

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
 Data File : BF099200.D
 Acq On : 7 Oct 2017 18:00
 Operator : SJ/JU
 Sample : I5678-01MSD 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 08 03:37:26 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	121967	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	461055	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	176625	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	264811	20.00	ng	0.00
75) Chrysene-d12	14.03	240	217870	20.00	ng	0.00
86) Perylene-d12	15.51	264	173506	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	216949	28.32	ng	0.00
7) Phenol-d6	6.49	99	249717	26.42	ng	0.00
23) Nitrobenzene-d5	7.43	82	137553	19.13	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	34880	24.13	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	262019	24.77	ng	0.00
78) Terphenyl-d14	12.97	244	183342	19.14	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.64	88	24271	6.632	ng	99
3) Pyridine	3.46	79	64419	6.506	ng	98
4) n-Nitrosodimethylamine	3.36	42	29955	7.135	ng	89
6) Aniline	6.53	93	63195	4.954	ng	96
8) 2-Chlorophenol	6.65	128	74963	8.640	ng	95
9) Benzaldehyde	6.42	77	30405	5.546	ng	95
10) Phenol	6.50	94	100793	9.535	ng	94
11) bis(2-Chloroethyl)ether	6.60	93	71274	8.673	ng	95
12) 1,3-Dichlorobenzene	6.80	146	80859	8.899	ng	98
13) 1,4-Dichlorobenzene	6.88	146	82371	8.910	ng	98
14) 1,2-Dichlorobenzene	7.03	146	77831	9.111	ng	98
15) Benzyl Alcohol	7.00	79	57315	8.266	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.13	45	105625	8.250	ng	97
17) 2-Methylphenol	7.12	107	61135	8.611	ng	95
18) Hexachloroethane	7.37	117	19784	5.953	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	48936	8.109	ng	94
20) 3+4-Methylphenols	7.27	107	77562	8.636	ng	# 59
22) Acetophenone	7.27	105	102621	9.187	ng	# 96
24) Nitrobenzene	7.45	77	70719	8.671	ng	96
25) Isophorone	7.68	82	128984	8.678	ng	100
26) 2-Nitrophenol	7.76	139	21782	5.554	ng	92
27) 2,4-Dimethylphenol	7.80	122	62547	8.445	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	85220	9.200	ng	99
29) 2,4-Dichlorophenol	8.00	162	53984	8.490	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	60027	9.438	ng	100
31) Naphthalene	8.17	128	219195	10.123	ng	100
33) 4-Chloroaniline	8.22	127	57922	6.405	ng	96
34) Hexachlorobutadiene	8.28	225	29475	8.998	ng	97
35) Caprolactam	8.56	113	15479	7.589	ng	# 85
36) 4-Chloro-3-methylphenol	8.69	107	53226	7.447	ng	98
37) 2-Methylnaphthalene	8.86	142	148997	10.585	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	50178	9.526	ng	99
42) 2,4,6-Trichlorophenol	9.14	196	31015	8.311	ng	97
43) 2,4,5-Trichlorophenol	9.18	196	31929	8.571	ng	94

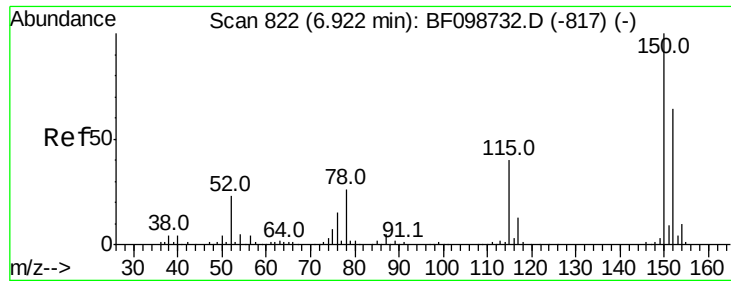
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100717\
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 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.32	154	154512	10.179	ng	97
46) 2-Chloronaphthalene	9.35	162	111968	9.824	ng	97
47) 2-Nitroaniline	9.45	65	32271	9.247	ng	92
48) Acenaphthylene	9.76	152	182717	10.472	ng	99
49) Dimethylphthalate	9.62	163	162339	12.178	ng	100
50) 2,6-Dinitrotoluene	9.68	165	19820	6.829	ng	99
51) Acenaphthene	9.93	154	116059	10.501	ng	99
52) 3-Nitroaniline	9.85	138	31130	9.199	ng	# 98
54) Dibenzofuran	10.10	168	163261	11.095	ng	100
55) 4-Nitrophenol	10.02	139	29775	10.406	ng	89
56) 2,4-Dinitrotoluene	10.09	165	22751	6.040	ng	# 96
57) Fluorene	10.45	166	141727	11.983	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	20308	7.892	ng	# 96
59) Diethylphthalate	10.32	149	120014	9.213	ng	98
60) 4-Chlorophenyl-phenylether	10.44	204	48742	9.174	ng	99
61) 4-Nitroaniline	10.46	138	31480	9.643	ng	87
62) Azobenzene	10.60	77	98784	8.248	ng	95
65) n-Nitrosodiphenylamine	10.56	169	94315	10.281	ng	98
66) 4-Bromophenyl-phenylether	10.93	248	25661	9.900	ng	99
67) Hexachlorobenzene	11.00	284	24623	8.894	ng	96
68) Atrazine	11.08	200	27137	9.832	ng	99
69) Pentachlorophenol	11.19	266	17340	10.064	ng	96
70) Phenanthrene	11.42	178	328652	23.186	ng	99
71) Anthracene	11.46	178	191408	13.198	ng	98
72) Carbazole	11.62	167	149715	10.541	ng	98
73) Di-n-butylphthalate	11.94	149	166532	9.741	ng	99
74) Fluoranthene	12.60	202	353647	24.639	ng	99
76) Benzidine	12.72	184	53670	6.660	ng	96
77) Pvrene	12.83	202	341643	20.564	ng	99
79) Butylbenzylphthalate	13.44	149	67691	8.670	ng	95
80) Benzo(a)anthracene	14.02	228	199786	15.144	ng	99
81) 3,3'-Dichlorobenzidine	13.98	252	43201	8.933	ng	98
82) Chrysene	14.06	228	194550	15.490	ng	98
83) Bis(2-ethylhexyl)phthalate	14.00	149	101462	9.437	ng	# 98
84) Di-n-octyl phthalate	14.61	149	174251	10.066	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.99	276	109477	10.896	ng	97
87) Benzo(b)fluoranthene	15.07	252	168867	15.830	ng	# 95
88) Benzo(k)fluoranthene	15.10	252	131022	12.435	ng	99
89) Benzo(a)pyrene	15.44	252	146478	14.958	ng	# 96
90) Dibenzo(a,h)anthracene	17.00	278	74283	9.479	ng	# 92
91) Benzo(g,h,i)perylene	17.44	276	95092	12.276	ng	95

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

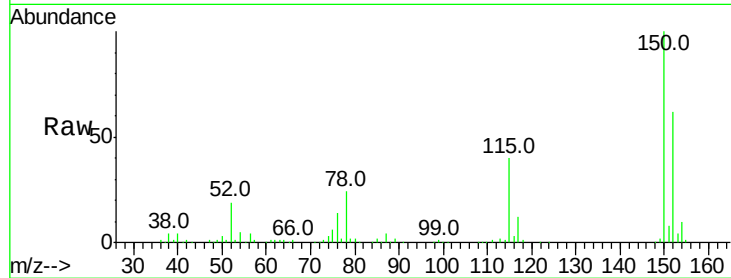


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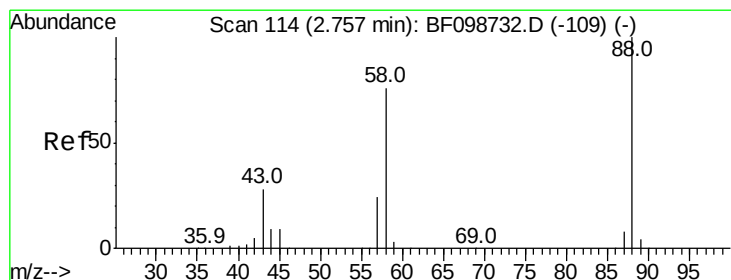
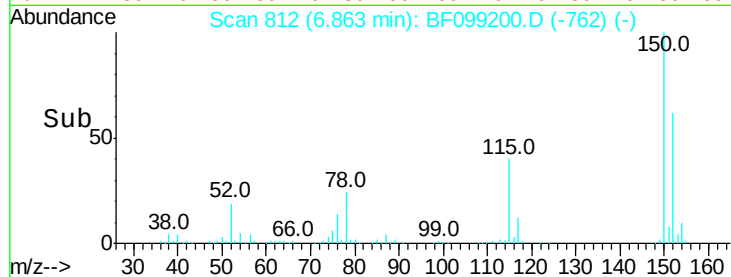
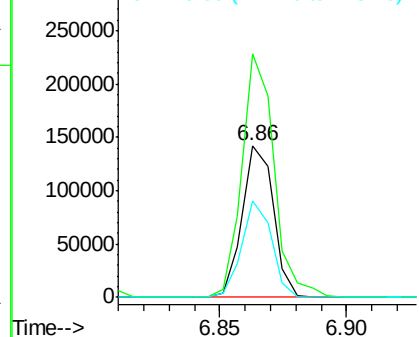
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 121967
Ion Ratio Lower Upper
152 100
150 160.5 124.6 186.8
115 63.5 50.1 75.1



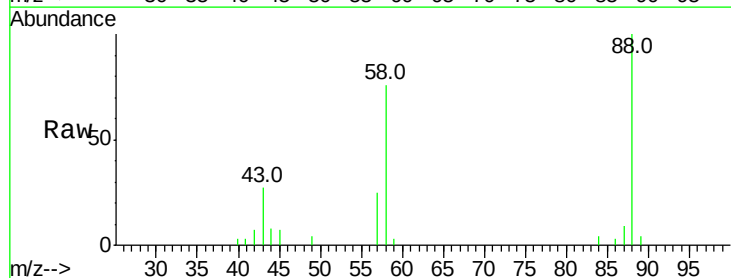
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



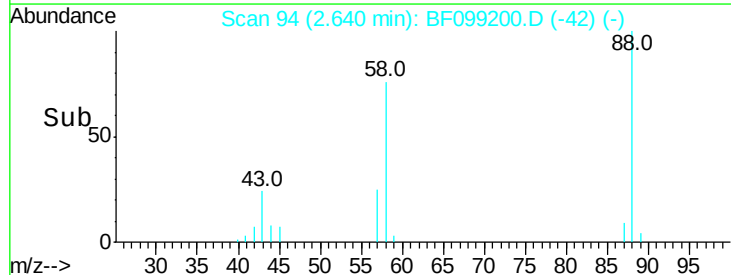
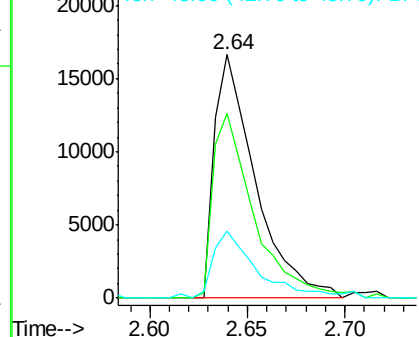
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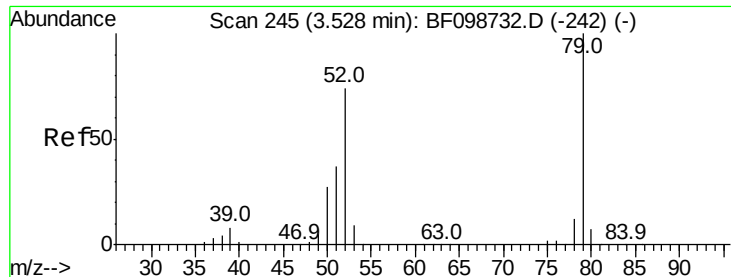
1,4-Dioxane
Concen: 6.632 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Tgt Ion: 88 Resp: 24271
Ion Ratio Lower Upper
88 100
58 76.8 62.6 93.8
43 30.5 24.6 37.0



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





#3

Pvridine

Concen: 6.506 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.06 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

Instrument :

BNA_F

ClientSampleId :

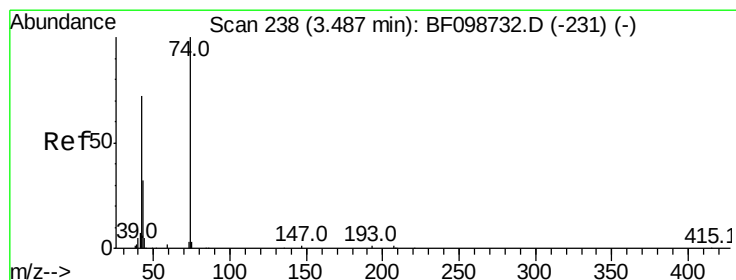
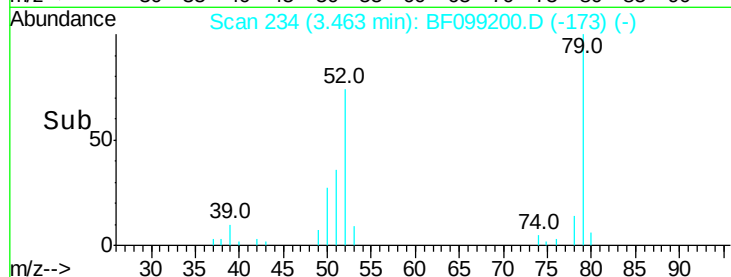
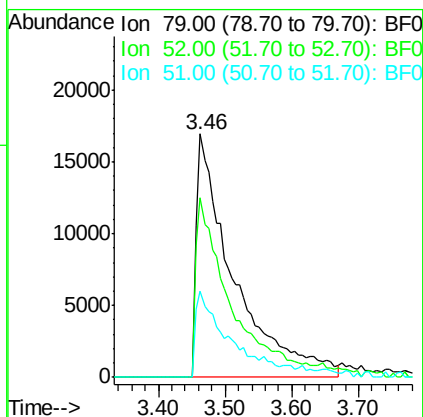
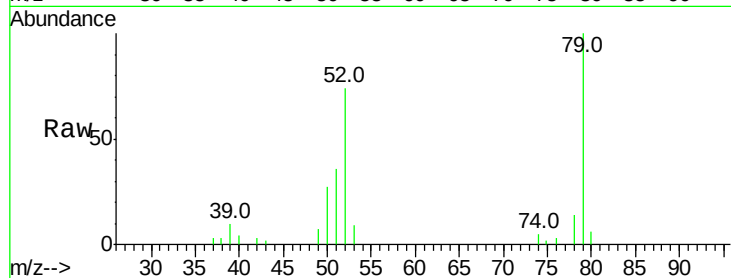
Tot Ion: 79 Resp: 64419

Ion Ratio Lower Upper

79 100

52 73.7 59.8 89.6

51 35.6 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 7.135 ng

RT: 3.36 min Scan# 217

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

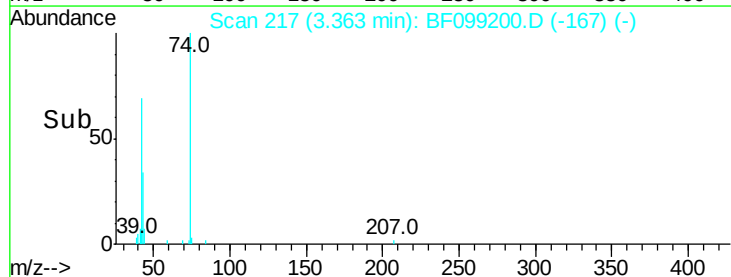
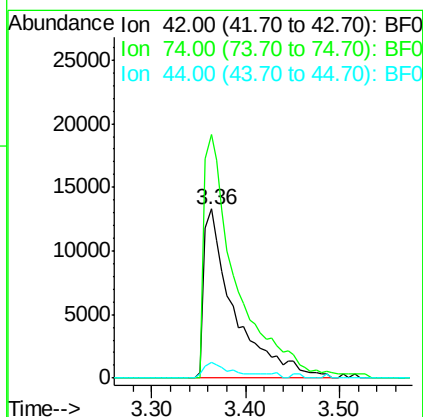
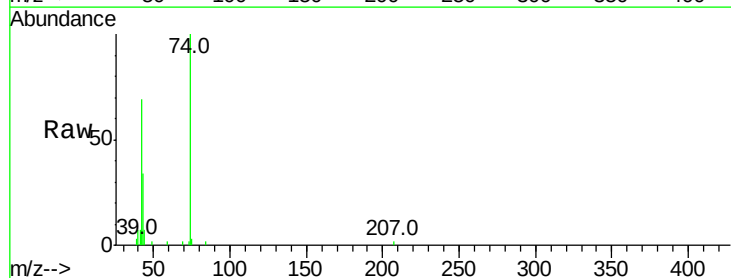
Tgt Ion: 42 Resp: 29955

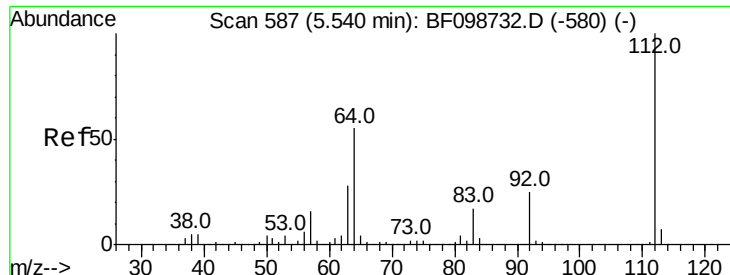
Ion Ratio Lower Upper

42 100

74 144.1 104.9 157.3

44 9.7 6.9 10.3





#5

2-Fluorophenol

Concen: 28.316 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

Instrument :

BNA_F

ClientSampleId :

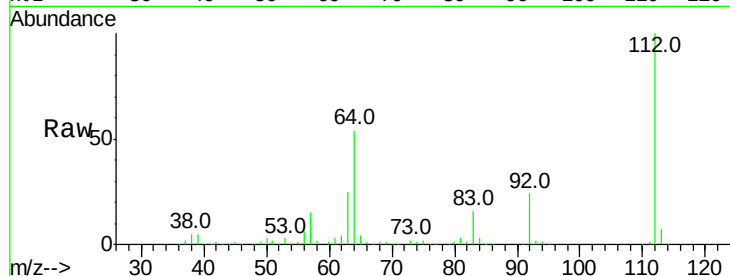
Tot Ion:112 Resp: 216949

Ion Ratio Lower Upper

112 100

64 54.3 47.9 71.9

63 25.0 23.7 35.5

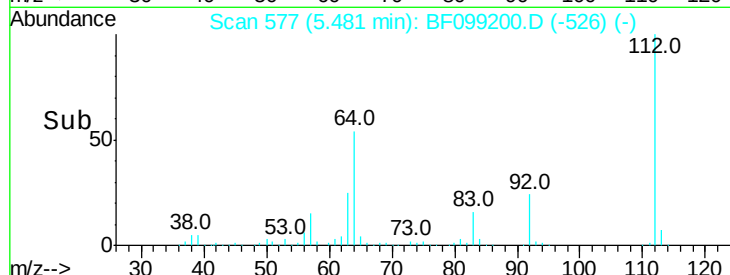


Abundance Ion 112.00 (111.70 to 112.70): E

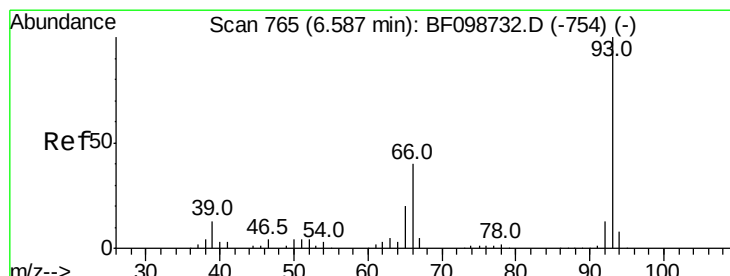
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#6

Aniline

Concen: 4.954 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

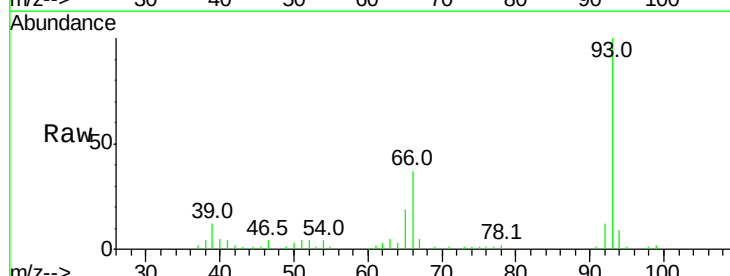
Tgt Ion: 93 Resp: 63195

Ion Ratio Lower Upper

93 100

66 37.4 32.2 48.2

65 18.9 16.4 24.6

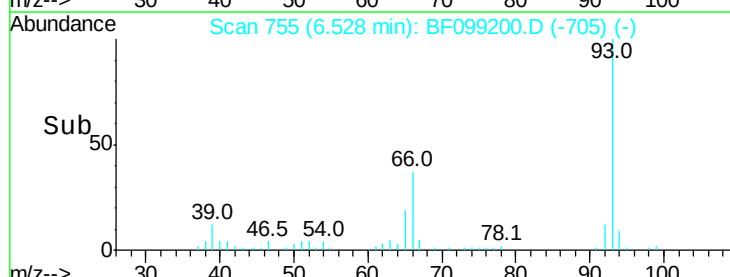


Abundance Ion 93.00 (92.70 to 93.70): BF0

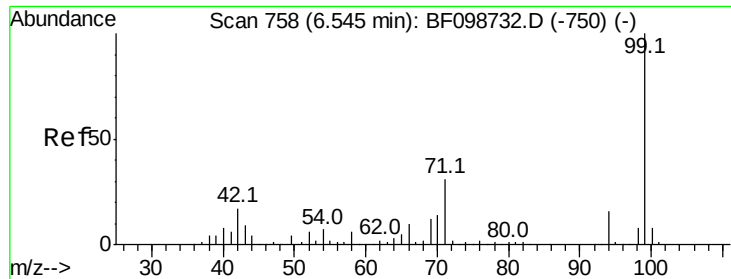
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 26.421 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

Instrument :

BNA_F

ClientSampled :

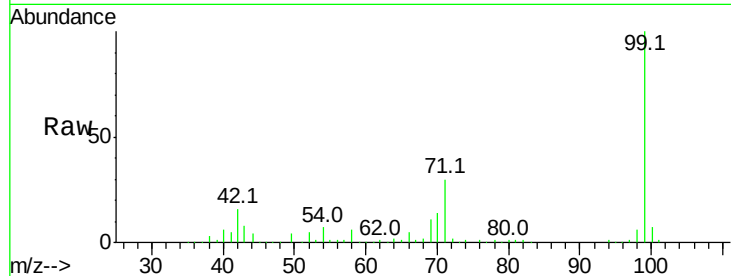
Tot Ion: 99 Resp: 249717

Ion Ratio Lower Upper

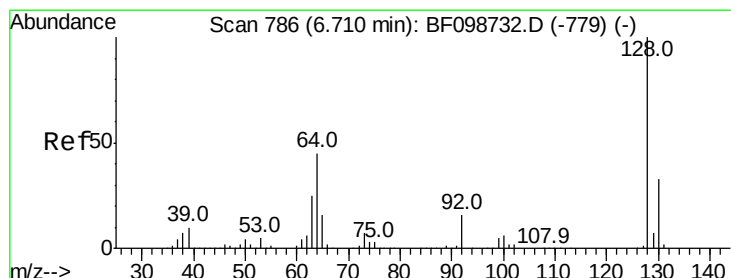
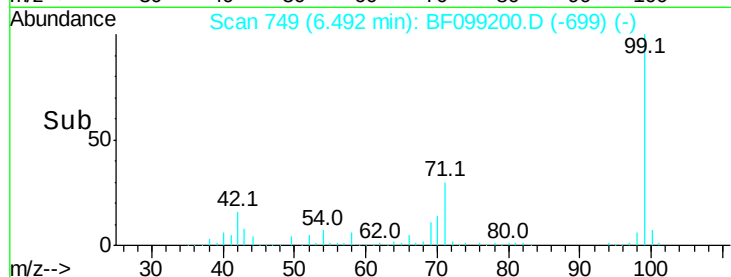
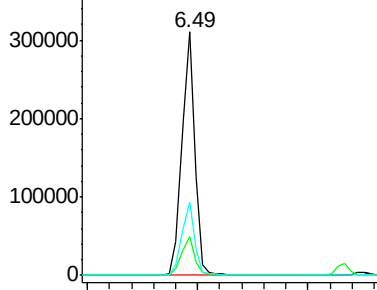
99 100

42 15.8 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: 8.640 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

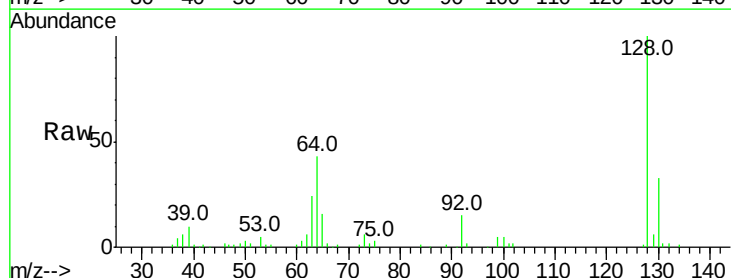
Tgt Ion: 128 Resp: 74963

Ion Ratio Lower Upper

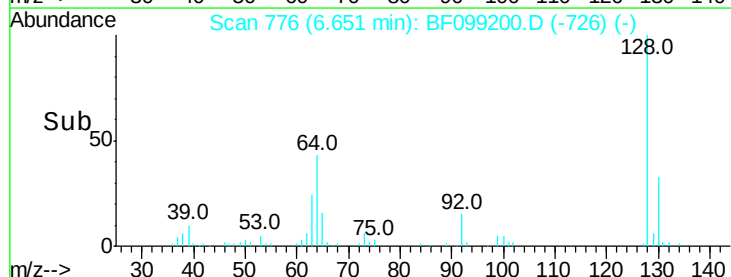
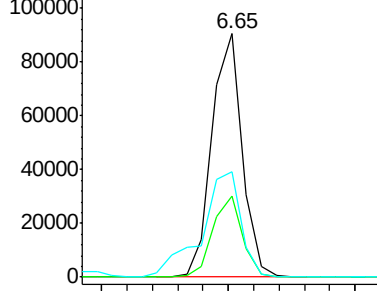
128 100

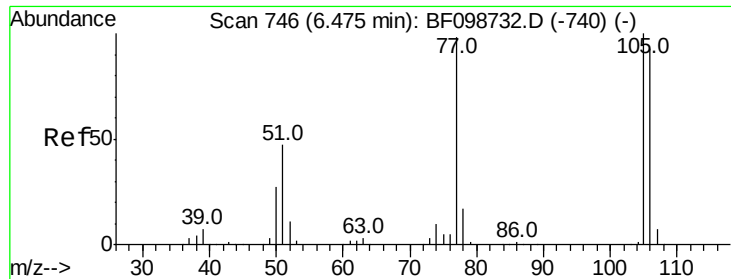
130 33.1 13.0 53.0

64 43.4 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

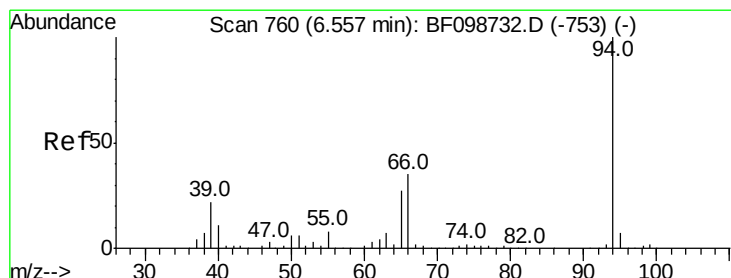
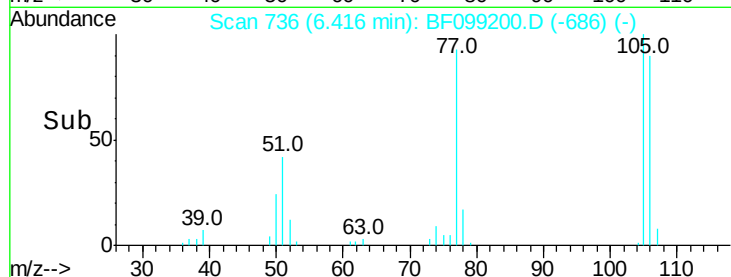
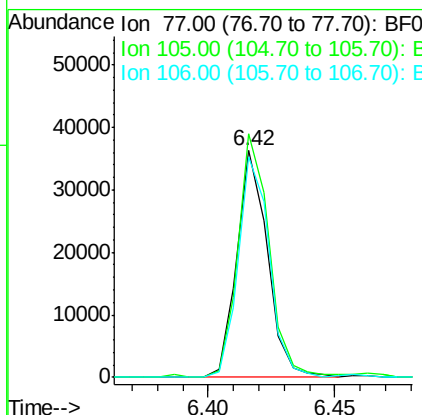
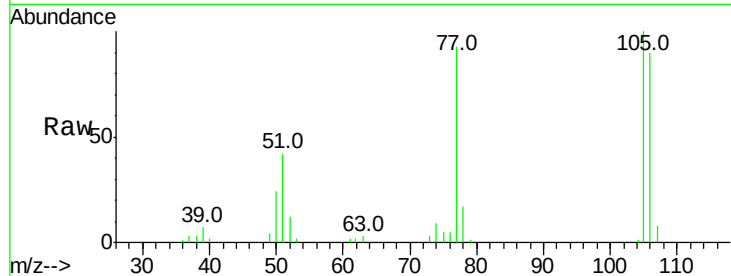




