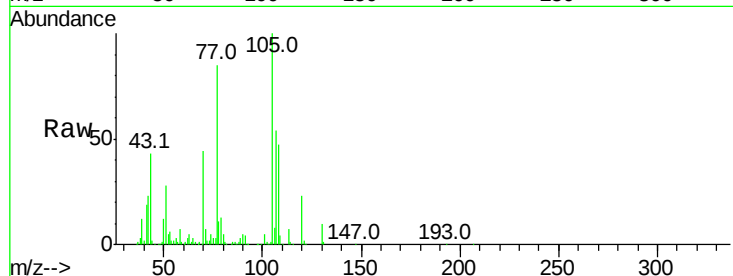
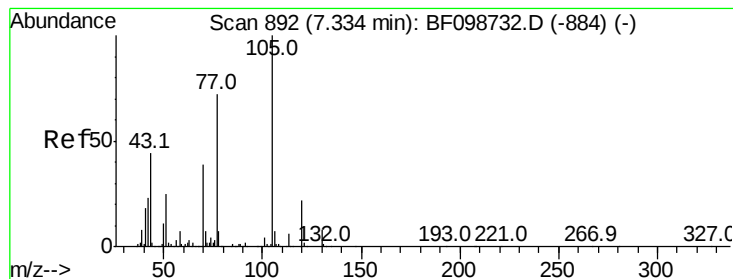
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time--> 7.30 7.35



#19

n-Nitroso-di-n-propylamine

Concen: 34.516 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 168528

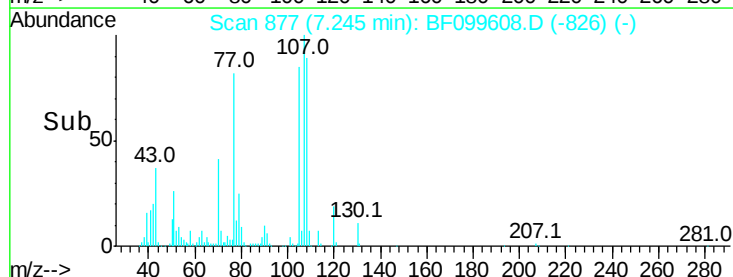
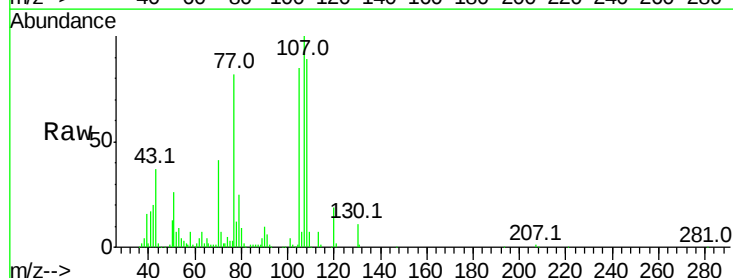
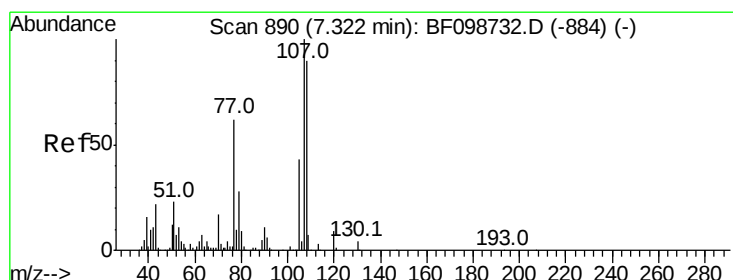
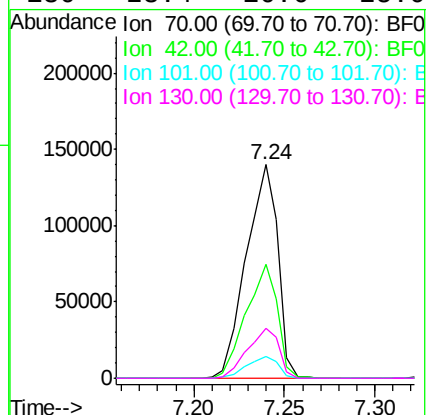
Ion Ratio Lower Upper

70 100

42 53.2 47.5 71.3

101 10.3 7.4 11.2

130 23.4 16.6 25.0



#20

3+4-Methylphenols

Concen: 38.882 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Tgt Ion:107 Resp: 282548

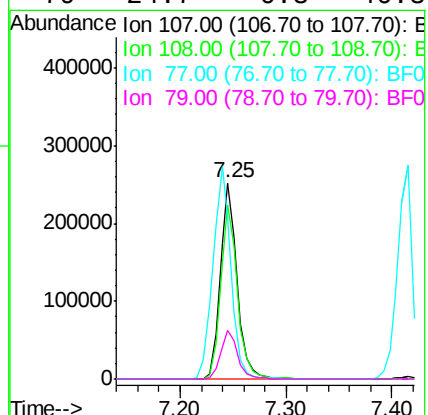
Ion Ratio Lower Upper

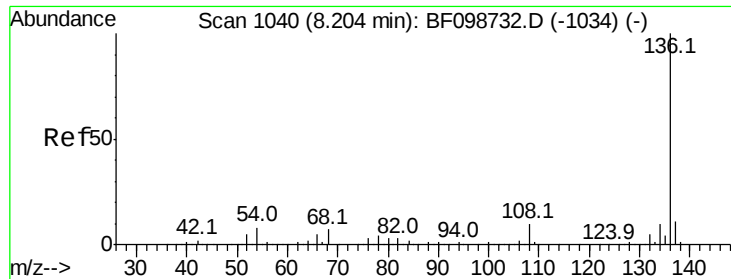
107 100

108 88.6 68.2 108.2

77 81.9 26.7 66.7#

79 24.7 6.3 46.3

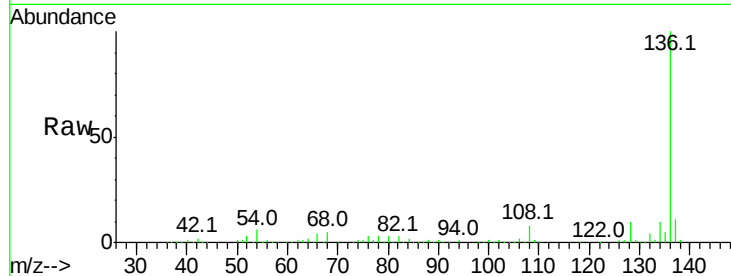




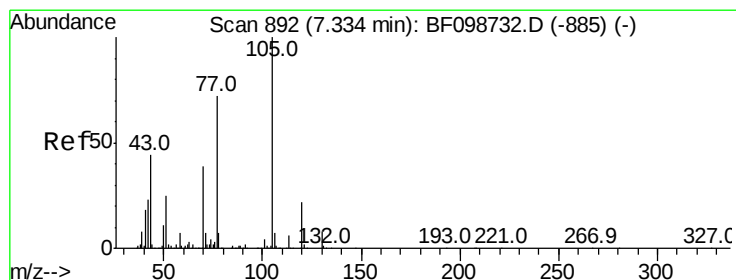
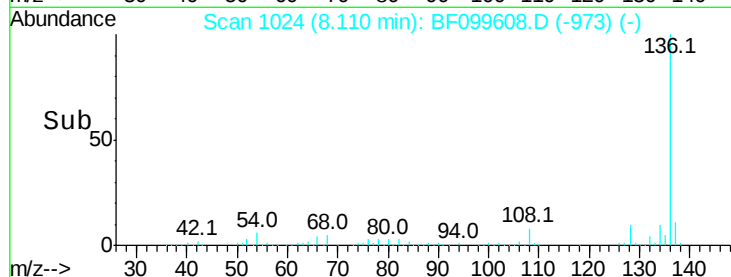
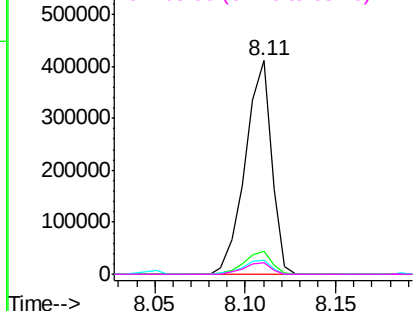
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	414857
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.3	6.6	9.8#
68	5.4	5.0	7.4

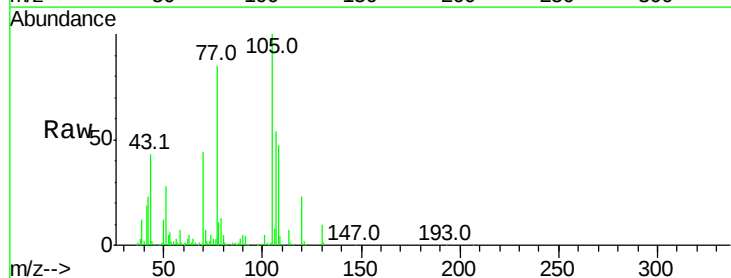


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

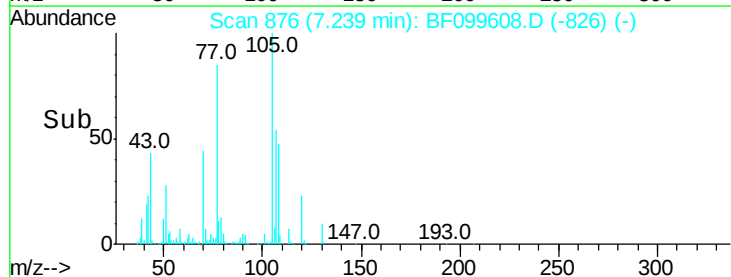
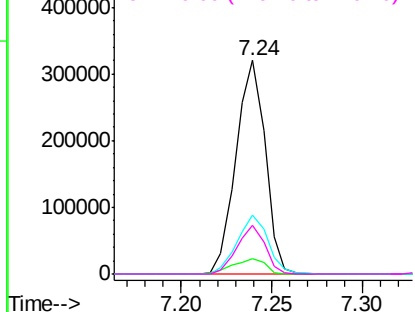


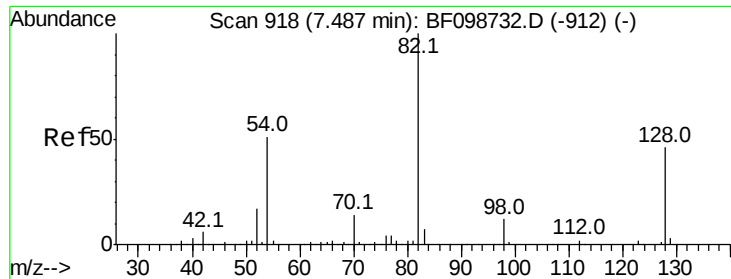
#22
Acetophenone
Concen: 35.778 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion:	105	Resp:	359610
Ion	Ratio	Lower	Upper
105	100		
71	7.3	4.4	6.6#
51	27.7	22.3	33.5
120	22.5	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

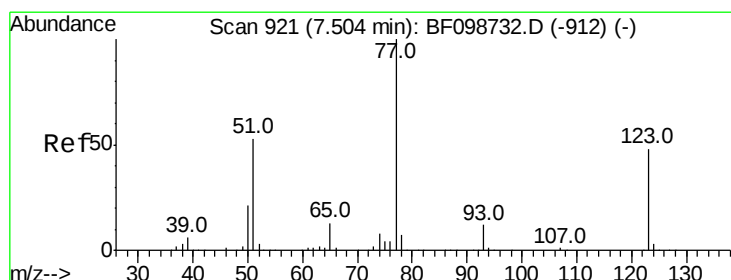
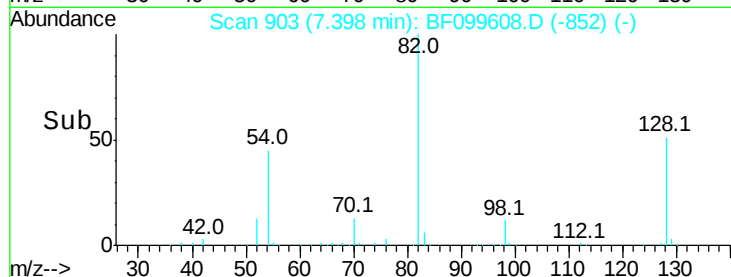
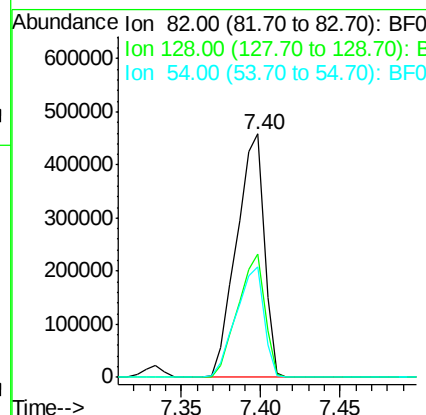
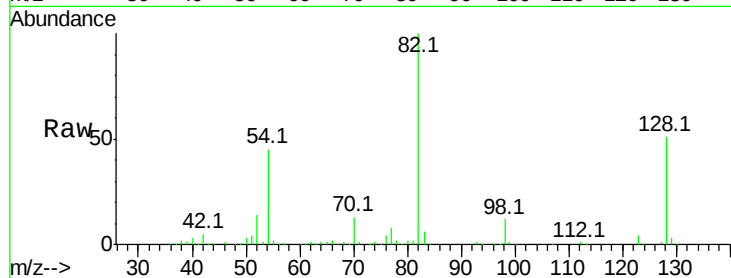




#23
 Nitrobenzene-d5
 Concen: 86.037 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

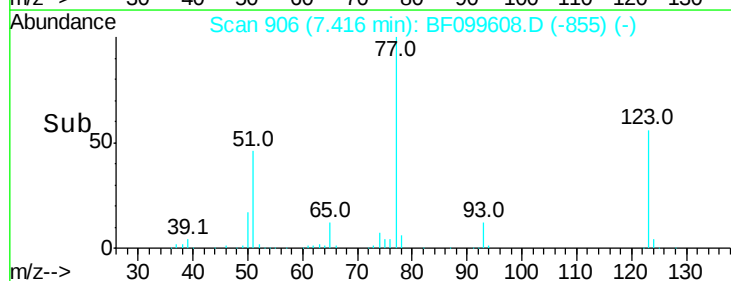
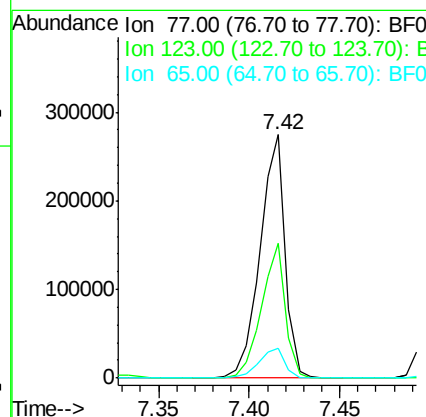
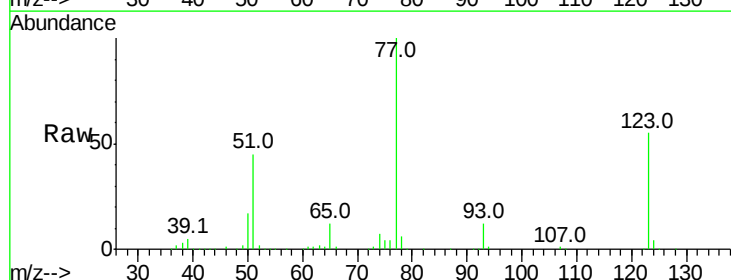
Instrument :
 BNA_F
 ClientSampleId :

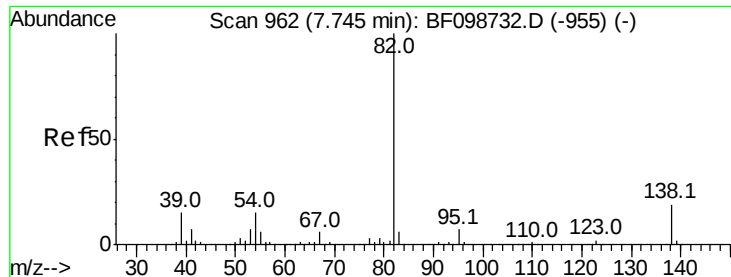
Tot Ion: 82 Resp: 556573
 Ion Ratio Lower Upper
 82 100
 128 50.6 36.1 54.1
 54 45.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 35.808 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion: 77 Resp: 262769
 Ion Ratio Lower Upper
 77 100
 123 55.5 37.9 56.9
 65 12.1 11.0 16.4





#25

Isophorone

Concen: 36.706 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

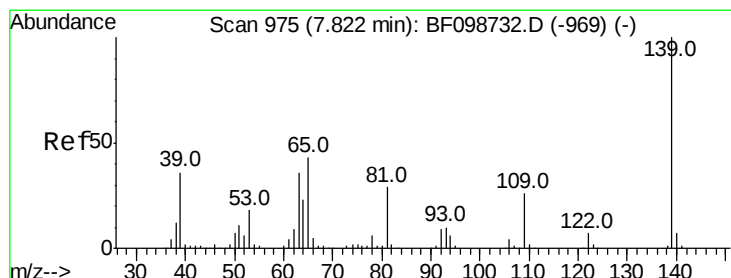
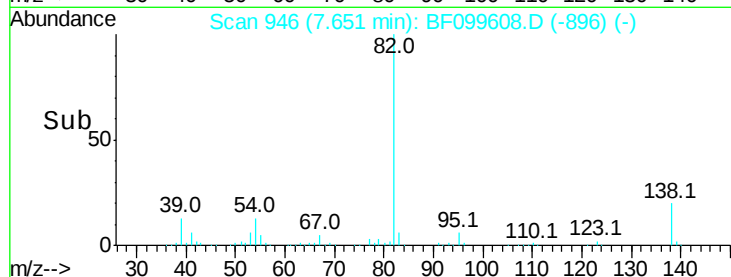
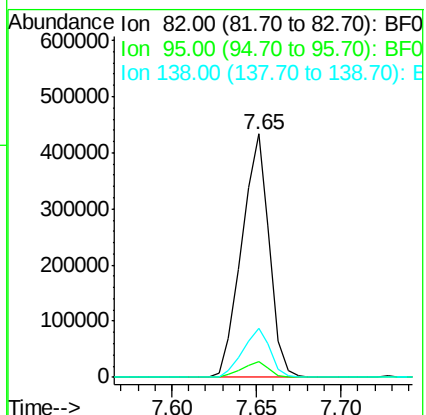
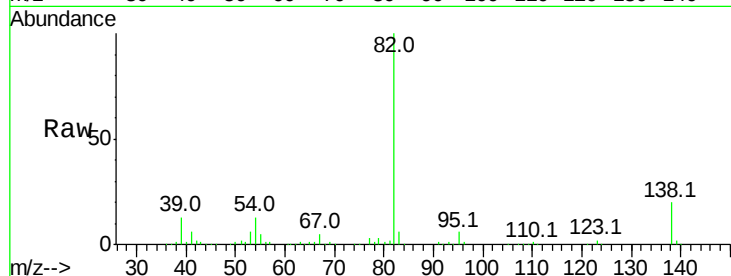
Tot Ion: 82 Resp: 490928

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 20.0 14.9 22.3



#26

2-Nitrophenol

Concen: 44.406 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

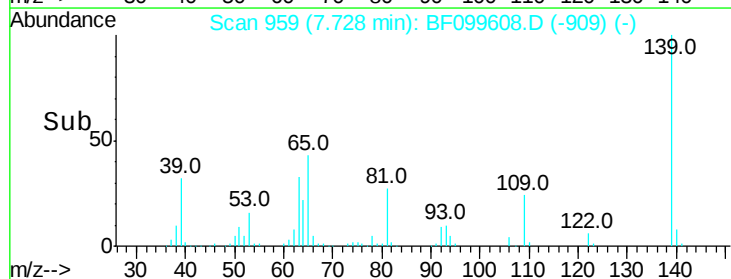
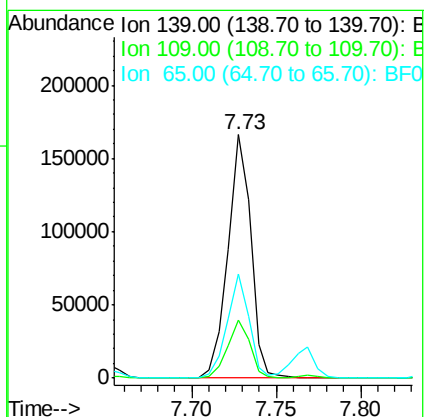
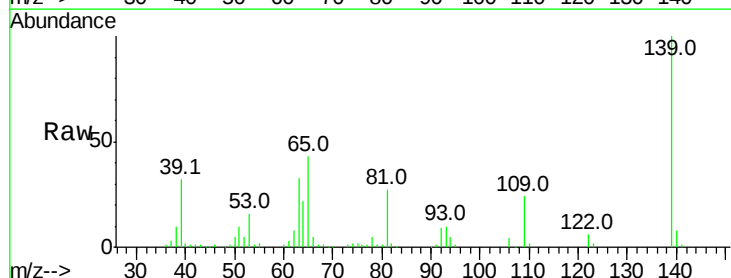
Tgt Ion: 139 Resp: 156701

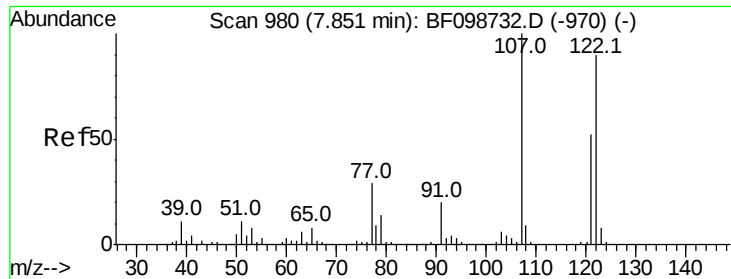
Ion Ratio Lower Upper

139 100

109 23.7 22.7 34.1

65 42.9 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.864 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

