

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118189.D
 Acq On : 13 Dec 2019 16:39
 Operator : JU
 Sample : K6235-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Quant Time: Dec 21 04:55:40 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

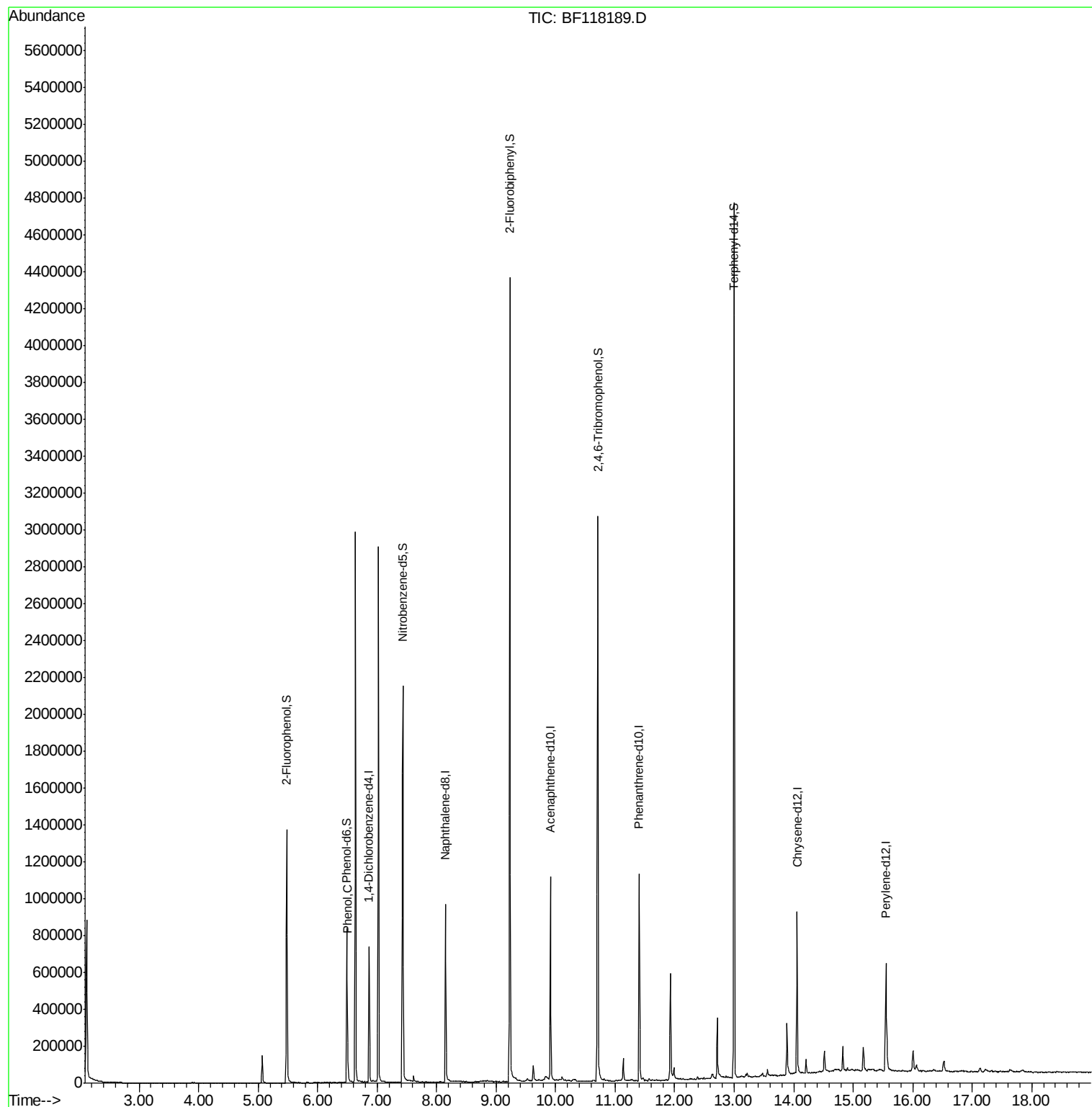
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	117915	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	450388	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	239778	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	444180	20.00	ng	0.00
76) Chrysene-d12	14.06	240	283469	20.00	ng	-0.01
87) Perylene-d12	15.55	264	278175	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	377921	56.13	ng	0.00
7) Phenol-d6	6.49	99	276306	33.93	ng	0.00
23) Nitrobenzene-d5	7.43	82	712868	89.04	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	399665	137.21	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1388821	88.14	ng	0.00
79) Terphenyl-d14	13.00	244	1720242	104.36	ng	0.00
Target Compounds						
10) Phenol	6.50	94	23857	2.569	ng	Qvalue 93

