

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099191.D
 Acq On : 7 Oct 2017 13:46
 Operator : SJ/JU
 Sample : I5604-03MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 08 03:33:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135473	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	563546	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	242976	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	376348	20.00	ng	0.00
75) Chrysene-d12	14.03	240	223125	20.00	ng	0.00
86) Perylene-d12	15.50	264	217188	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	964084	113.29	ng	0.03
7) Phenol-d6	6.51	99	1113999	106.11	ng	0.01
23) Nitrobenzene-d5	7.43	82	751465	85.51	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	227679	114.51	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1329200	91.33	ng	0.00
78) Terphenyl-d14	12.97	244	857599	87.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	152136	37.424	ng	# 83
3) Pyridine	3.59	79	318392	28.952	ng	95
4) n-Nitrosodimethylamine	3.53	42	175874	37.714	ng	84
6) Aniline	6.53	93	188448	13.300	ng	99
8) 2-Chlorophenol	6.66	128	407795	42.314	ng	96
9) Benzaldehyde	6.42	77	50135	8.233	ng	95
10) Phenol	6.52	94	448022	38.159	ng	95
11) bis(2-Chloroethyl)ether	6.61	93	399363	43.753	ng	95
12) 1,3-Dichlorobenzene	6.81	146	438752	43.471	ng	97
13) 1,4-Dichlorobenzene	6.89	146	446686	43.499	ng	97
14) 1,2-Dichlorobenzene	7.04	146	411263	43.343	ng	97
15) Benzyl Alcohol	7.01	79	323419	41.994	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	574617	40.407	ng	95
17) 2-Methylphenol	7.12	107	335412	42.535	ng	98
18) Hexachloroethane	7.37	117	153018	41.456	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	267418	39.897	ng	91
20) 3+4-Methylphenols	7.27	107	388433	38.938	ng	# 79
22) Acetophenone	7.28	105	542787	39.754	ng	# 99
24) Nitrobenzene	7.45	77	421280	42.262	ng	97
25) Isophorone	7.69	82	782348	43.061	ng	98
26) 2-Nitrophenol	7.76	139	234623	48.946	ng	93
27) 2,4-Dimethylphenol	7.80	122	377615	41.713	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	504199	44.532	ng	100
29) 2,4-Dichlorophenol	8.01	162	341665	43.959	ng	95
30) 1,2,4-Trichlorobenzene	8.09	180	350833	45.131	ng	99
31) Naphthalene	8.17	128	1155943	43.674	ng	99
32) Benzoic acid	7.94	122	239939	32.267	ng	98
33) 4-Chloroaniline	8.22	127	88110	7.972	ng	97
34) Hexachlorobutadiene	8.28	225	171538	42.842	ng	100
35) Caprolactam	8.63	113	32392	12.992	ng	90
36) 4-Chloro-3-methylphenol	8.70	107	355670	40.713	ng	95
37) 2-Methylnaphthalene	8.86	142	790872	45.965	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	312154	43.078	ng	99
40) Hexachlorocyclopentadiene	9.01	237	139370	42.086	ng	99

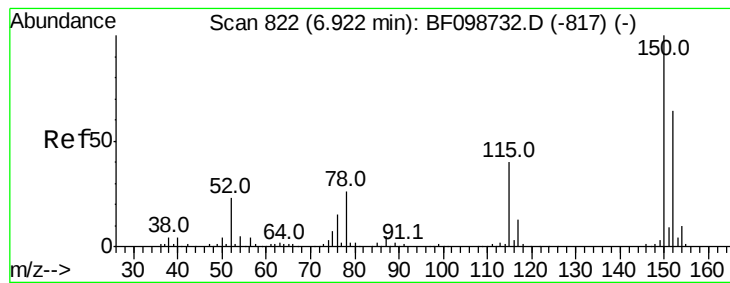
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	221300	43.109	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	230507	44.981	ng	97
45) 1,1'-Biphenyl	9.33	154	904156	43.298	ng	98
46) 2-Chloronaphthalene	9.35	162	711536	45.382	ng	98
47) 2-Nitroaniline	9.45	65	206948	43.106	ng	93
48) Acenaphthylene	9.77	152	1047323	43.635	ng	100
49) Dimethylphthalate	9.63	163	854369	46.589	ng	100
50) 2,6-Dinitrotoluene	9.69	165	186912	46.817	ng	87
51) Acenaphthene	9.94	154	617927	40.643	ng	99
52) 3-Nitroaniline	9.86	138	131221	28.188	ng	88
53) 2,4-Dinitrophenol	9.97	184	91713	46.737	ng	94
54) Dibenzofuran	10.11	168	921899	45.541	ng	99
55) 4-Nitrophenol	10.03	139	263849	67.030	ng	90
56) 2,4-Dinitrotoluene	10.10	165	233461	45.057	ng	92
57) Fluorene	10.45	166	702388	43.169	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	162625	45.940	ng	97
59) Diethylphthalate	10.32	149	789978	44.085	ng	99
60) 4-Chlorophenyl-phenylether	10.44	204	319378	43.697	ng	99
61) 4-Nitroaniline	10.48	138	182964	40.739	ng	89
62) Azobenzene	10.60	77	716010	43.457	ng	93
64) 4,6-Dinitro-2-methylphenol	10.50	198	69017	30.141	ng	86
65) n-Nitrosodiphenylamine	10.56	169	637639	48.907	ng	100
66) 4-Bromophenyl-phenylether	10.93	248	183351	49.772	ng	92
67) Hexachlorobenzene	11.00	284	178189	45.289	ng	99
68) Atrazine	11.09	200	185854	47.379	ng	98
69) Pentachlorophenol	11.20	266	171336	69.971	ng	98
70) Phenanthrene	11.42	178	920511	45.695	ng	99
71) Anthracene	11.47	178	933884	45.308	ng	99
72) Carbazole	11.62	167	848691	42.046	ng	100
73) Di-n-butylphthalate	11.95	149	1145898	47.165	ng	99
74) Fluoranthene	12.60	202	811237	39.769	ng	99
76) Benzidine	12.72	184	42015	5.091	ng	98
77) Pyrene	12.83	202	811774	47.712	ng	99
79) Butylbenzylphthalate	13.44	149	395510	49.462	ng	98
80) Benzo(a)anthracene	14.02	228	632385	46.806	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	171475	34.621	ng	96
82) Chrysene	14.06	228	588480	45.750	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	542128	49.238	ng	# 99
84) Di-n-octyl phthalate	14.61	149	858689	48.434	ng	96
85) Indeno(1,2,3-cd)pyrene	16.99	276	541641	52.640	ng	95
87) Benzo(b)fluoranthene	15.10	252	561311	42.034	ng	98
88) Benzo(k)fluoranthene	15.10	252	561311	42.558	ng	100
89) Benzo(a)pyrene	15.44	252	566910	46.249	ng	98
90) Dibenzo(a,h)anthracene	17.00	278	451003	45.975	ng	97
91) Benzo(g,h,i)perylene	17.44	276	440430	45.420	ng	98

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

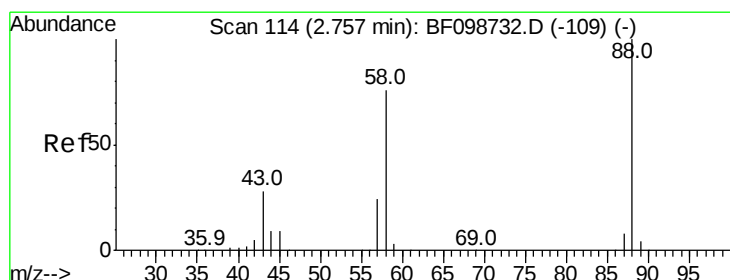
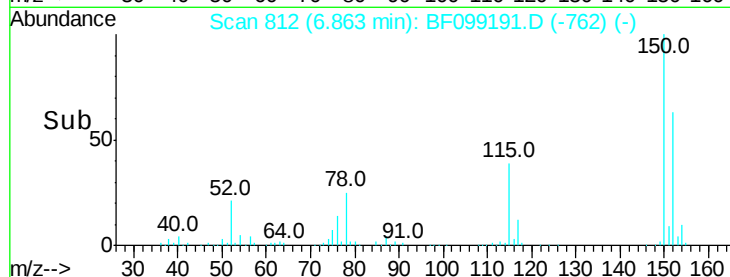
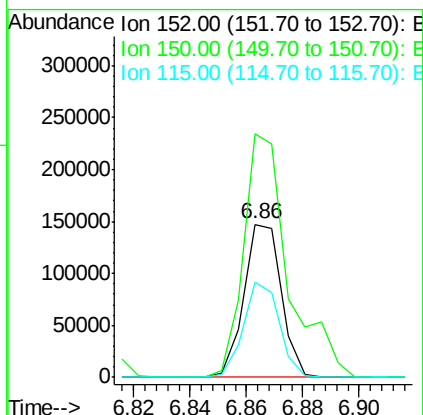
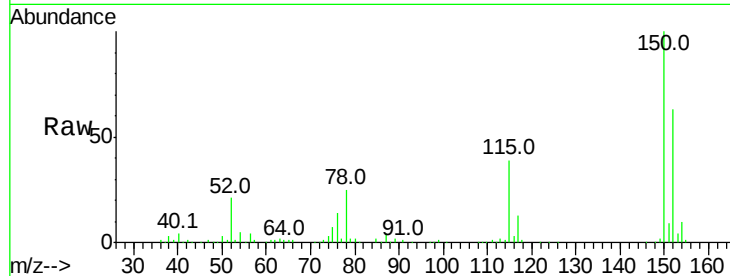


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :

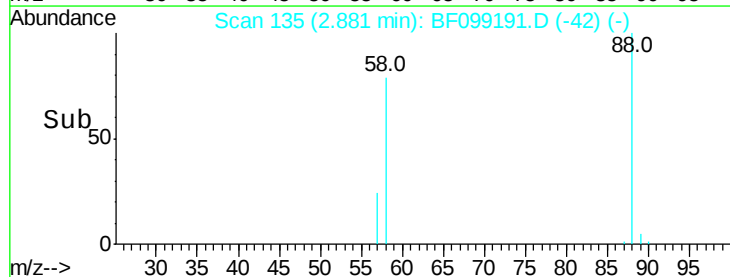
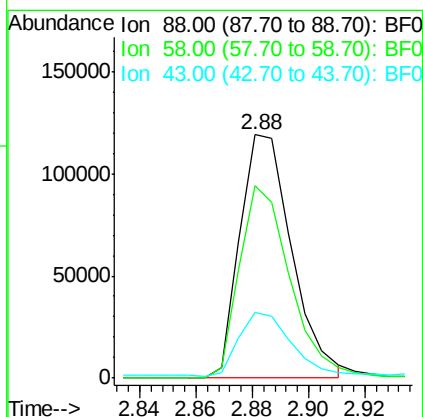
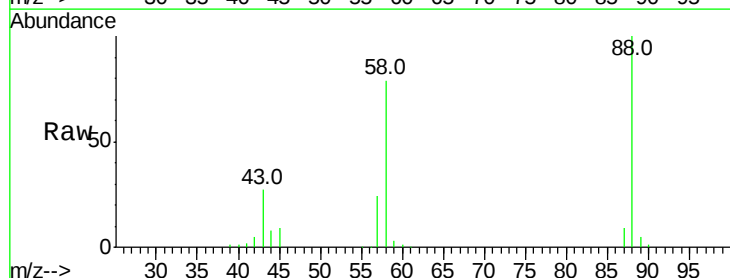
Tot Ion:152 Resp: 135473
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 62.3 50.1 75.1

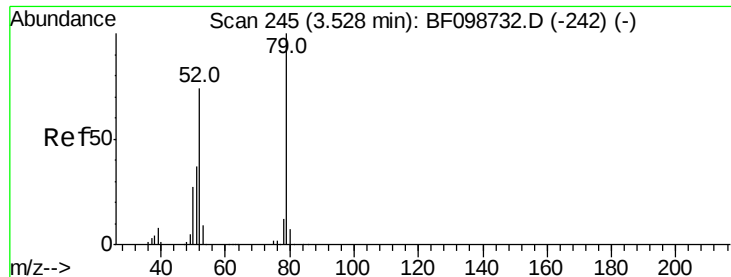


#2

1,4-Dioxane
Concen: 37.424 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.25 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion: 88 Resp: 152136
Ion Ratio Lower Upper
88 100
58 76.3 62.6 93.8
43 0.0 24.6 37.0#





#3

Pvridine

Concen: 28.952 ng

RT: 3.59 min Scan# 255

Delta R.T. 0.18 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampleId :

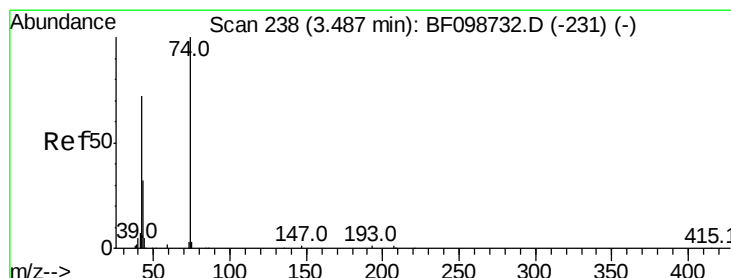
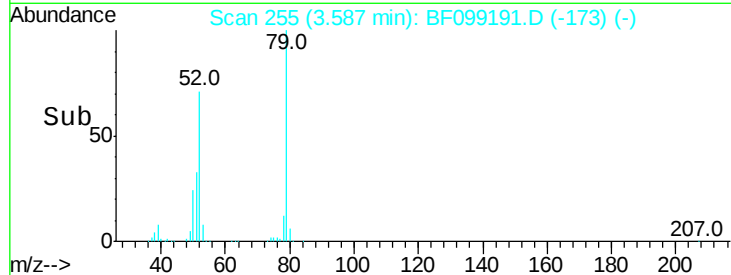
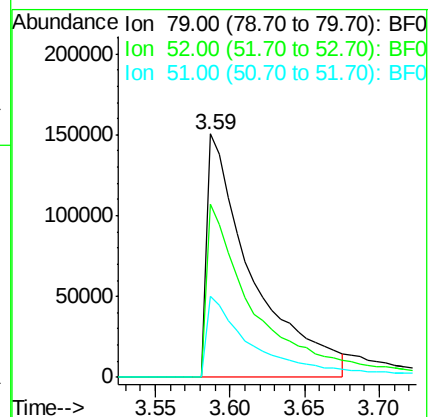
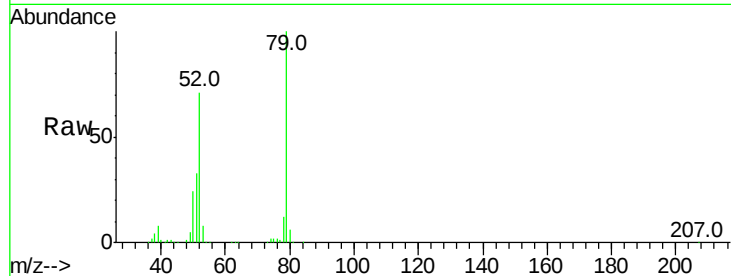
Tot Ion: 79 Resp: 318392

Ion Ratio Lower Upper

79 100

52 71.1 59.8 89.6

51 33.1 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 37.714 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.16 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

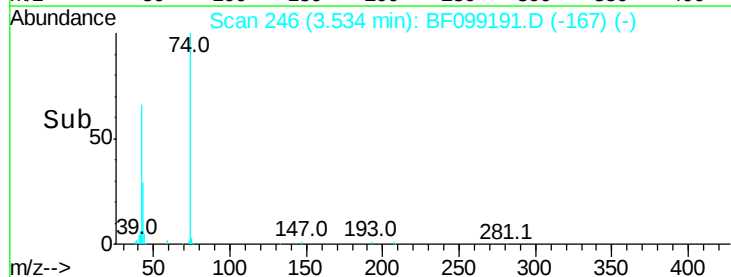
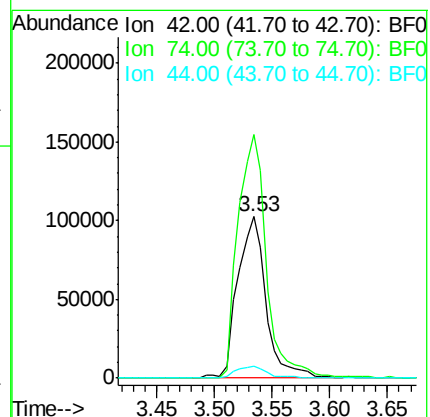
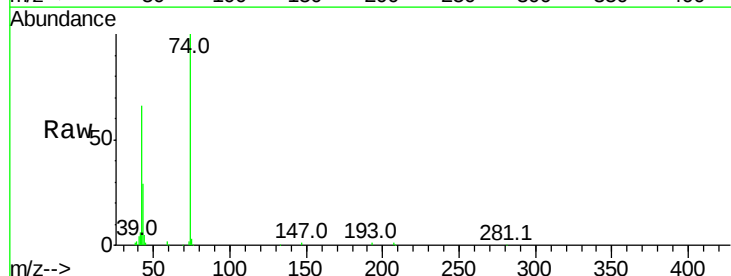
Tgt Ion: 42 Resp: 175874

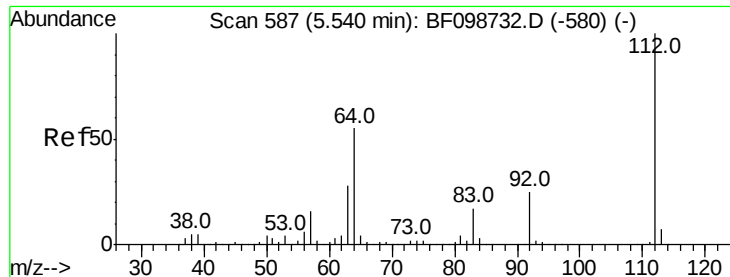
Ion Ratio Lower Upper

42 100

74 150.7 104.9 157.3

44 7.6 6.9 10.3





#5

2-Fluorophenol

Concen: 113.286 ng

RT: 5.51 min Scan# 582

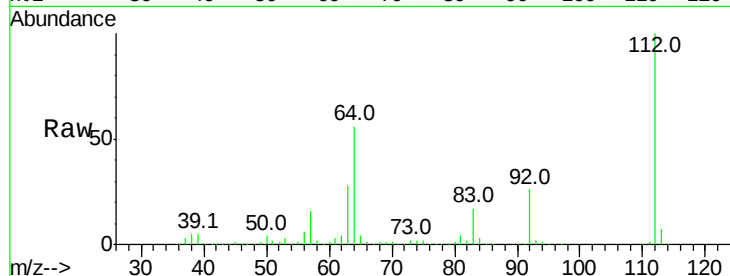
Delta R.T. 0.03 min

Lab File: BF099191.D

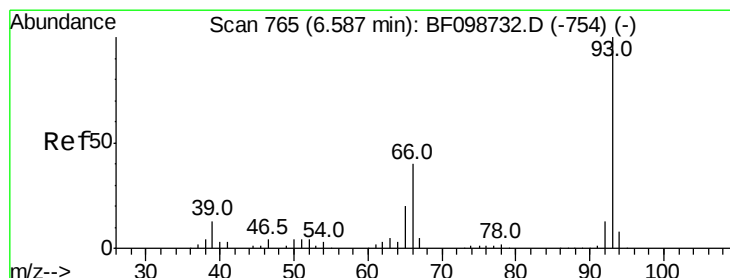
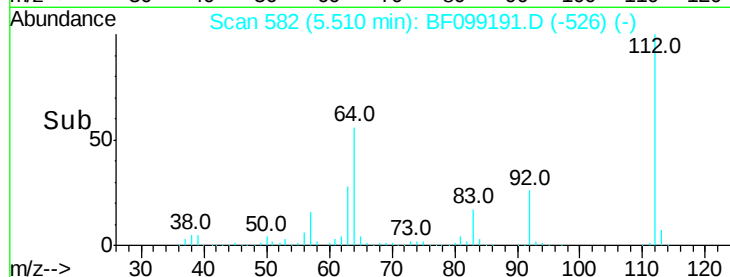
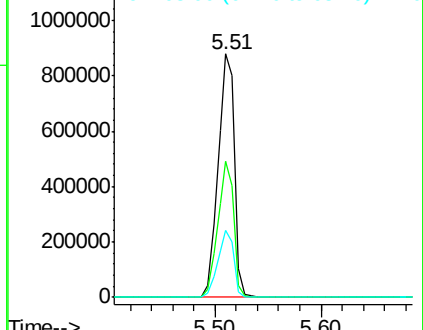
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	964084
Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	27.6	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 13.300 ng

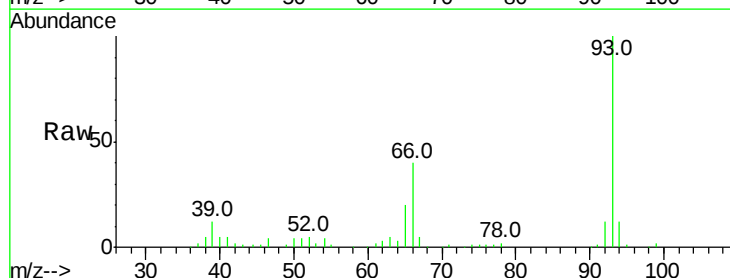
RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

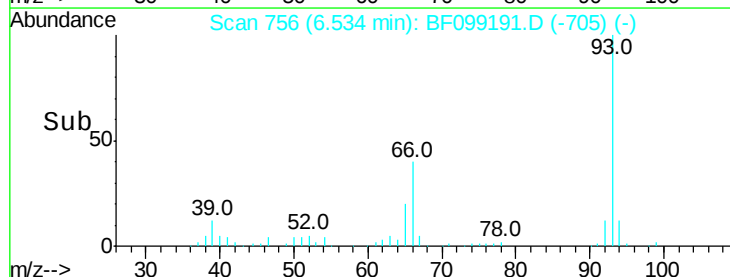
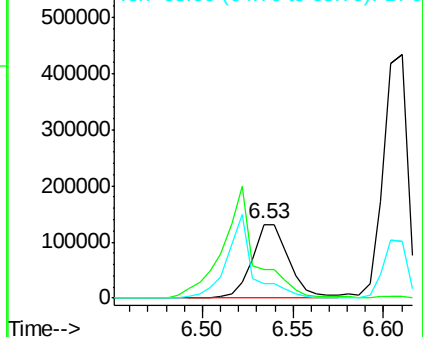
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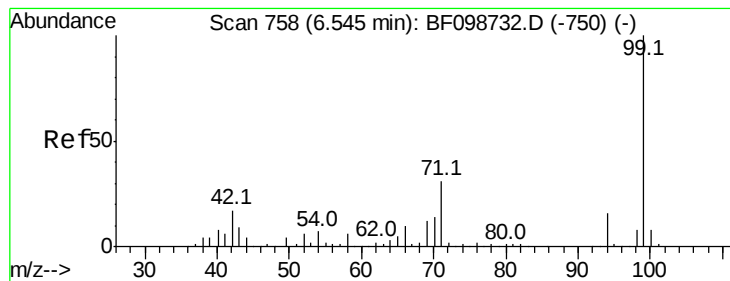
Acq: 7 Oct 2017 13:46

Tgt Ion:	93	Resp:	188448
Ion	Ratio	Lower	Upper
93	100		
66	39.5	32.2	48.2
65	19.7	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 106.113 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampled :

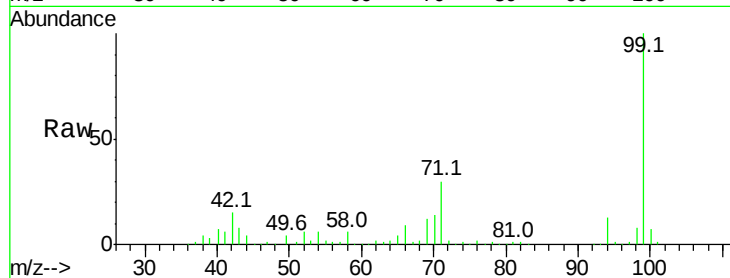
Tot Ion: 99 Resp: 1113999

Ion Ratio Lower Upper

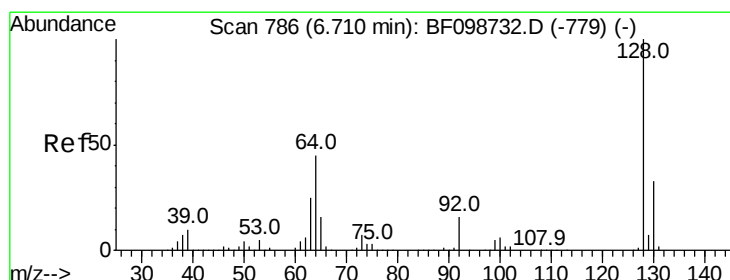
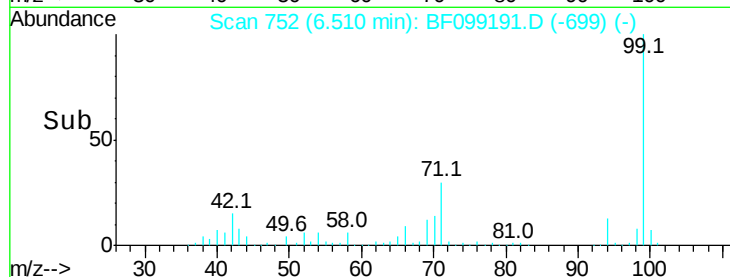
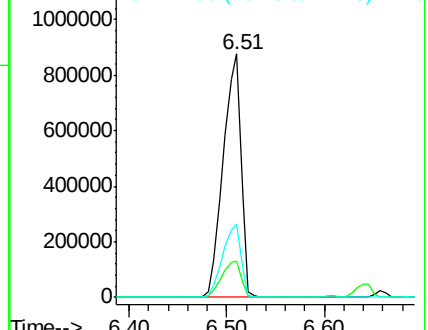
99 100

42 15.1 14.5 21.7

71 30.4 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: 42.314 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

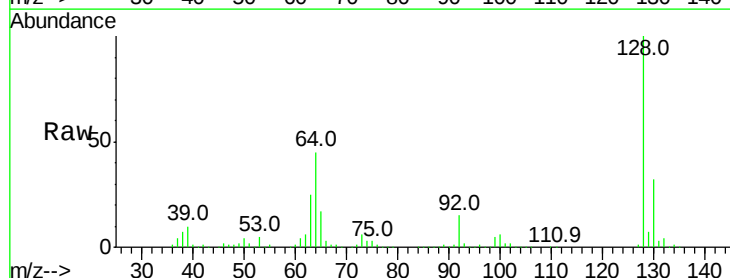
Tgt Ion: 128 Resp: 407795

Ion Ratio Lower Upper

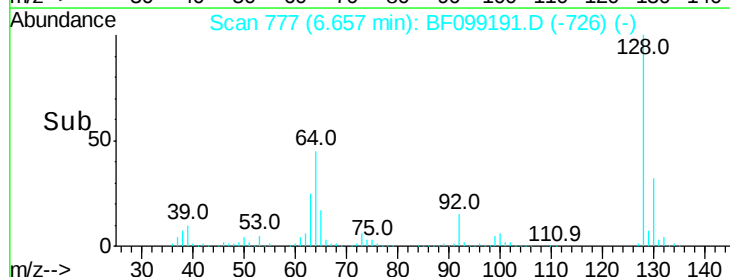
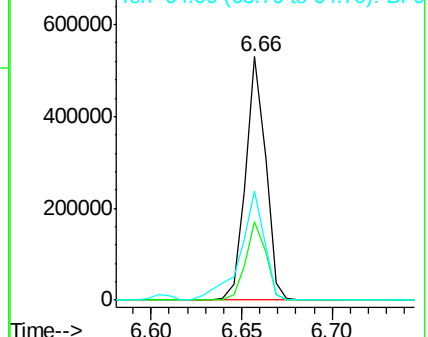
128 100

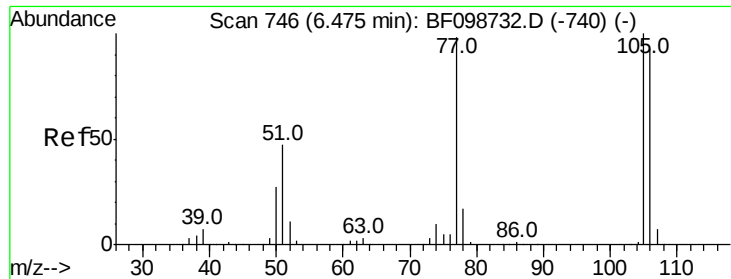
130 32.5 13.0 53.0

64 44.9 29.4 69.4



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

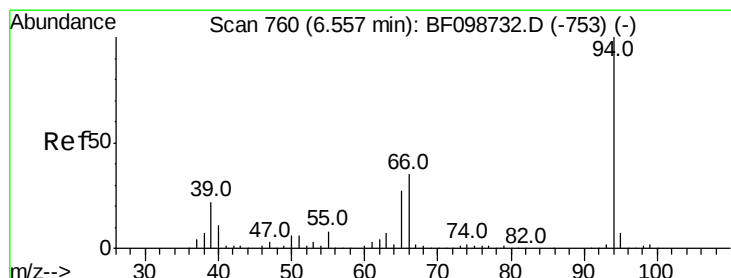
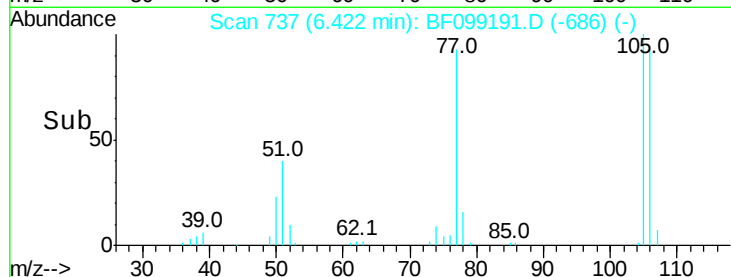
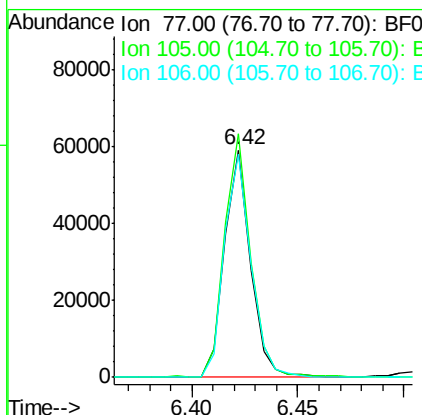
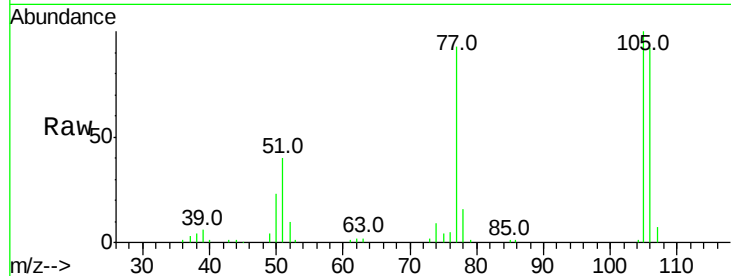