#9
Benzaldehyde
Concen: 5.546 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

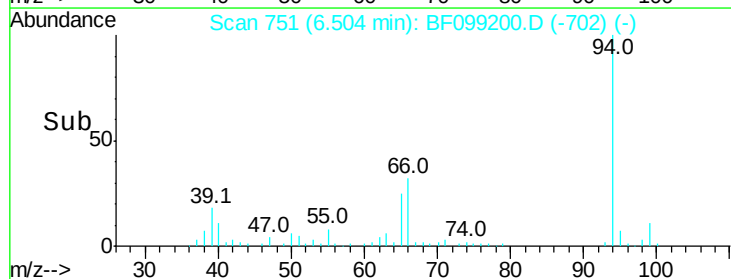
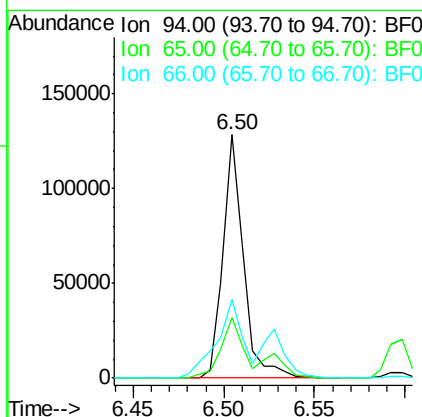
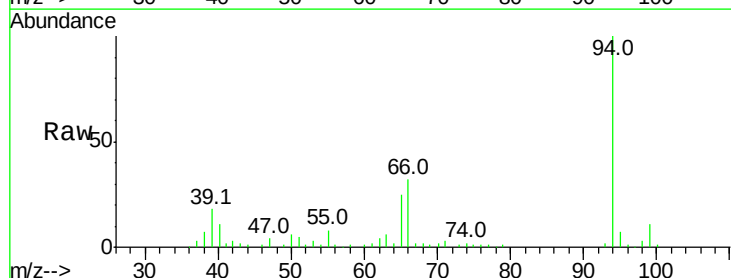
Instrument :
BNA_F
ClientSampleId :

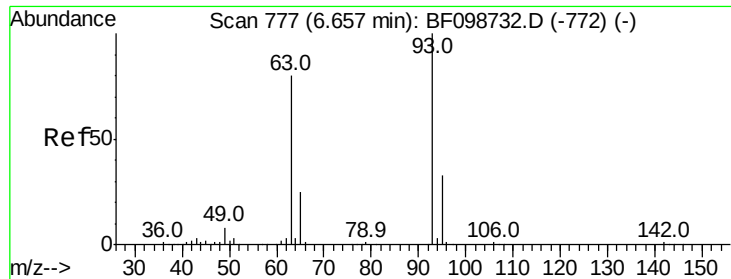
Tot Ion: 77 Resp: 30405
Ion Ratio Lower Upper
77 100
105 107.5 81.1 121.1
106 97.2 74.5 114.5



#10
Phenol
Concen: 9.535 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Tgt Ion: 94 Resp: 100793
Ion Ratio Lower Upper
94 100
65 25.0 7.9 47.9
66 32.4 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 8.673 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

Instrument :

BNA_F

ClientSampled :

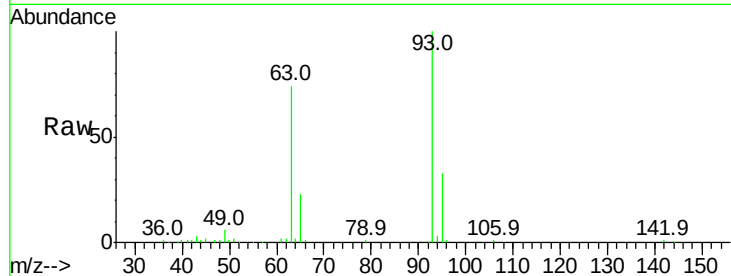
Tot Ion: 93 Resp: 71274

Ion Ratio Lower Upper

93 100

63 73.5 58.6 98.6

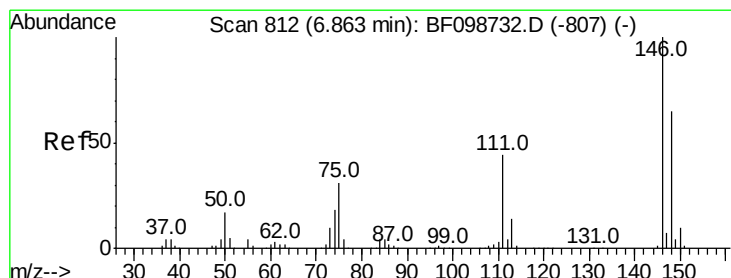
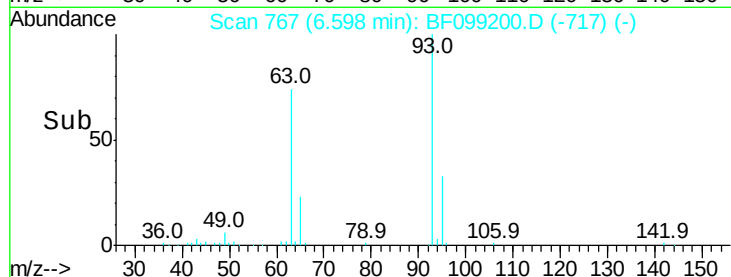
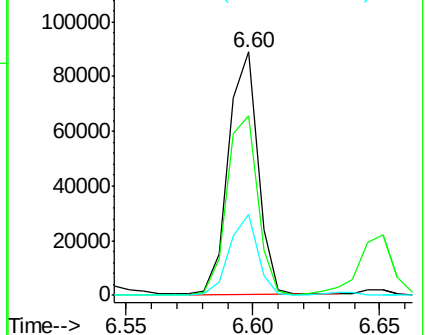
95 33.2 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 8.899 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

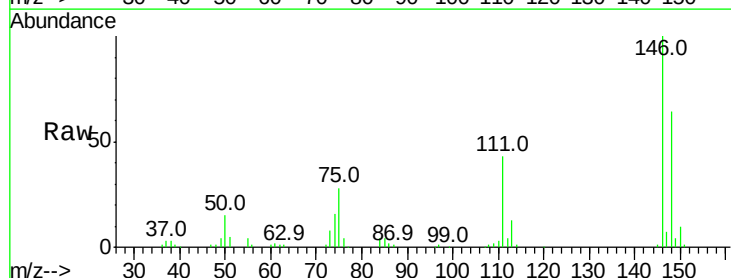
Tgt Ion: 146 Resp: 80859

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

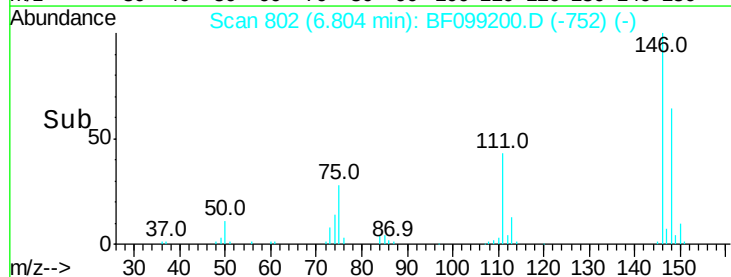
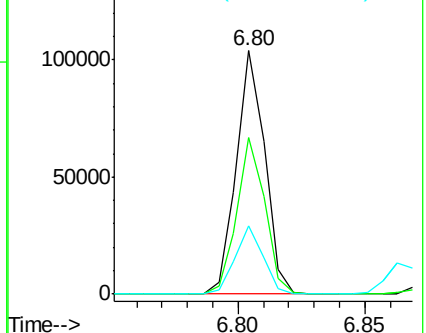
75 28.2 24.2 36.4

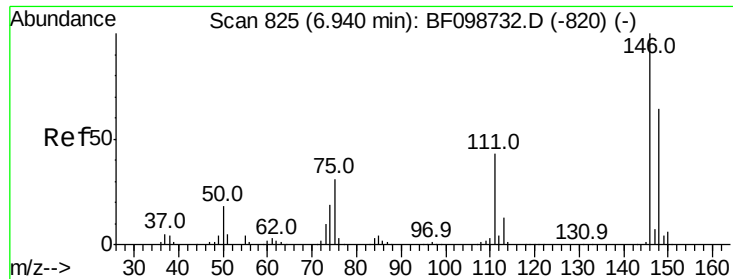


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

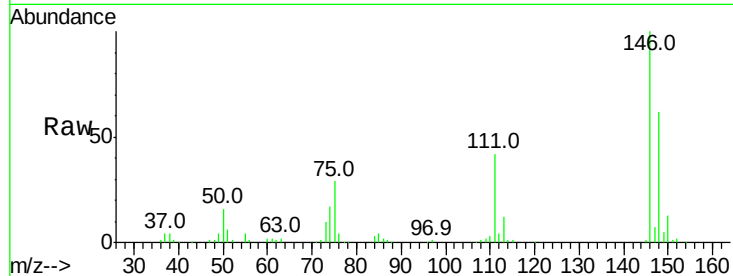




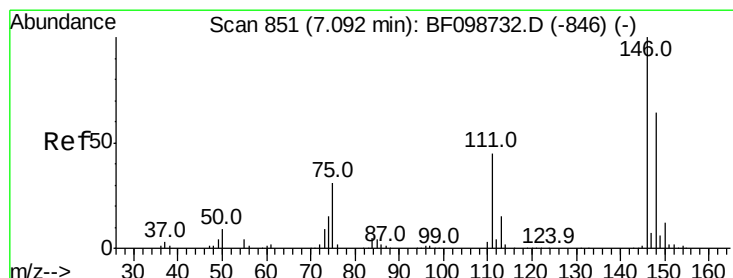
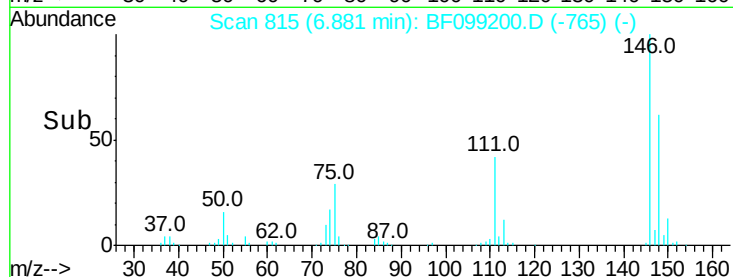
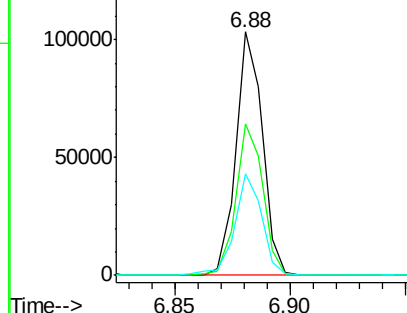
#13
 1,4-Dichlorobenzene
 Concen: 8.910 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 82371
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.8 76.2
 111 41.8 34.2 51.2

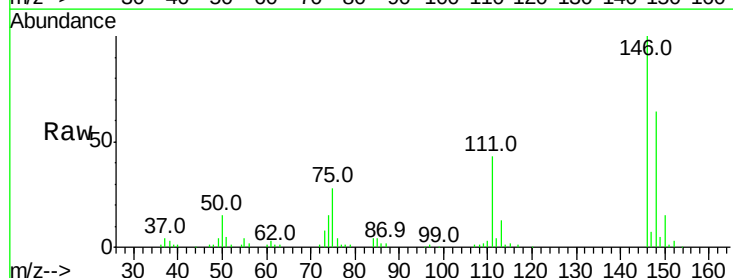


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

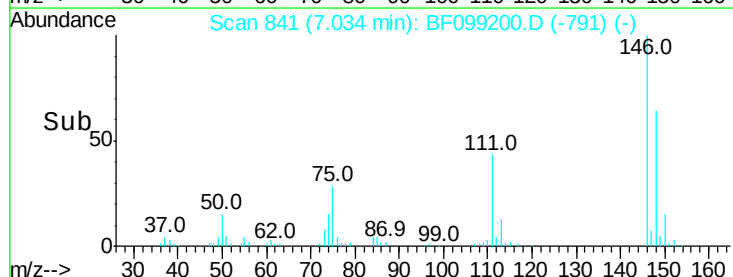
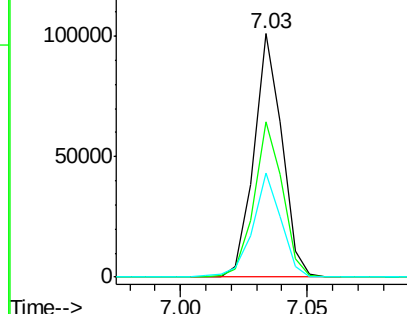


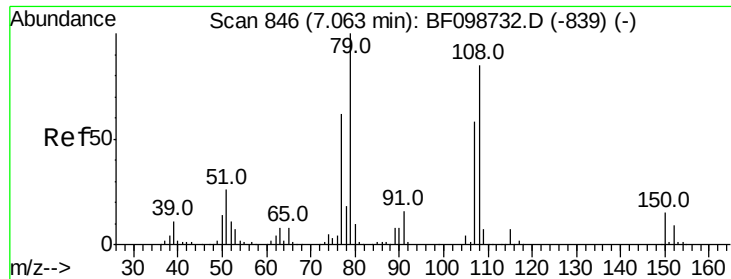
#14
 1,2-Dichlorobenzene
 Concen: 9.111 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

Tgt Ion:146 Resp: 77831
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 43.0 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

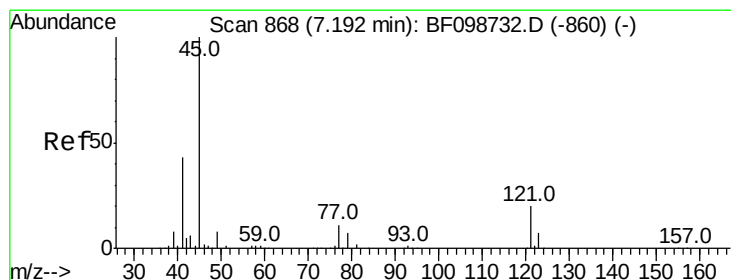
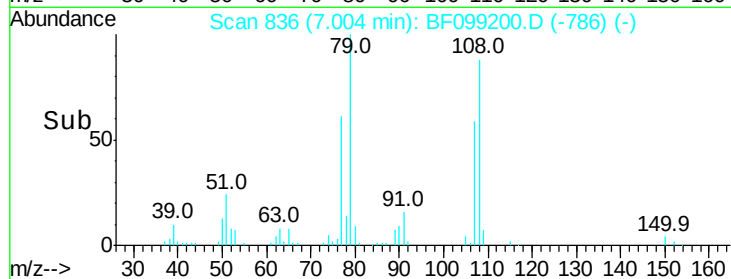
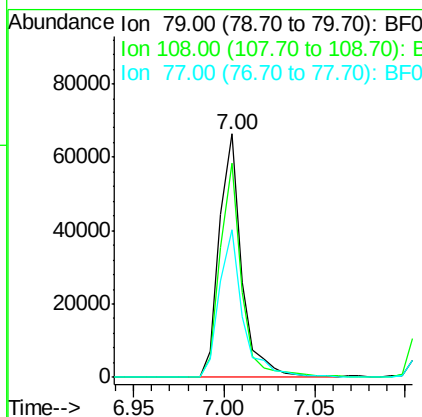
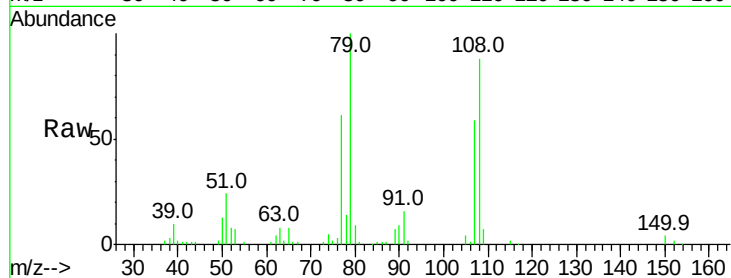




#15
Benzyl Alcohol
Concen: 8.266 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

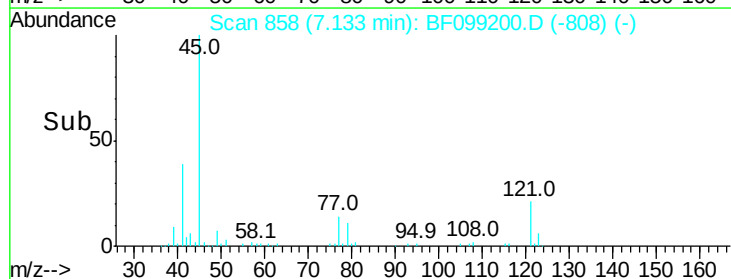
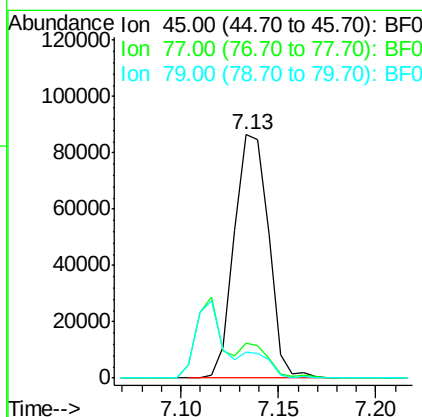
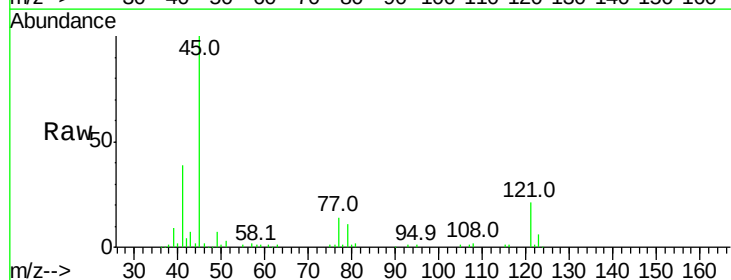
Instrument :
BNA_F
ClientSampled :

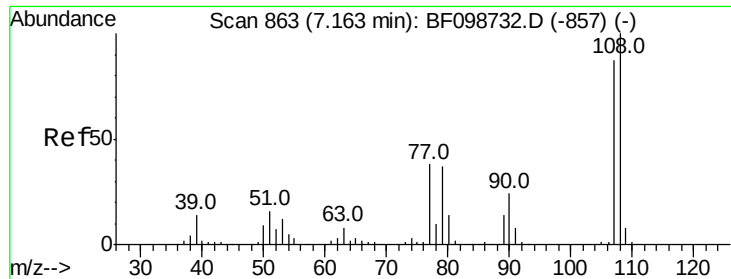
Tot Ion: 79 Resp: 57315
Ion Ratio Lower Upper
79 100
108 88.1 65.1 97.7
77 60.9 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 8.250 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Tgt Ion: 45 Resp: 105625
Ion Ratio Lower Upper
45 100
77 14.1 0.0 32.9
79 10.5 0.0 29.6

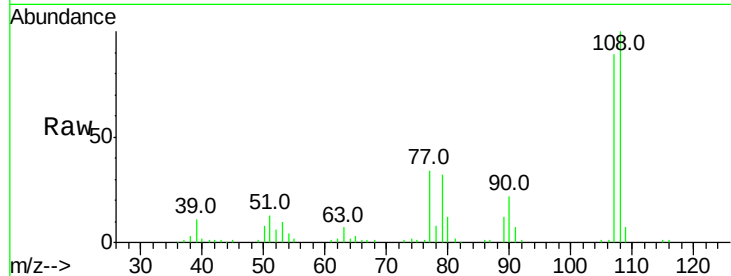




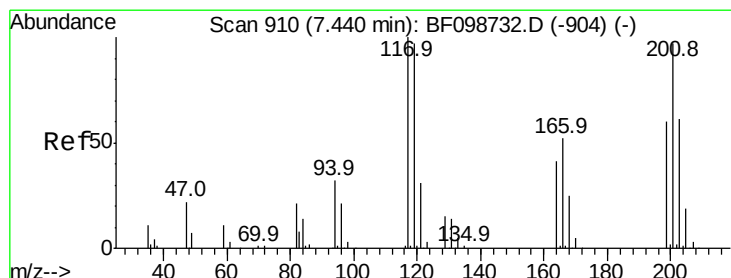
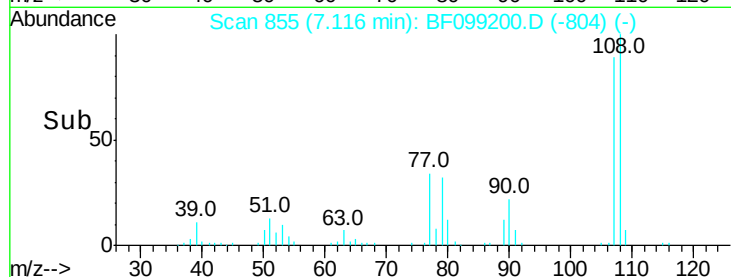
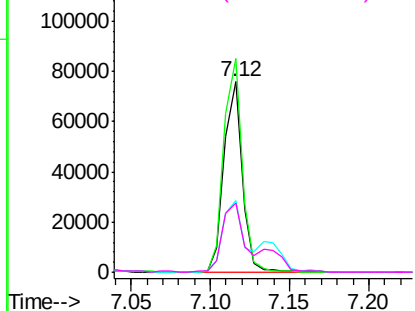
#17
2-Methylphenol
Concen: 8.611 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 61135
Ion Ratio Lower Upper
107 100
108 112.1 91.7 137.5
77 37.9 33.8 50.8
79 36.4 33.8 50.8

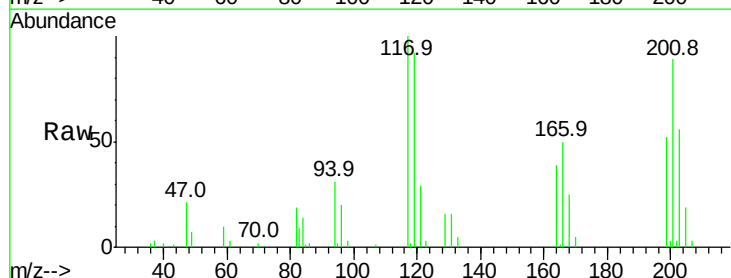


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

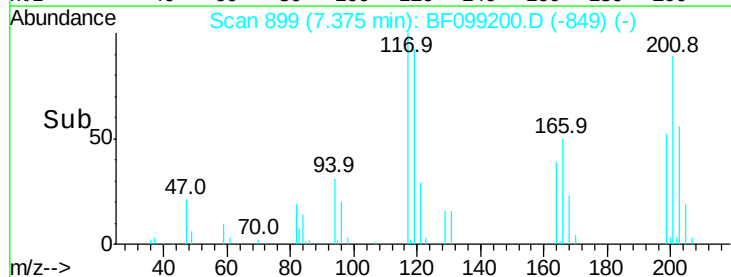
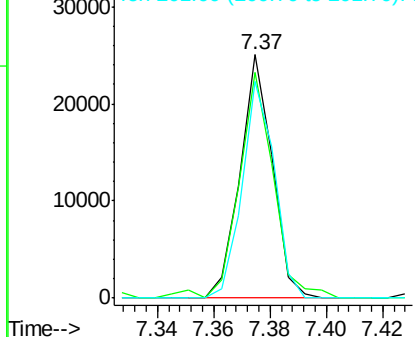


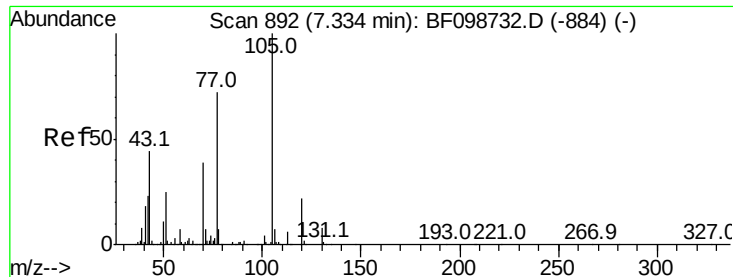
#18
Hexachloroethane
Concen: 5.953 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Tgt Ion:117 Resp: 19784
Ion Ratio Lower Upper
117 100
119 92.4 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

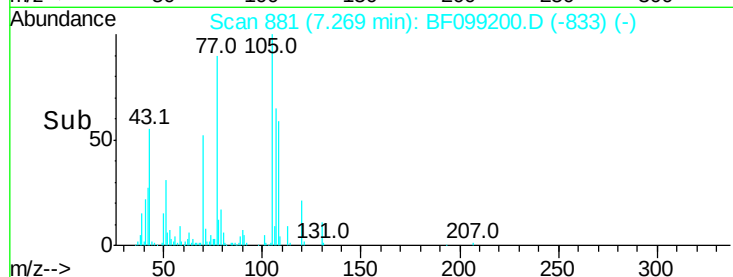
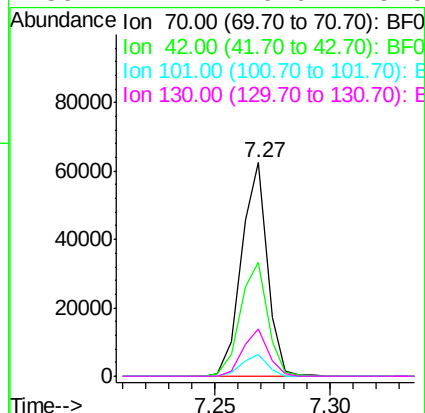
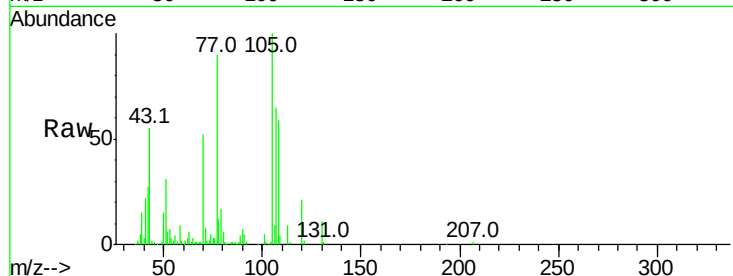




#19
n-Nitroso-di-n-propylamine
Concen: 8.109 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

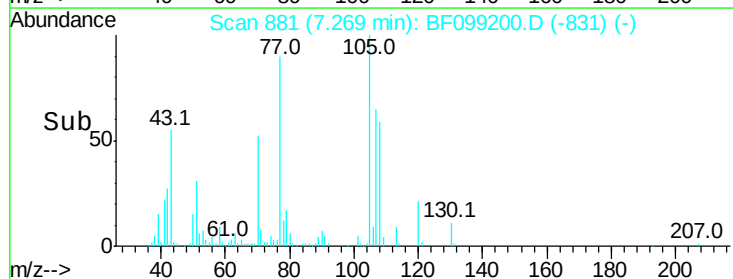
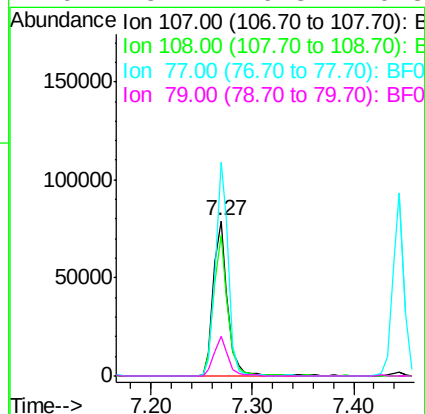
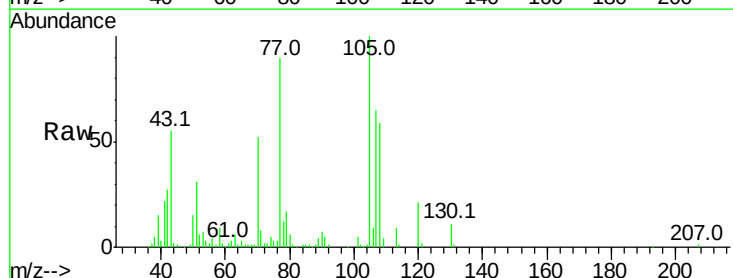
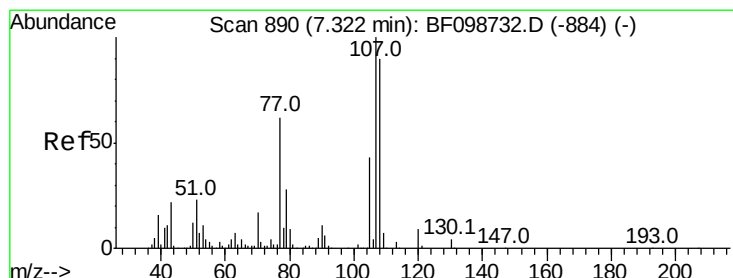
Instrument :
BNA_F
ClientSampled :

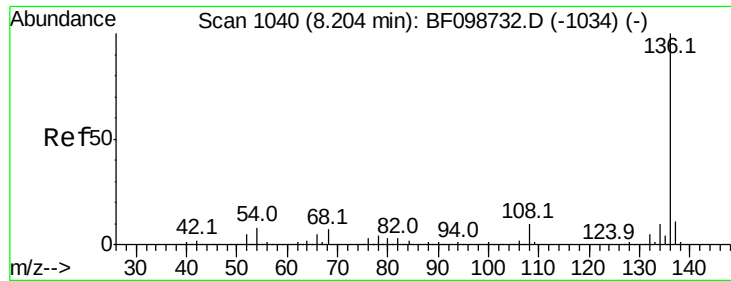
Tot Ion:	70	Resp:	48936
Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.5	71.3
101	9.9	7.4	11.2
130	22.2	16.6	25.0