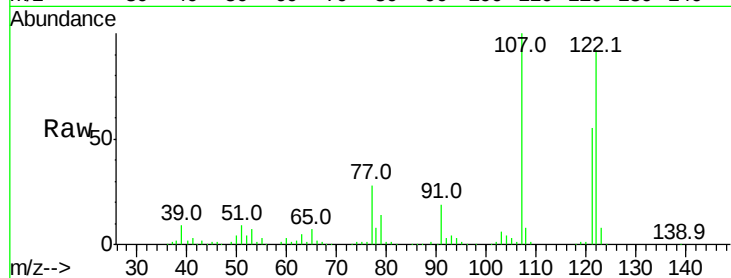
Tot Ion:122 Resp: 245666

Ion Ratio Lower Upper

122 100

107 108.1 91.2 136.8

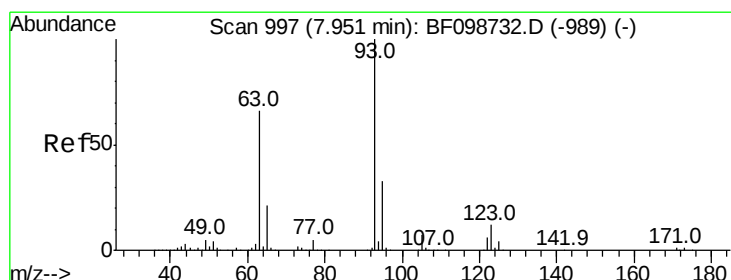
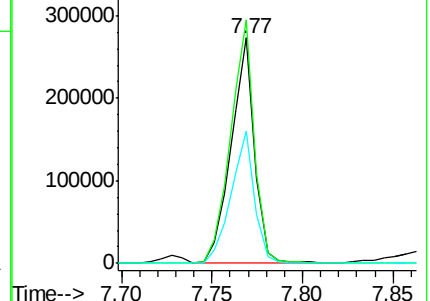
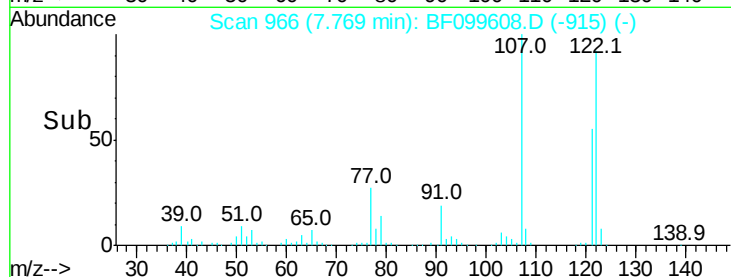
121 58.9 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.412 ng

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

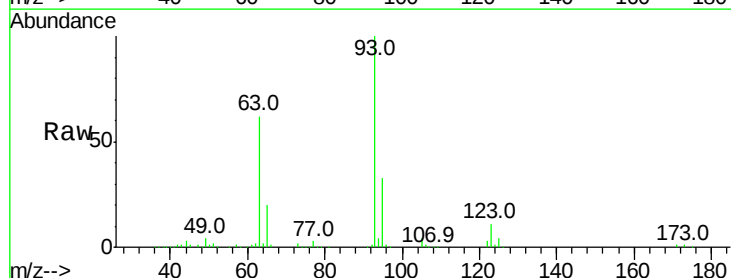
Tgt Ion: 93 Resp: 320156

Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

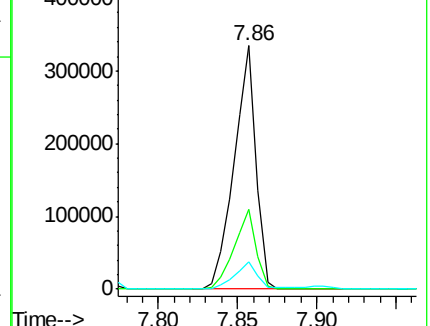
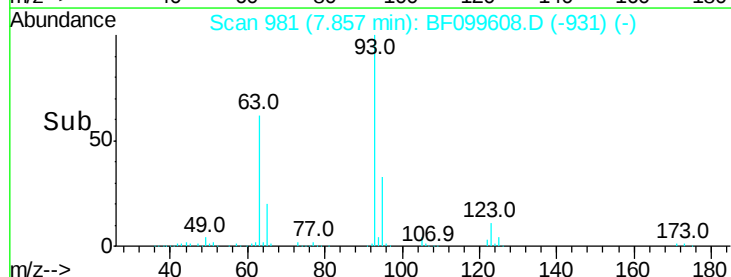
123 11.4 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

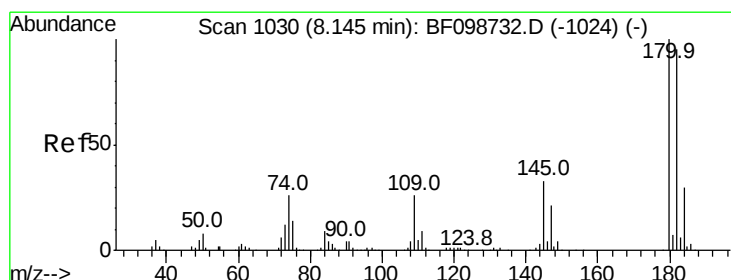
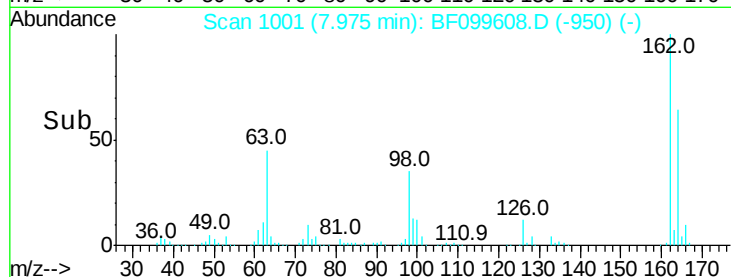
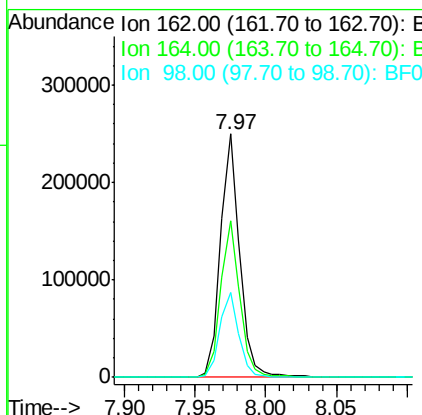
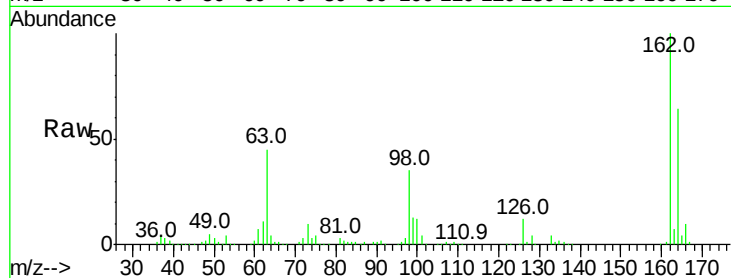




#29
 2,4-Dichlorophenol
 Concen: 41.306 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

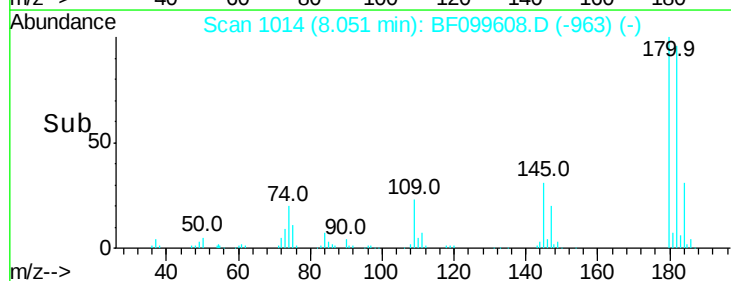
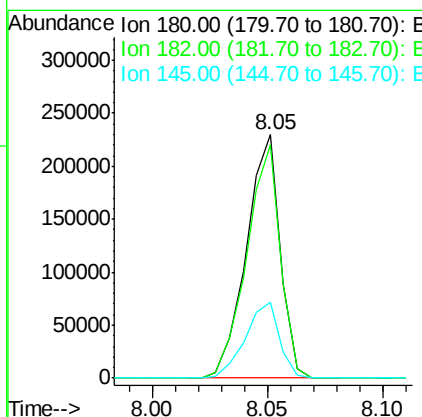
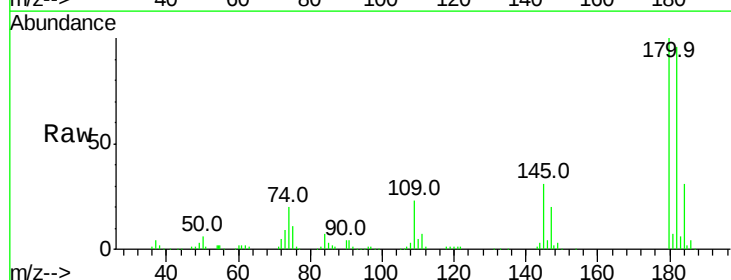
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.7	82.7
98	34.9	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.045 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.8	115.2
145	31.0	26.5	39.7





#31

Naphthalene

Concen: 39.903 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

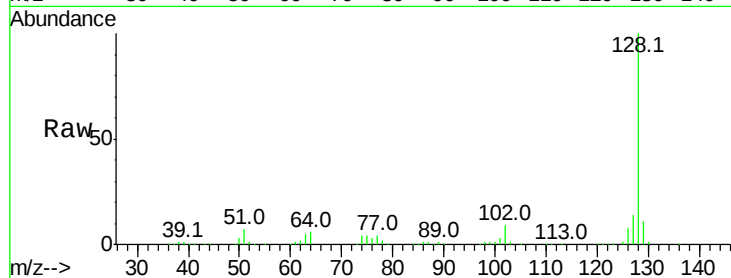
Tot Ion:128 Resp: 777487

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

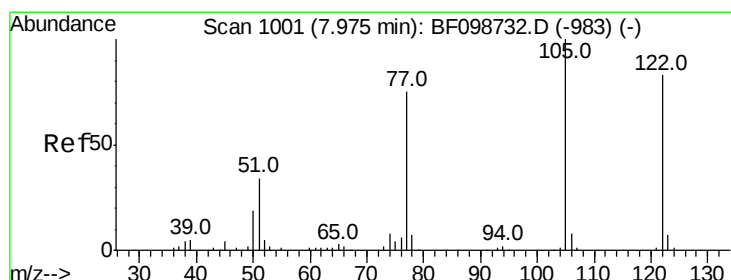
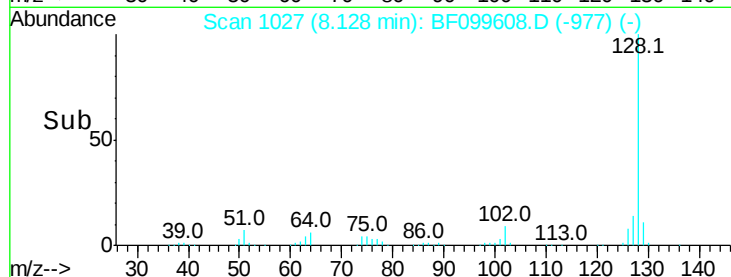
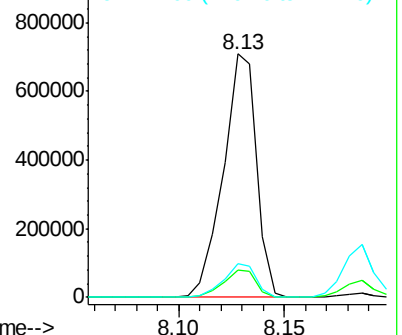
127 13.6 10.9 16.3



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: 22.349 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

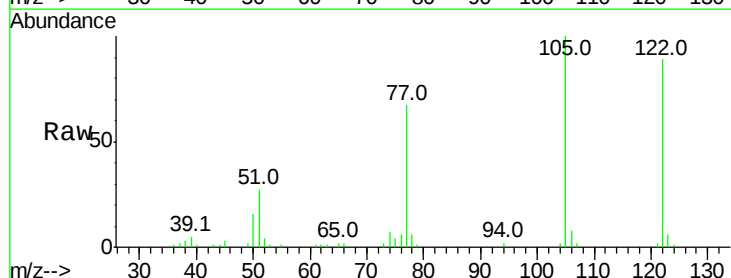
Tgt Ion:122 Resp: 122343

Ion Ratio Lower Upper

122 100

105 113.0 101.1 141.1

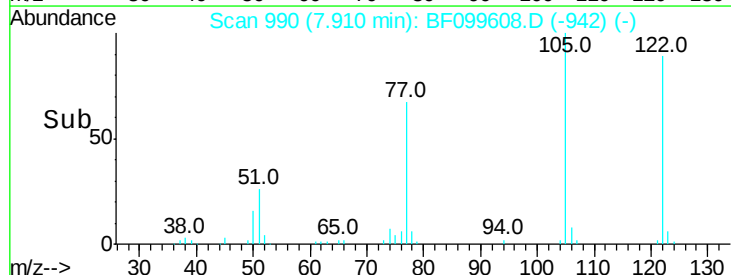
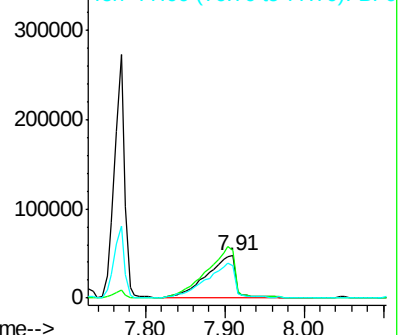
77 76.1 70.7 110.7

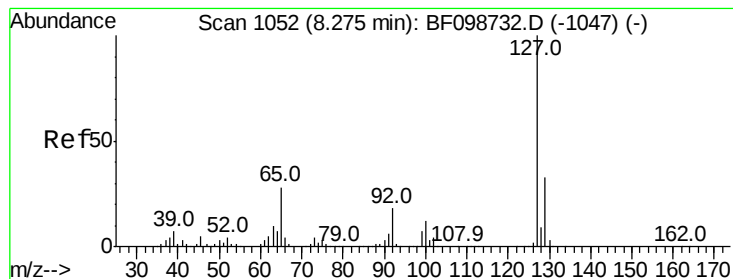


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 20.154 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF099608.D

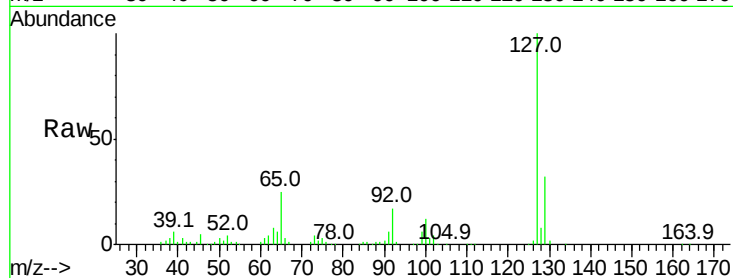
Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	163984
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	24.8	25.0	37.4#
92	17.4	15.2	22.8

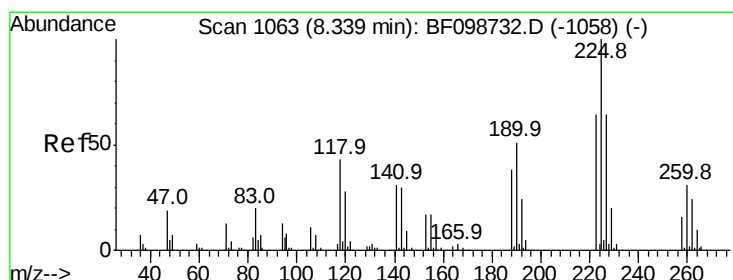
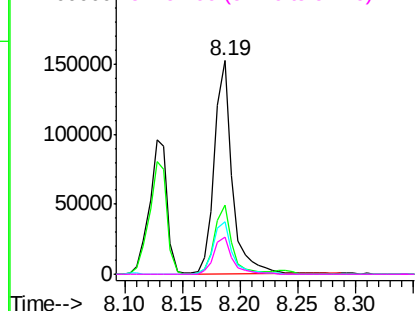
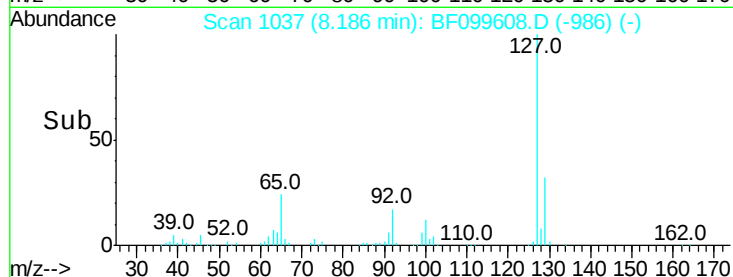


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.443 ng

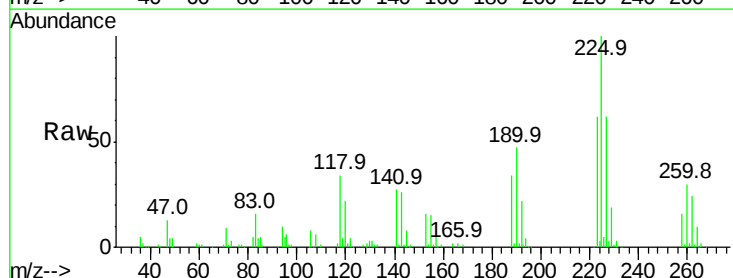
RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

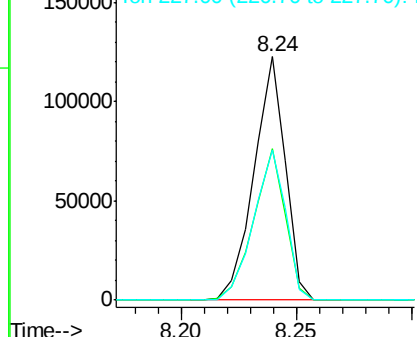
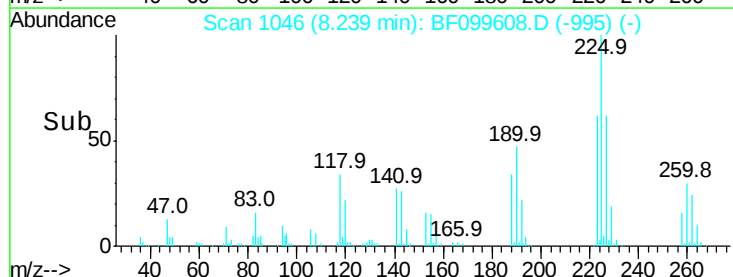
Tgt Ion:	225	Resp:	116260
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	61.9	51.9	77.9

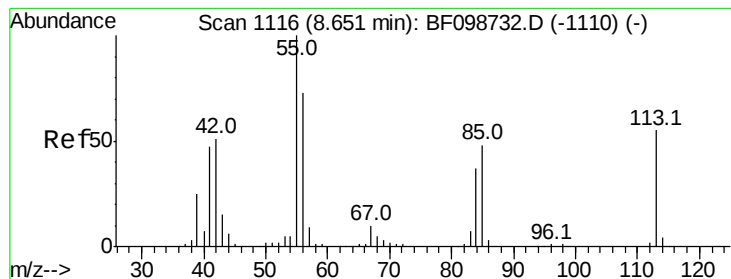


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 22.070 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

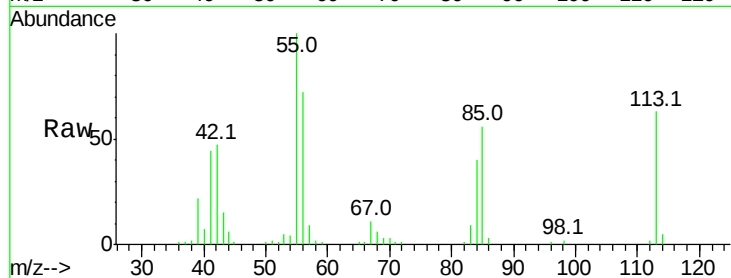
Tot Ion:113 Resp: 40506

Ion Ratio Lower Upper

113 100

55 159.3 163.3 203.3#

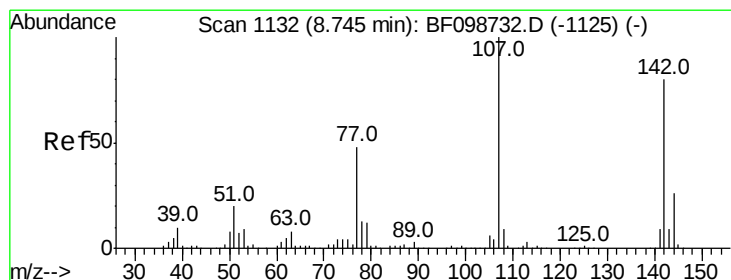
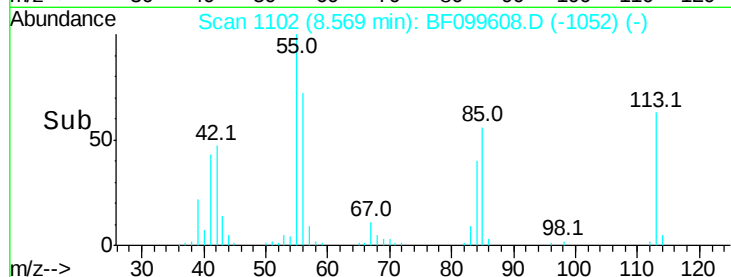
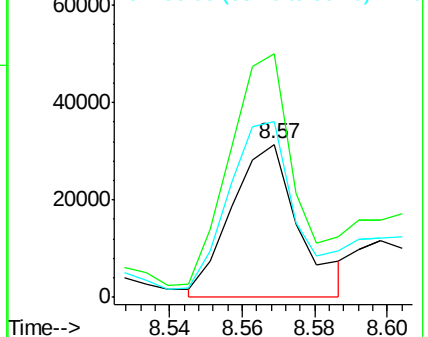
56 114.8 115.7 155.7#



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: 38.159 ng

RT: 8.67 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

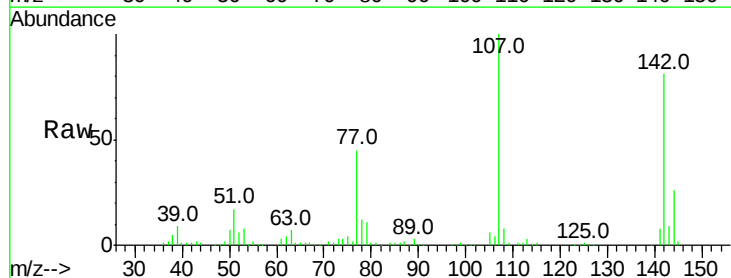
Tgt Ion:107 Resp: 245403

Ion Ratio Lower Upper

107 100

144 26.0 20.5 30.7

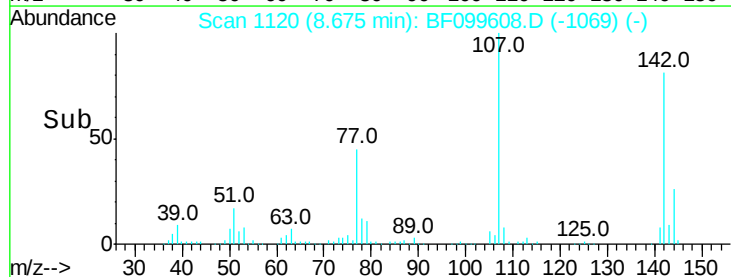
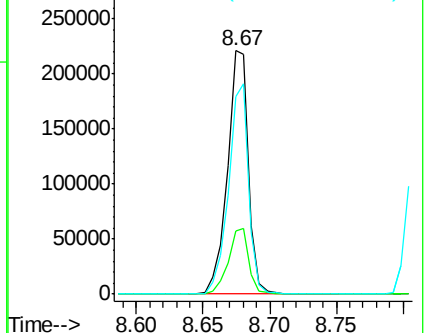
142 81.1 62.0 93.0