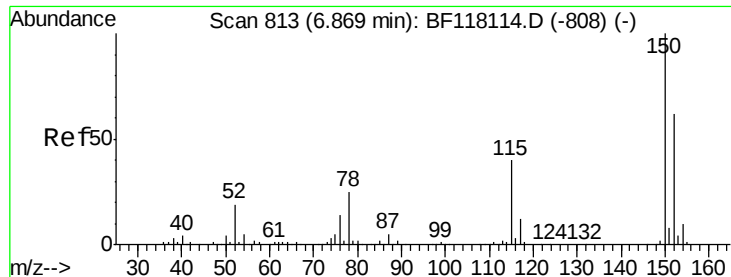
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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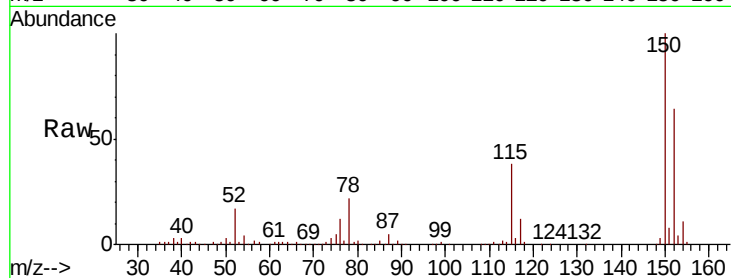


#1

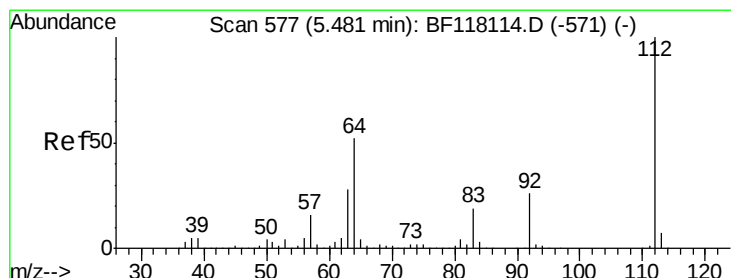
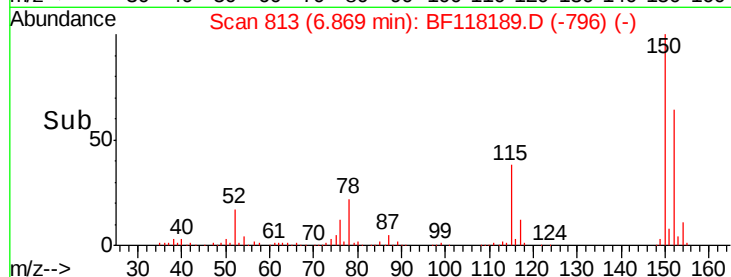
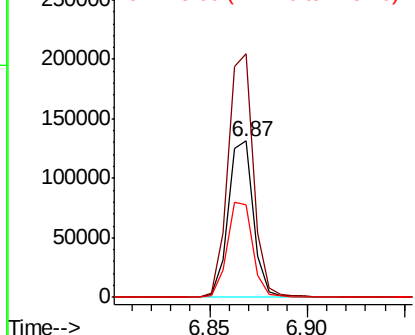
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118189.D
Acq: 13 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
MW-07

Tot Ion:152 Resp: 117915
Ion Ratio Lower Upper
152 100
150 155.7 128.3 192.5
115 58.9 51.1 76.7



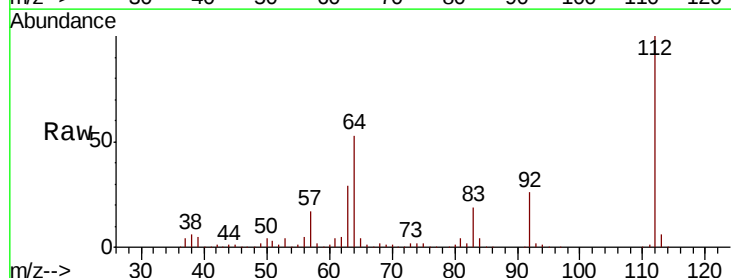
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



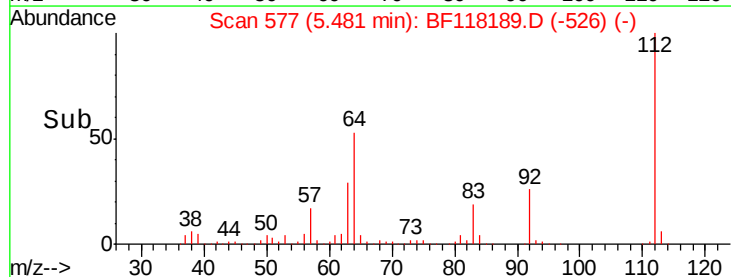
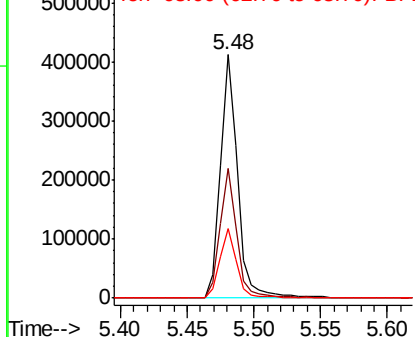
#5

