

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118190.D
 Acq On : 13 Dec 2019 17:07
 Operator : JU
 Sample : K6235-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: Dec 21 04:56:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

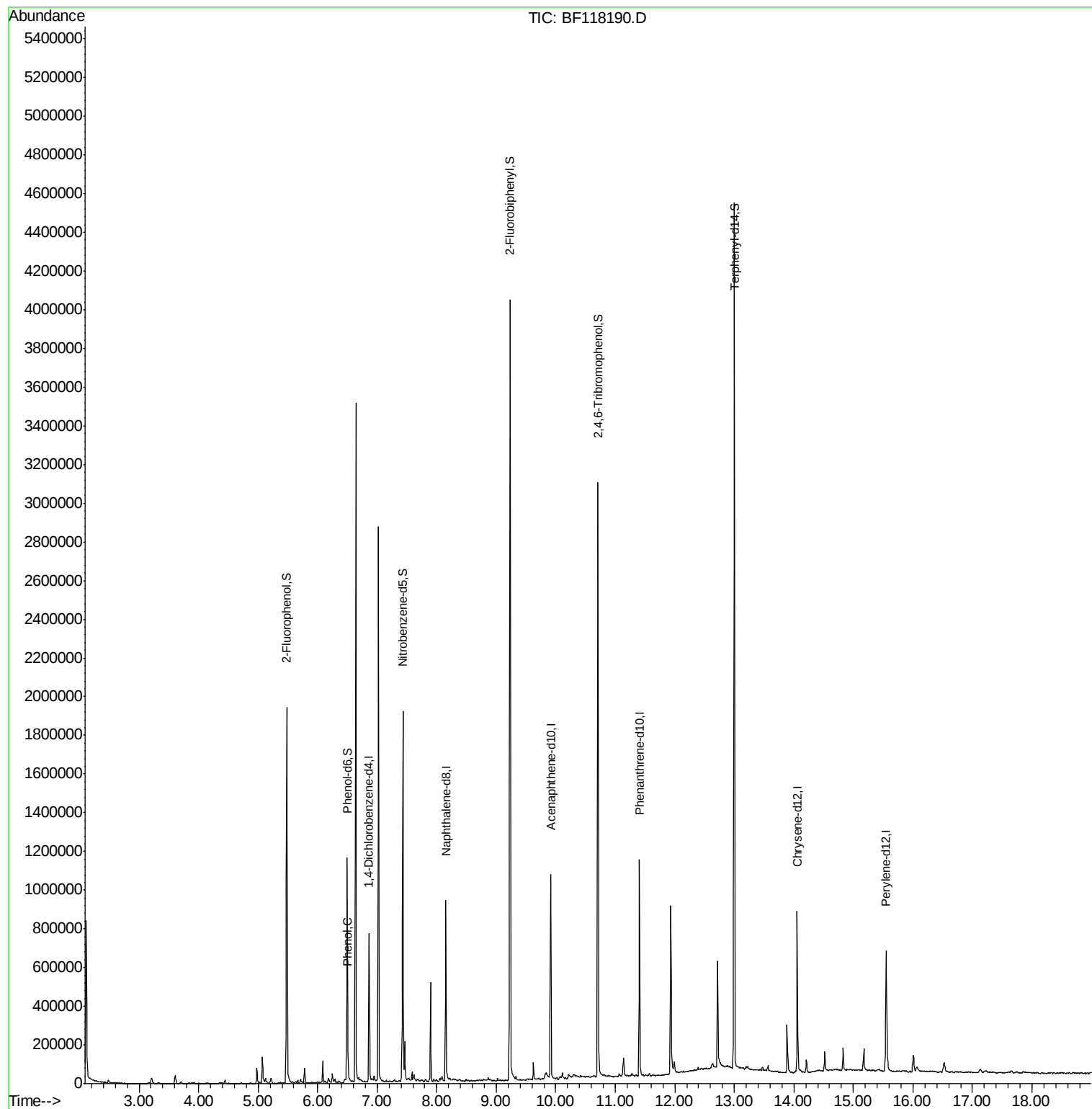
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	114709	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	437317	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	227297	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	421124	20.00	ng	0.00
76) Chrysene-d12	14.06	240	272834	20.00	ng	-0.01
87) Perylene-d12	15.55	264	278710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	536393	81.90	ng	0.00
7) Phenol-d6	6.50	99	430607	54.36	ng	0.00
23) Nitrobenzene-d5	7.43	82	650214	83.65	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	384537	139.26	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1295309	86.71	ng	0.00
79) Terphenyl-d14	13.00	244	1595984	100.59	ng	0.00
Target Compounds						
10) Phenol	6.51	94	23743	2.628	ng	Qvalue 91