#20
3+4-Methylphenols
Concen: 8.636 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Tgt Ion:	107	Resp:	77562
Ion	Ratio	Lower	Upper
107	100		
108	90.7	68.2	108.2
77	137.8	26.7	66.7#
79	25.7	6.3	46.3

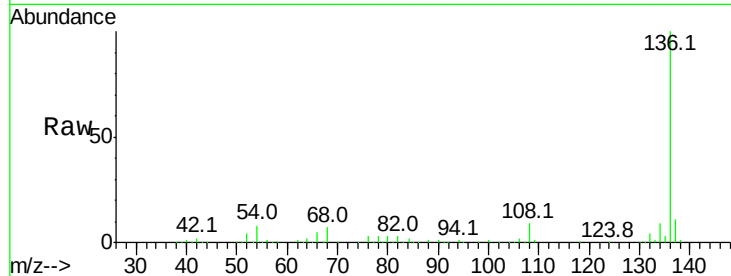




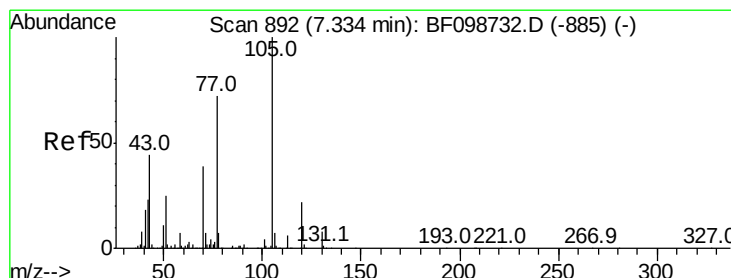
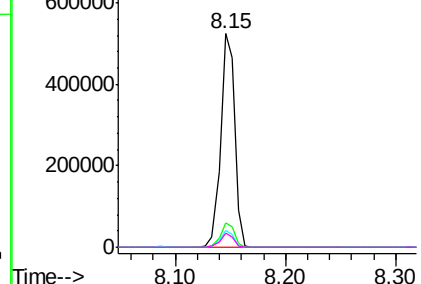
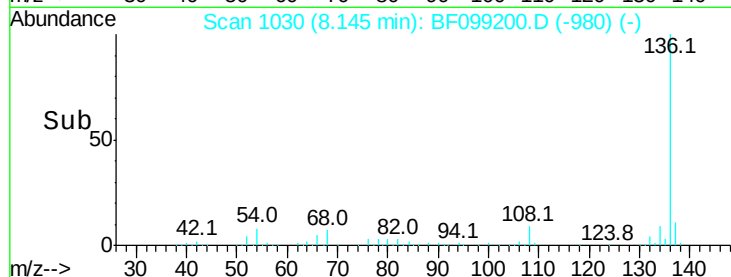
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	461055
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.9	6.6	9.8
68	6.6	5.0	7.4

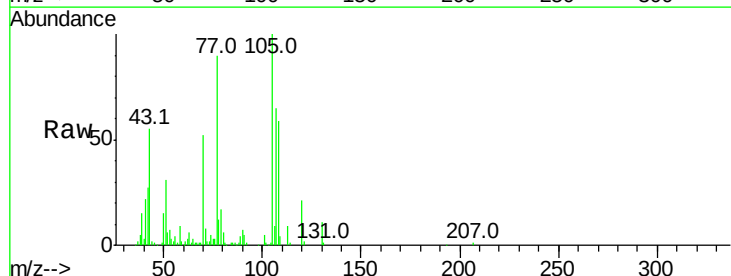


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

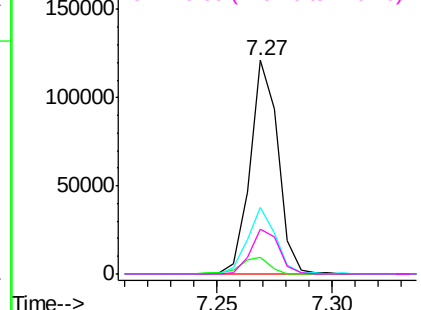
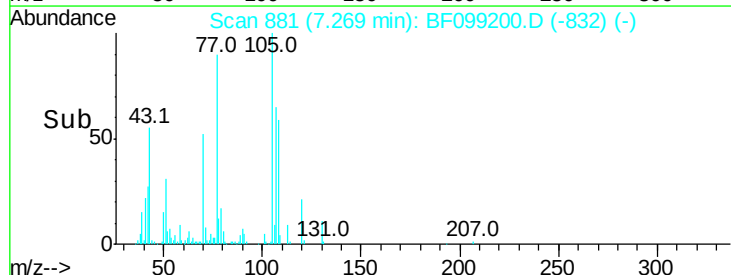


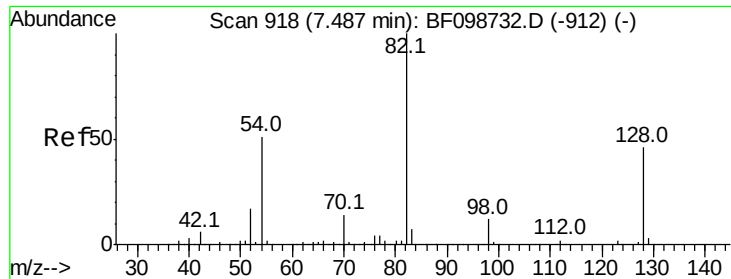
#22
Acetophenone
Concen: 9.187 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Tgt Ion:	105	Resp:	102621
Ion	Ratio	Lower	Upper
105	100		
71	8.0	4.4	6.6#
51	31.3	22.3	33.5
120	21.0	16.9	25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

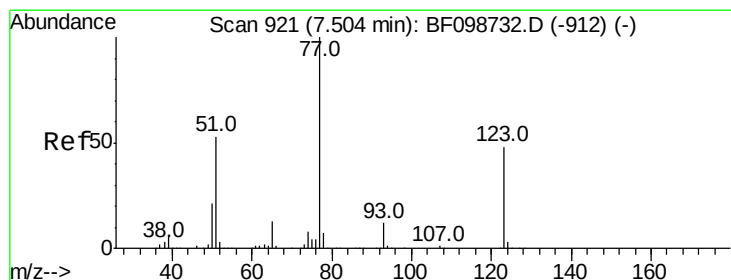
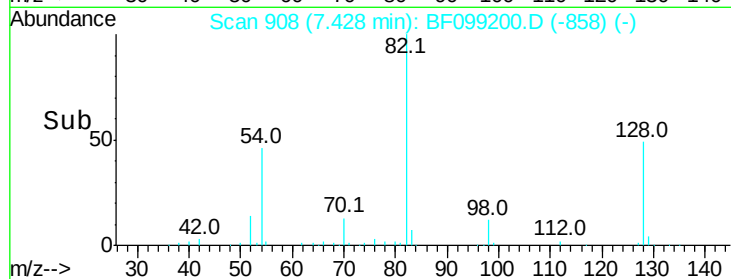
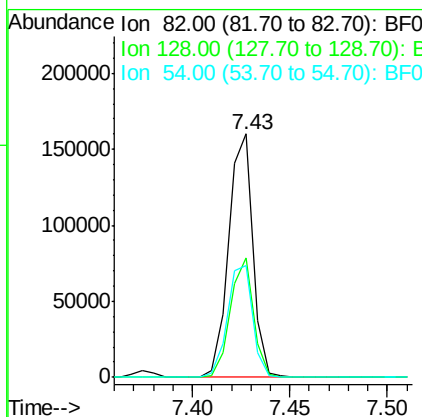
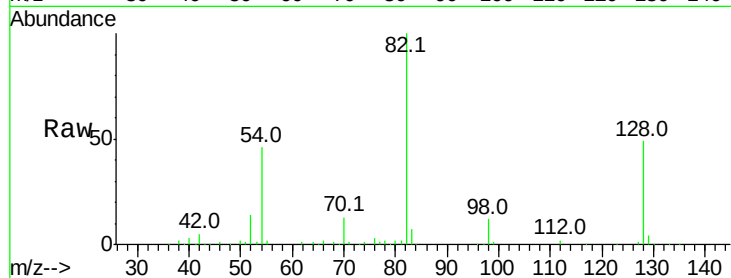




#23
 Nitrobenzene-d5
 Concen: 19.133 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

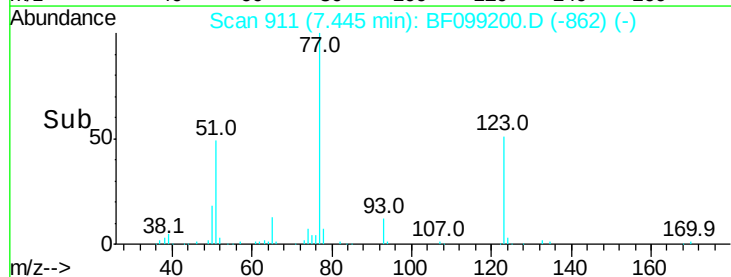
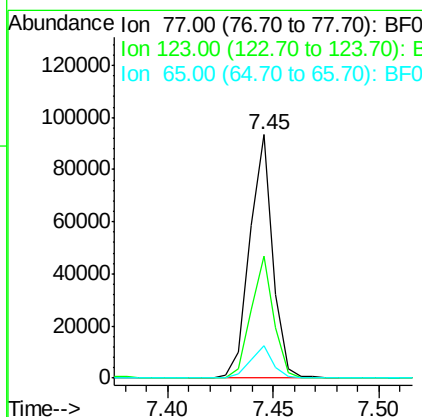
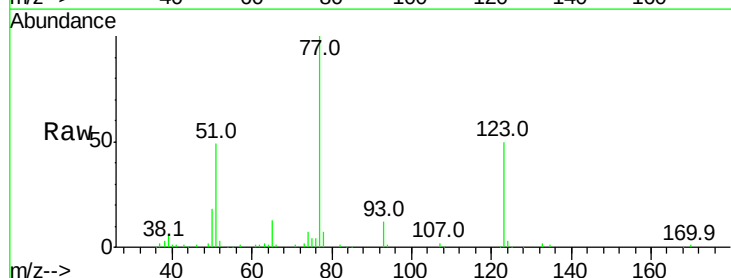
Instrument :
 BNA_F
 ClientSampleId :

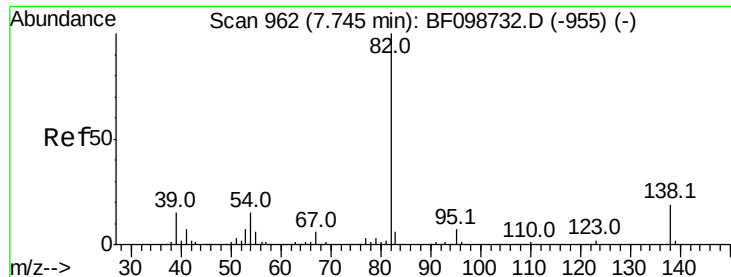
Tot Ion	82	Resp	137553
Ion	Ratio	Lower	Upper
82	100		
128	49.0	36.1	54.1
54	45.7	41.4	62.2



#24
 Nitrobenzene
 Concen: 8.671 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

Tgt Ion	77	Resp	70719
Ion	Ratio	Lower	Upper
77	100		
123	50.2	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 8.678 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

Instrument :

BNA_F

ClientSampleId :

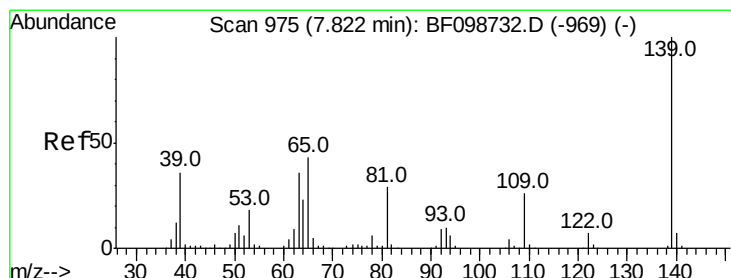
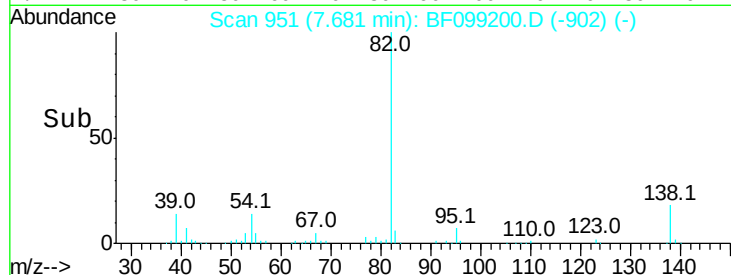
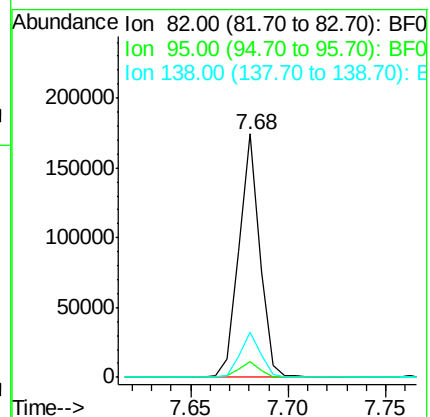
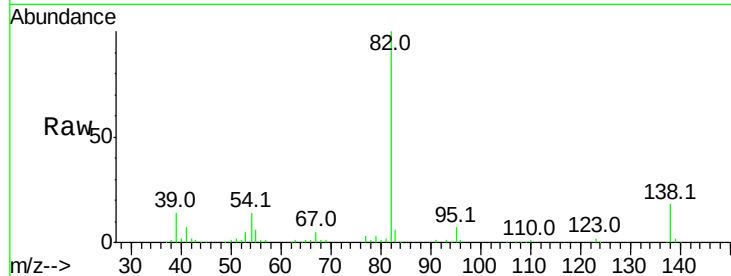
Tot Ion: 82 Resp: 128984

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 18.4 14.9 22.3



#26

2-Nitrophenol

Concen: 5.554 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

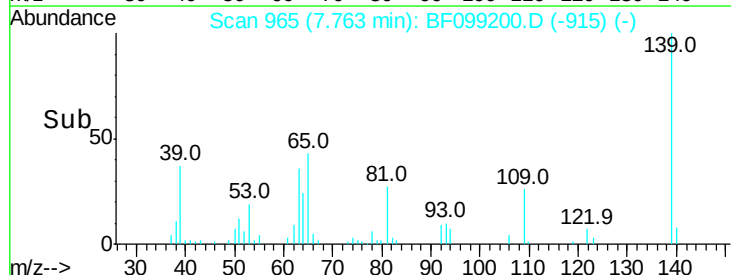
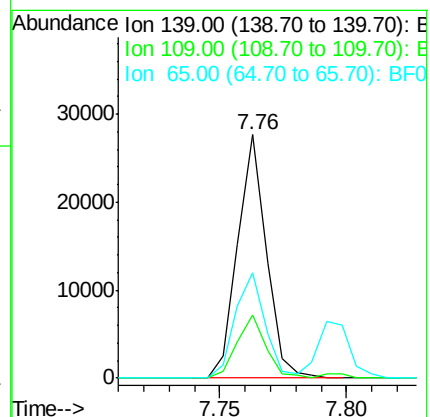
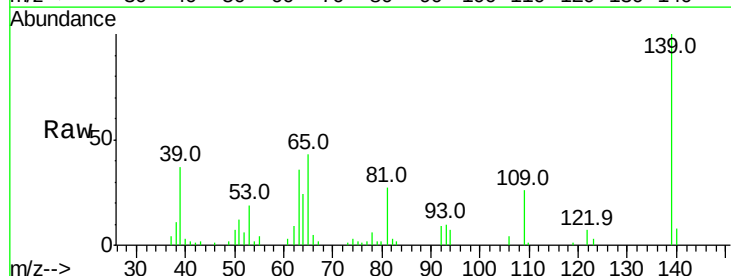
Tgt Ion: 139 Resp: 21782

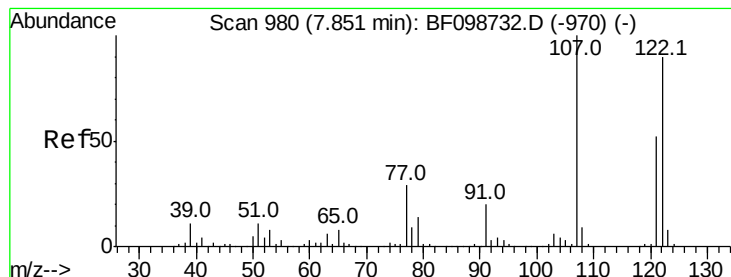
Ion Ratio Lower Upper

139 100

109 26.1 22.7 34.1

65 43.4 40.5 60.7

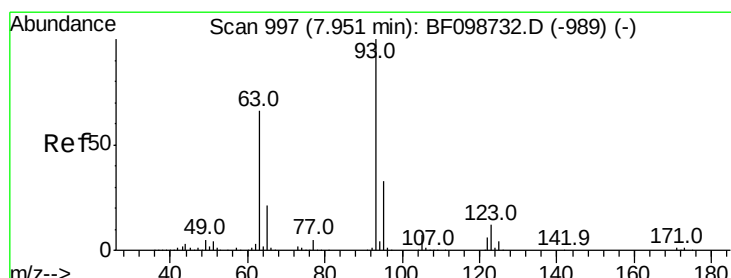
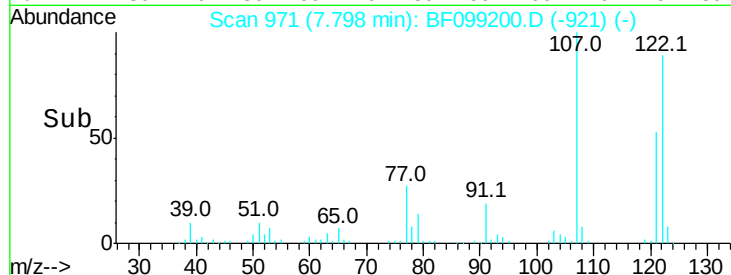
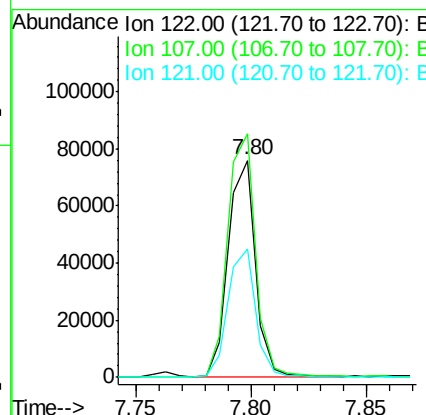
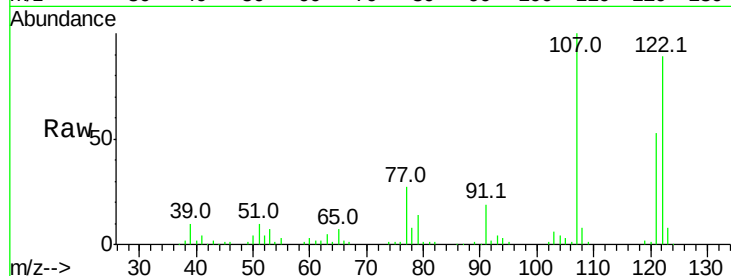




#27
 2,4-Dimethylphenol
 Concen: 8.445 ng
 RT: 7.80 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

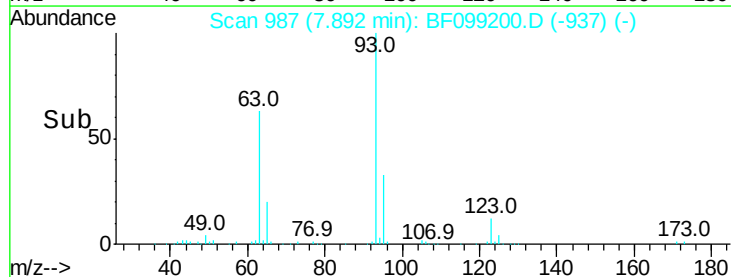
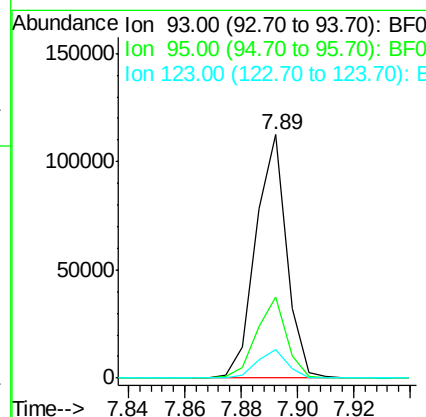
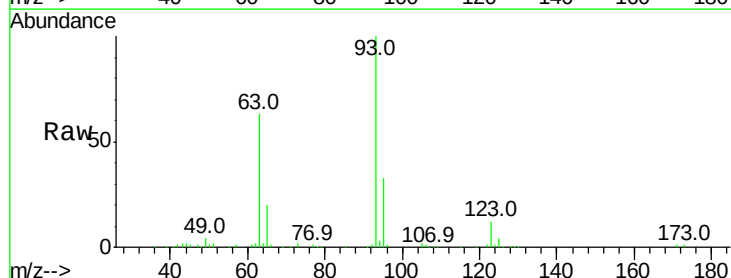
Instrument :
 BNA_F
 ClientSampleId :

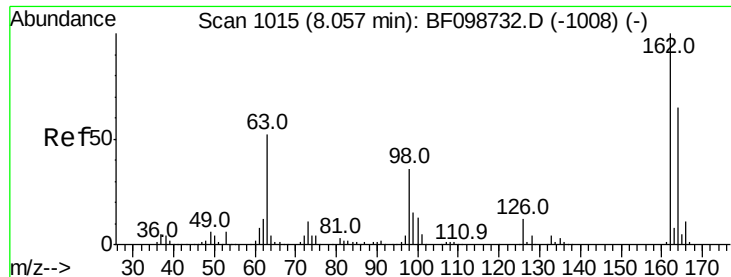
Tot Ion:122 Resp: 62547
 Ion Ratio Lower Upper
 122 100
 107 112.2 91.2 136.8
 121 59.1 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 9.200 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

Tgt Ion: 93 Resp: 85220
 Ion Ratio Lower Upper
 93 100
 95 33.3 26.3 39.5
 123 11.8 9.8 14.6

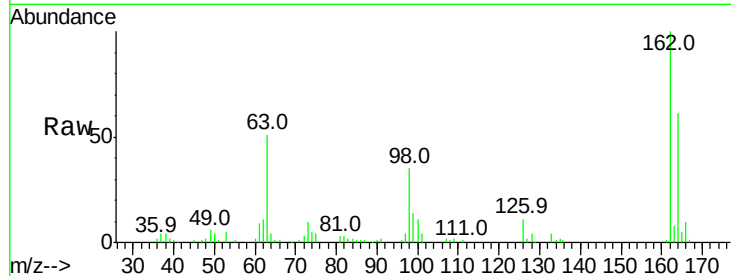




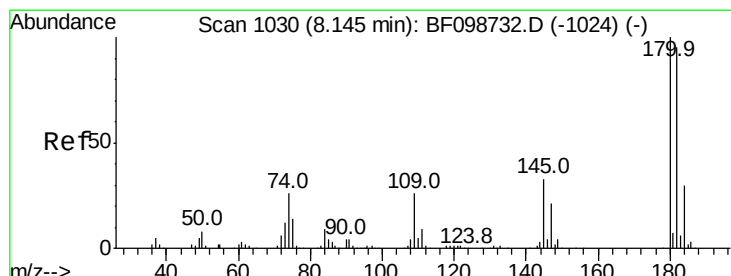
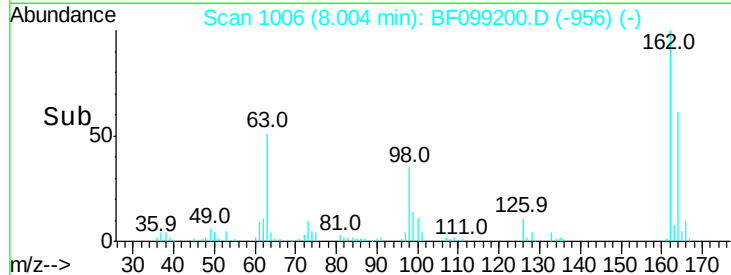
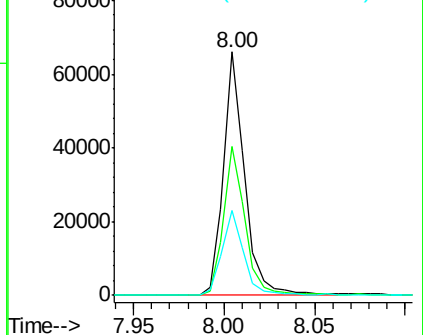
#29
2,4-Dichlorophenol
Concen: 8.490 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 53984
Ion Ratio Lower Upper
162 100
164 61.3 42.7 82.7
98 34.9 18.1 58.1

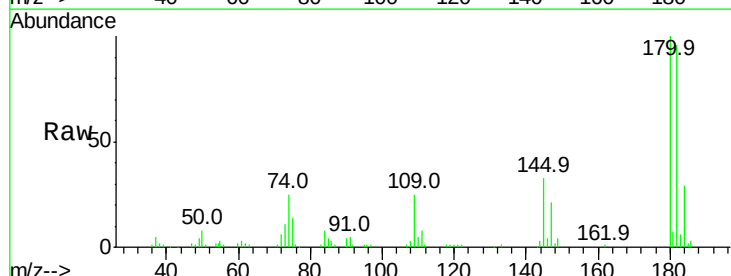


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BFO

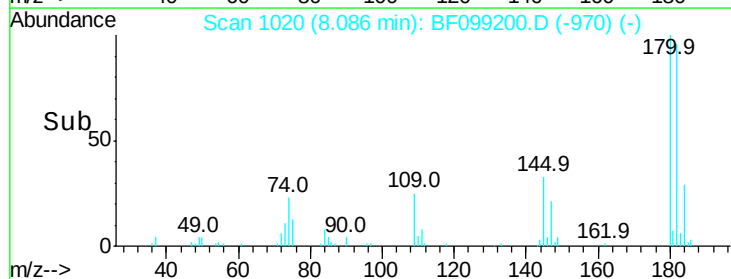
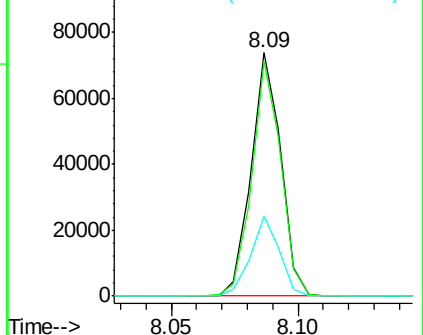


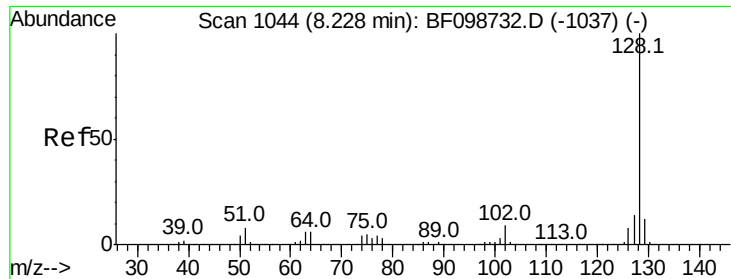
#30
1,2,4-Trichlorobenzene
Concen: 9.438 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Tgt Ion:180 Resp: 60027
Ion Ratio Lower Upper
180 100
182 96.3 76.8 115.2
145 32.9 26.5 39.7



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

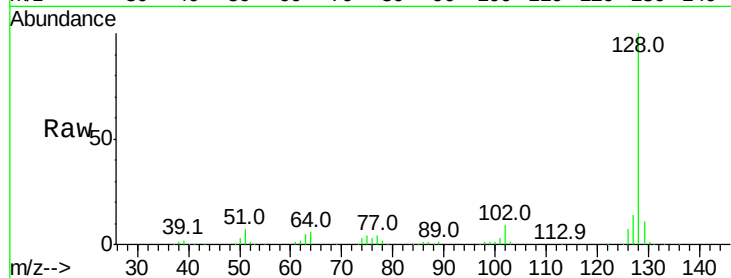




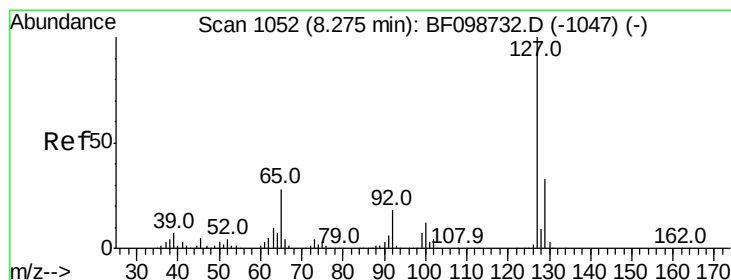
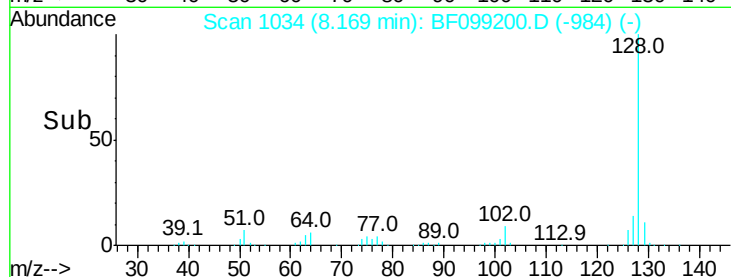
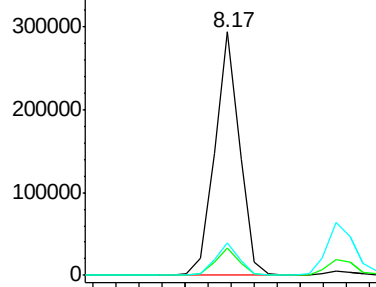
#31
Naphthalene
Concen: 10.123 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 219195
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.6 10.9 16.3

