

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099737.D
 Acq On : 21 Oct 2017 19:35
 Operator : SJ/JU
 Sample : I6036-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Oct 22 01:45:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

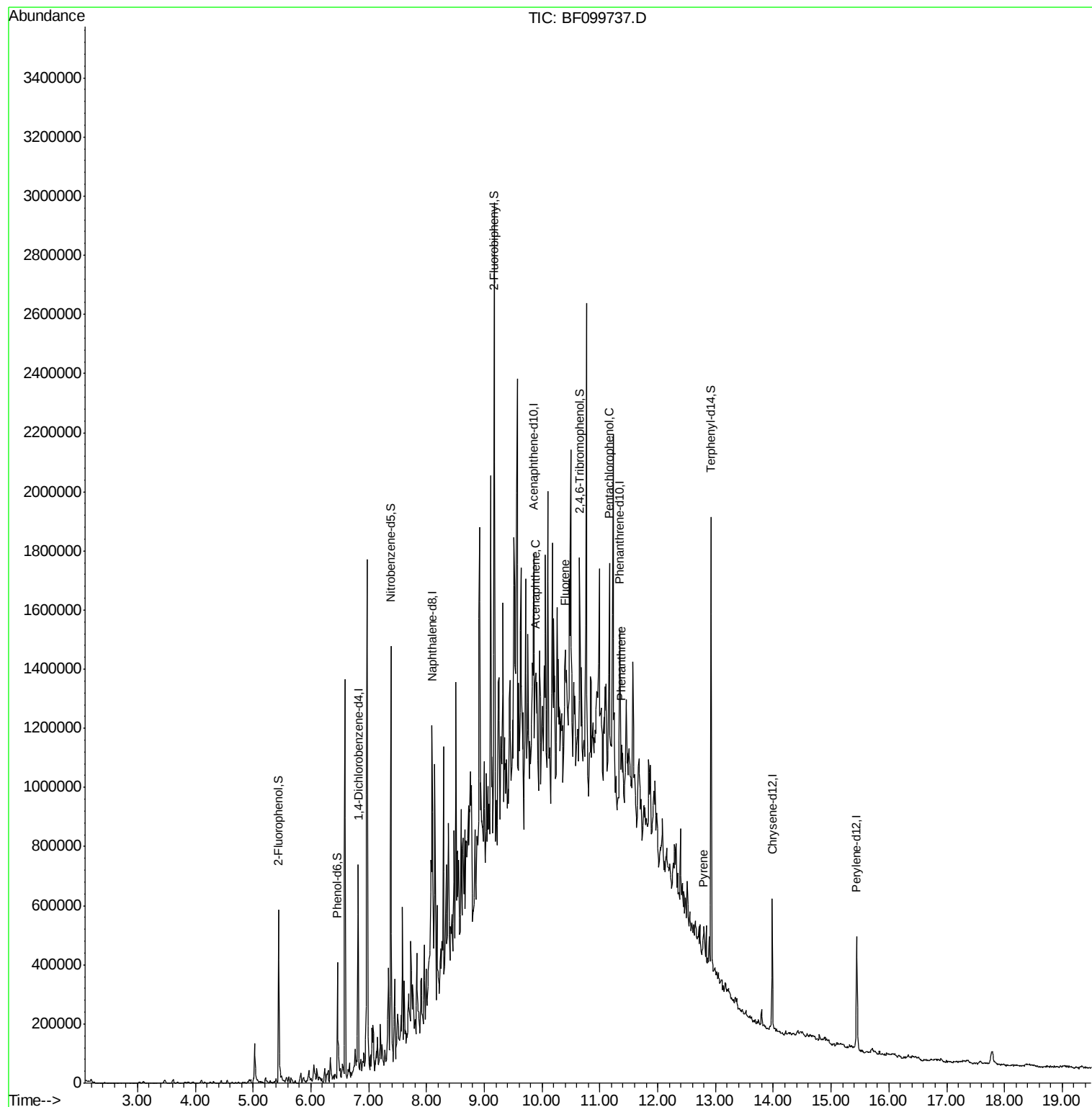
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	84567	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	334254	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	142809	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	223334	20.00	ng	0.00
75) Chrysene-d12	13.98	240	153531	20.00	ng	0.00
86) Perylene-d12	15.44	264	162071	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	201785	37.98	ng	0.00
7) Phenol-d6	6.46	99	155728	23.76	ng	0.00
23) Nitrobenzene-d5	7.39	82	418279	80.25	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	99491	85.14	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	812933	95.03	ng	0.00
78) Terphenyl-d14	12.92	244	519940	77.02	ng	0.00
Target Compounds						
51) Acenaphthene	9.89	154	26724	2.991	ng	# 87
57) Fluorene	10.40	166	73760	7.713	ng	# 96
69) Pentachlorophenol	11.16	266	111230	76.547	ng	# 98
70) Phenanthrene	11.37	178	80658	6.747	ng	# 87
77) Pyrene	12.79	202	23618	2.017	ng	# 91

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

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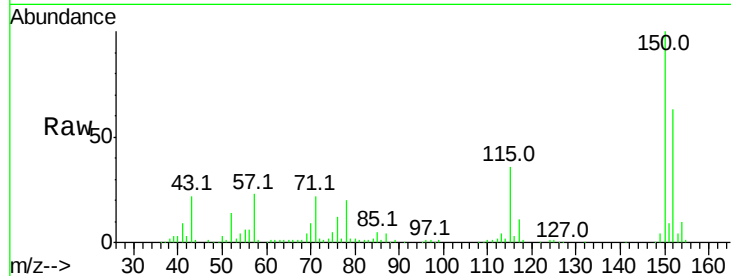


#1

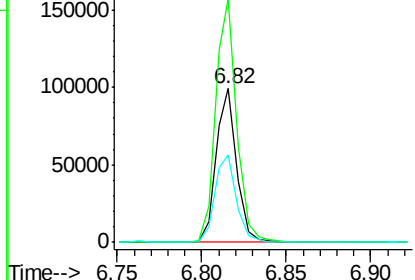
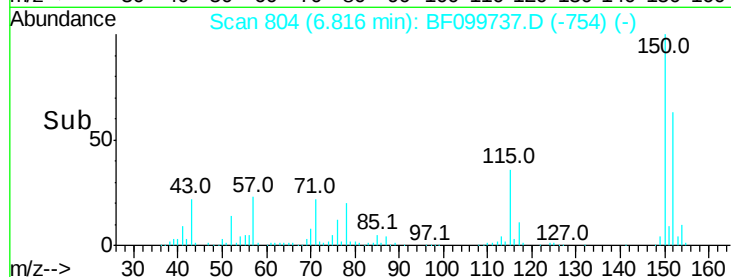
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099737.D
Acq: 21 Oct 2017 19:35