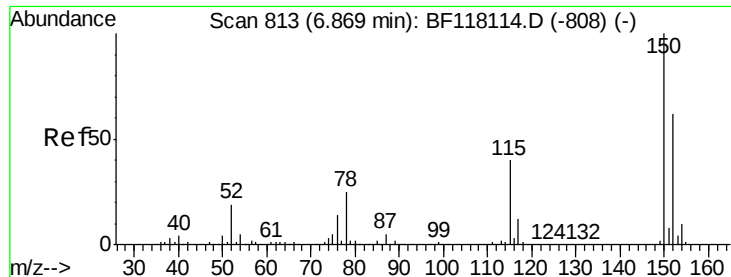
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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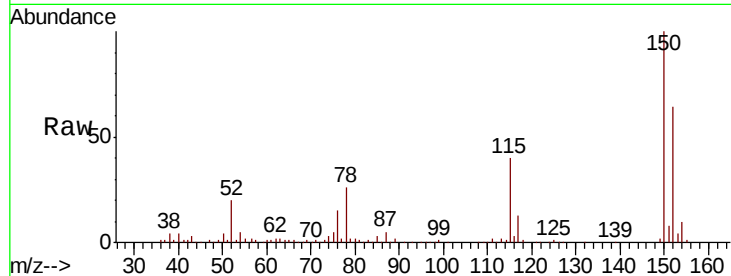


#1

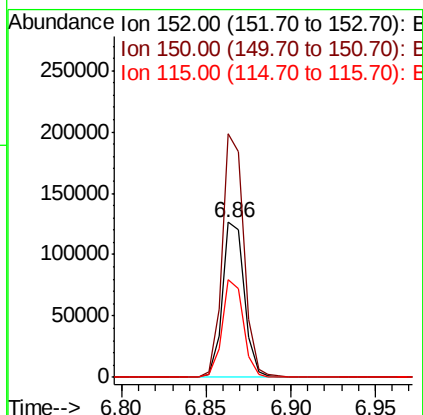
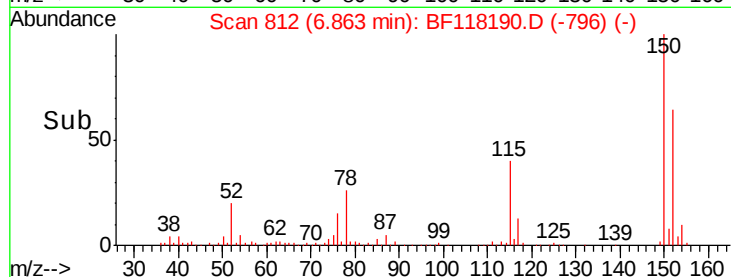
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF118190.D
 Acq: 13 Dec 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tot Ion:152 Resp: 114709
 Ion Ratio Lower Upper
 152 100
 150 156.9 128.3 192.5
 115 62.7 51.1 76.7



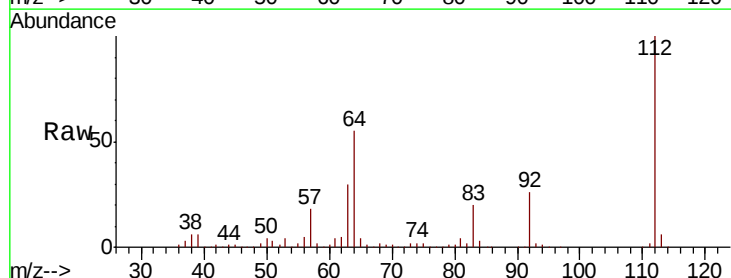
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



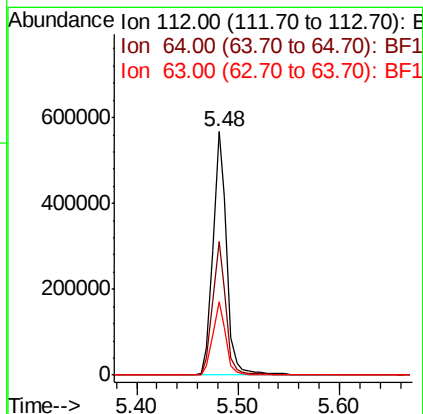
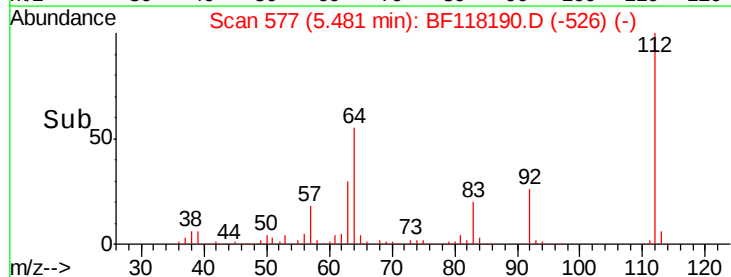
#5