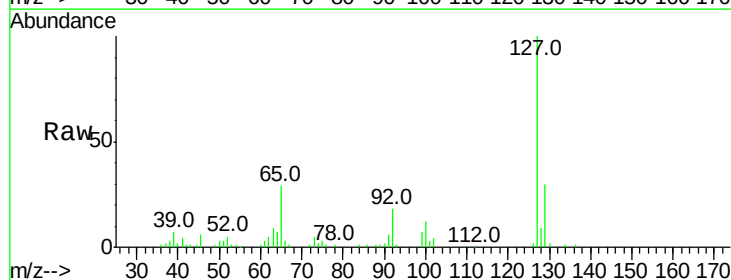


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

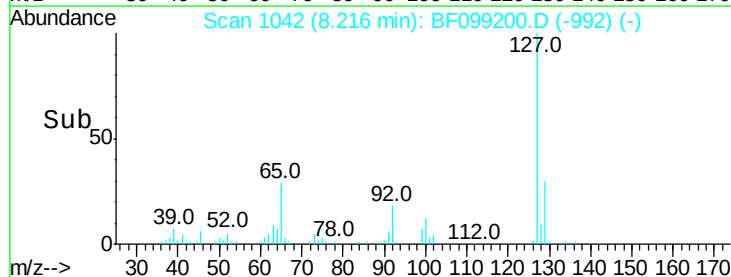
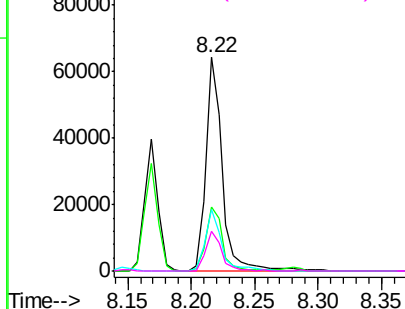


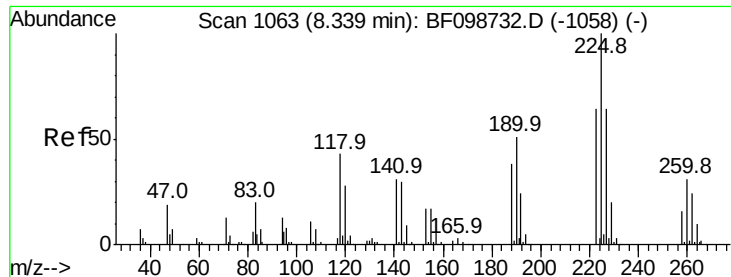
#33
4-Chloroaniline
Concen: 6.405 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Tgt Ion:127 Resp: 57922
Ion Ratio Lower Upper
127 100
129 29.9 25.9 38.9
65 28.6 25.0 37.4
92 18.4 15.2 22.8



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

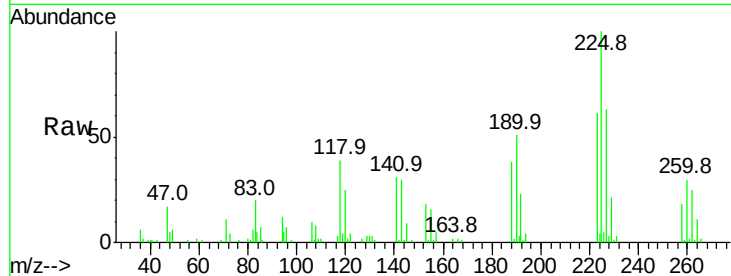




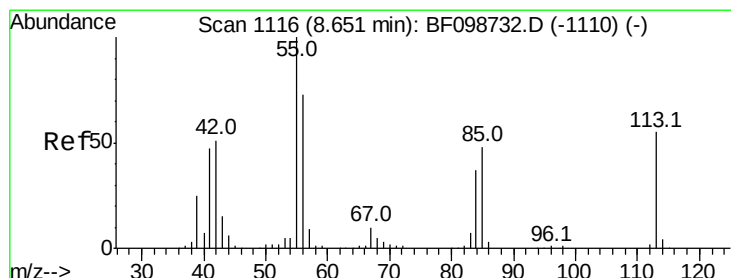
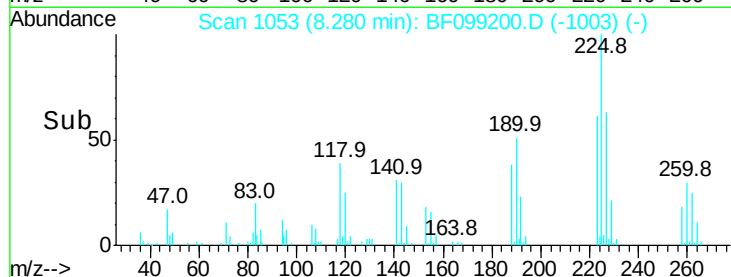
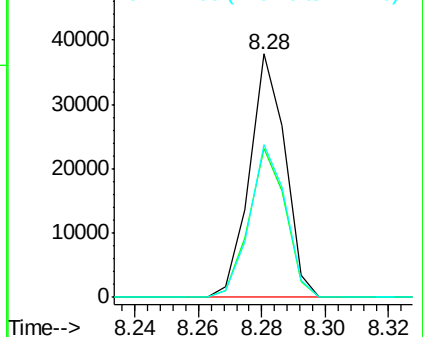
#34
Hexachlorobutadiene
Concen: 8.998 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 29475
Ion Ratio Lower Upper
225 100
223 61.4 50.6 76.0
227 62.8 51.9 77.9

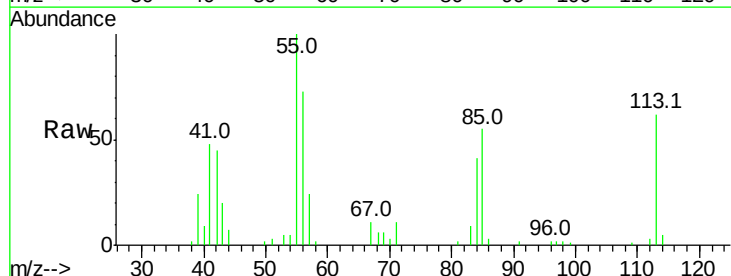


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

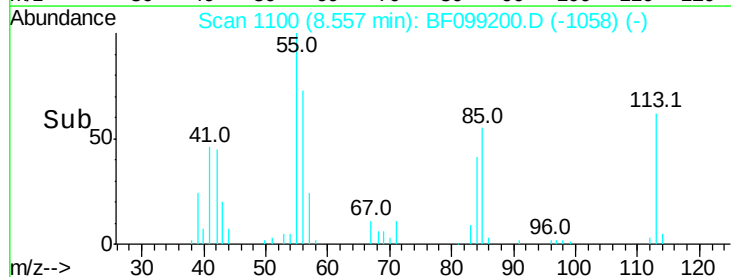
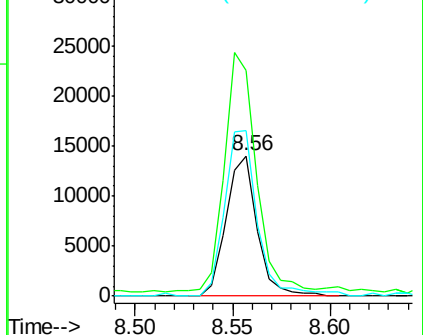


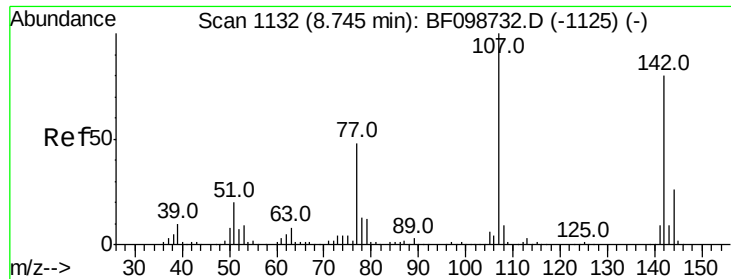
#35
Caprolactam
Concen: 7.589 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.05 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Tgt Ion:113 Resp: 15479
Ion Ratio Lower Upper
113 100
55 161.0 163.3 203.3#
56 117.3 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

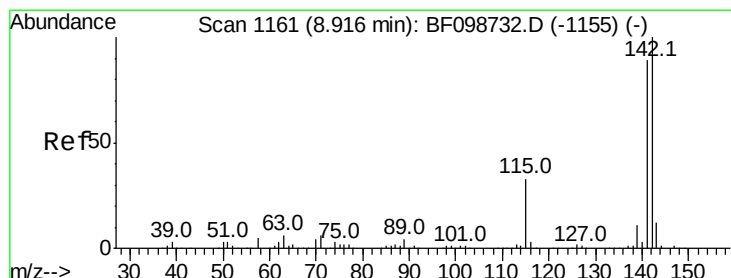
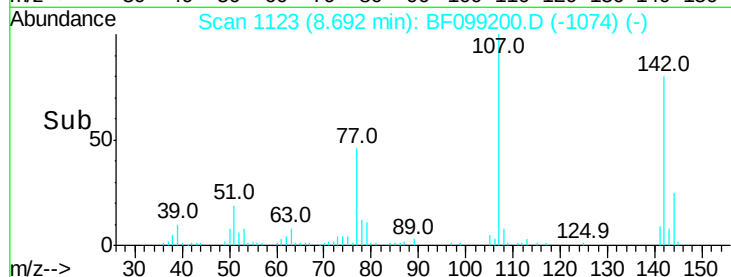
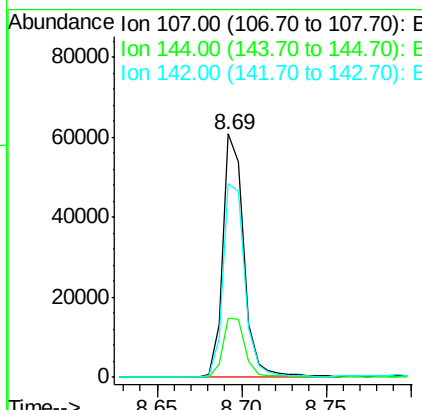
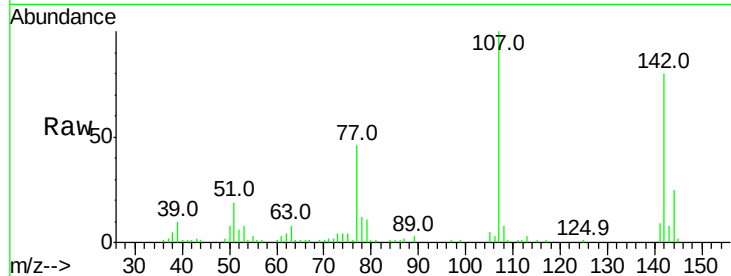




#36
 4-Chloro-3-methylphenol
 Concen: 7.447 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

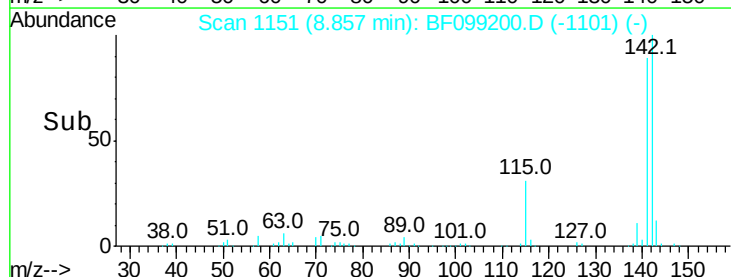
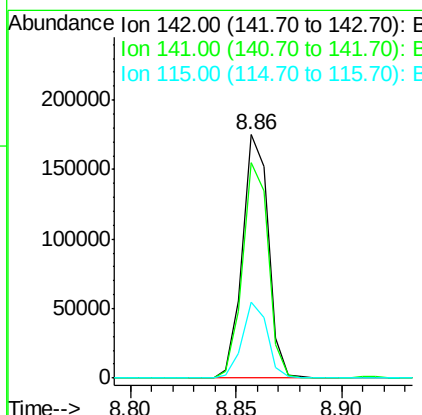
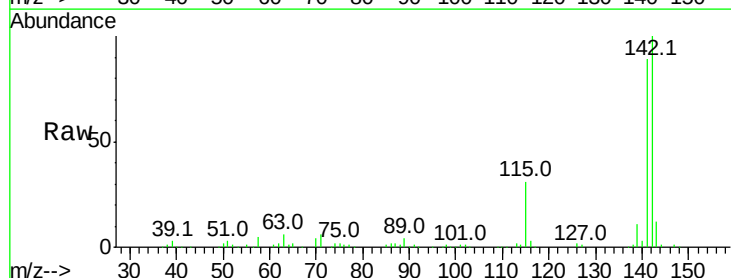
Instrument :
 BNA_F
 ClientSampled :

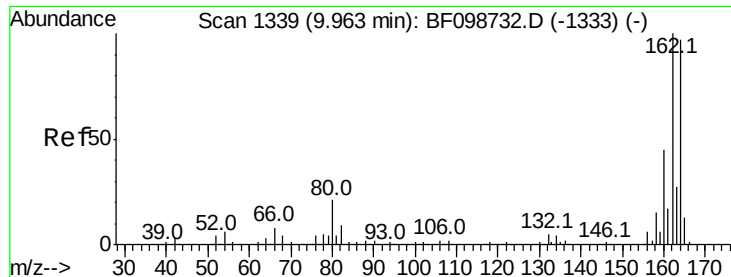
Tot Ion:107 Resp: 53226
 Ion Ratio Lower Upper
 107 100
 144 24.6 20.5 30.7
 142 79.5 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 10.585 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

Tgt Ion:142 Resp: 148997
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.8 106.2
 115 31.0 26.1 39.1

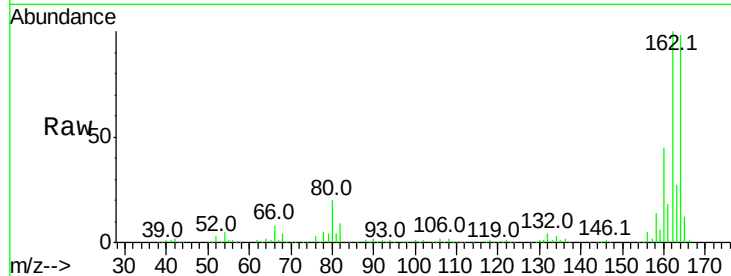




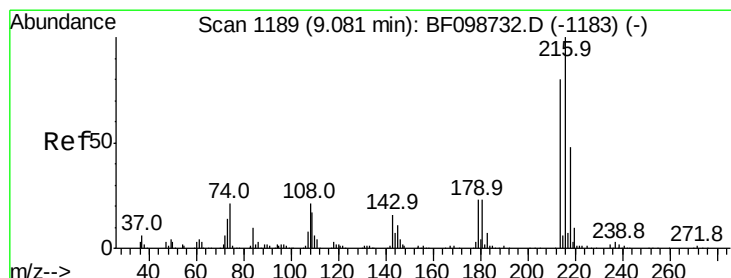
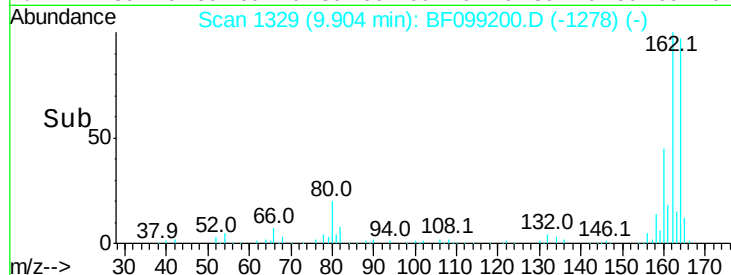
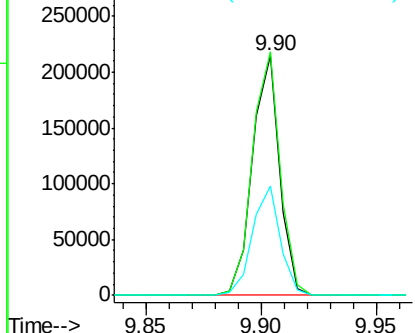
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	45.5	38.3	57.5



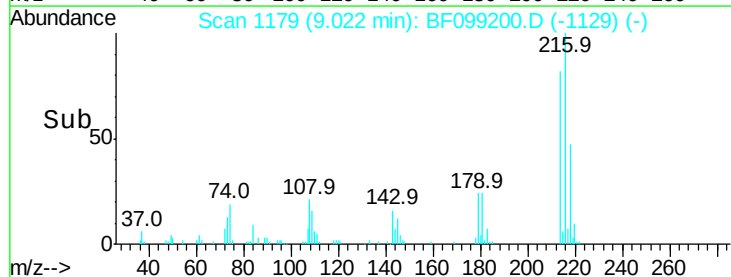
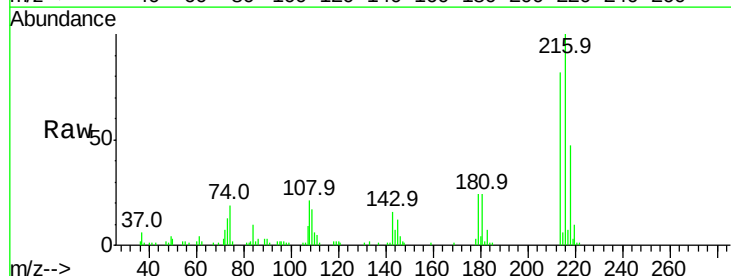
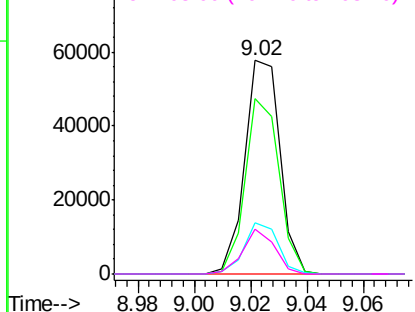
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

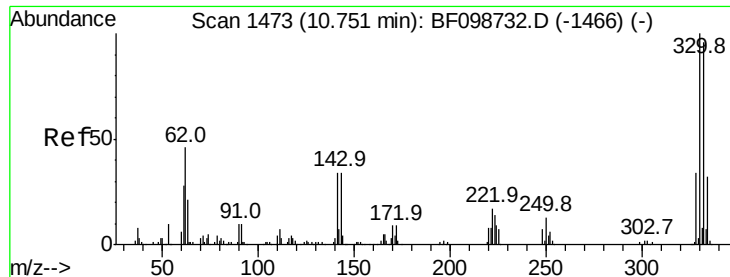


#39
1,2,4,5-Tetrachlorobenzene
Concen: 9.526 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	23.2	18.1	27.1
108	18.9	17.2	25.8

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

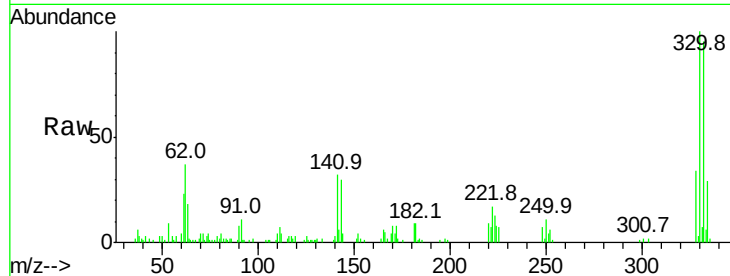




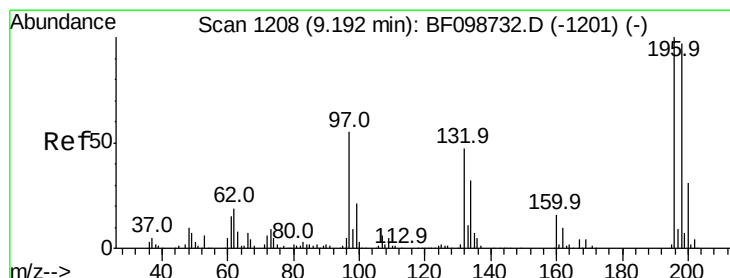
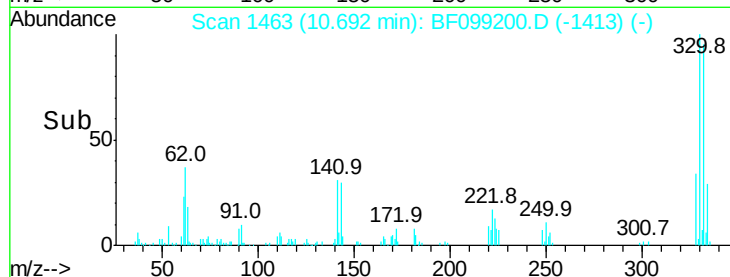
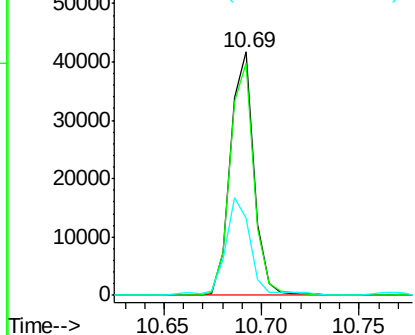
#41
 2,4,6-Tribromophenol
 Concen: 24.134 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	43.6	29.9	44.9

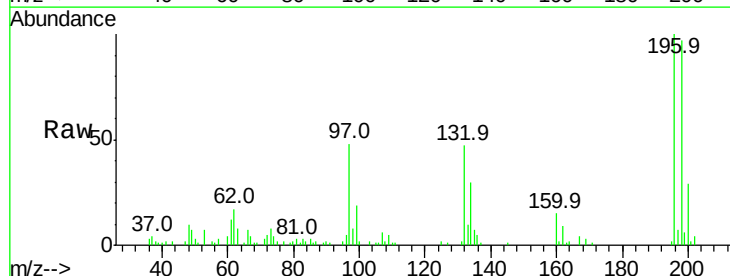


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

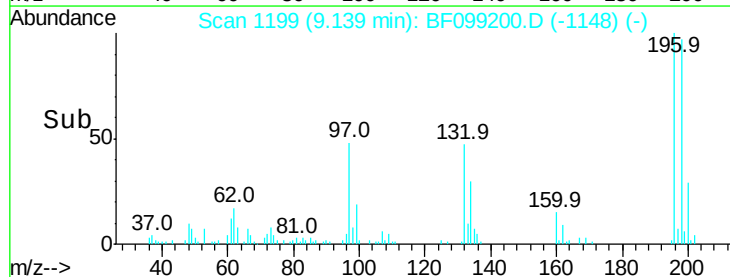
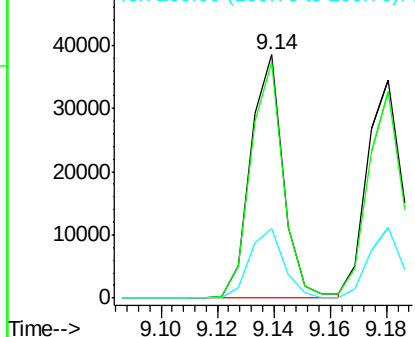


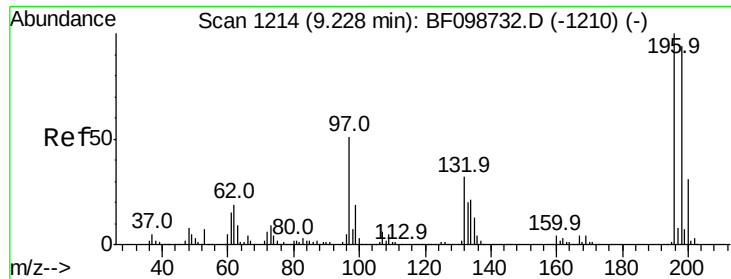
#42
 2,4,6-Trichlorophenol
 Concen: 8.311 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.7	113.5
200	28.5	24.5	36.7



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



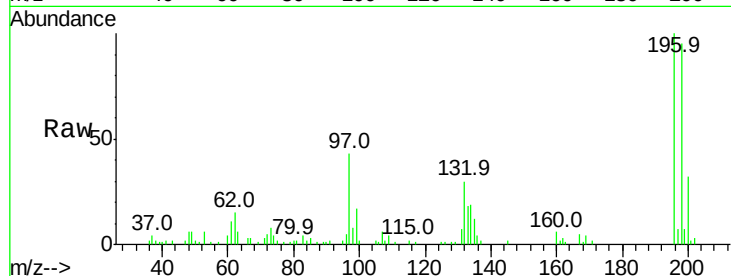


#43
 2,4,5-Trichlorophenol
 Concen: 8.571 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

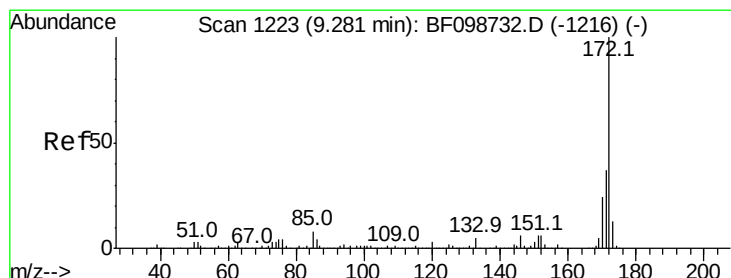
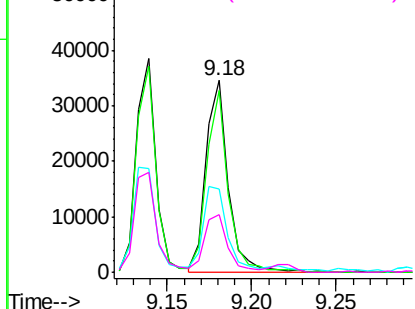
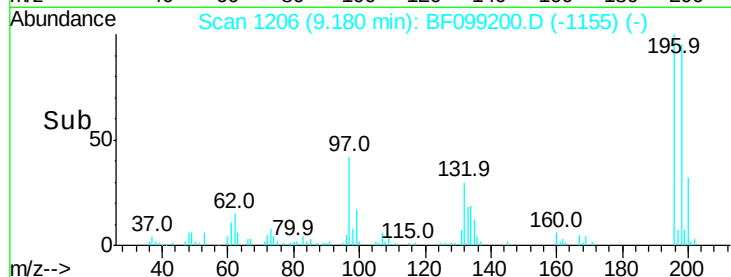
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 31929

Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.6	112.0
97	43.3	42.9	64.3
132	30.3	26.3	39.5



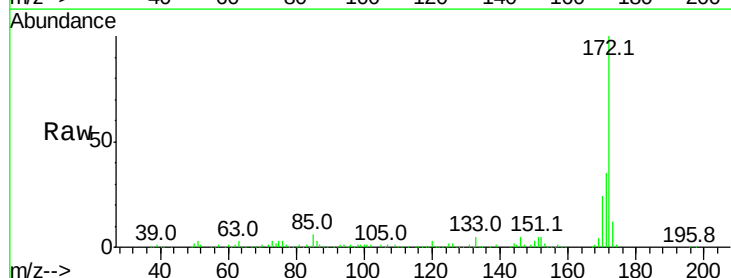
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



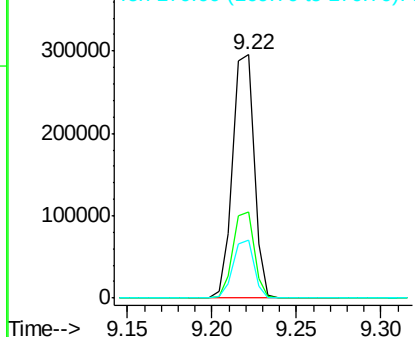
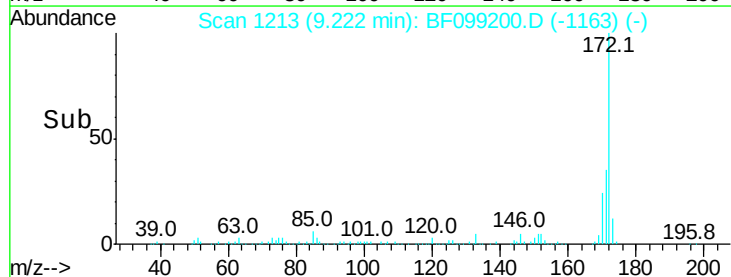
#44
 2-Fluorobiphenyl
 Concen: 24.765 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

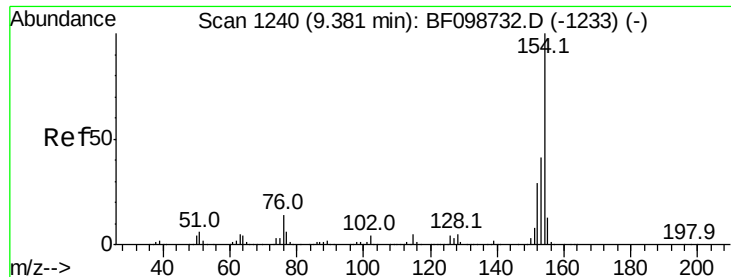
Tgt Ion:172 Resp: 262019

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.6	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