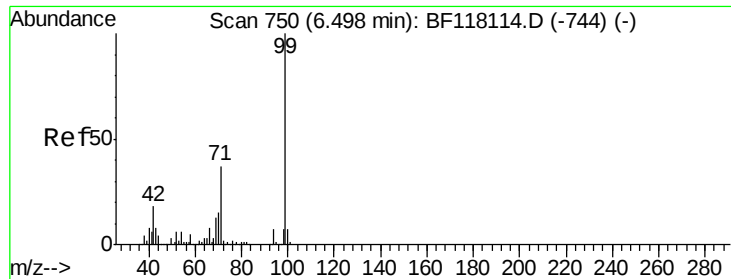
2-Fluorophenol
Concen: 56.135 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118189.D
Acq: 13 Dec 2019 16:39

Tgt Ion:112 Resp: 377921
Ion Ratio Lower Upper
112 100
64 53.1 41.3 61.9
63 28.6 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: 33.932 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118189.D

Acq: 13 Dec 2019 16:39

Instrument :

BNA_F

ClientSampled :

MW-07

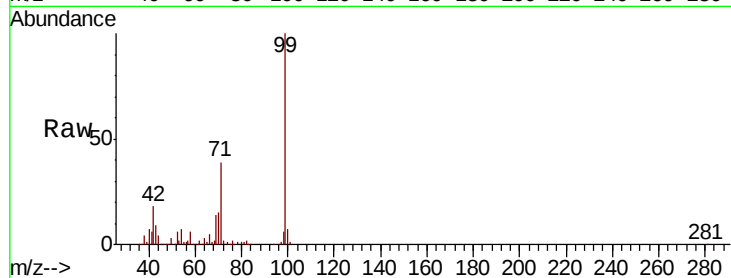
Tot Ion: 99 Resp: 276306

Ion Ratio Lower Upper

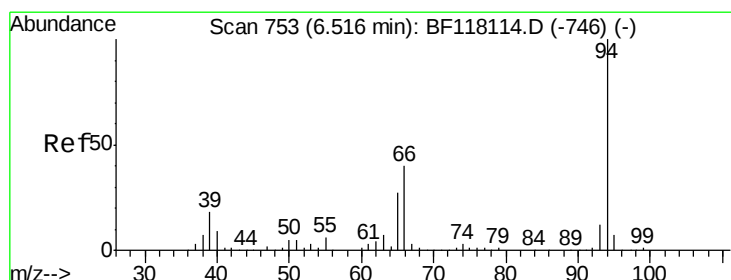
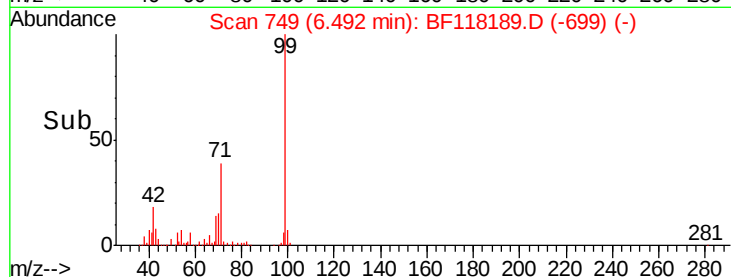
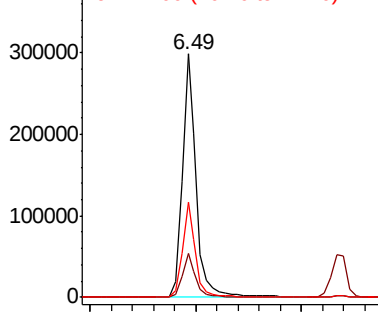
99 100

42 18.1 14.1 21.1

71 39.1 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: 2.569 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118189.D