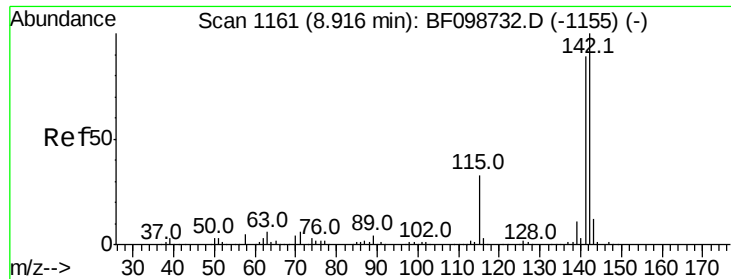


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

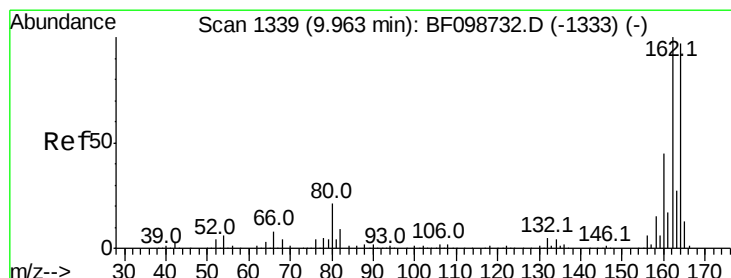
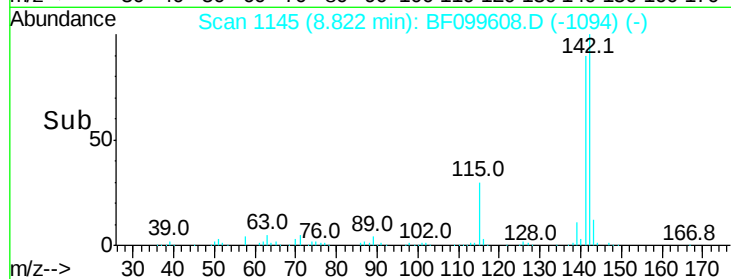
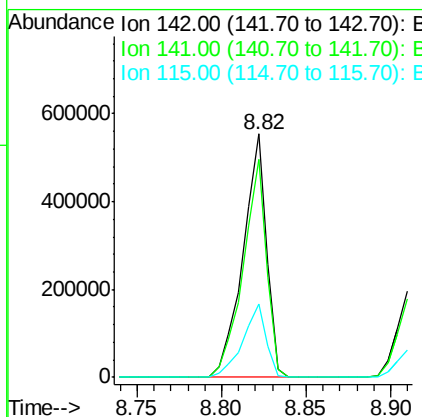
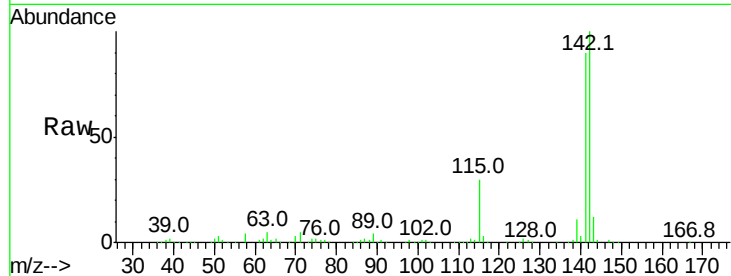




#37
 2-Methylnaphthalene
 Concen: 42.966 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

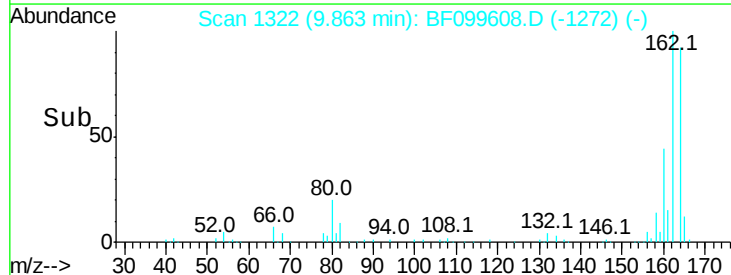
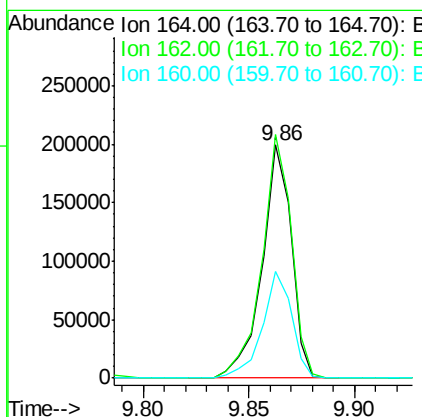
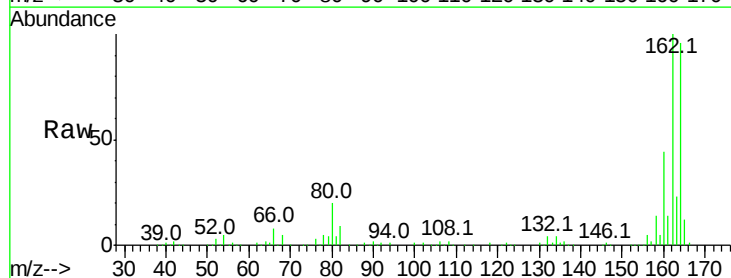
Instrument :
 BNA_F
 ClientSampleId :

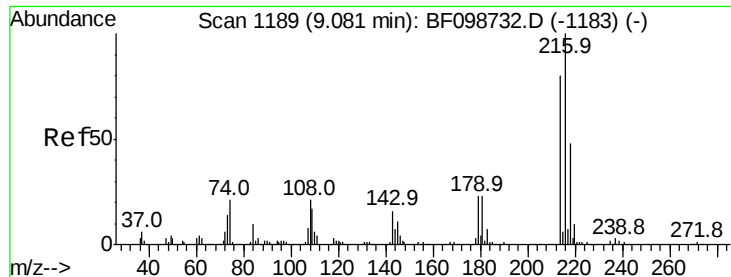
Tot Ion:142 Resp: 544221
 Ion Ratio Lower Upper
 142 100
 141 89.6 70.8 106.2
 115 30.0 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion:164 Resp: 192371
 Ion Ratio Lower Upper
 164 100
 162 104.4 86.1 129.1
 160 45.6 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.230 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 219329

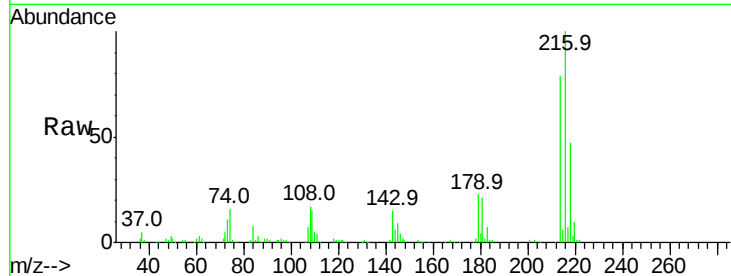
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 22.2 18.1 27.1

108 19.5 17.2 25.8

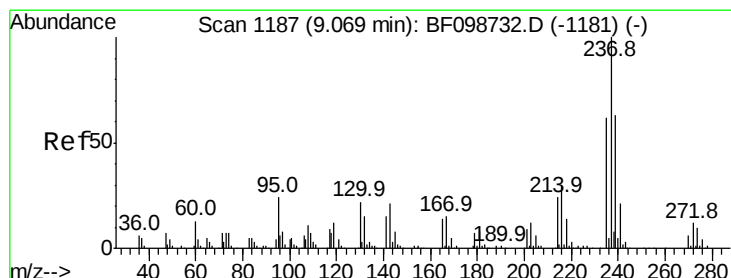
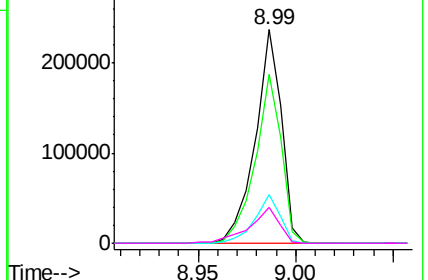
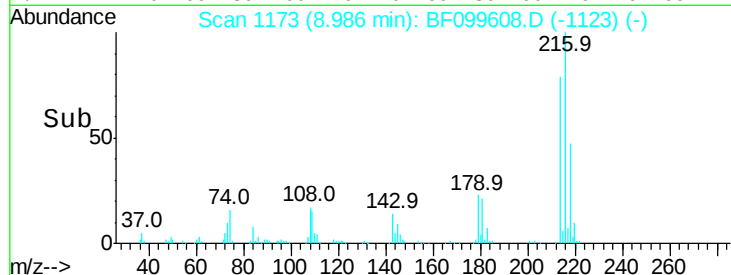


Abundance Ion 216.00 (215.70 to 216.70): E

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: 52.046 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

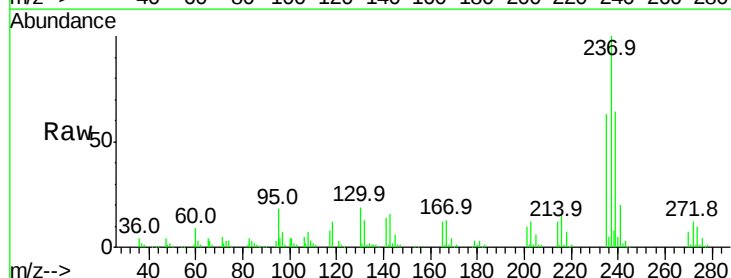
Tgt Ion:237 Resp: 136454

Ion Ratio Lower Upper

237 100

235 63.3 44.8 84.8

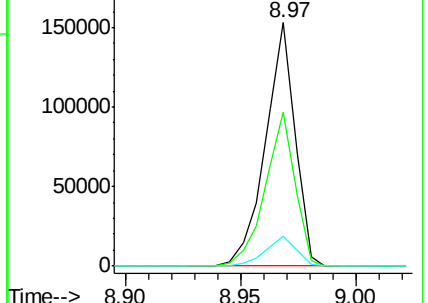
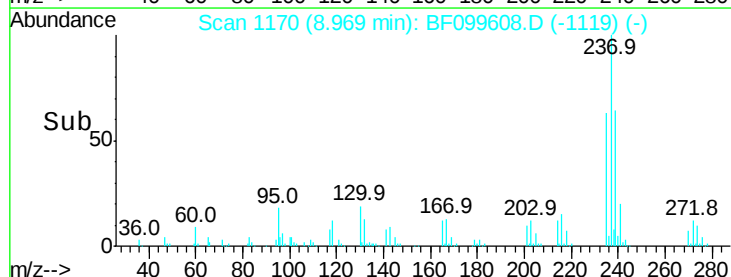
272 12.3 0.0 33.3

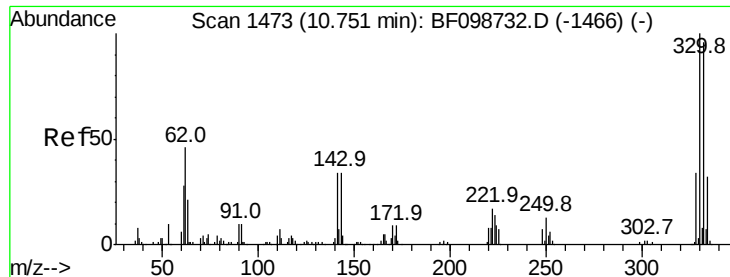


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

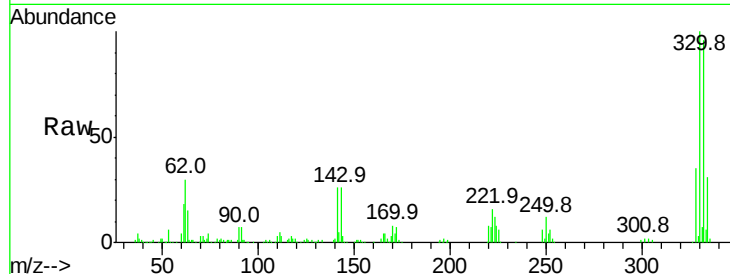




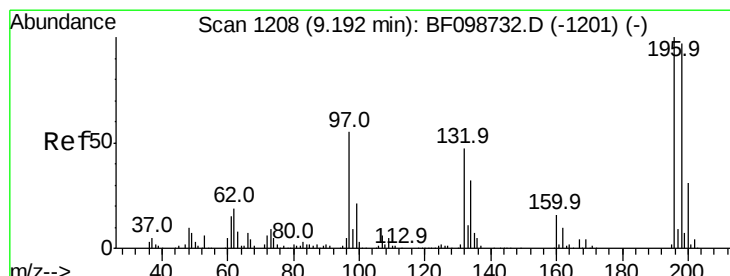
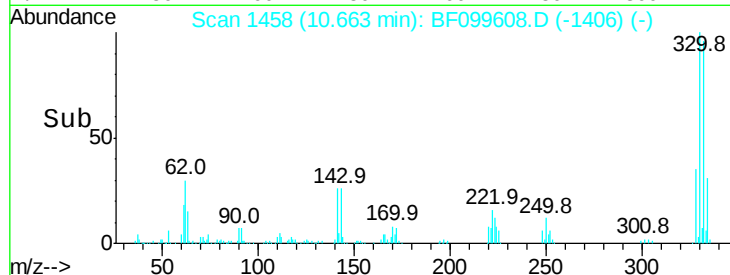
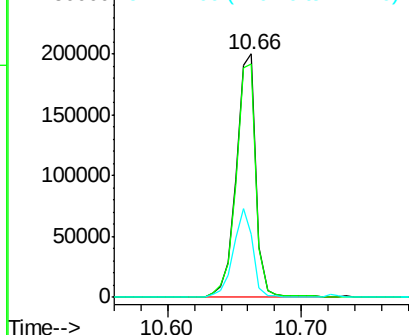
#41
 2,4,6-Tribromophenol
 Concen: 132.226 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	36.3	29.9	44.9

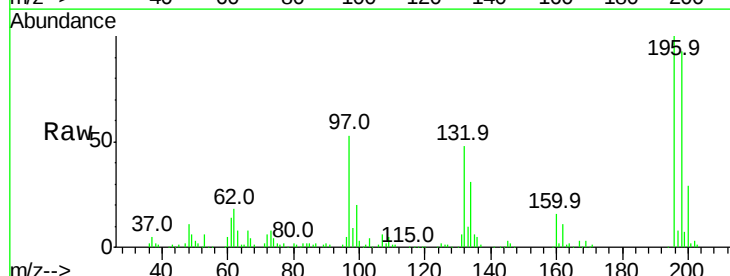


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

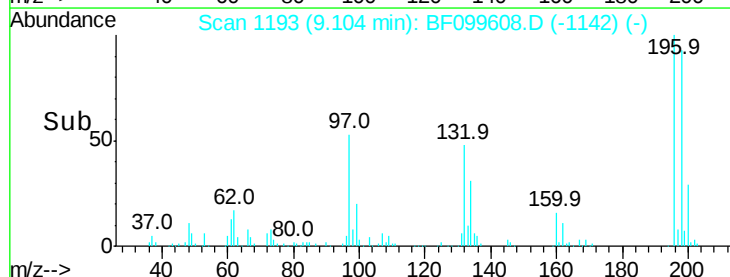
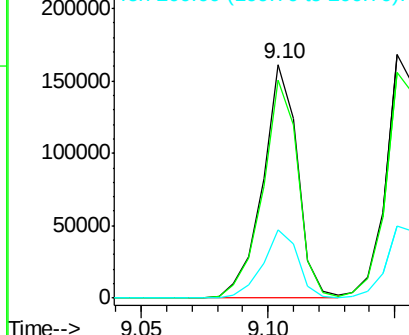


#42
 2,4,6-Trichlorophenol
 Concen: 38.273 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.5	75.7	113.5
200	29.4	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

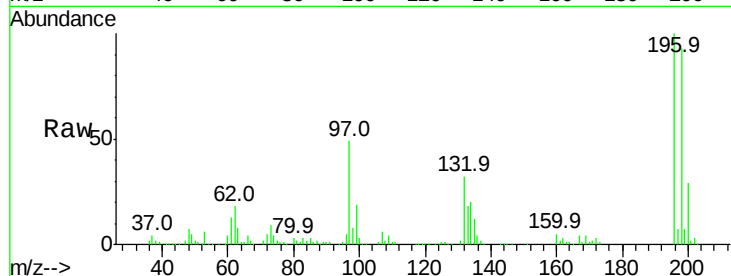




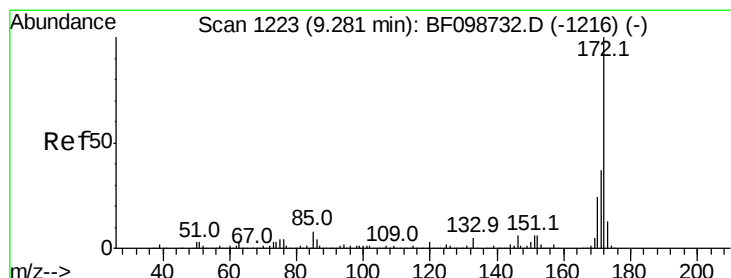
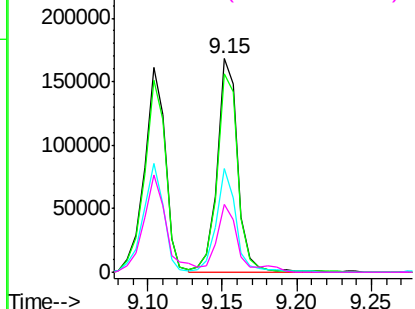
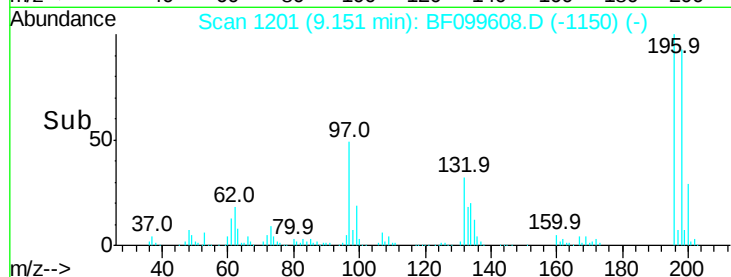
#43
 2,4,5-Trichlorophenol
 Concen: 39.610 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 160705
 Ion Ratio Lower Upper
 196 100
 198 92.7 74.6 112.0
 97 48.8 42.9 64.3
 132 32.0 26.3 39.5

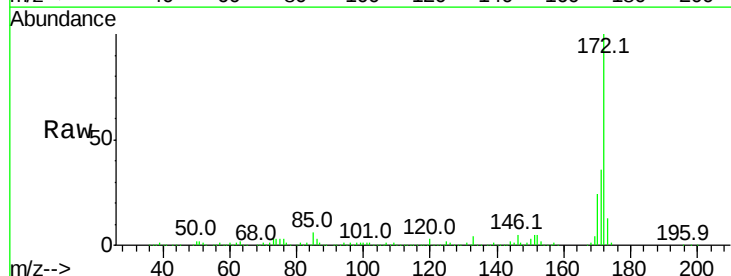


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

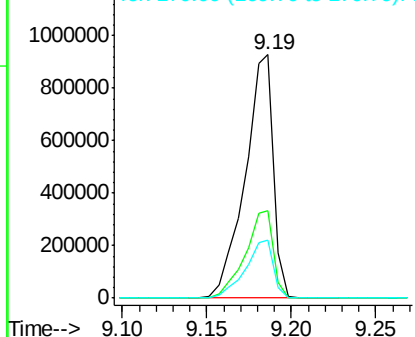
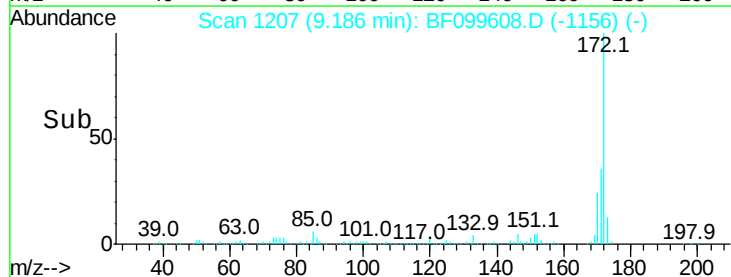


#44
 2-Fluorobiphenyl
 Concen: 94.055 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion:172 Resp: 1083817
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.7 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

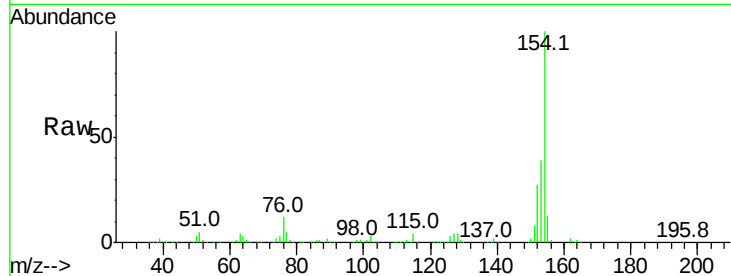




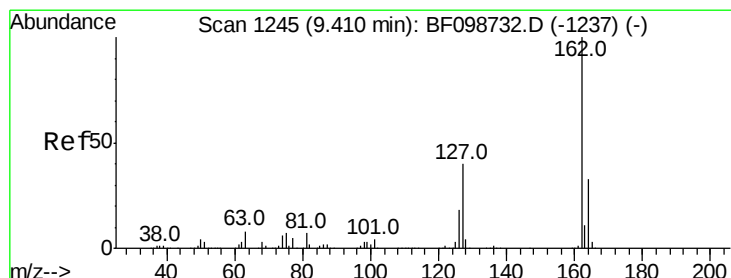
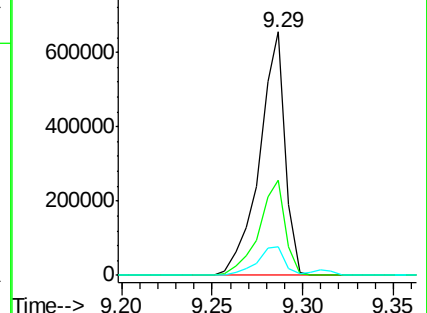
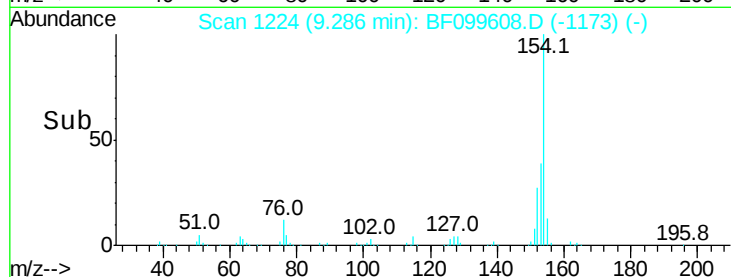
#45
 1,1'-Biphenyl
 Concen: 38.876 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 642734
 Ion Ratio Lower Upper
 154 100
 153 39.1 21.3 61.3
 76 11.7 0.0 34.0