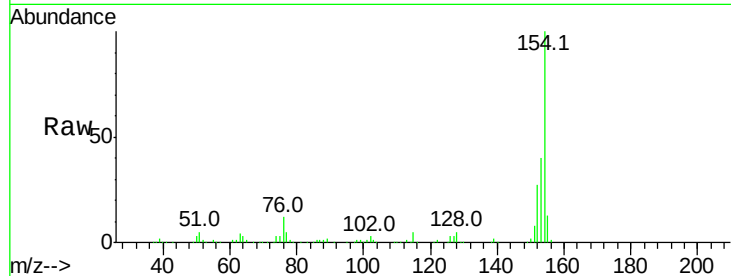




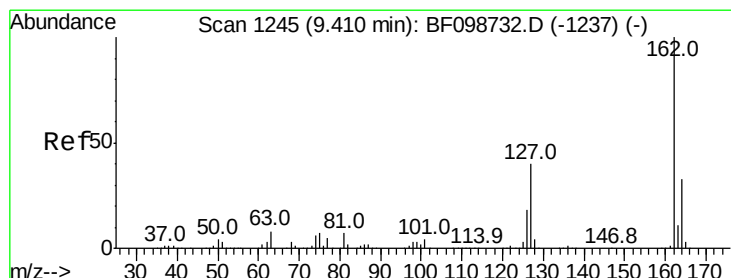
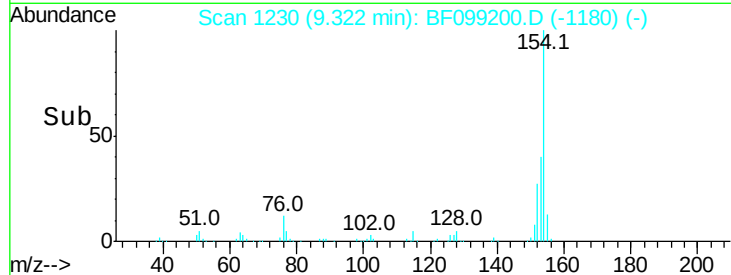
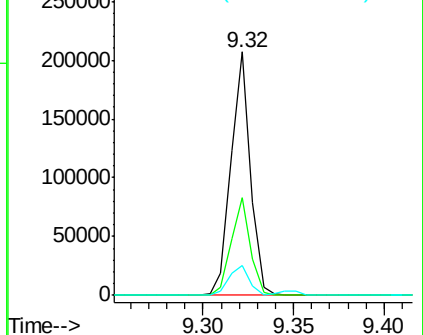
#45
 1,1'-Biphenyl
 Concen: 10.179 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 154512
 Ion Ratio Lower Upper
 154 100
 153 39.9 21.3 61.3
 76 12.5 0.0 34.0

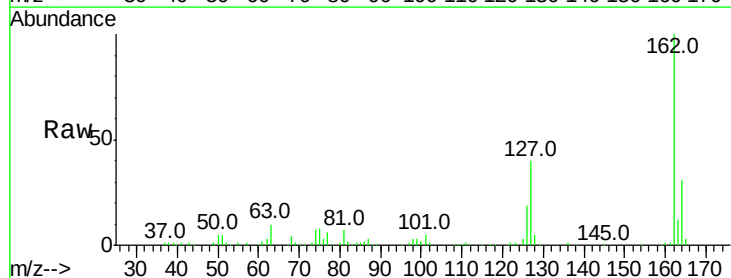


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

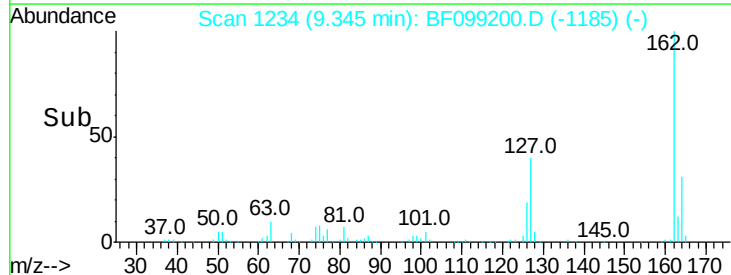
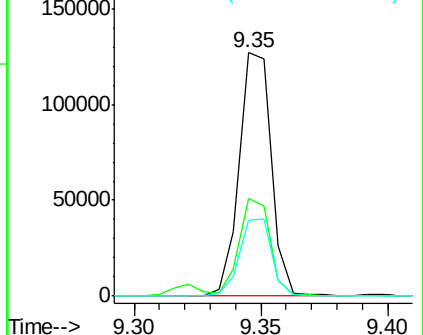


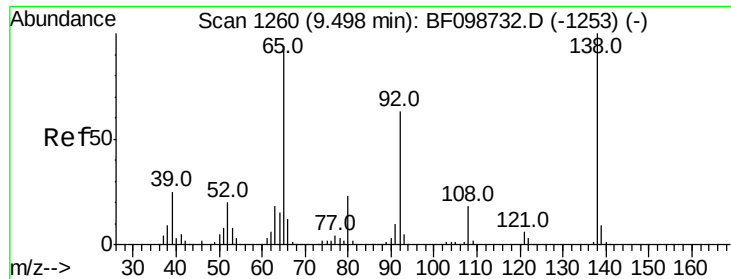
#46
 2-Chloronaphthalene
 Concen: 9.824 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

Tgt Ion:162 Resp: 111968
 Ion Ratio Lower Upper
 162 100
 127 40.1 33.9 50.9
 164 31.3 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

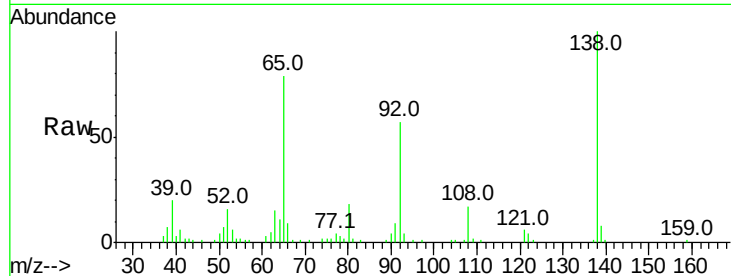




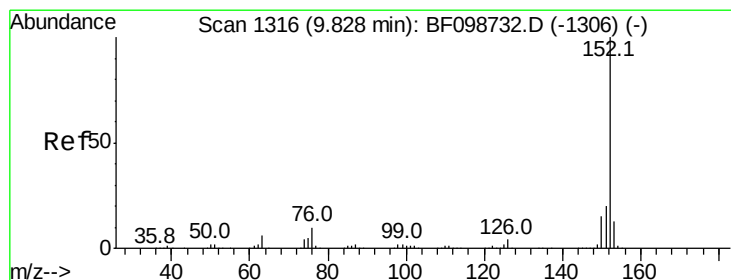
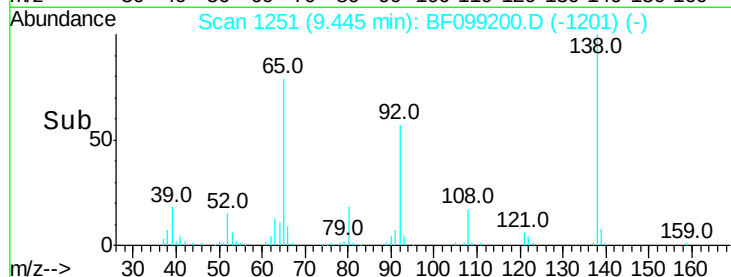
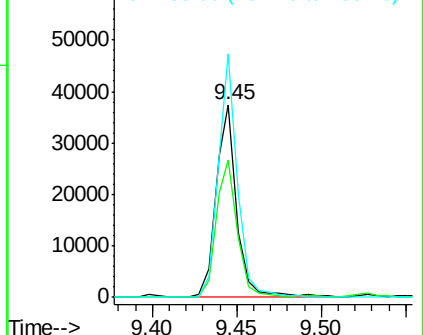
#47
2-Nitroaniline
Concen: 9.247 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 32271
Ion Ratio Lower Upper
65 100
92 71.5 55.8 83.6
138 126.5 91.2 136.8

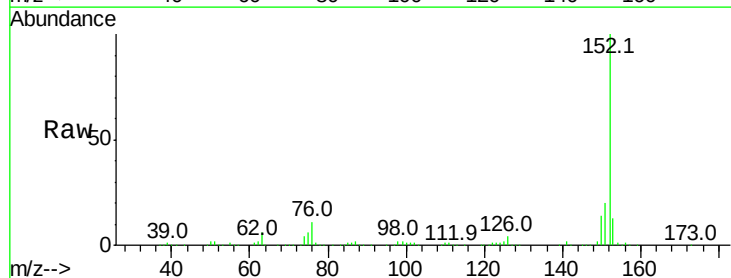


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

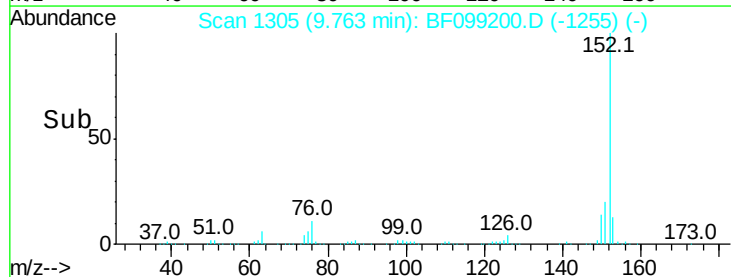
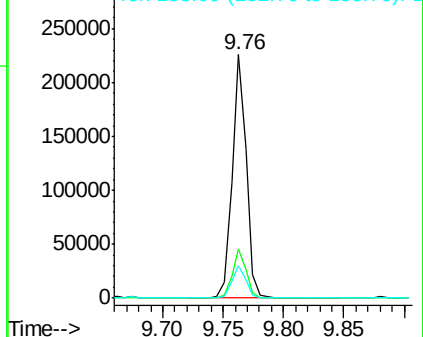


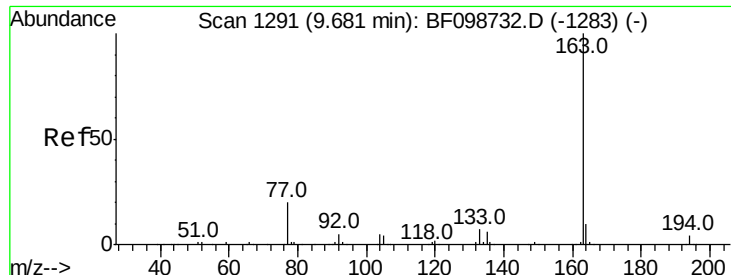
#48
Acenaphthylene
Concen: 10.472 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Tgt Ion:152 Resp: 182717
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.3 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

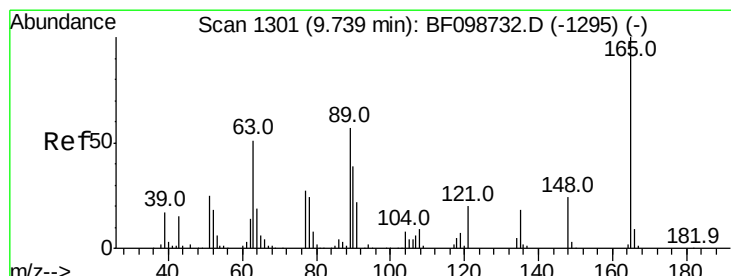
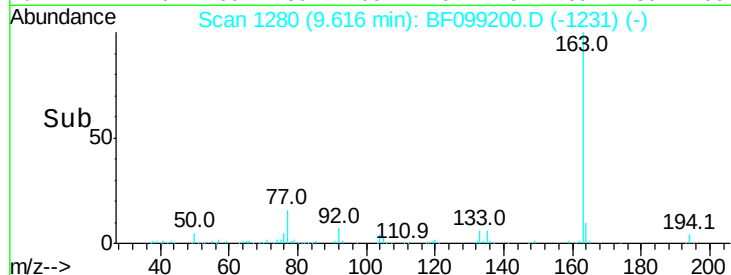
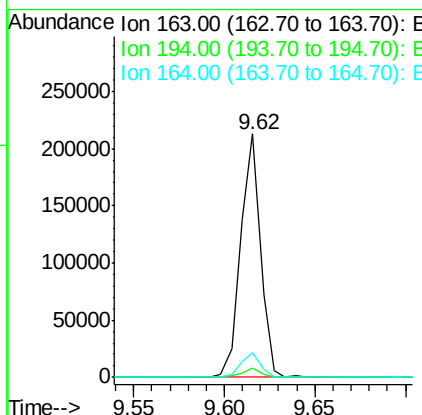
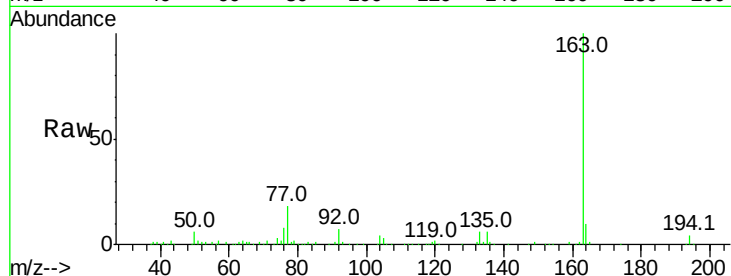




#49
Dimethylphthalate
Concen: 12.178 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

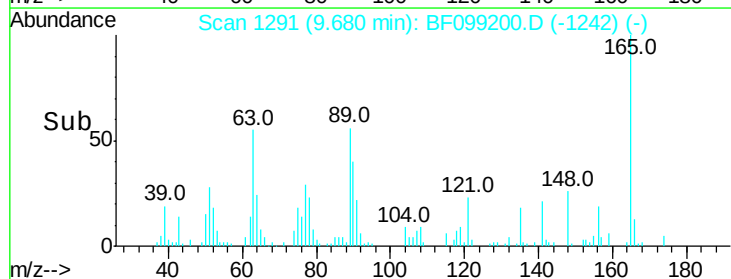
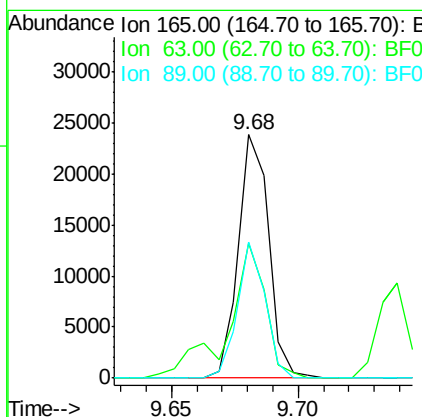
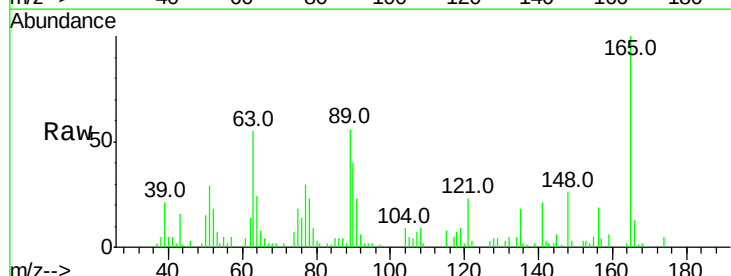
Instrument :
BNA_F
ClientSampled :

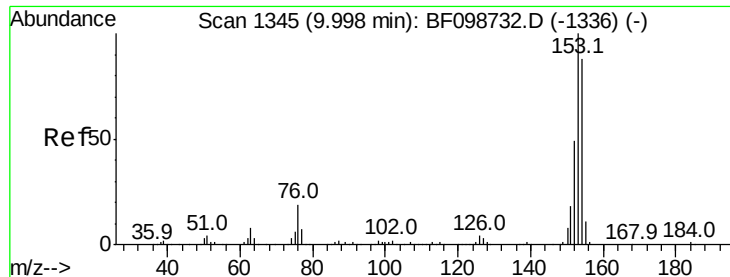
Tot Ion:163 Resp: 162339
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 6.829 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Tgt Ion:165 Resp: 19820
Ion Ratio Lower Upper
165 100
63 55.5 44.7 67.1
89 55.7 44.0 66.0





#51

Acenaphthene

Concen: 10.501 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

Instrument :

BNA_F

ClientSampleId :

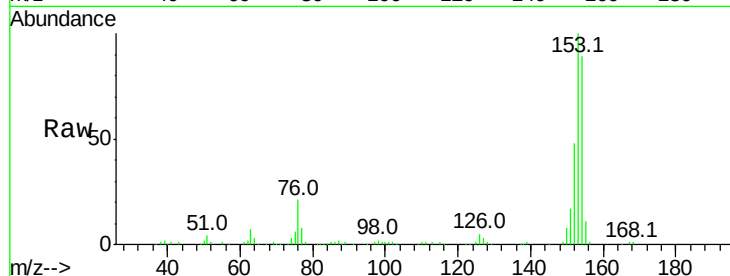
Tot Ion:154 Resp: 116059

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

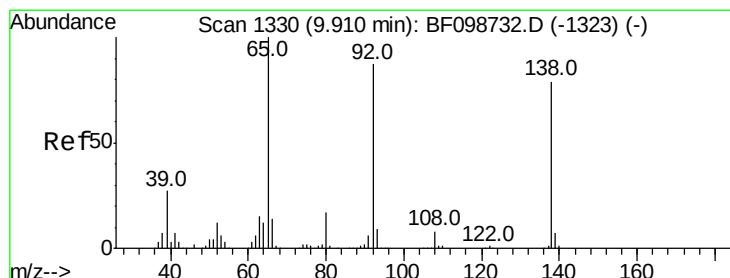
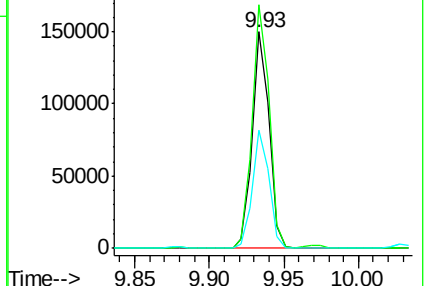
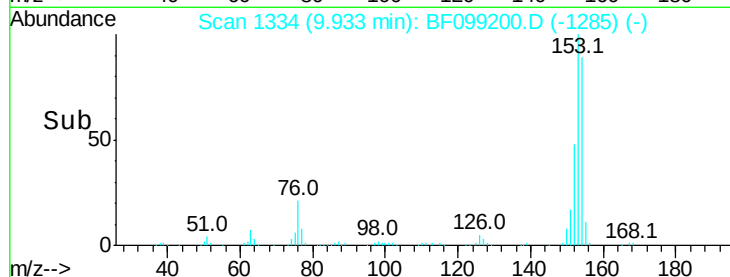
152 54.6 43.8 65.8



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: 9.199 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

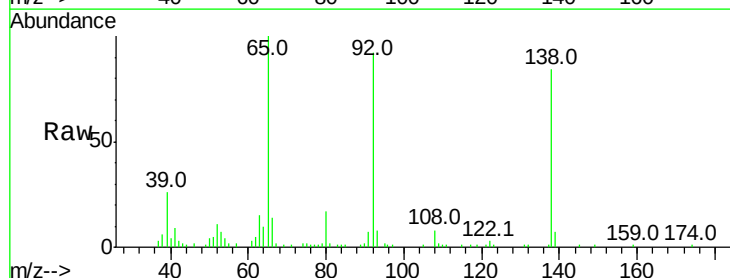
Tgt Ion:138 Resp: 31130

Ion Ratio Lower Upper

138 100

108 9.0 9.4 14.0#

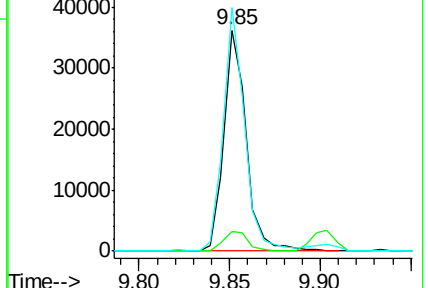
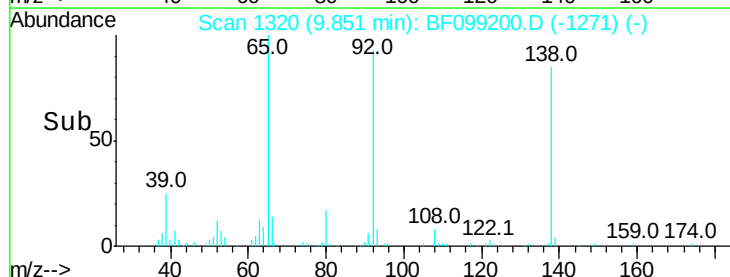
92 110.2 89.4 134.2

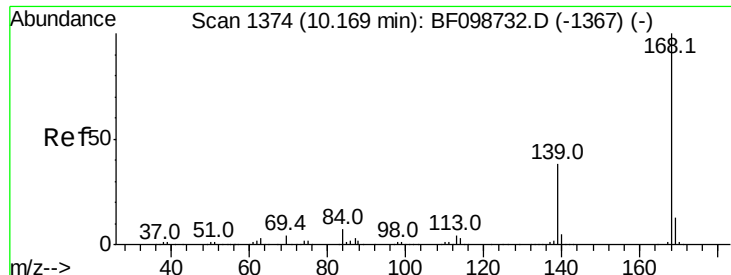


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#54

Dibenzofuran

Concen: 11.095 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

Instrument :

BNA_F

ClientSampleId :

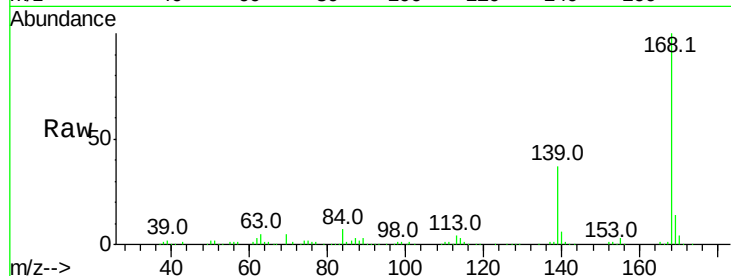
Tot Ion:168 Resp: 163261

Ion Ratio Lower Upper

168 100

139 37.3 30.1 45.1

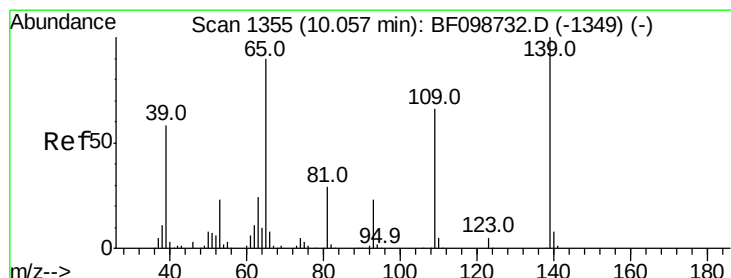
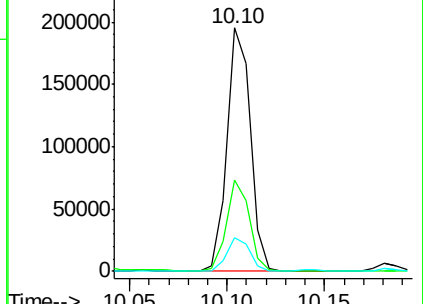
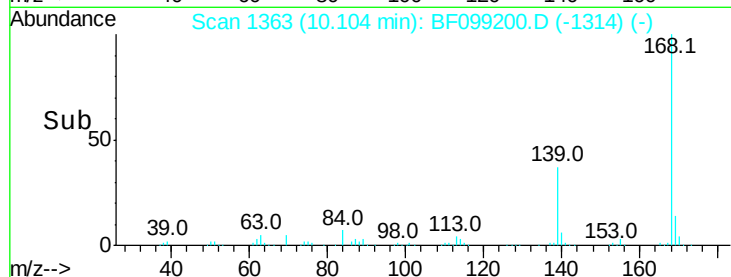
169 13.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 10.406 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

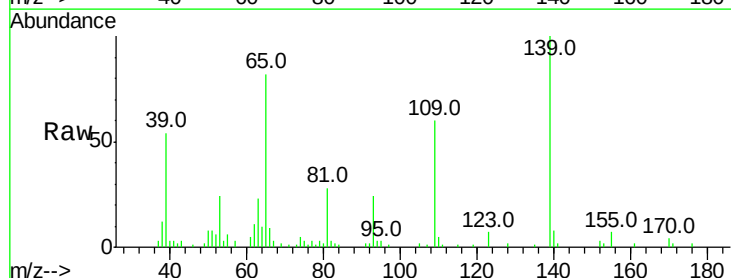
Tgt Ion:139 Resp: 29775

Ion Ratio Lower Upper

139 100

109 59.8 48.4 88.4

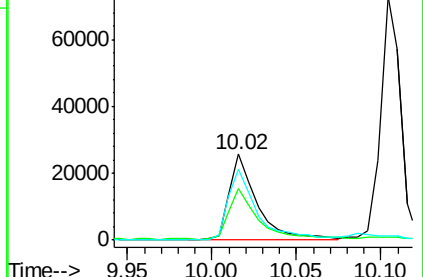
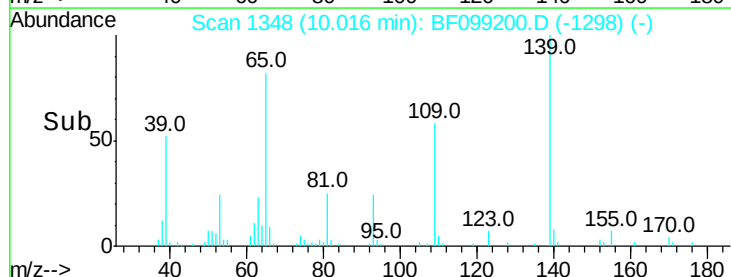
65 82.2 72.6 112.6

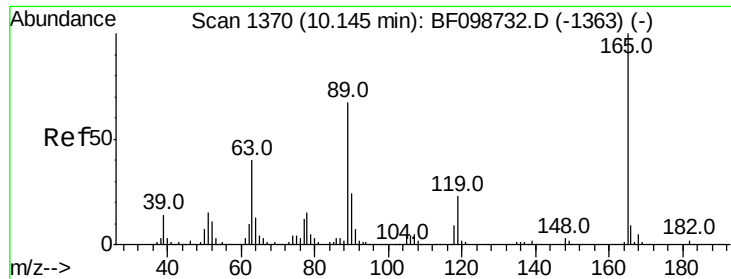


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 6.040 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 22751

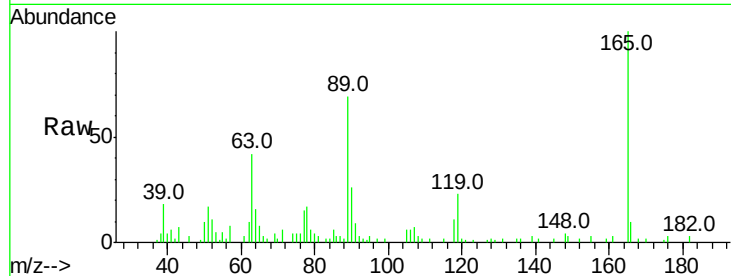
Ion Ratio Lower Upper

165 100

63 42.5 36.4 54.6

89 69.3 57.8 86.6

182 2.6 1.6 2.4#

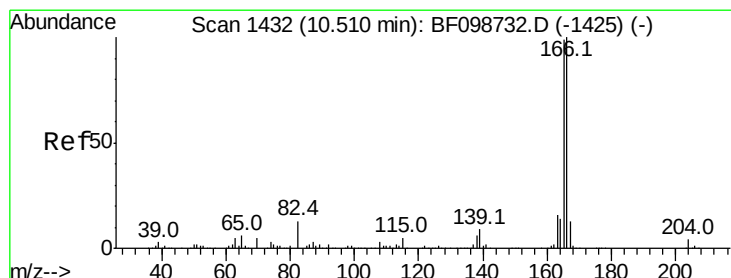
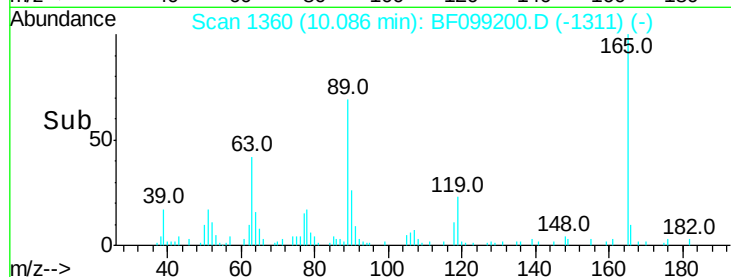
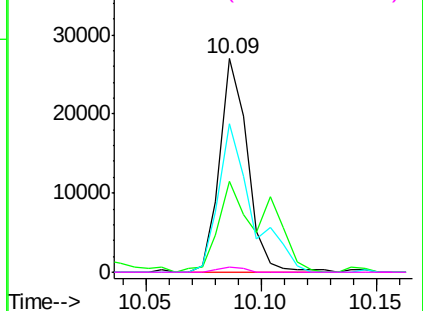


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.983 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

