

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118188.D
 Acq On : 13 Dec 2019 16:11
 Operator : JU
 Sample : K6235-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Quant Time: Dec 13 23:15:19 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	123402	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	476288	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	245339	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	432942	20.00	ng	0.00
76) Chrysene-d12	14.06	240	260516	20.00	ng	-0.01
87) Perylene-d12	15.55	264	265405	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	396160	56.23	ng	0.00
7) Phenol-d6	6.49	99	300284	35.24	ng	0.00
23) Nitrobenzene-d5	7.43	82	723086	85.41	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	410341	137.68	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1416761	87.87	ng	0.00
79) Terphenyl-d14	13.00	244	1587995	104.82	ng	0.00

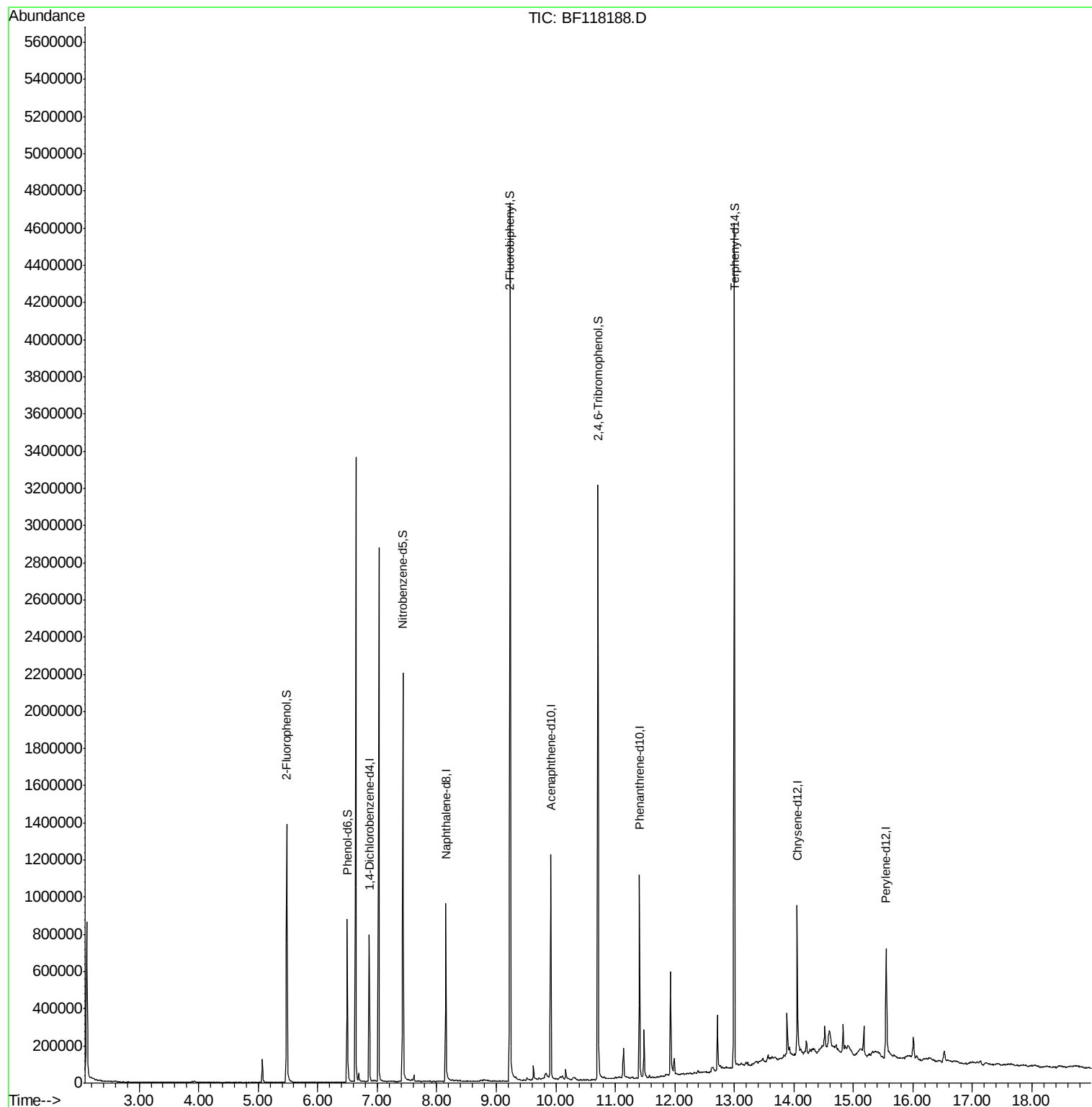
Target Compounds Qvalue

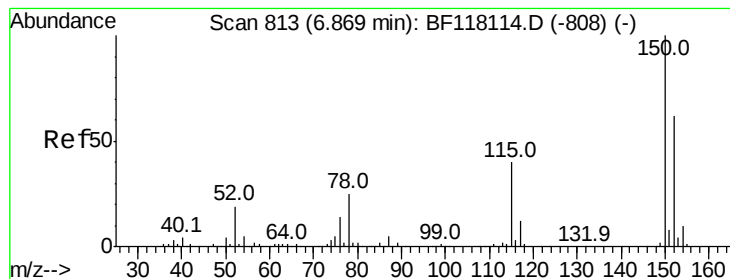
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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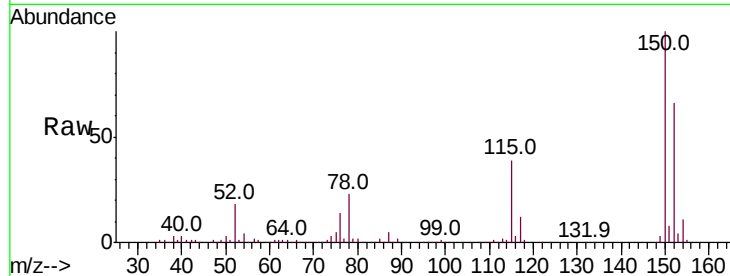


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118188.D
Acq: 13 Dec 2019 16:11

Instrument :
BNA_F
ClientSampleId :
MW-08

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	128.3	192.5
115	58.2	51.1	76.7

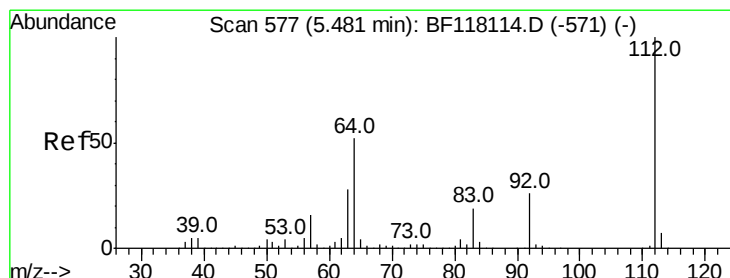
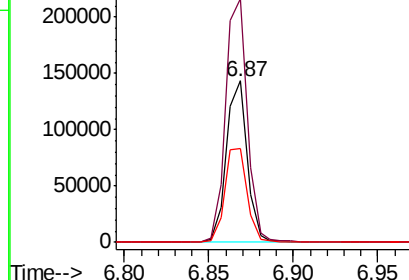
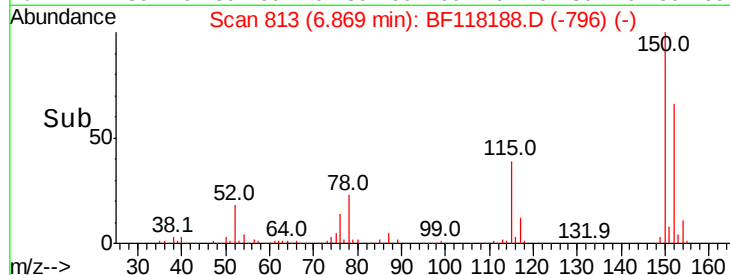


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

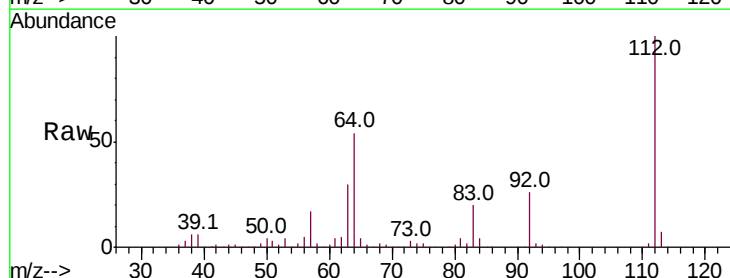
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 56.228 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118188.D
Acq: 13 Dec 2019 16:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	41.3	61.9
63	30.0	22.4	33.6