Instrument :
BNA_F
ClientSampleId :
MW-3

Tot Ion:152 Resp: 84567
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 57.1 50.1 75.1



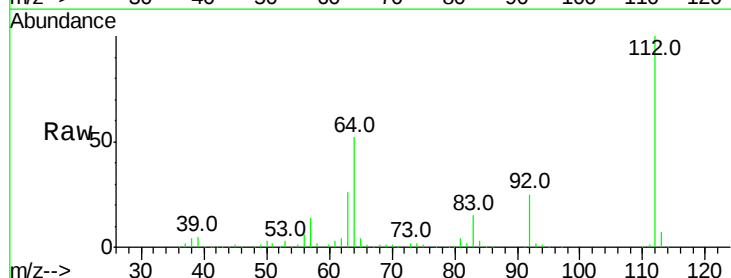
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



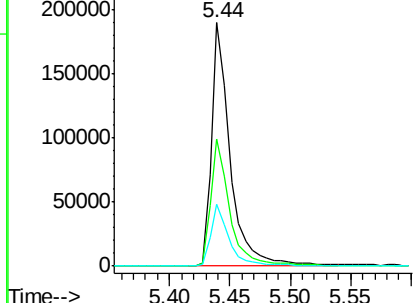
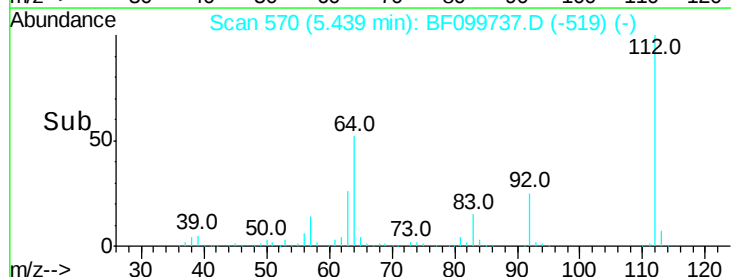
#5

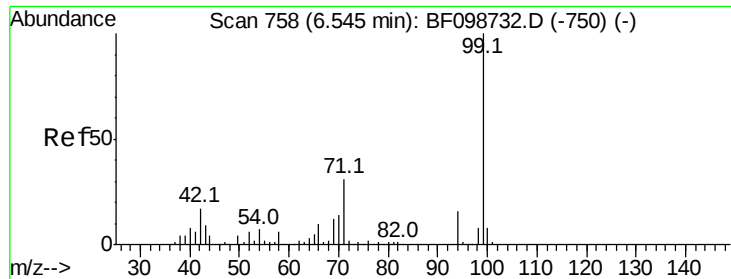
2-Fluorophenol
Concen: 37.984 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF099737.D
Acq: 21 Oct 2017 19:35

Tgt Ion:112 Resp: 201785
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 25.6 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: 23.763 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099737.D

Acq: 21 Oct 2017 19:35

Instrument :

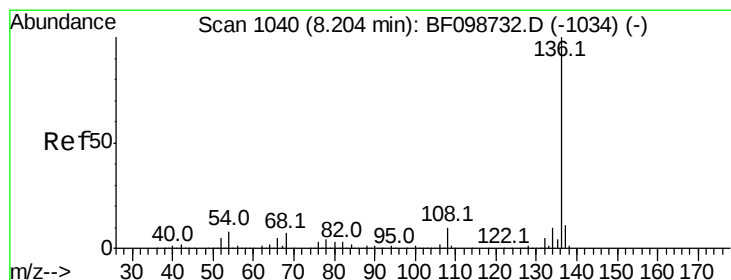
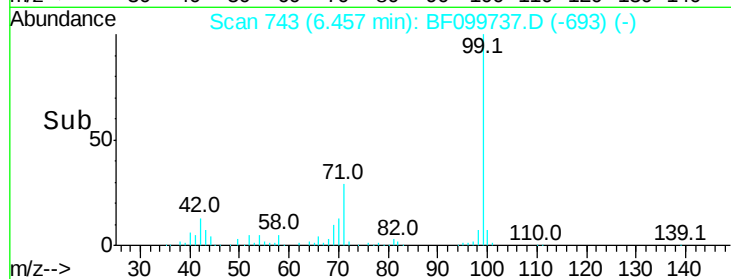
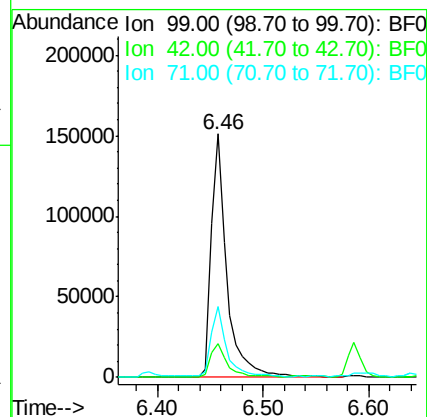
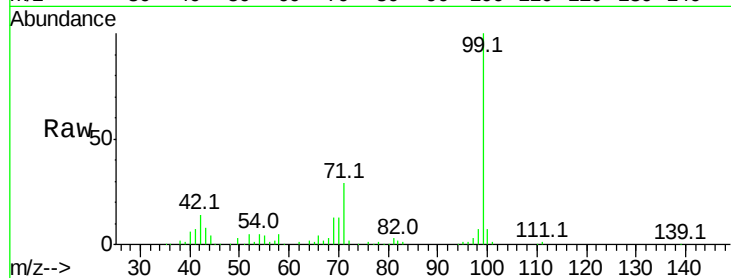
BNA_F

ClientSampleId :

MW-3

Tot Ion: 99 Resp: 155728

Ion	Ratio	Lower	Upper
99	100		
42	13.8	14.5	21.7#
71	29.3	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