Acq: 13 Dec 2019 16:39

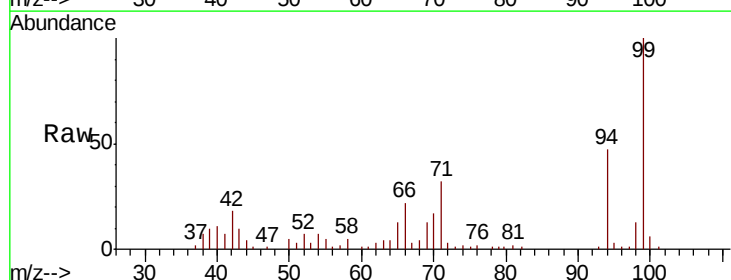
Tgt Ion: 94 Resp: 23857

Ion Ratio Lower Upper

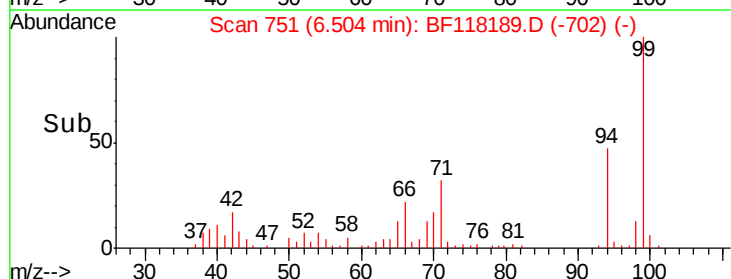
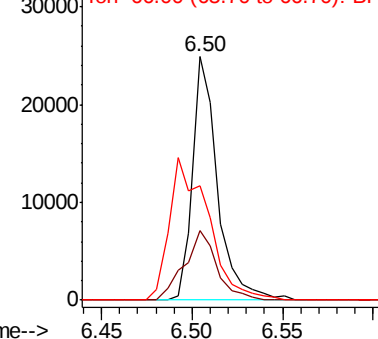
94 100

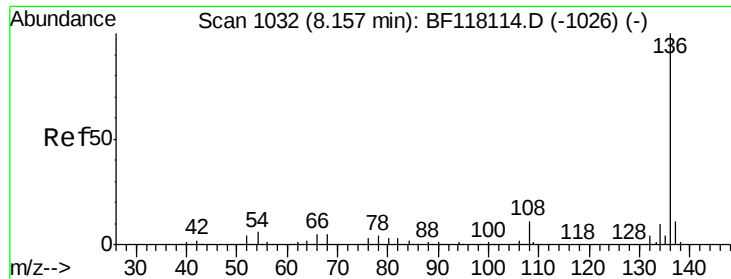
65 28.3 7.3 47.3

66 46.9 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

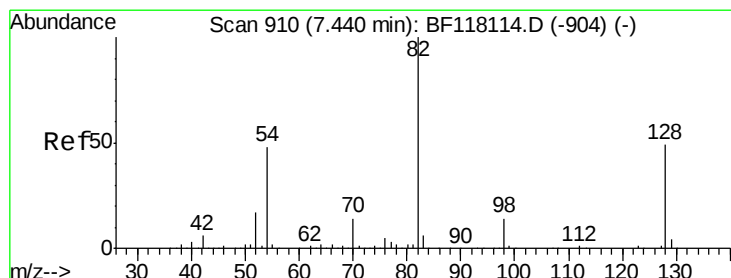
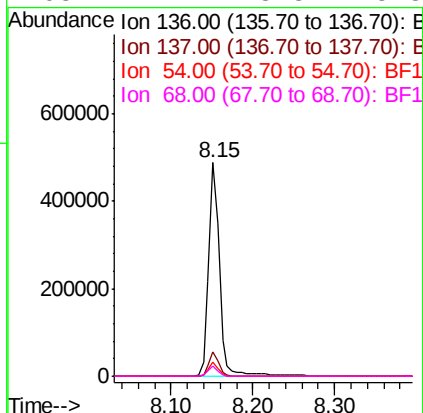
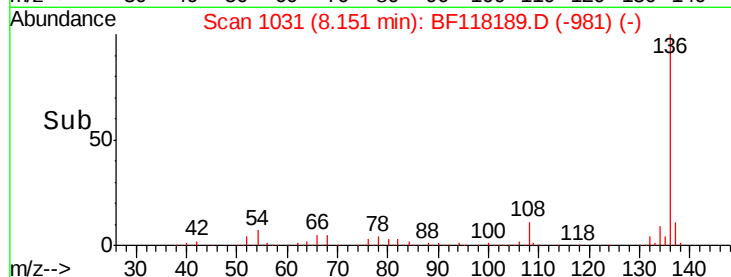
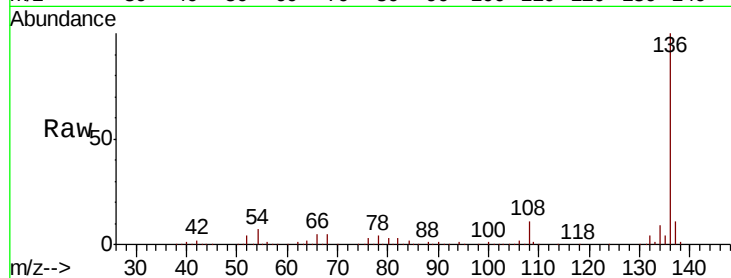




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118189.D
Acq: 13 Dec 2019 16:39