#9
Benzaldehyde
Concen: 8.233 ng
RT: 6.42 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

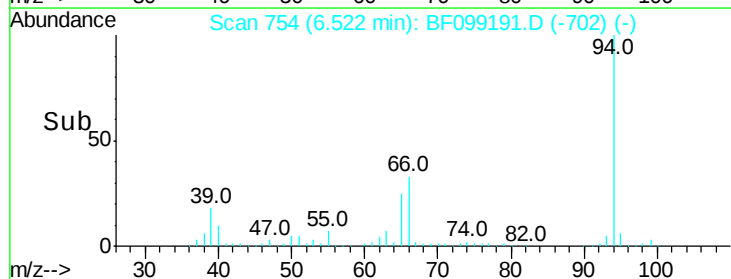
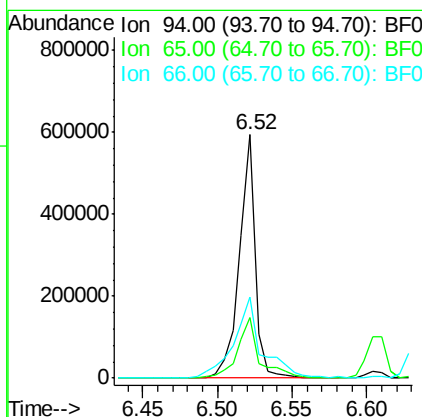
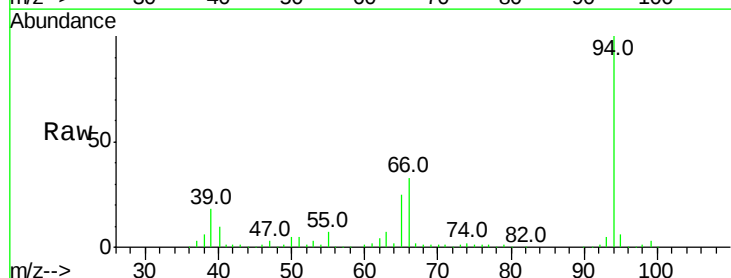
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BNA_F
ClientSampleId :

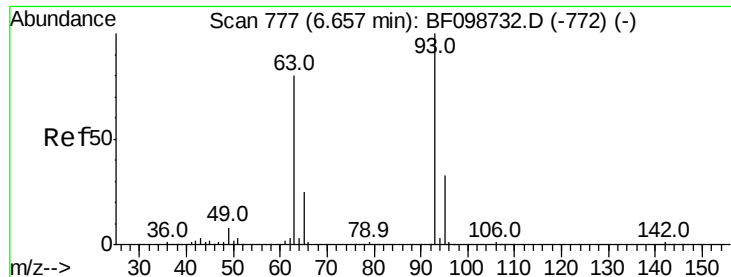
Tot Ion: 77 Resp: 50135
Ion Ratio Lower Upper
77 100
105 107.1 81.1 121.1
106 98.3 74.5 114.5



#10
Phenol
Concen: 38.159 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion: 94 Resp: 448022
Ion Ratio Lower Upper
94 100
65 25.0 7.9 47.9
66 33.4 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 43.753 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampled :

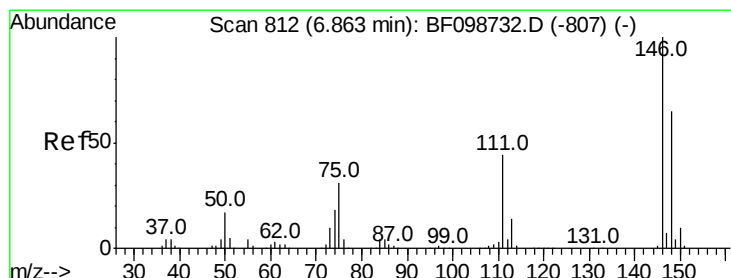
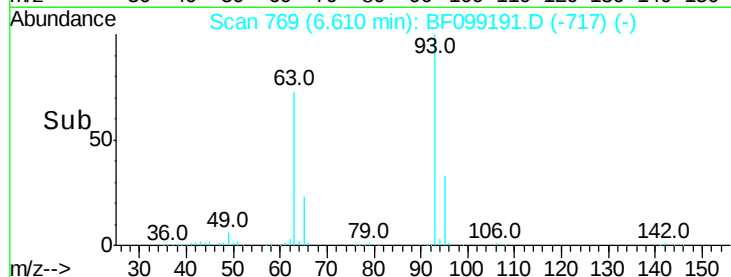
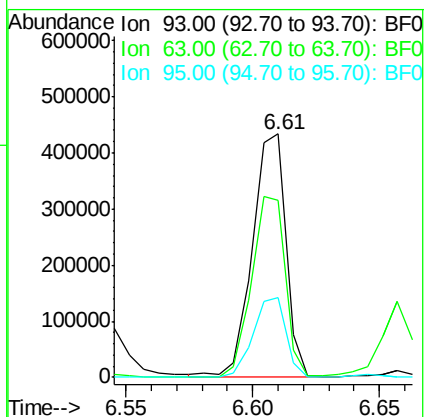
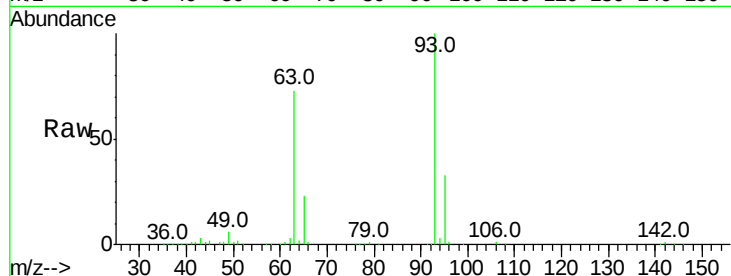
Tot Ion: 93 Resp: 399363

Ion Ratio Lower Upper

93 100

63 72.8 58.6 98.6

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 43.471 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

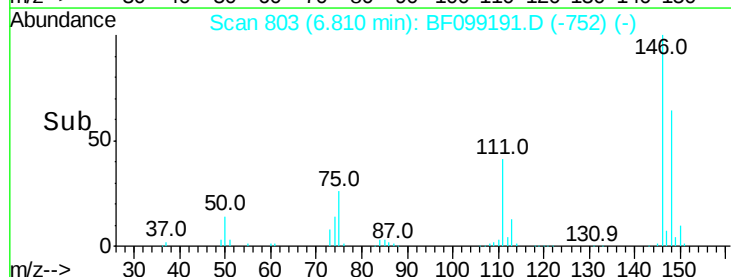
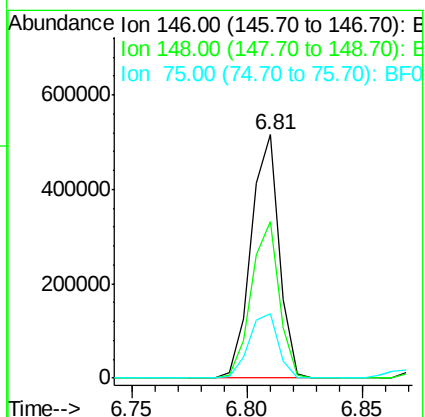
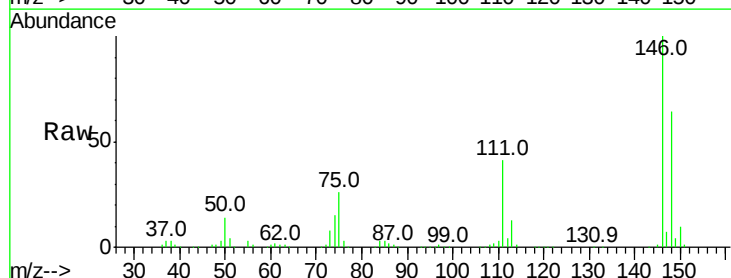
Tgt Ion: 146 Resp: 438752

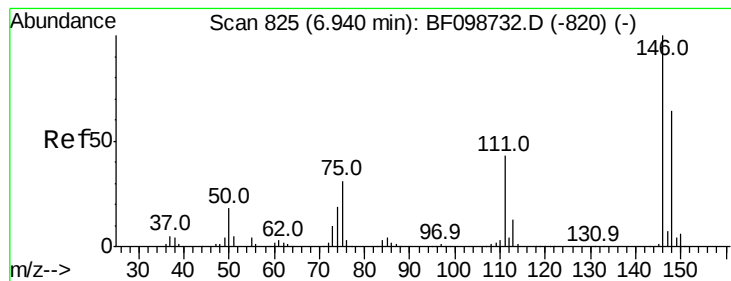
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

75 26.5 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 43.499 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampleId :

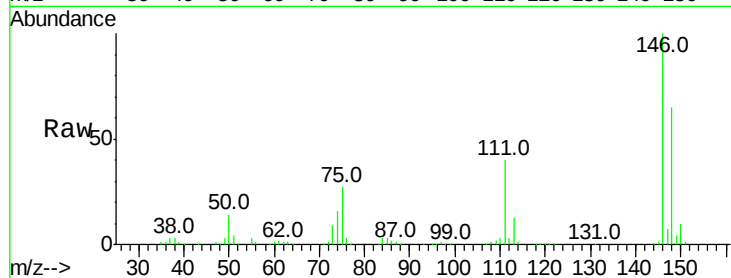
Tot Ion:146 Resp: 446686

Ion Ratio Lower Upper

146 100

148 65.3 50.8 76.2

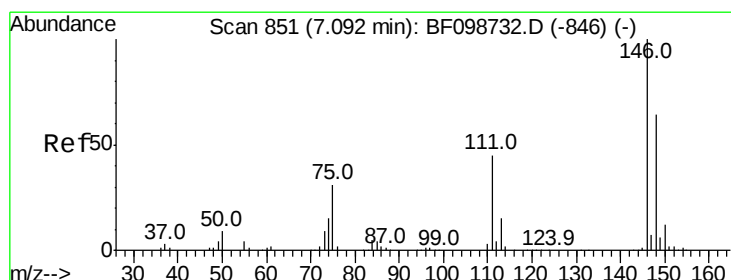
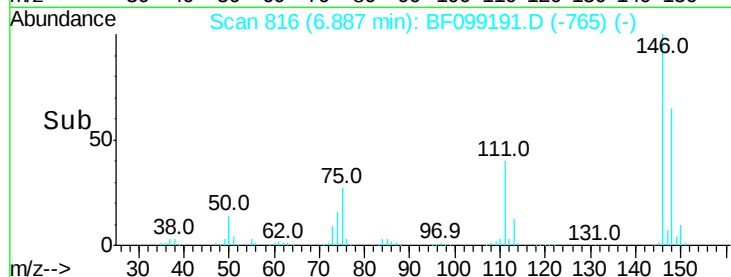
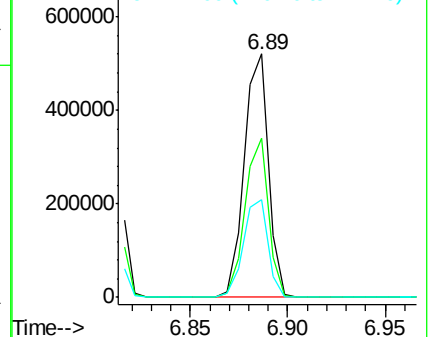
111 39.9 34.2 51.2



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: 43.343 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

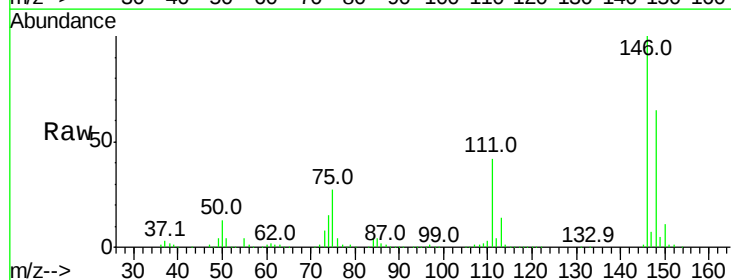
Tgt Ion:146 Resp: 411263

Ion Ratio Lower Upper

146 100

148 64.5 50.6 75.8

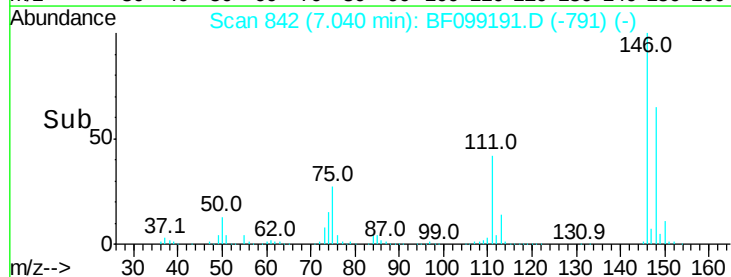
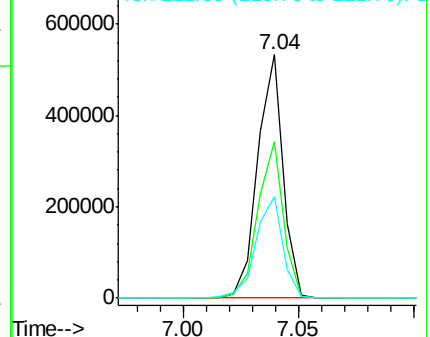
111 41.6 36.0 54.0

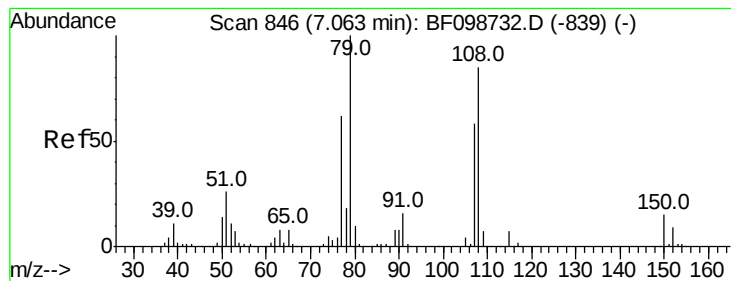


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.994 ng

RT: 7.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampled :

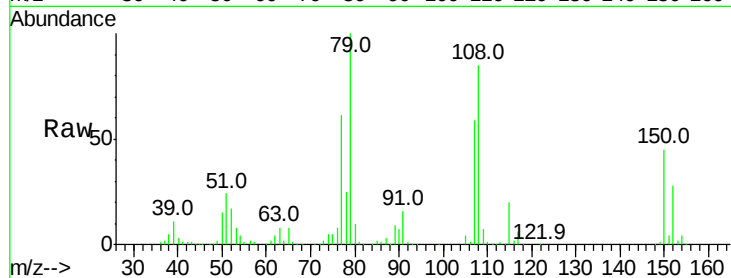
Tot Ion: 79 Resp: 323419

Ion Ratio Lower Upper

79 100

108 84.5 65.1 97.7

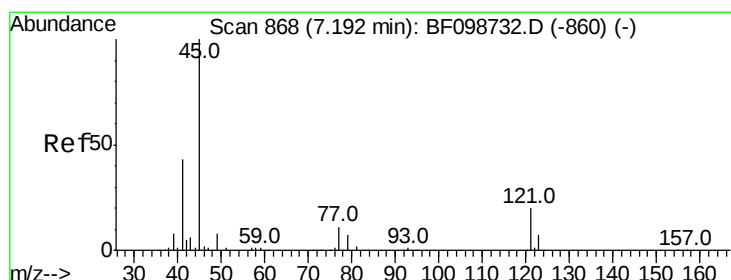
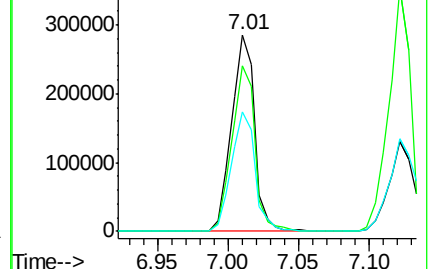
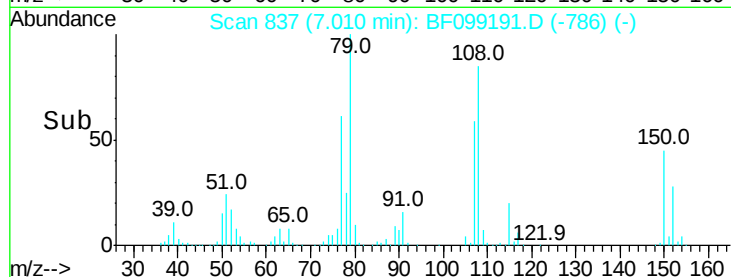
77 61.0 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.407 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

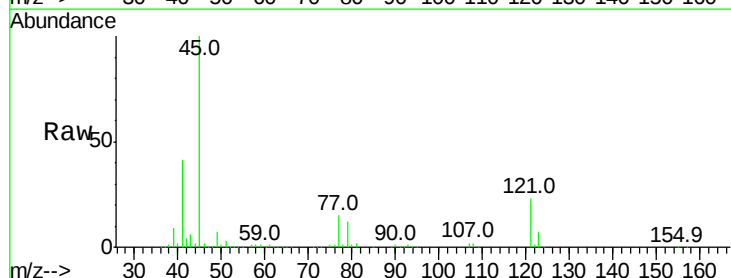
Tgt Ion: 45 Resp: 574617

Ion Ratio Lower Upper

45 100

77 15.0 0.0 32.9

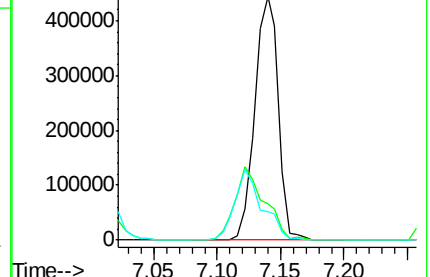
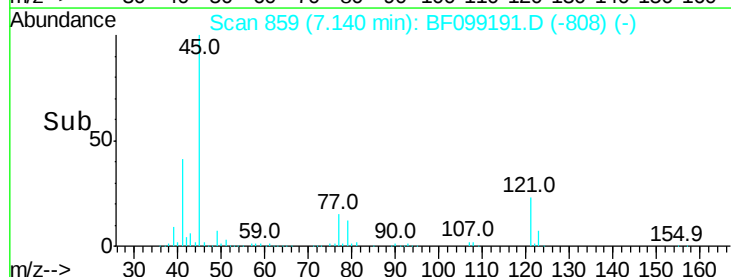
79 11.6 0.0 29.6

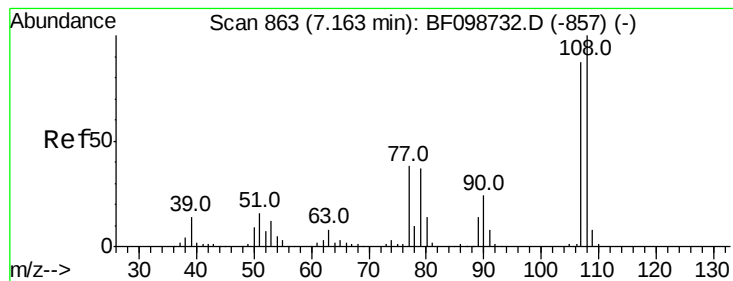


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.535 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 335412

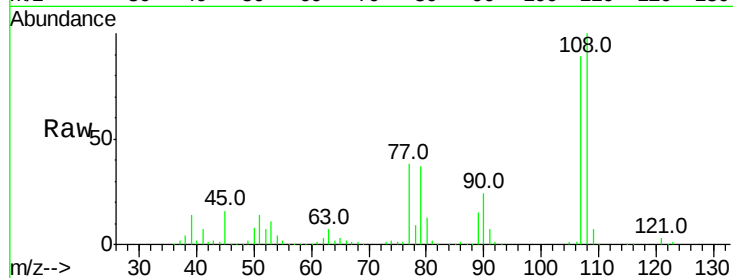
Ion Ratio Lower Upper

107 100

108 112.4 91.7 137.5

77 42.9 33.8 50.8

79 41.4 33.8 50.8

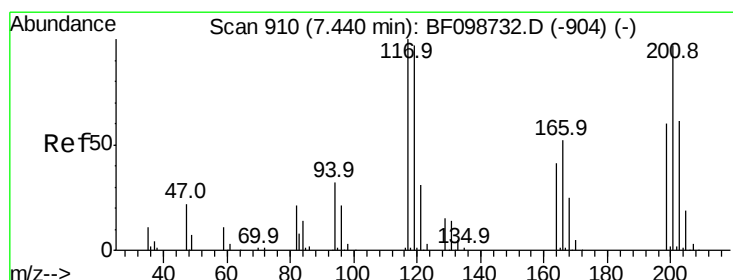
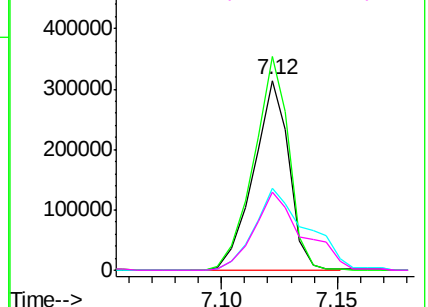
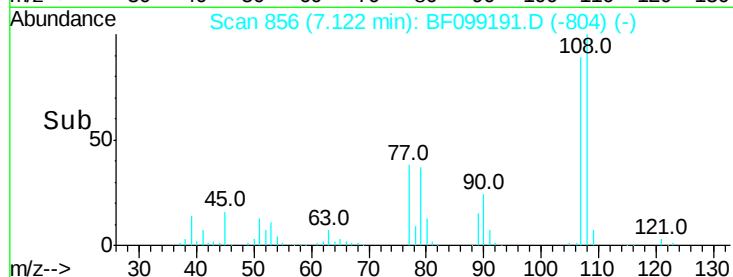


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.456 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

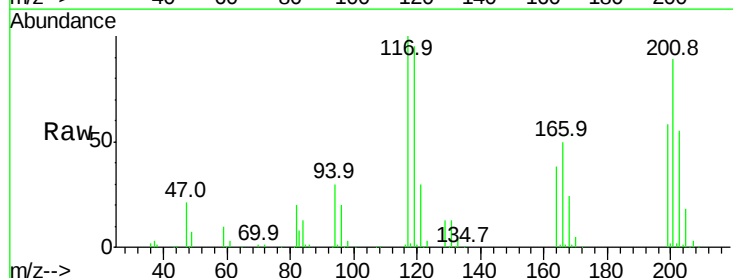
Tgt Ion:117 Resp: 153018

Ion Ratio Lower Upper

117 100

119 95.3 75.8 113.8

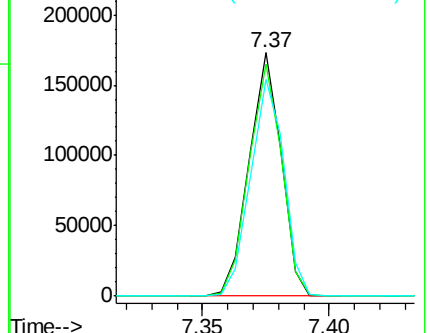
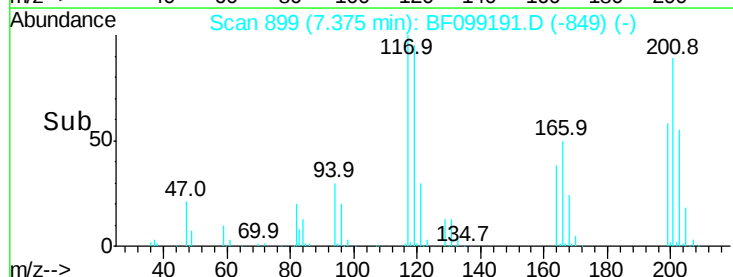
201 89.0 75.7 113.5

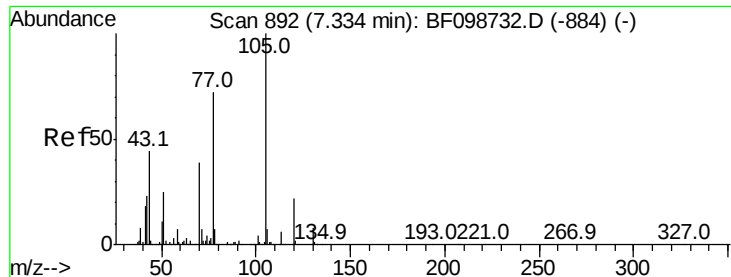


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

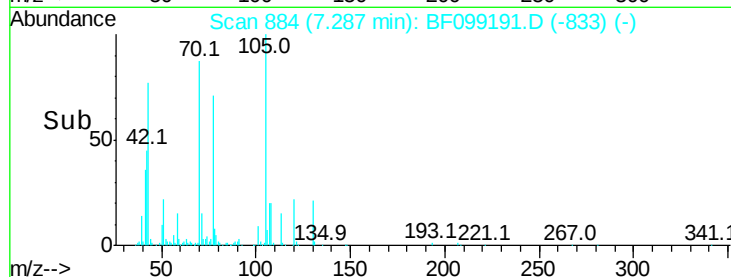
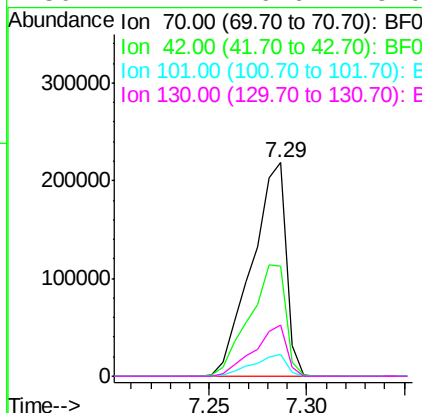
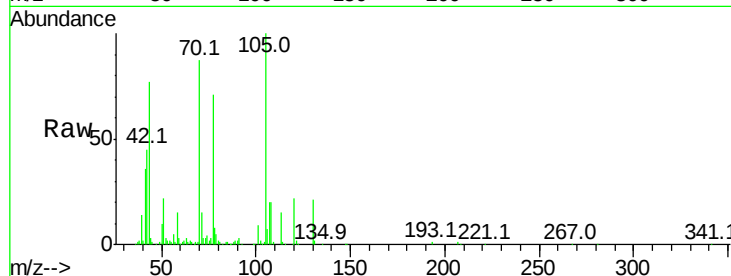




#19
n-Nitroso-di-n-propylamine
Concen: 39.897 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

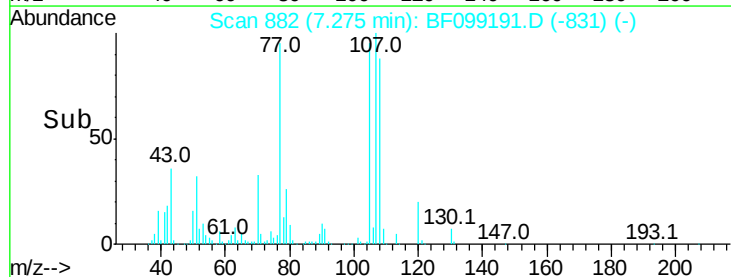
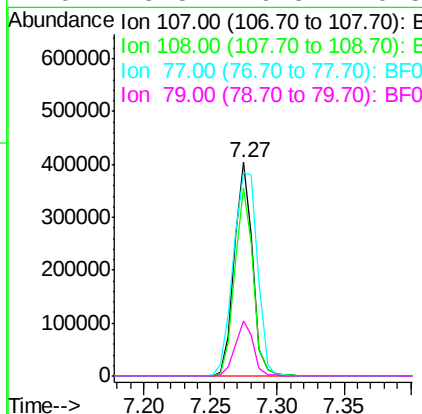
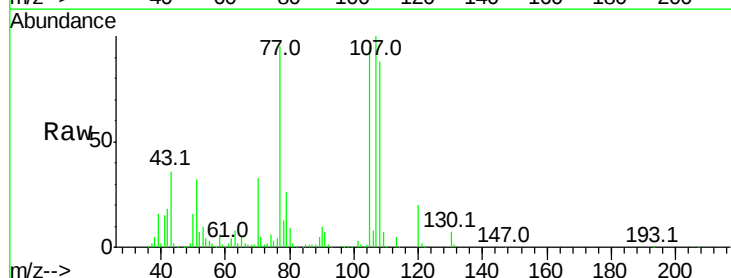
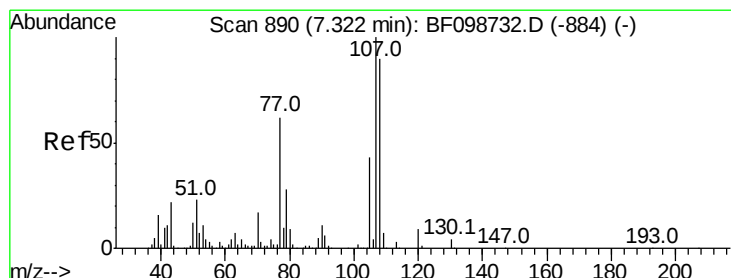
Instrument :
BNA_F
ClientSampleId :

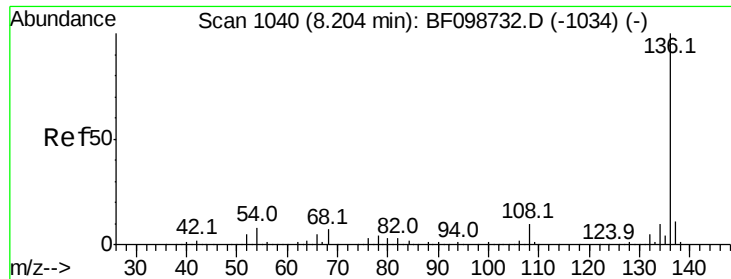
Tot Ion: 70 Resp: 267418
Ion Ratio Lower Upper
70 100
42 51.5 47.5 71.3
101 10.2 7.4 11.2
130 24.2 16.6 25.0



#20
3+4-Methylphenols
Concen: 38.938 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion:107 Resp: 388433
Ion Ratio Lower Upper
107 100
108 88.0 68.2 108.2
77 95.1 26.7 66.7#
79 25.8 6.3 46.3