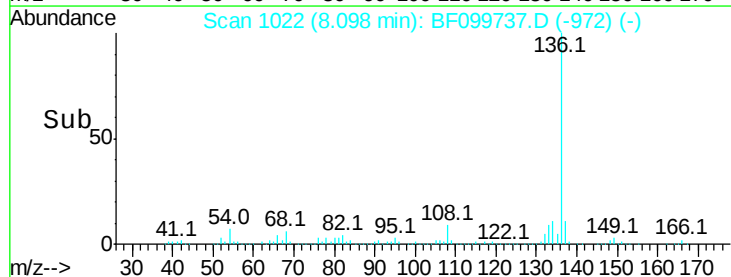
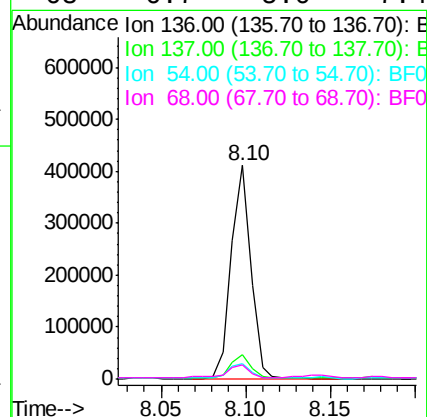
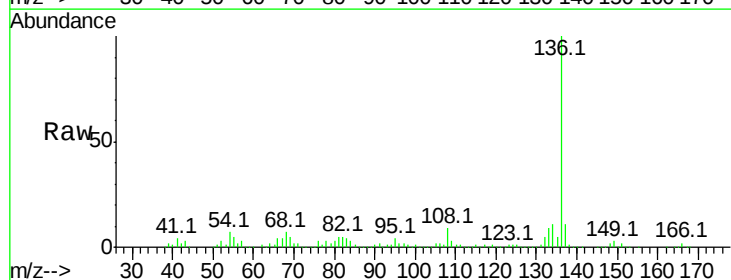
Delta R.T. -0.01 min

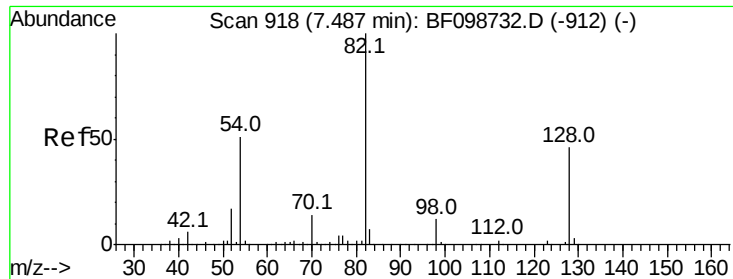
Lab File: BF099737.D

Acq: 21 Oct 2017 19:35

Tgt Ion: 136 Resp: 334254

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.4	6.6	9.8
68	6.7	5.0	7.4

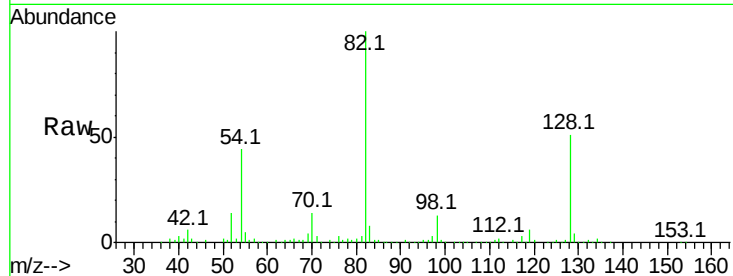




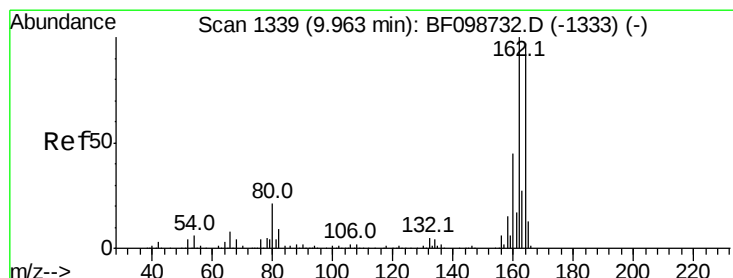
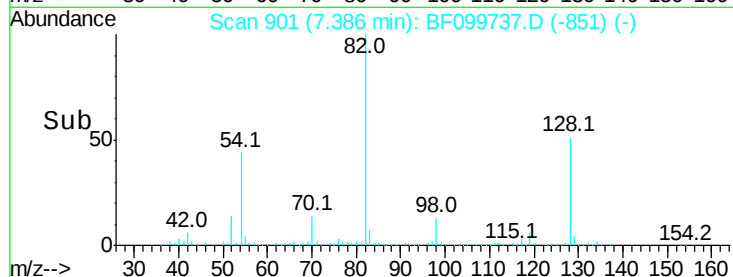
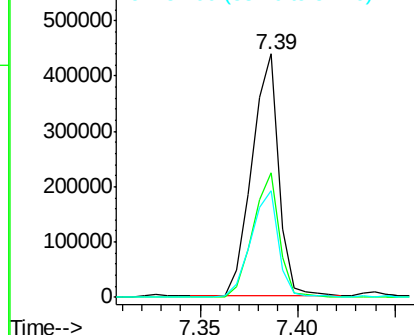
#23
 Nitrobenzene-d5
 Concen: 80.251 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099737.D
 Acq: 21 Oct 2017 19:35

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tot Ion	82	Resp	418279
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	44.0	41.4	62.2