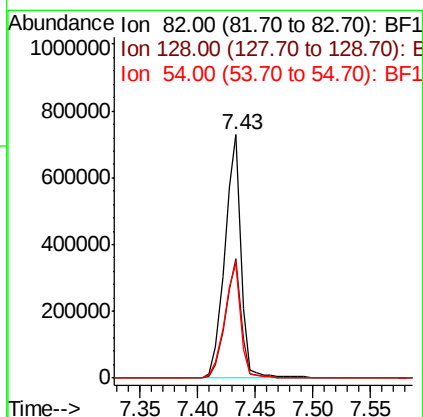
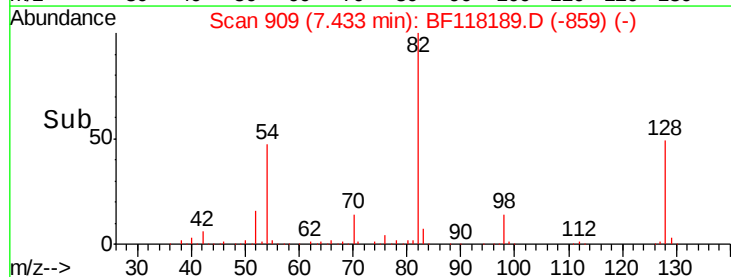
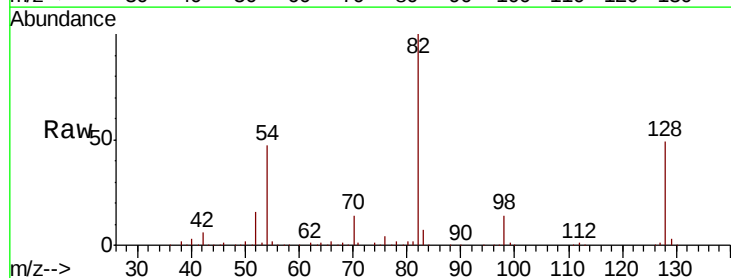
Instrument :
BNA_F
ClientSampleId :
MW-07

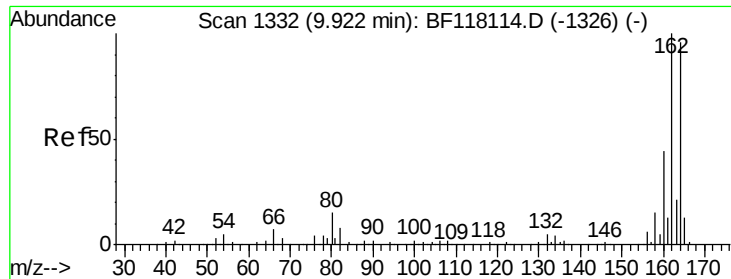
Tot Ion:136	Resp:	450388
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.0 13.6
54	6.5	5.0 7.6
68	4.7	3.8 5.8



#23
Nitrobenzene-d5
Concen: 89.044 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118189.D
Acq: 13 Dec 2019 16:39

Tgt Ion: 82	Resp:	712868
Ion Ratio	Lower	Upper
82	100	
128	49.1	39.1 58.7
54	47.1	38.2 57.2

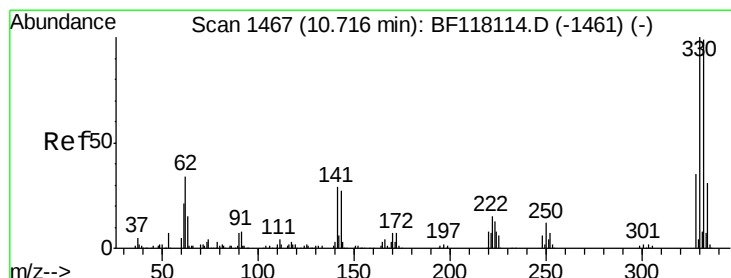
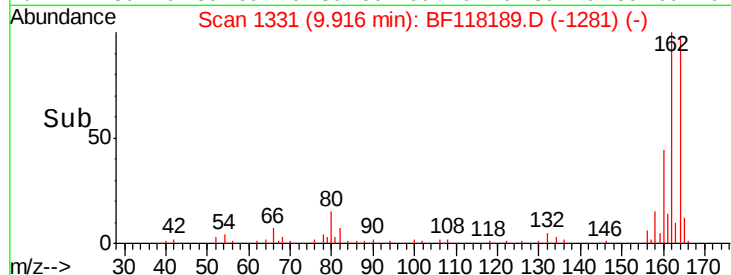
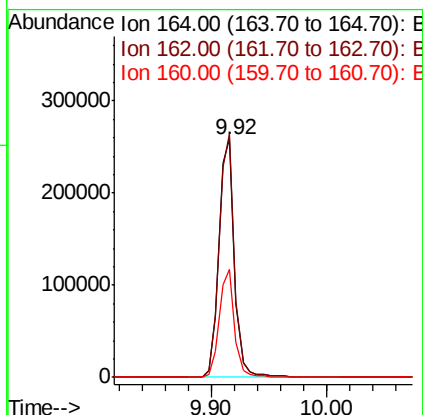
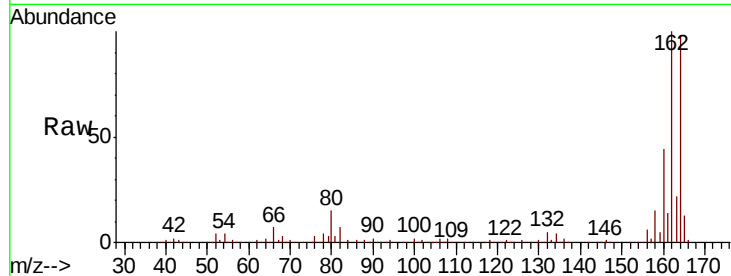