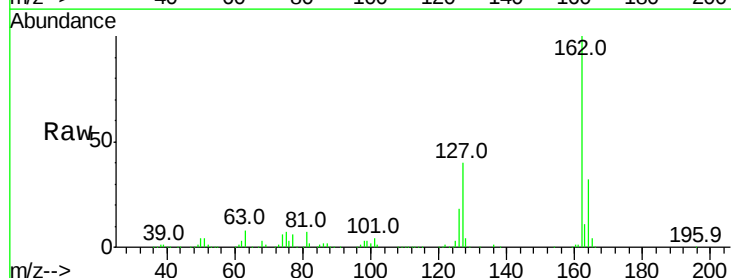


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

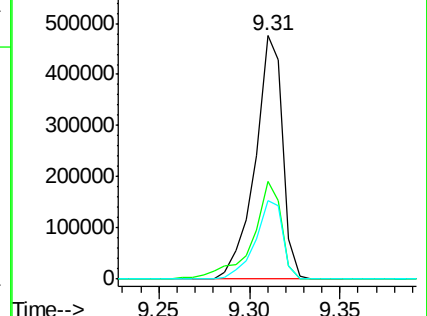
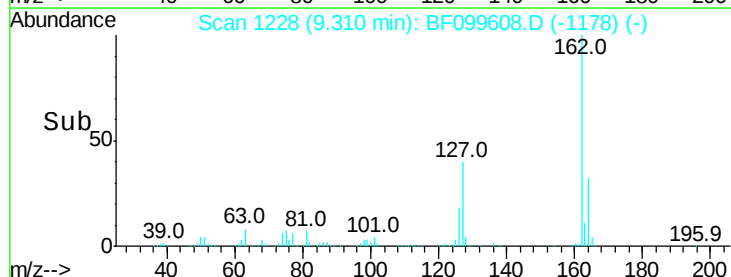


#46
 2-Chloronaphthalene
 Concen: 40.203 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion:162 Resp: 499060
 Ion Ratio Lower Upper
 162 100
 127 40.4 33.9 50.9
 164 32.5 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

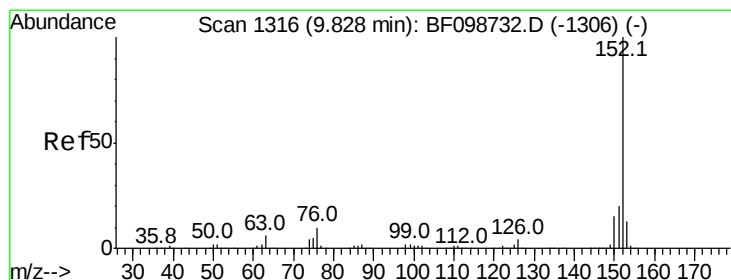
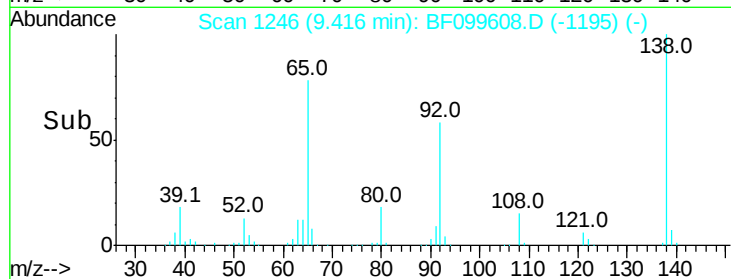
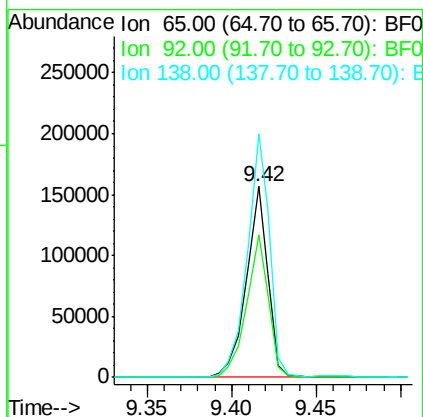
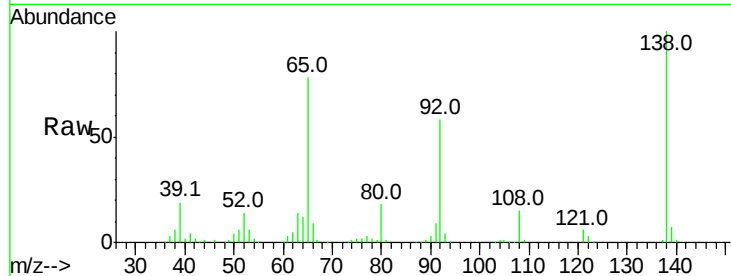




#47
 2-Nitroaniline
 Concen: 36.977 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

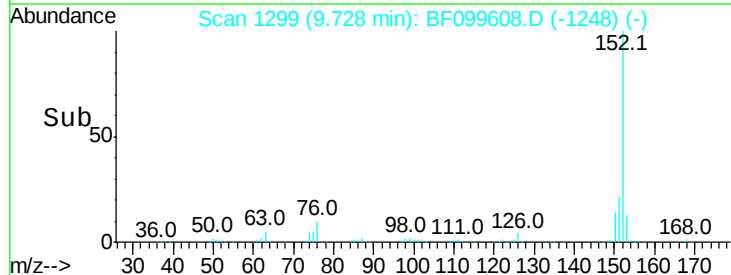
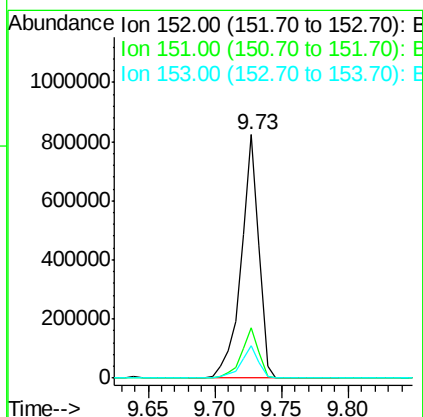
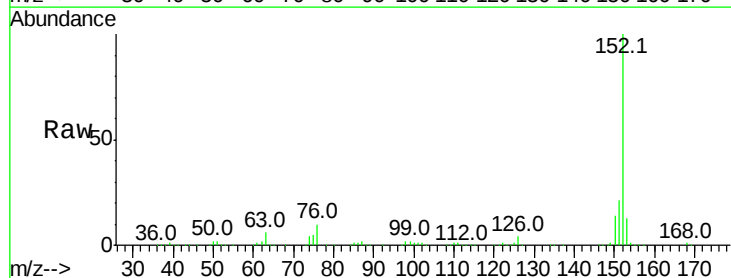
Instrument :
 BNA_F
 ClientSampled :

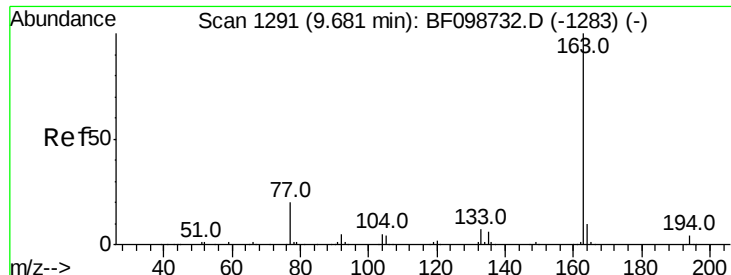
Tot Ion: 65 Resp: 140549
 Ion Ratio Lower Upper
 65 100
 92 74.4 55.8 83.6
 138 127.4 91.2 136.8



#48
 Acenaphthylene
 Concen: 39.549 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion:152 Resp: 751549
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.2 10.7 16.1

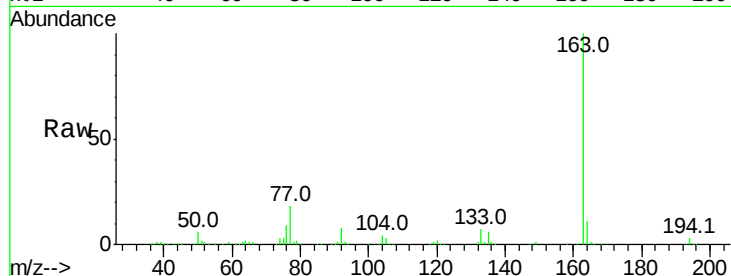




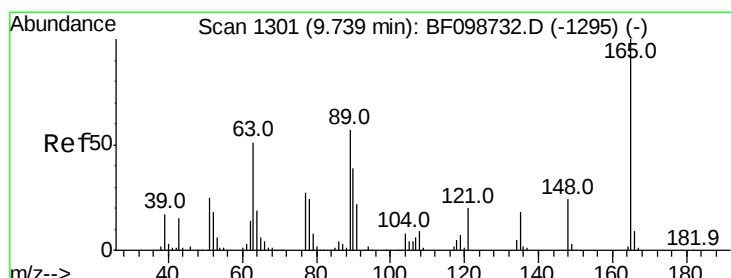
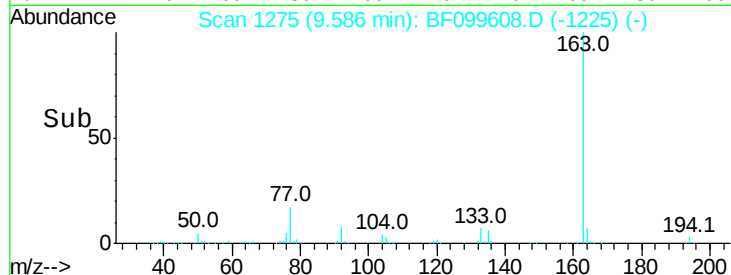
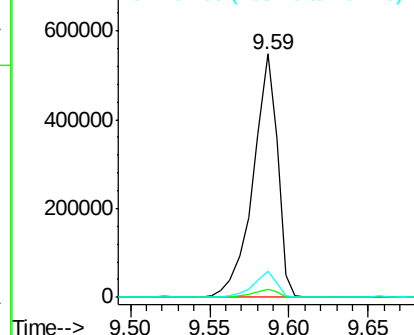
#49
Dimethylphthalate
Concen: 40.184 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 583434
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.6 8.2 12.2

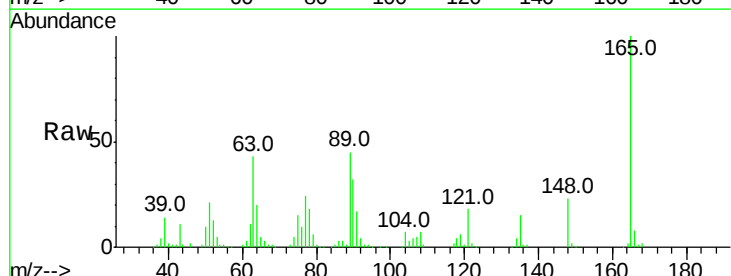


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

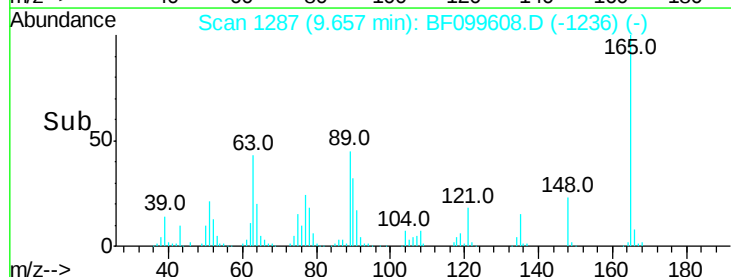
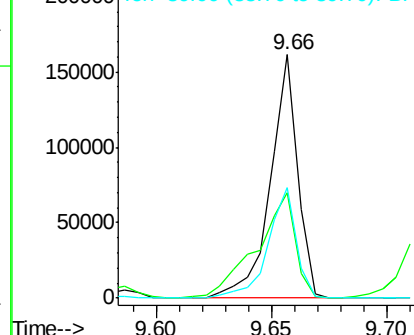


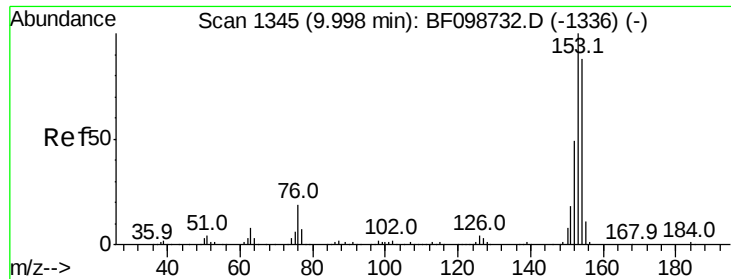
#50
2,6-Dinitrotoluene
Concen: 41.947 ng
RT: 9.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion:165 Resp: 132590
Ion Ratio Lower Upper
165 100
63 43.4 44.7 67.1#
89 45.3 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: 37.157 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

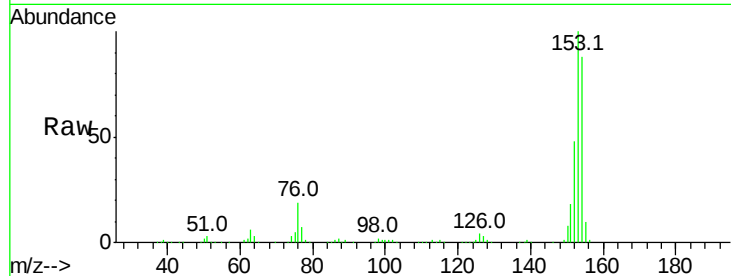
Tot Ion:154 Resp: 447279

Ion Ratio Lower Upper

154 100

153 113.6 91.2 136.8

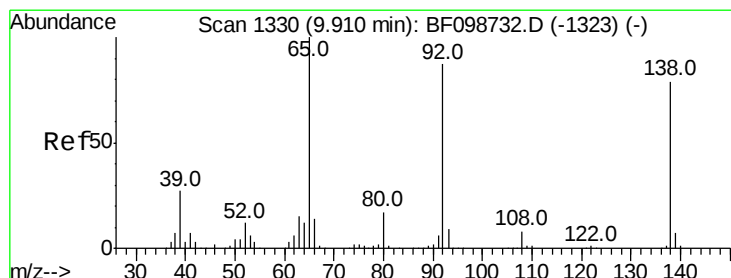
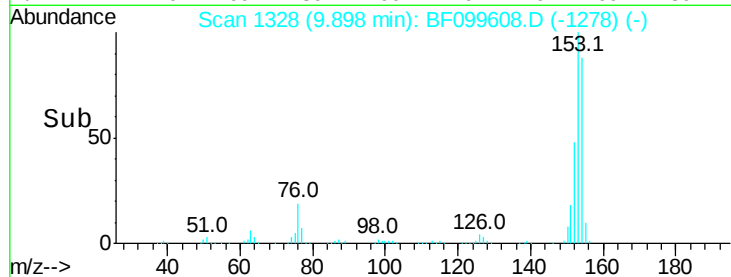
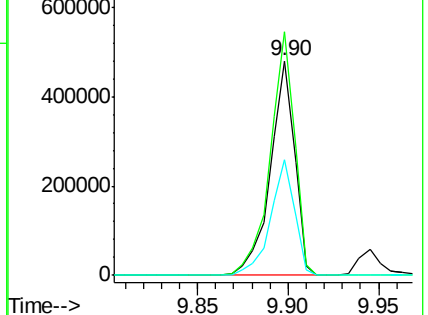
152 54.1 43.8 65.8



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: 28.328 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

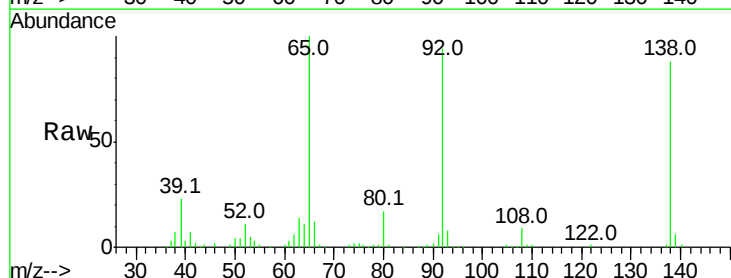
Tgt Ion:138 Resp: 104405

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

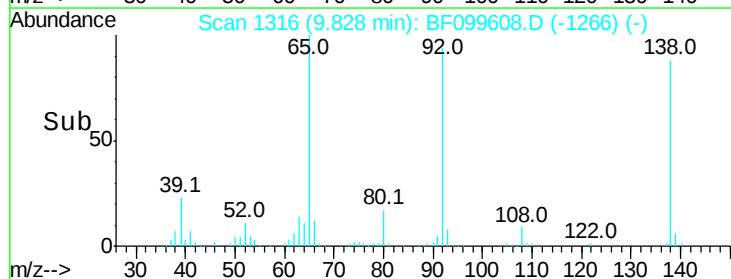
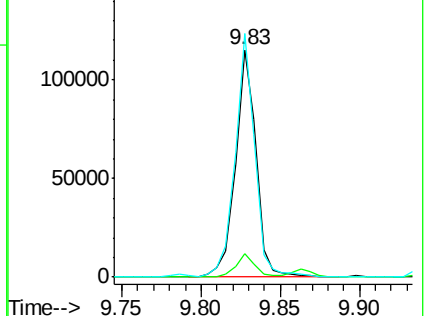
92 107.2 89.4 134.2



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

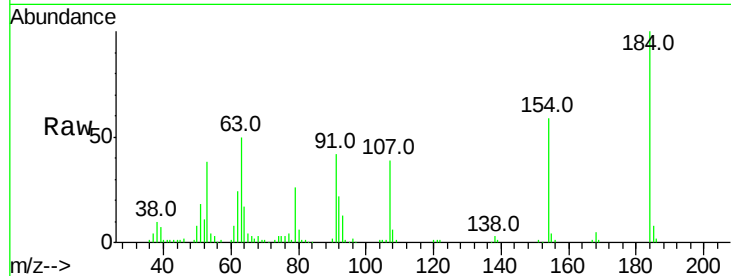




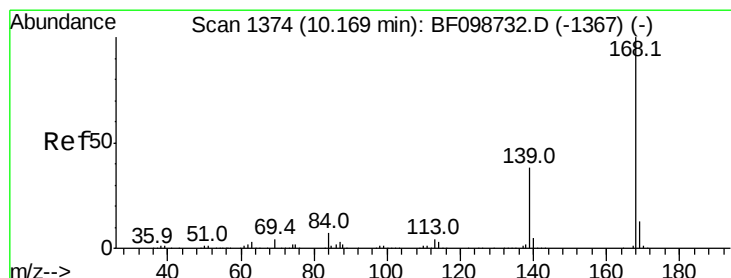
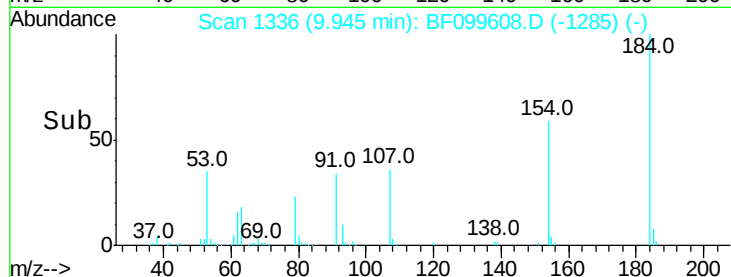
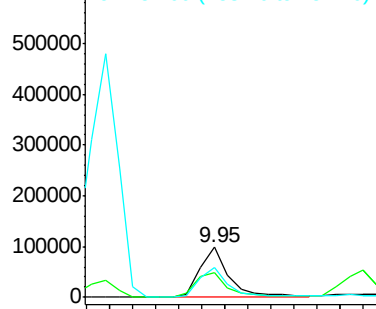
#53
 2,4-Dinitrophenol
 Concen: 56.203 ng
 RT: 9.95 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 89415
 Ion Ratio Lower Upper
 184 100
 63 49.7 54.2 81.2#
 154 58.6 53.5 80.3

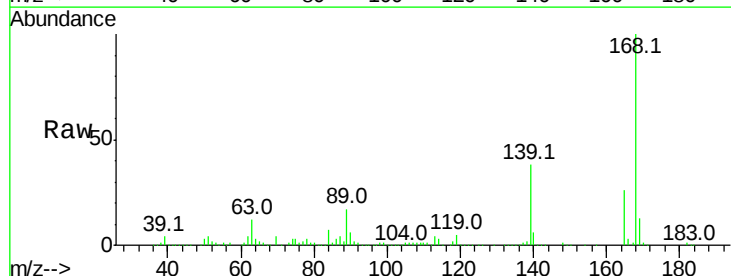


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

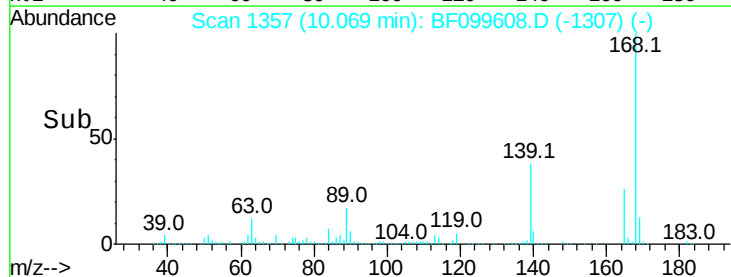
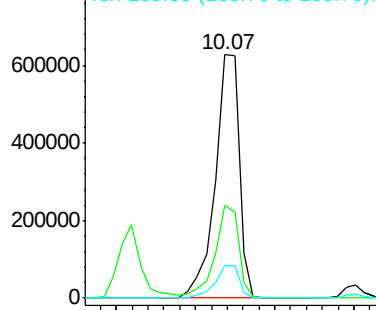


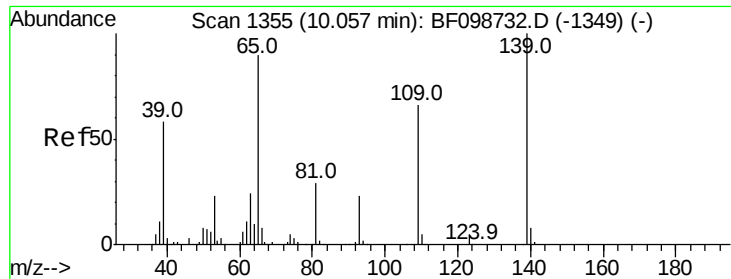
#54
 Dibenzofuran
 Concen: 41.032 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion:168 Resp: 657630
 Ion Ratio Lower Upper
 168 100
 139 38.1 30.1 45.1
 169 13.1 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