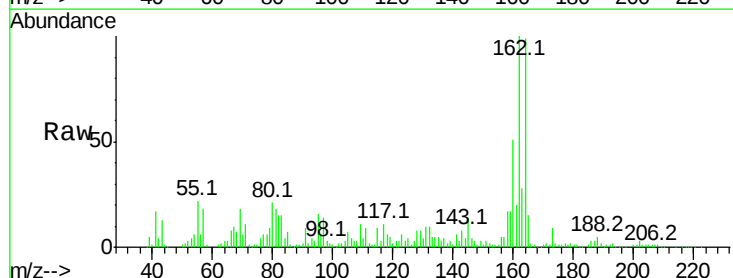


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

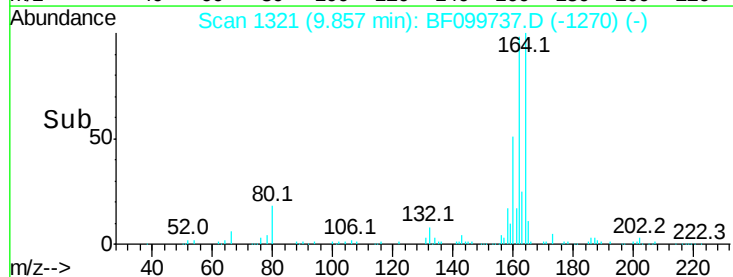
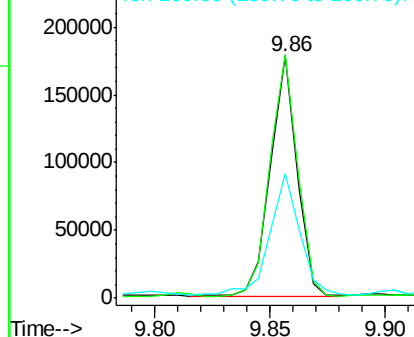


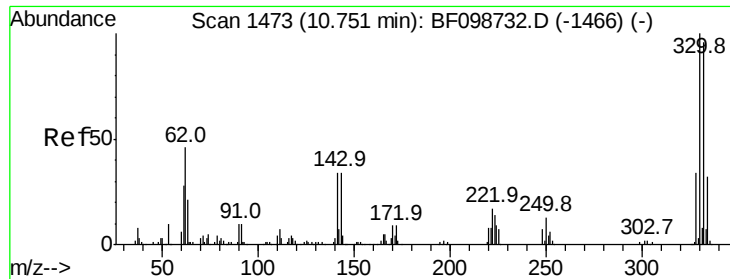
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: BF099737.D
 Acq: 21 Oct 2017 19:35

Tgt Ion	164	Resp	142809
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	100.6	38.3	57.5
160	51.5		



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

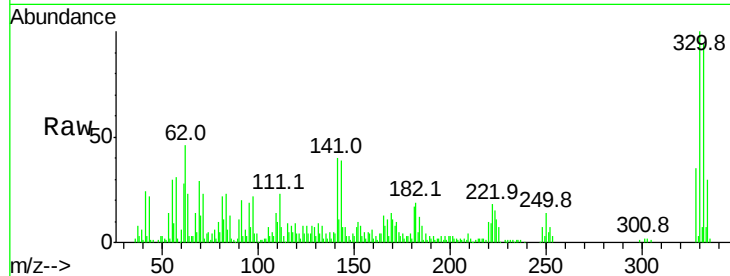




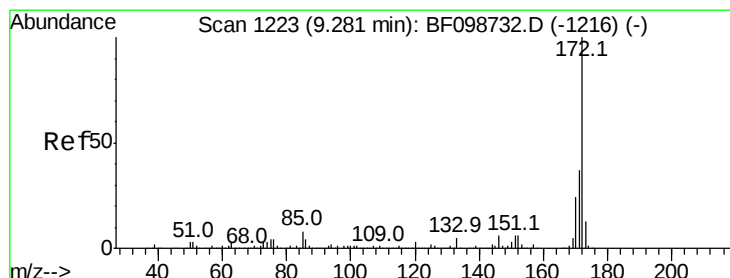
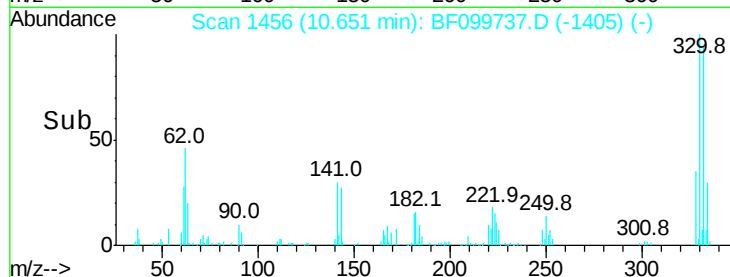
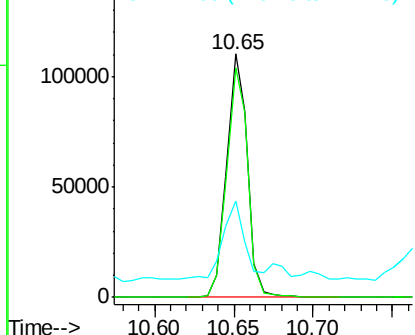
#41
 2,4,6-Tribromophenol
 Concen: 85.139 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.00 min
 Lab File: BF099737.D
 Acq: 21 Oct 2017 19:35

Instrument :
 BNA_F
 ClientSampled :
 MW-3

Tot Ion:330 Resp: 99491
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 33.5 29.9 44.9

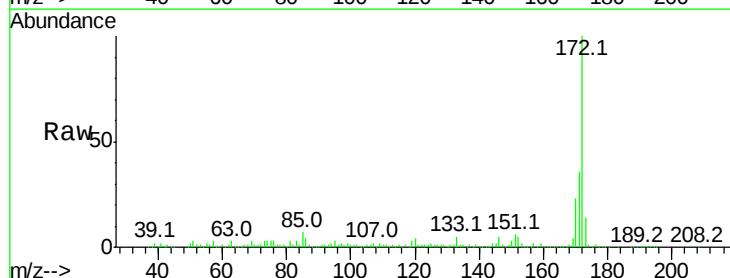


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

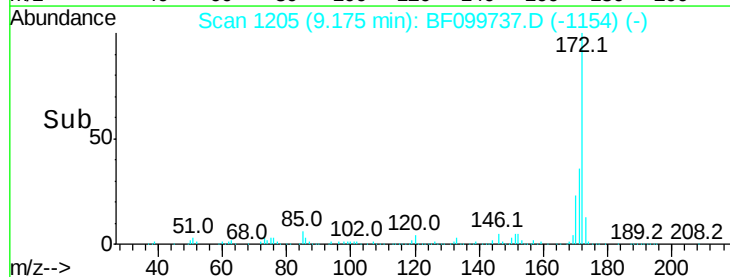
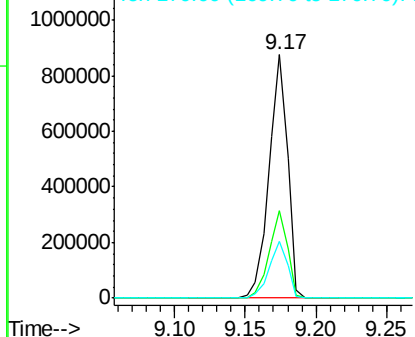