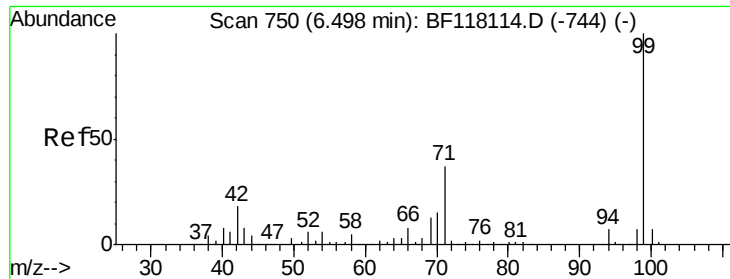
2-Fluorophenol
 Concen: 81.901 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF118190.D
 Acq: 13 Dec 2019 17:07

Tgt Ion:112 Resp: 536393
 Ion Ratio Lower Upper
 112 100
 64 54.9 41.3 61.9
 63 29.9 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 54.359 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118190.D

Acq: 13 Dec 2019 17:07

Instrument :

BNA_F

ClientSampled :

MW-03

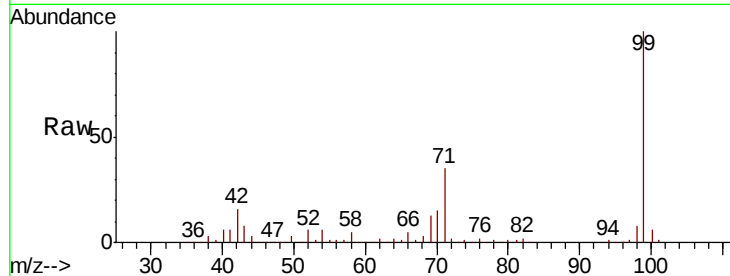
Tot Ion: 99 Resp: 430607

Ion Ratio Lower Upper

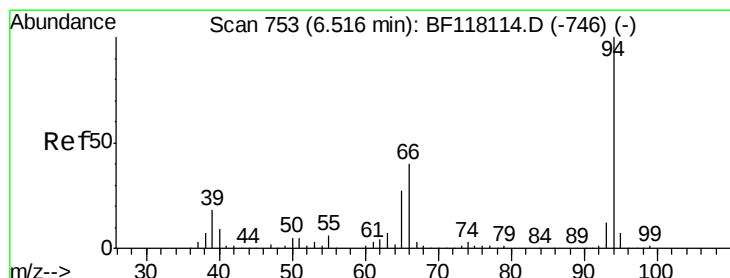
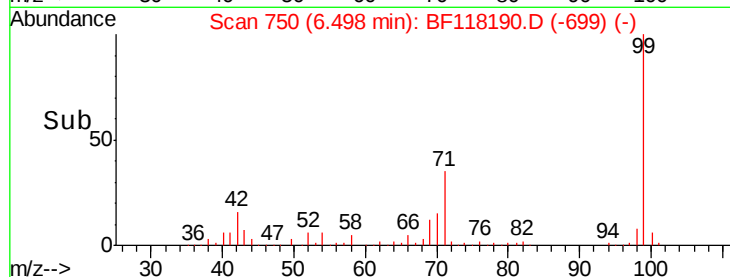
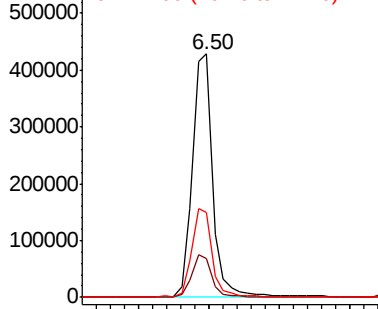
99 100

42 16.2 14.1 21.1

71 34.9 29.7 44.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.628 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF118190.D