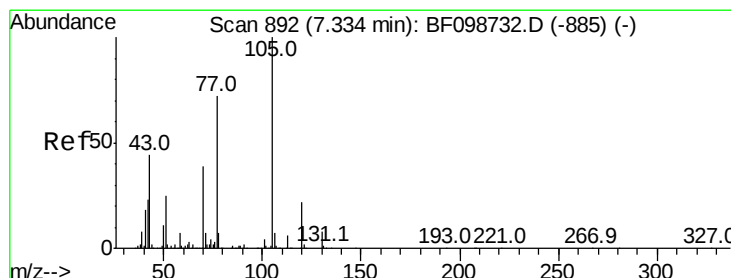
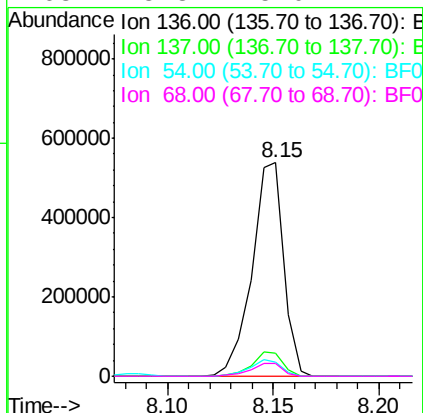
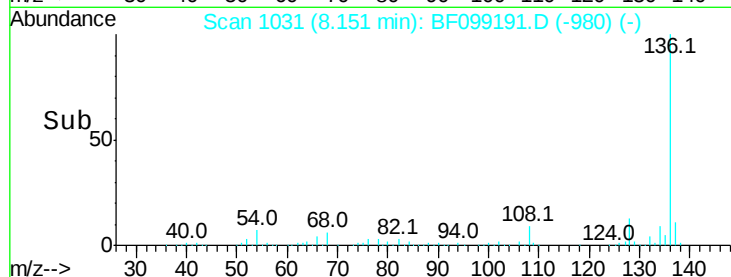
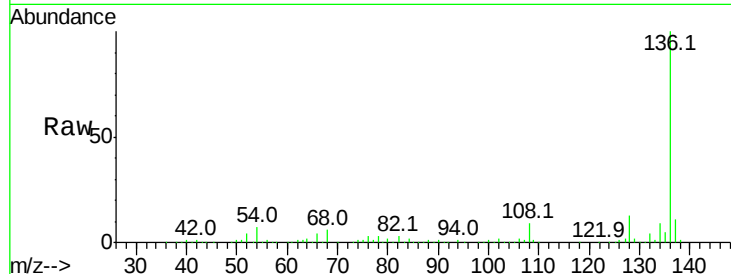




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

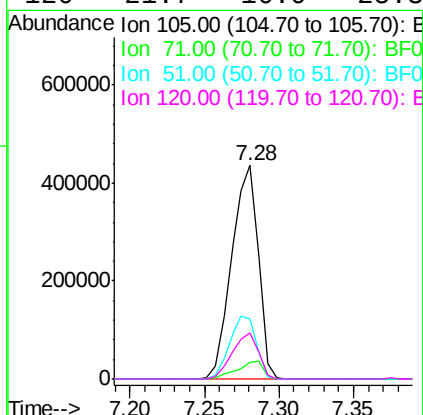
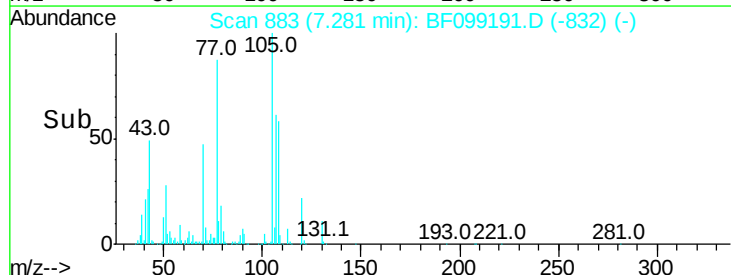
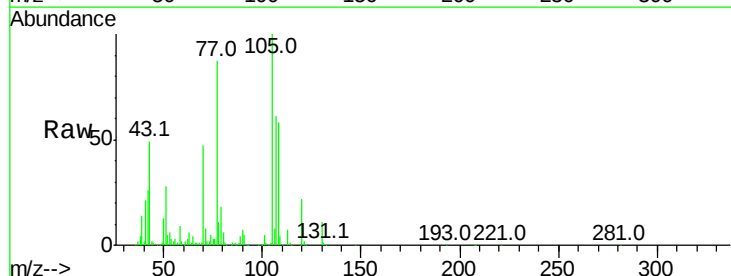
Instrument :
BNA_F
ClientSampleId :

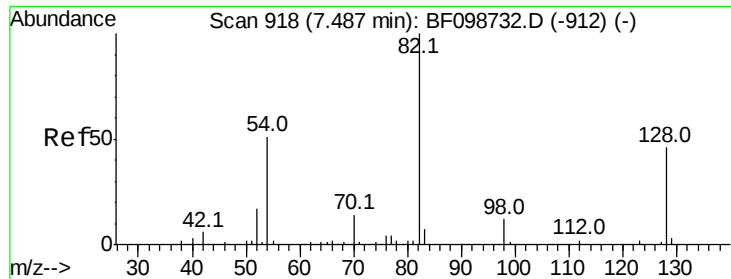
Tot Ion:136	Resp:	563546
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.9	6.6 9.8
68	5.8	5.0 7.4



#22
Acetophenone
Concen: 39.754 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion:105	Resp:	542787
Ion Ratio	Lower	Upper
105	100	
71	7.9	4.4 6.6#
51	28.1	22.3 33.5
120	21.7	16.9 25.3

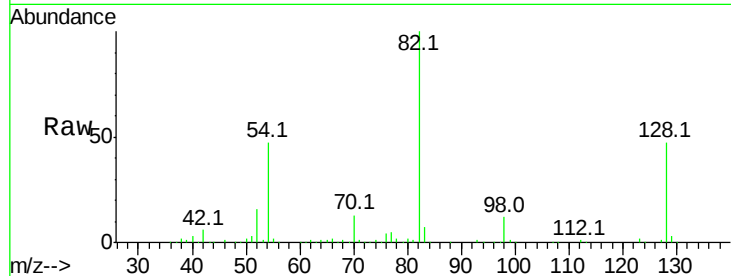




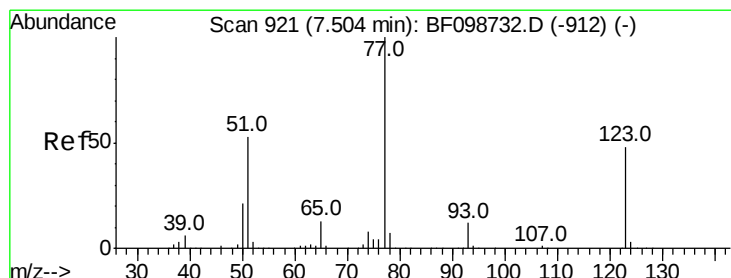
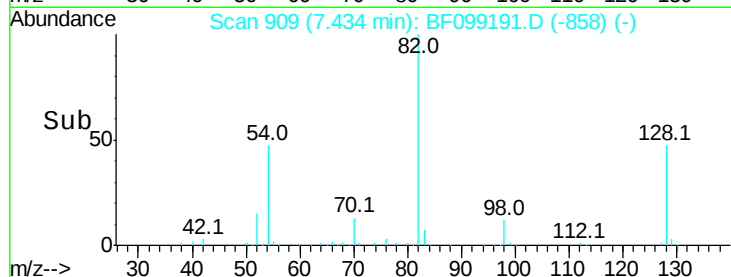
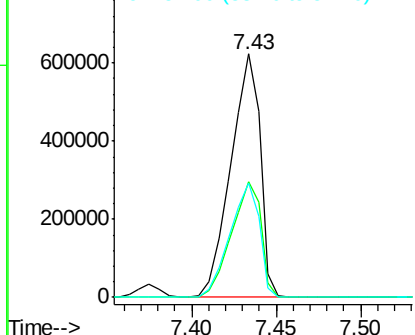
#23
 Nitrobenzene-d5
 Concen: 85.515 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	47.1	41.4	62.2

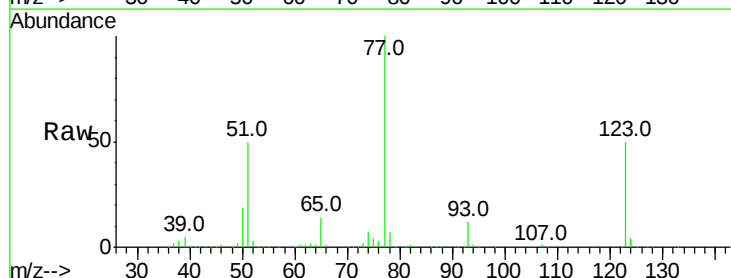


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

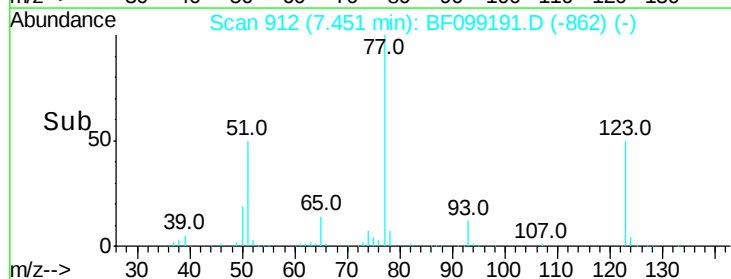
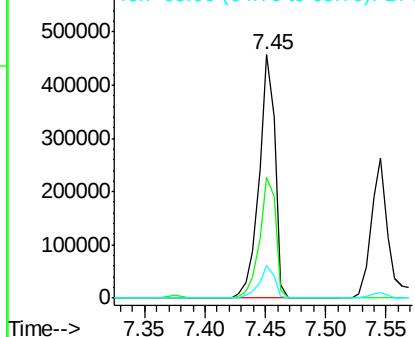


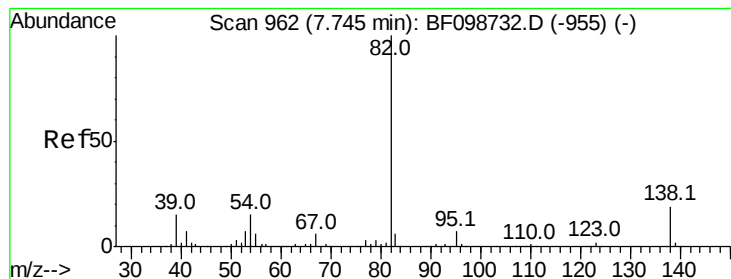
#24
 Nitrobenzene
 Concen: 42.262 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	37.9	56.9
65	13.5	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.061 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampleId :

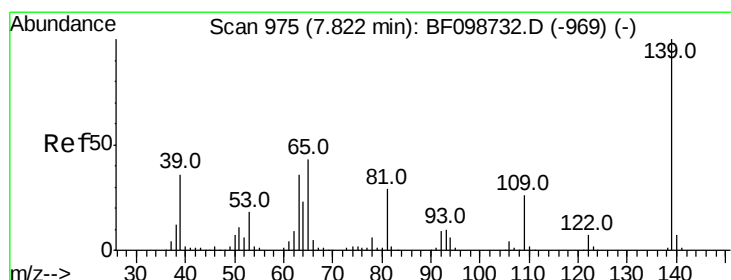
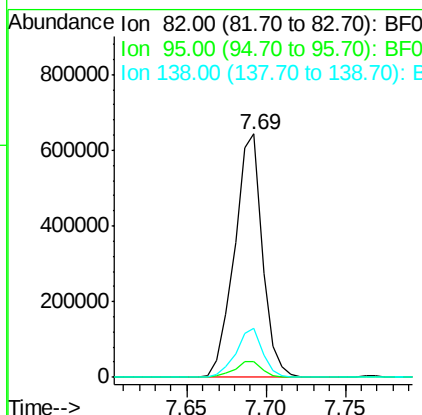
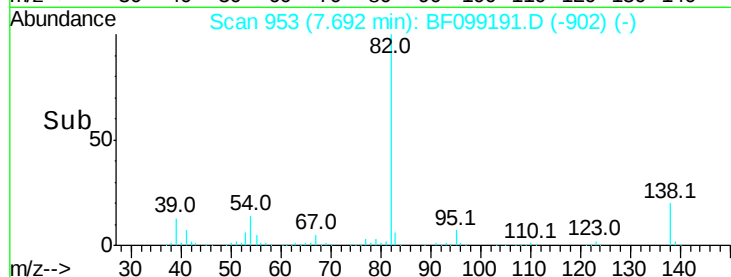
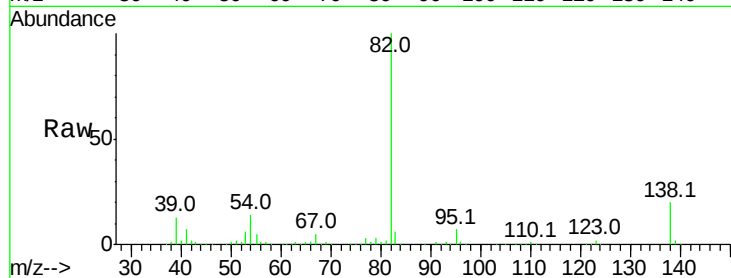
Tot Ion: 82 Resp: 782348

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 20.1 14.9 22.3



#26

2-Nitrophenol

Concen: 48.946 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

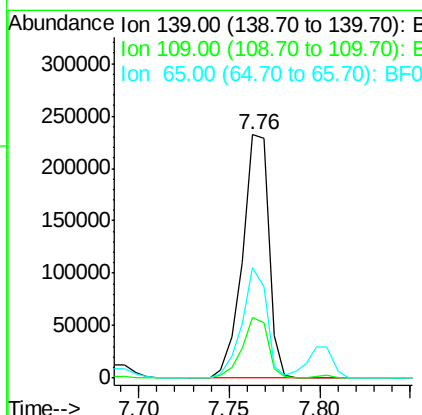
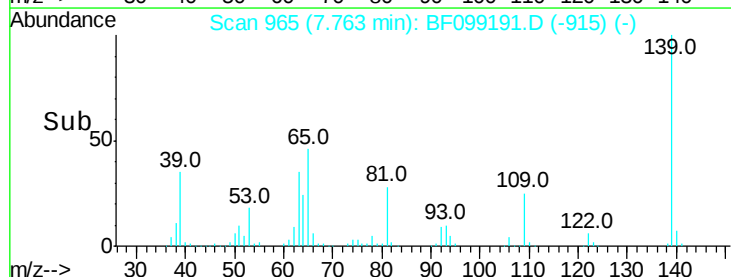
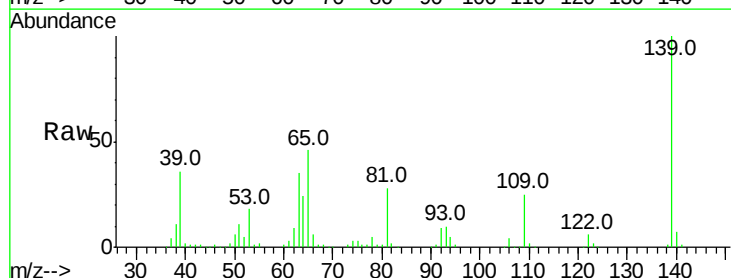
Tgt Ion: 139 Resp: 234623

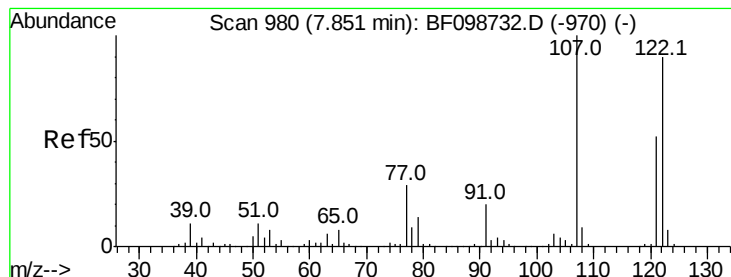
Ion Ratio Lower Upper

139 100

109 24.8 22.7 34.1

65 45.5 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 41.713 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampled :

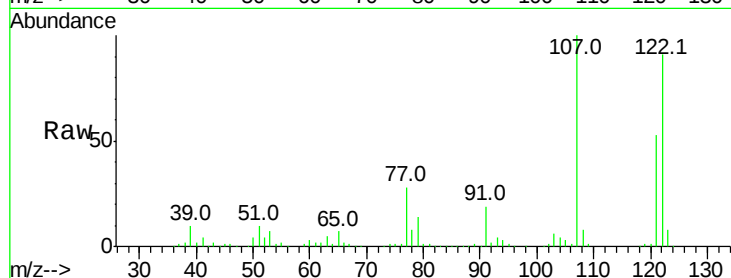
Tot Ion:122 Resp: 377615

Ion Ratio Lower Upper

122 100

107 109.6 91.2 136.8

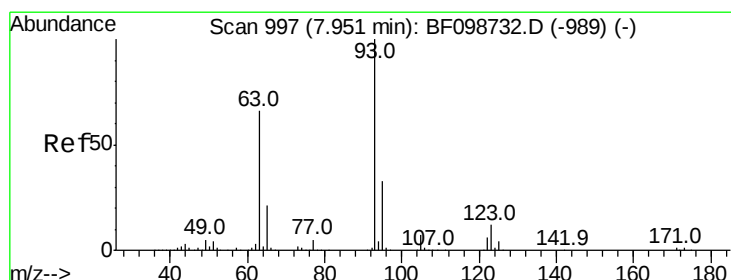
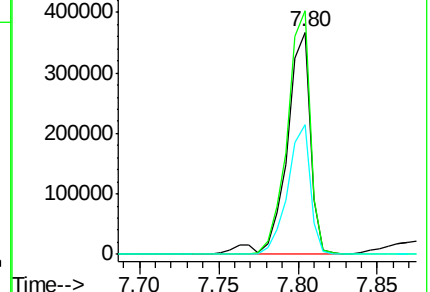
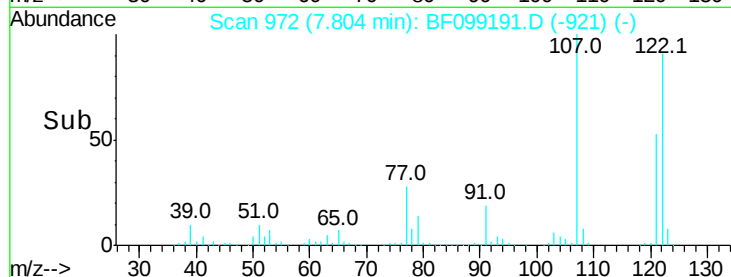
121 58.4 47.2 70.8



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: 44.532 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

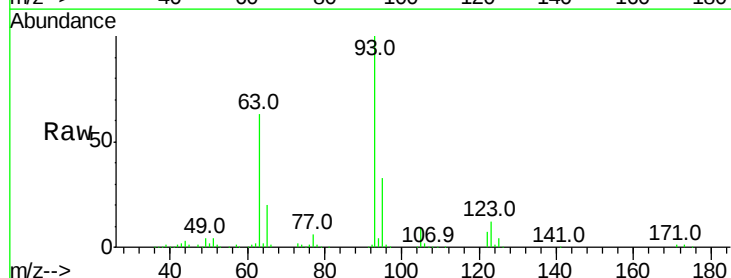
Tgt Ion: 93 Resp: 504199

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

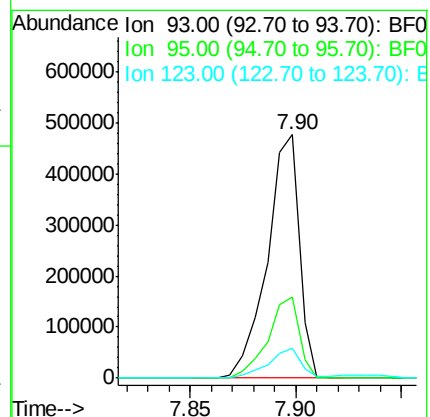
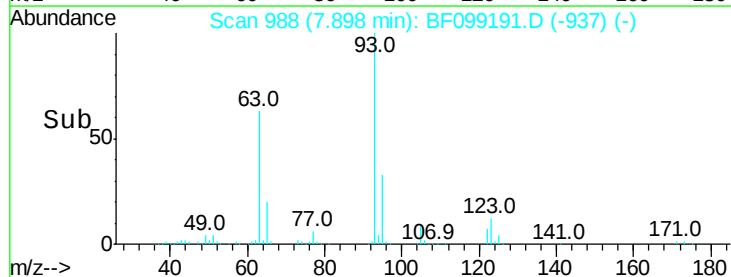
123 12.1 9.8 14.6

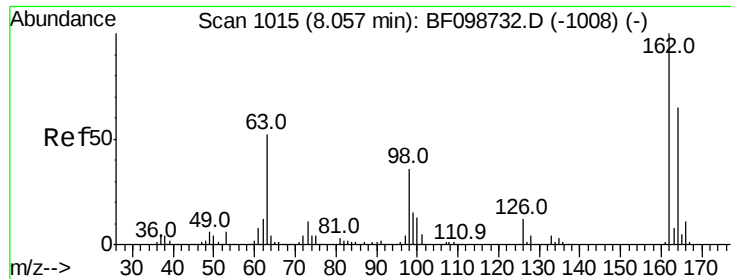


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

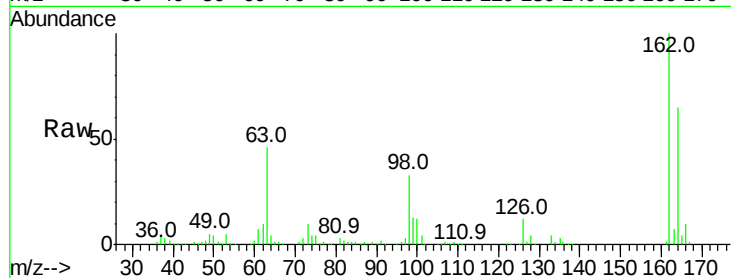




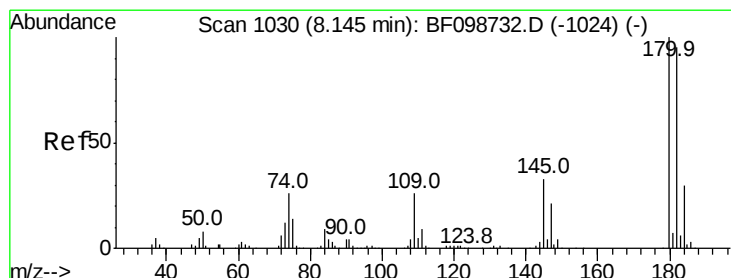
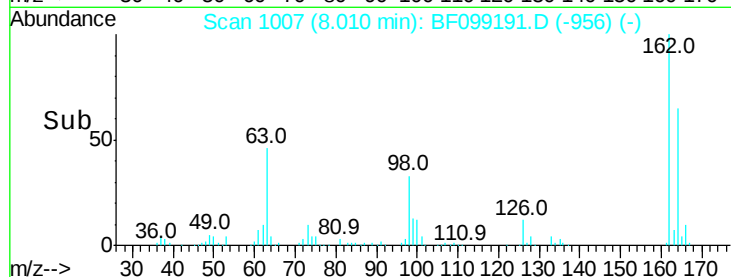
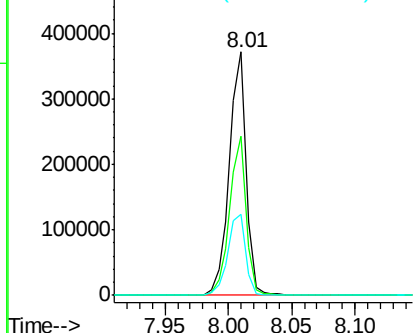
#29
 2,4-Dichlorophenol
 Concen: 43.959 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	42.7	82.7
98	33.4	18.1	58.1

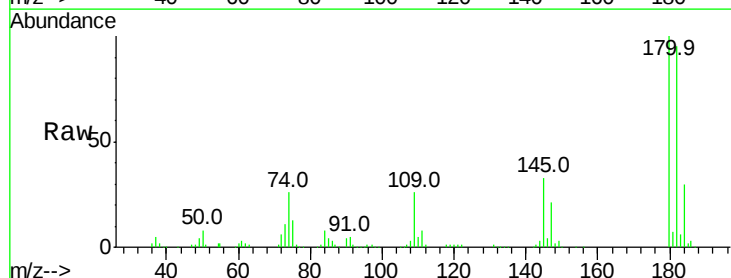


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BFO

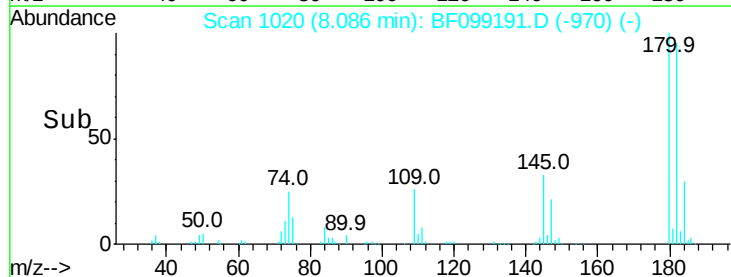
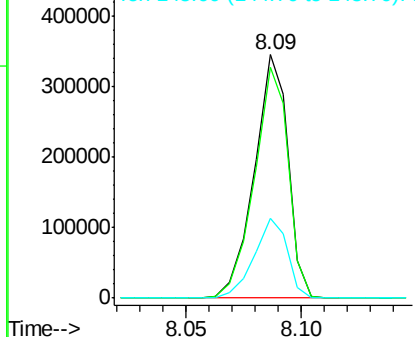


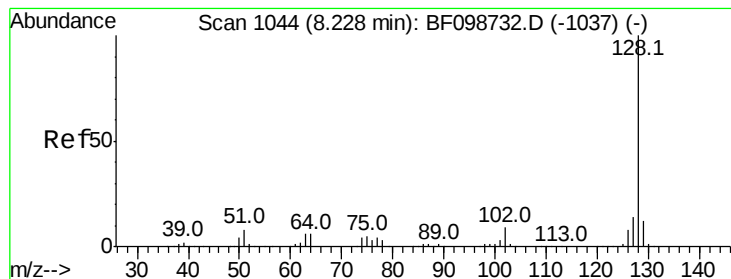
#30
 1,2,4-Trichlorobenzene
 Concen: 45.131 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.8	115.2
145	32.7	26.5	39.7



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





#31

Naphthalene

Concen: 43.674 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampleId :

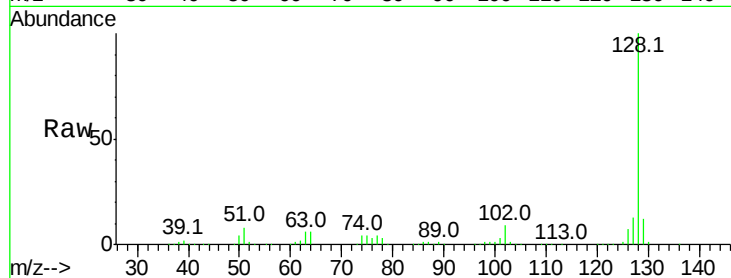
Tot Ion:128 Resp: 1155943

Ion Ratio Lower Upper

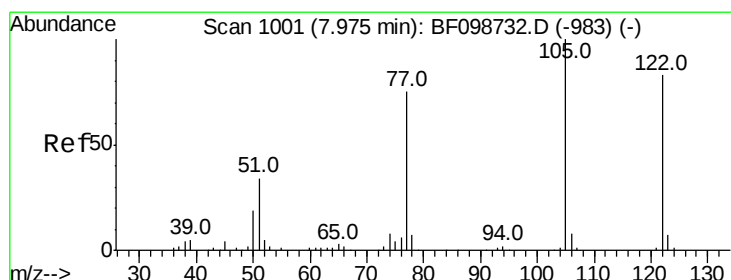
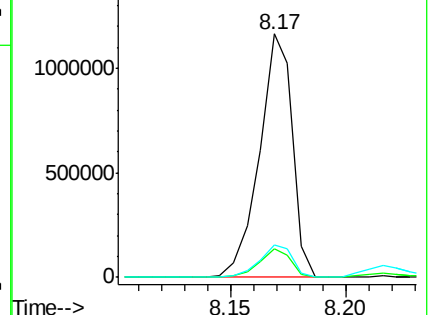
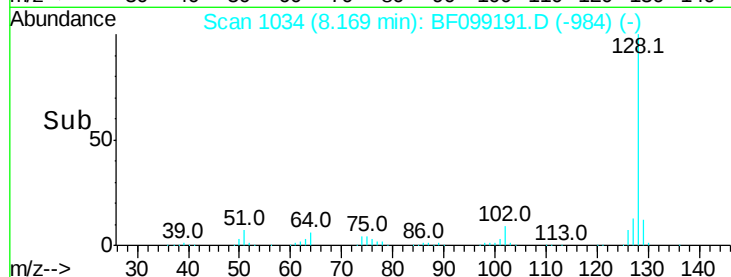
128 100

129 11.8 8.8 13.2

127 13.4 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: 32.267 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

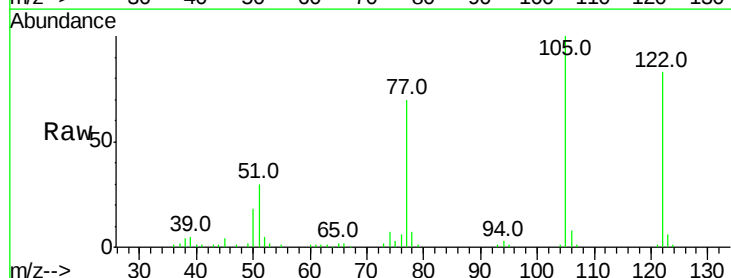
Tgt Ion:122 Resp: 239939

Ion Ratio Lower Upper

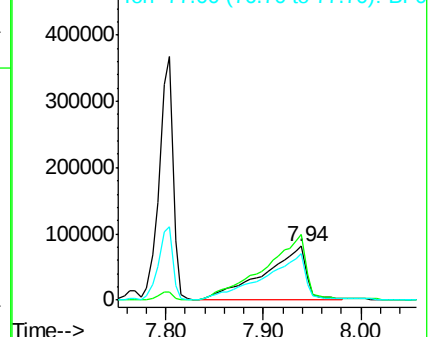
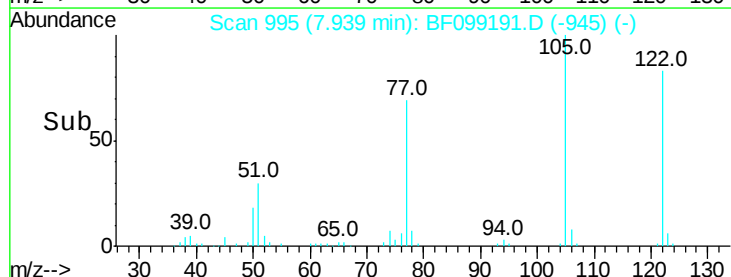
122 100

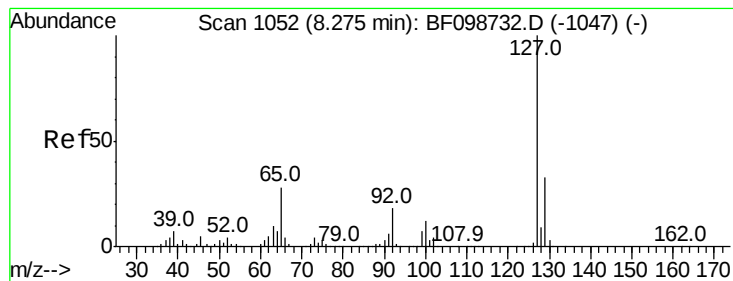
105 121.2 101.1 141.1

77 85.3 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: 7.972 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 88110