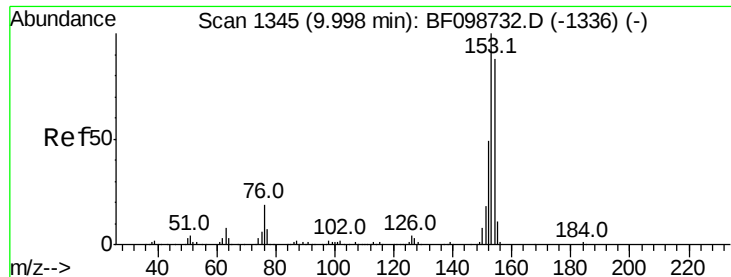
#44
 2-Fluorobiphenyl
 Concen: 95.031 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF099737.D
 Acq: 21 Oct 2017 19:35

Tgt Ion:172 Resp: 812933
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.3 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





#51

Acenaphthene

Concen: 2.991 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099737.D

Acq: 21 Oct 2017 19:35

Instrument :

BNA_F

ClientSampled :

MW-3

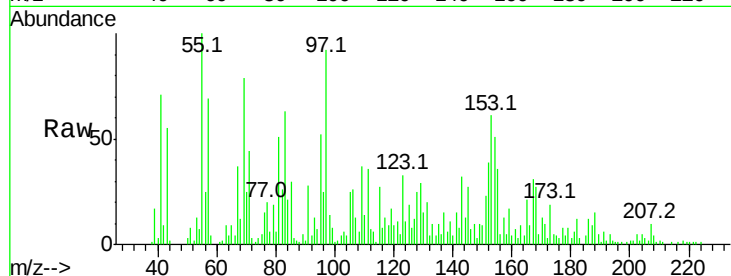
Tot Ion:154 Resp: 26724

Ion Ratio Lower Upper

154 100

153 119.6 91.2 136.8

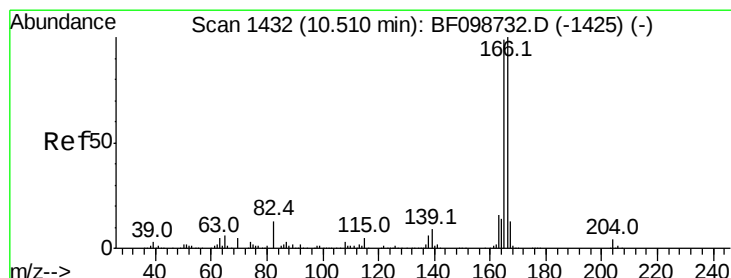
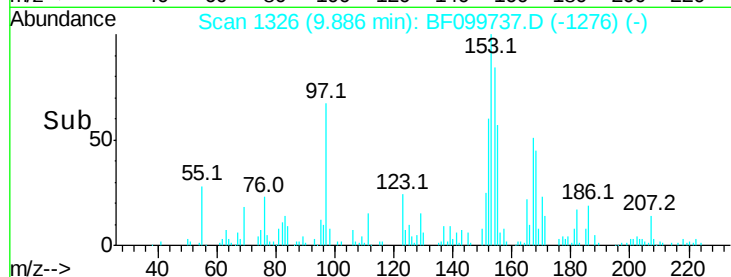
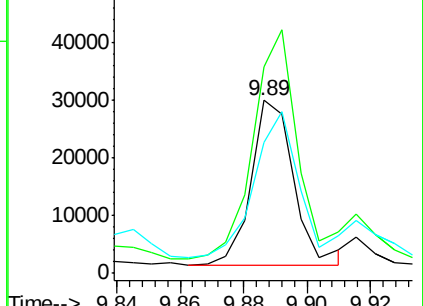
152 76.2 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 7.713 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BF099737.D

Acq: 21 Oct 2017 19:35

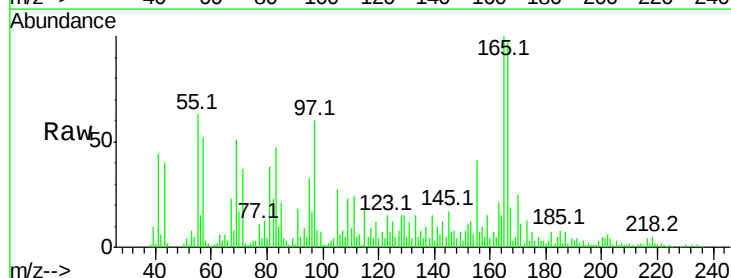
Tgt Ion:166 Resp: 73760

Ion Ratio Lower Upper

166 100

165 102.7 79.8 119.8

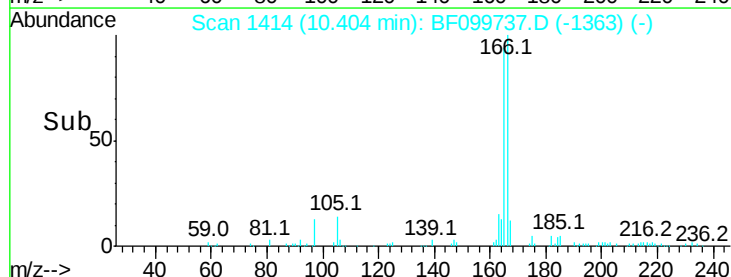
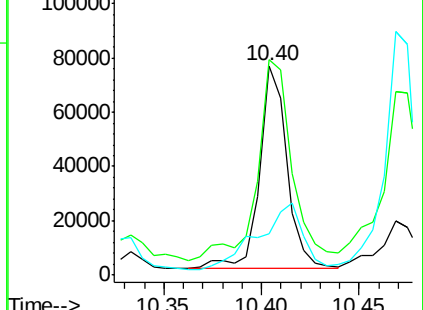
167 19.8 10.6 16.0#