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118189.D
Acq: 13 Dec 2019 16:39

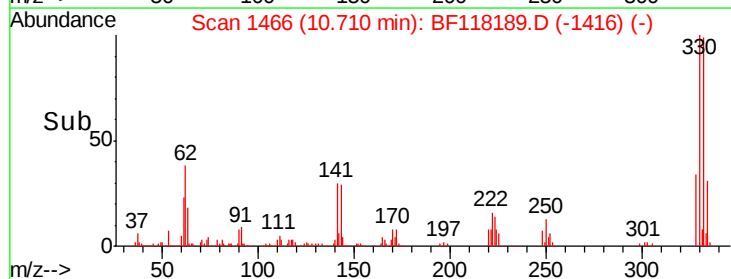
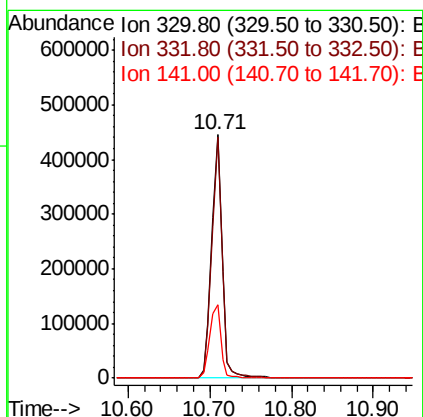
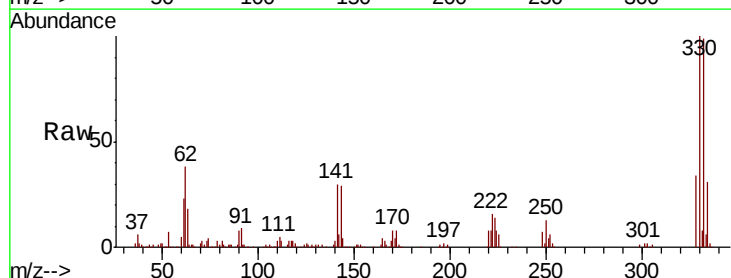
Instrument :
BNA_F
ClientSampleId :
MW-07

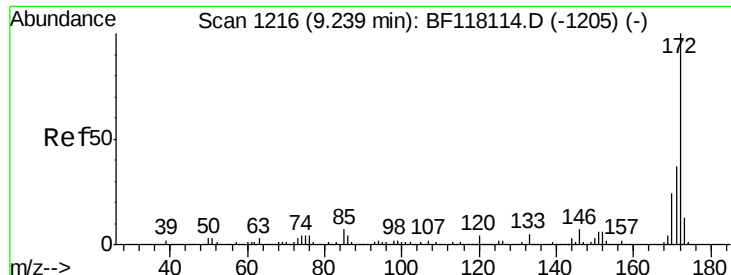
Tot Ion:164 Resp: 239778
Ion Ratio Lower Upper
164 100
162 102.3 83.4 125.0
160 45.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 137.207 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118189.D
Acq: 13 Dec 2019 16:39

Tgt Ion:330 Resp: 399665
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 32.5 26.9 40.3



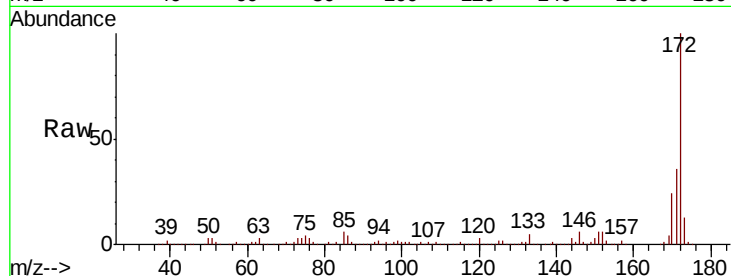


#45
 2-Fluorobiphenyl
 Concen: 88.135 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118189.D
 Acq: 13 Dec 2019 16:39

