

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099538.D
 Acq On : 16 Oct 2017 12:22
 Operator : SJ/JU
 Sample : I5776-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 23:23:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

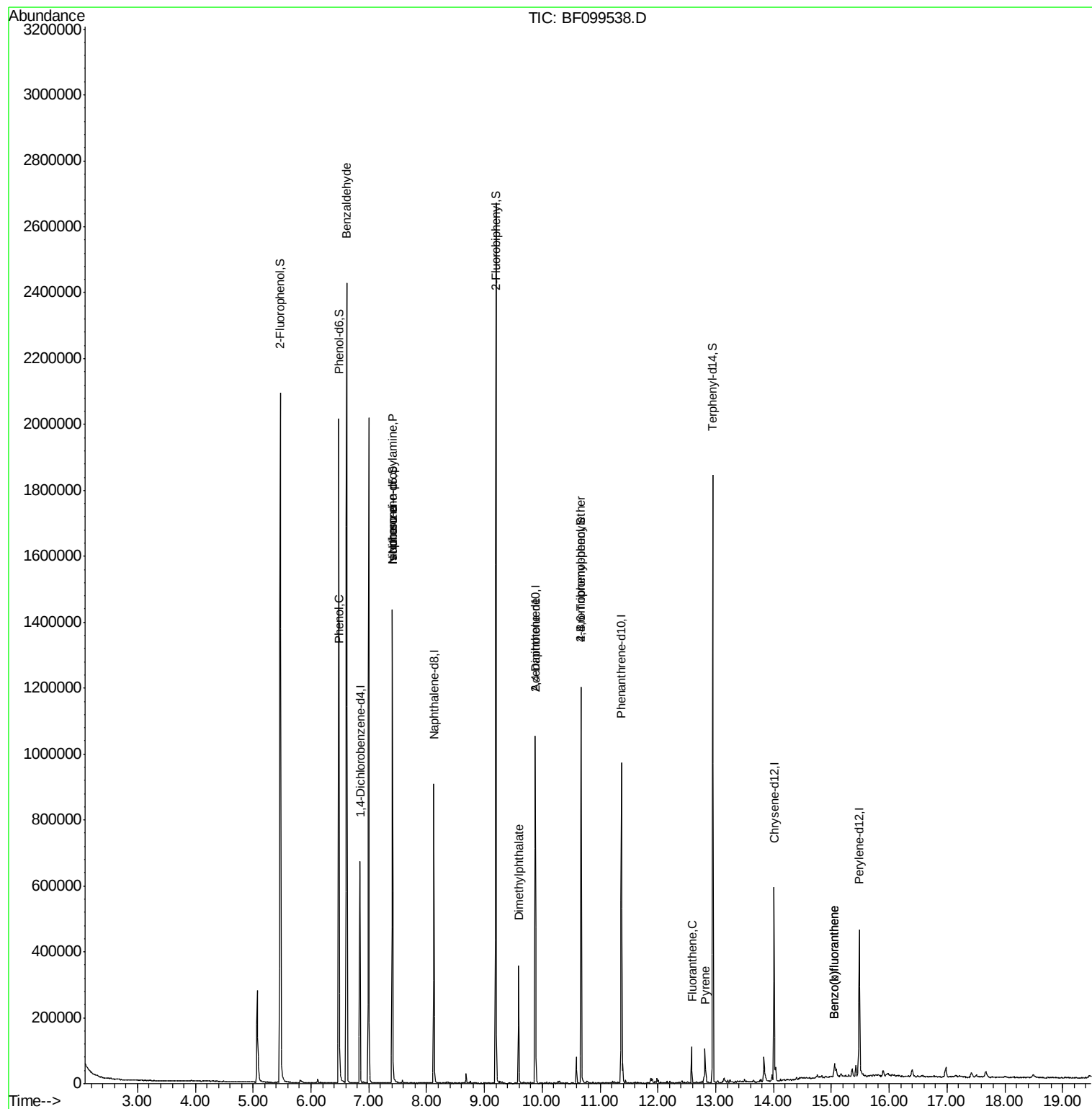
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	107122	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	438559	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	193507	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	314821	20.00	ng	0.00
75) Chrysene-d12	14.01	240	183410	20.00	ng	0.00
86) Perylene-d12	15.49	264	193768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	646628	96.09	ng	0.00
7) Phenol-d6	6.48	99	786061	94.69	ng	0.00
23) Nitrobenzene-d5	7.41	82	472326	69.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	139240	87.94	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	835724	72.10	ng	-0.01
78) Terphenyl-d14	12.95	244	560119	69.45	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	12824	2.66	ng	87
10) Phenol	6.49	94	43115	4.64	ng	96
19) n-Nitroso-di-n-propylamine	7.41	70	60270	11.37	ng	# 74
25) Isophorone	7.41	82	472320	33.41	ng	# 64
49) Dimethylphthalate	9.59	163	136068	9.32	ng	99
56) 2,4-Dinitrotoluene	9.88	165	24281	5.88	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	9201	2.99	ng	# 1
74) Fluoranthene	12.59	202	45090	2.64	ng	97
77) Pyrene	12.82	202	41250	2.95	ng	97
87) Benzo(b)fluoranthene	15.06	252	28315	2.38	ng	# 93
88) Benzo(k)fluoranthene	15.06	252	28315	2.41	ng	96

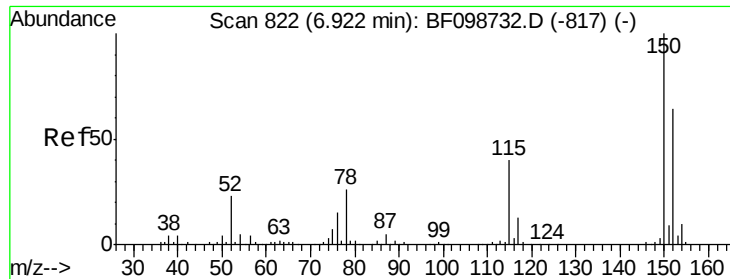
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099538.D
Acq On : 16 Oct 2017 12:22
Operator : SJ/JU
Sample : I5776-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 16 23:23:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration



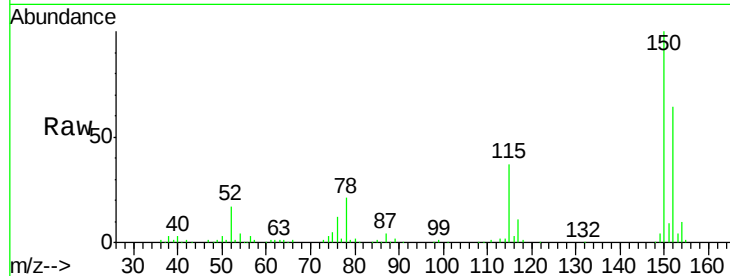


#1

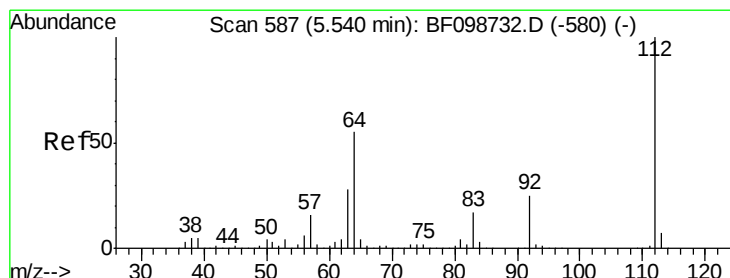
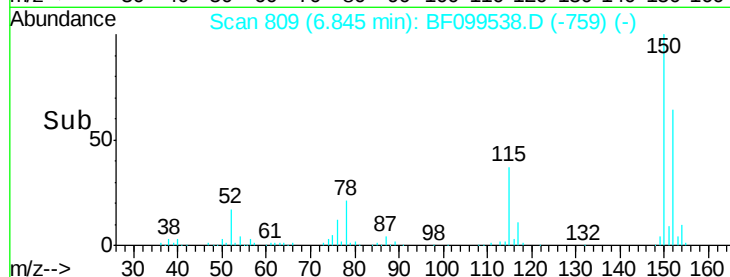
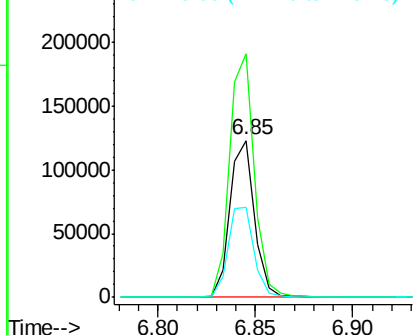
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 107122
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 57.7 50.1 75.1