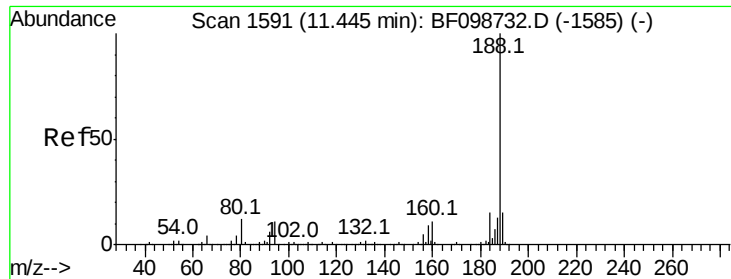


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

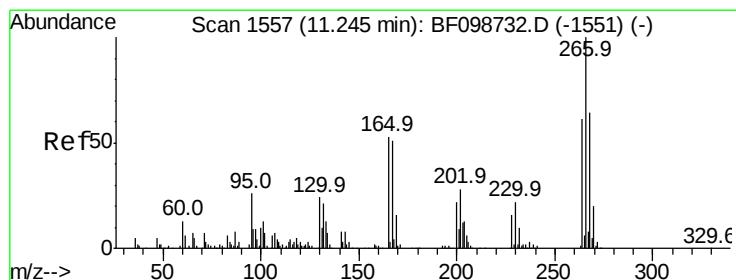
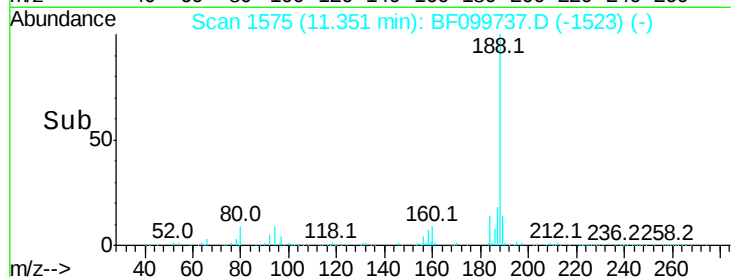
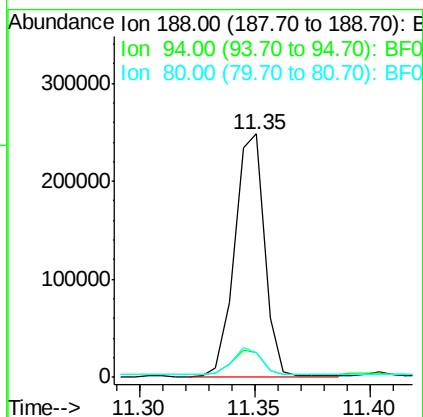
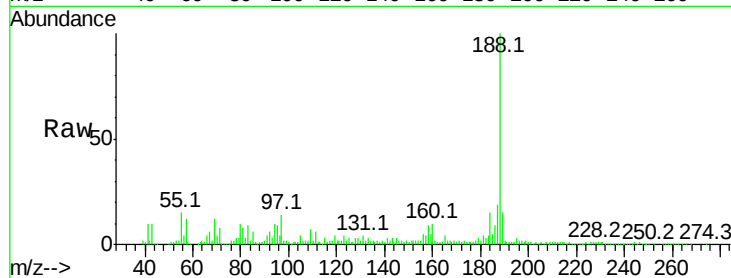




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF099737.D
Acq: 21 Oct 2017 19:35

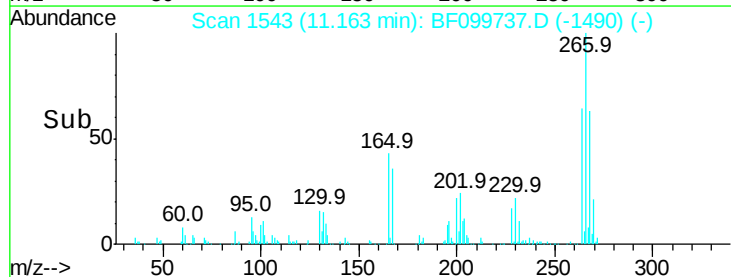
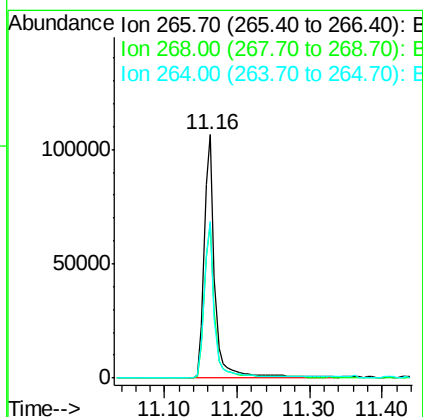
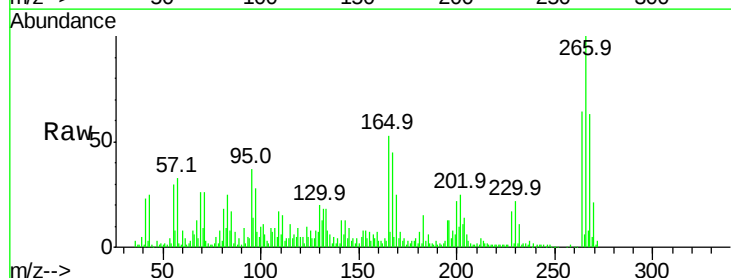
Instrument :
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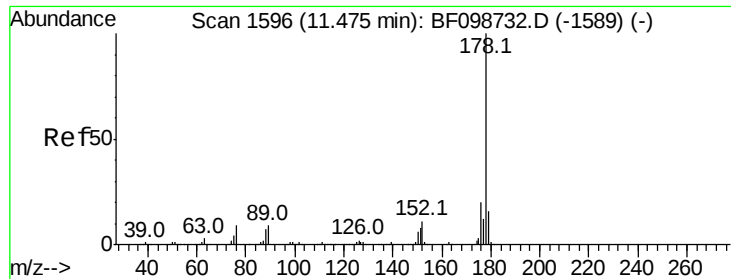
Tot Ion:188 Resp: 223334
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.3 9.2 13.8