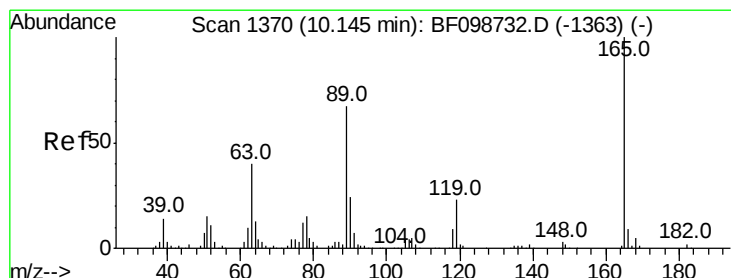
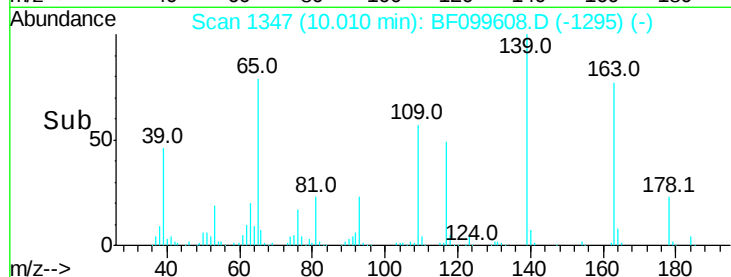
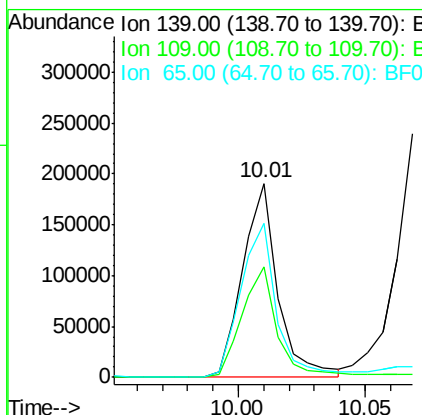
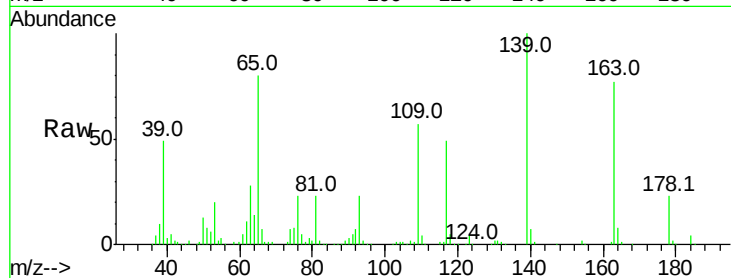




#55
4-Nitrophenol
Concen: 59.198 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

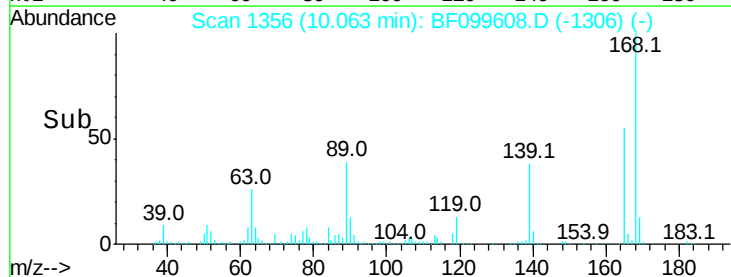
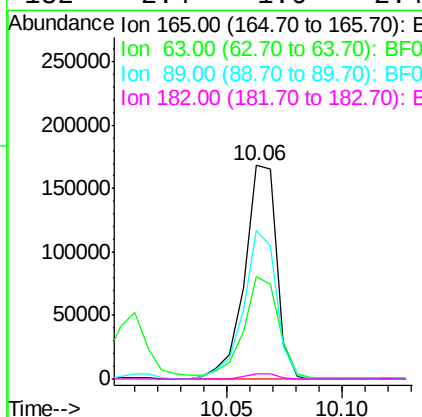
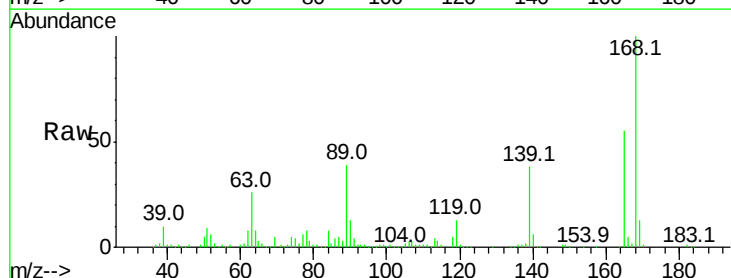
Instrument :
BNA_F
ClientSampleId :

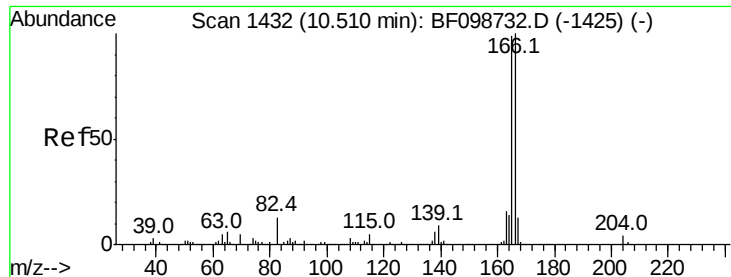
Tot Ion:139 Resp: 184489
Ion Ratio Lower Upper
139 100
109 56.8 48.4 88.4
65 79.7 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 40.009 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion:165 Resp: 164130
Ion Ratio Lower Upper
165 100
63 47.7 36.4 54.6
89 69.4 57.8 86.6
182 2.4 1.6 2.4#





#57

Fluorene

Concen: 41.365 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

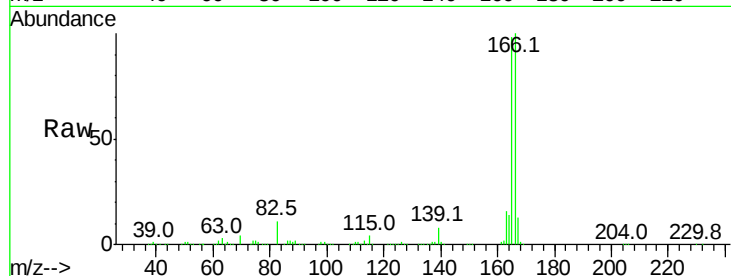
Tot Ion:166 Resp: 532861

Ion Ratio Lower Upper

166 100

165 98.3 79.8 119.8

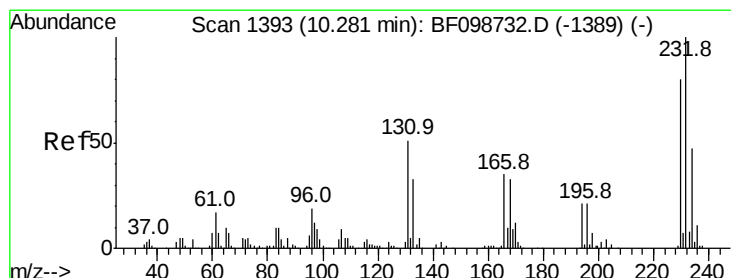
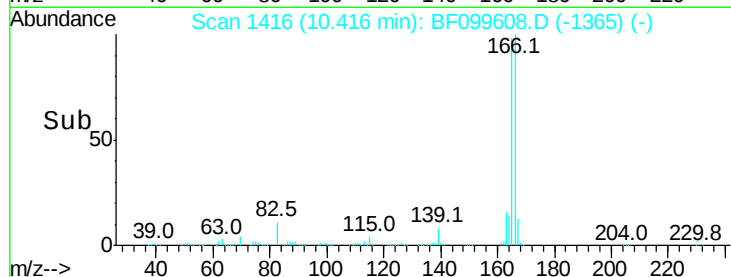
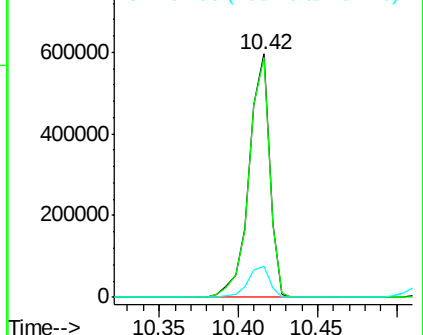
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.411 ng

RT: 10.19 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Tgt Ion:232 Resp: 118863

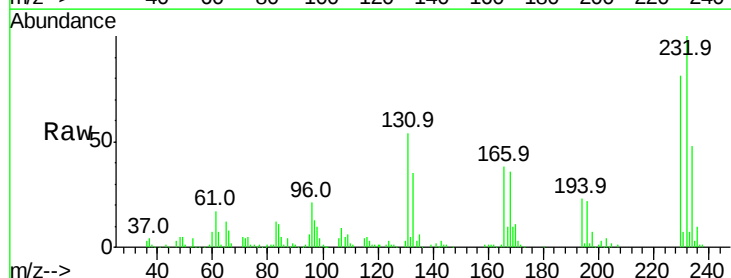
Ion Ratio Lower Upper

232 100

131 50.1 43.8 65.8

130 2.3 2.1 3.1

166 36.0 27.8 41.6

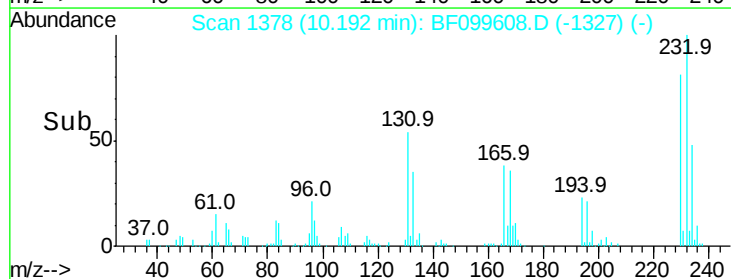
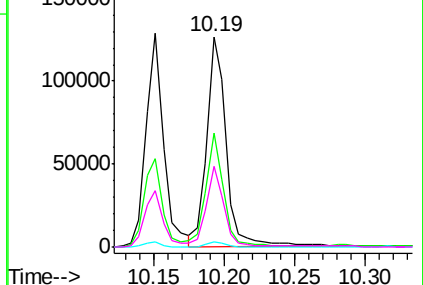


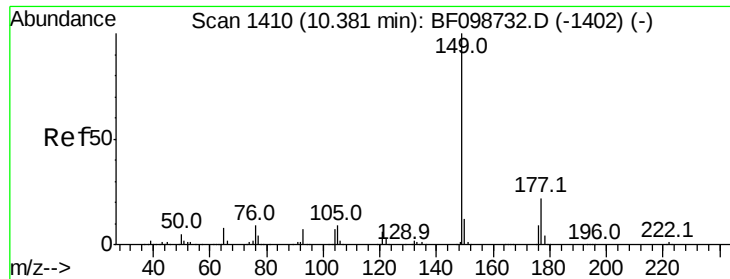
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

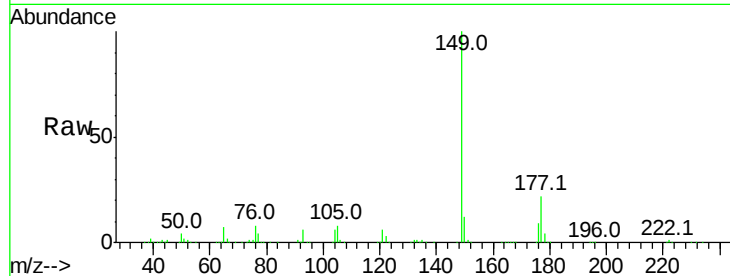




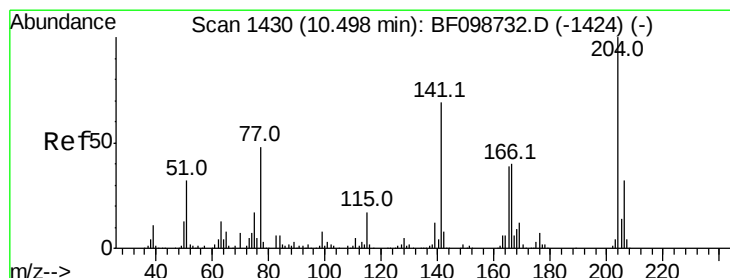
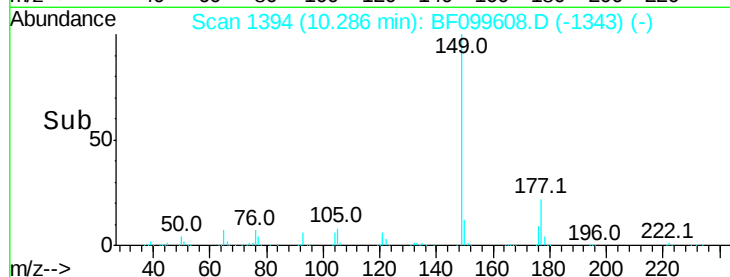
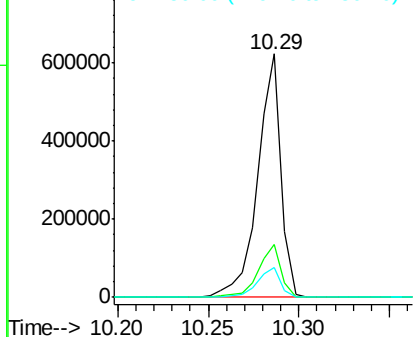
#59
Diethylphthalate
Concen: 38.820 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 550743
Ion Ratio Lower Upper
149 100
177 21.8 16.1 24.1
150 12.0 10.1 15.1

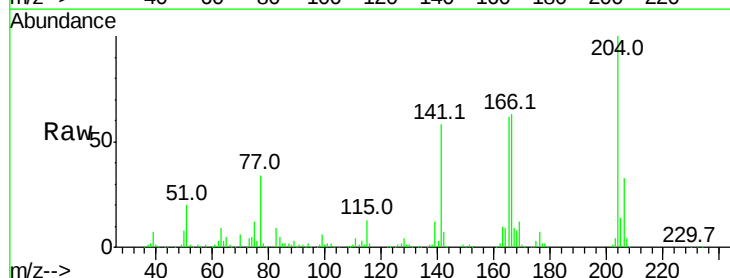


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

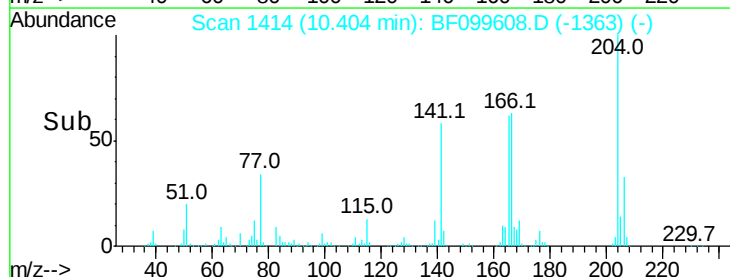
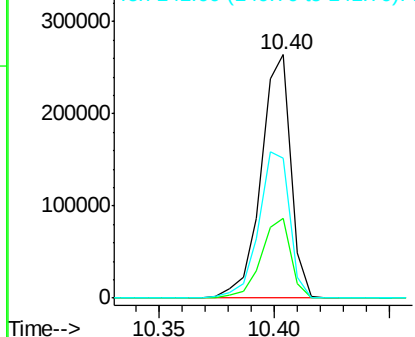


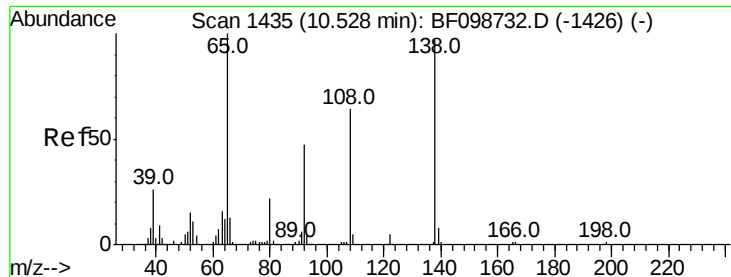
#60
4-Chlorophenyl-phenylether
Concen: 41.172 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion:204 Resp: 238245
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 57.5 54.6 81.8



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

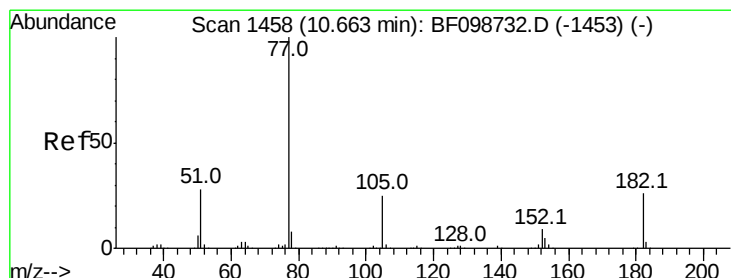
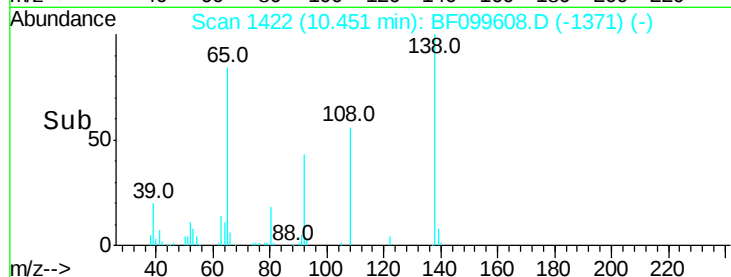
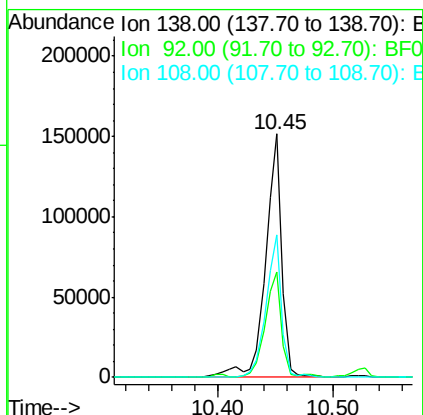
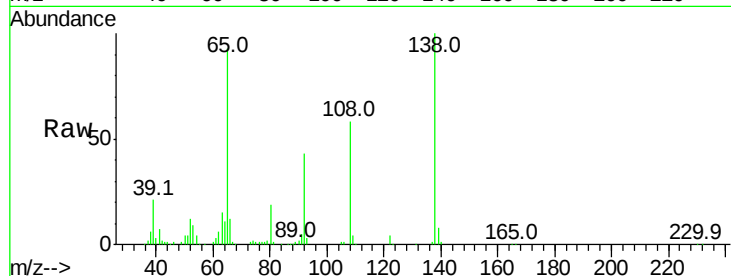




#61
4-Nitroaniline
Concen: 42.712 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

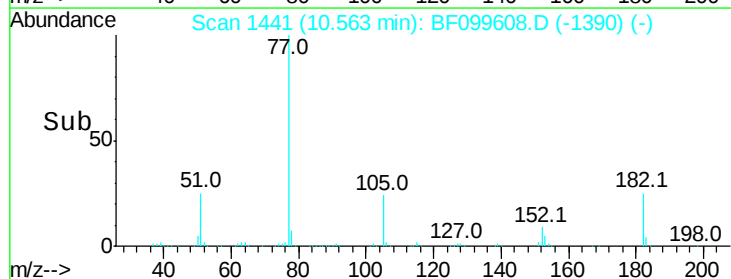
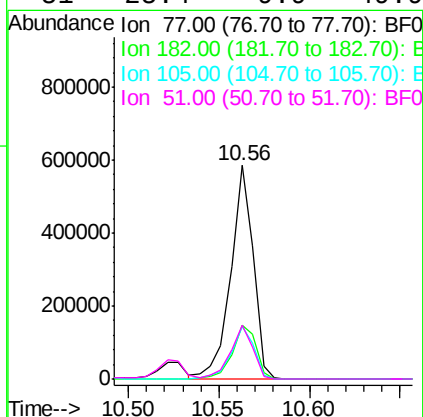
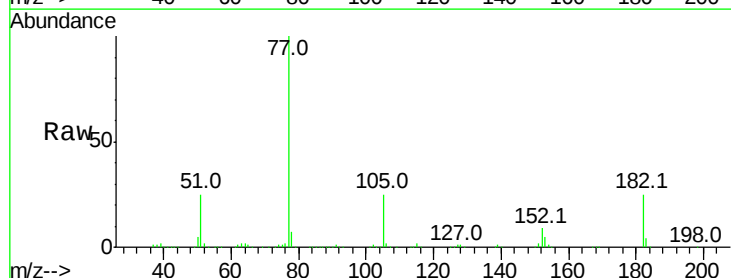
Instrument :
BNA_F
ClientSampleId :

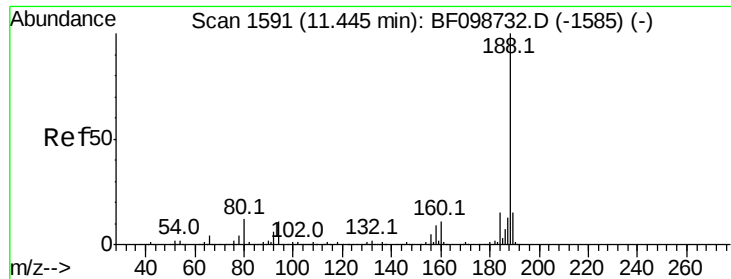
Tot Ion:138 Resp: 151874
Ion Ratio Lower Upper
138 100
92 43.5 30.2 70.2
108 58.5 52.5 92.5



#62
Azobenzene
Concen: 39.074 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion: 77 Resp: 509706
Ion Ratio Lower Upper
77 100
182 25.0 1.7 41.7
105 24.8 3.0 43.0
51 25.4 9.9 49.9

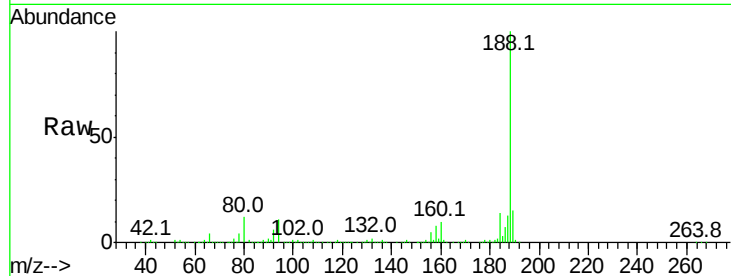




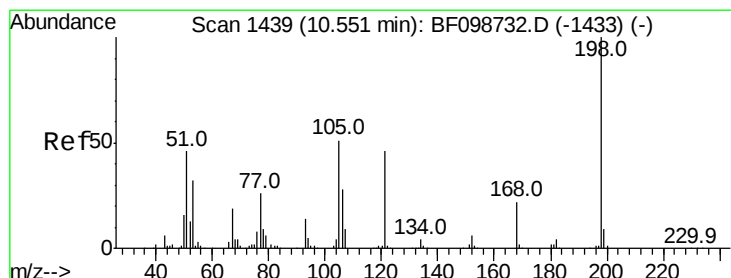
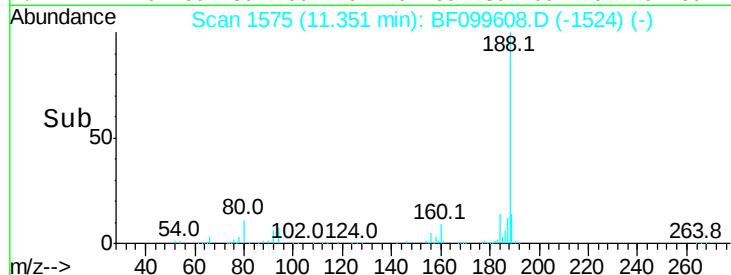
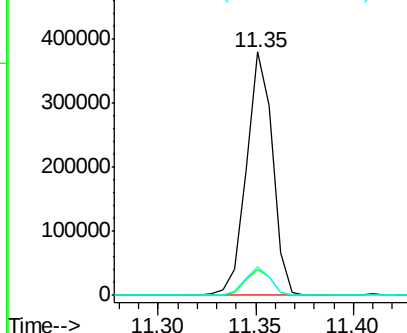
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 352780
Ion Ratio Lower Upper
188 100
94 10.9 8.5 12.7
80 11.6 9.2 13.8