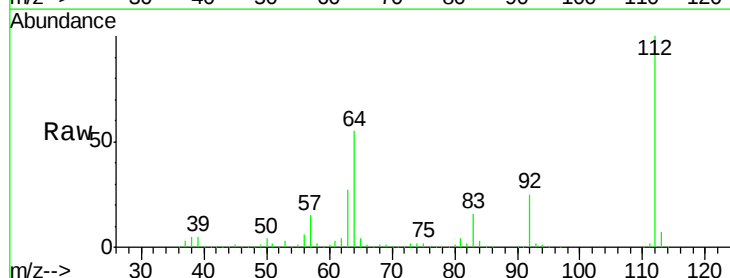
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



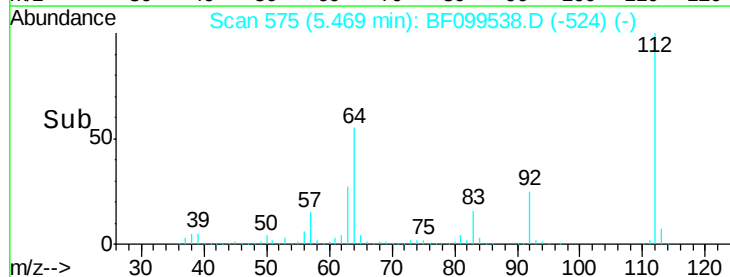
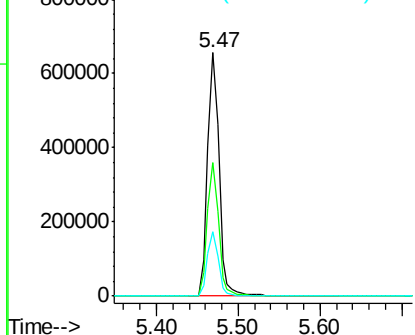
#5

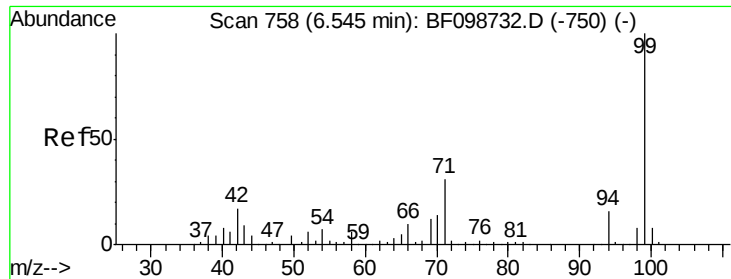
2-Fluorophenol
Concen: 96.09 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.00 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Tgt Ion:112 Resp: 646628
Ion Ratio Lower Upper
112 100
64 54.8 47.9 71.9
63 26.6 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





#7

Phenol-d6

Concen: 94.69 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099538.D

Acq: 16 Oct 2017 12:22

Instrument :

BNA_F

ClientSampled :

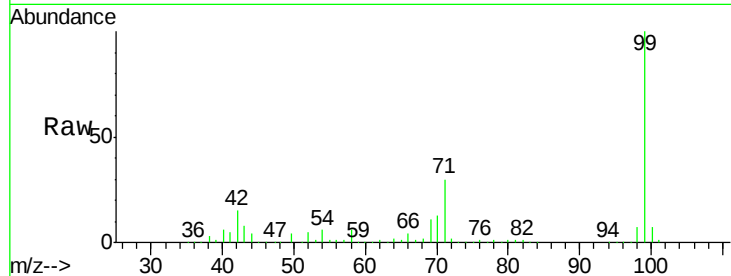
Tot Ion: 99 Resp: 786061

Ion Ratio Lower Upper

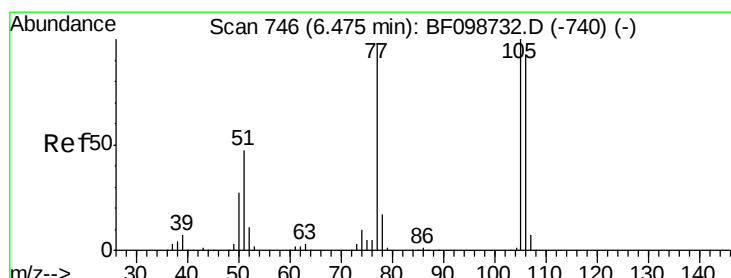
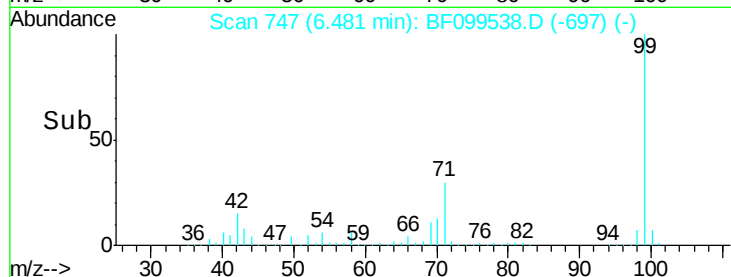
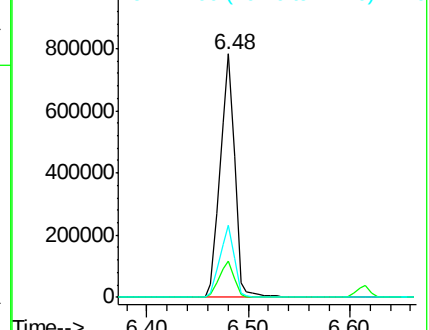
99 100

42 15.0 14.5 21.7

71 29.8 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



#9

Benzaldehyde

Concen: 2.66 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF099538.D

Acq: 16 Oct 2017 12:22

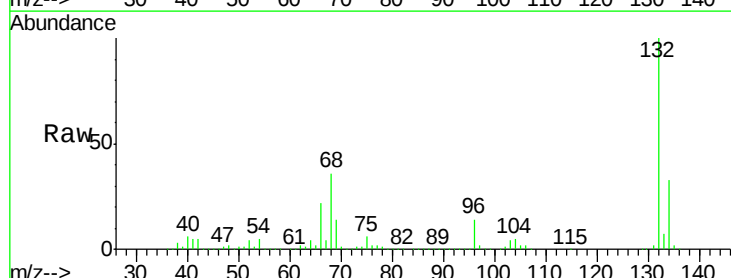
Tgt Ion: 77 Resp: 12824

Ion Ratio Lower Upper

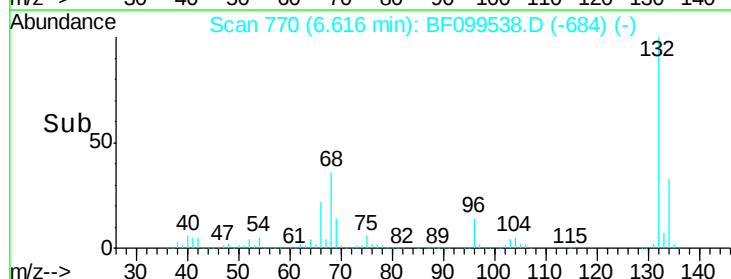
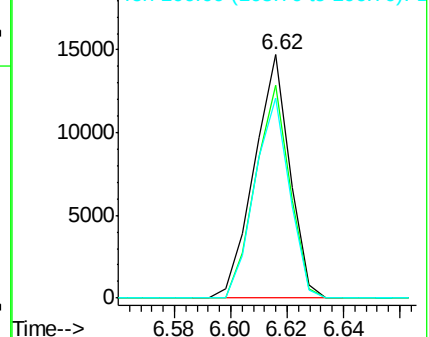
77 100