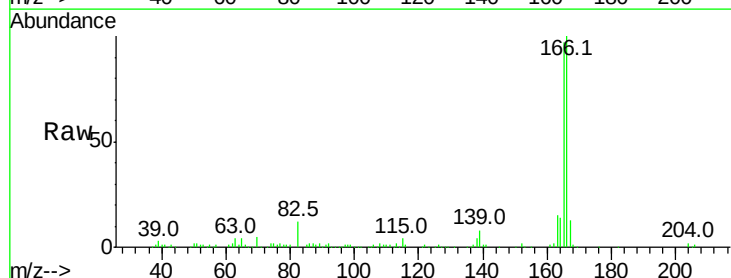
Tgt Ion:166 Resp: 141727

Ion Ratio Lower Upper

166 100

165 96.7 79.8 119.8

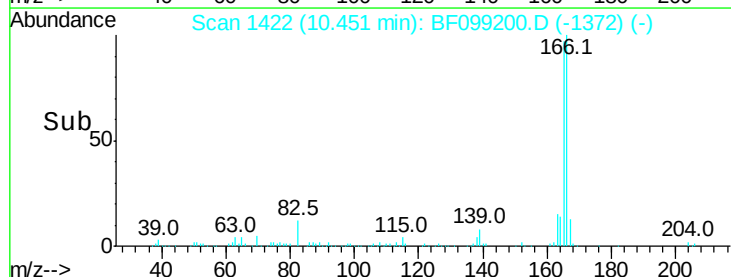
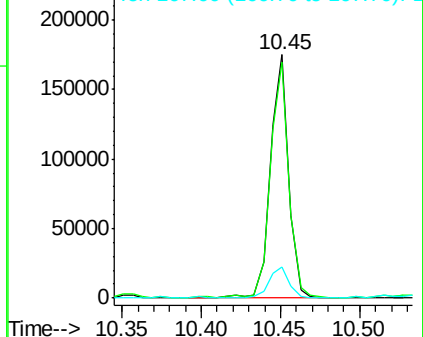
167 13.0 10.6 16.0

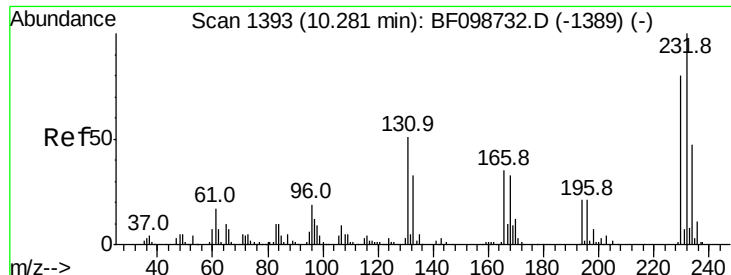


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

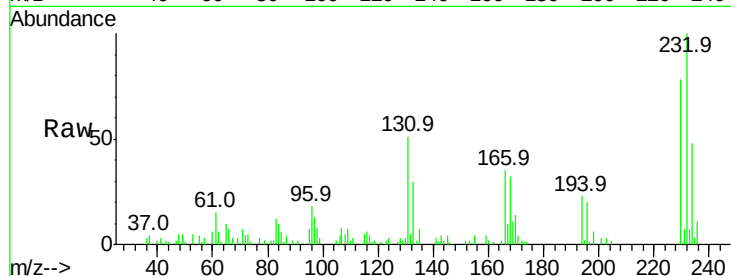




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.892 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	59.2	43.8	65.8
130	3.6	2.1	3.1#
166	35.8	27.8	41.6

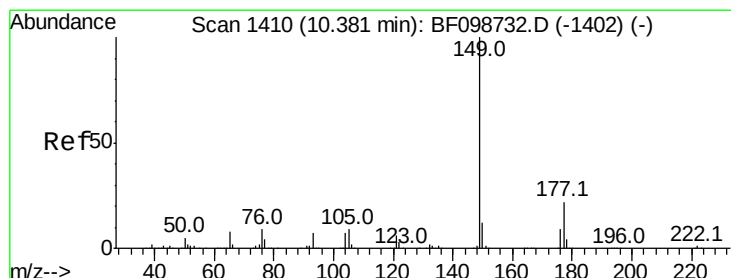
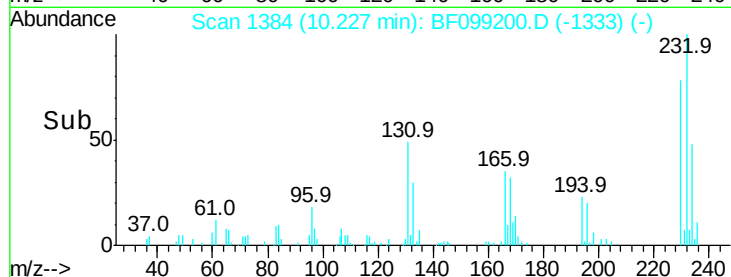
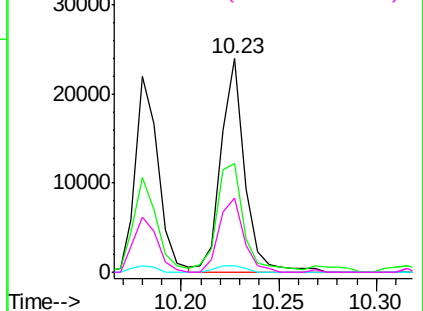


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

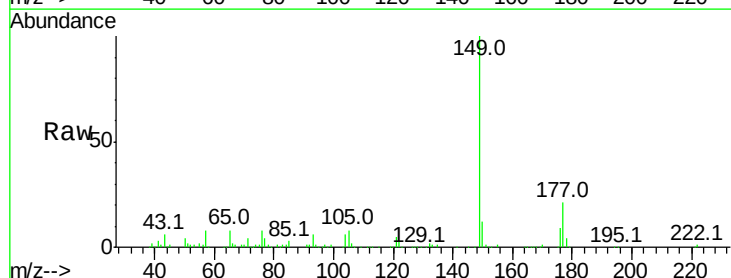
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59
 Diethylphthalate
 Concen: 9.213 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

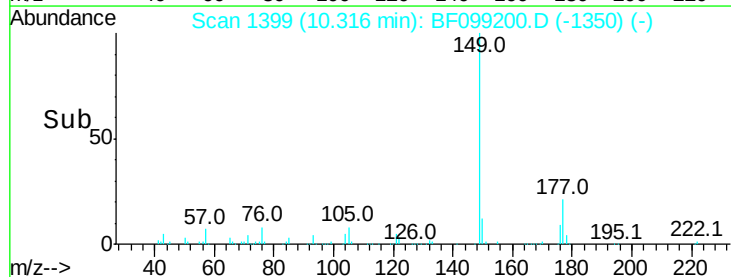
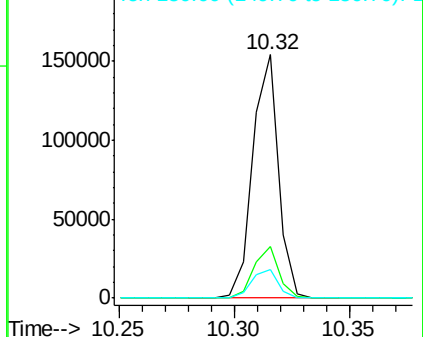
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.1	16.1	24.1
150	11.9	10.1	15.1

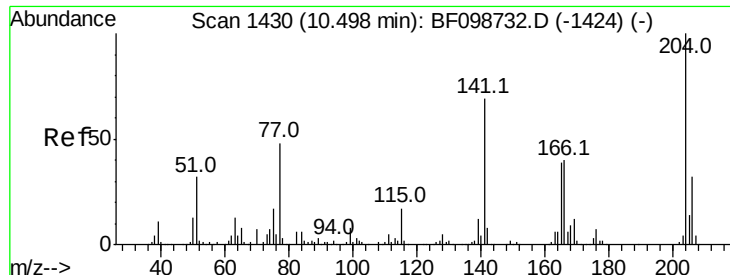


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

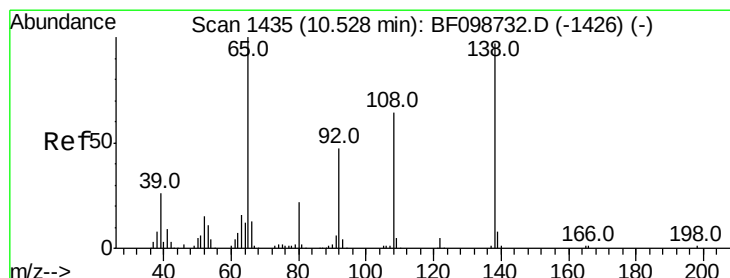
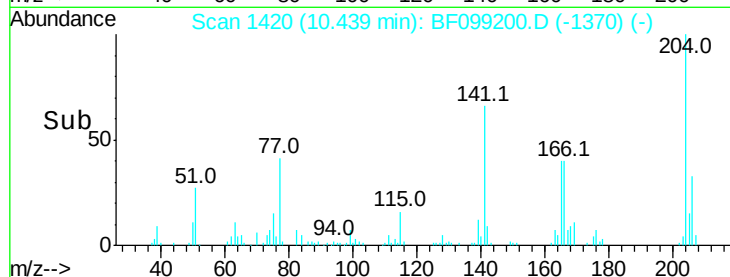
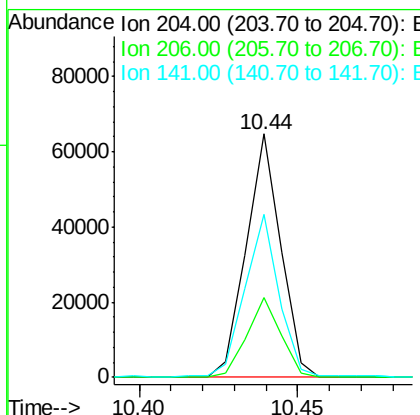
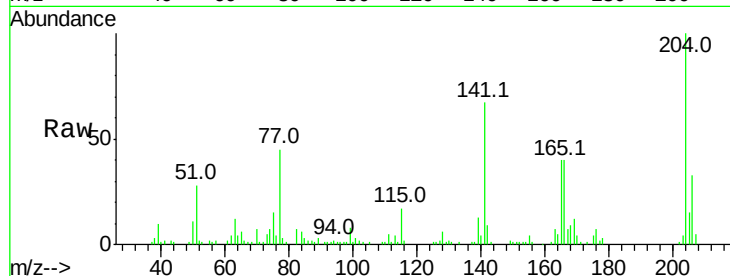




#60
 4-Chlorophenyl-phenylether
 Concen: 9.174 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

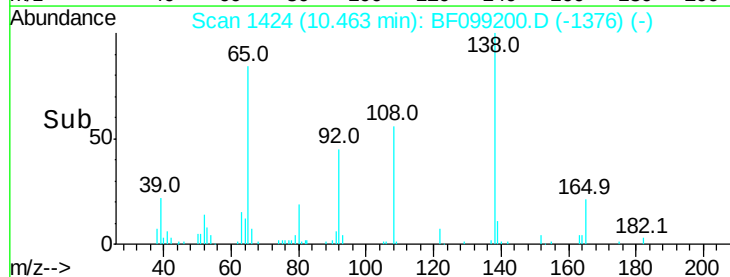
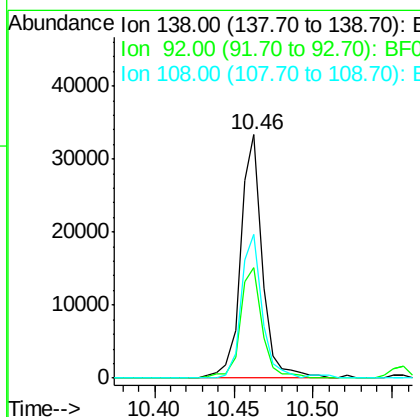
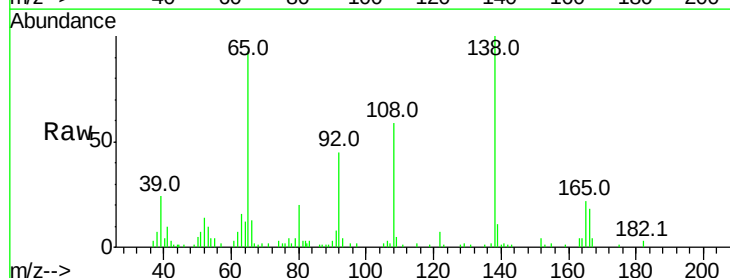
Instrument :
 BNA_F
 ClientSampleId :

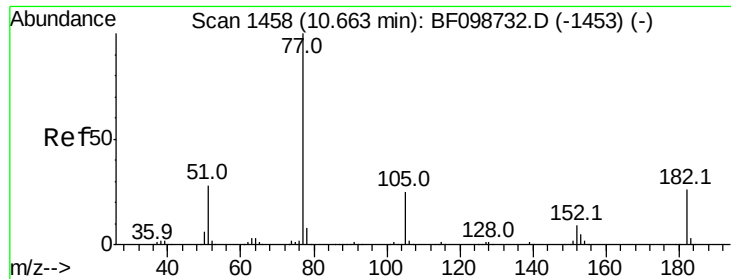
Tot Ion:204 Resp: 48742
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.5 39.7
 141 67.1 54.6 81.8



#61
 4-Nitroaniline
 Concen: 9.643 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

Tgt Ion:138 Resp: 31480
 Ion Ratio Lower Upper
 138 100
 92 45.1 30.2 70.2
 108 59.0 52.5 92.5





#62

Azobenzene

Concen: 8.248 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 98784

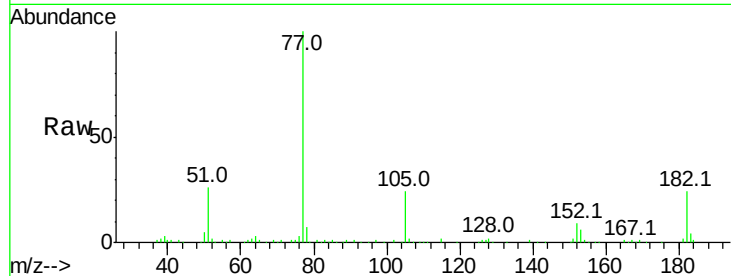
Ion Ratio Lower Upper

77 100

182 24.3 1.7 41.7

105 24.5 3.0 43.0

51 26.0 9.9 49.9

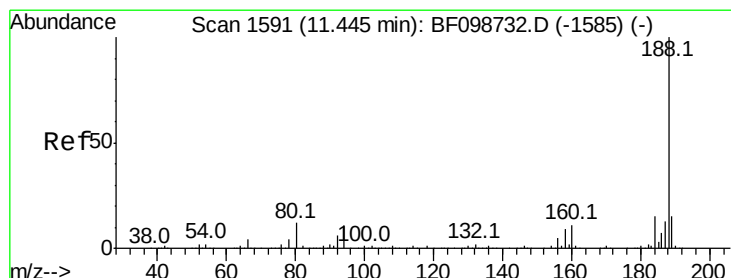
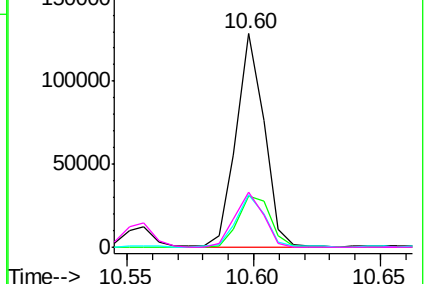
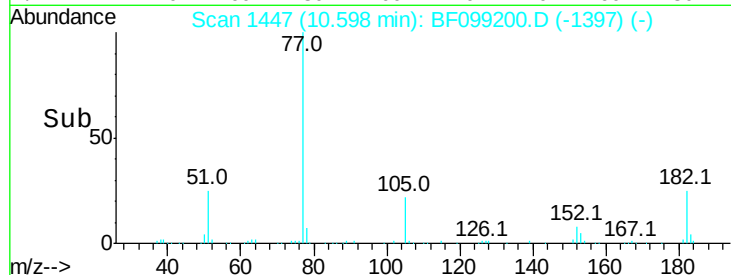


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

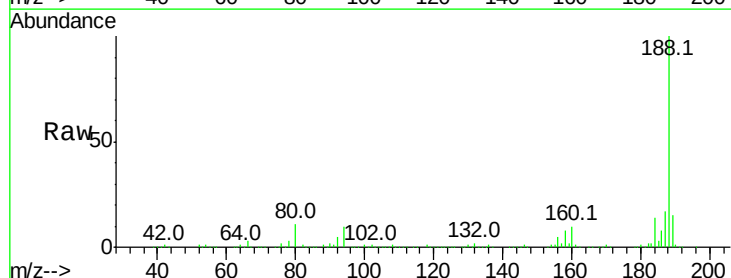
Tgt Ion: 188 Resp: 264811

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

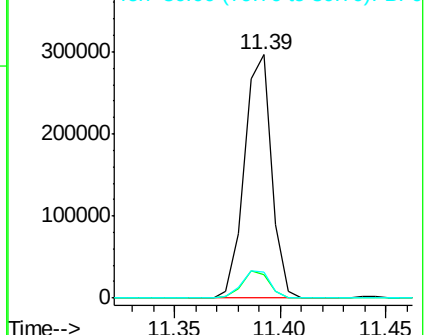
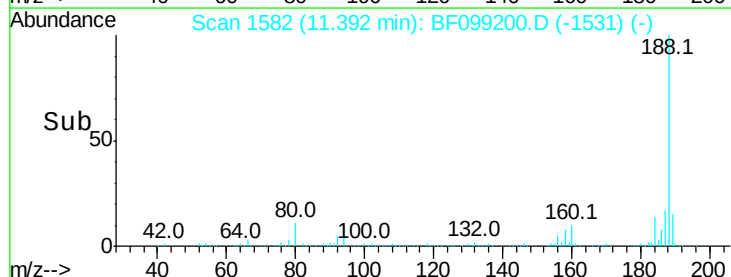
80 10.7 9.2 13.8

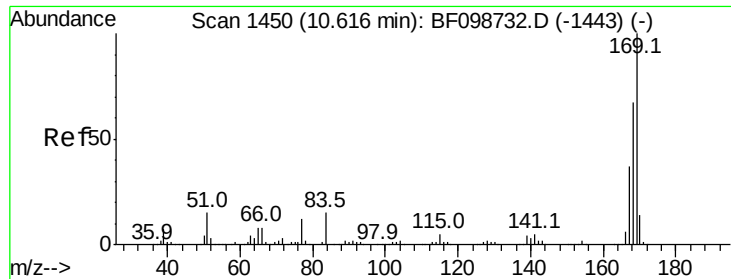


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

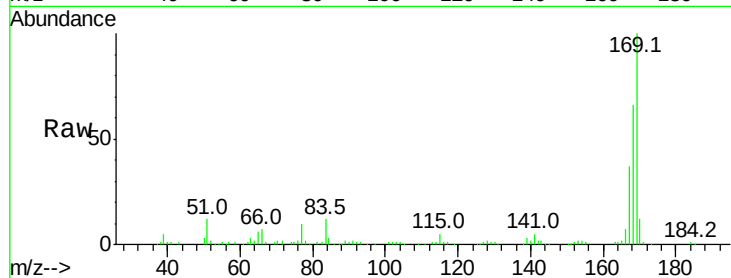




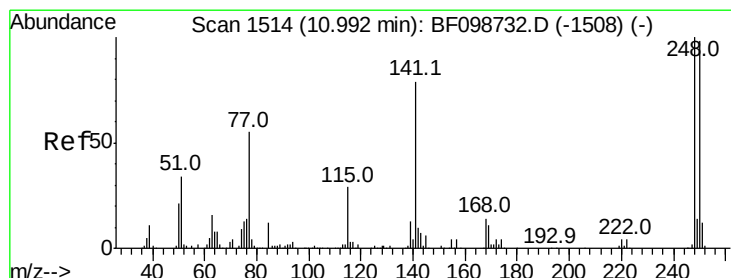
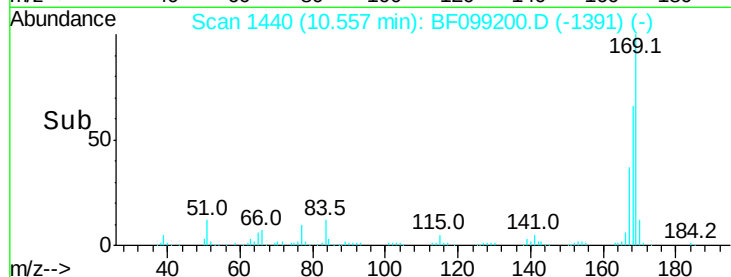
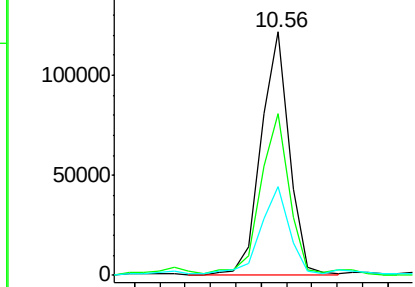
#65
 n-Nitrosodiphenylamine
 Concen: 10.281 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 94315
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.4 81.6
 167 36.5 29.8 44.6

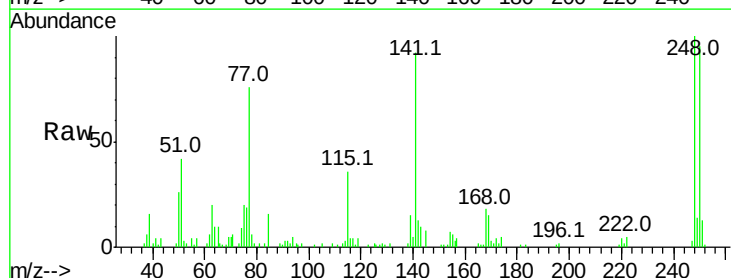


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

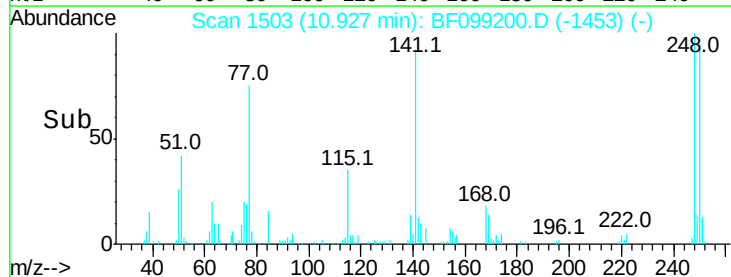
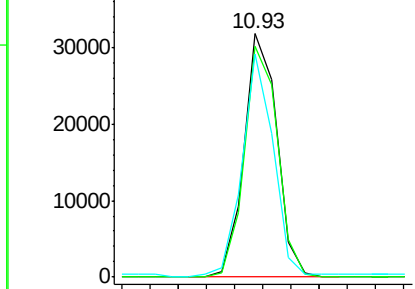


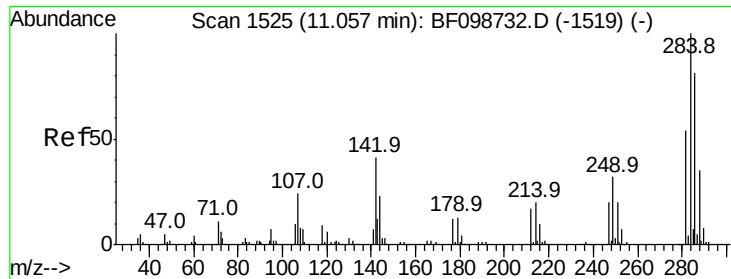
#66
 4-Bromophenyl-phenylether
 Concen: 9.900 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

Tgt Ion:248 Resp: 25661
 Ion Ratio Lower Upper
 248 100
 250 94.9 76.9 115.3
 141 91.6 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

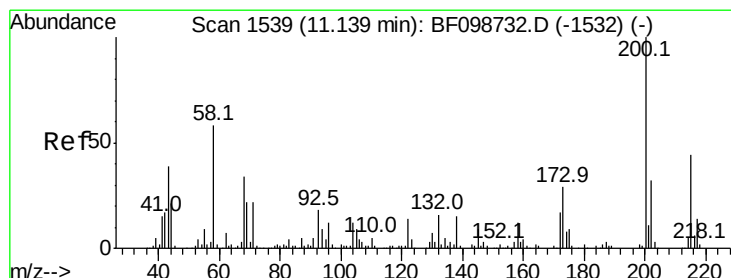
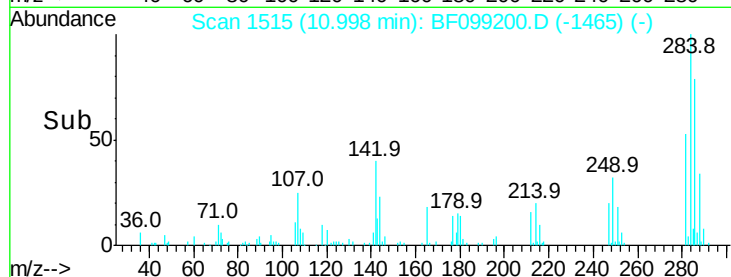
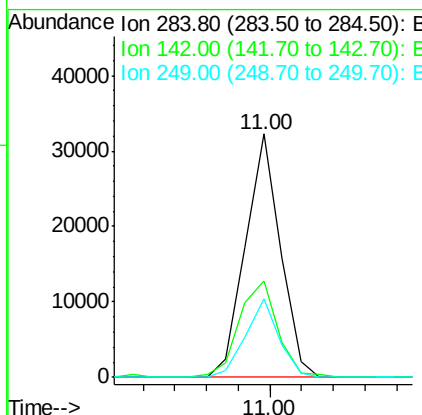
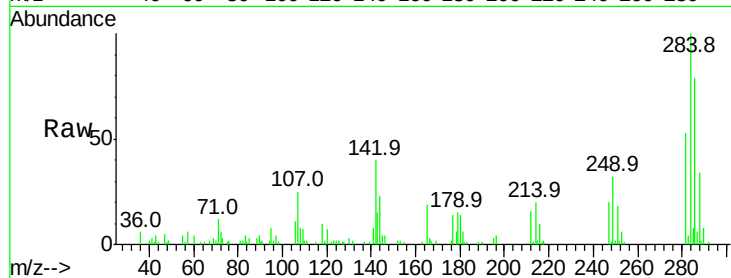




#67
Hexachlorobenzene
Concen: 8.894 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

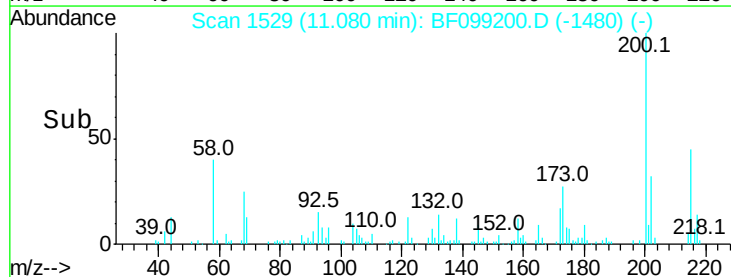
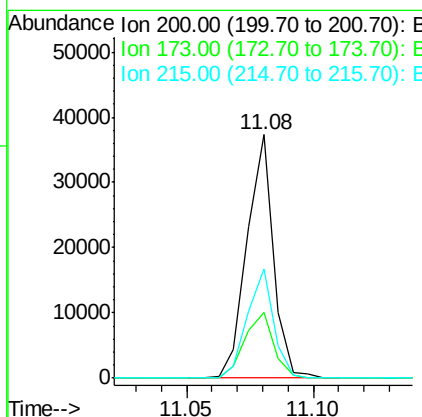
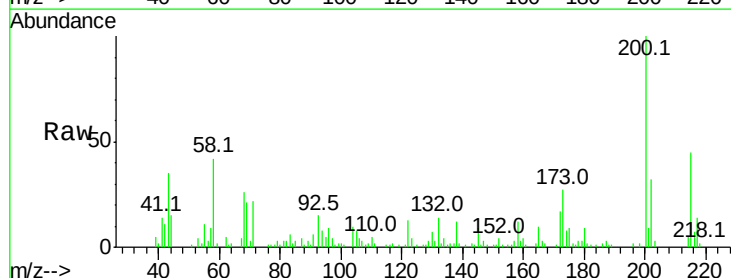
Instrument :
BNA_F
ClientSampleId :

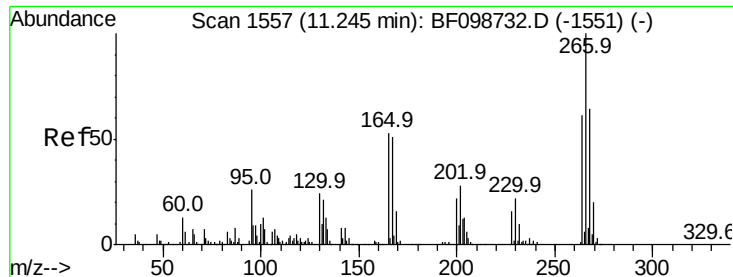
Tot Ion:284 Resp: 24623
Ion Ratio Lower Upper
284 100
142 39.6 34.6 52.0
249 32.0 24.8 37.2



#68
Atrazine
Concen: 9.832 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Tgt Ion:200 Resp: 27137
Ion Ratio Lower Upper
200 100
173 27.2 8.6 48.6
215 44.7 25.1 65.1