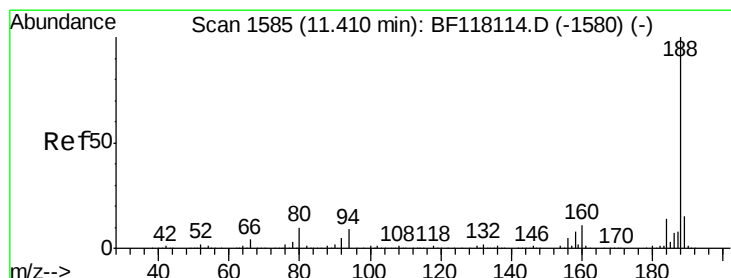
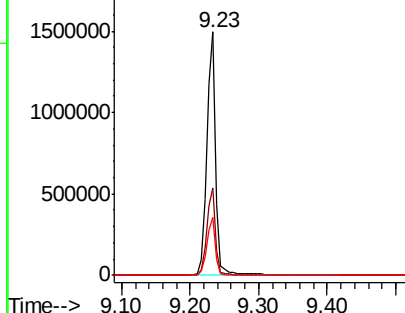
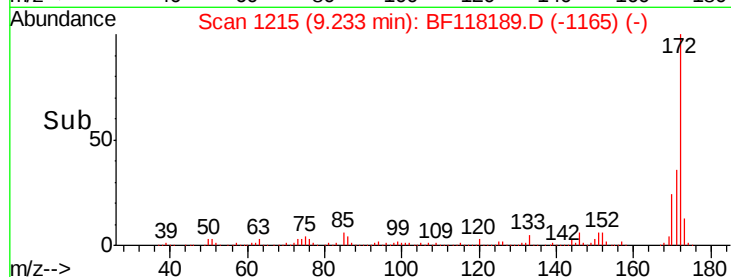
Instrument :
 BNA_F
 ClientSampleId :
 MW-07

Tot Ion:172 Resp: 1388821

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.8	19.4	29.2



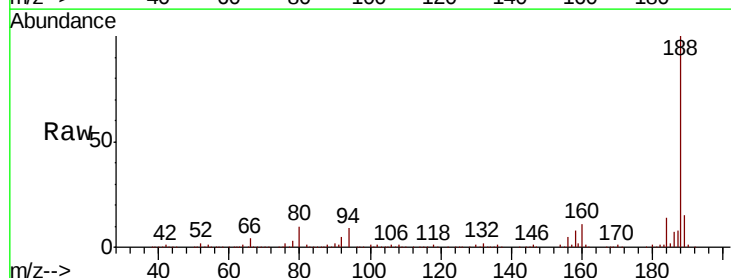
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



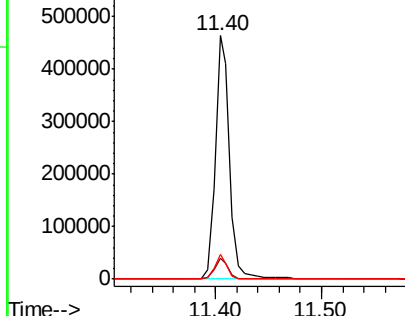
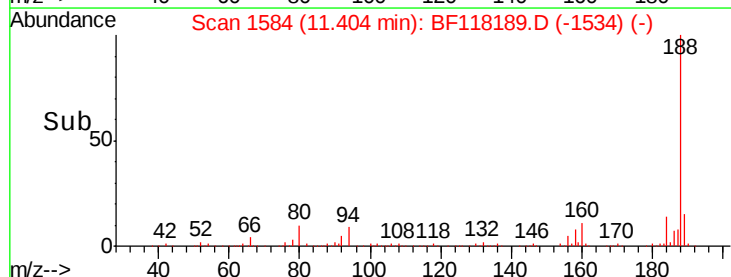
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF118189.D
 Acq: 13 Dec 2019 16:39

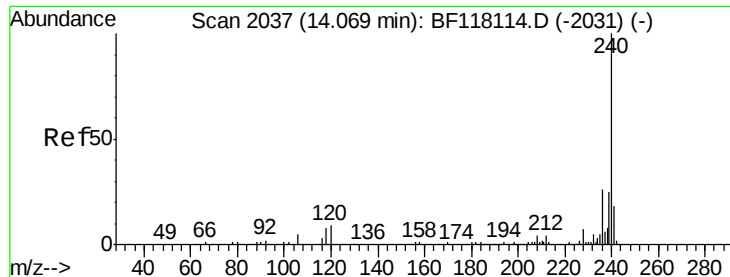
Tgt Ion:188 Resp: 444180

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	10.0	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