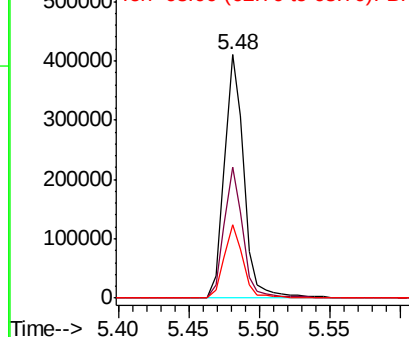
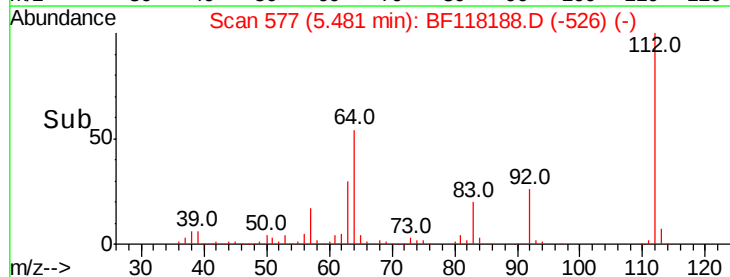


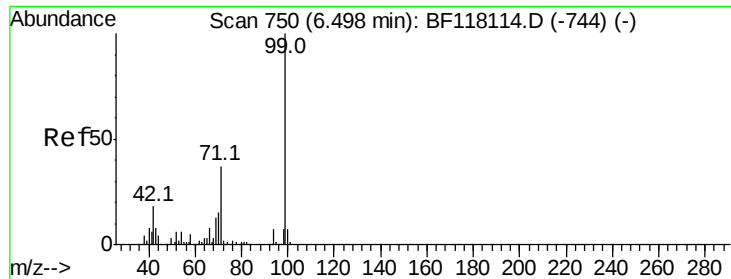
Abundance

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: 35.237 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118188.D

Acq: 13 Dec 2019 16:11

Instrument :

BNA_F

ClientSampleId :

MW-08

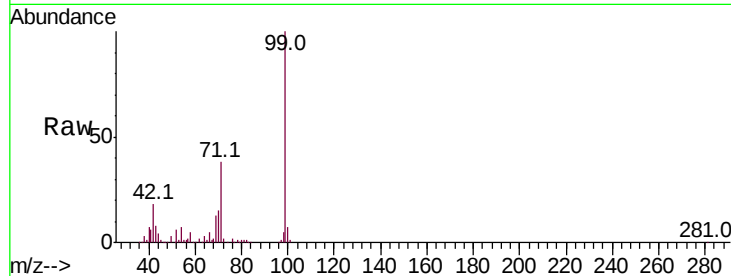
Tot Ion: 99 Resp: 300284

Ion Ratio Lower Upper

99 100

42 17.8 14.1 21.1

71 38.0 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

400000

300000

200000

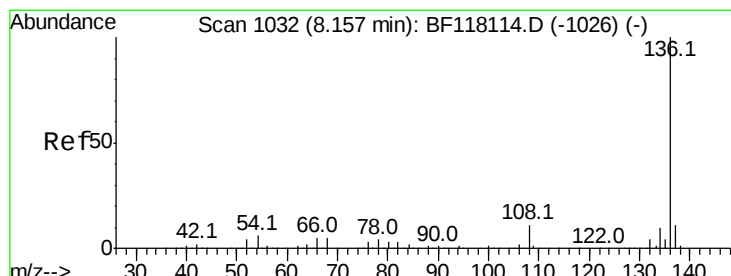
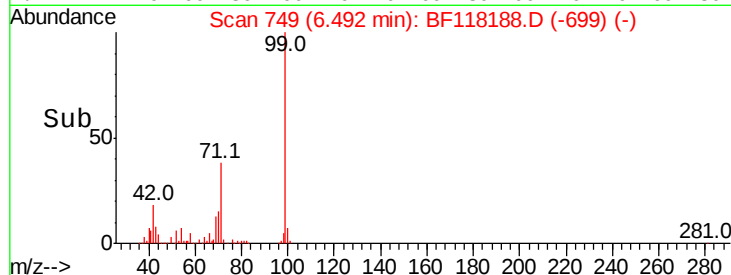
100000