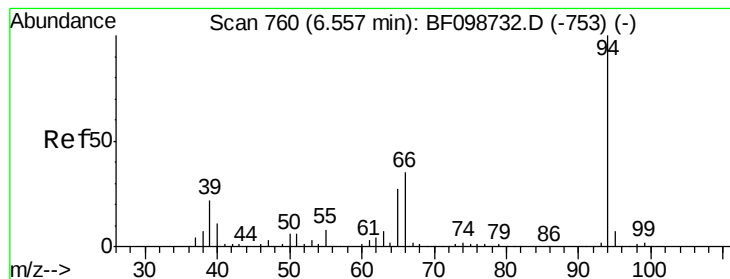
105 87.4 81.1 121.1

106 82.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#10

Phenol

Concen: 4.64 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099538.D

Acq: 16 Oct 2017 12:22

Instrument :

BNA_F

ClientSampleId :

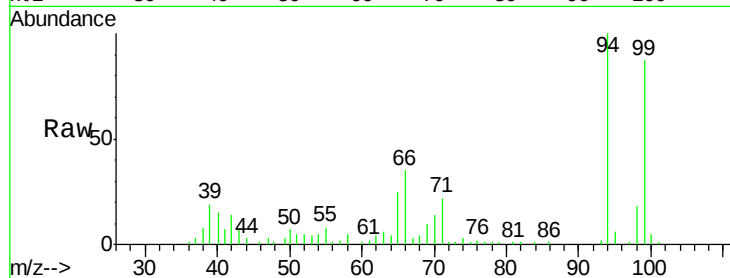
Tot Ion: 94 Resp: 43115

Ion Ratio Lower Upper

94 100

65 24.9 7.9 47.9

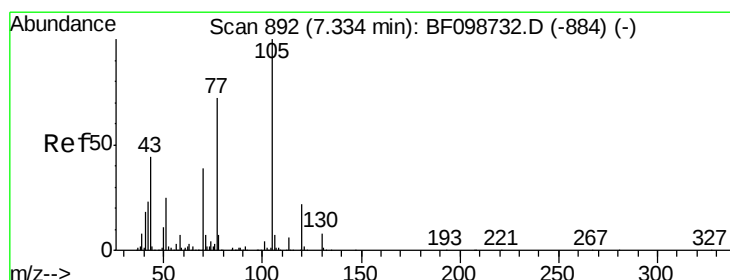
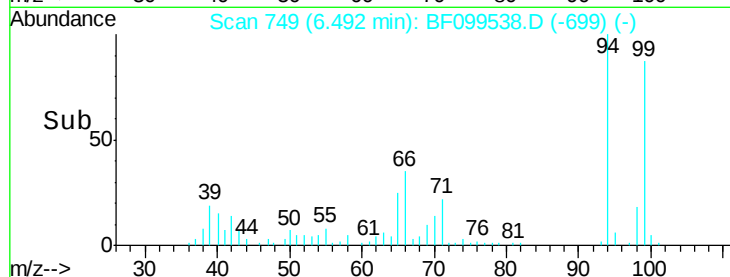
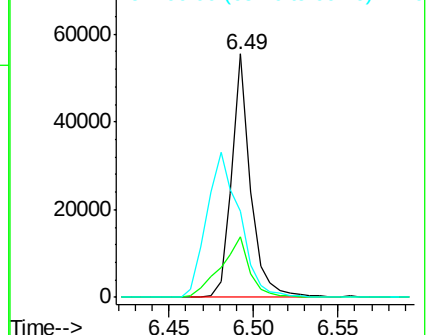
66 35.1 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 11.37 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF099538.D

Acq: 16 Oct 2017 12:22

Tgt Ion: 70 Resp: 60270

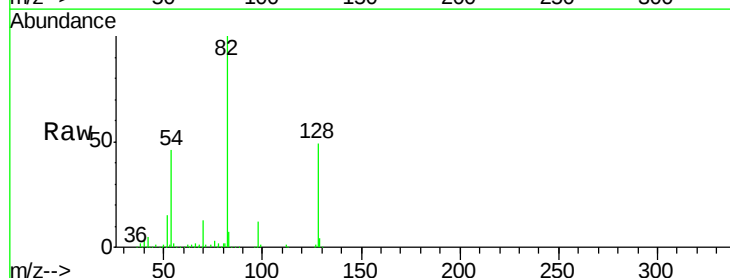
Ion Ratio Lower Upper

70 100

42 42.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

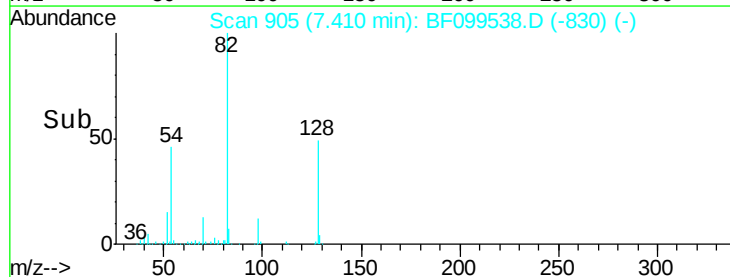
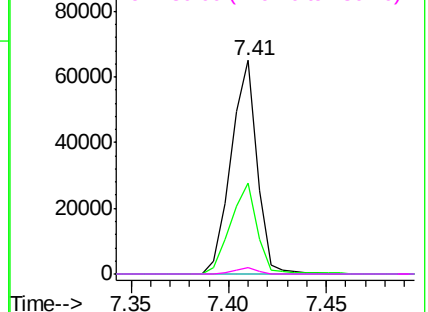


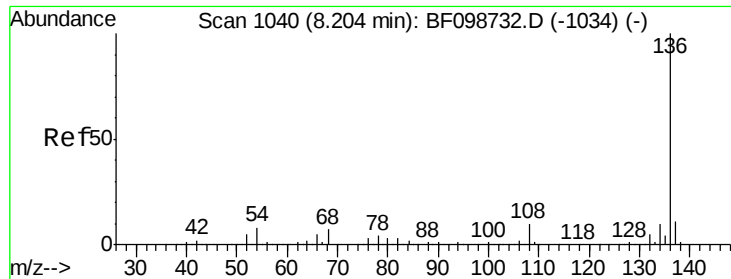
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

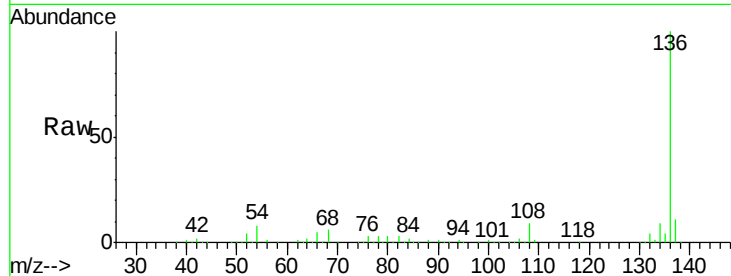




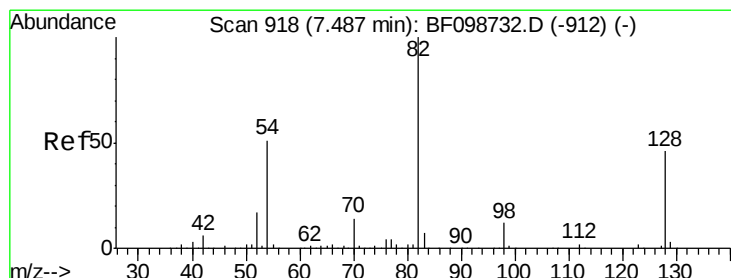
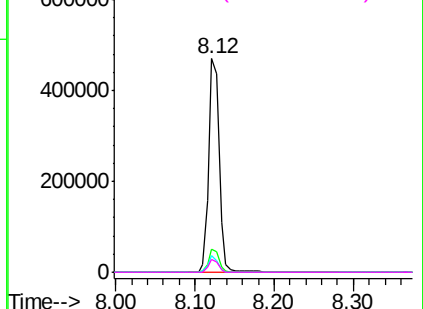
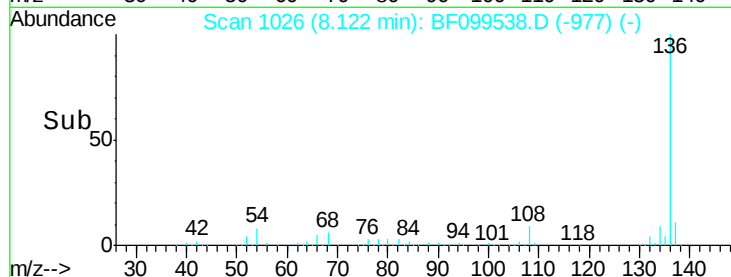
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	438559
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.7	6.6 9.8
68	6.3	5.0 7.4