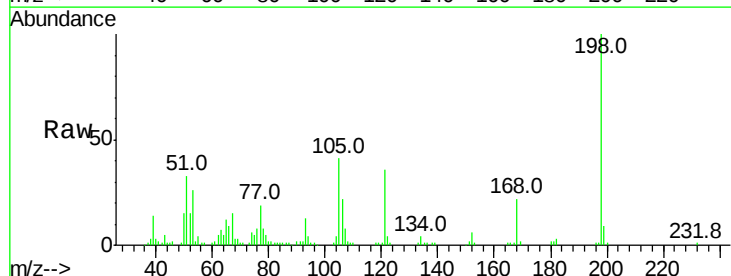


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

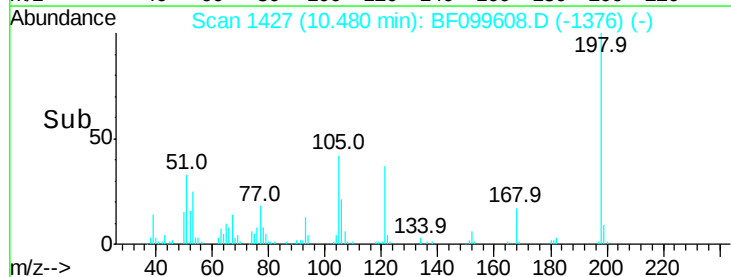
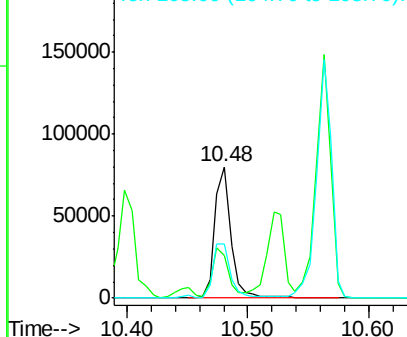


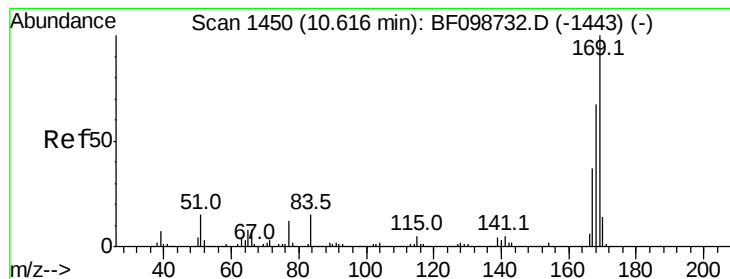
#64
4,6-Dinitro-2-methylphenol
Concen: 34.360 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion:198 Resp: 73750
Ion Ratio Lower Upper
198 100
51 32.6 37.7 77.7#
105 41.4 36.3 76.3



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.484 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

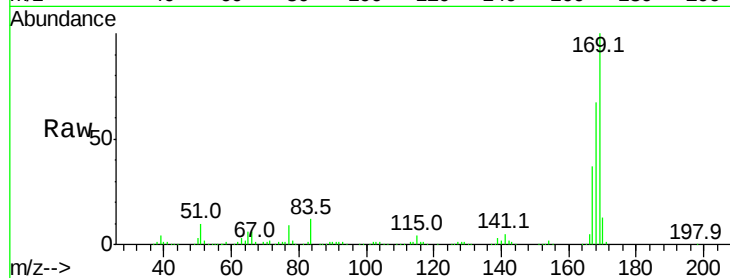
Tot Ion:169 Resp: 482548

Ion Ratio Lower Upper

169 100

168 67.3 54.4 81.6

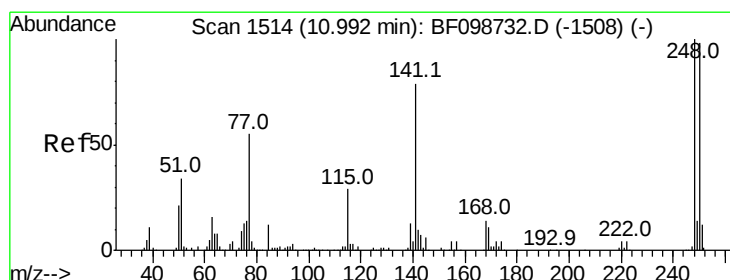
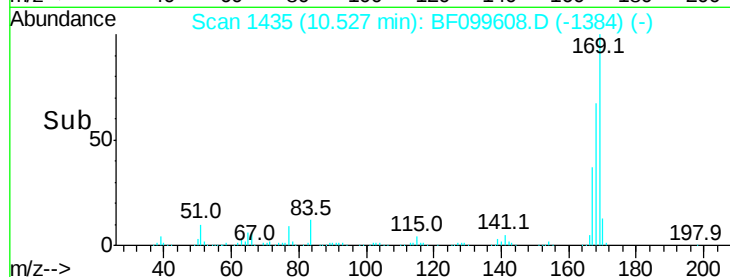
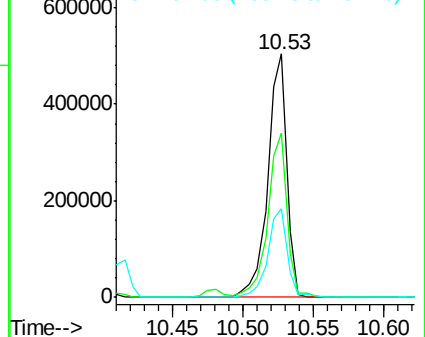
167 36.7 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.761 ng

RT: 10.89 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

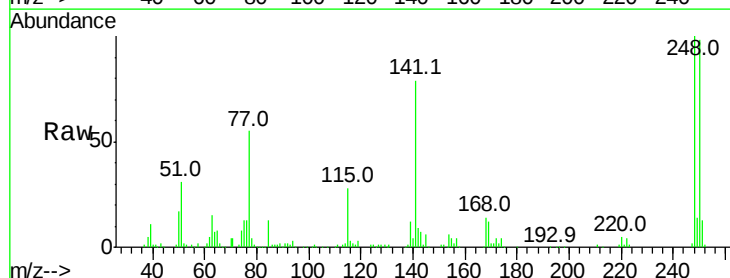
Tgt Ion:248 Resp: 140752

Ion Ratio Lower Upper

248 100

250 97.6 76.9 115.3

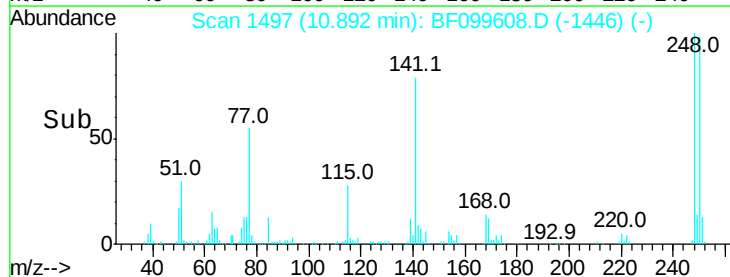
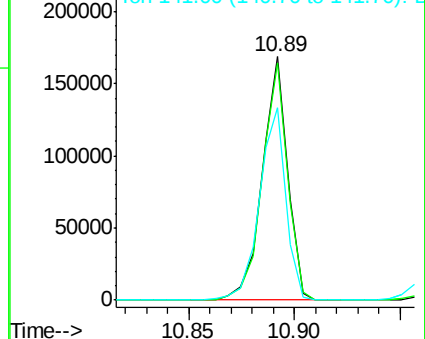
141 79.0 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

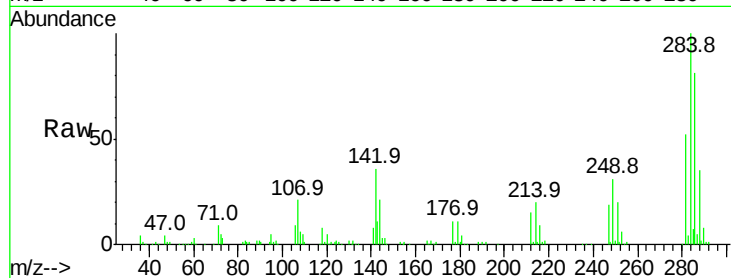




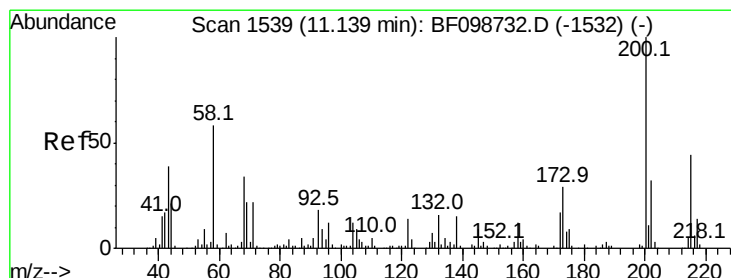
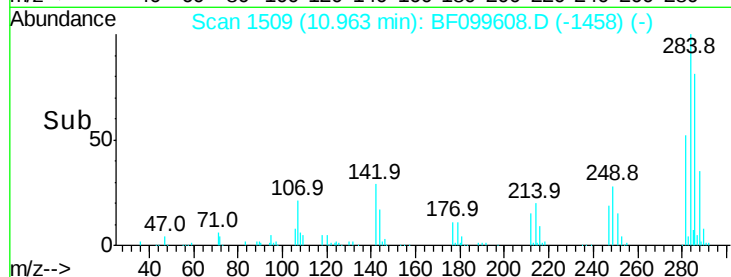
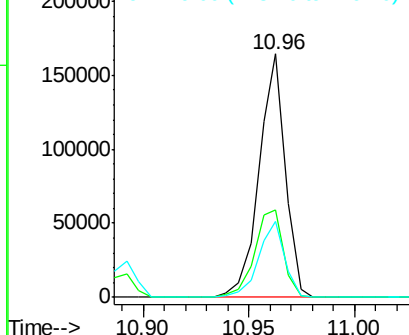
#67
Hexachlorobenzene
Concen: 38.558 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 142206
Ion Ratio Lower Upper
284 100
142 35.8 34.6 52.0
249 31.1 24.8 37.2

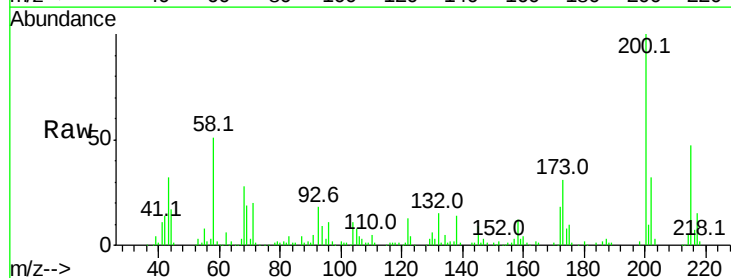


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

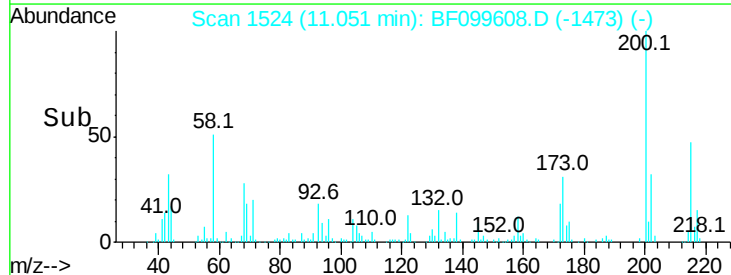
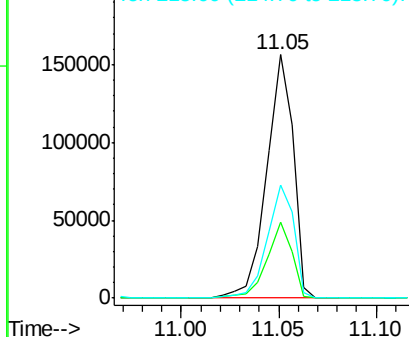


#68
Atrazine
Concen: 39.986 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion:200 Resp: 147031
Ion Ratio Lower Upper
200 100
173 31.2 8.6 48.6
215 46.6 25.1 65.1



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

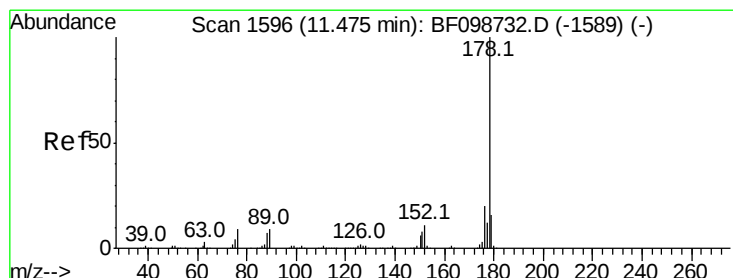
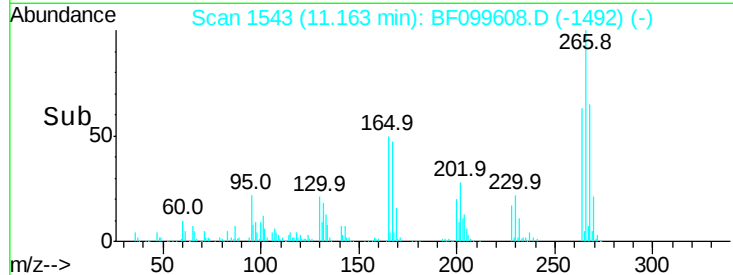
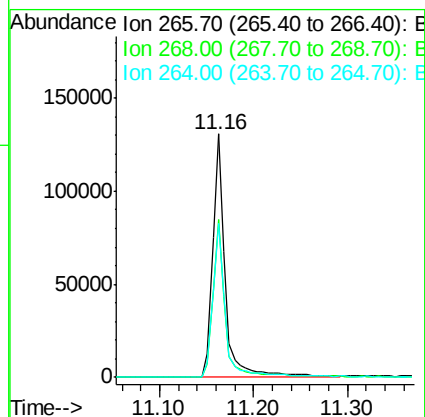
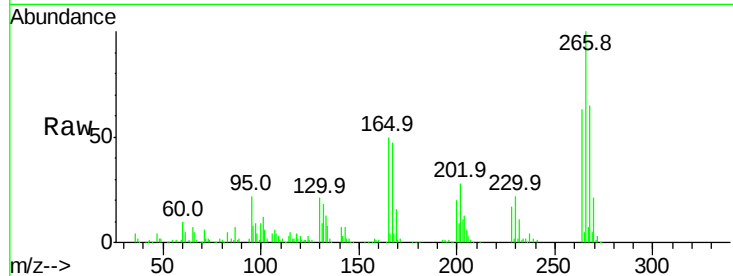




#69
 Pentachlorophenol
 Concen: 54.799 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

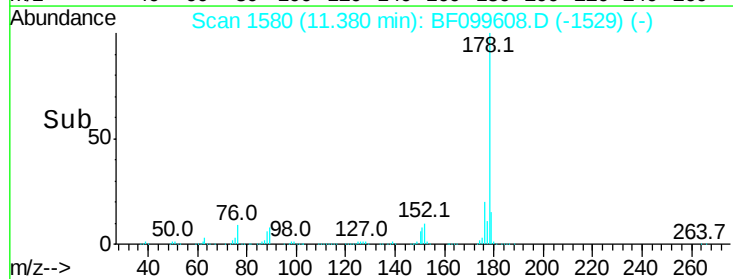
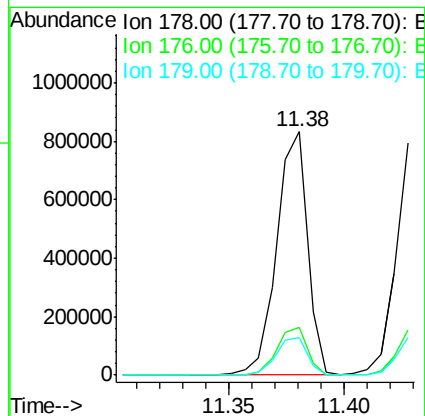
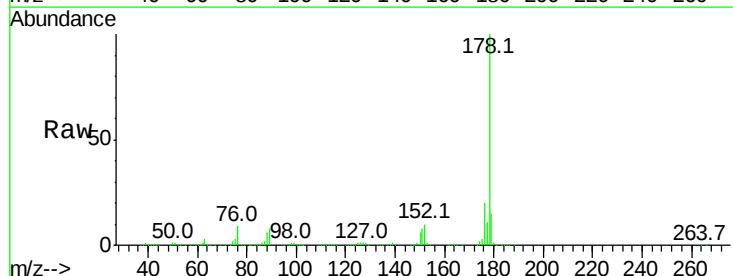
Instrument :
 BNA_F
 ClientSampleId :

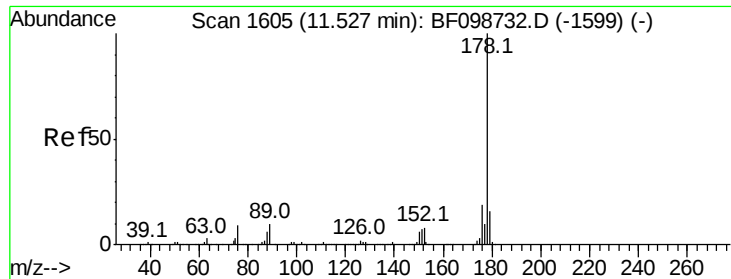
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	63.4	49.5	74.3



#70
 Phenanthrene
 Concen: 40.793 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	13.0	19.6

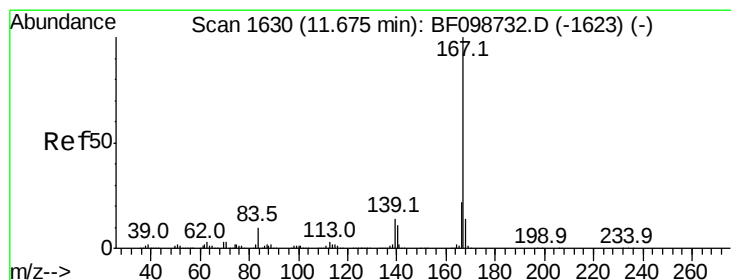
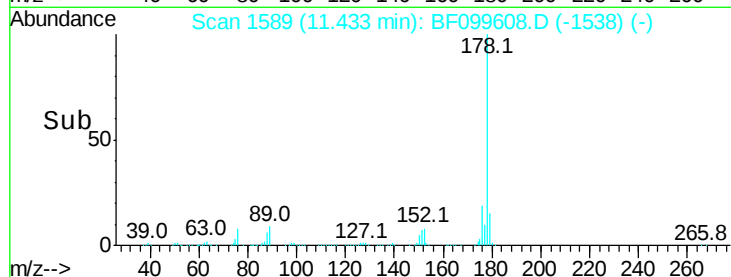
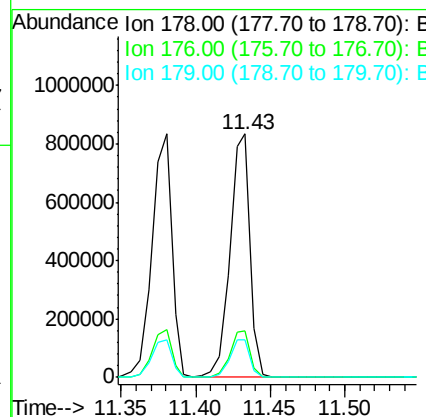
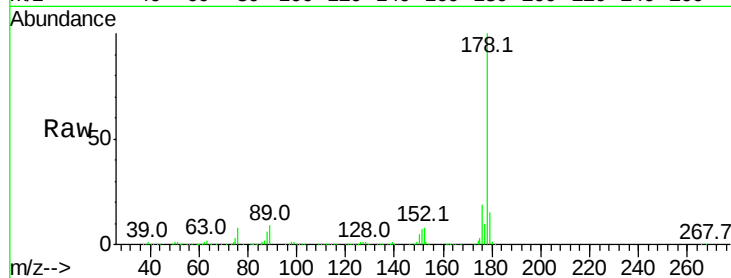




#71
 Anthracene
 Concen: 41.313 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

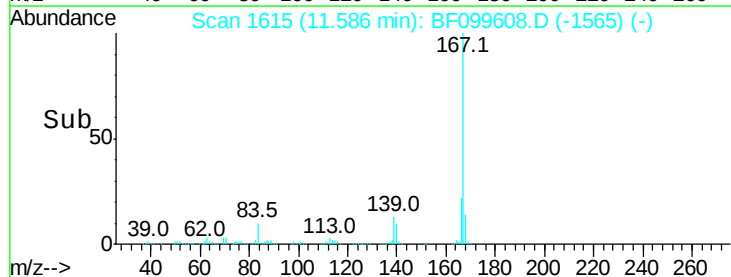
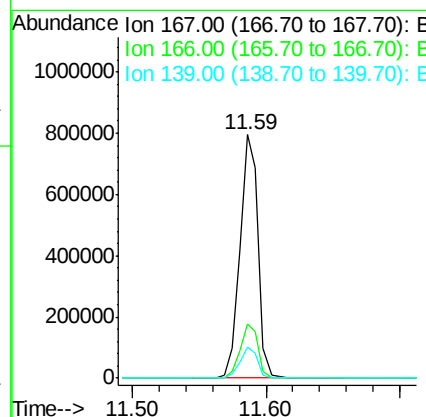
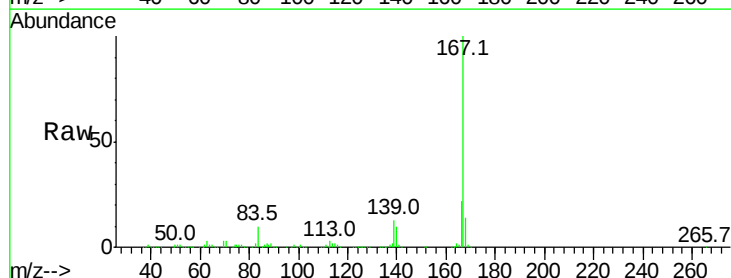
Instrument :
 BNA_F
 ClientSampleId :

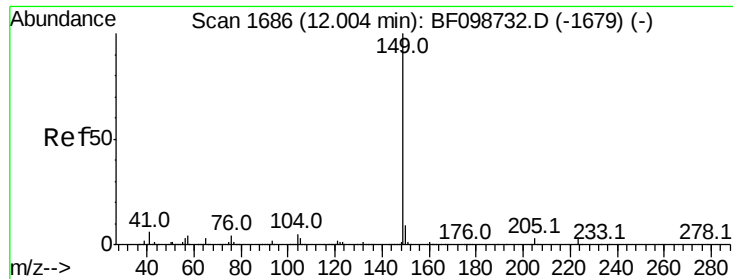
Tot Ion:178 Resp: 798218
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 39.663 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion:167 Resp: 750445
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 12.9 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.885 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