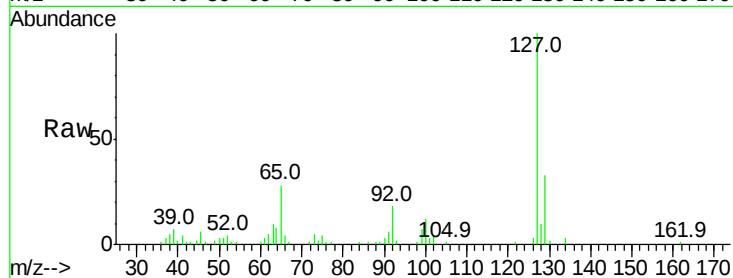
Ion Ratio Lower Upper

127 100

129 32.6 25.9 38.9

65 28.3 25.0 37.4

92 18.0 15.2 22.8

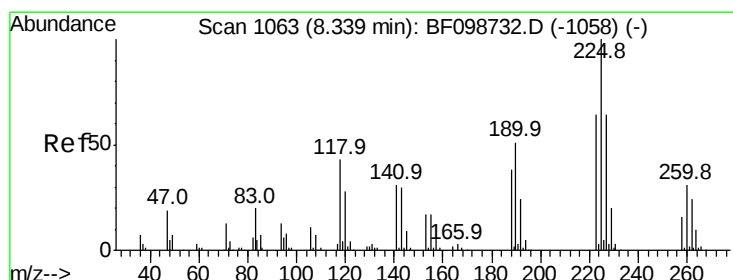
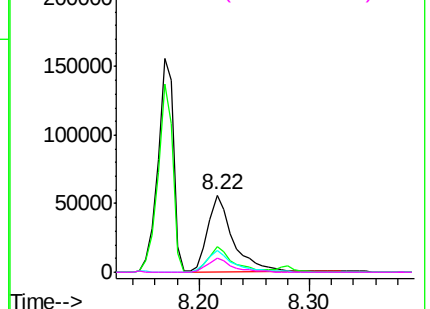
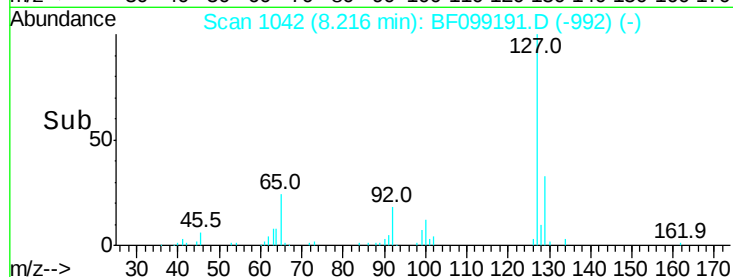


Abundance Ion 127.00 (126.70 to 127.70): E

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: 42.842 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

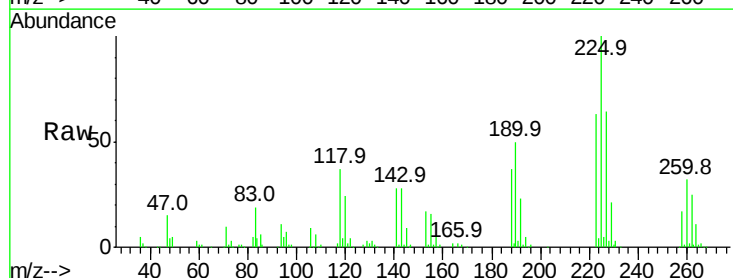
Tgt Ion:225 Resp: 171538

Ion Ratio Lower Upper

225 100

223 63.4 50.6 76.0

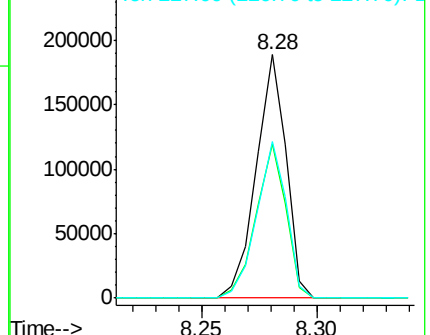
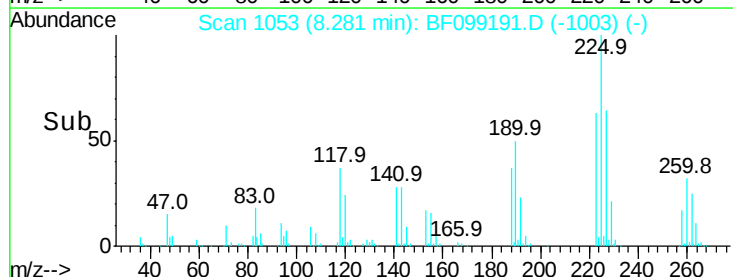
227 64.3 51.9 77.9

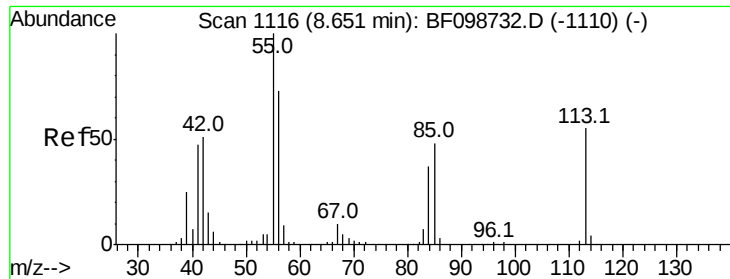


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

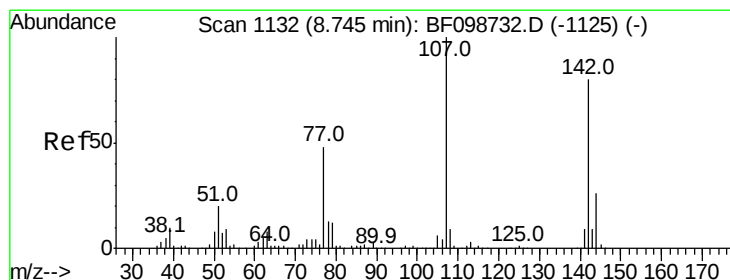
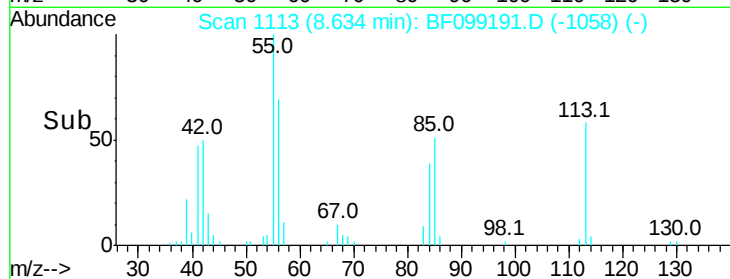
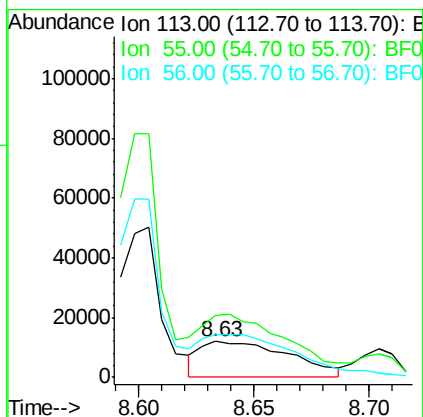
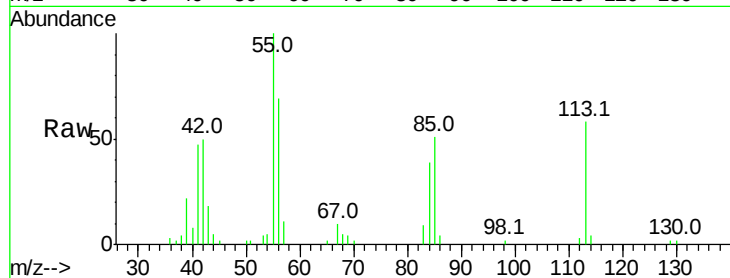




#35
 Caprolactam
 Concen: 12.992 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

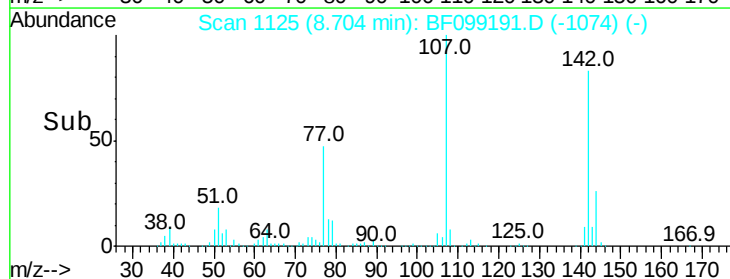
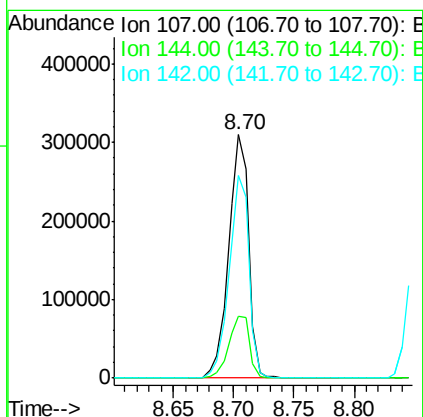
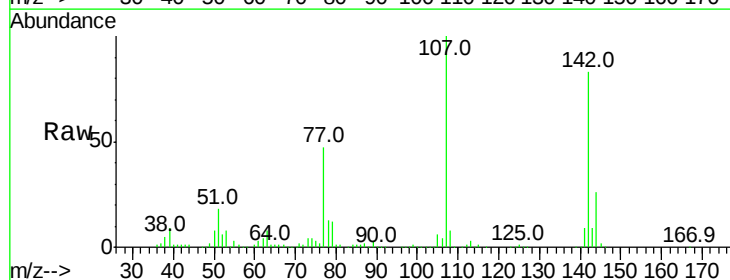
Instrument :
 BNA_F
 ClientSampleId :

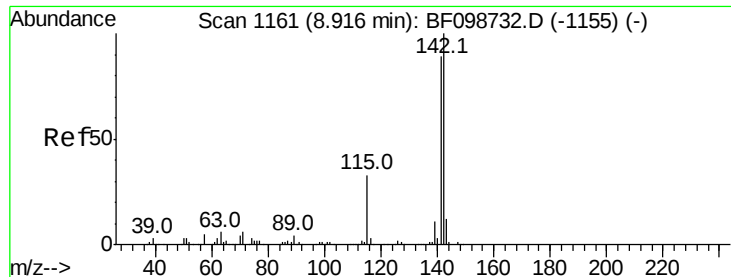
Tot Ion:113 Resp: 32392
 Ion Ratio Lower Upper
 113 100
 55 173.1 163.3 203.3
 56 119.8 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.713 ng
 RT: 8.70 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion:107 Resp: 355670
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 83.1 62.0 93.0

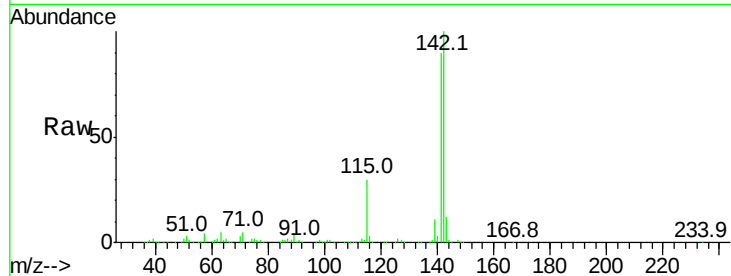




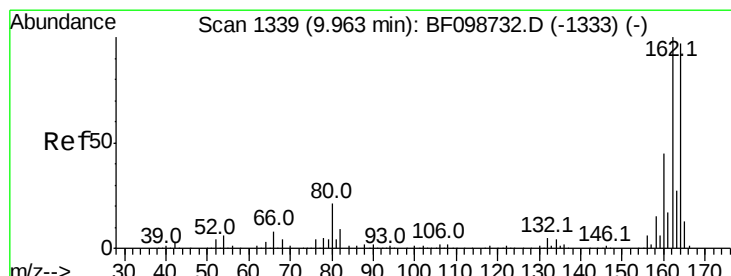
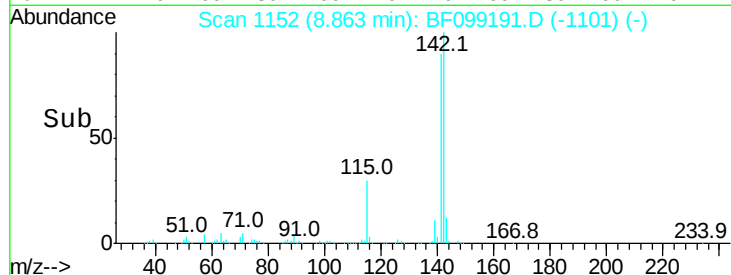
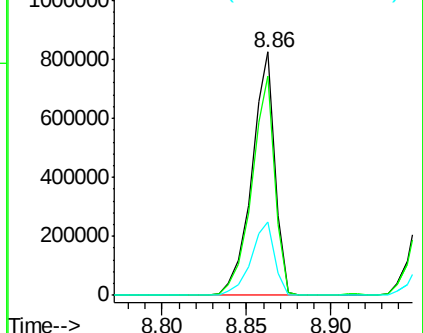
#37
2-Methylnaphthalene
Concen: 45.965 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 790872
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2
115 30.3 26.1 39.1

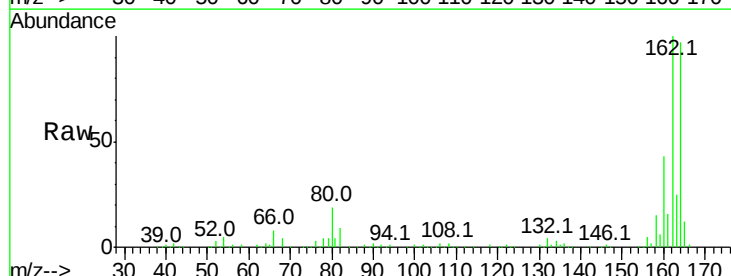


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

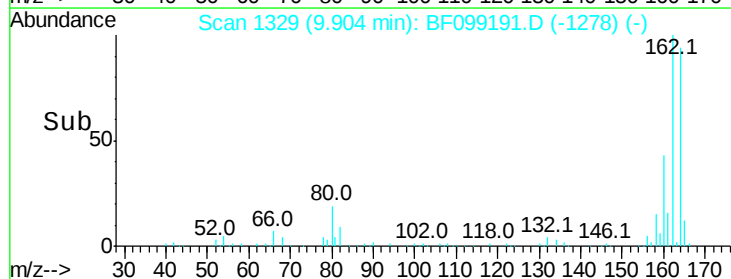
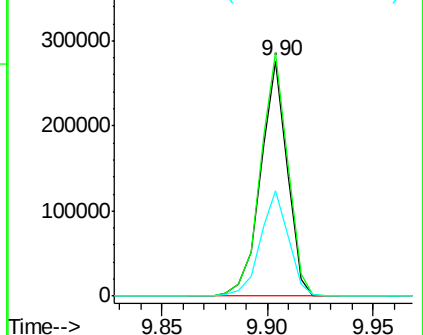


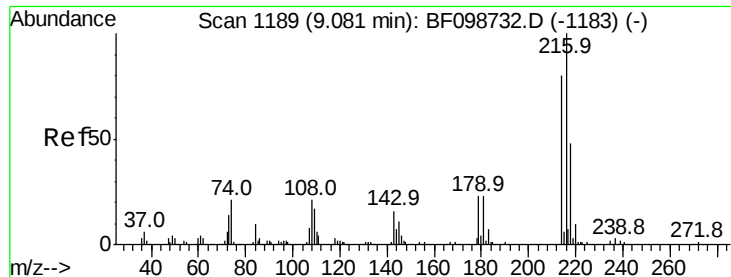
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion:164 Resp: 242976
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 44.7 38.3 57.5



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

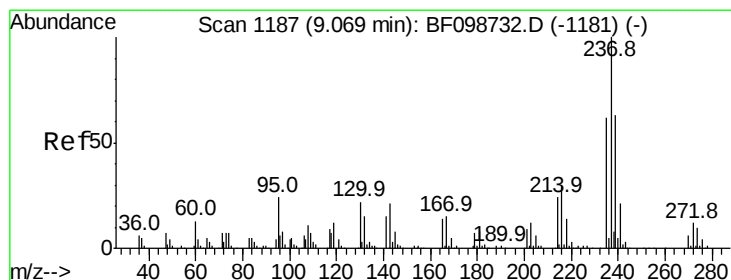
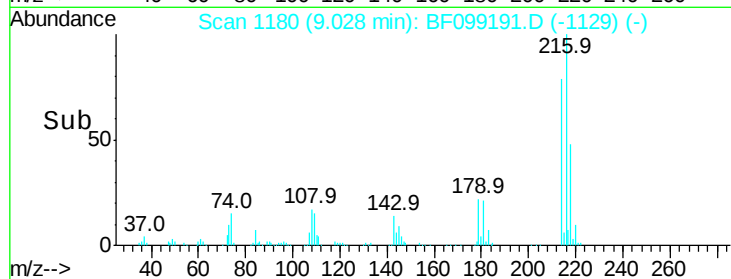
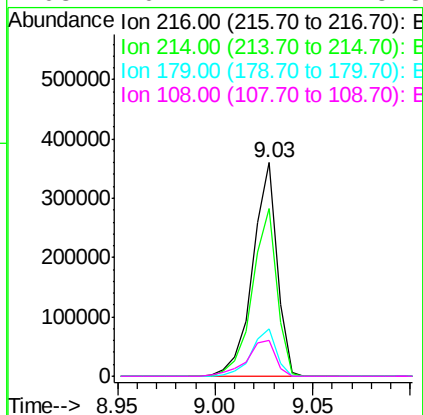
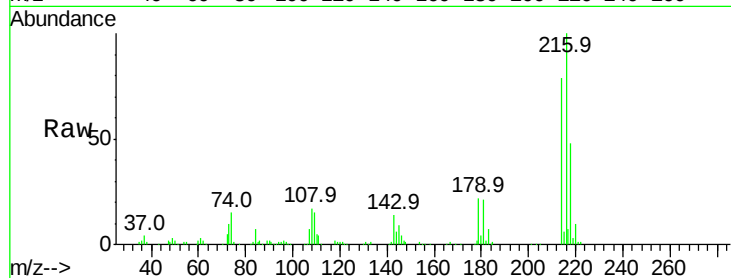




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.078 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

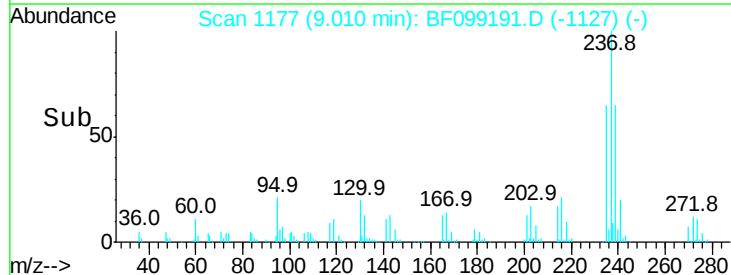
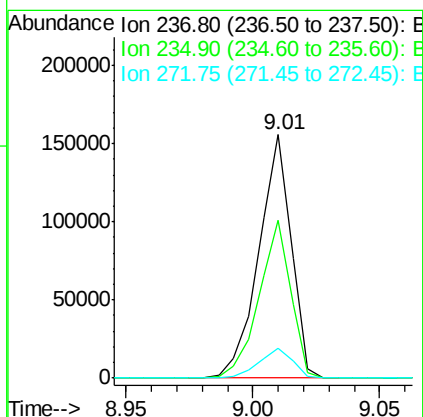
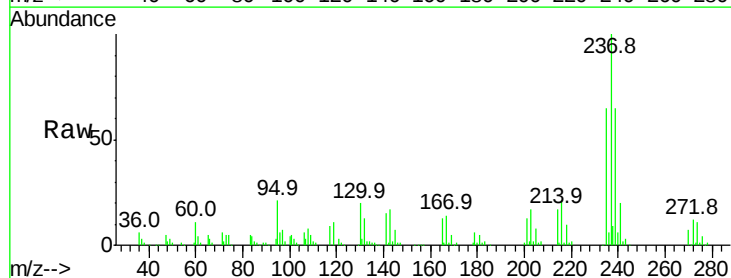
Instrument :
 BNA_F
 ClientSampleId :

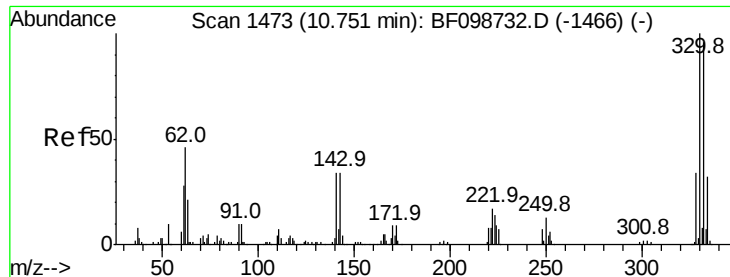
Tot Ion:	216	Resp:	312154
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	22.6	18.1	27.1
108	20.2	17.2	25.8



#40
 Hexachlorocyclopentadiene
 Concen: 42.086 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion:	237	Resp:	139370
Ion	Ratio	Lower	Upper
237	100		
235	64.6	44.8	84.8
272	12.4	0.0	33.3

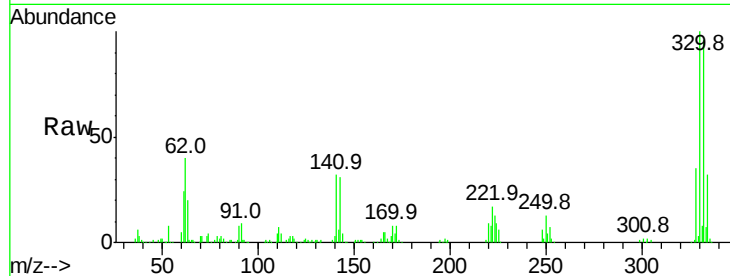




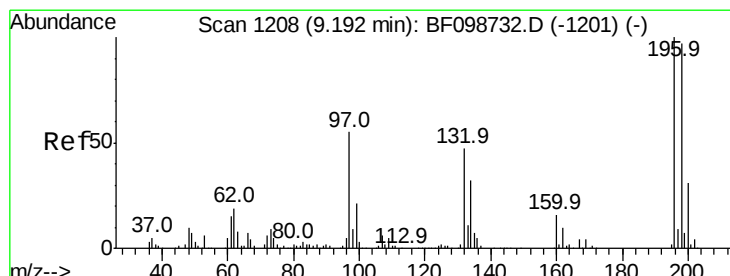
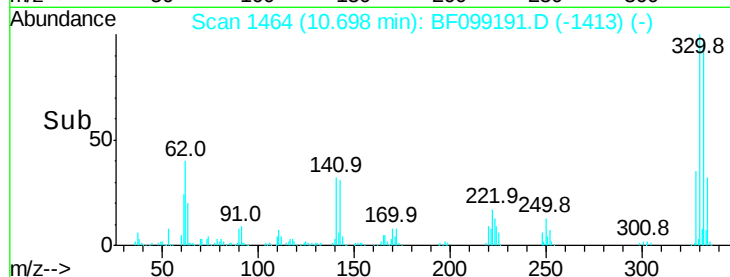
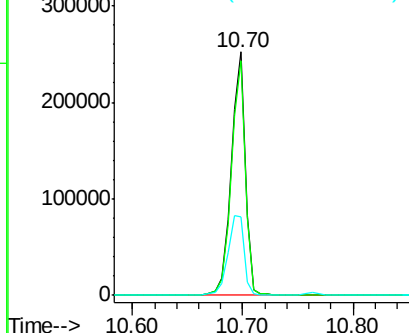
#41
 2,4,6-Tribromophenol
 Concen: 114.515 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	37.7	29.9	44.9

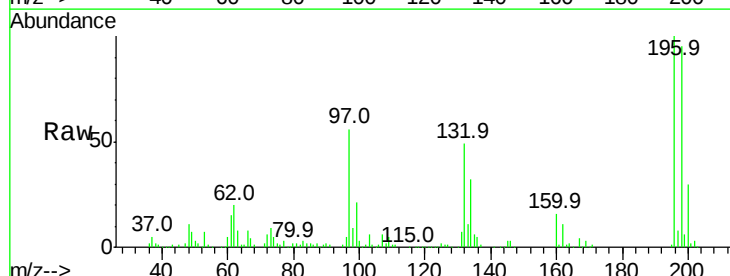


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

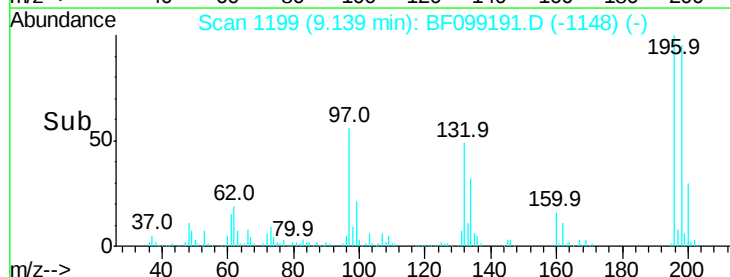
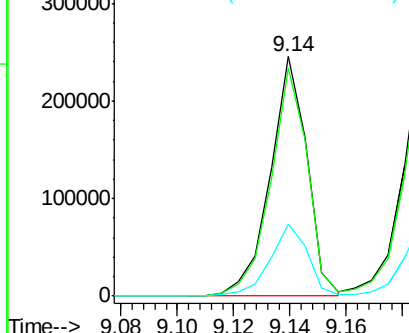


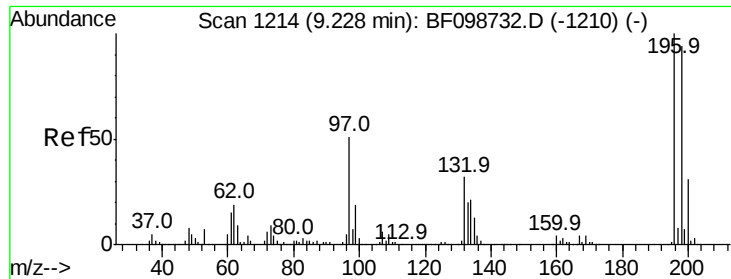
#42
 2,4,6-Trichlorophenol
 Concen: 43.109 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.7	113.5
200	30.2	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

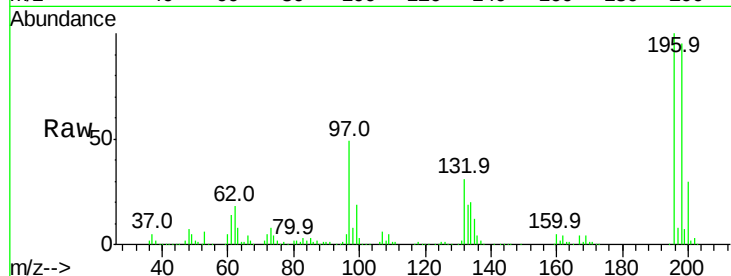




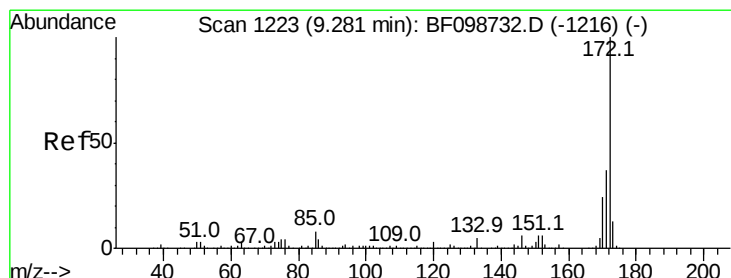
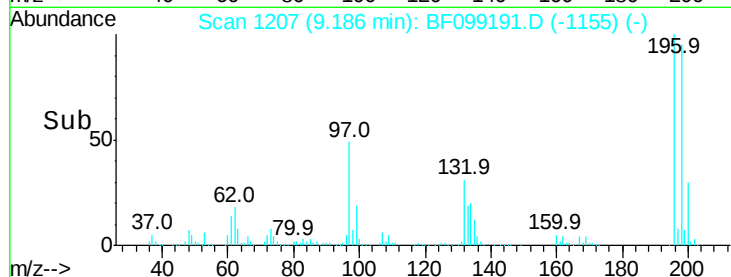
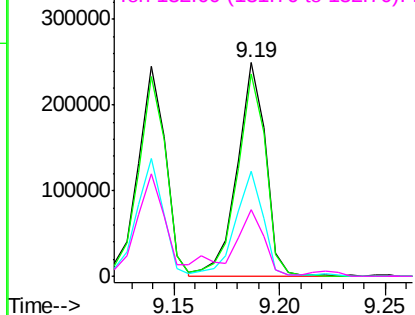
#43
 2,4,5-Trichlorophenol
 Concen: 44.981 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	230507
Ion	Ratio	Lower	Upper
196	100		
198	94.9	74.6	112.0
97	49.3	42.9	64.3
132	31.3	26.3	39.5

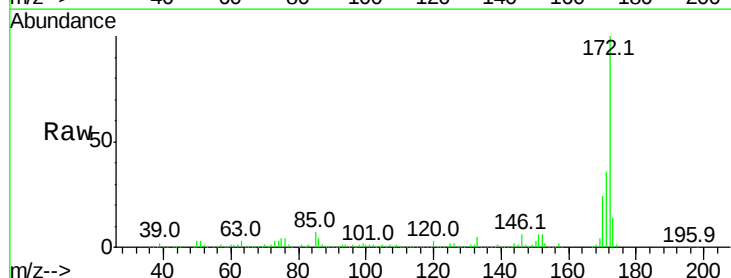


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

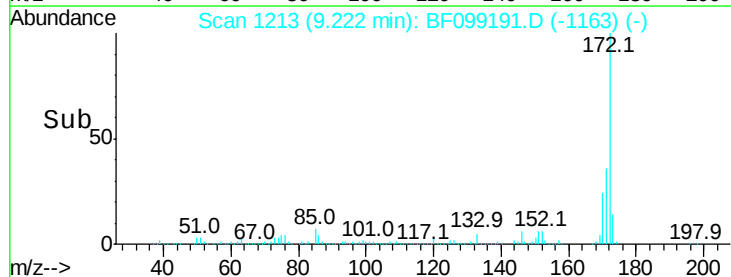
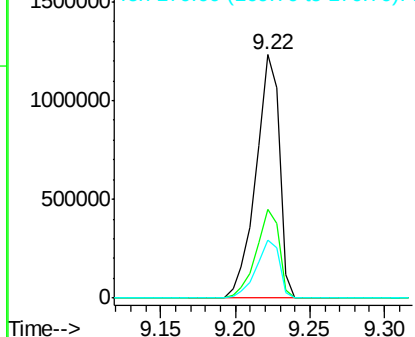