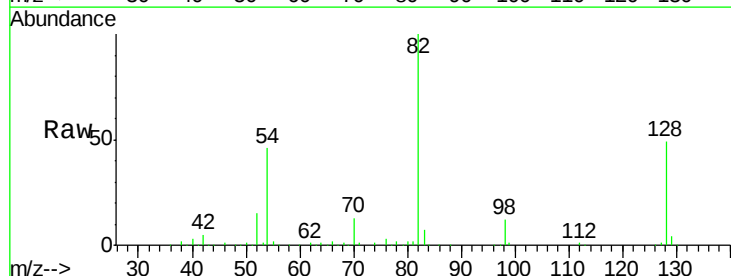


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

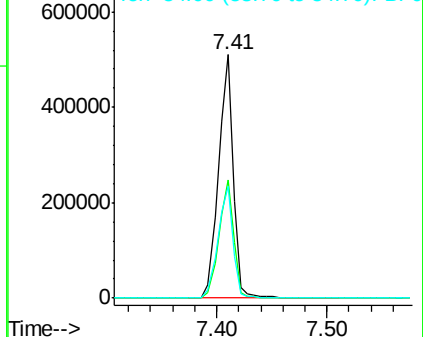
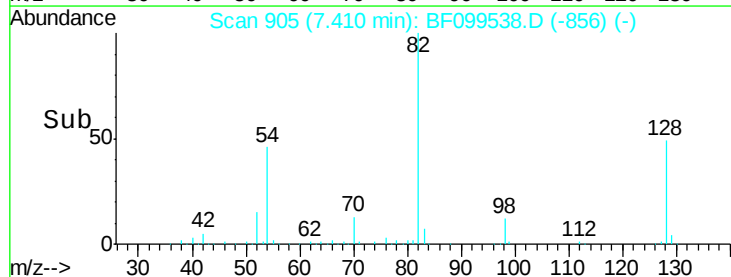


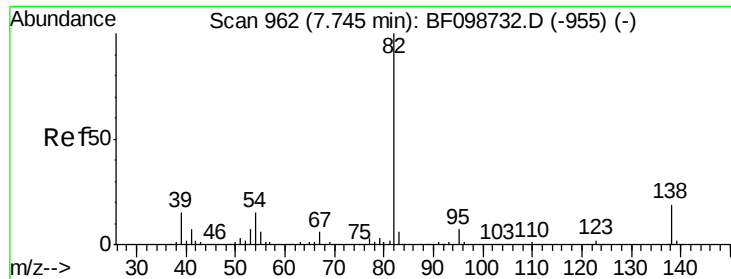
#23
Nitrobenzene-d5
Concen: 69.07 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Tgt Ion: 82	Resp:	472326
Ion Ratio	Lower	Upper
82	100	
128	48.8	36.1 54.1
54	46.1	41.4 62.2



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





#25

Isophorone

Concen: 33.41 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF099538.D

Acq: 16 Oct 2017 12:22

Instrument :

BNA_F

ClientSampleId :

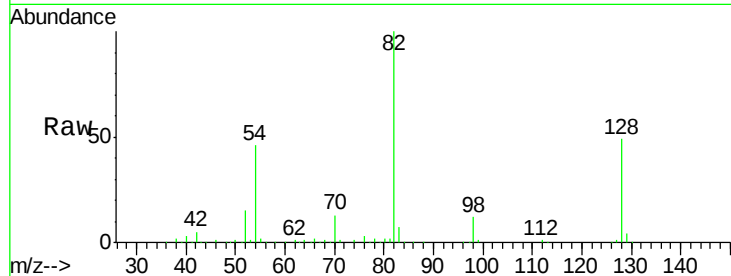
Tot Ion: 82 Resp: 472320

Ion Ratio Lower Upper

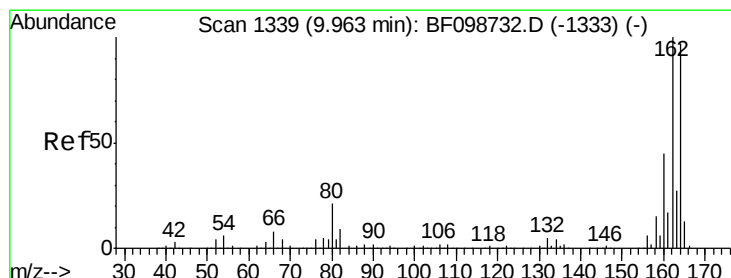
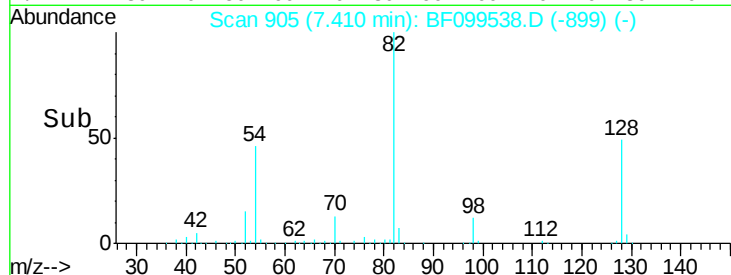
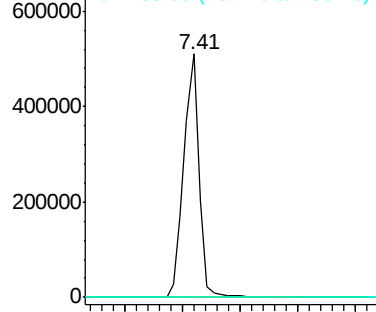
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099538.D

Acq: 16 Oct 2017 12:22

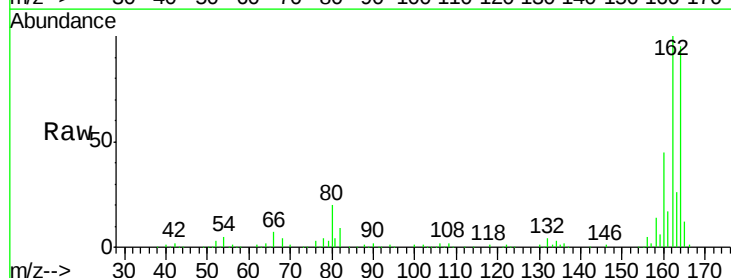
Tgt Ion: 164 Resp: 193507

Ion Ratio Lower Upper

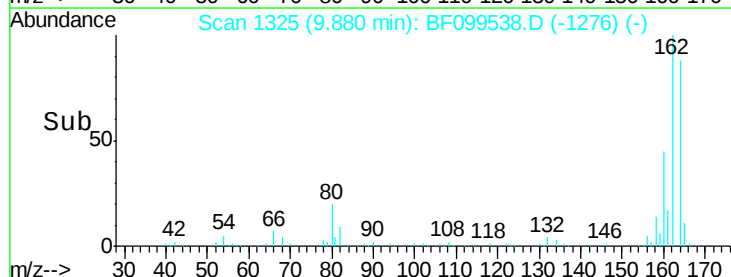
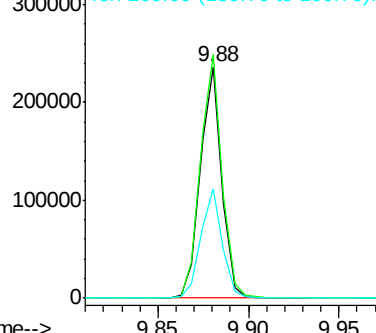
164 100