Acq: 13 Dec 2019 17:07

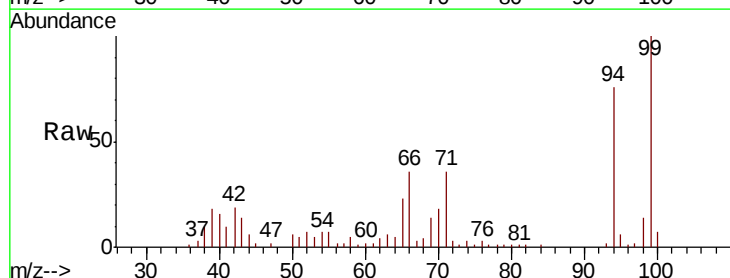
Tgt Ion: 94 Resp: 23743

Ion Ratio Lower Upper

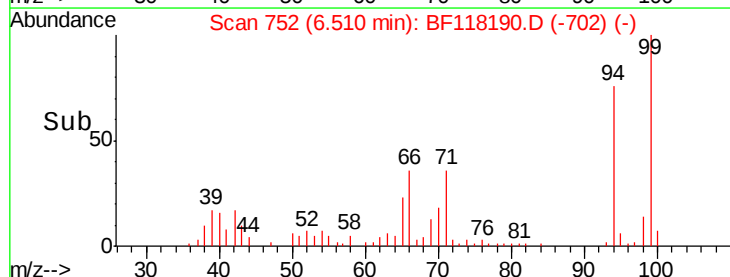
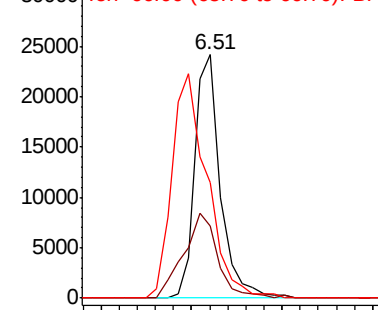
94 100

65 29.8 7.3 47.3

66 47.7 20.2 60.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

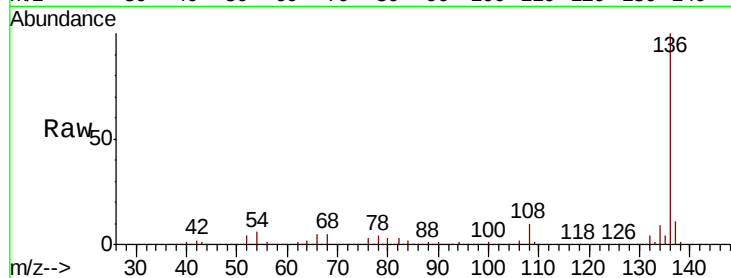




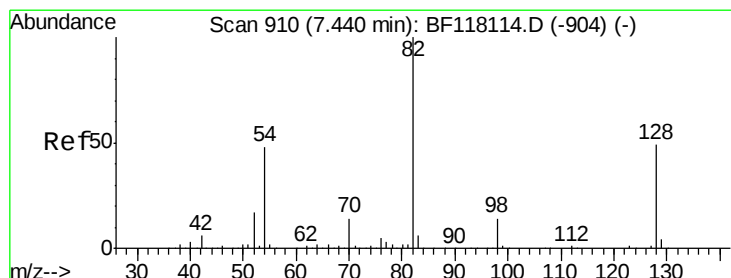
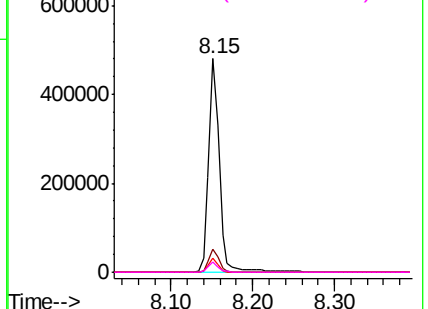
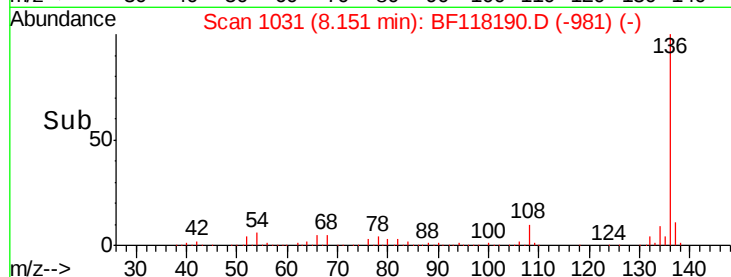
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Instrument :
BNA_F
ClientSampleId :
MW-03