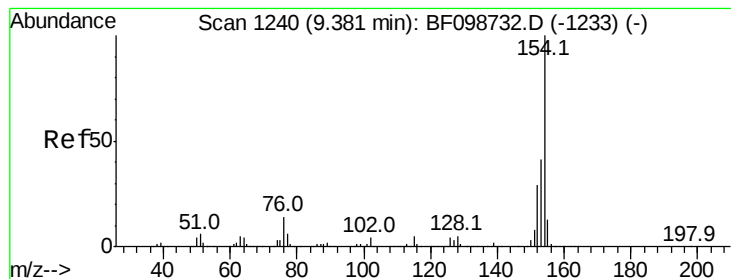
#44
 2-Fluorobiphenyl
 Concen: 91.325 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion:	172	Resp:	1329200
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	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: 43.298 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampleId :

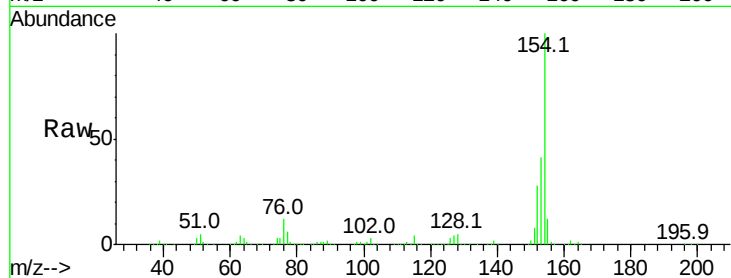
Tot Ion:154 Resp: 904156

Ion Ratio Lower Upper

154 100

153 40.7 21.3 61.3

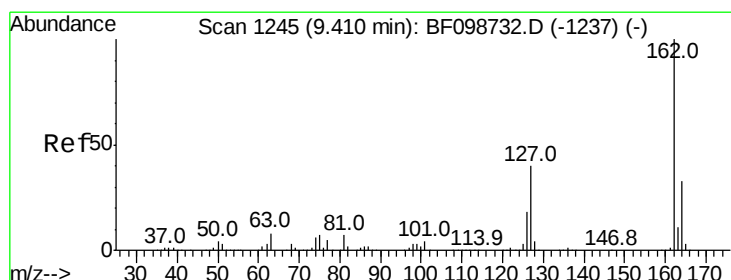
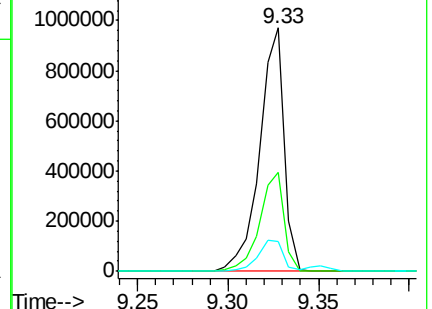
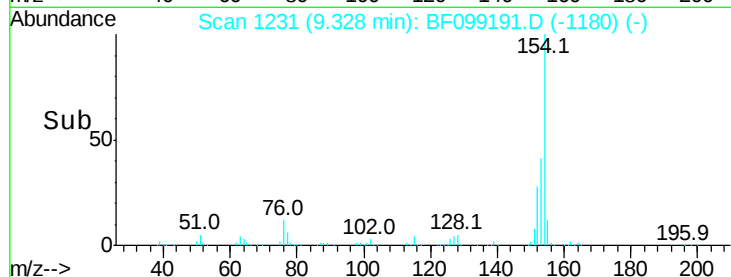
76 12.1 0.0 34.0



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: 45.382 ng

RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

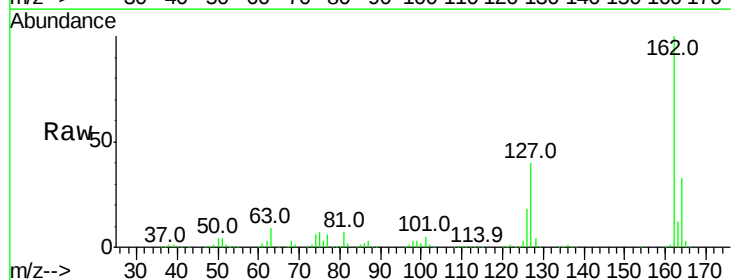
Tgt Ion:162 Resp: 711536

Ion Ratio Lower Upper

162 100

127 40.2 33.9 50.9

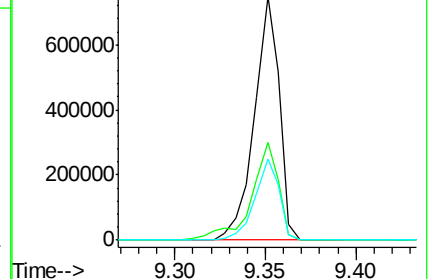
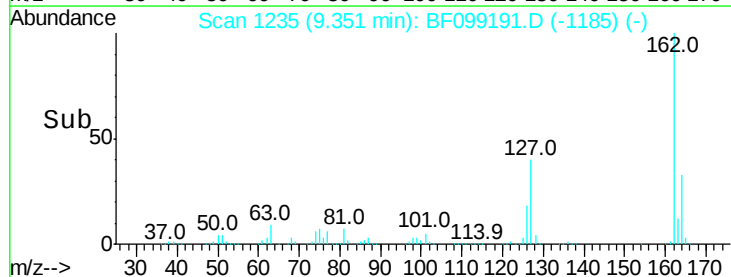
164 33.1 26.5 39.7

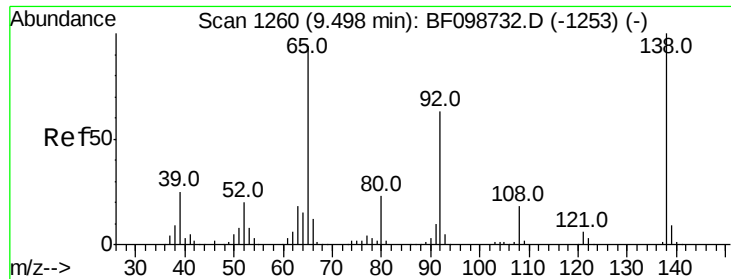


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

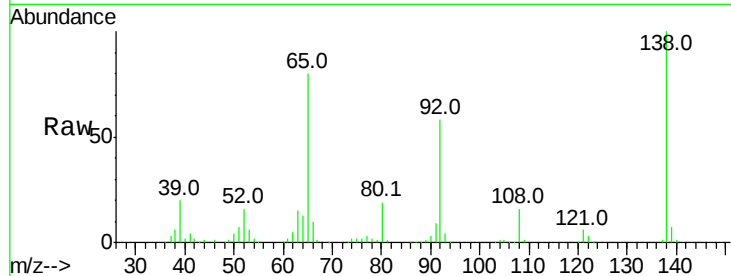




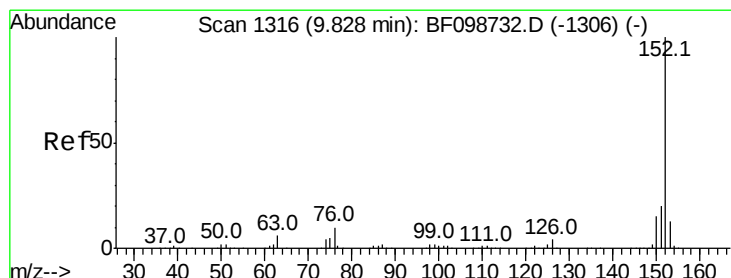
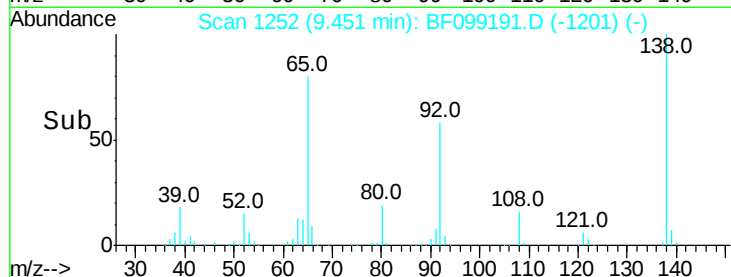
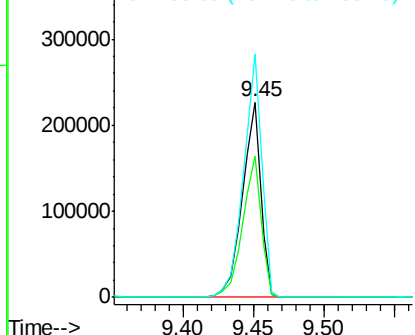
#47
 2-Nitroaniline
 Concen: 43.106 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 206948
 Ion Ratio Lower Upper
 65 100
 92 72.5 55.8 83.6
 138 124.7 91.2 136.8

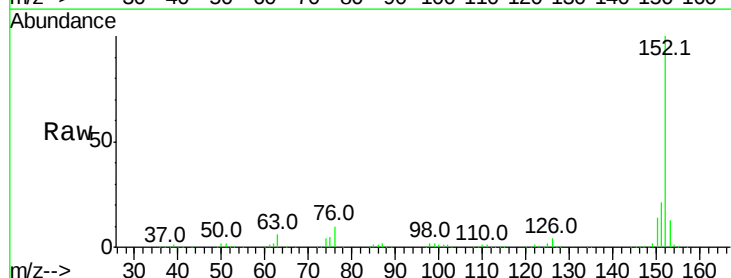


Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E

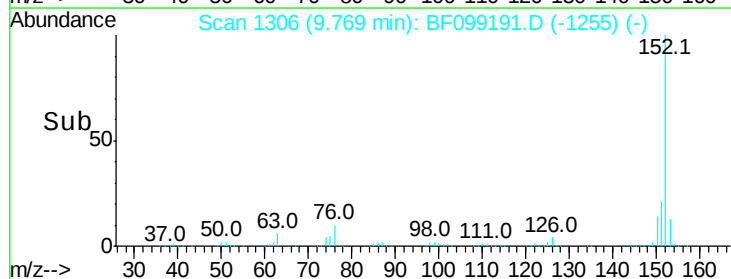
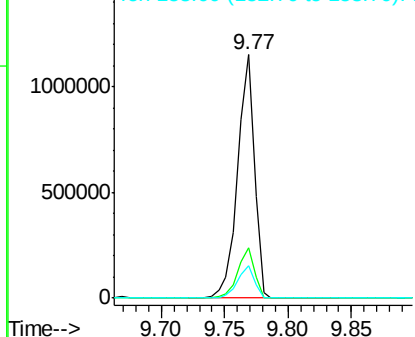


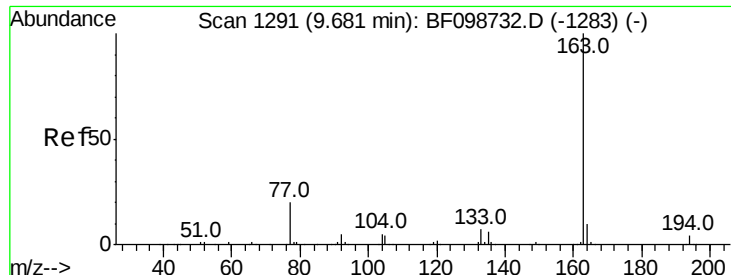
#48
 Acenaphthylene
 Concen: 43.635 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion:152 Resp: 1047323
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 13.2 10.7 16.1



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

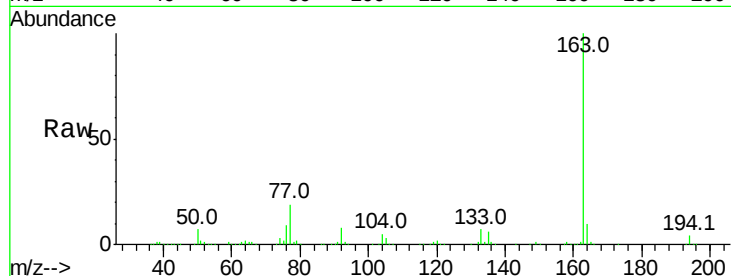




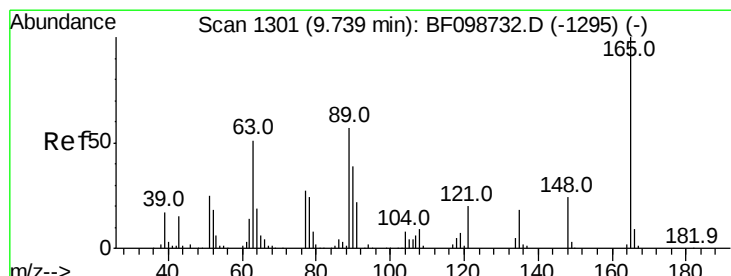
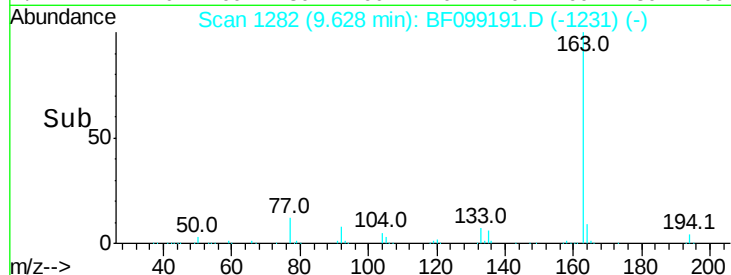
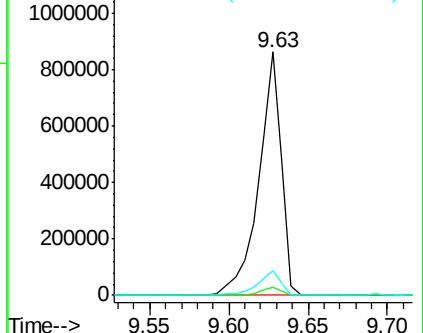
#49
Dimethylphthalate
Concen: 46.589 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 854369
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.1 8.2 12.2

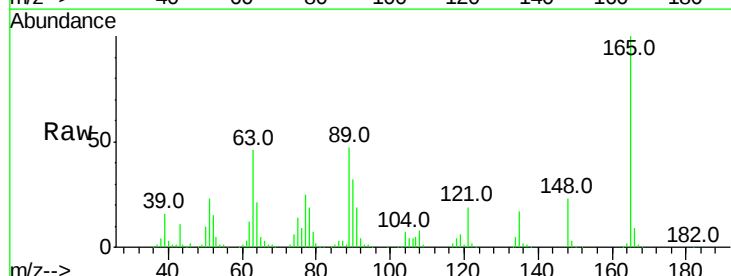


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

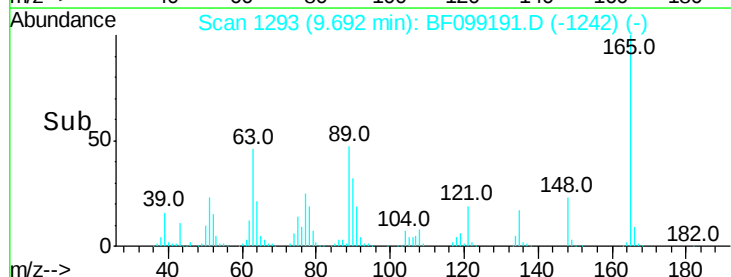
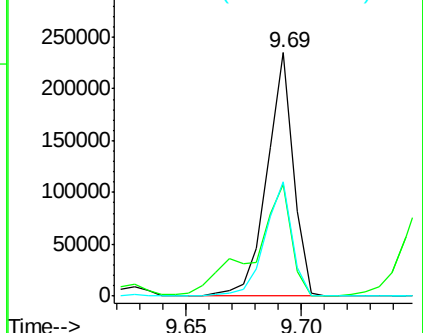


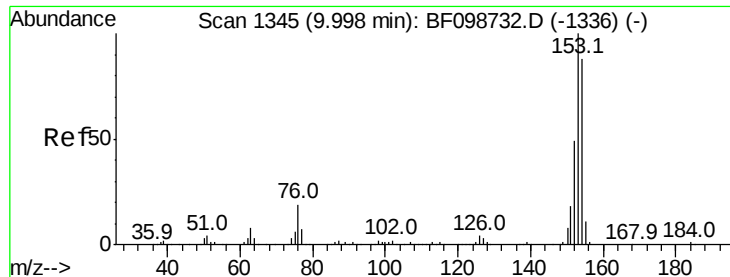
#50
2,6-Dinitrotoluene
Concen: 46.817 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion:165 Resp: 186912
Ion Ratio Lower Upper
165 100
63 45.8 44.7 67.1
89 46.8 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.643 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampleId :

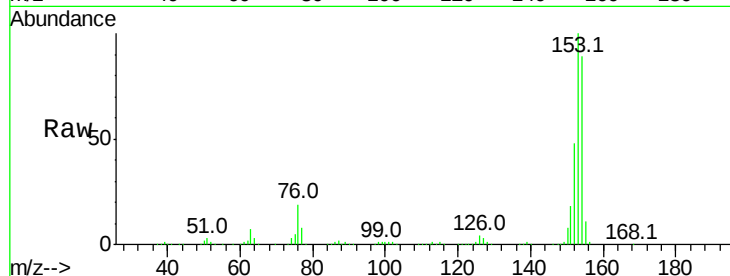
Tot Ion:154 Resp: 617927

Ion Ratio Lower Upper

154 100

153 112.5 91.2 136.8

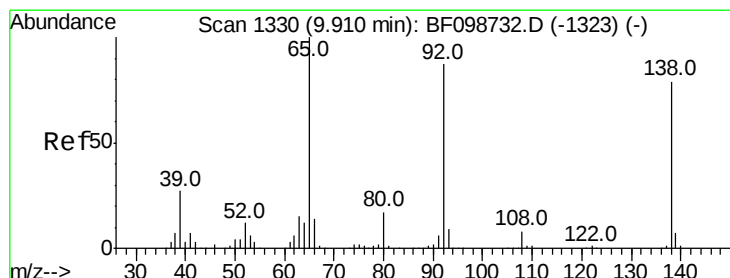
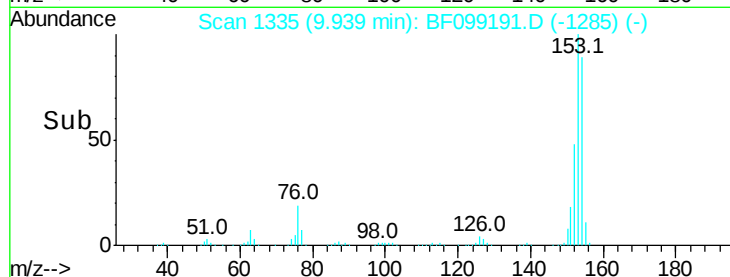
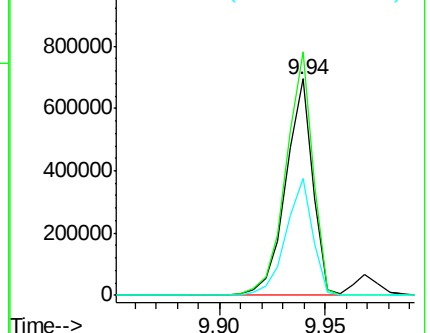
152 54.1 43.8 65.8



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: 28.188 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

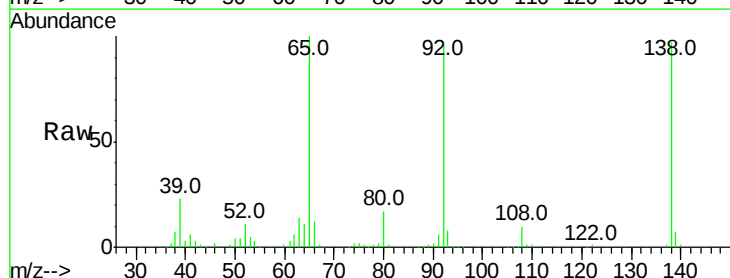
Tgt Ion:138 Resp: 131221

Ion Ratio Lower Upper

138 100

108 10.2 9.4 14.0

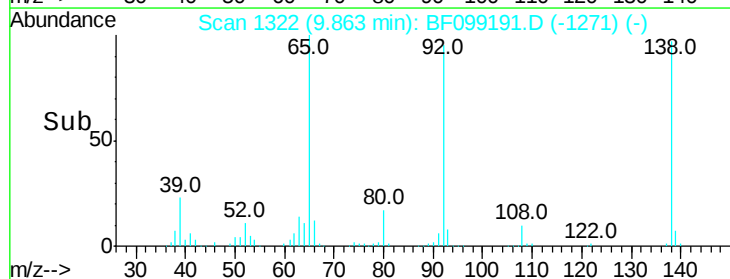
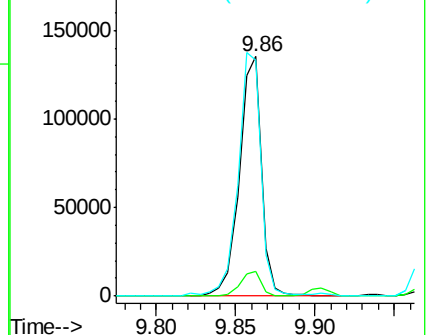
92 98.2 89.4 134.2

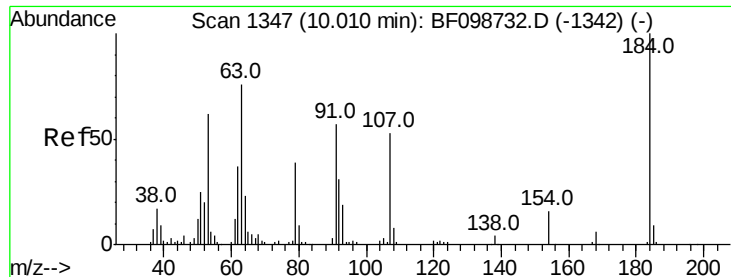


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

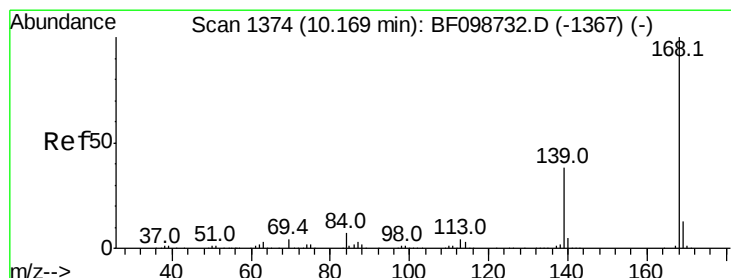
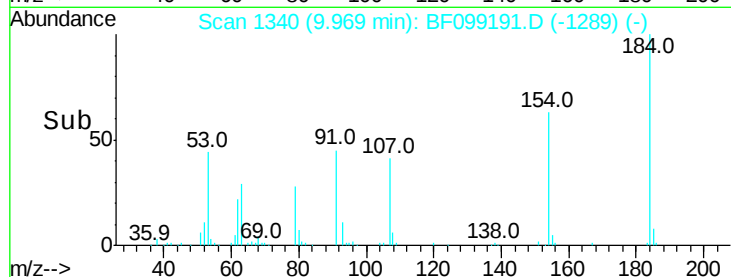
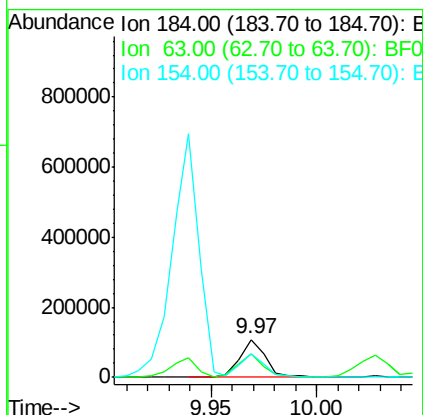
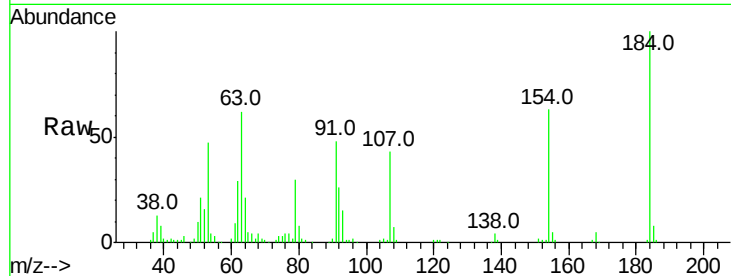




#53
2,4-Dinitrophenol
Concen: 46.737 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

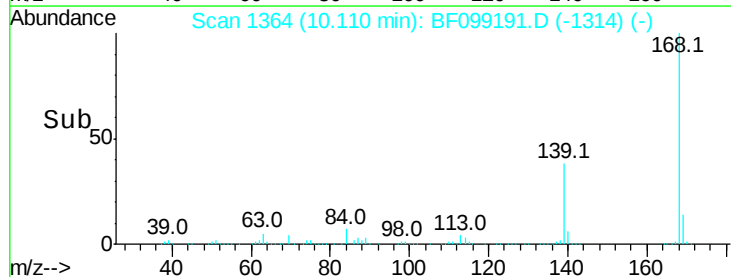
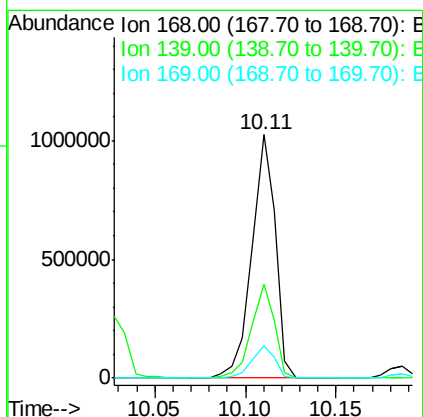
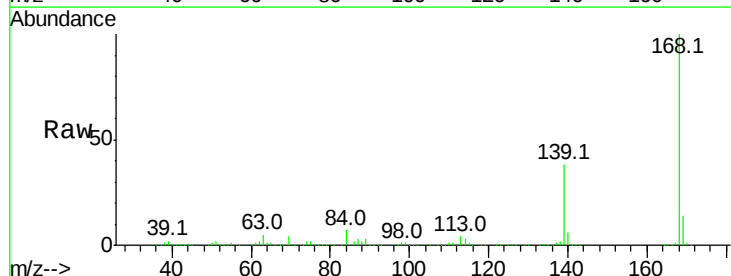
Instrument :
BNA_F
ClientSampled :

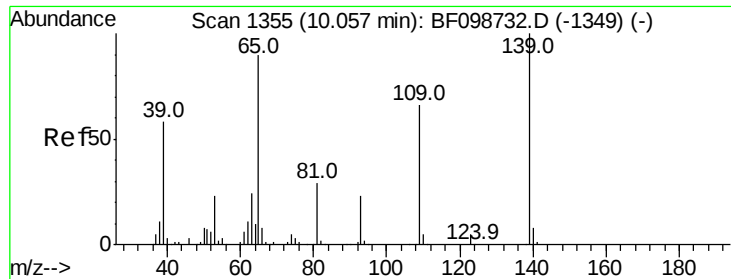
Tot Ion:184 Resp: 91713
Ion Ratio Lower Upper
184 100
63 61.9 54.2 81.2
154 62.9 53.5 80.3



#54
Dibenzofuran
Concen: 45.541 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion:168 Resp: 921899
Ion Ratio Lower Upper
168 100
139 38.4 30.1 45.1
169 13.5 10.9 16.3





#55

4-Nitrophenol

Concen: 67.030 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampleId :

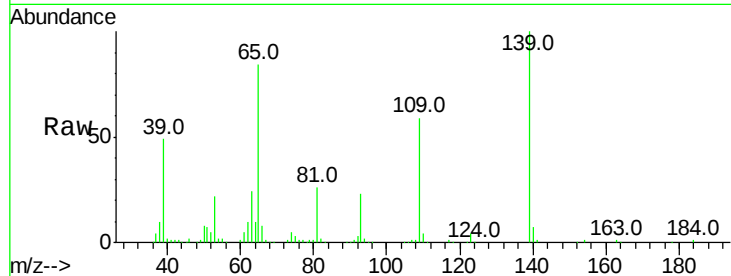
Tot Ion:139 Resp: 263849

Ion Ratio Lower Upper

139 100

109 58.8 48.4 88.4

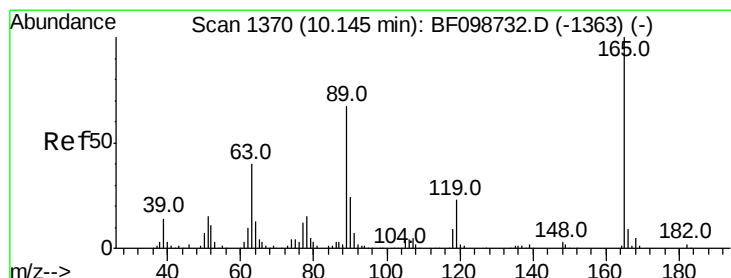
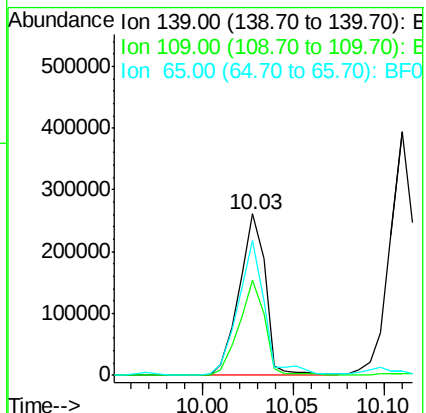
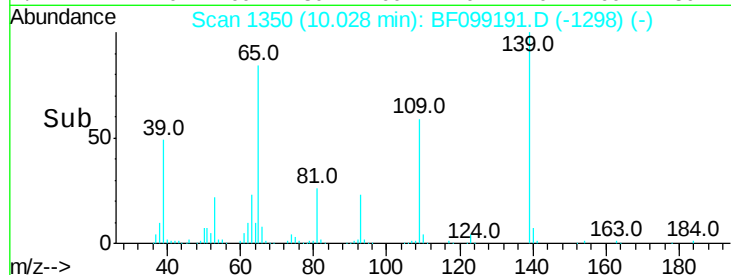
65 83.8 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.057 ng

RT: 10.10 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Tgt Ion:165 Resp: 233461