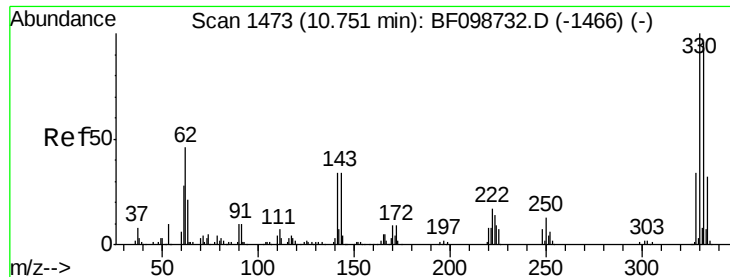
162 105.3 86.1 129.1

160 47.1 38.3 57.5



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

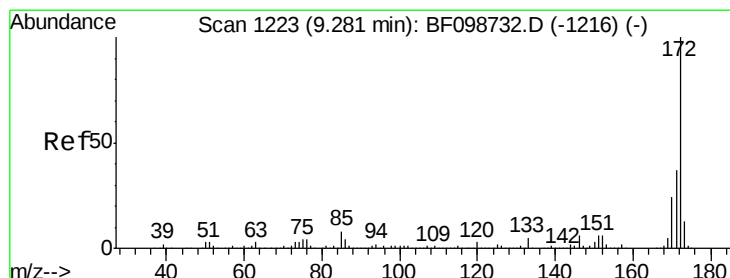
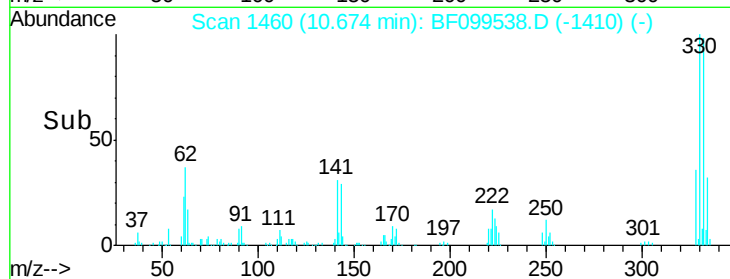
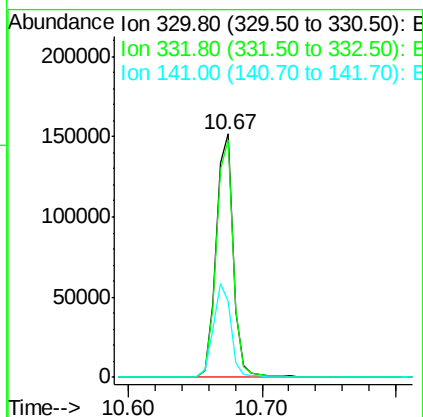
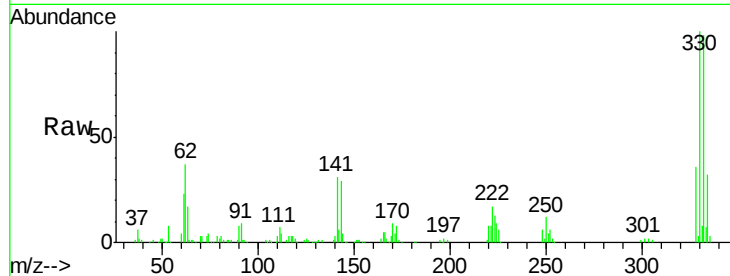




#41
 2,4,6-Tribromophenol
 Concen: 87.94 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099538.D
 Acq: 16 Oct 2017 12:22

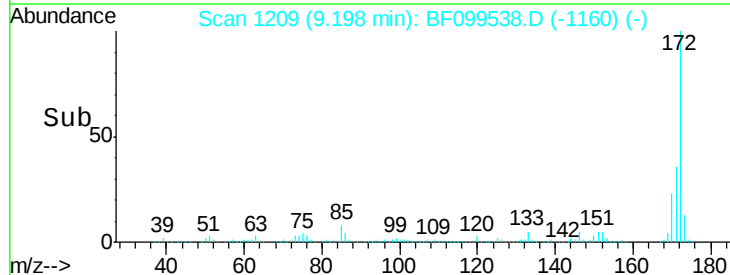
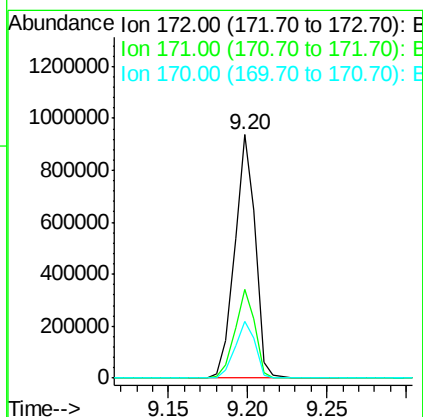
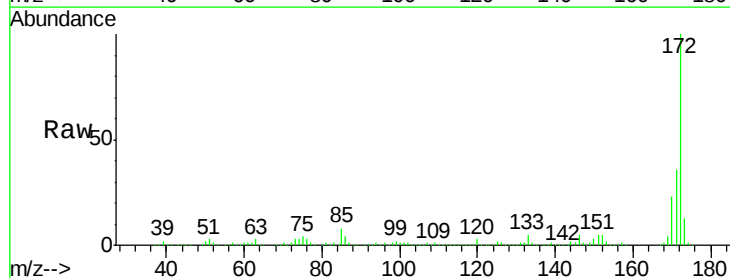
Instrument :
 BNA_F
 ClientSampleId :

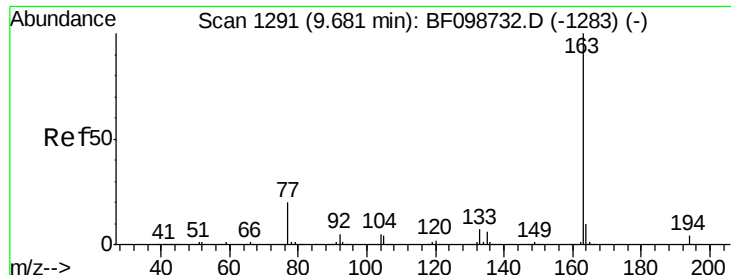
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	39.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 72.10 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099538.D
 Acq: 16 Oct 2017 12:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	23.2	19.6	29.4

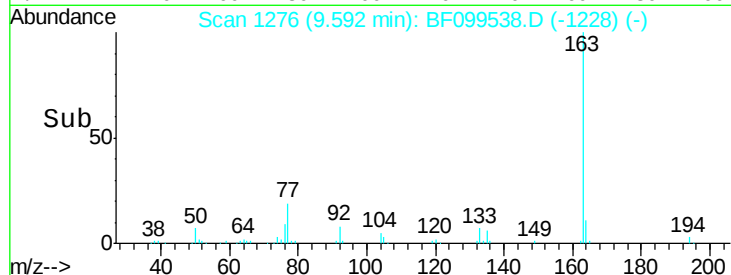
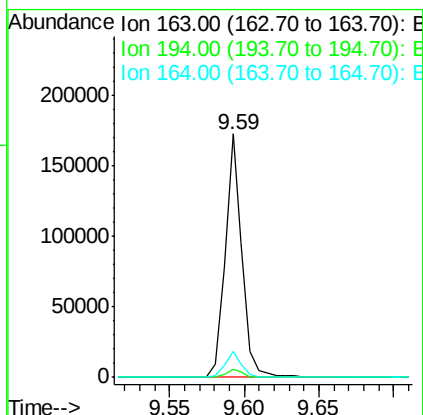
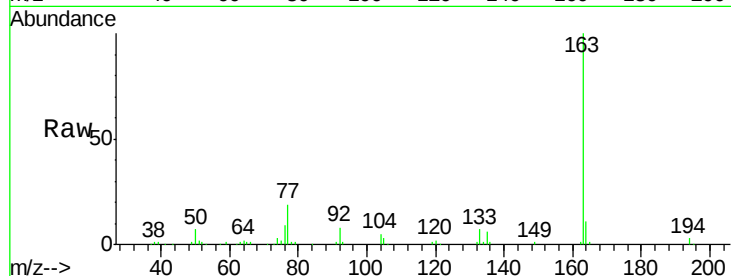




#49
Dimethylphthalate
Concen: 9.32 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