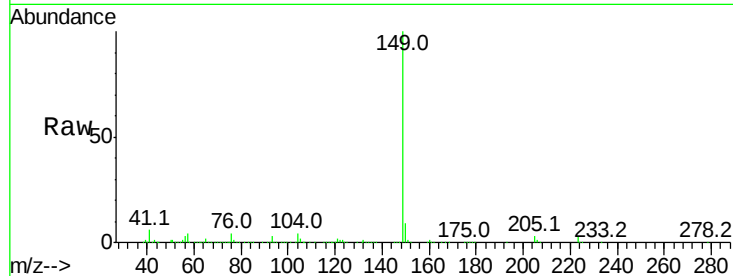
Tot Ion:149 Resp: 885577

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

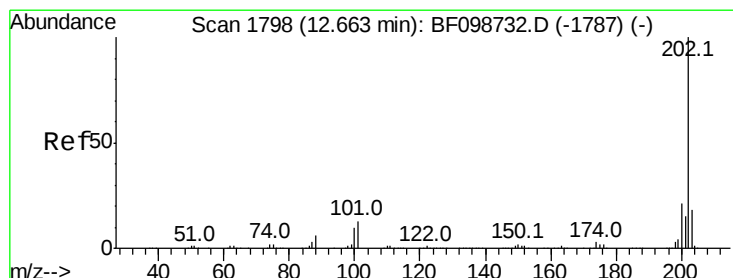
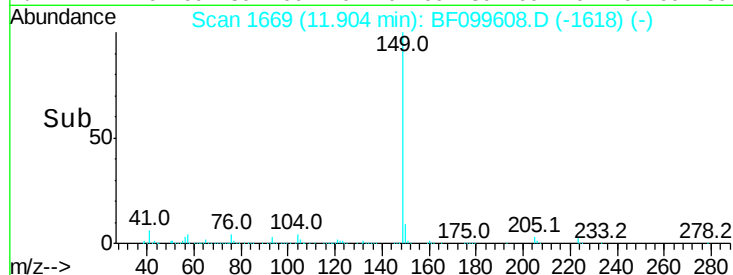
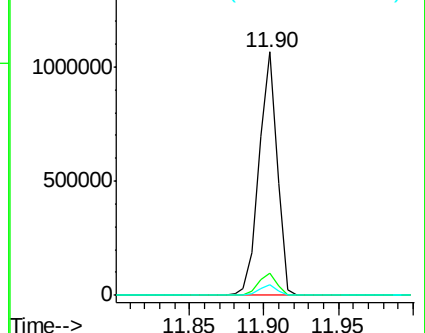
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.308 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

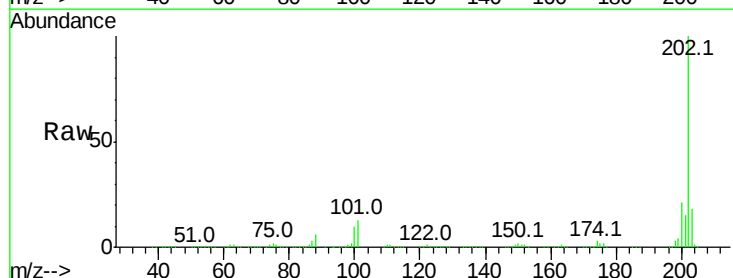
Tgt Ion:202 Resp: 808996

Ion Ratio Lower Upper

202 100

101 12.8 0.0 34.1

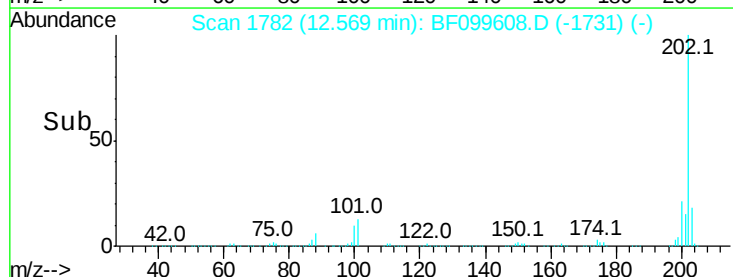
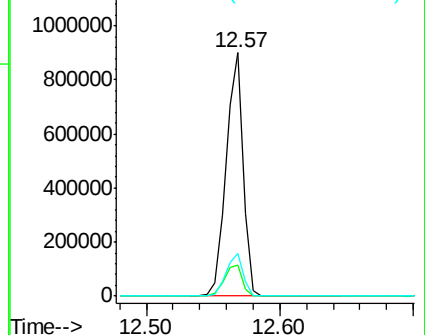
203 17.6 0.0 38.1

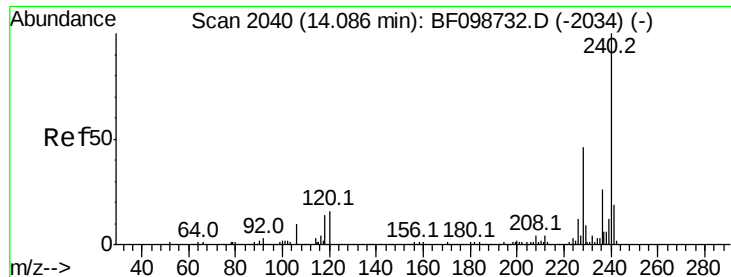


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

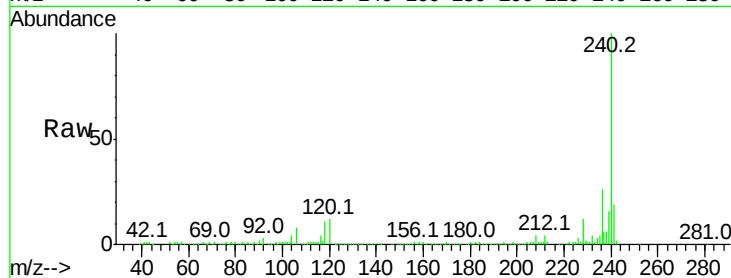
Tot Ion:240 Resp: 262292

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

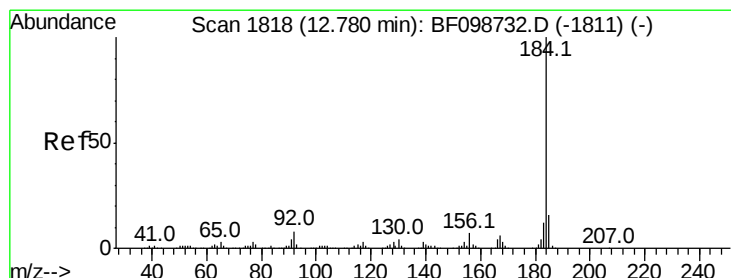
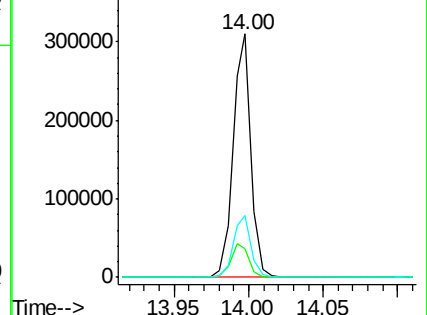
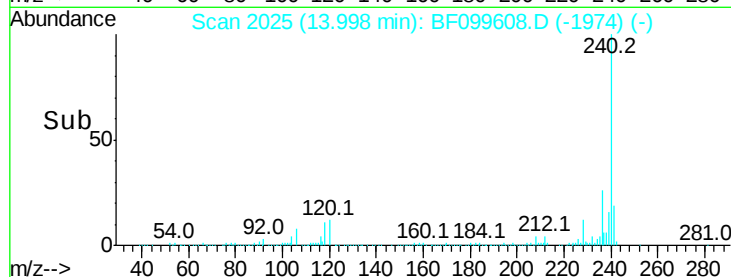
236 25.6 20.7 31.1



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: 27.511 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

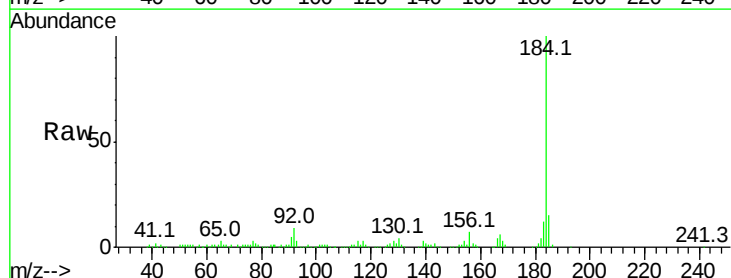
Tgt Ion:184 Resp: 266895

Ion Ratio Lower Upper

184 100

185 14.7 12.6 18.8

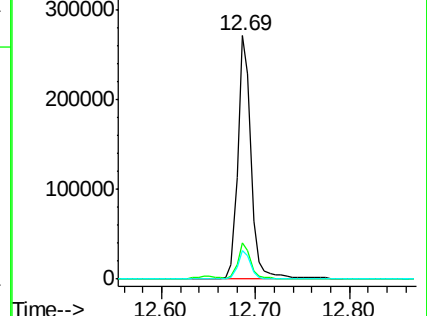
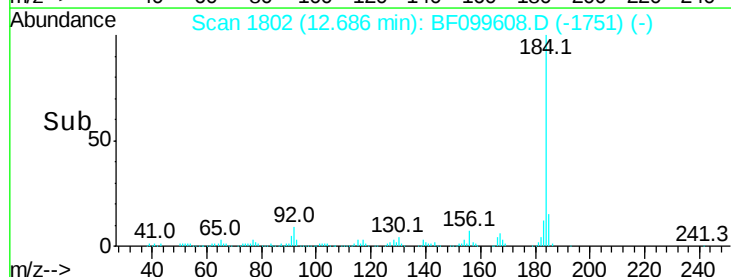
183 11.6 9.3 13.9

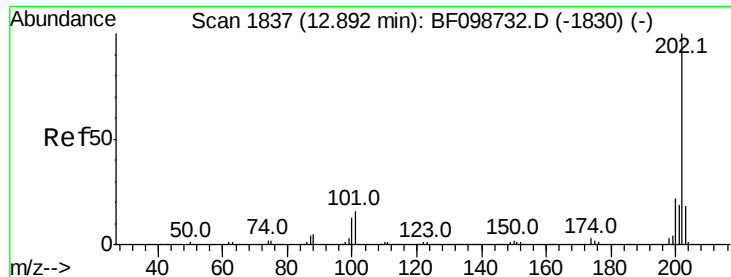


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

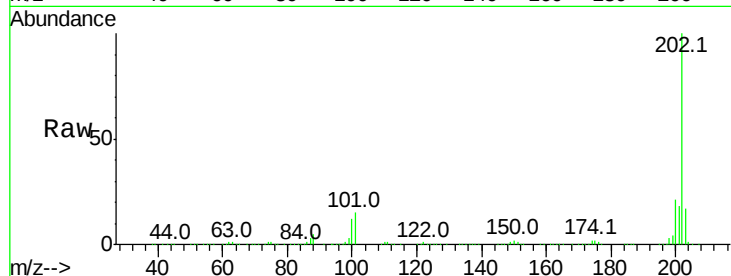




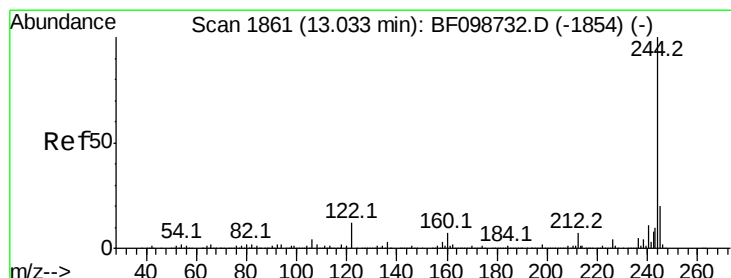
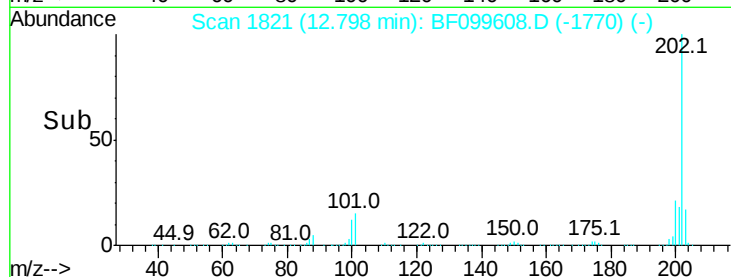
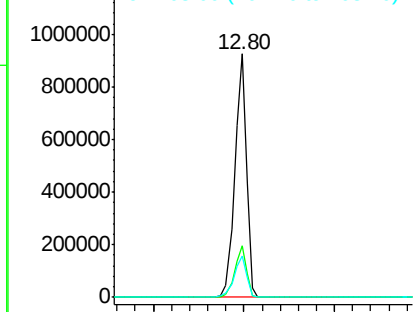
#77
Pvrene
Concen: 41.859 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 837202
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.2 14.3 21.5

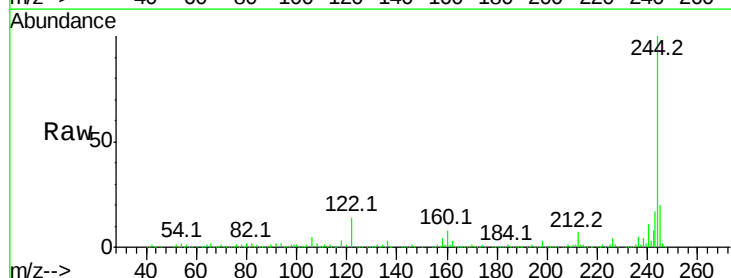


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

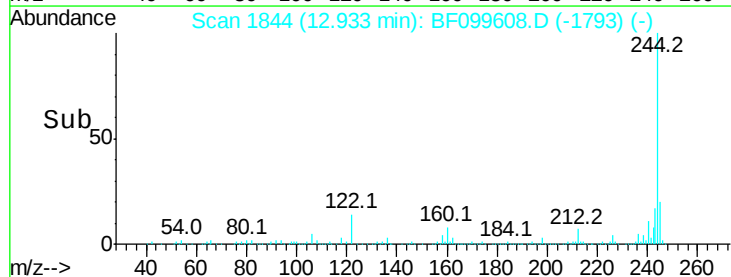
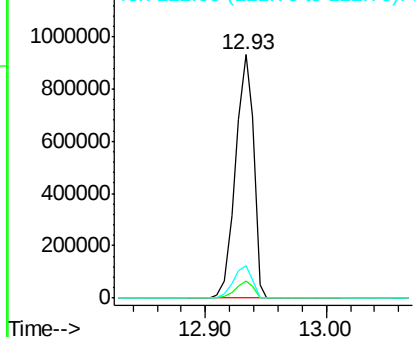


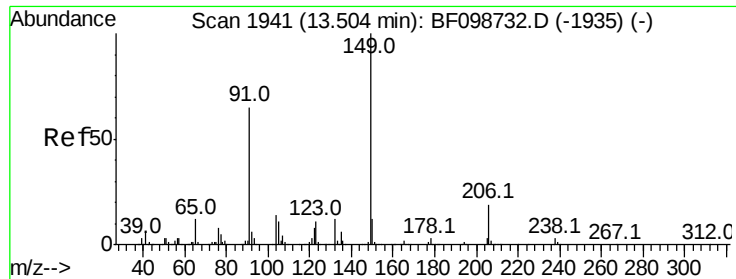
#78
Terphenyl-d14
Concen: 84.766 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion:244 Resp: 977642
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.0
122 13.6 11.0 16.4



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

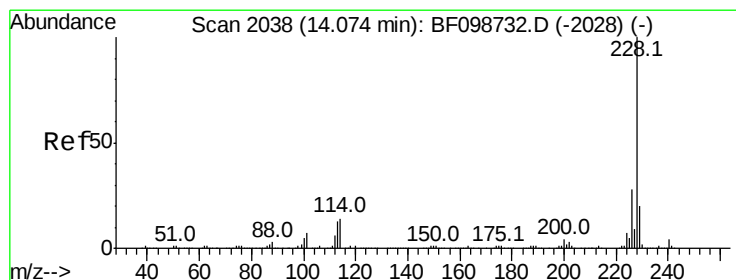
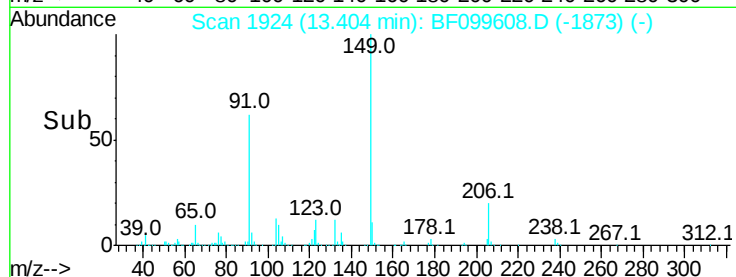
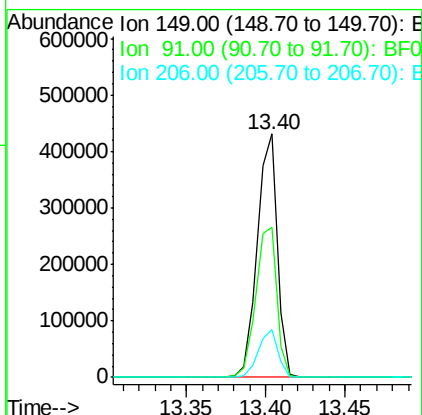
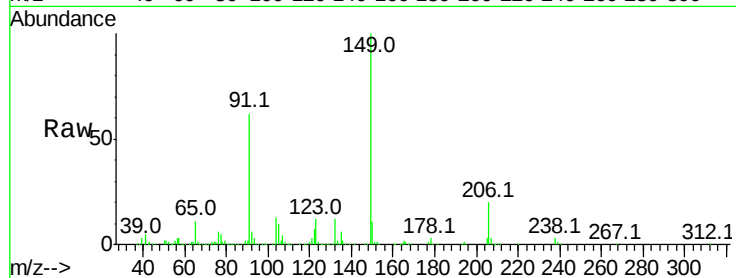




#79
Butylbenzylphthalate
Concen: 40.737 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

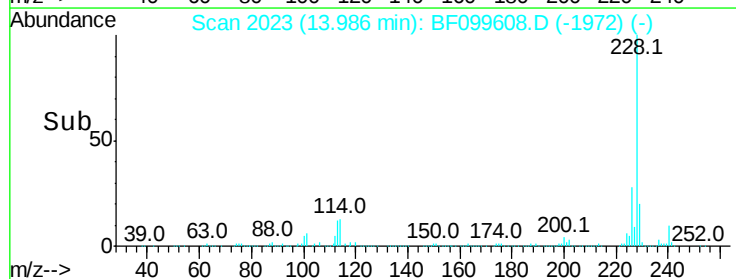
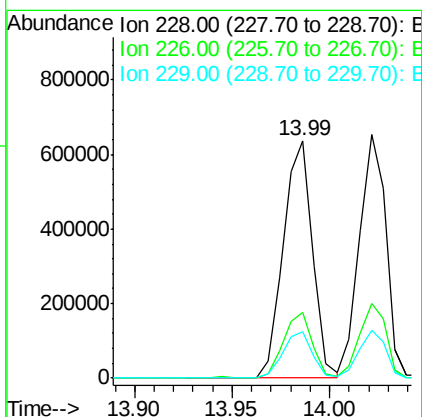
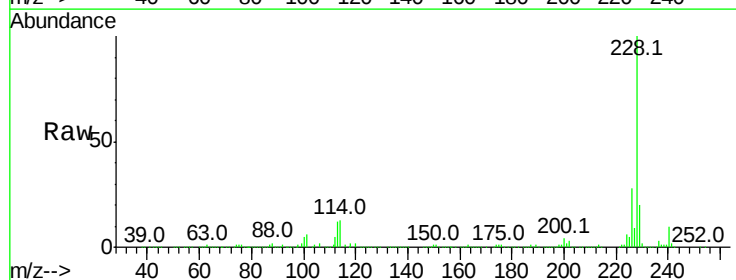
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 382927
Ion Ratio Lower Upper
149 100
91 61.8 56.8 85.2
206 19.9 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.363 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion:228 Resp: 656940
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.7 15.8 23.6

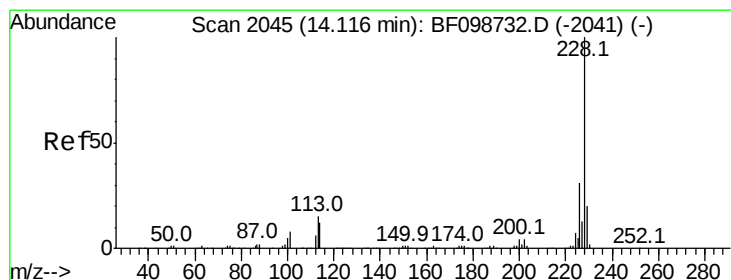
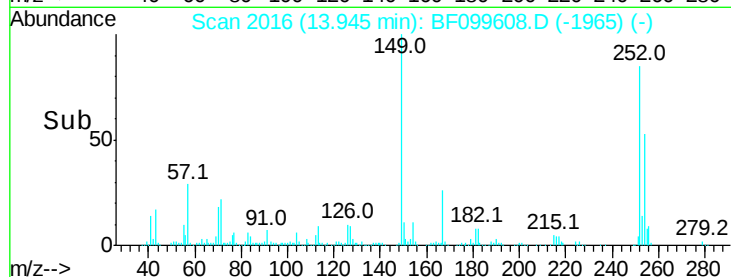
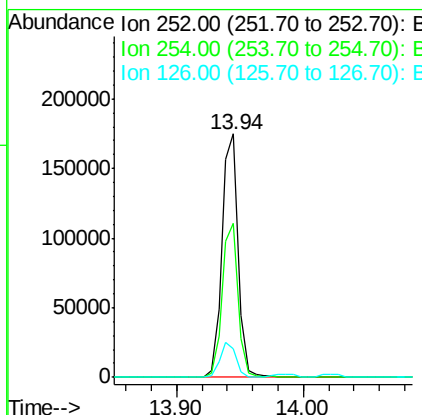
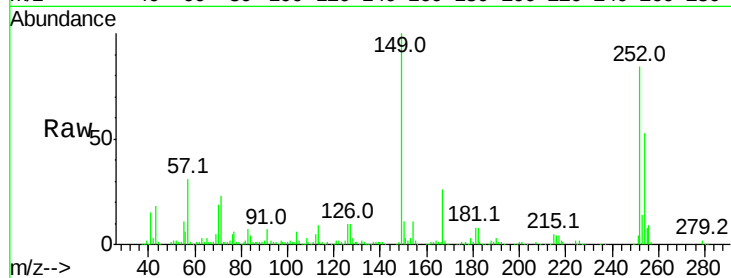




#81
 3,3'-Dichlorobenzidine
 Concen: 26.906 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