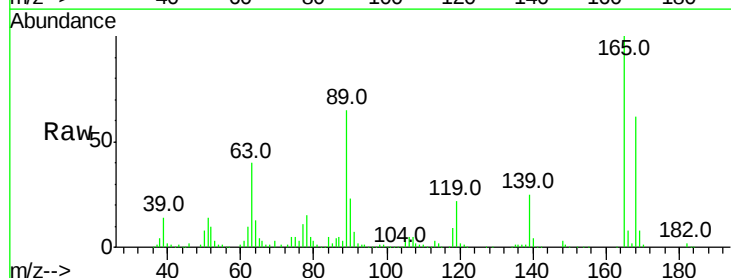
Ion Ratio Lower Upper

165 100

63 40.4 36.4 54.6

89 64.8 57.8 86.6

182 2.2 1.6 2.4

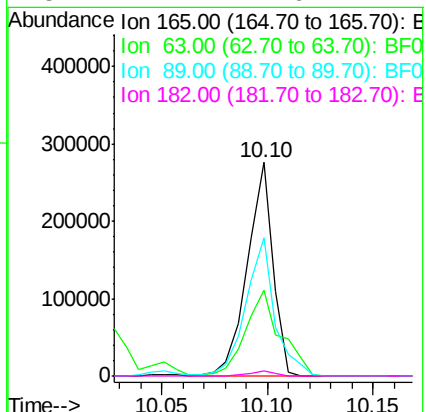
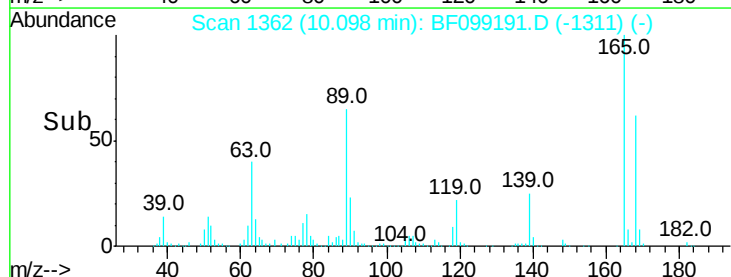


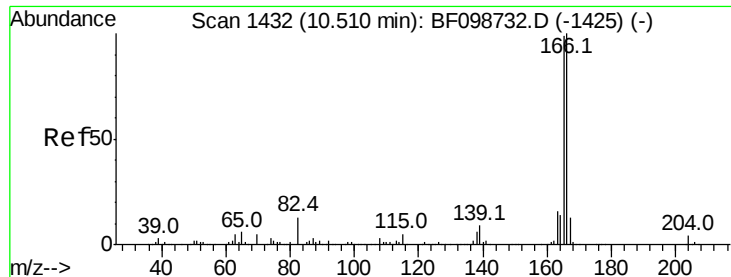
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

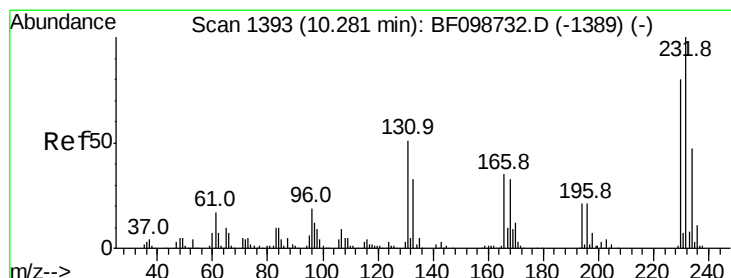
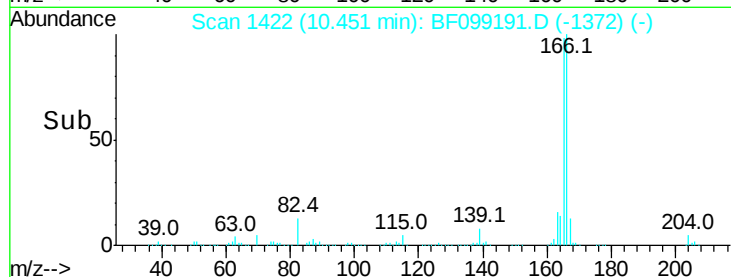
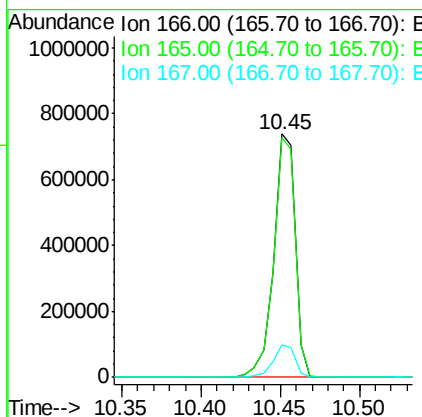
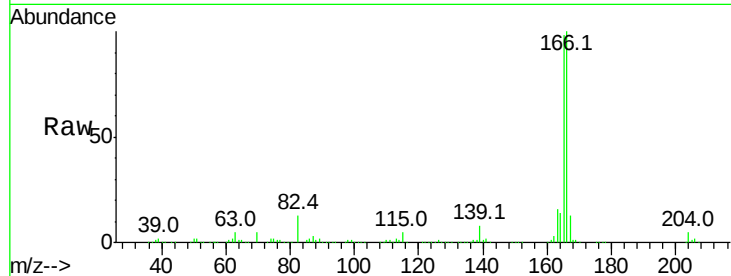




#57
Fluorene
 Concen: 43.169 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

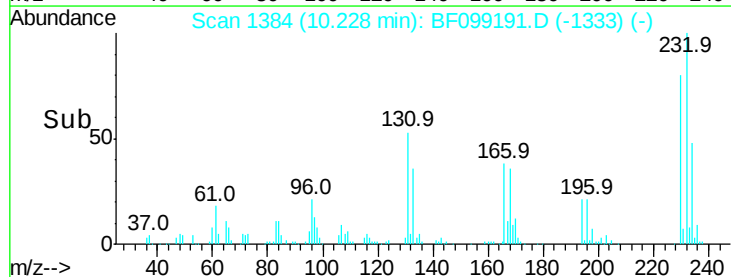
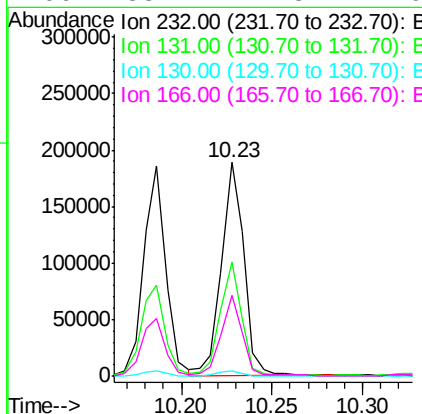
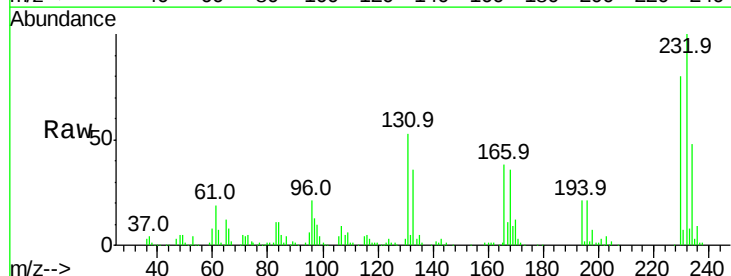
Instrument :
 BNA_F
 ClientSampleId :

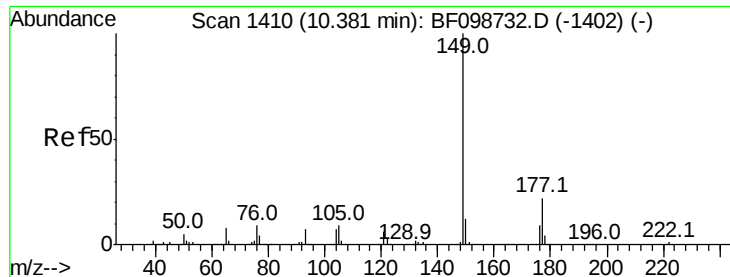
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.8	119.8
167	13.4	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.940 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.5	43.8	65.8
130	2.4	2.1	3.1
166	35.4	27.8	41.6

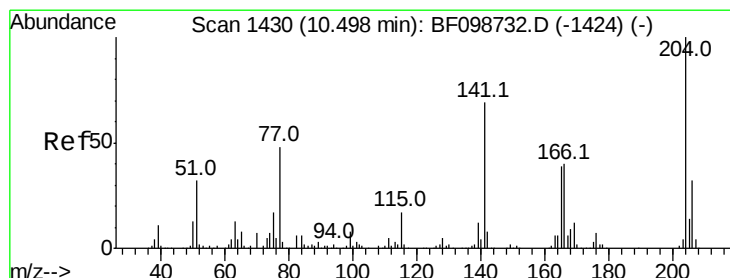
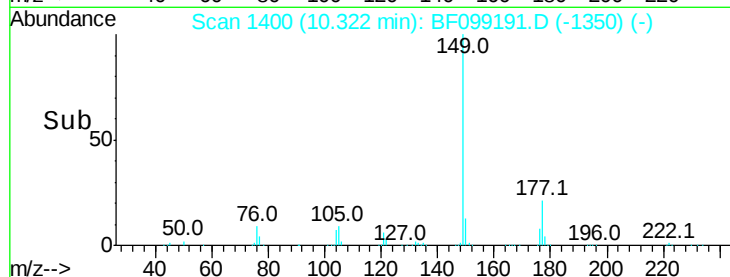
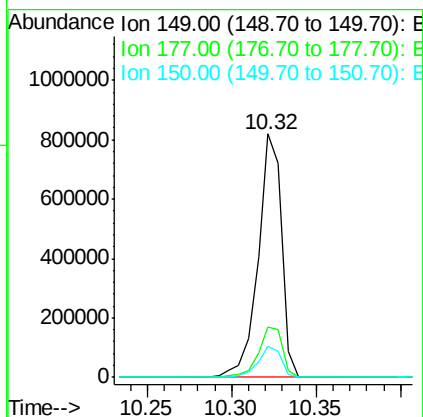
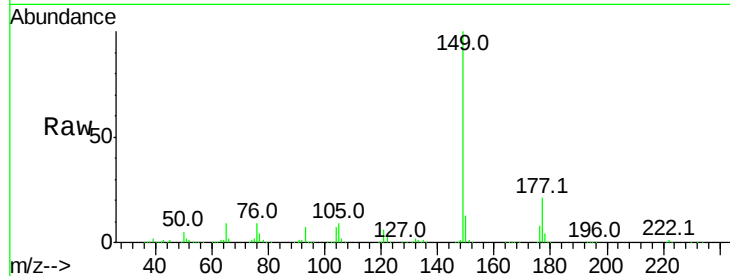




#59
Diethylphthalate
Concen: 44.085 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

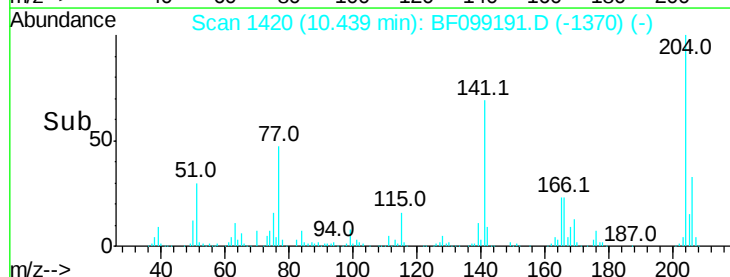
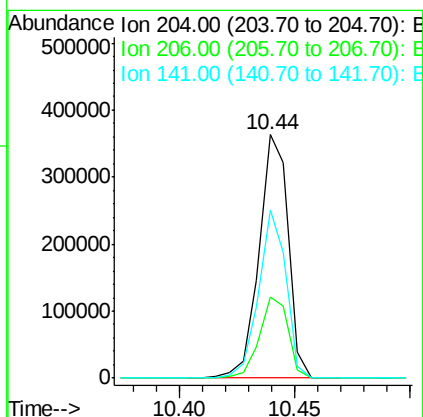
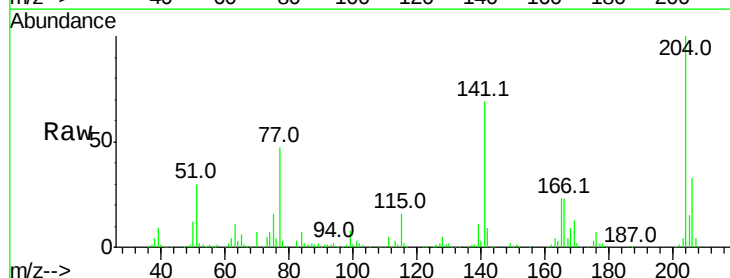
Instrument :
BNA_F
ClientSampled :

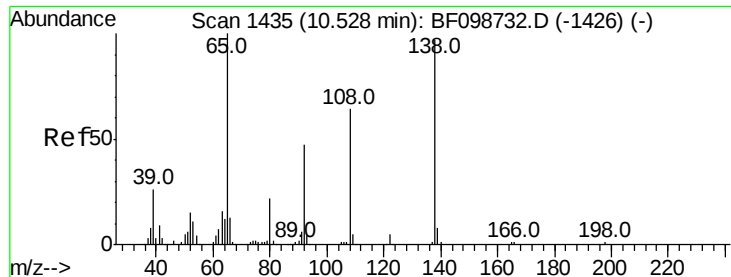
Tot Ion:149 Resp: 789978
Ion Ratio Lower Upper
149 100
177 20.6 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 43.697 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion:204 Resp: 319378
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 69.2 54.6 81.8

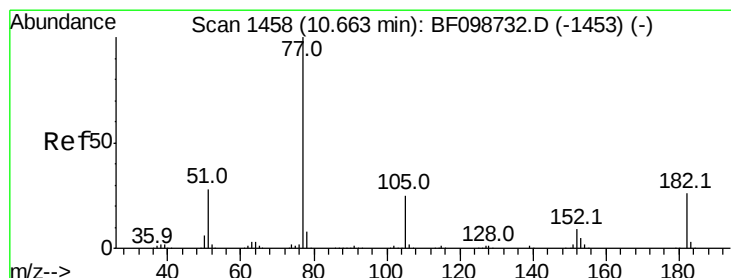
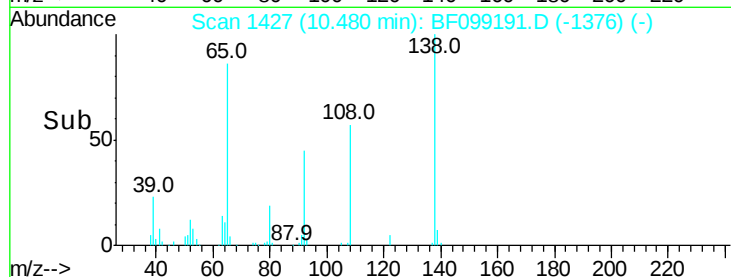
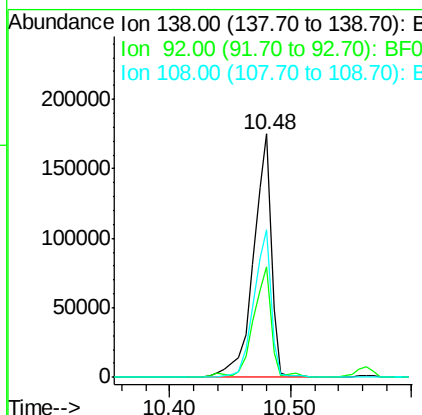
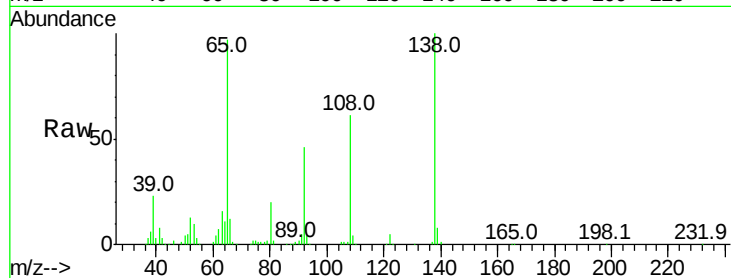




#61
4-Nitroaniline
Concen: 40.739 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

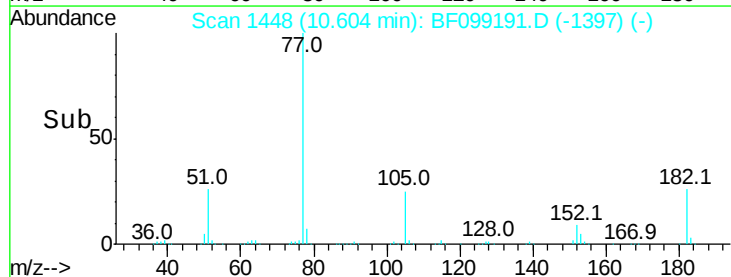
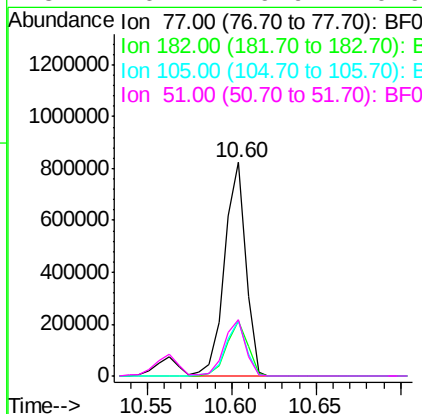
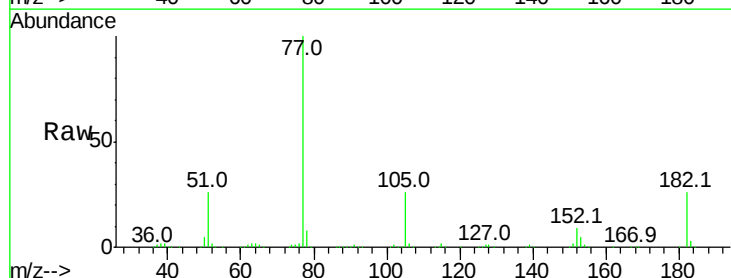
Instrument :
BNA_F
ClientSampleId :

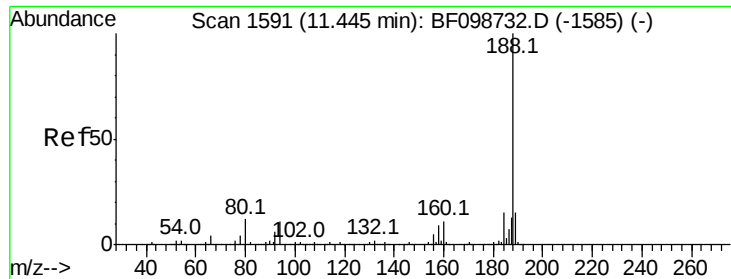
Tot Ion:138 Resp: 182964
Ion Ratio Lower Upper
138 100
92 45.5 30.2 70.2
108 60.5 52.5 92.5



#62
Azobenzene
Concen: 43.457 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion: 77 Resp: 716010
Ion Ratio Lower Upper
77 100
182 25.8 1.7 41.7
105 25.7 3.0 43.0
51 26.4 9.9 49.9

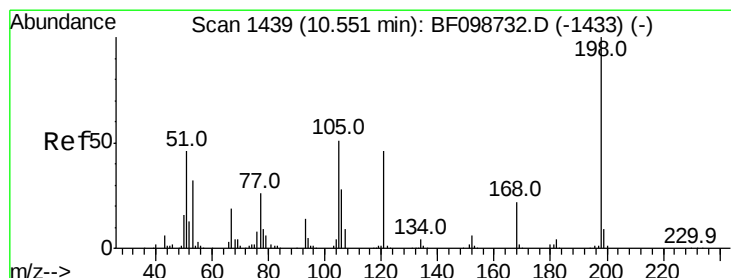
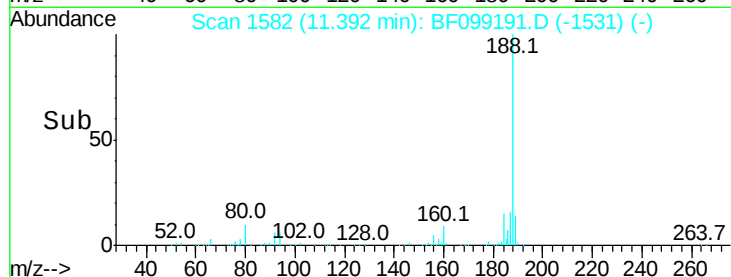
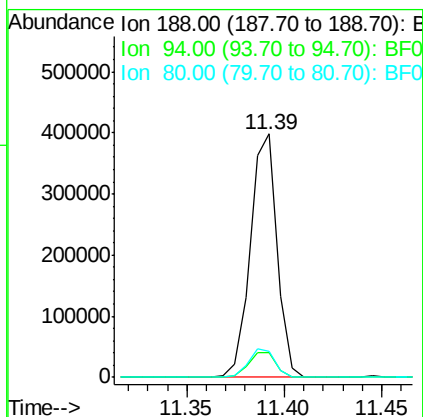
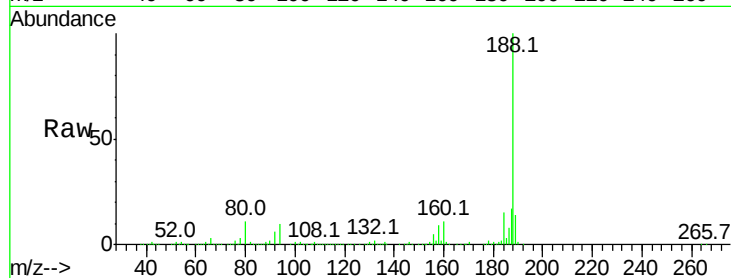




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

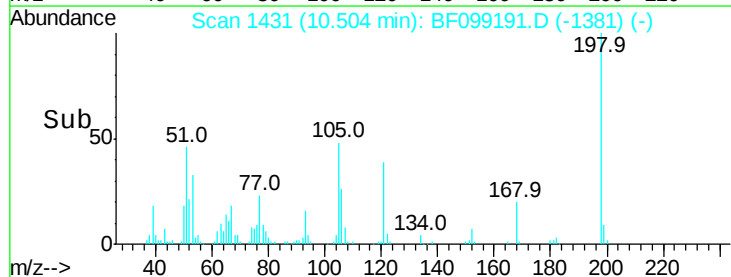
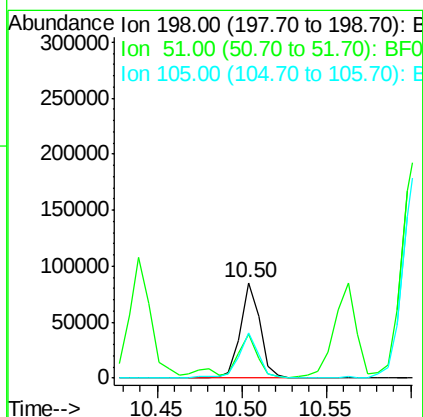
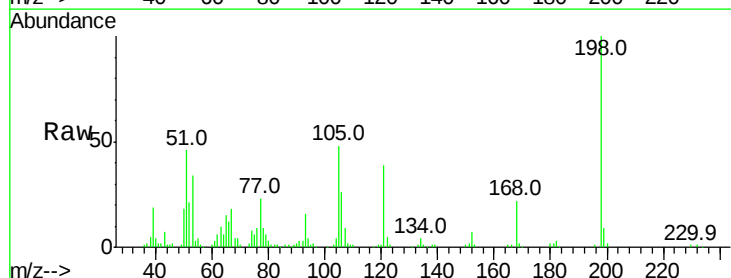
Instrument :
BNA_F
ClientSampleId :

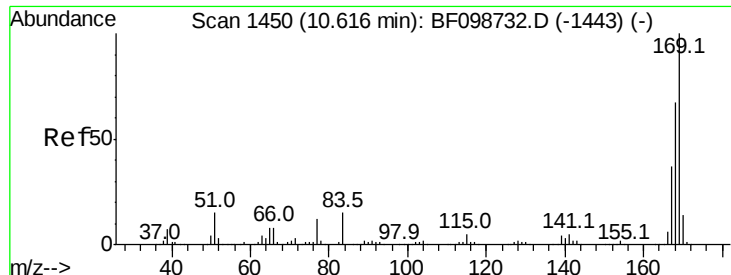
Tot Ion:188 Resp: 376348
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 30.141 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion:198 Resp: 69017
Ion Ratio Lower Upper
198 100
51 45.8 37.7 77.7
105 48.2 36.3 76.3

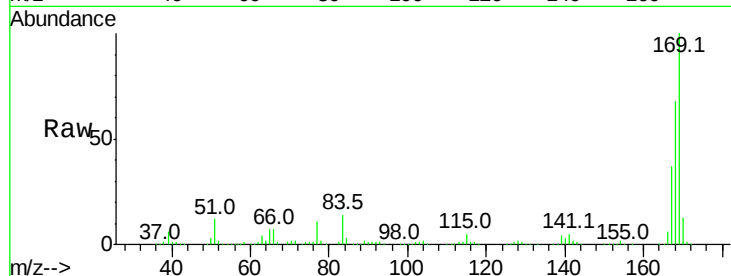




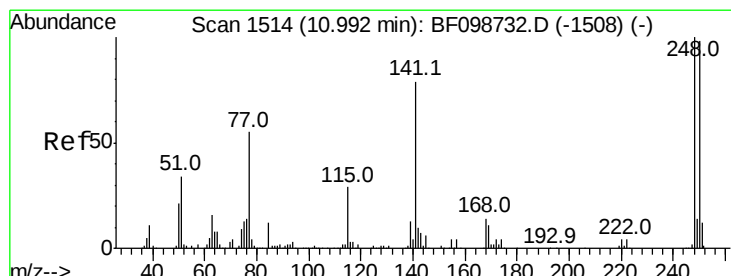
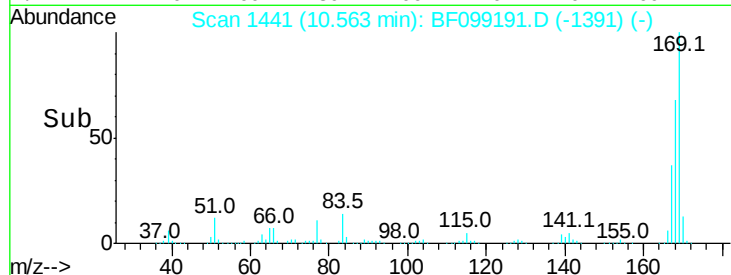
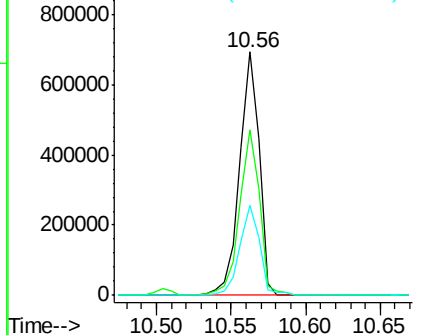
#65
 n-Nitrosodiphenylamine
 Concen: 48.907 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 637639
 Ion Ratio Lower Upper
 169 100
 168 67.8 54.4 81.6
 167 36.8 29.8 44.6

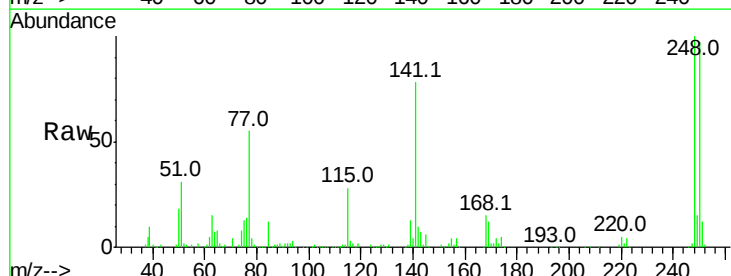


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

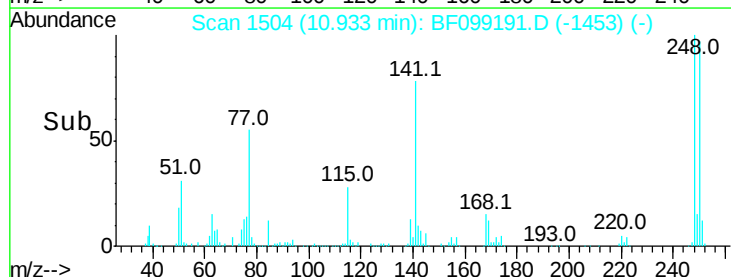
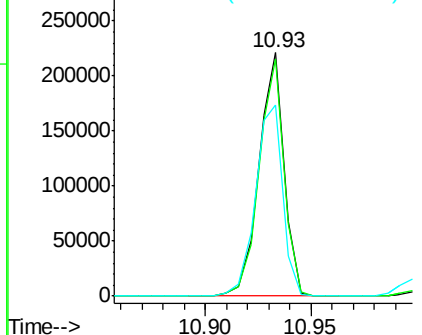


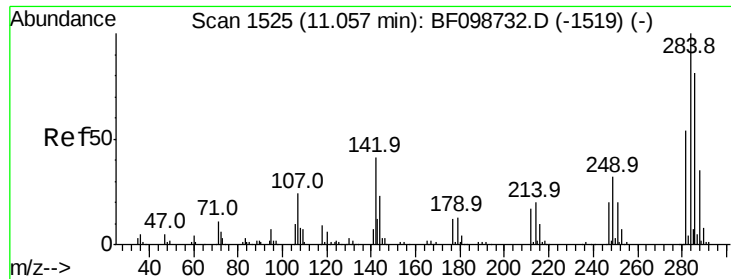
#66
 4-Bromophenyl-phenylether
 Concen: 49.772 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion:248 Resp: 183351
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.9 115.3
 141 78.4 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

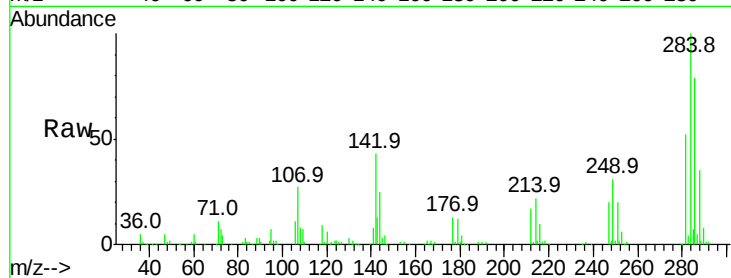




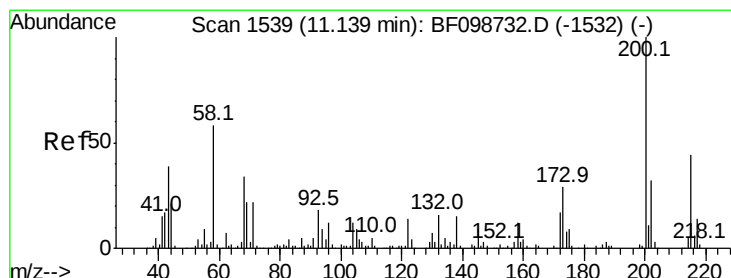
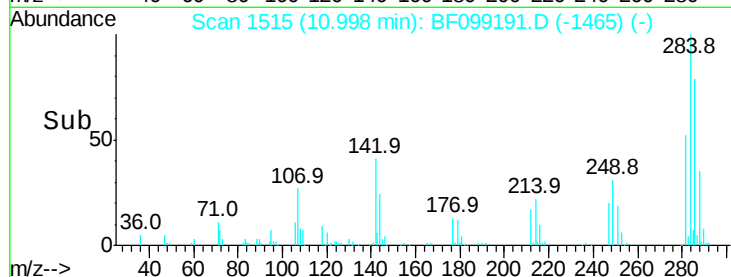
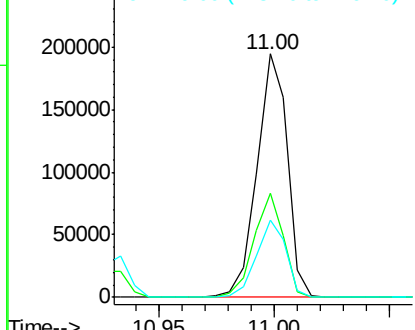
#67
Hexachlorobenzene
Concen: 45.289 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	42.6	34.6	52.0
249	31.5	24.8	37.2