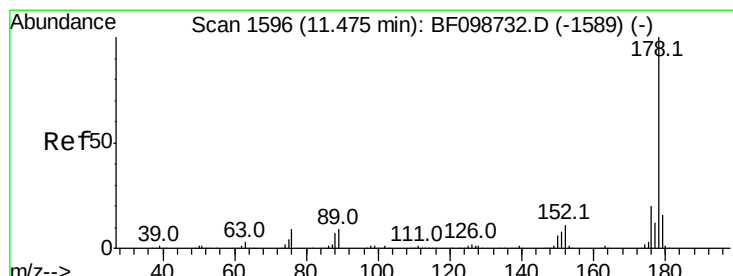
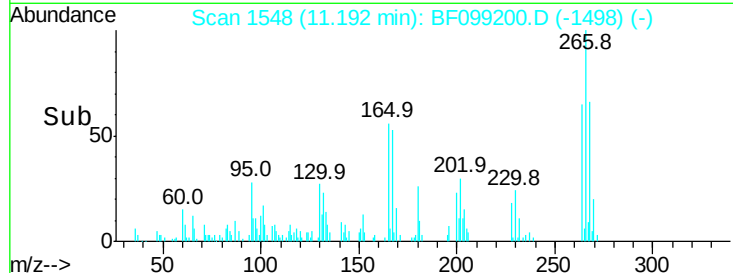
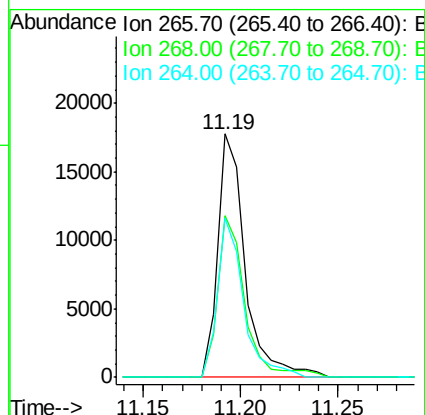
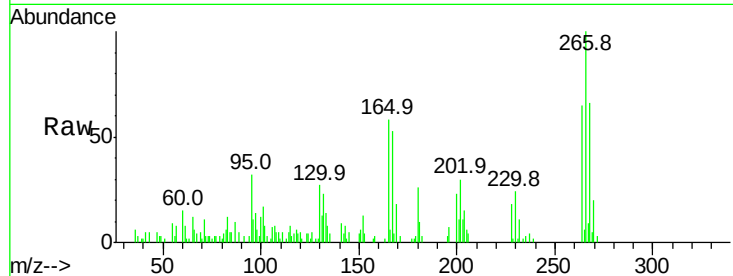




#69
 Pentachlorophenol
 Concen: 10.064 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

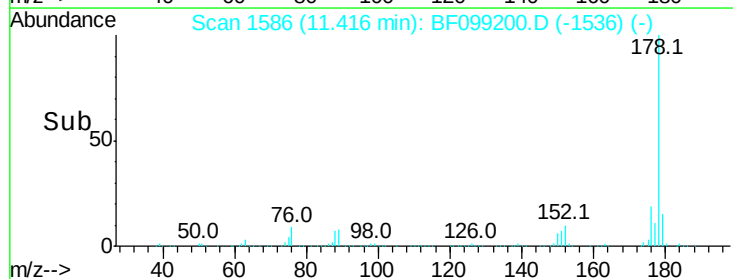
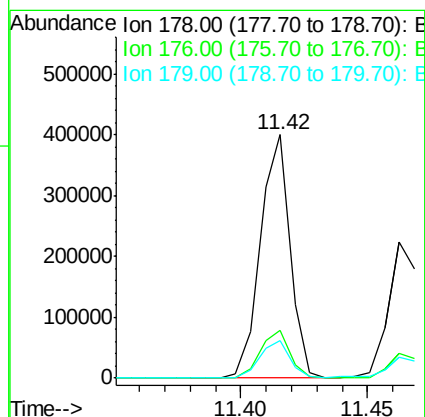
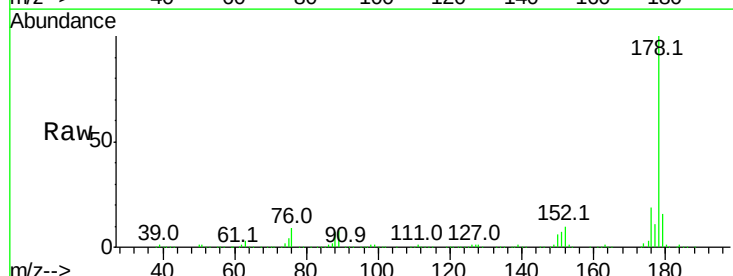
Instrument :
 BNA_F
 ClientSampleId :

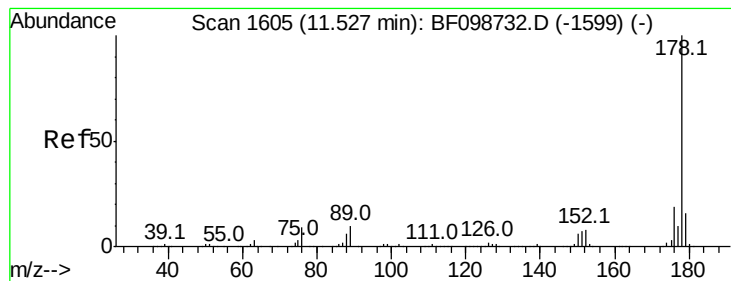
Tot Ion:266 Resp: 17340
 Ion Ratio Lower Upper
 266 100
 268 66.2 51.1 76.7
 264 65.2 49.5 74.3



#70
 Phenanthrene
 Concen: 23.186 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

Tgt Ion:178 Resp: 328652
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.5 13.0 19.6





#71

Anthracene

Concen: 13.198 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

Instrument :

BNA_F

ClientSampleId :

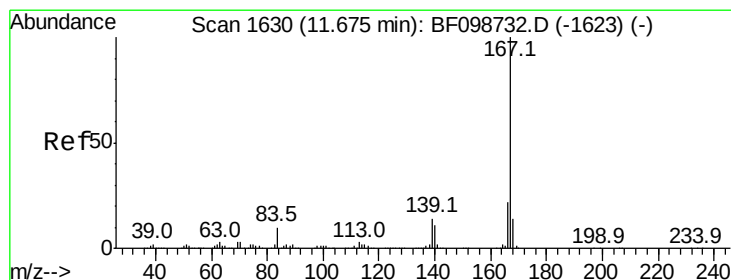
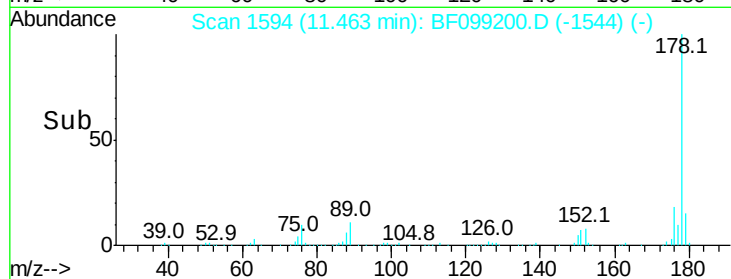
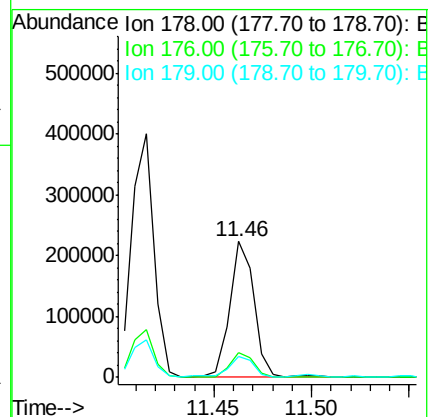
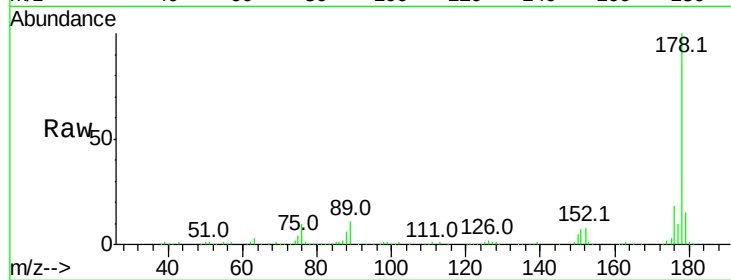
Tot Ion:178 Resp: 191408

Ion Ratio Lower Upper

178 100

176 18.0 15.4 23.2

179 15.4 12.6 19.0



#72

Carbazole

Concen: 10.541 ng

RT: 11.62 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

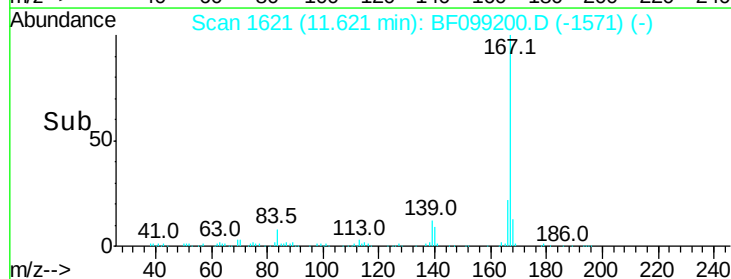
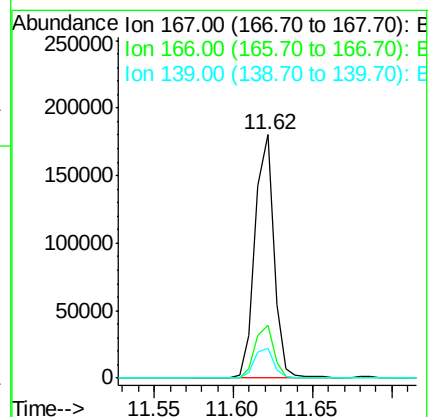
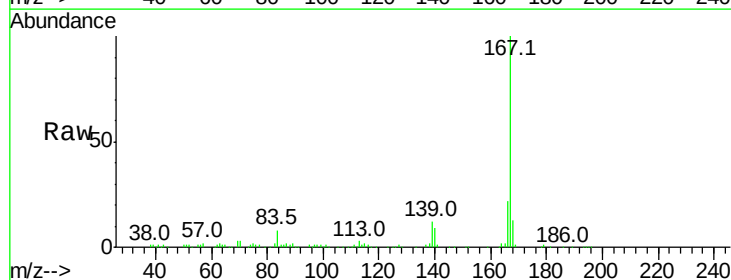
Tgt Ion:167 Resp: 149715

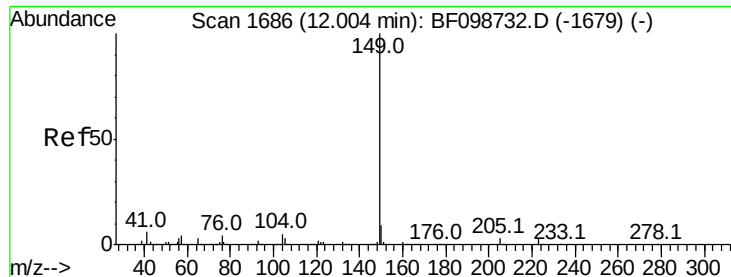
Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

139 12.1 10.9 16.3

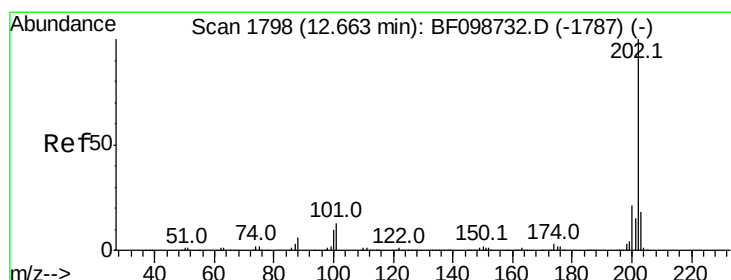
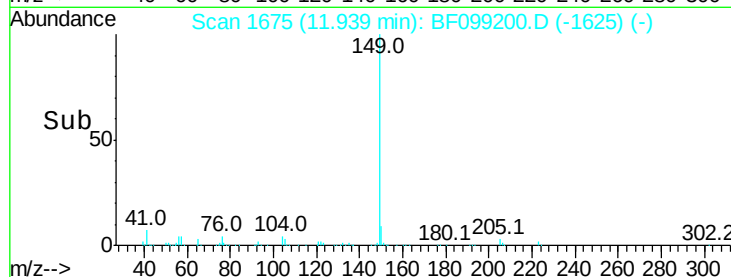
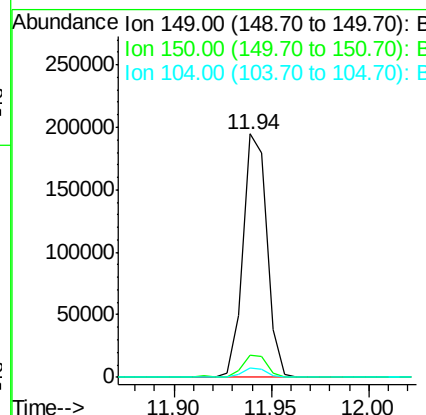
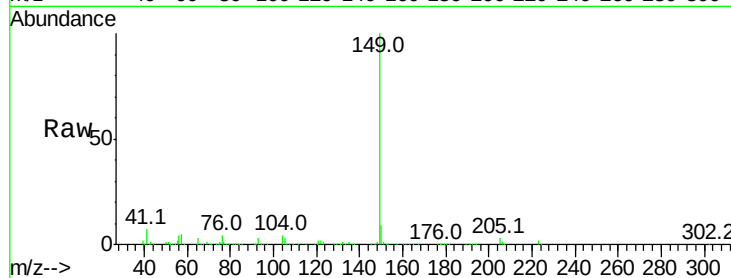




#73
Di-n-butylphthalate
Concen: 9.741 ng
RT: 11.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

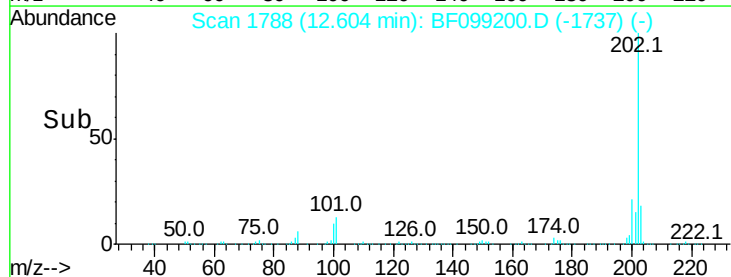
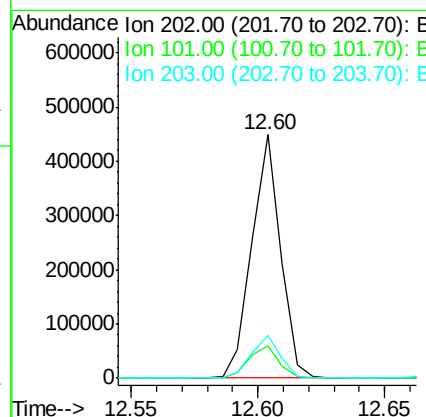
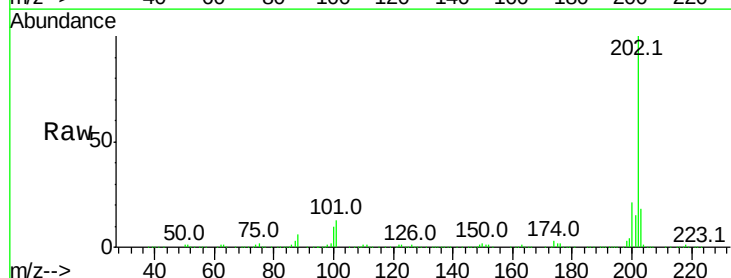
Instrument :
BNA_F
ClientSampled :

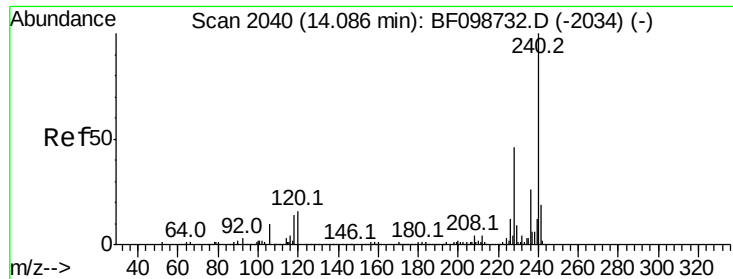
Tot Ion:149 Resp: 166532
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 4.1 3.8 5.8



#74
Fluoranthene
Concen: 24.639 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Tgt Ion:202 Resp: 353647
Ion Ratio Lower Upper
202 100
101 13.3 0.0 34.1
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

Instrument :

BNA_F

ClientSampleId :

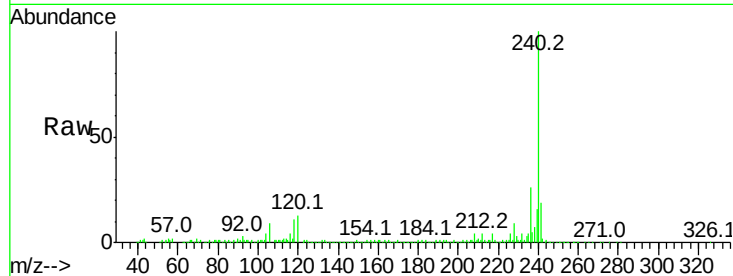
Tot Ion:240 Resp: 217870

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

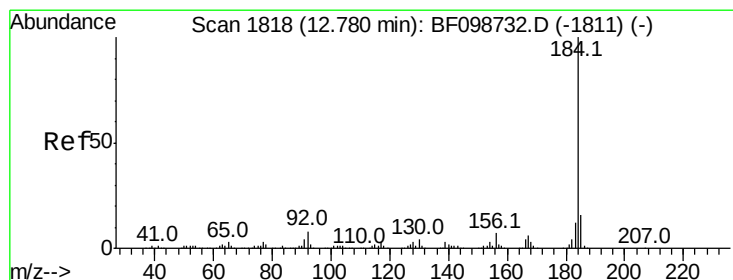
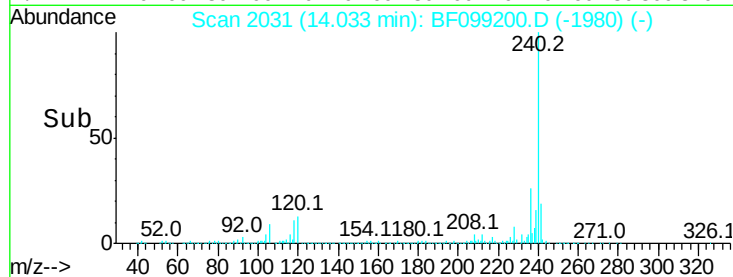
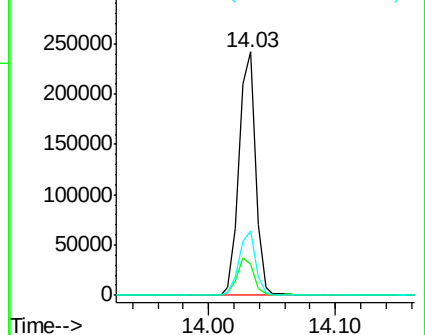
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 6.660 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

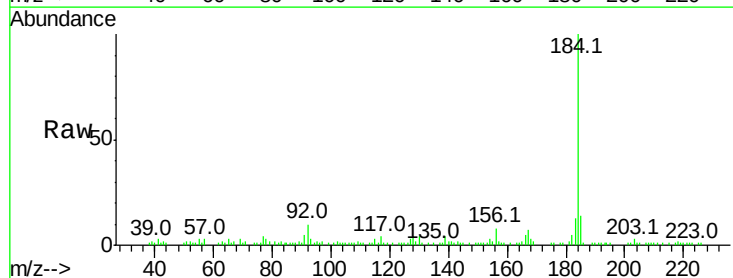
Tgt Ion:184 Resp: 53670

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

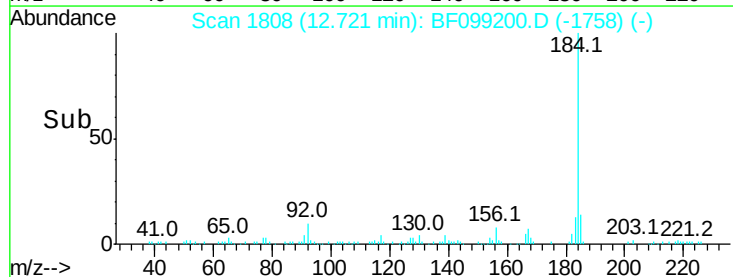
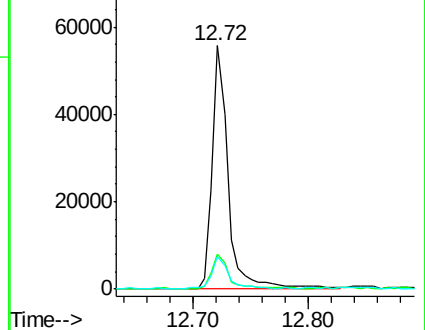
183 13.3 9.3 13.9

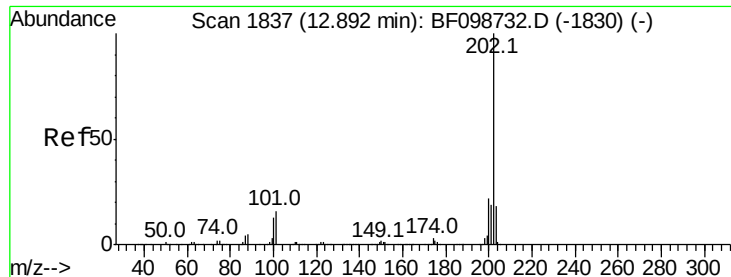


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

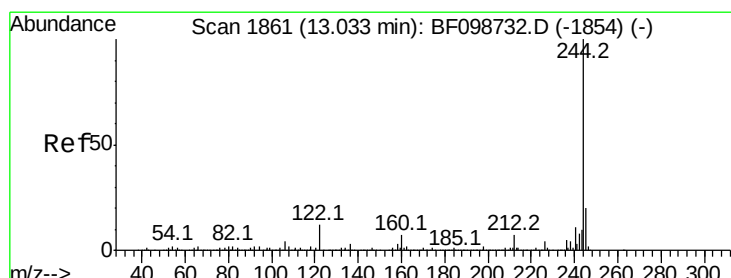
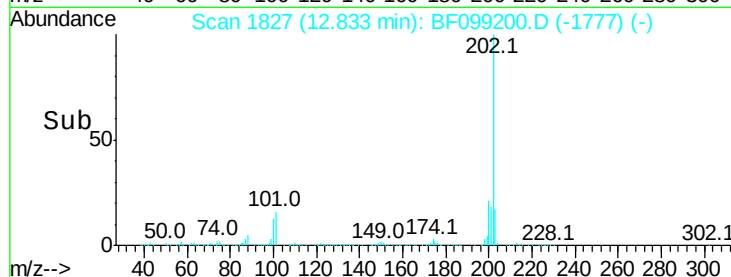
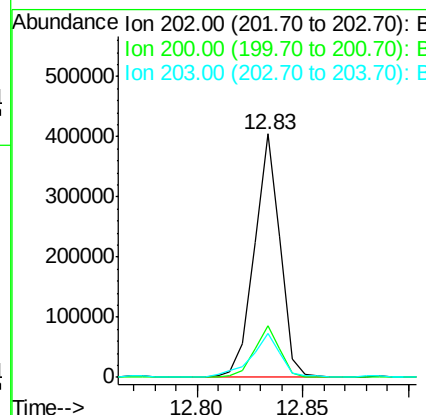
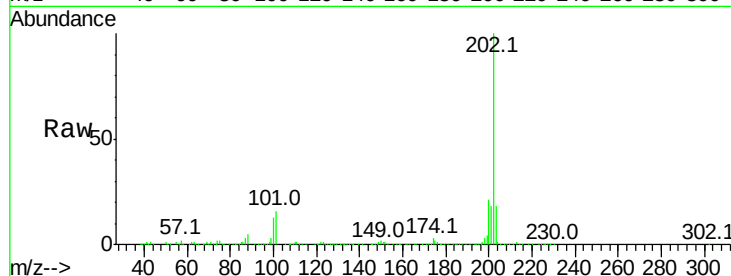




#77
Pvrene
Concen: 20.564 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

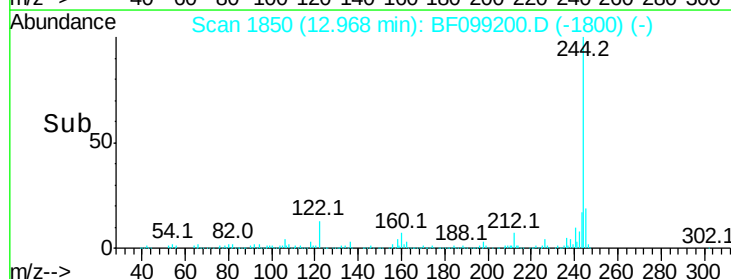
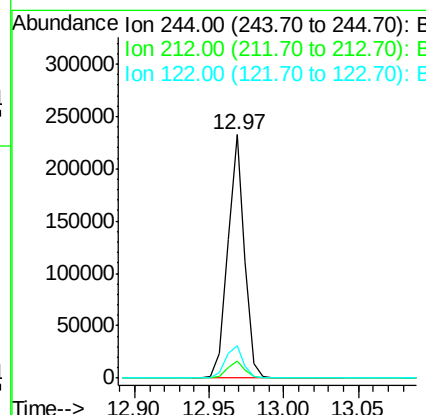
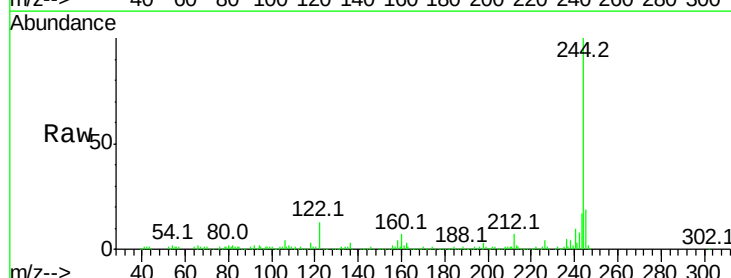
Instrument :
BNA_F
ClientSampleId :

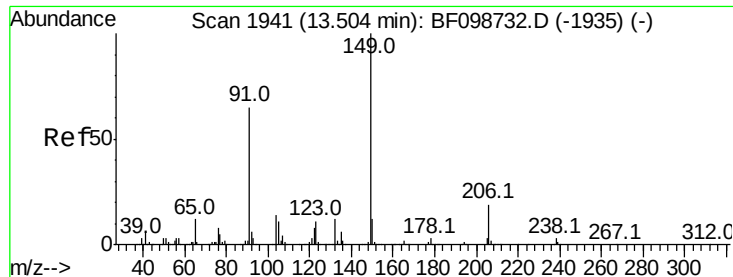
Tot Ion:202 Resp: 341643
Ion Ratio Lower Upper
202 100
200 21.0 17.4 26.2
203 17.9 14.3 21.5



#78
Terphenyl-d14
Concen: 19.138 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Tgt Ion:244 Resp: 183342
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.0
122 13.4 11.0 16.4

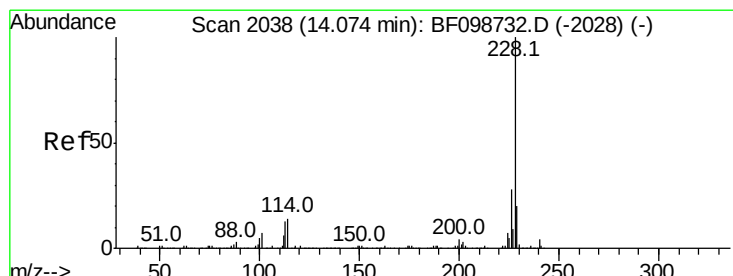
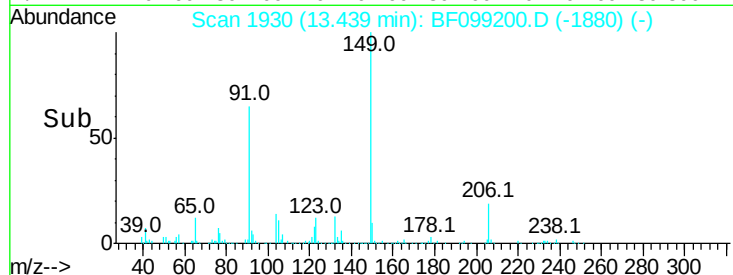
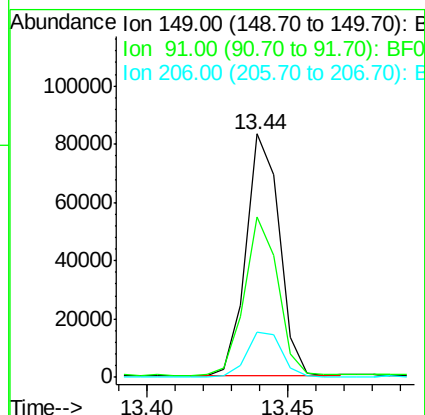
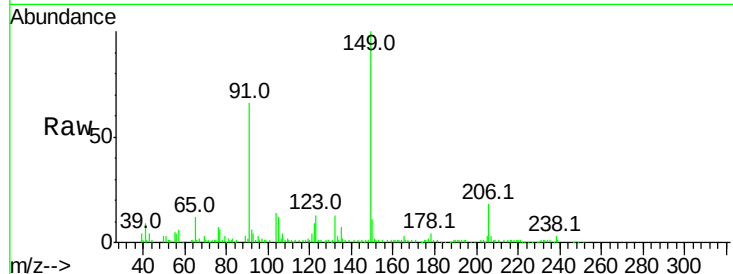




#79
 Butylbenzylphthalate
 Concen: 8.670 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