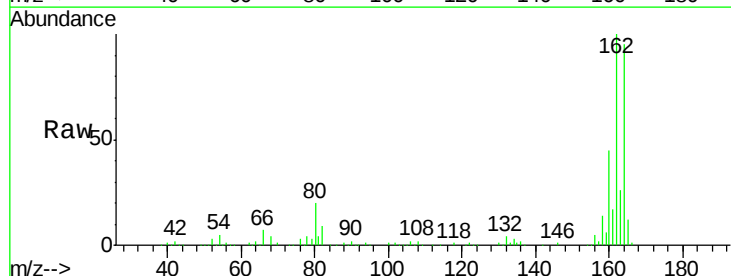
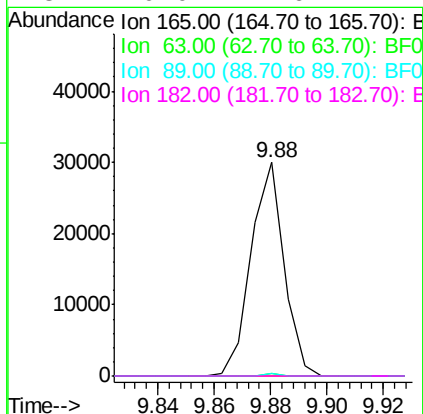
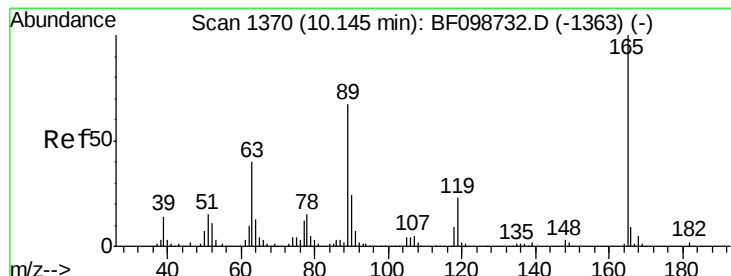
Instrument :
BNA_F
ClientSampleId :

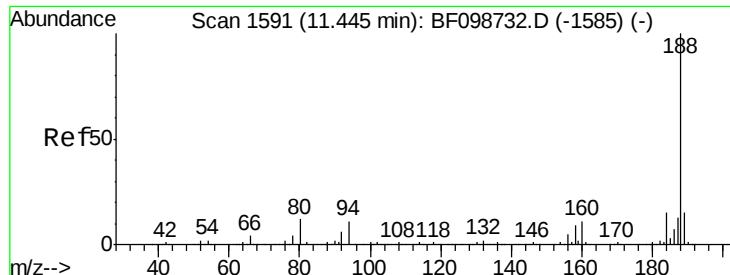
Tot Ion:163 Resp: 136068
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.5 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 5.88 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Tgt Ion:165 Resp: 24281
Ion Ratio Lower Upper
165 100
63 1.1 36.4 54.6#
89 1.1 57.8 86.6#
182 0.0 1.6 2.4#

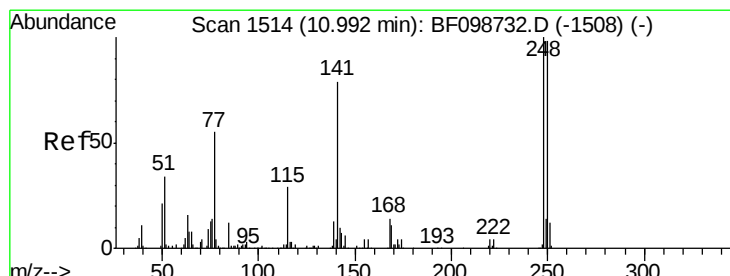
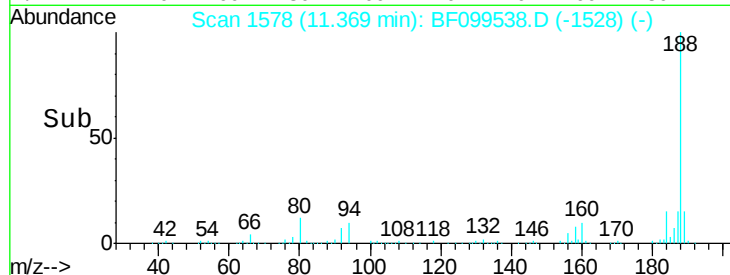
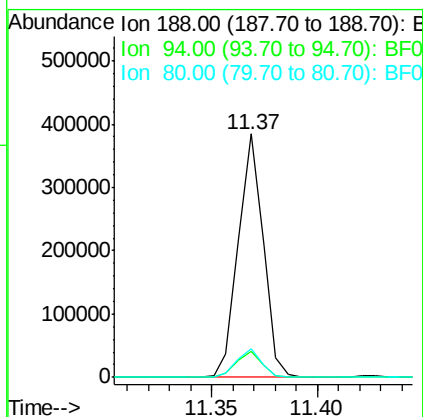
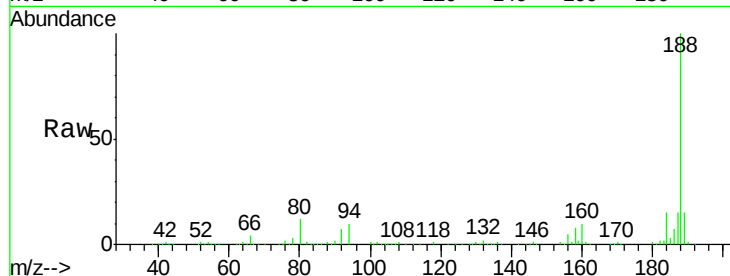




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

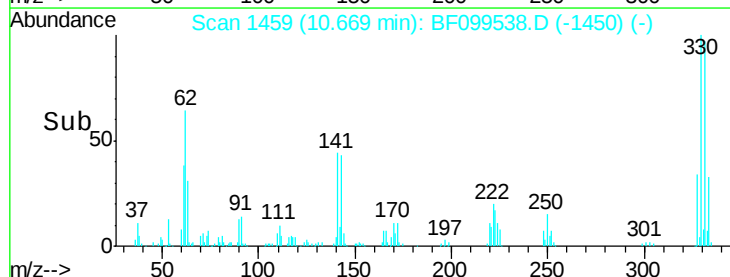
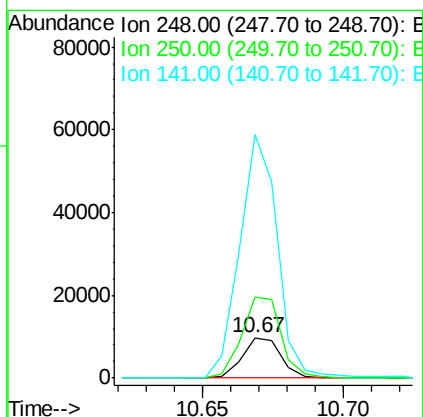
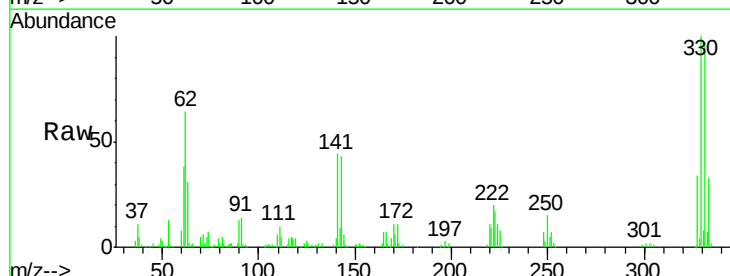
Instrument :
BNA_F
ClientSampleId :

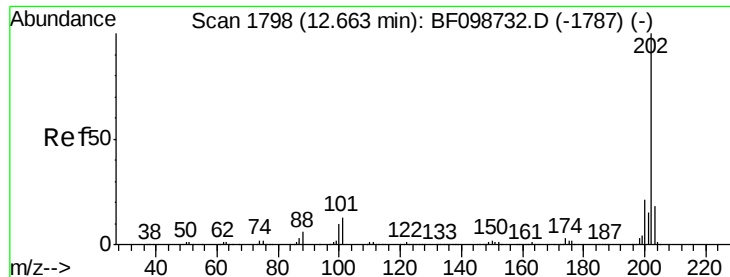
Tot Ion:188 Resp: 314821
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.9 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.99 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Tgt Ion:248 Resp: 9201
Ion Ratio Lower Upper
248 100
250 202.8 76.9 115.3#
141 605.2 74.4 111.6#