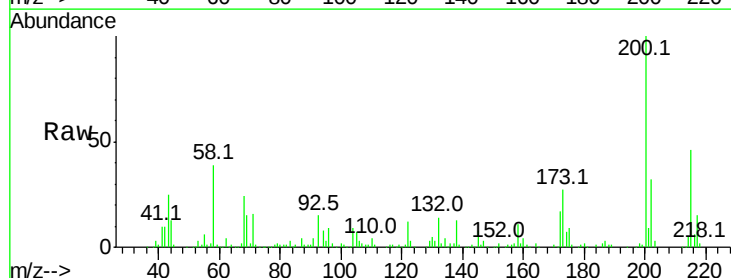


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

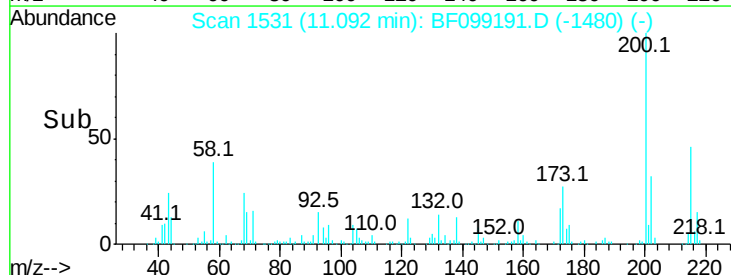
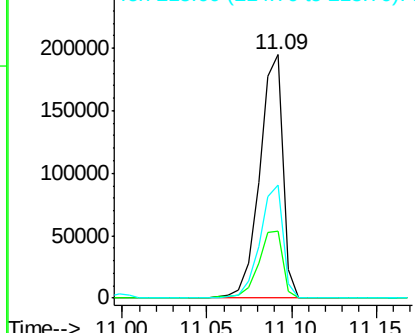


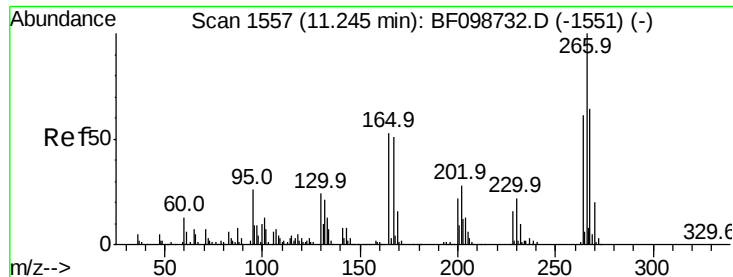
#68
Atrazine
Concen: 47.379 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.4	8.6	48.6
215	46.4	25.1	65.1



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

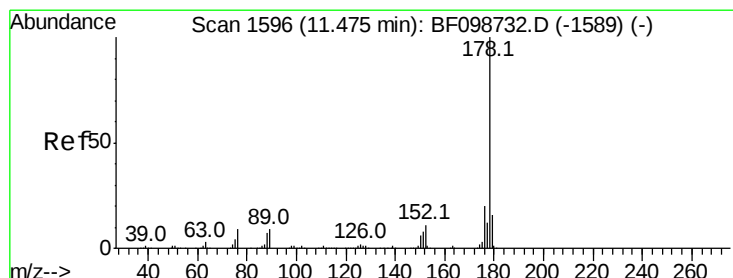
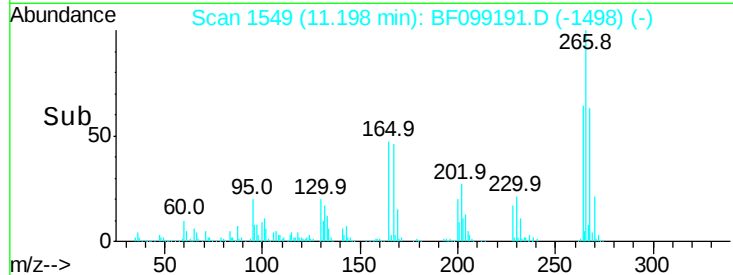
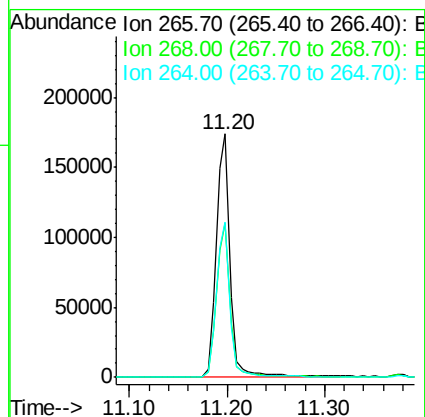
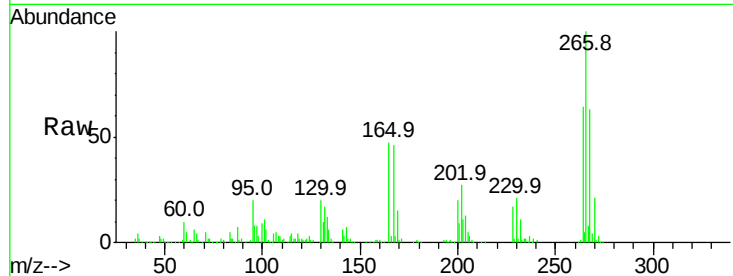




#69
 Pentachlorophenol
 Concen: 69.971 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

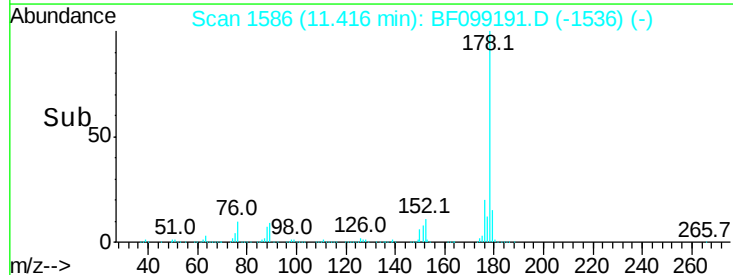
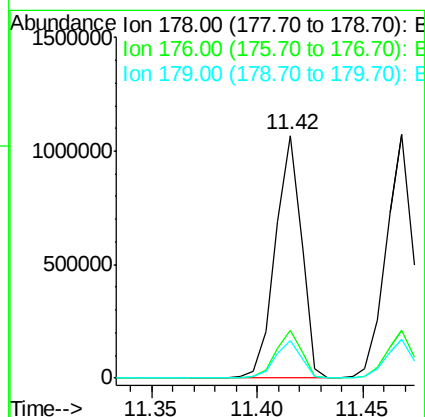
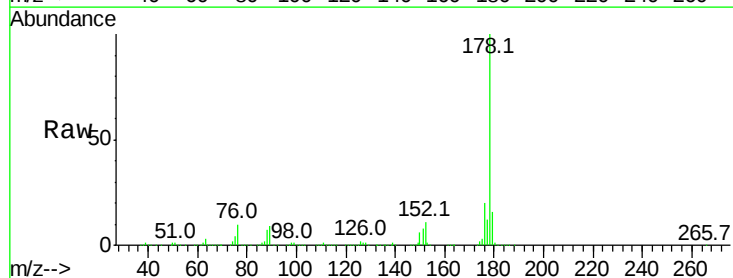
Instrument :
 BNA_F
 ClientSampleId :

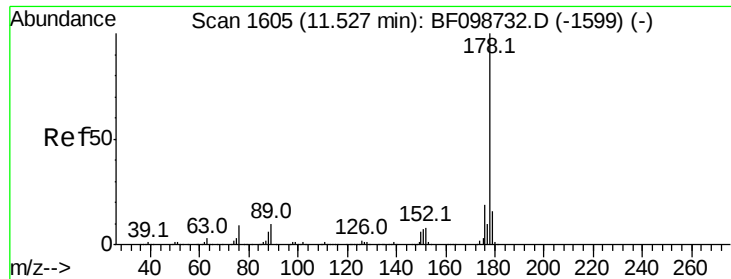
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.7	49.5	74.3



#70
 Phenanthrene
 Concen: 45.695 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.5	13.0	19.6

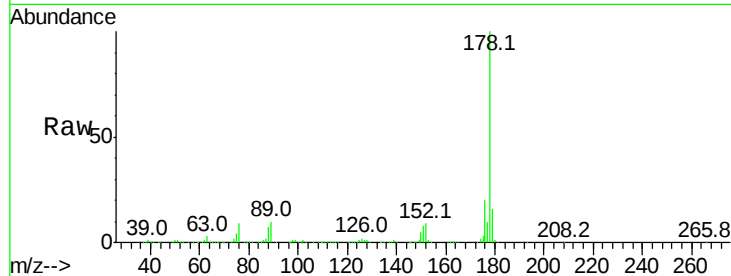




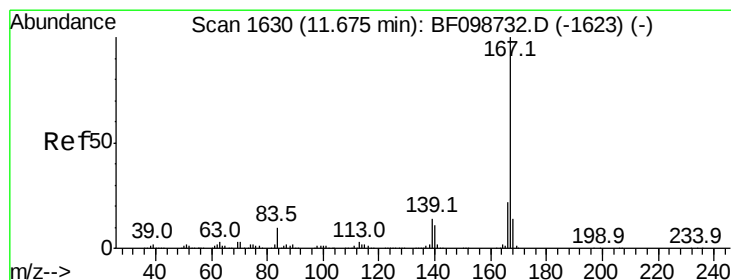
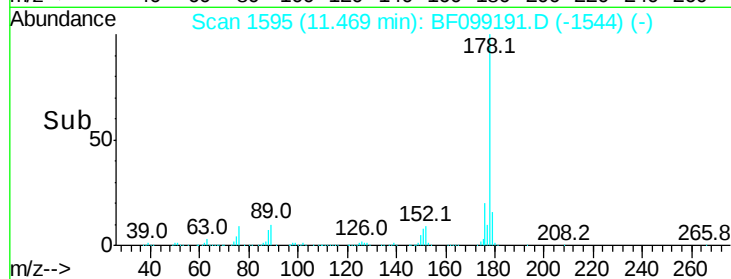
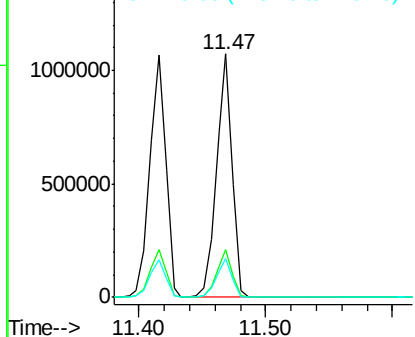
#71
 Anthracene
 Concen: 45.308 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:178 Resp: 933884
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 16.1 12.6 19.0

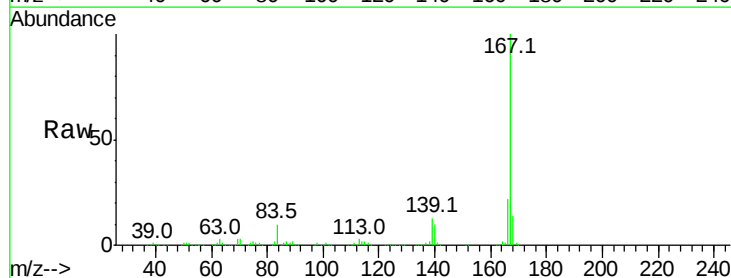


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

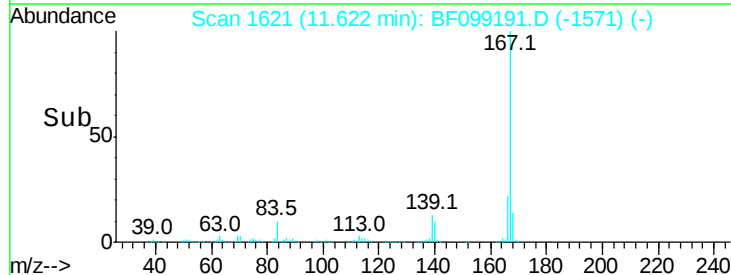
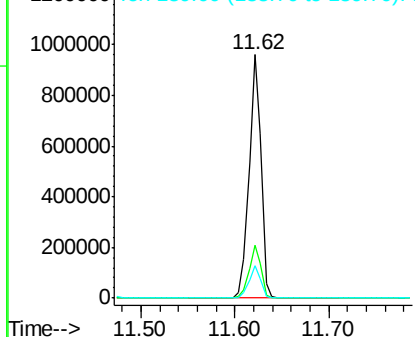


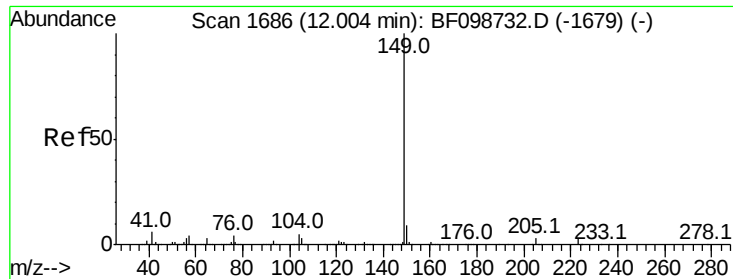
#72
 Carbazole
 Concen: 42.046 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. -0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion:167 Resp: 848691
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.5 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 47.165 ng

RT: 11.95 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampleId :

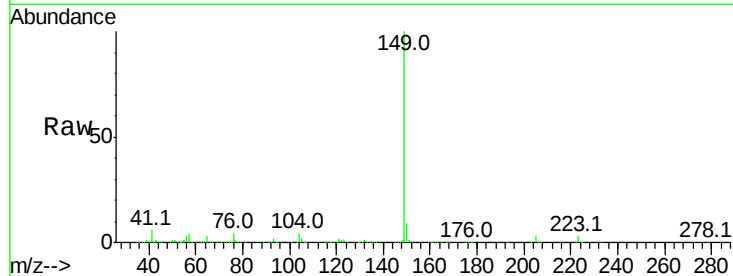
Tot Ion:149 Resp: 1145898

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

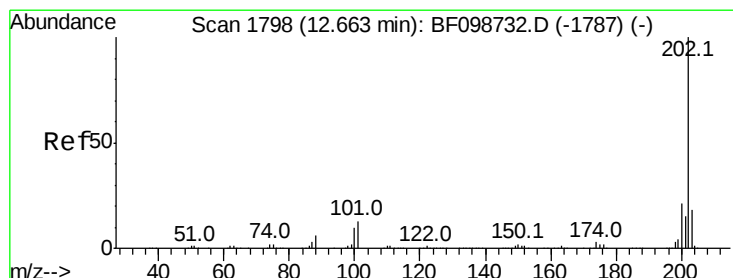
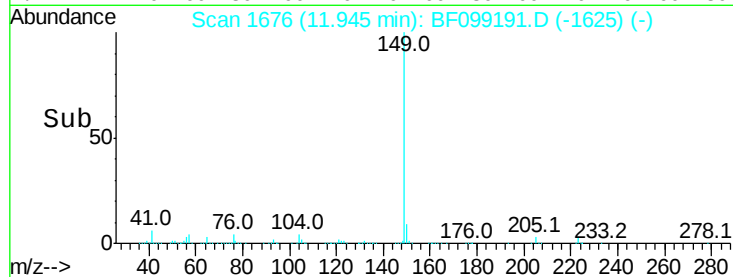
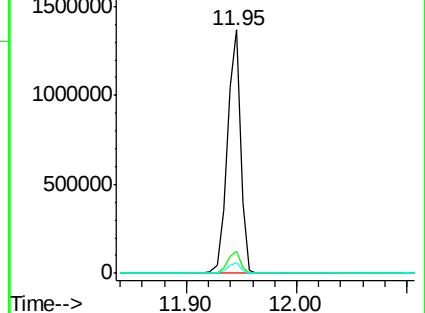
104 4.4 3.8 5.8



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: 39.769 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

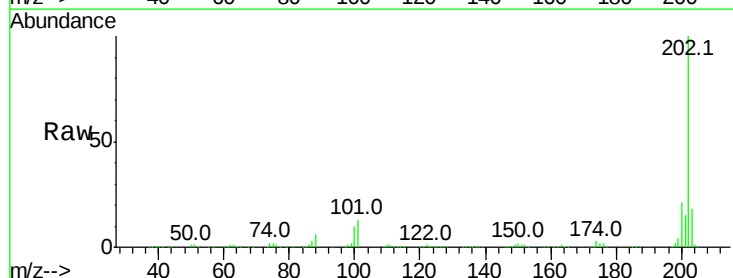
Tgt Ion:202 Resp: 811237

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

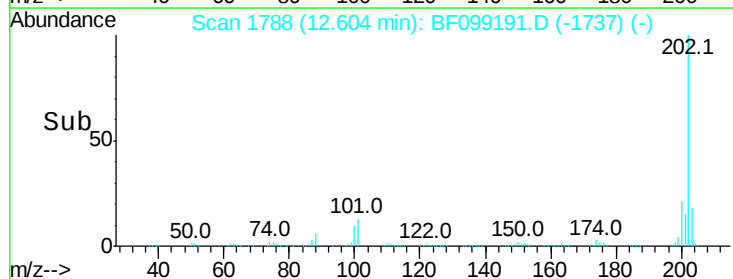
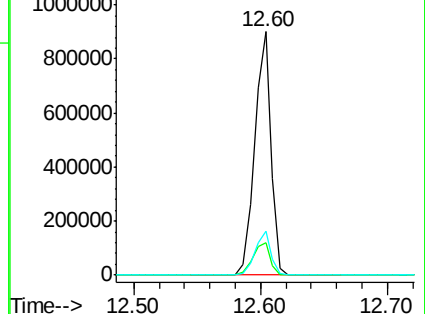
203 17.8 0.0 38.1

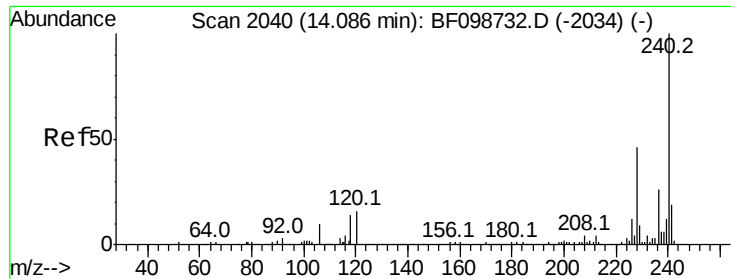


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampleId :

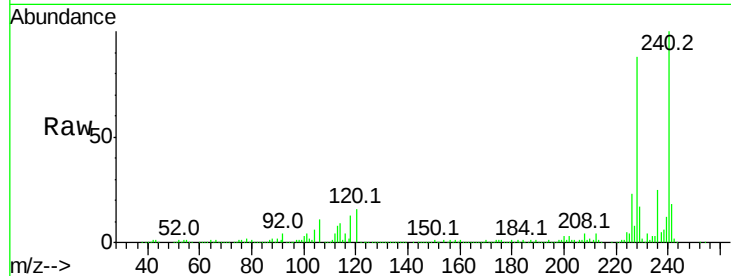
Tot Ion:240 Resp: 223125

Ion Ratio Lower Upper

240 100

120 15.8 9.5 14.3#

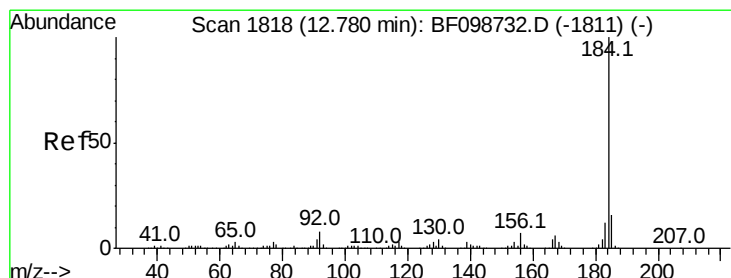
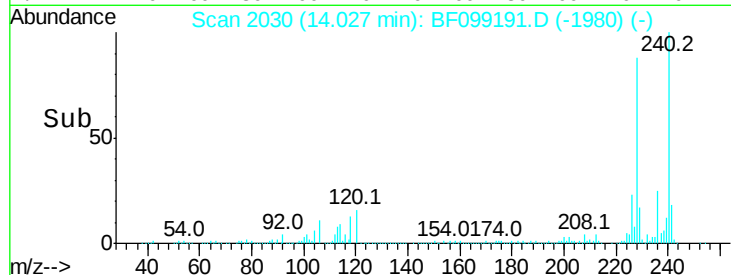
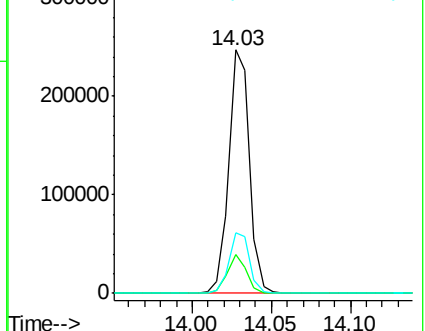
236 24.9 20.7 31.1



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: 5.091 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

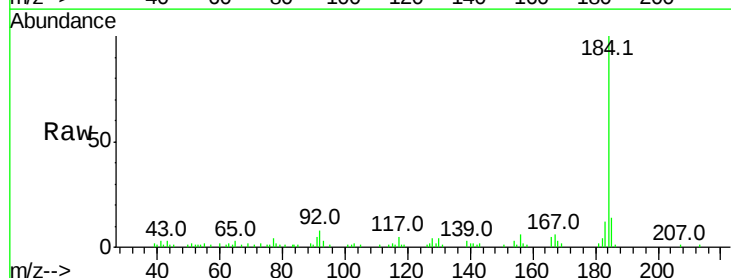
Tgt Ion:184 Resp: 42015

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

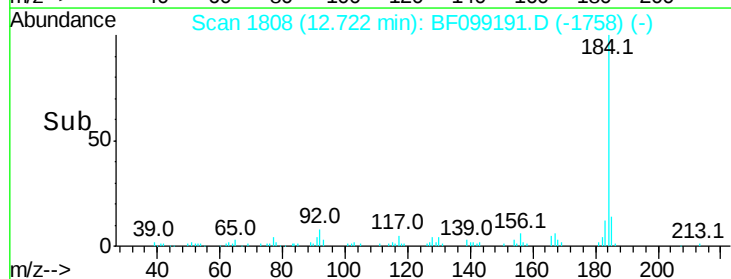
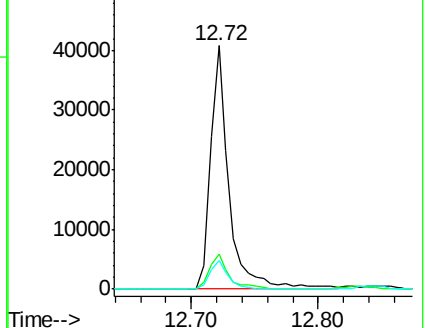
183 11.6 9.3 13.9

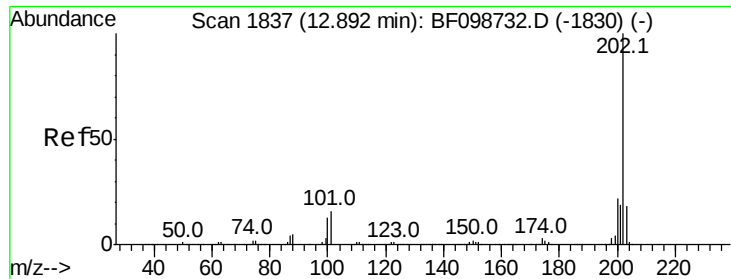


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

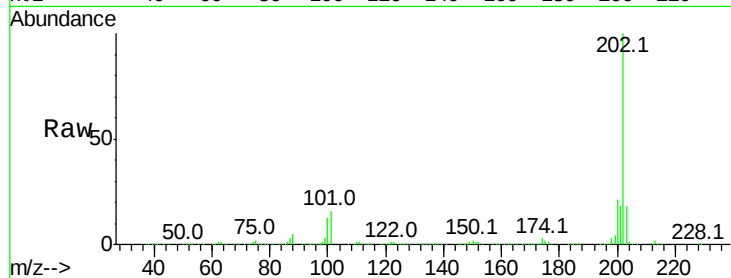




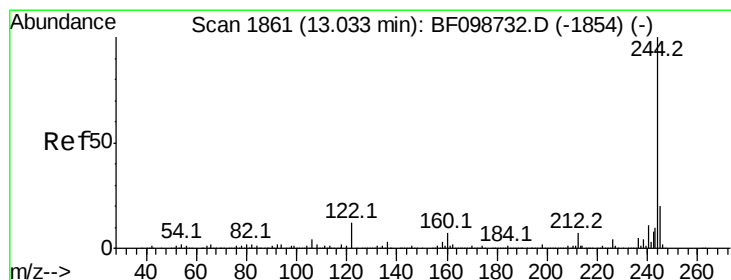
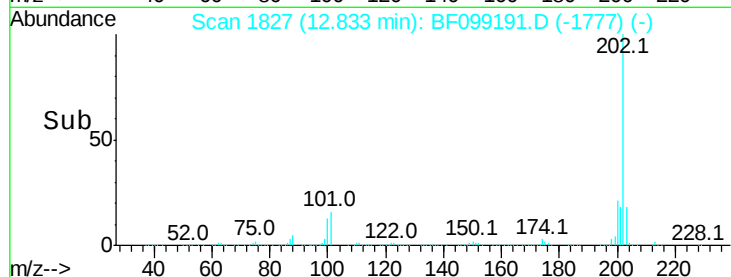
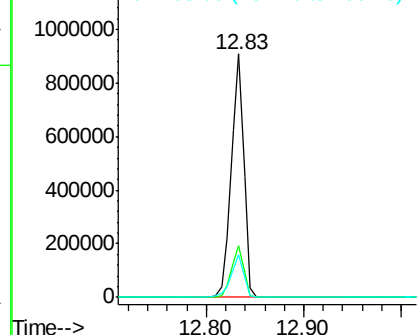
#77
Pvrene
Concen: 47.712 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 811774
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.8 14.3 21.5

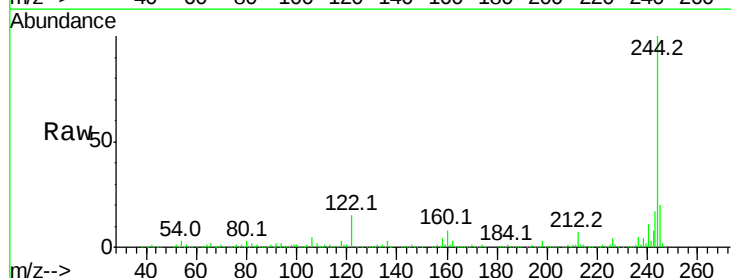


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

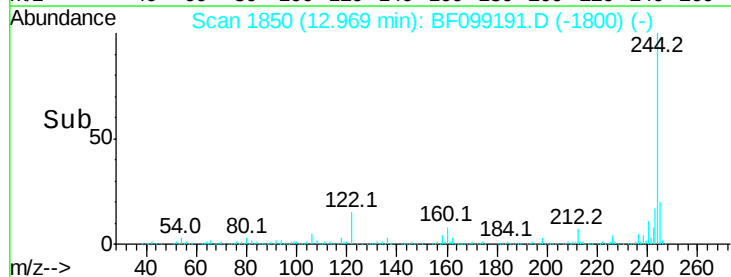
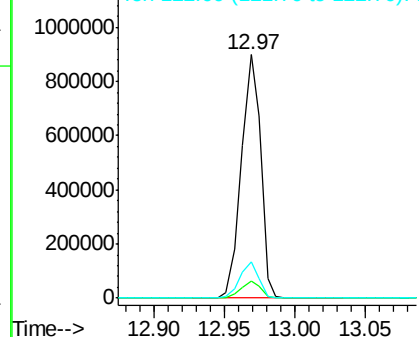


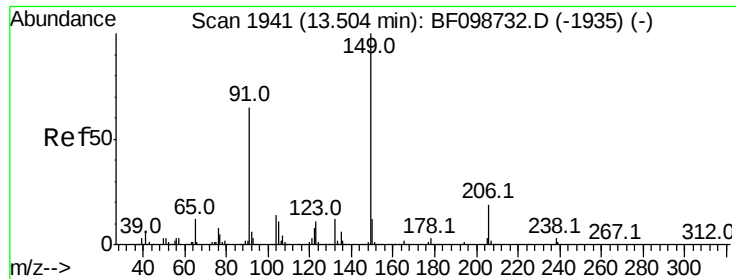
#78
Terphenyl-d14
Concen: 87.411 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion:244 Resp: 857599
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.0
122 14.8 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

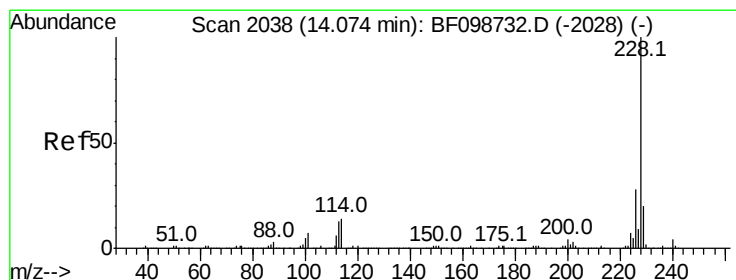
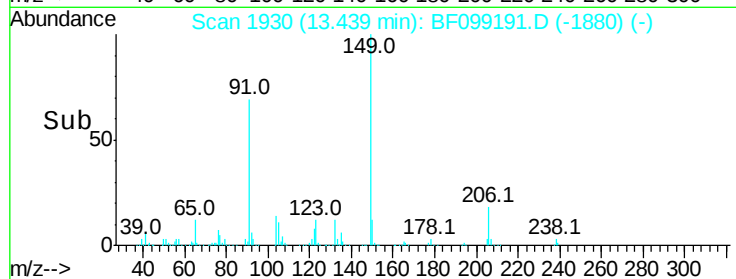
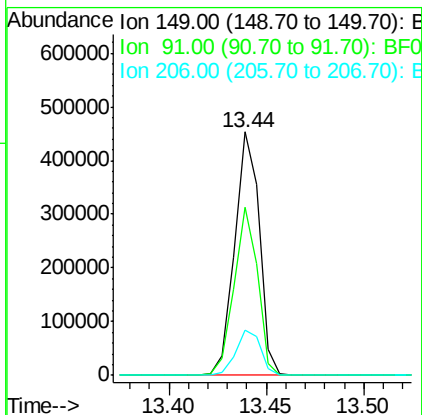
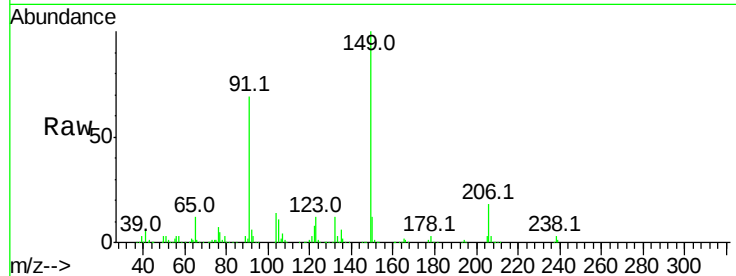