0

6.49

6.40 6.50 6.60

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF118188.D

Acq: 13 Dec 2019 16:11

Tgt Ion: 136 Resp: 476288

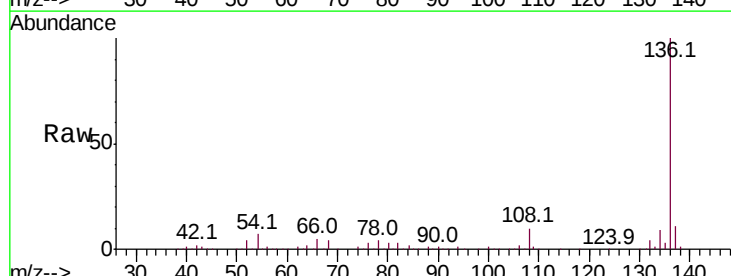
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 6.6 5.0 7.6

68 4.4 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

600000

400000

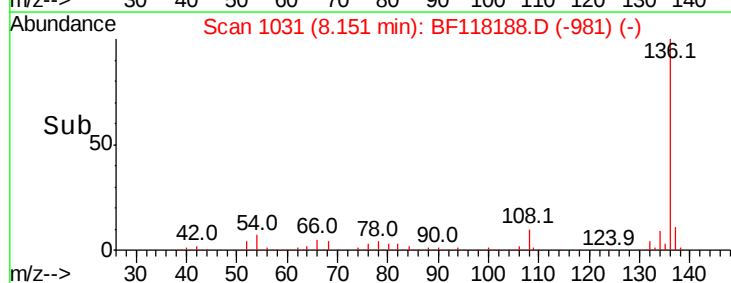
200000

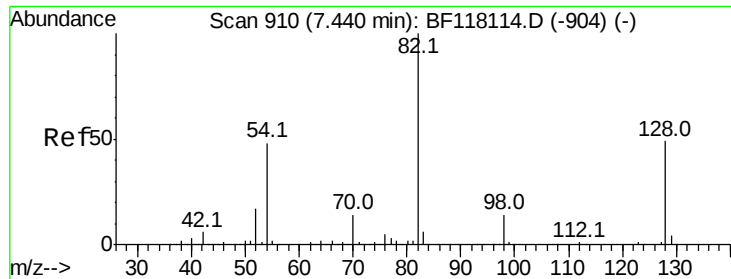
0

8.15

8.10 8.20 8.30

Time-->

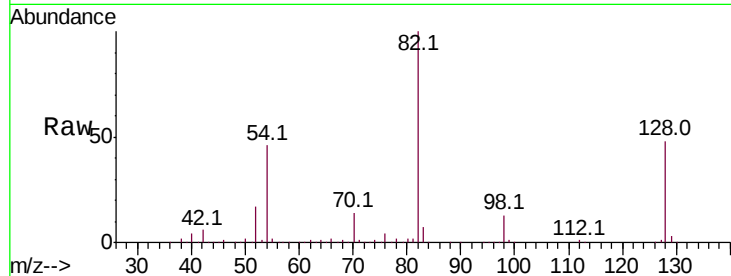




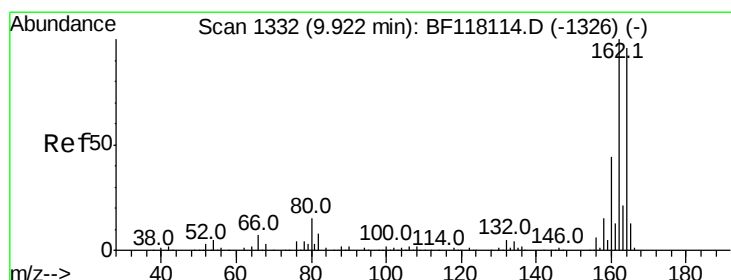
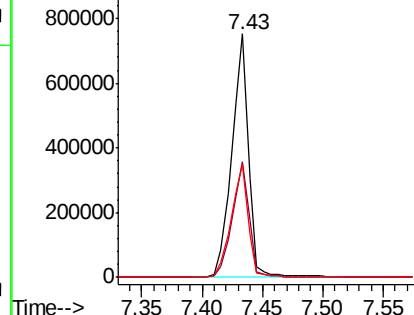
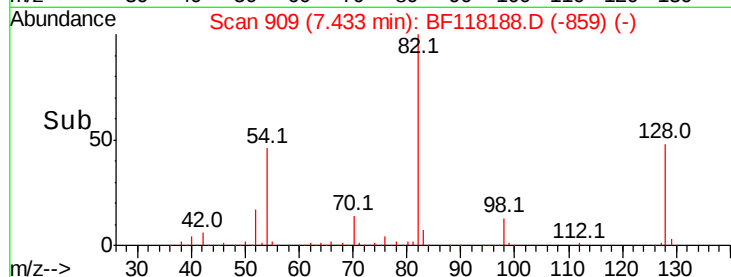
#23
 Nitrobenzene-d5
 Concen: 85.409 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118188.D
 Acq: 13 Dec 2019 16:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	39.1	58.7
54	46.3	38.2	57.2