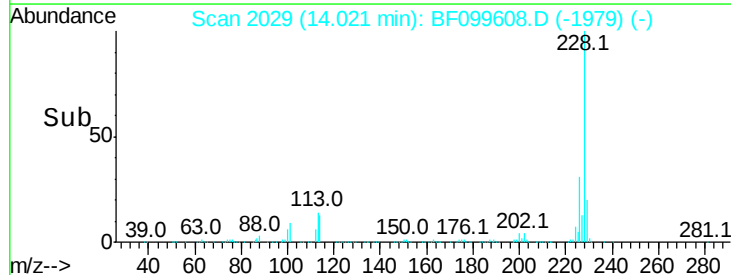
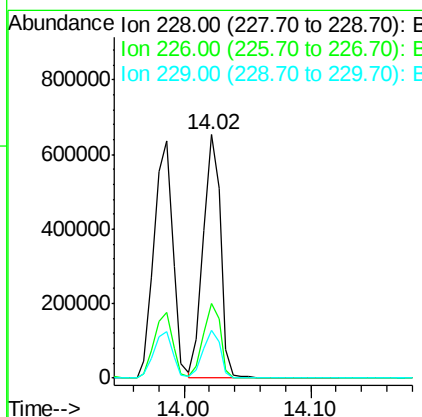
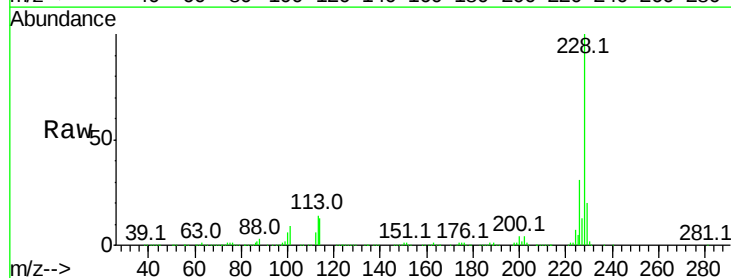
Instrument :
 BNA_F
 ClientSampleId :

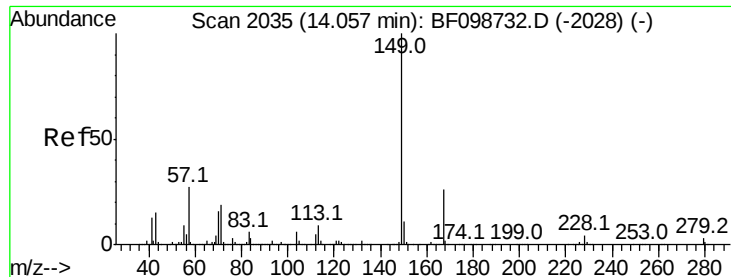
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	50.4	75.6
126	11.6	11.3	16.9



#82
 Chrysene
 Concen: 41.176 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.929 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

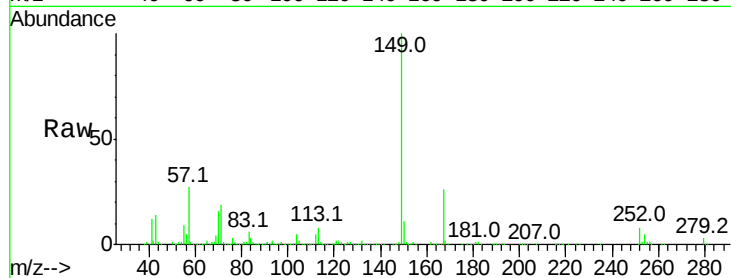
Tot Ion:149 Resp: 490921

Ion Ratio Lower Upper

149 100

167 26.3 21.3 31.9

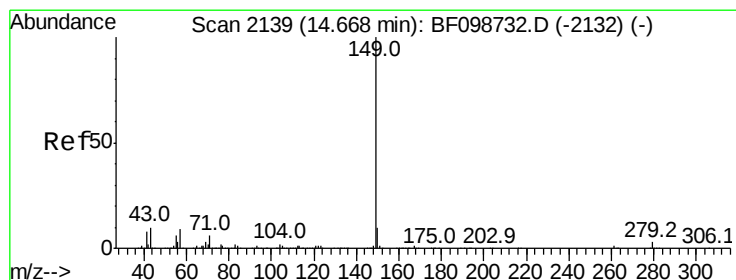
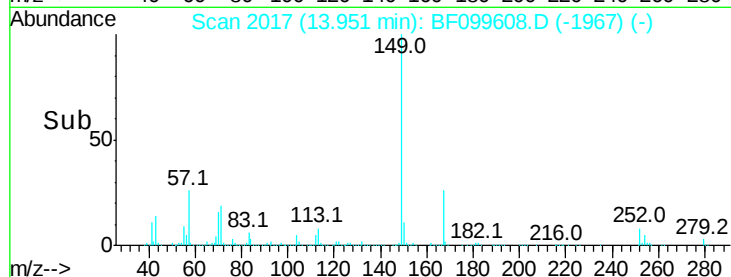
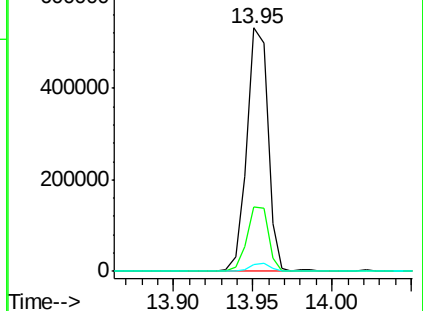
279 2.7 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.002 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

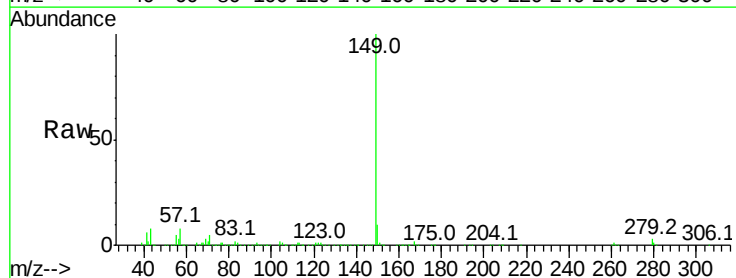
Tgt Ion:149 Resp: 729488

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

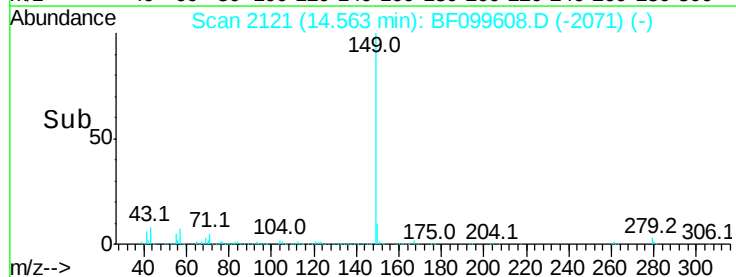
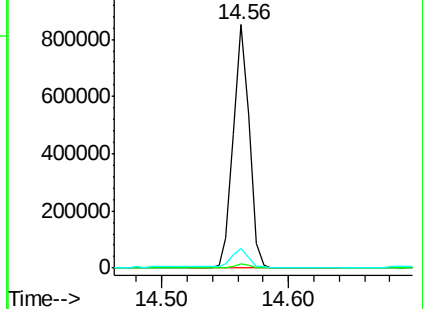
43 7.8 8.4 12.6#

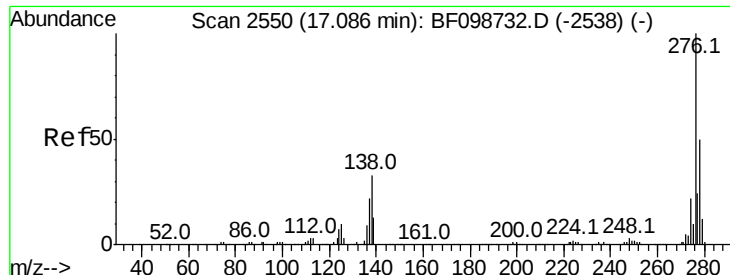


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

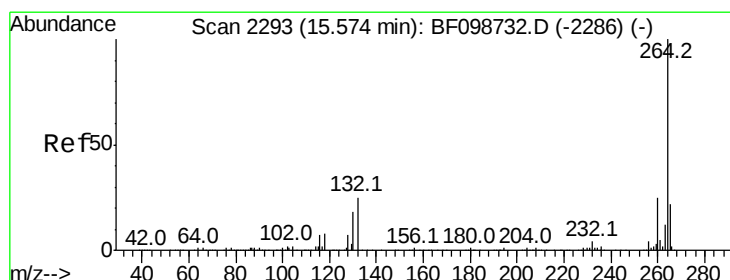
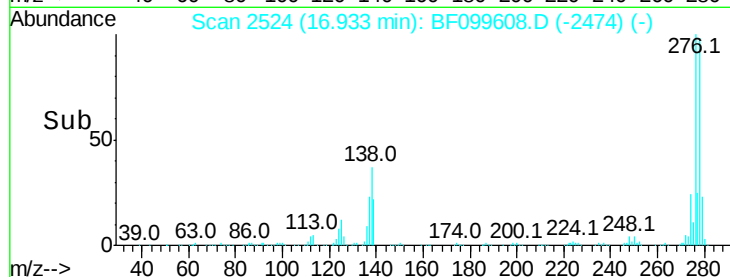
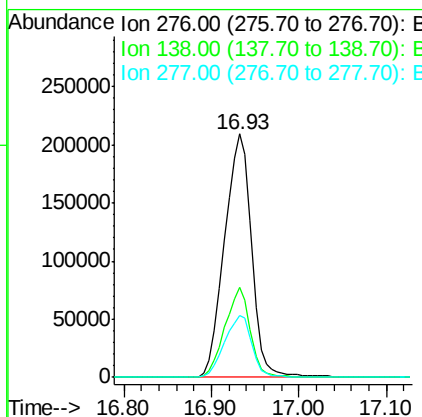
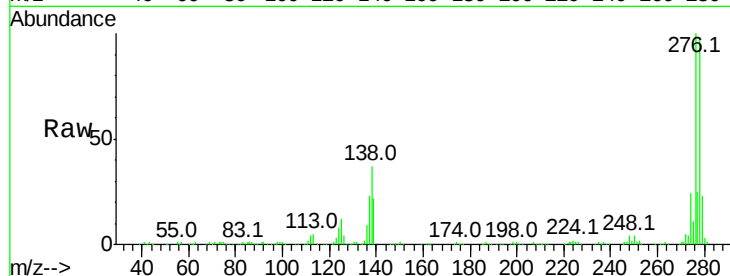




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.750 ng
 RT: 16.93 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

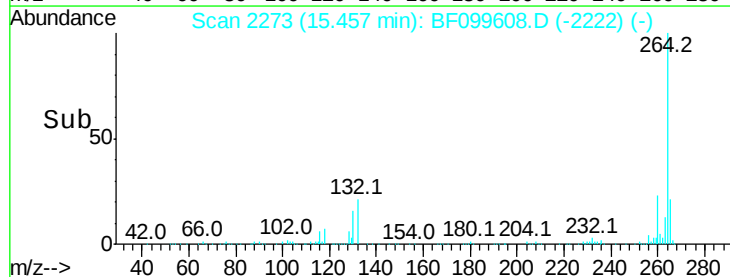
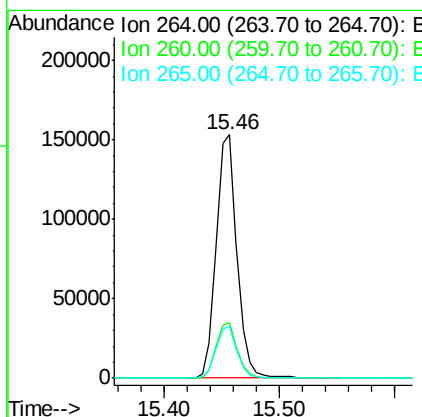
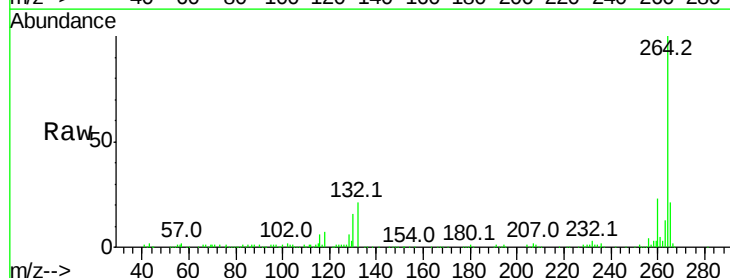
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 444523
 Ion Ratio Lower Upper
 276 100
 138 35.1 25.0 37.6
 277 25.6 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion:264 Resp: 190288
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.2 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 43.402 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampled :

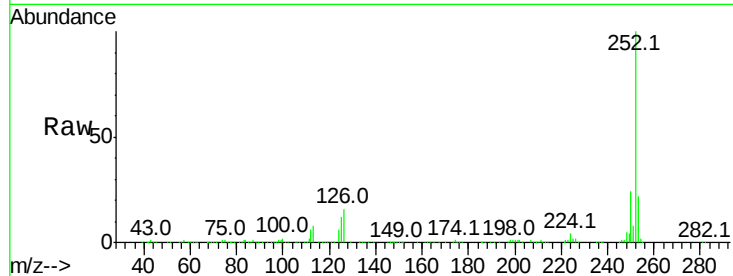
Tot Ion:252 Resp: 507791

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

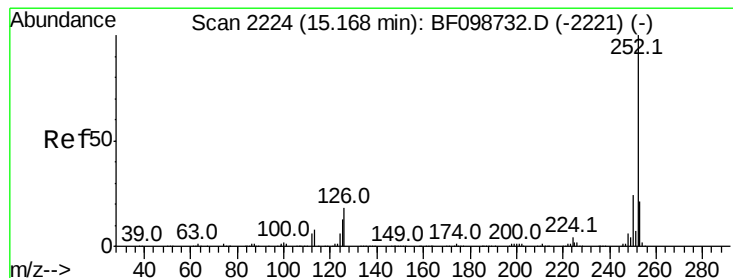
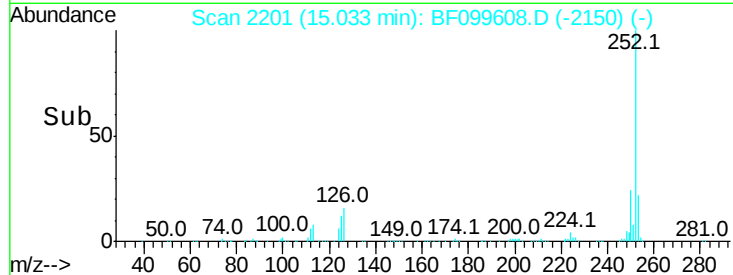
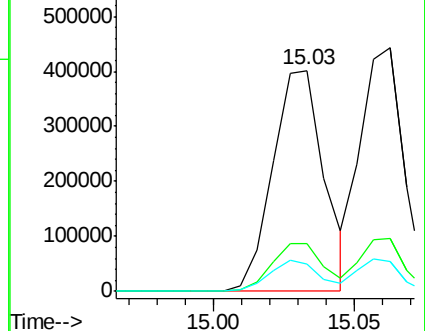
125 12.4 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.533 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

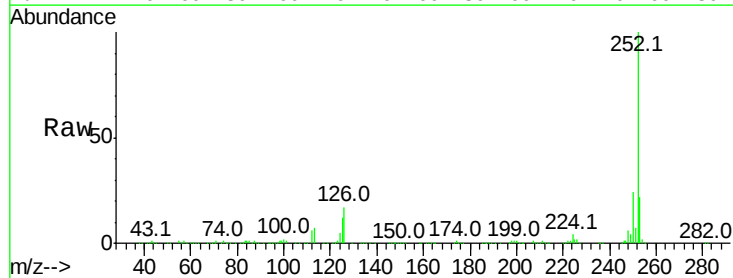
Tgt Ion:252 Resp: 479946

Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

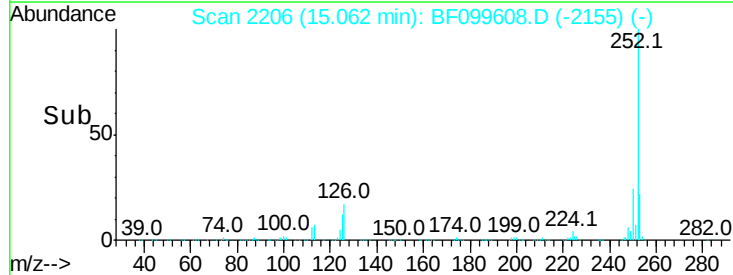
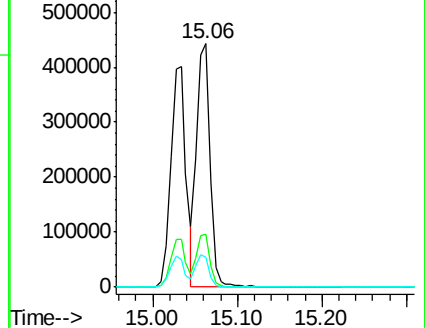
125 12.2 10.2 15.2

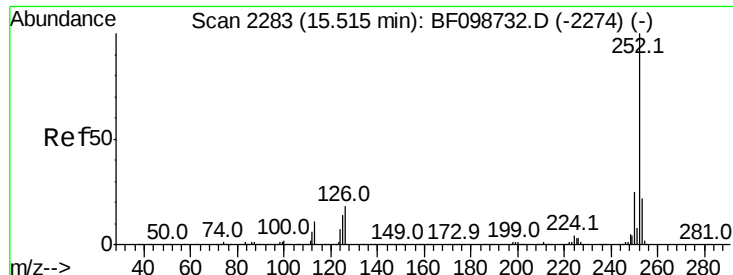


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.423 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

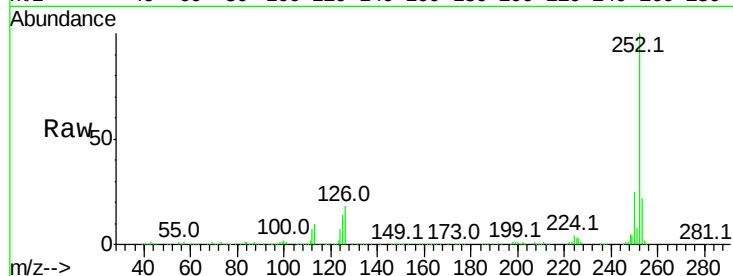
Tot Ion:252 Resp: 455596

Ion Ratio Lower Upper

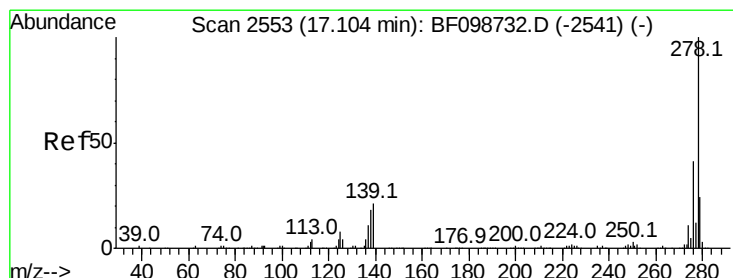
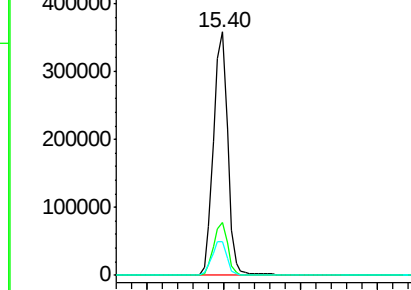
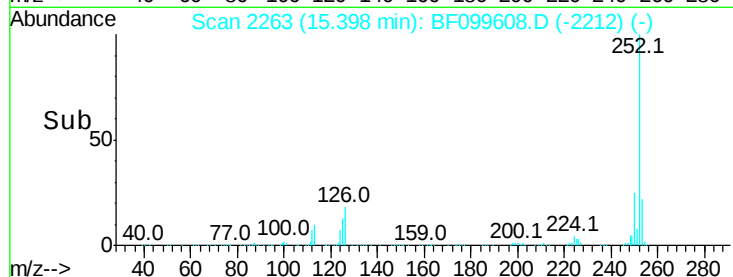
252 100

253 21.6 17.1 25.7

125 13.6 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 43.181 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

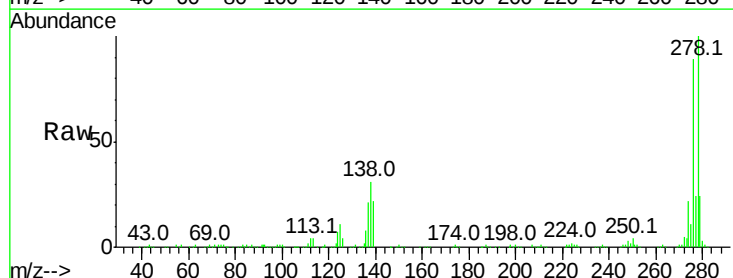
Tgt Ion:278 Resp: 371127

Ion Ratio Lower Upper

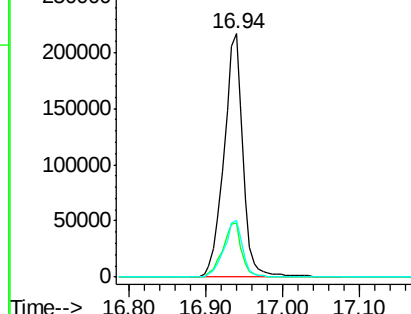
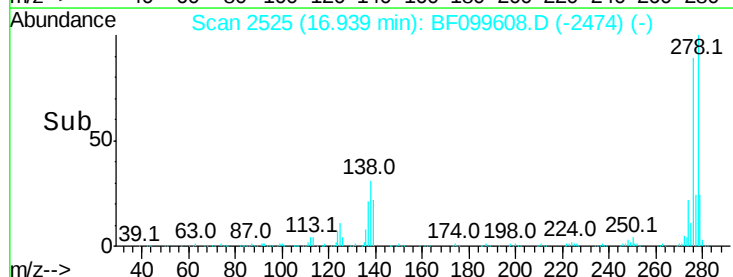
278 100

139 22.3 15.9 23.9

279 23.5 19.0 28.4



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





#91

Benzo(a,h,i)perylene

Concen: 46.239 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleId :

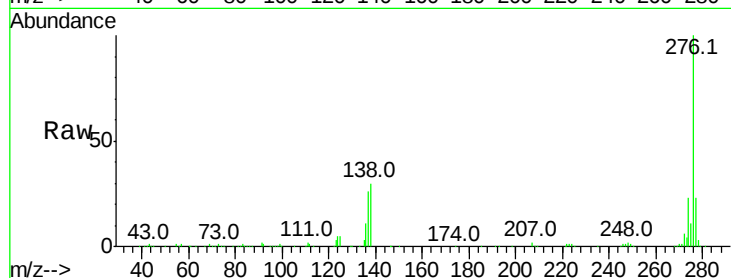
Tot Ion:276 Resp: 392835

Ion Ratio Lower Upper

276 100

277 23.0 17.9 26.9

138 30.1 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