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.4	5.0	7.6
68	4.6	3.8	5.8

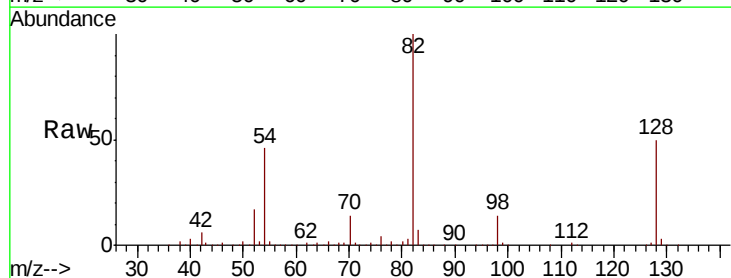


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

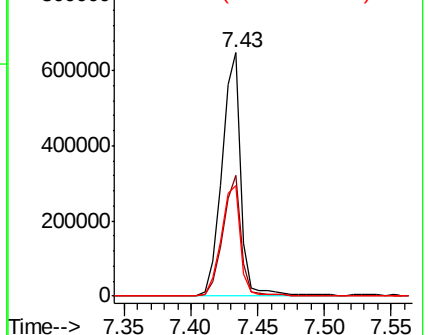
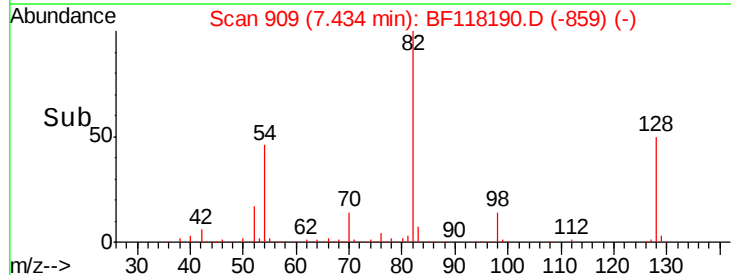


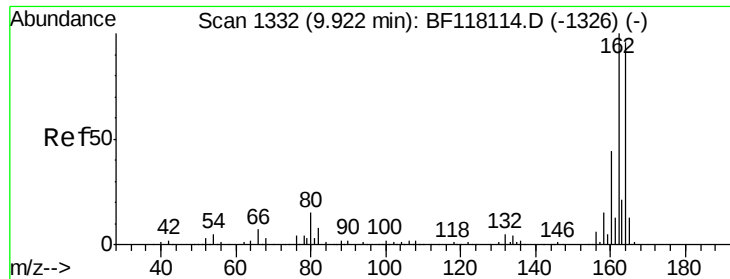
#23
Nitrobenzene-d5
Concen: 83.646 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118190.D
Acq: 13 Dec 2019 17:07

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.6	39.1	58.7
54	45.5	38.2	57.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

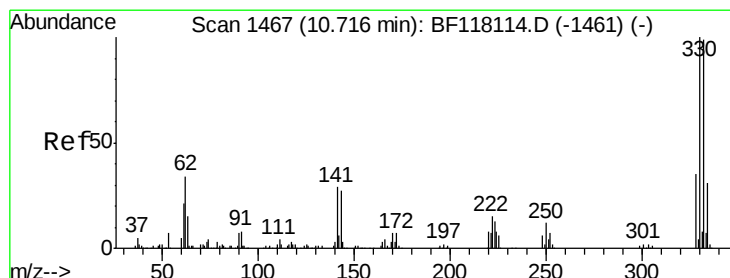
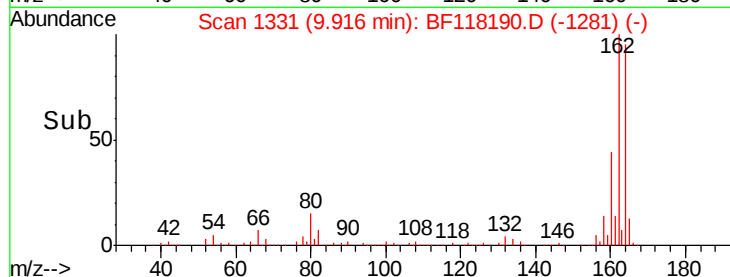
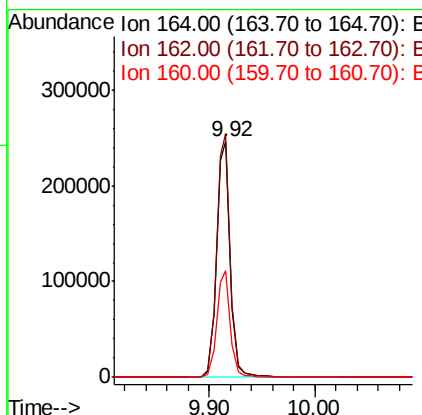
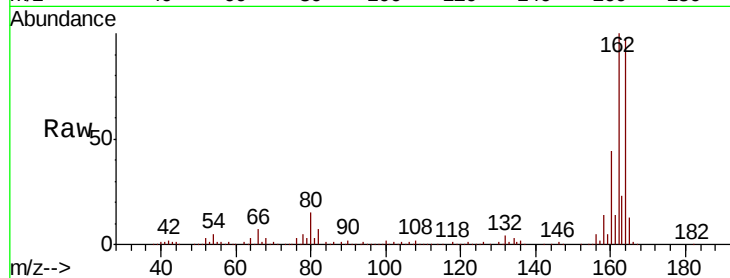




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118190.D
 Acq: 13 Dec 2019 17:07