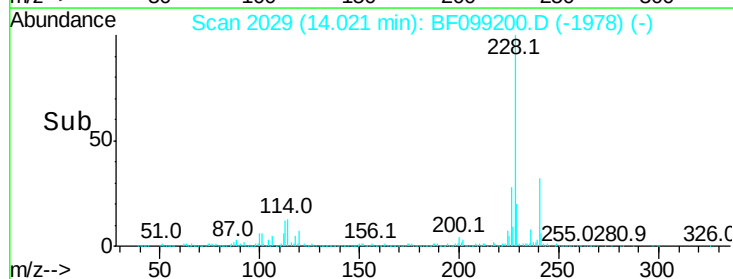
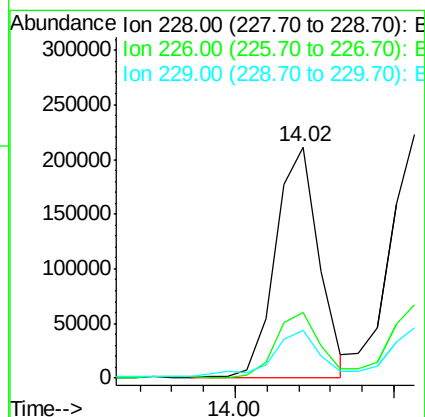
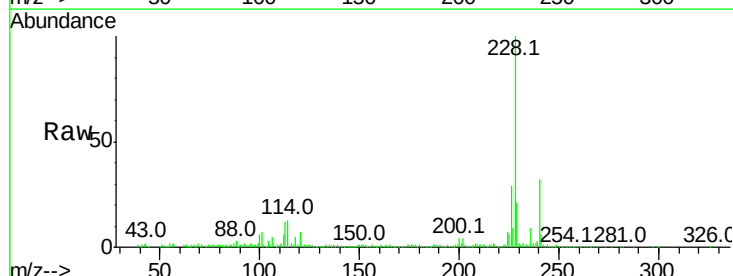
Instrument :
 BNA_F
 ClientSampleId :

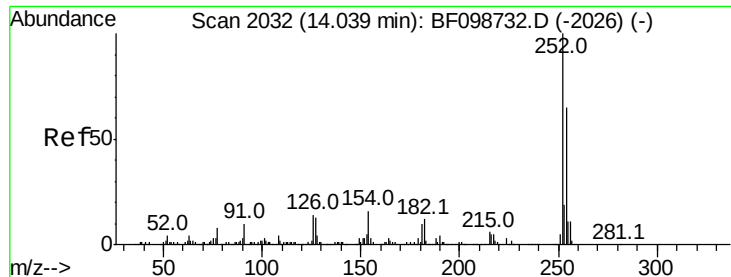
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.0	56.8	85.2
206	18.4	14.1	21.1



#80
 Benzo(a)anthracene
 Concen: 15.144 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.5	15.8	23.6

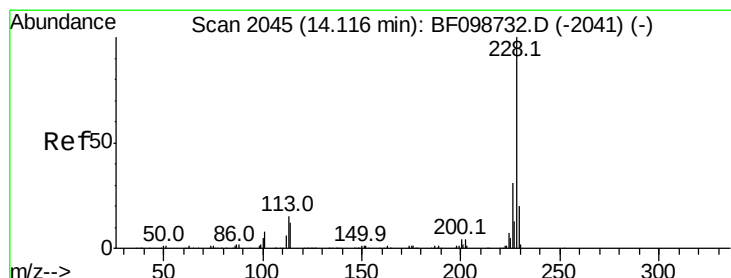
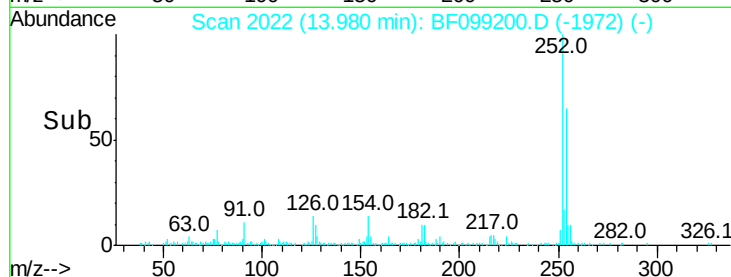
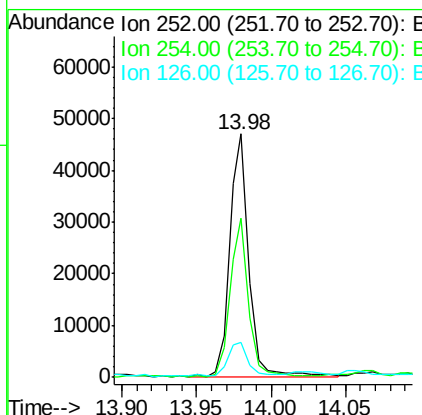
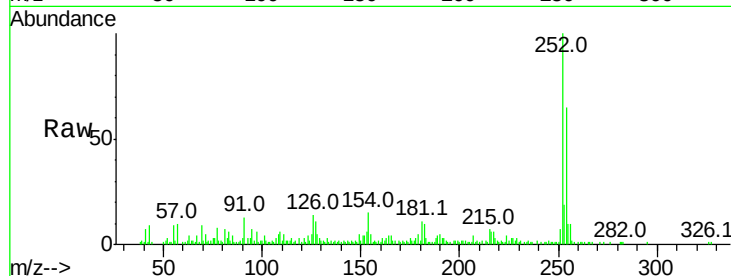




#81
 3,3'-Dichlorobenzidine
 Concen: 8.933 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

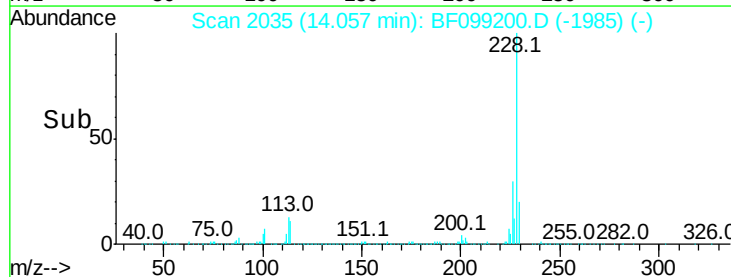
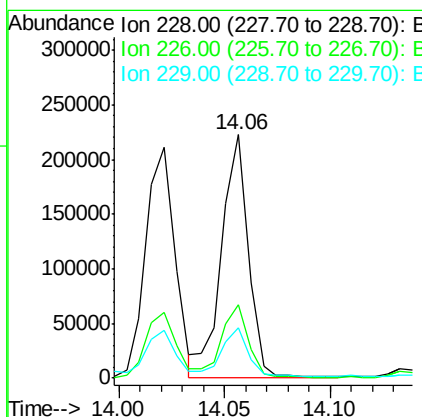
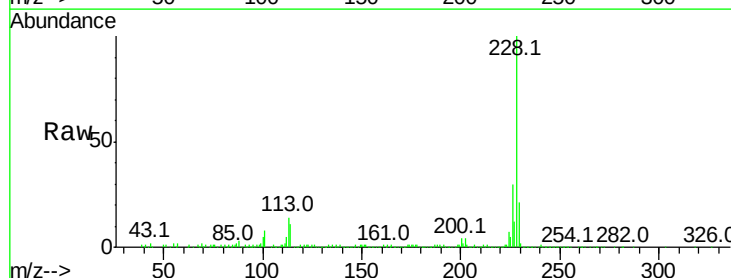
Instrument :
 BNA_F
 ClientSampleId :

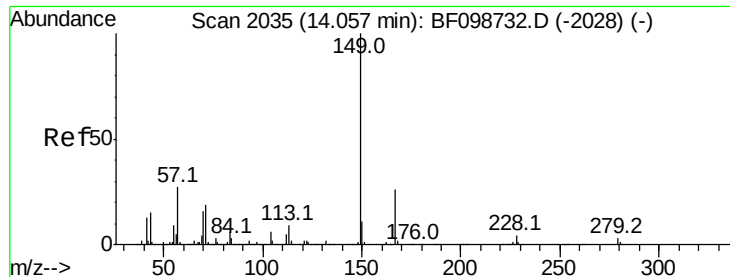
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	14.1	11.3	16.9



#82
 Chrysene
 Concen: 15.490 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	20.7	16.2	24.4

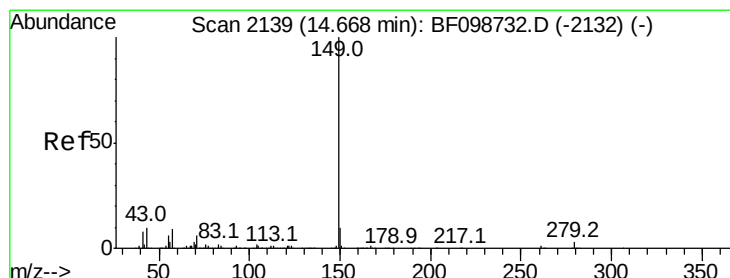
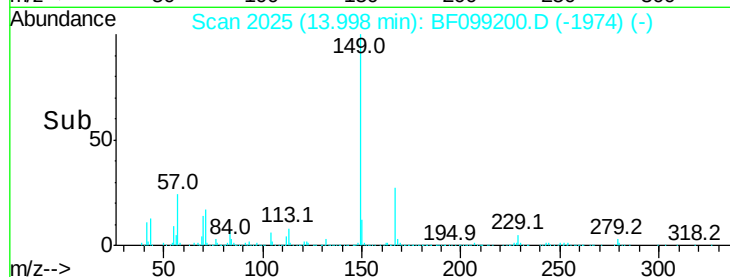
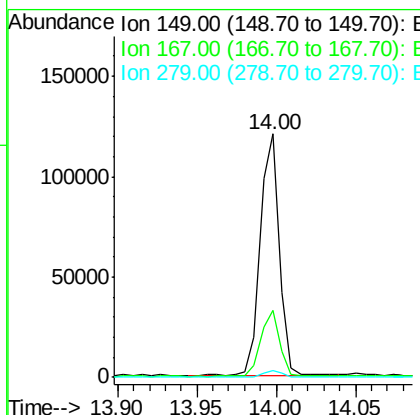
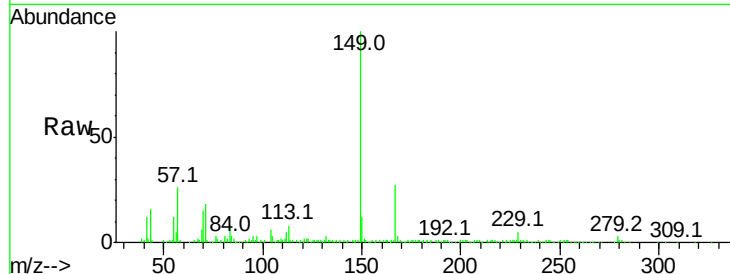




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 9.437 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

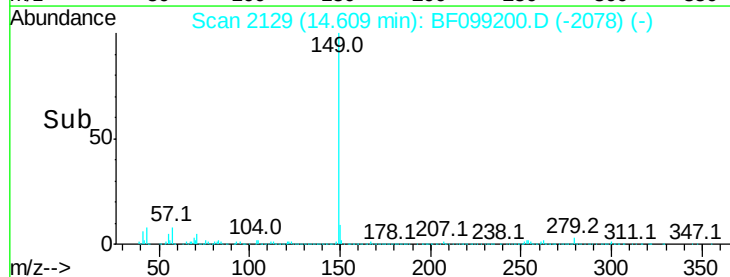
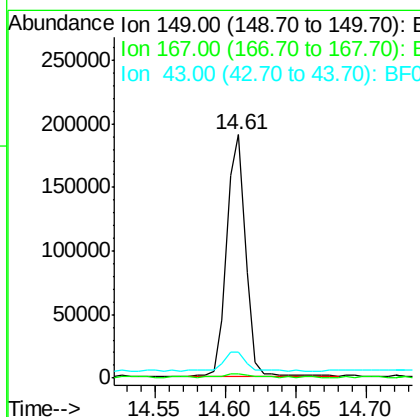
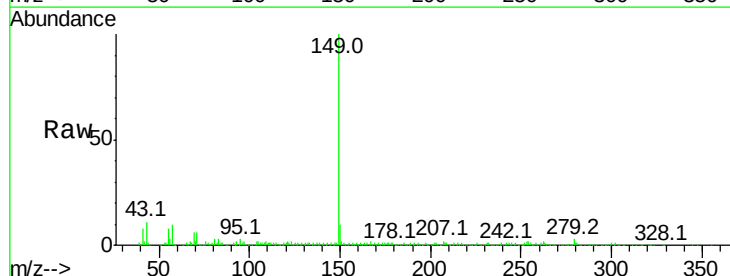
Instrument :
 BNA_F
 ClientSampleId :

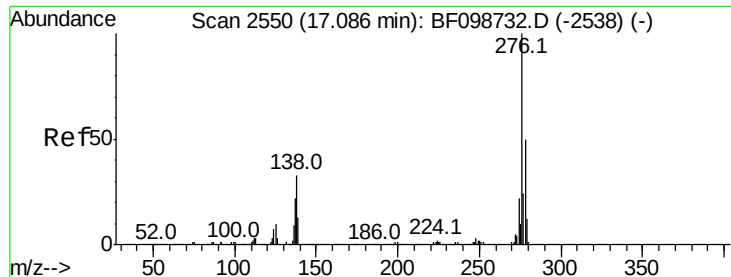
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.3	31.9
279	3.0	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 10.066 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BF099200.D
 Acq: 7 Oct 2017 18:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8
43	9.7	8.4	12.6

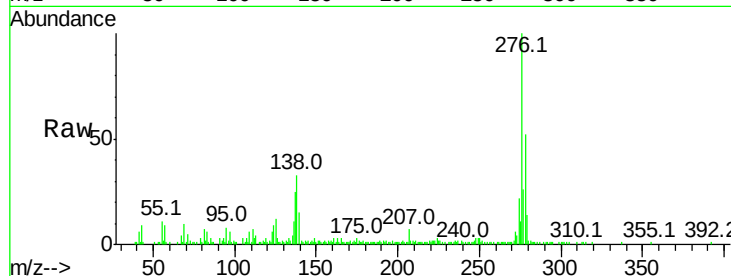




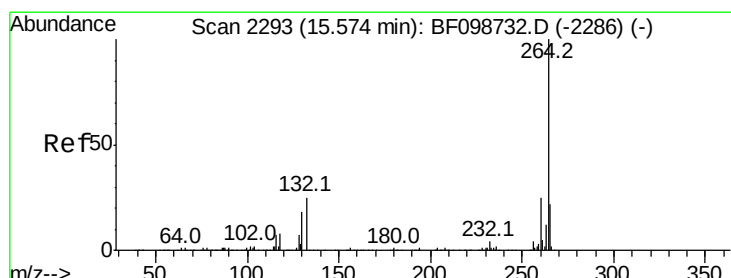
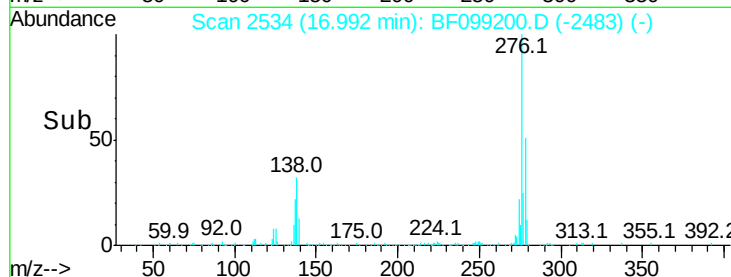
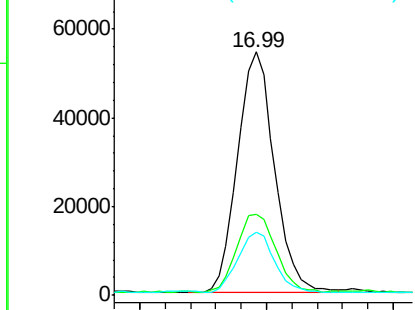
#85
Indeno(1,2,3-cd)pyrene
Concen: 10.896 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.00 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Instrument :
BNA_F
ClientSampleId :

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

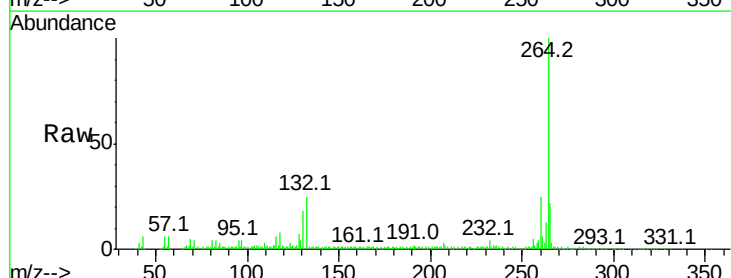


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

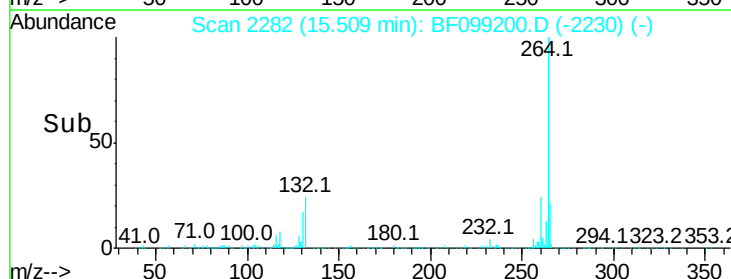
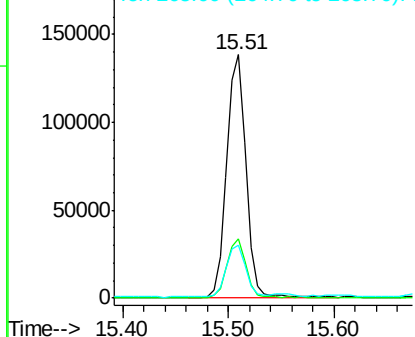


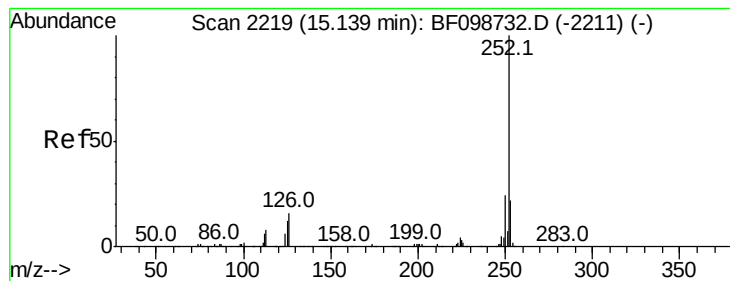
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.8	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: 15.830 ng

RT: 15.07 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

Instrument :

BNA_F

ClientSampleId :

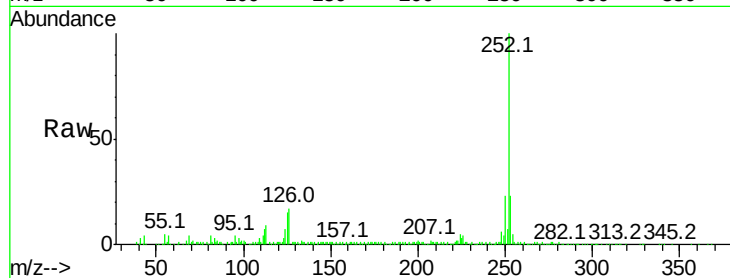
Tot Ion:252 Resp: 168867

Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

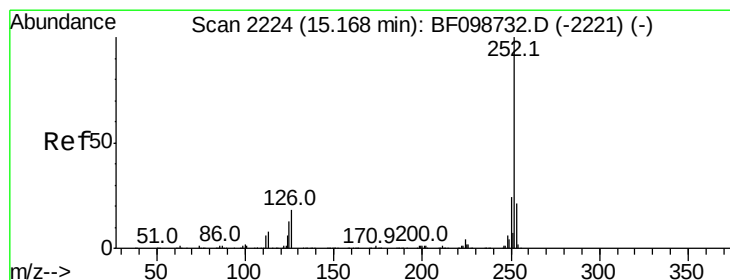
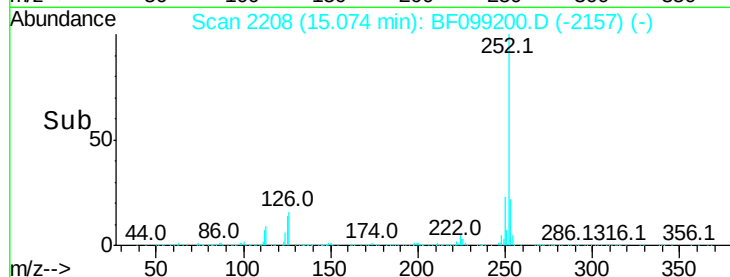
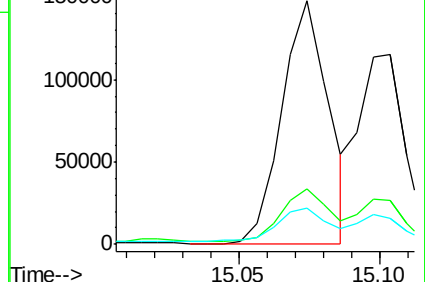
125 14.8 9.0 13.6#



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: 12.435 ng

RT: 15.10 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

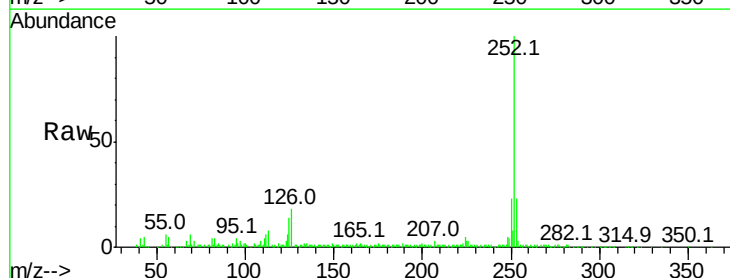
Tgt Ion:252 Resp: 131022

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

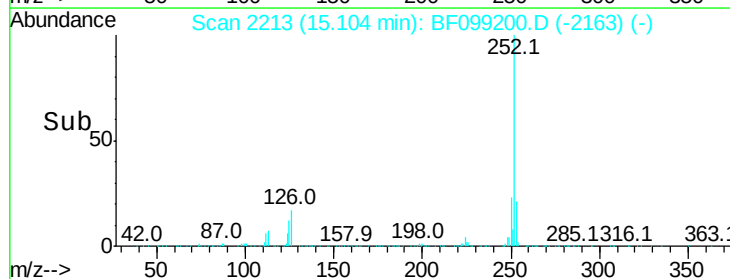
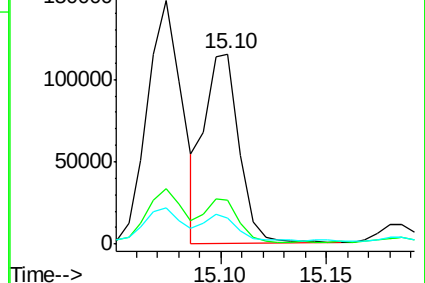
125 13.7 10.2 15.2

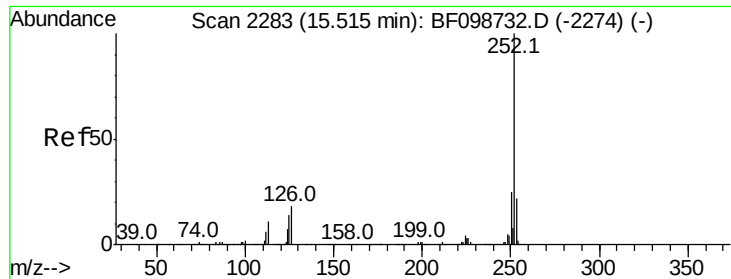


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

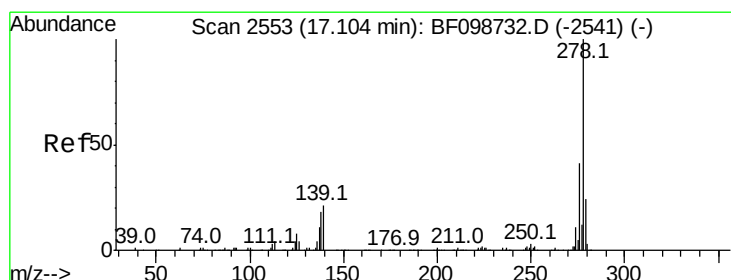
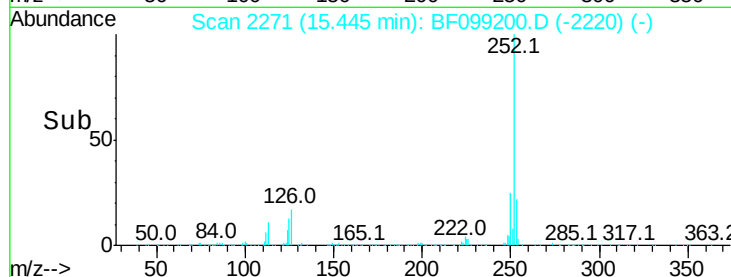
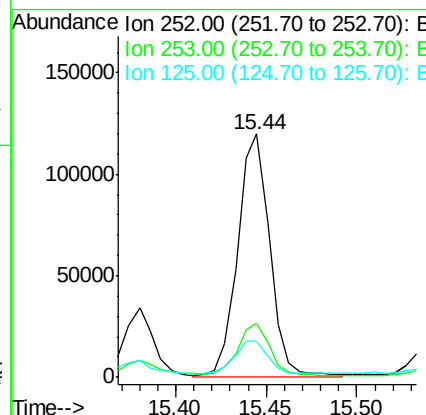
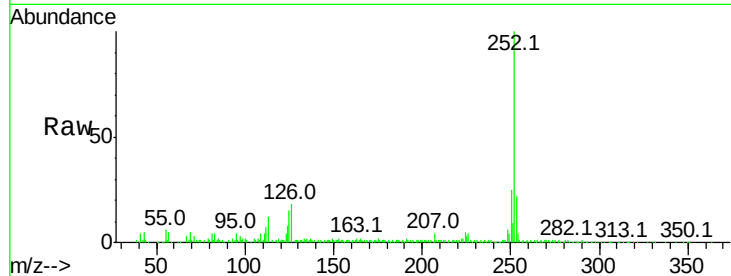




#89
Benzo(a)pyrene
Concen: 14.958 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

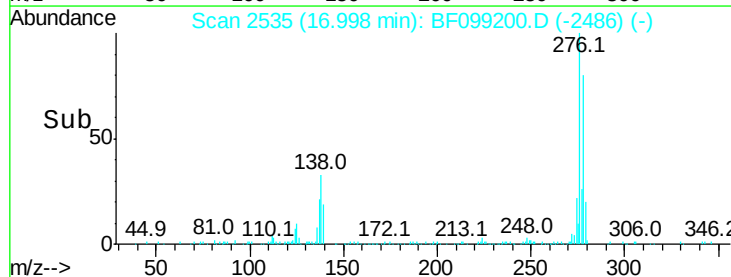
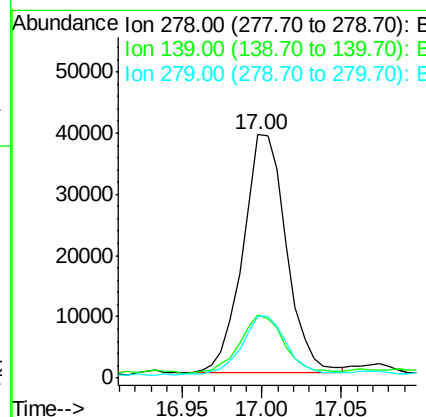
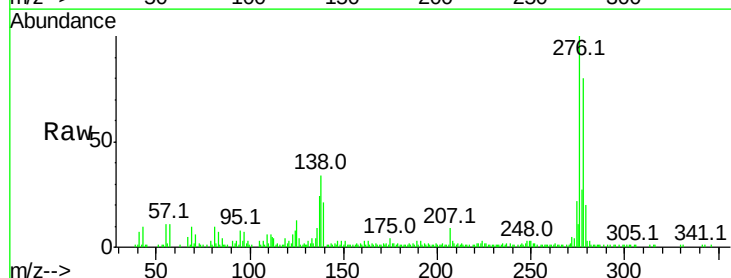
Instrument :
BNA_F
ClientSampleId :

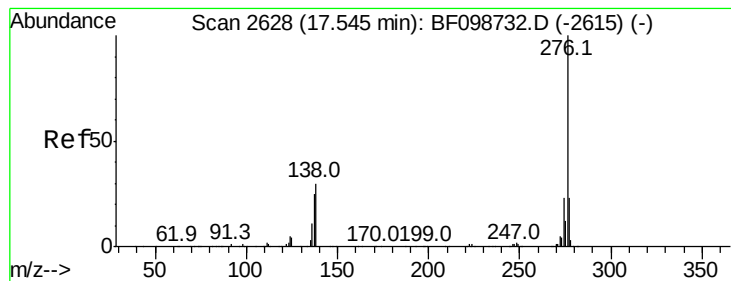
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	14.9	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 9.479 ng
RT: 17.00 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BF099200.D
Acq: 7 Oct 2017 18:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.0	15.9	23.9
279	25.4	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 12.276 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.00 min

Lab File: BF099200.D

Acq: 7 Oct 2017 18:00

Instrument :

BNA_F

ClientSampleId :

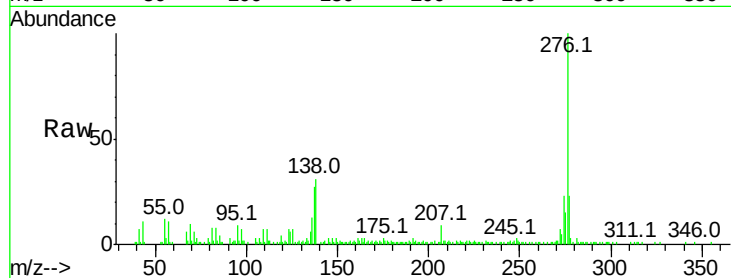
Tot Ion:276 Resp: 95092

Ion Ratio Lower Upper

276 100

277 23.4 17.9 26.9

138 31.2 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