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF118189.D

Acq: 13 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

MW-07

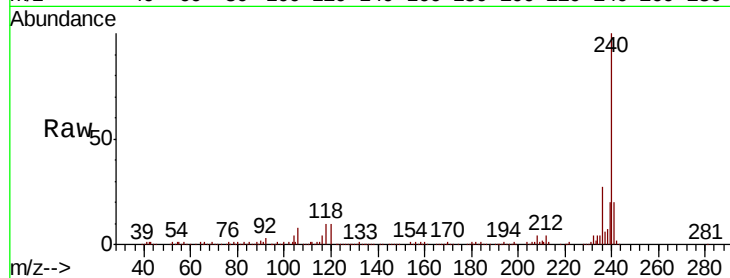
Tot Ion:240 Resp: 283469

Ion Ratio Lower Upper

240 100

120 10.2 7.1 10.7

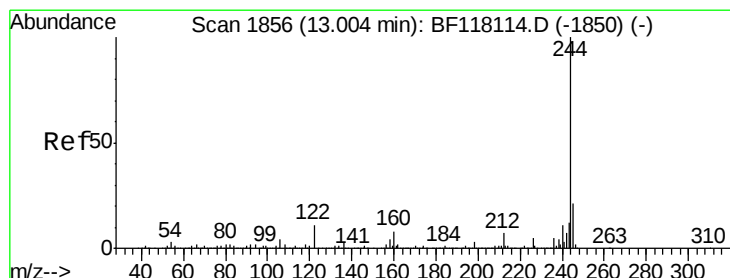
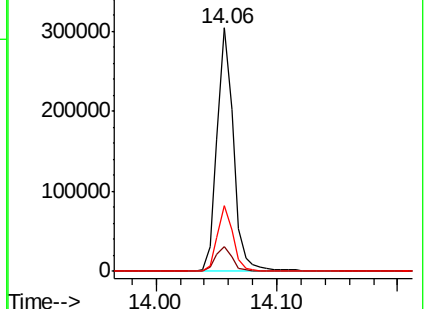
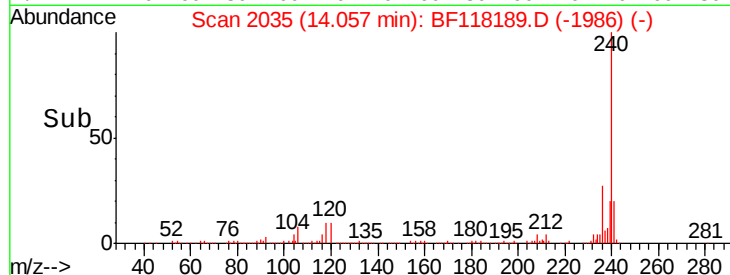
236 27.0 21.0 31.6



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: 104.356 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118189.D

Acq: 13 Dec 2019 16:39

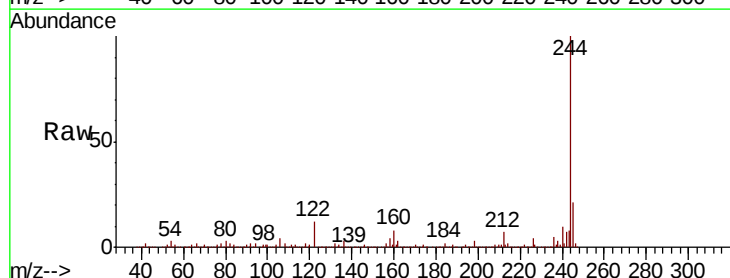
Tgt Ion:244 Resp: 1720242

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

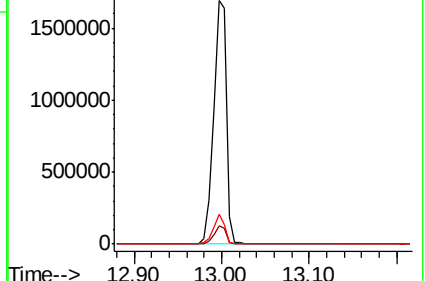
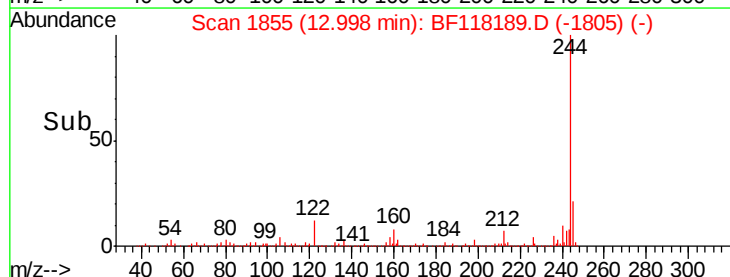
122 12.1 9.0 13.6

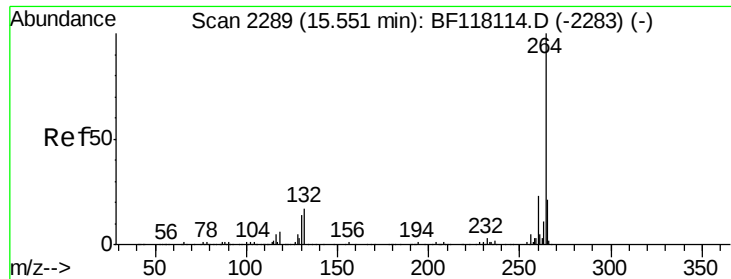


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF118189.D
Acq: 13 Dec 2019 16:39

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	20.7	16.8	25.2