#69
Pentachlorophenol
Concen: 76.547 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BF099737.D
Acq: 21 Oct 2017 19:35

Tgt Ion:266 Resp: 111230
Ion Ratio Lower Upper
266 100
268 63.3 51.1 76.7
264 64.4 49.5 74.3





#70

Phenanthrene

Concen: 6.747 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF099737.D

Acq: 21 Oct 2017 19:35

Instrument :

BNA_F

ClientSampled :

MW-3

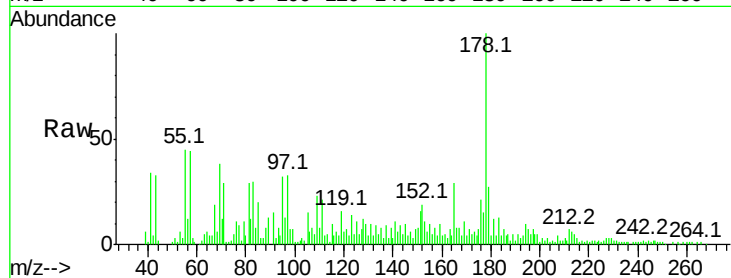
Tot Ion:178 Resp: 80658

Ion Ratio Lower Upper

178 100

176 20.8 15.8 23.8

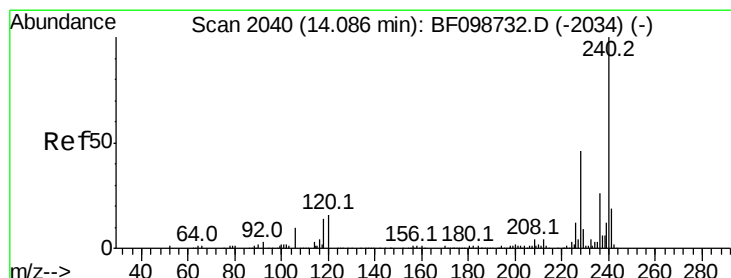
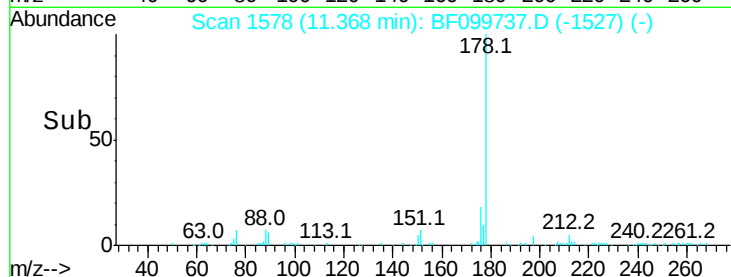
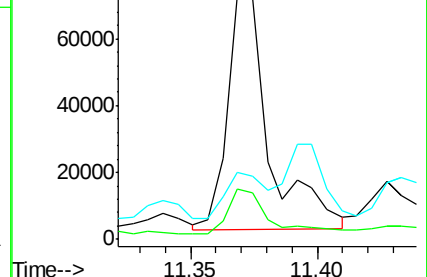
179 27.4 13.0 19.6#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099737.D

Acq: 21 Oct 2017 19:35

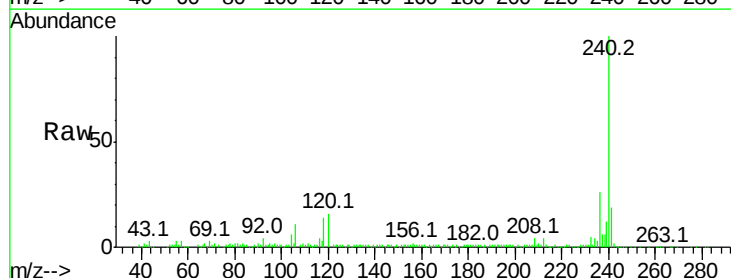
Tgt Ion:240 Resp: 153531

Ion Ratio Lower Upper

240 100

120 16.4 9.5 14.3#

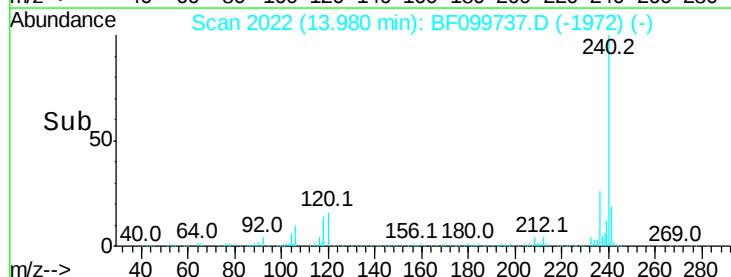
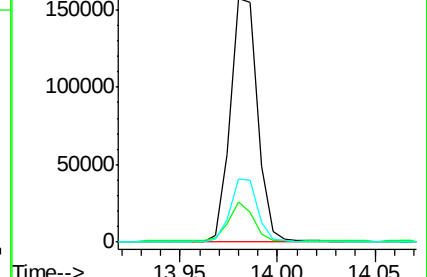
236 26.0 20.7 31.1

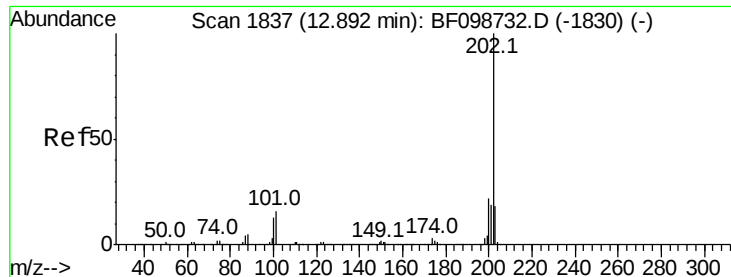


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.017 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF099737.D

Acq: 21 Oct 2017 19:35

Instrument :

BNA_F

ClientSampled :