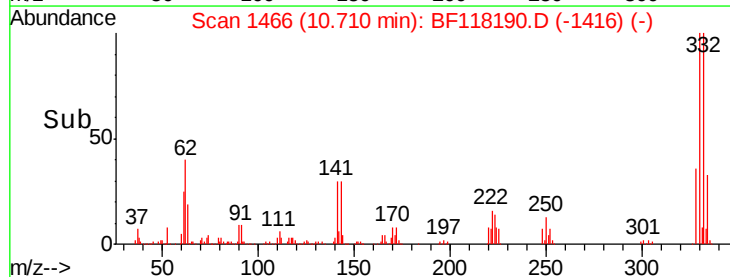
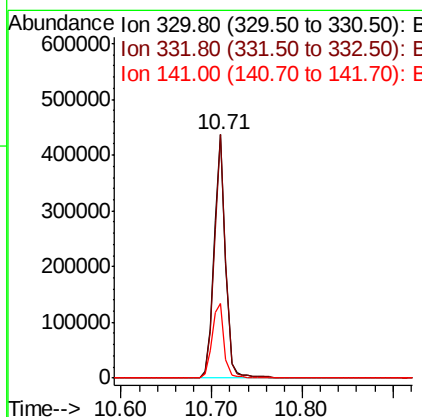
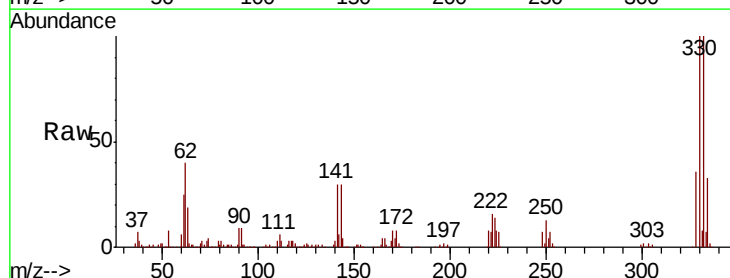
Instrument :
 BNA_F
 ClientSampleId :
 MW-03

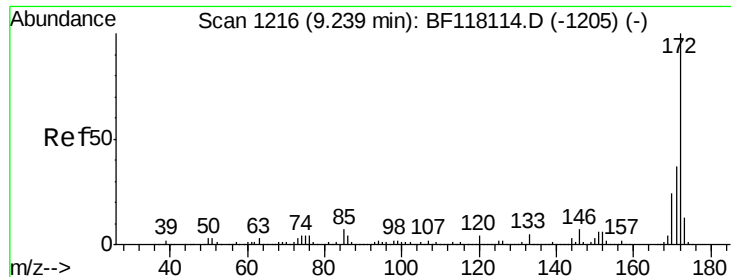
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.4	125.0
160	45.2	36.6	54.8



#42
 2,4,6-Tribromophenol
 Concen: 139.262 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118190.D
 Acq: 13 Dec 2019 17:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	78.1	117.1
141	32.9	26.9	40.3



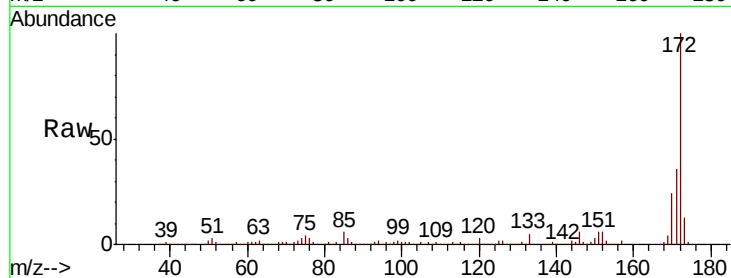


#45
 2-Fluorobiphenyl
 Concen: 86.715 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118190.D
 Acq: 13 Dec 2019 17:07