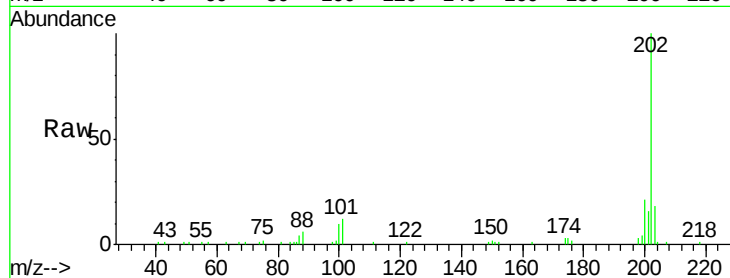




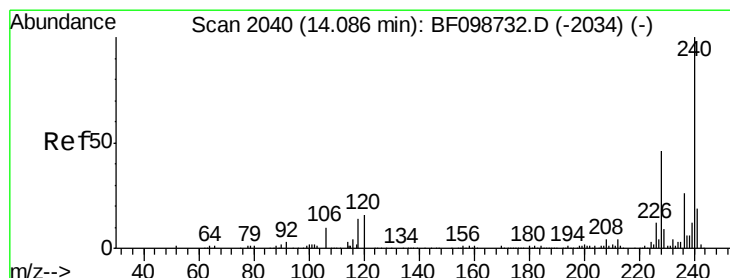
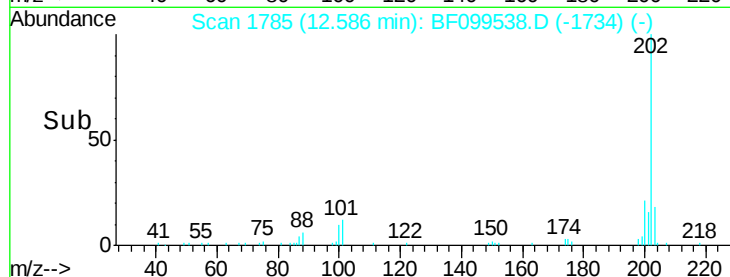
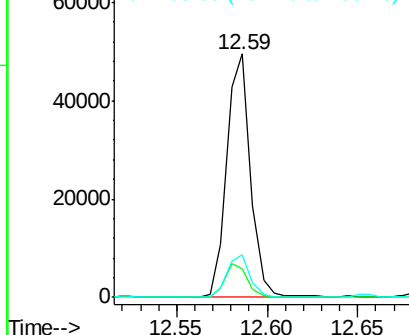
#74
 Fluoranthene
 Concen: 2.64 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: BF099538.D
 Acq: 16 Oct 2017 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 45090
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 34.1
 203 17.7 0.0 38.1

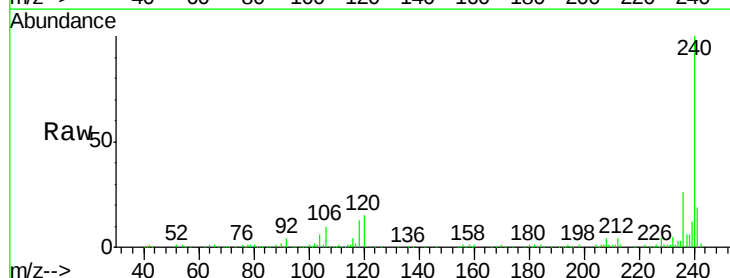


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

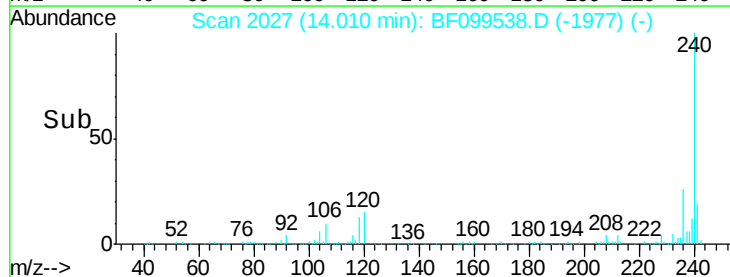
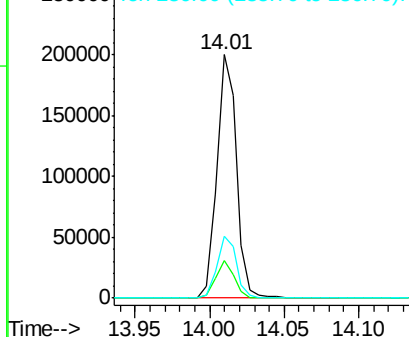


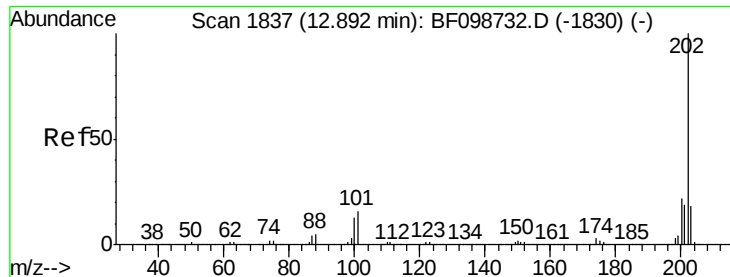
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF099538.D
 Acq: 16 Oct 2017 12:22

Tgt Ion:240 Resp: 183410
 Ion Ratio Lower Upper
 240 100
 120 15.4 9.5 14.3#
 236 25.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

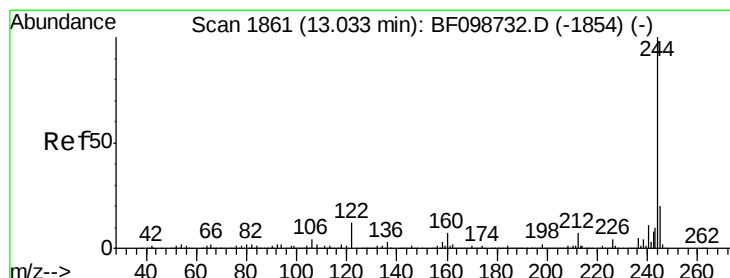
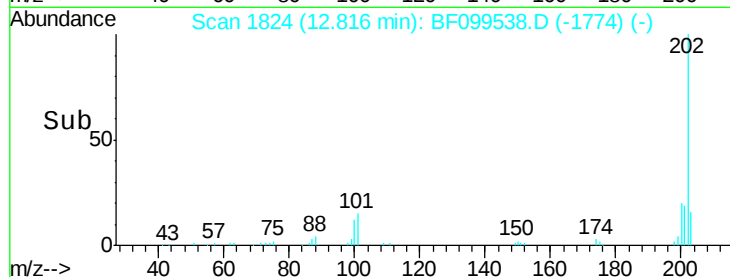
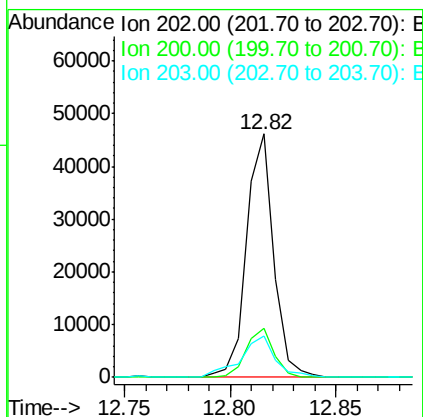
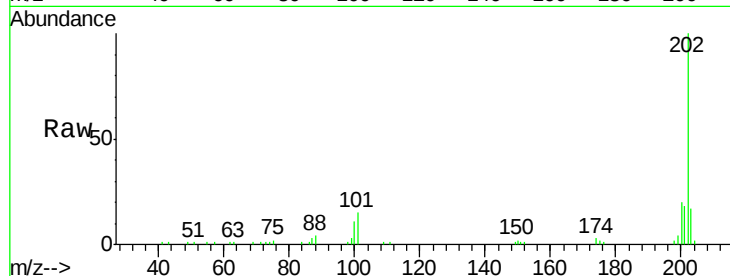