#79
Butylbenzylphthalate
Concen: 49.462 ng
RT: 13.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

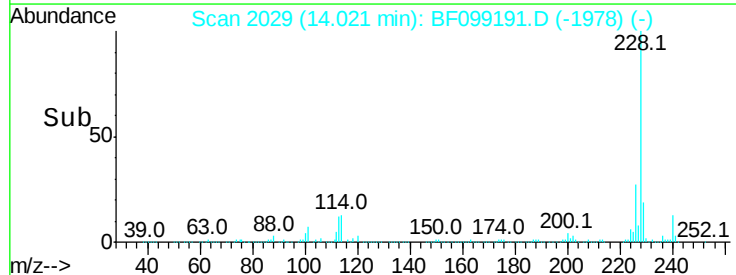
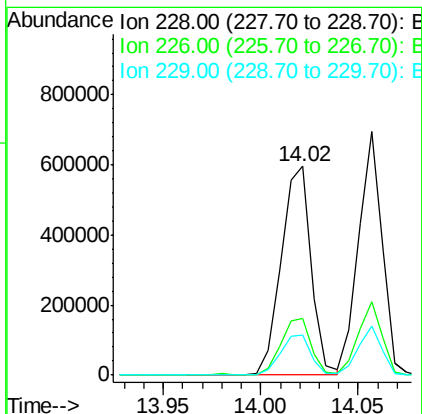
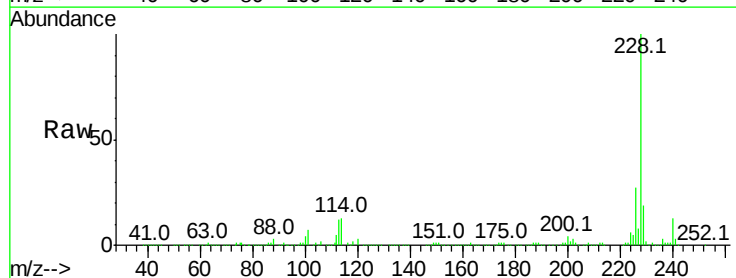
Instrument :
BNA_F
ClientSampleId :

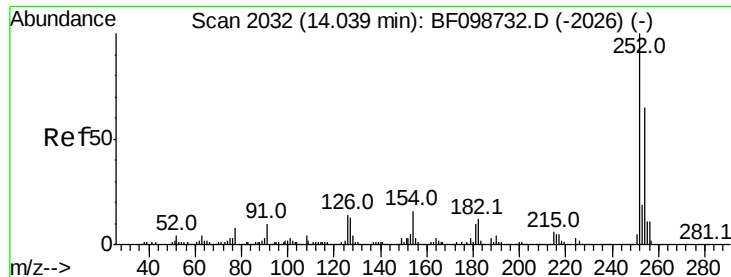
Tot Ion:149 Resp: 395510
Ion Ratio Lower Upper
149 100
91 69.1 56.8 85.2
206 18.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 46.806 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion:228 Resp: 632385
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.3 15.8 23.6

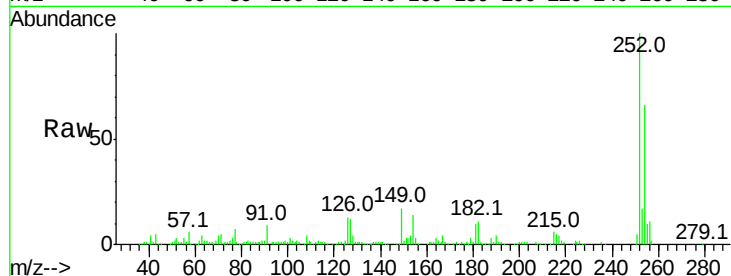




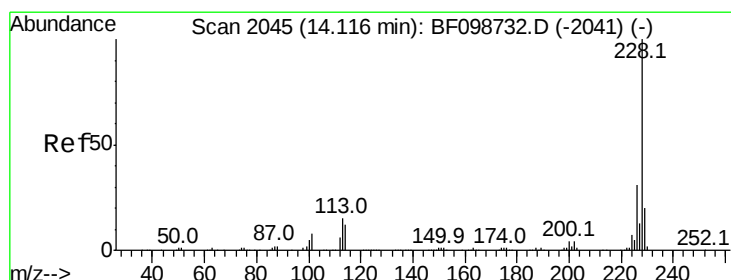
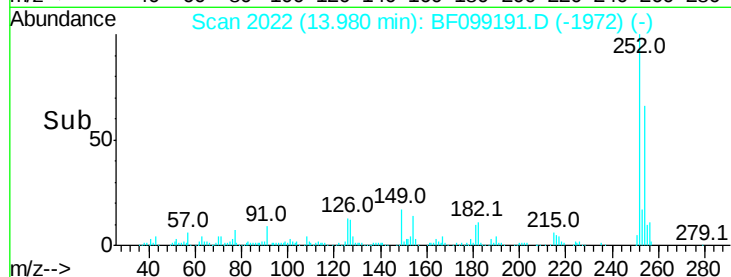
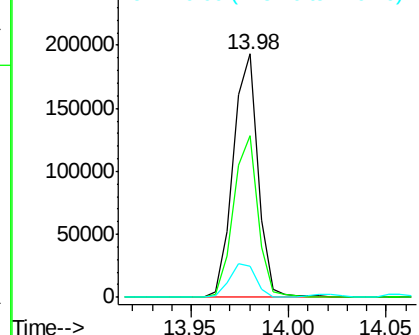
#81
 3,3'-Dichlorobenzidine
 Concen: 34.621 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.5	50.4	75.6
126	12.9	11.3	16.9

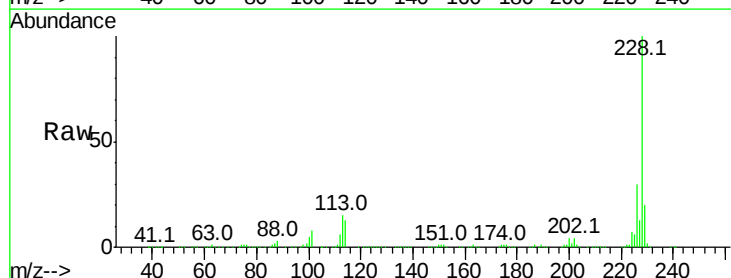


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

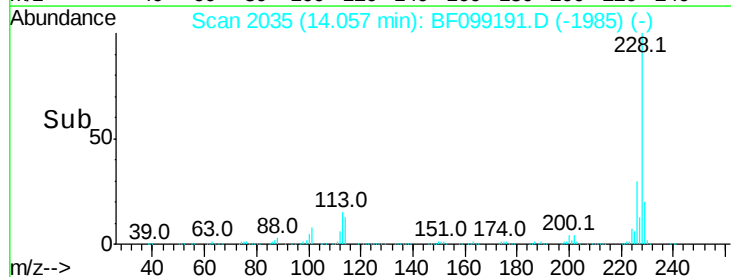
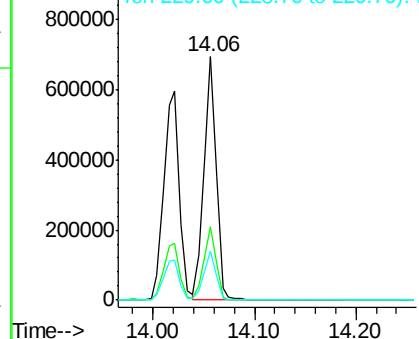


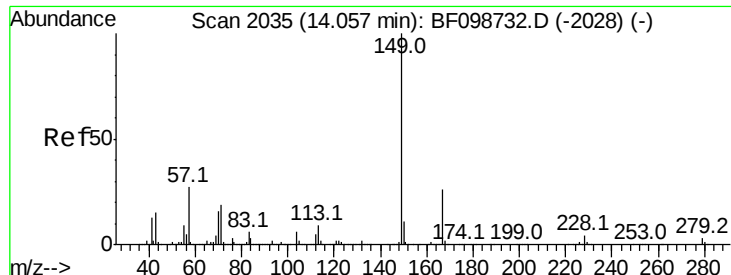
#82
 Chrysene
 Concen: 45.750 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.2	16.2	24.4



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

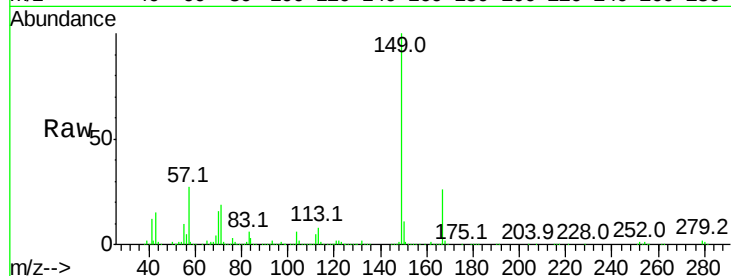




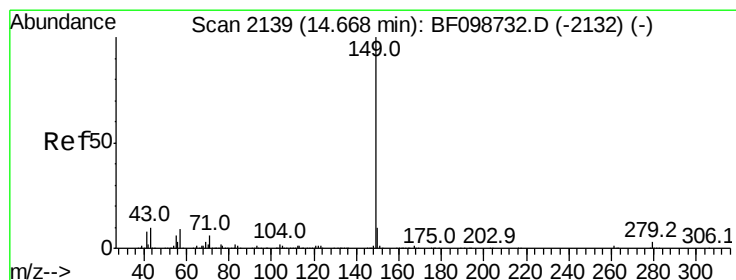
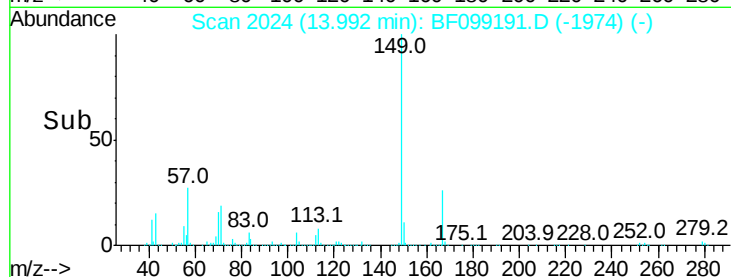
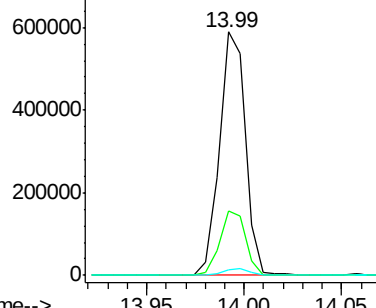
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.238 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	149	Resp	542128
Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	2.5	3.0	4.4#

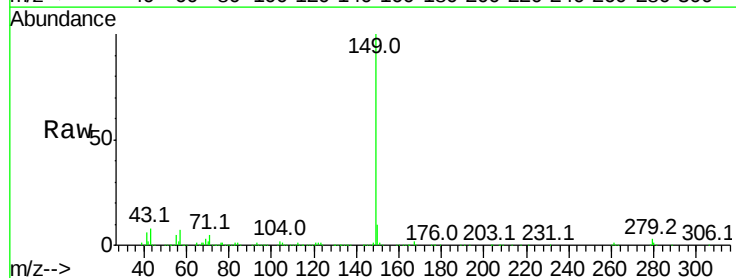


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

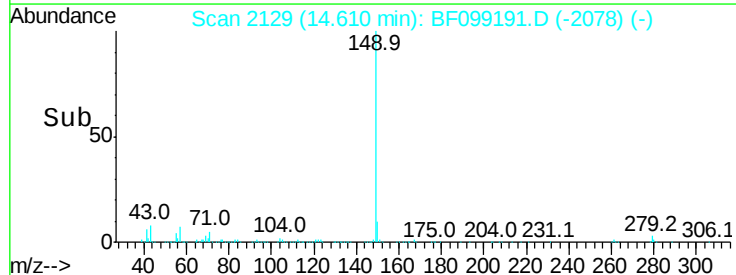
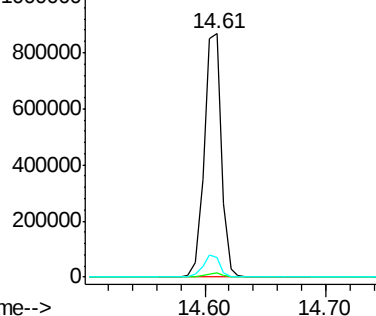


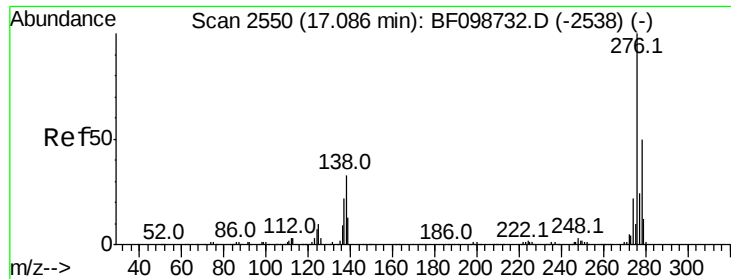
#84
 Di-n-octyl phthalate
 Concen: 48.434 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Tgt Ion	149	Resp	858689
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.7	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: 52.640 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampleId :

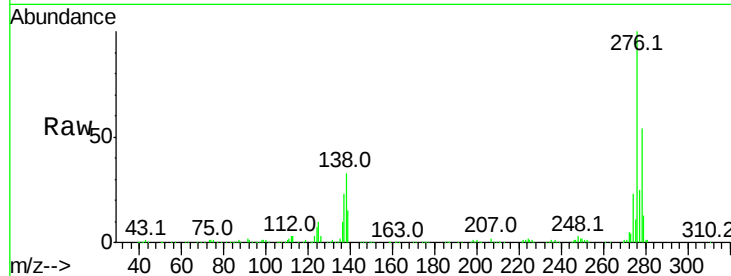
Tot Ion:276 Resp: 541641

Ion Ratio Lower Upper

276 100

138 35.4 25.0 37.6

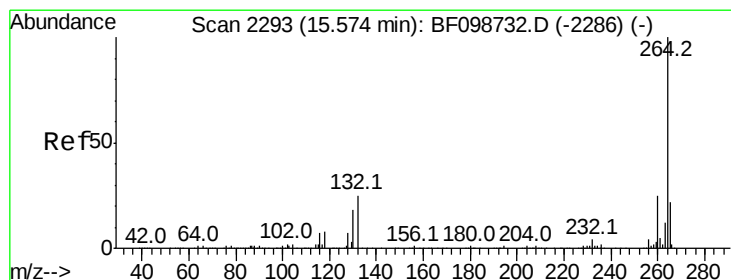
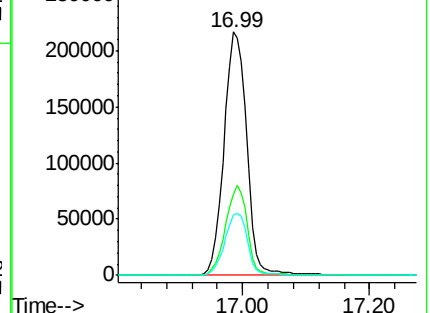
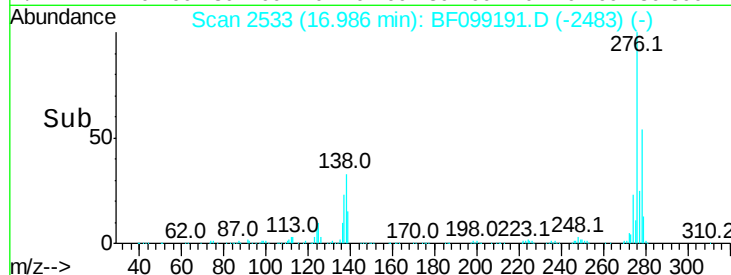
277 25.6 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

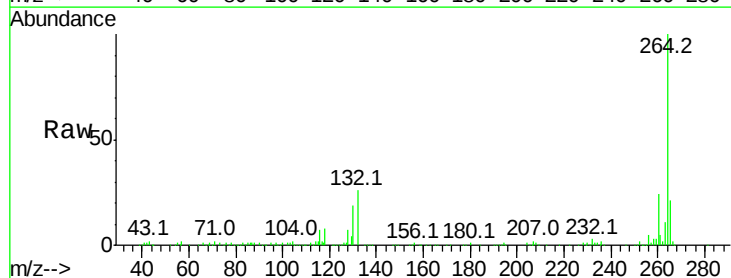
Tgt Ion:264 Resp: 217188

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

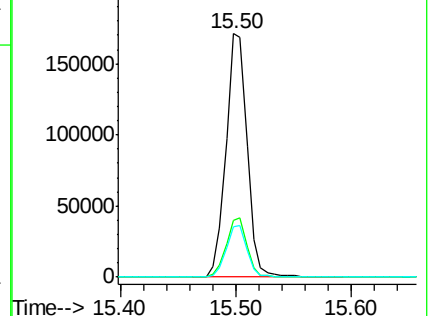
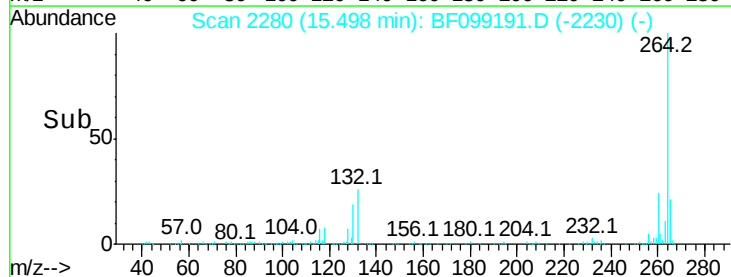
265 20.9 17.5 26.3

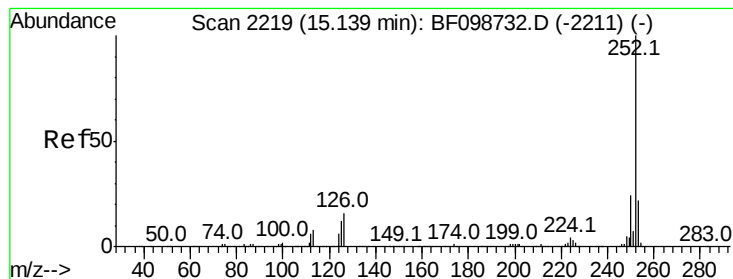


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 42.034 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.03 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

Instrument :

BNA_F

ClientSampleId :

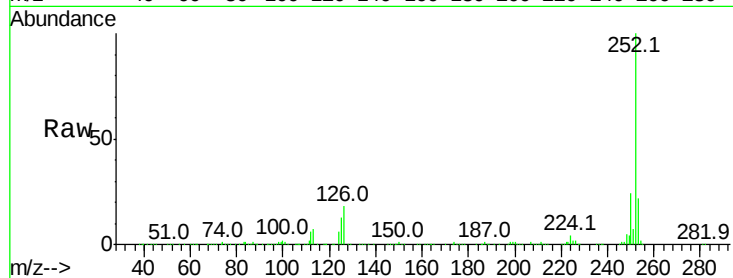
Tot Ion:252 Resp: 561311

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

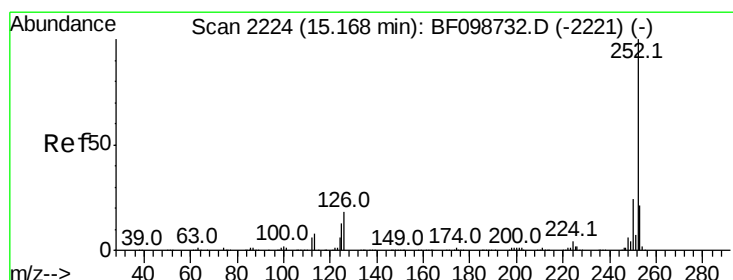
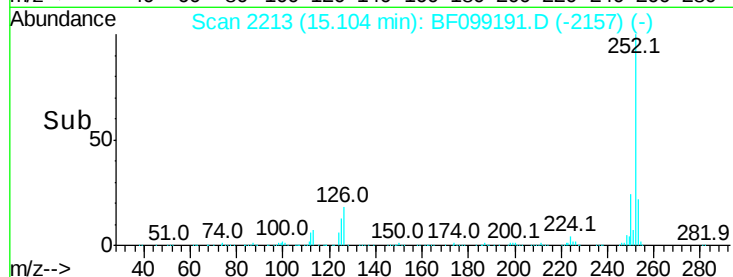
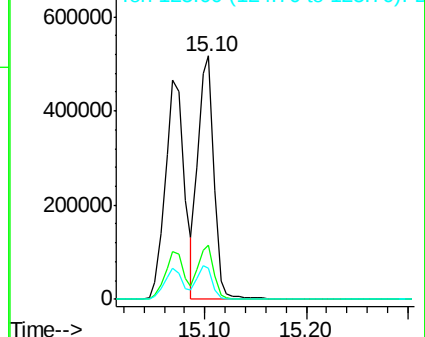
125 12.6 9.0 13.6



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: 42.558 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BF099191.D

Acq: 7 Oct 2017 13:46

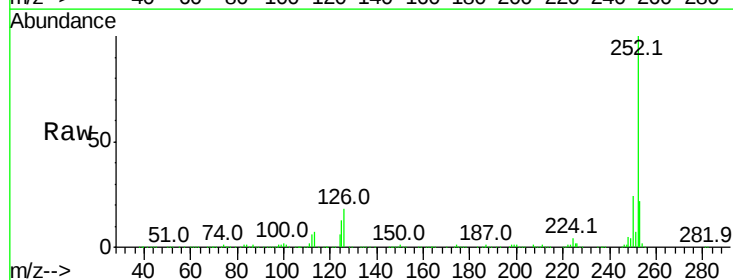
Tgt Ion:252 Resp: 561311

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

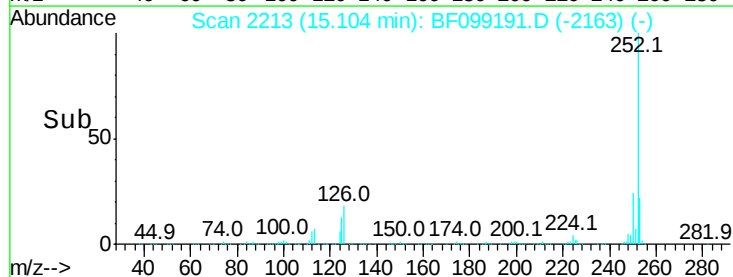
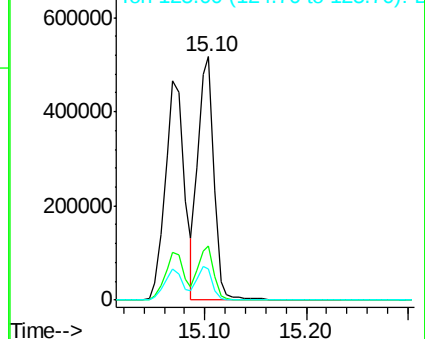
125 12.6 10.2 15.2

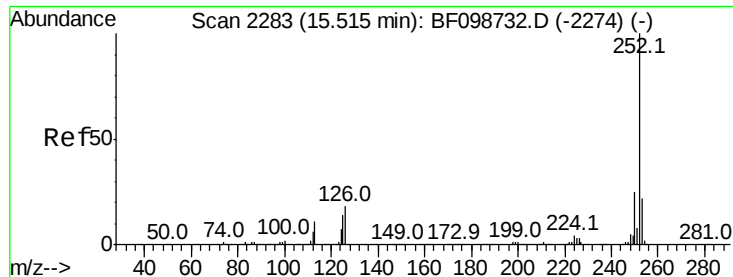


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

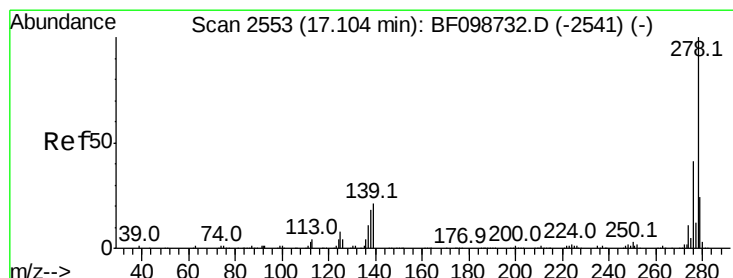
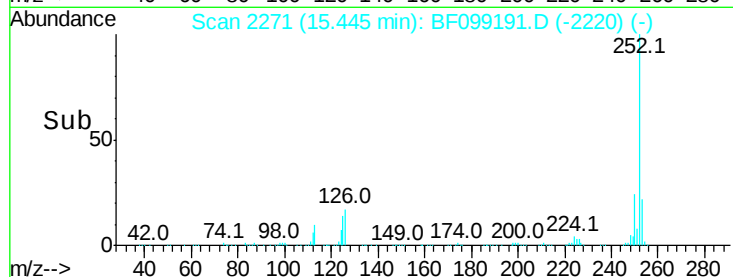
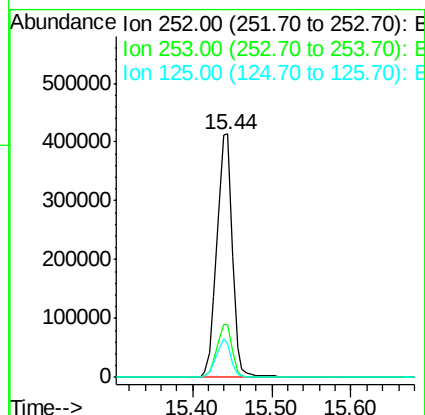
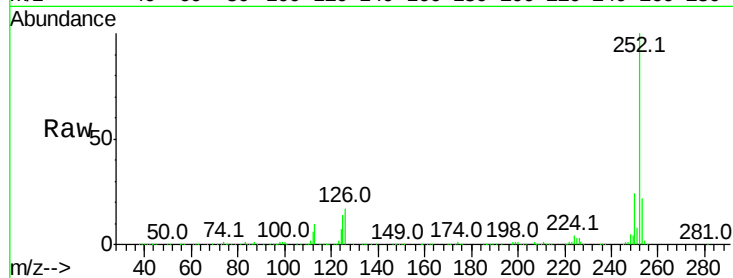




#89
Benzo(a)pyrene
Concen: 46.249 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

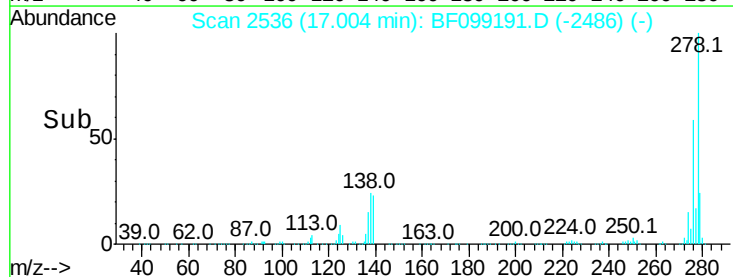
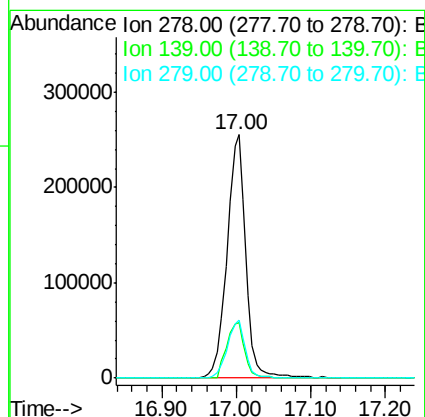
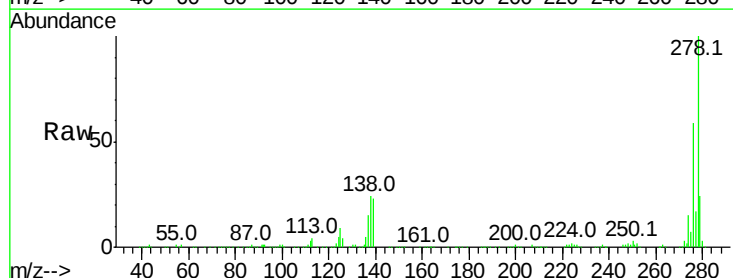
Instrument :
BNA_F
ClientSampleId :

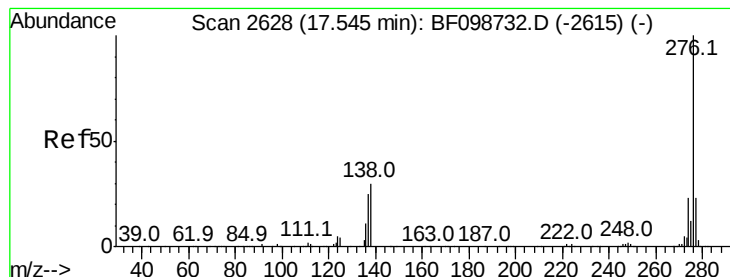
Tot Ion:252 Resp: 566910
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 13.8 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 45.975 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF099191.D
Acq: 7 Oct 2017 13:46

Tgt Ion:278 Resp: 451003
Ion Ratio Lower Upper
278 100
139 22.5 15.9 23.9
279 24.0 19.0 28.4

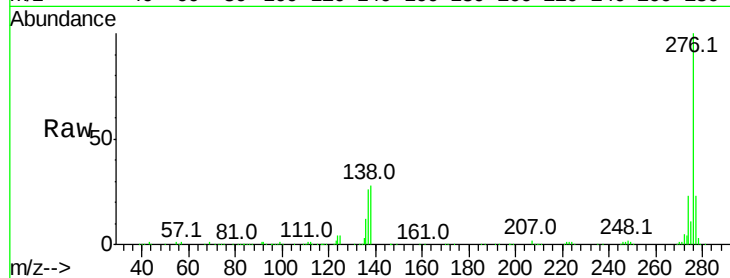




#91
 Benzo(a,h,i)perylene
 Concen: 45.420 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. -0.01 min
 Lab File: BF099191.D
 Acq: 7 Oct 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 440430
 Ion Ratio Lower Upper
 276 100
 277 23.3 17.9 26.9
 138 28.5 21.8 32.8



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