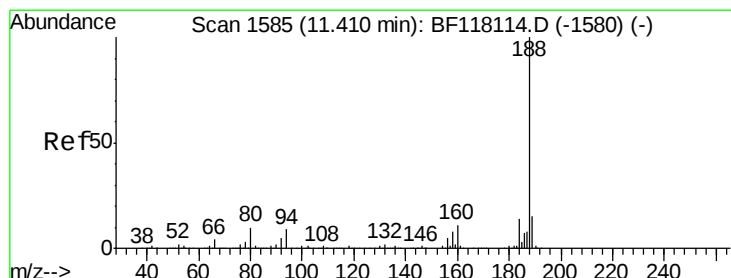
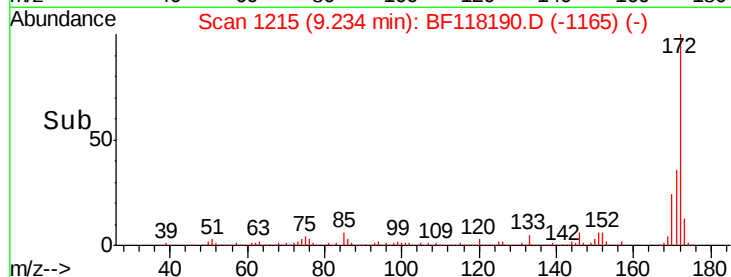
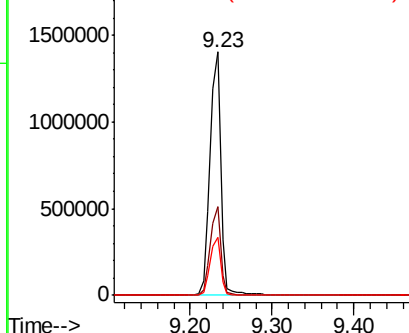
Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tot Ion:172 Resp: 1295309

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.8	19.4	29.2



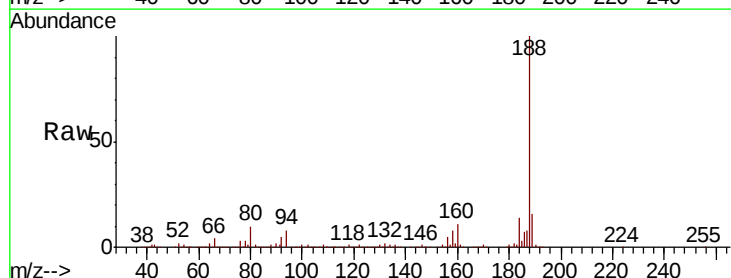
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



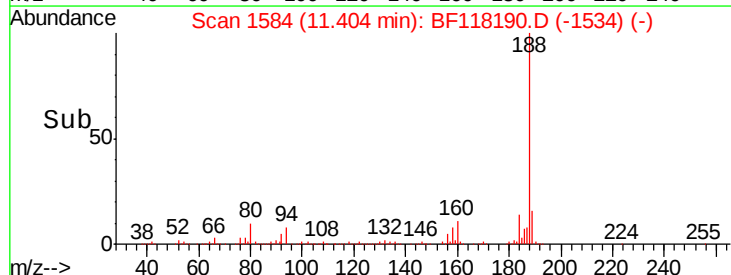
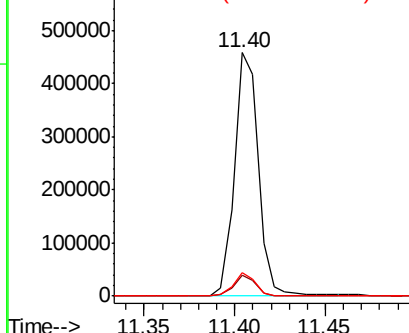
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118190.D
 Acq: 13 Dec 2019 17:07

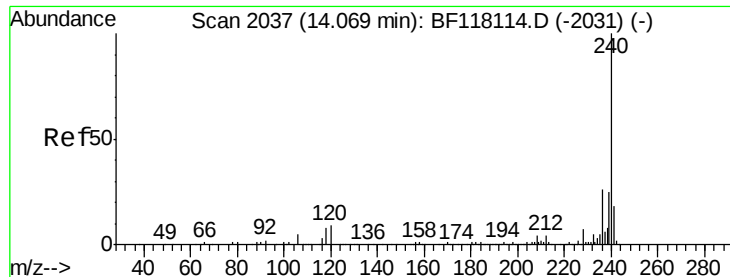
Tgt Ion:188 Resp: 421124

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.1	10.7
80	9.6	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





#76

Chrvsene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118190.D

Acq: 13 Dec 2019 17:07

Instrument :

BNA_F

ClientSampleId :