#77
Pvrene
Concen: 2.95 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

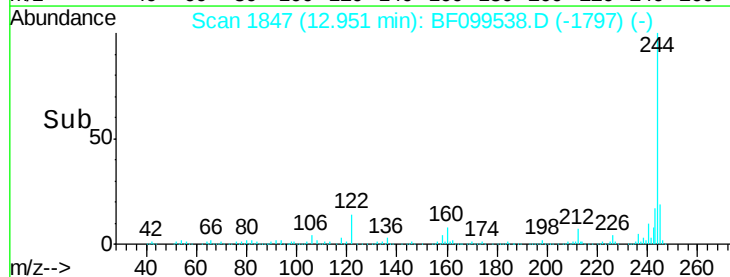
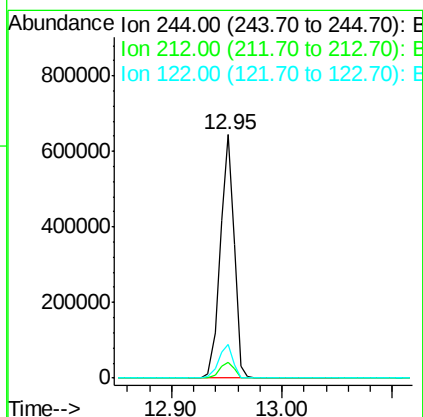
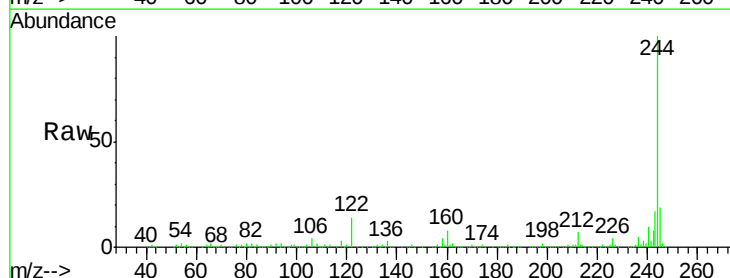
Instrument :
BNA_F
ClientSampleId :

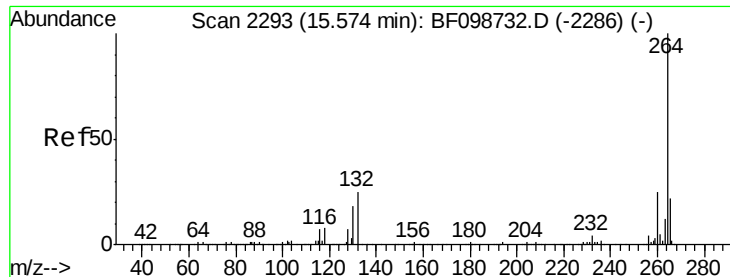
Tot Ion:202 Resp: 41250
Ion Ratio Lower Upper
202 100
200 20.2 17.4 26.2
203 17.0 14.3 21.5



#78
Terphenyl-d14
Concen: 69.45 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Tgt Ion:244 Resp: 560119
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 13.6 11.0 16.4



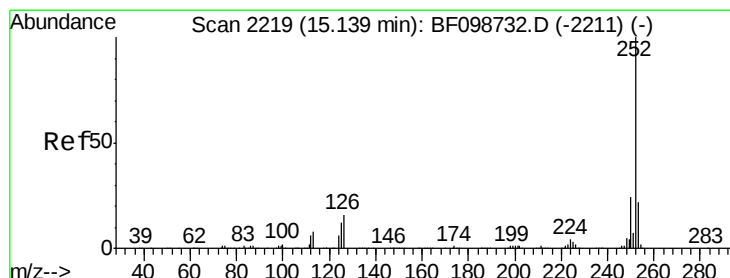
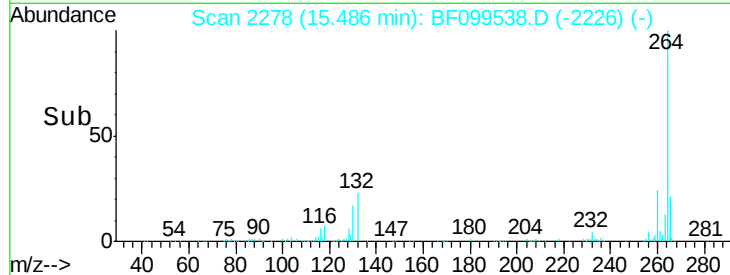
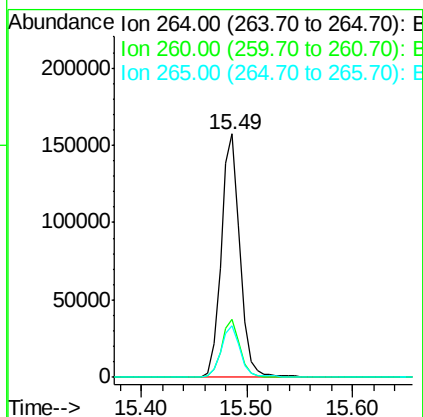
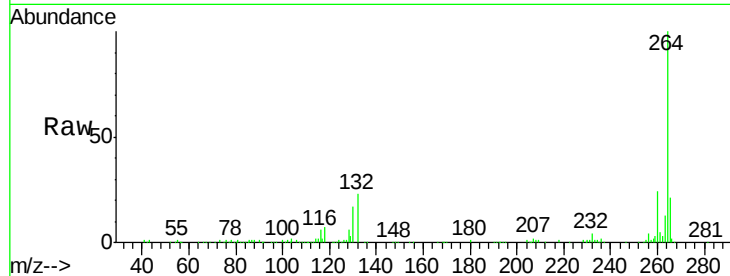


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 193768

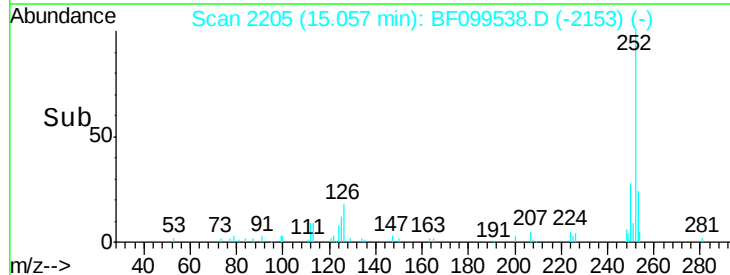
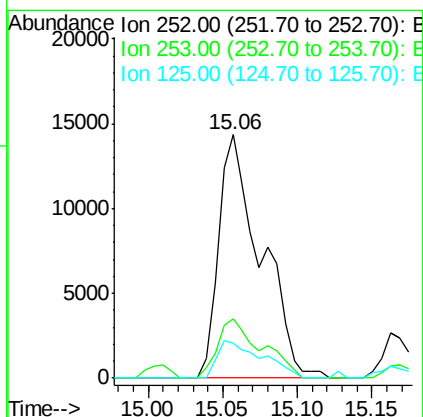
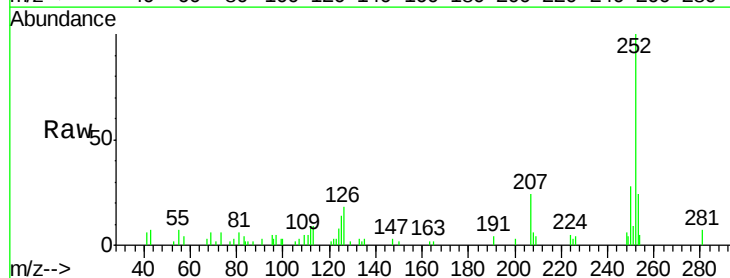
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.5	26.3

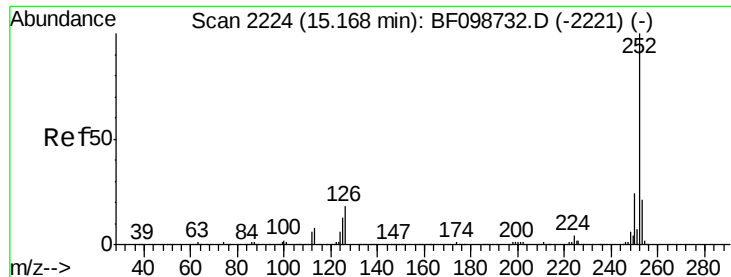


#87
Benzo(b)fluoranthene
Concen: 2.38 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099538.D
Acq: 16 Oct 2017 12:22

Tgt Ion:252 Resp: 28315

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.0	25.6
125	14.2	9.0	13.6#





#88
 Benzo(k)fluoranthene
 Concen: 2.41 ng
 RT: 15.06 min Scan# 2205
 Delta R.T. -0.02 min
 Lab File: BF099538.D
 Acq: 16 Oct 2017 12:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	14.2	10.2	15.2