MW-3

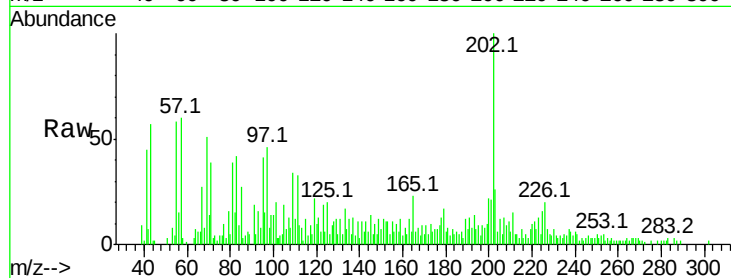
Tot Ion:202 Resp: 23618

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

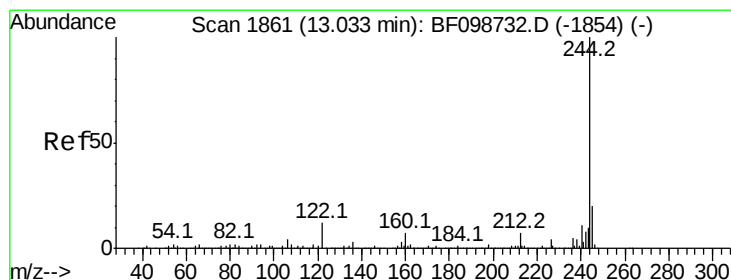
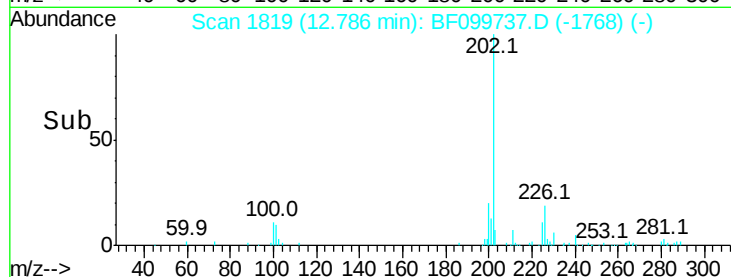
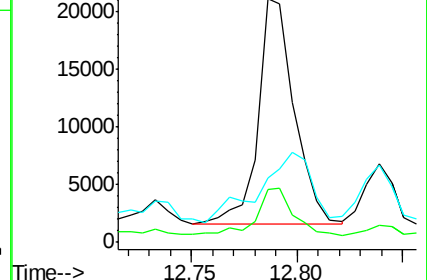
203 26.4 14.3 21.5#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.017 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF099737.D

Acq: 21 Oct 2017 19:35

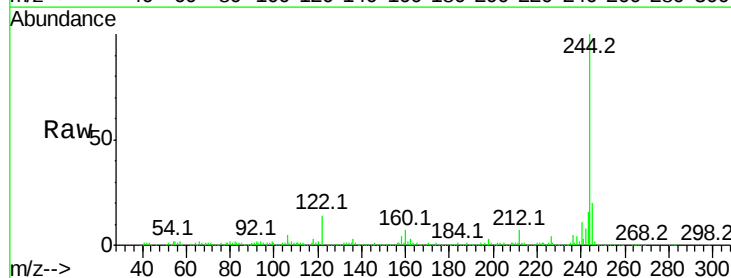
Tgt Ion:244 Resp: 519940

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

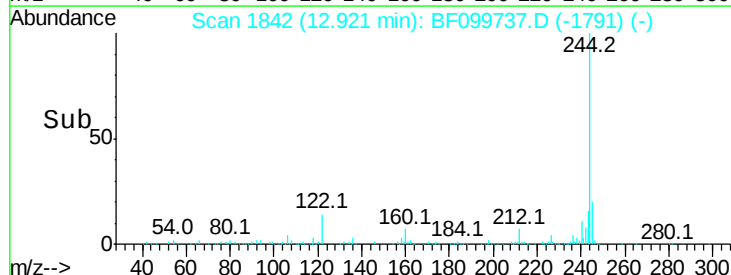
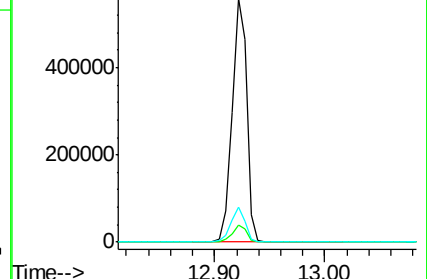
122 14.2 11.0 16.4

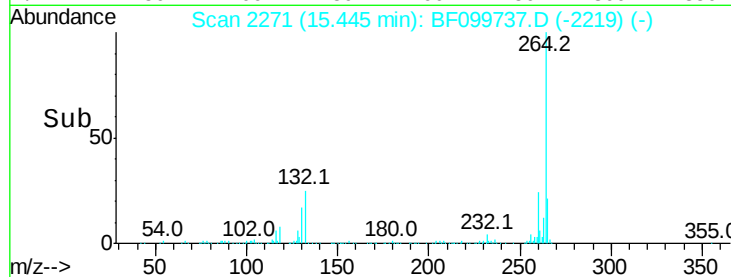
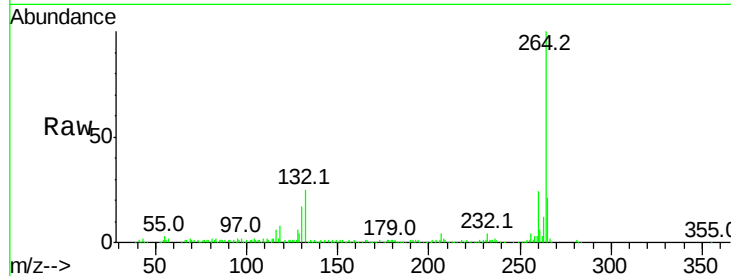
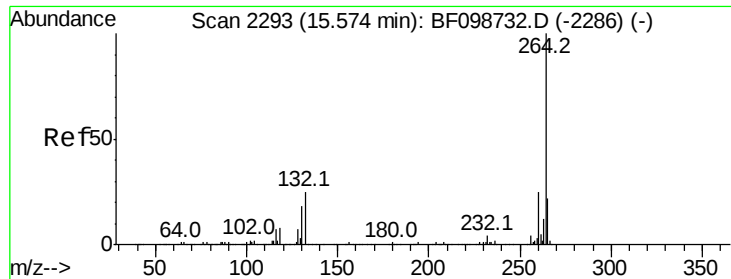


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF099737.D
Acq: 21 Oct 2017 19:35

Instrument :
BNA_F
ClientSampleId :
MW-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.5	26.3