MW-03

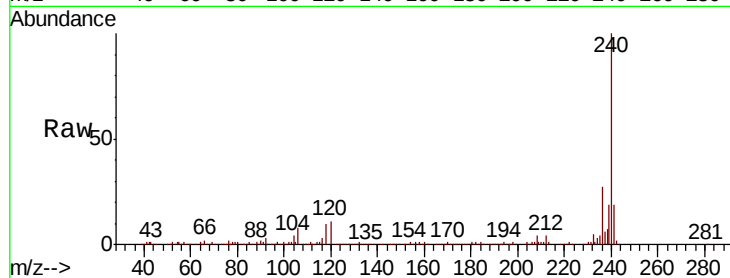
Tot Ion:240 Resp: 272834

Ion Ratio Lower Upper

240 100

120 10.7 7.1 10.7#

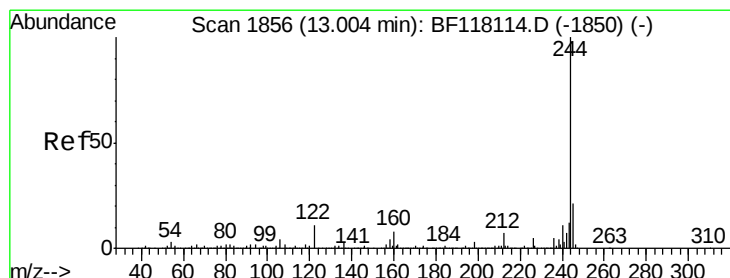
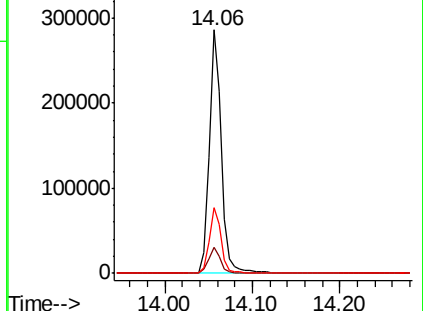
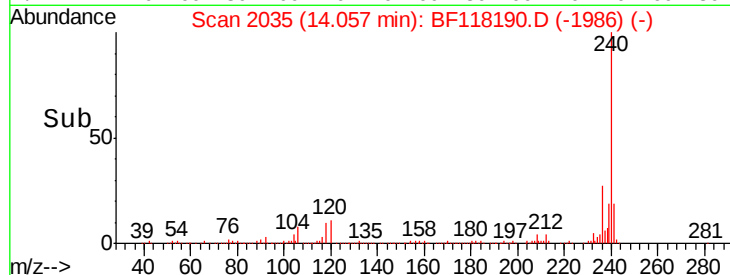
236 27.1 21.0 31.6



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



#79

Terphenyl-d14

Concen: 100.592 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118190.D

Acq: 13 Dec 2019 17:07

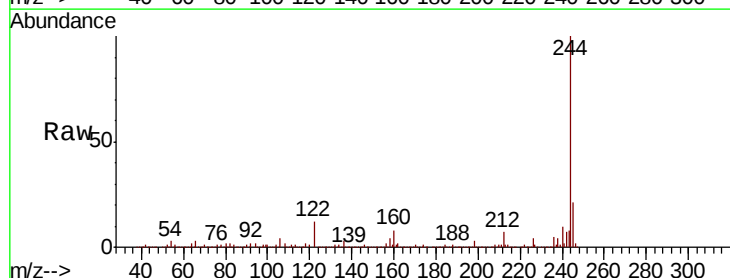
Tgt Ion:244 Resp: 1595984

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

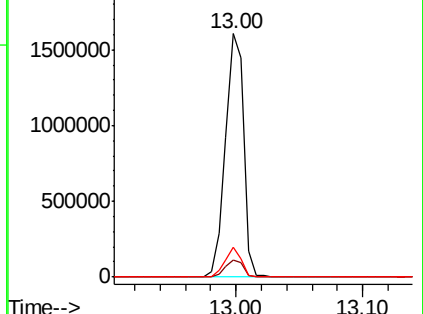
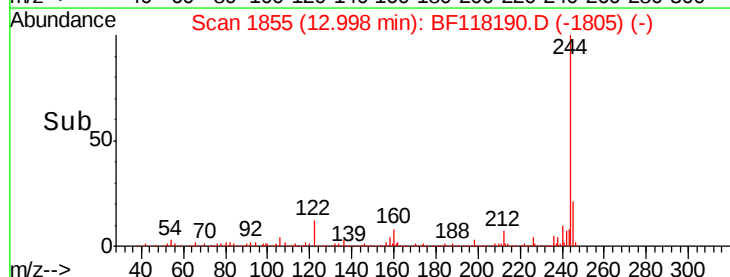
122 12.0 9.0 13.6

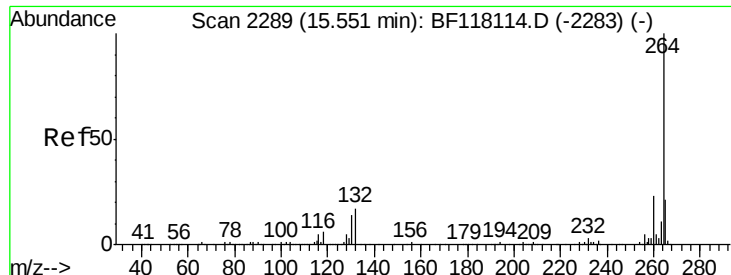


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BF118190.D
 Acq: 13 Dec 2019 17:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Tot Ion:264 Resp: 278710
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 22.0 16.8 25.2