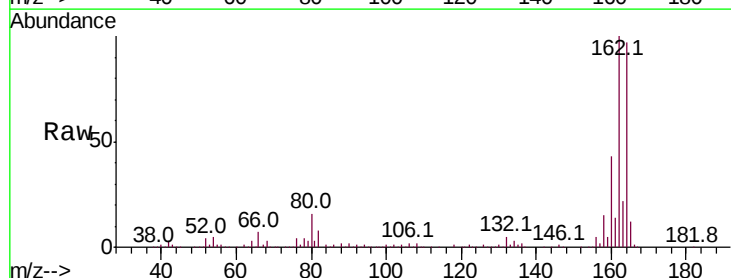


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

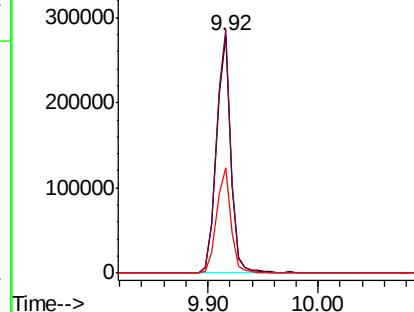
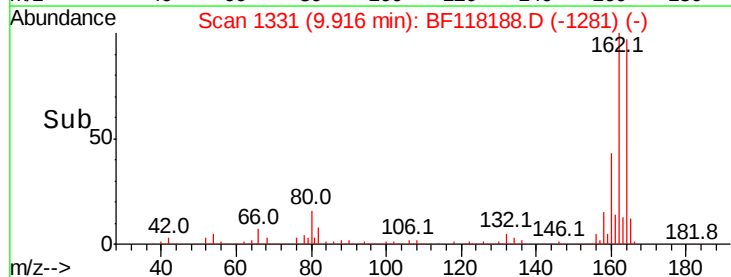


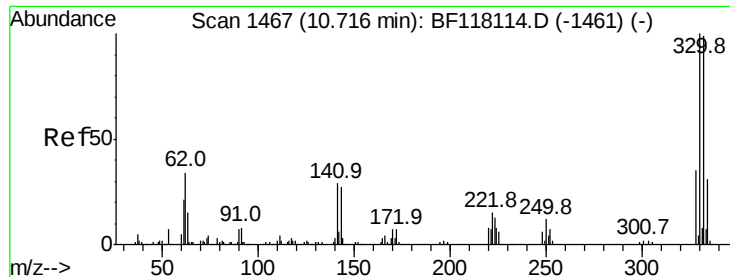
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118188.D
 Acq: 13 Dec 2019 16:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.4	125.0
160	44.5	36.6	54.8



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

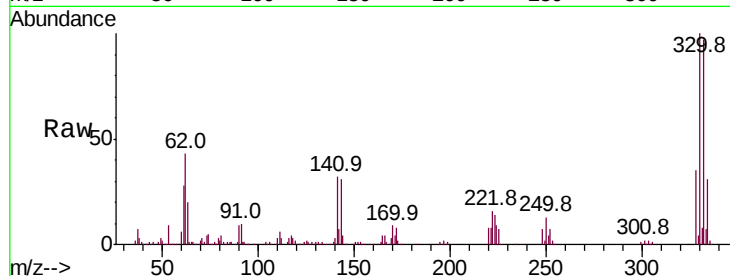




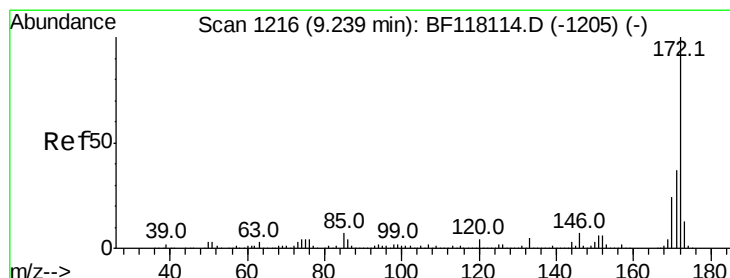
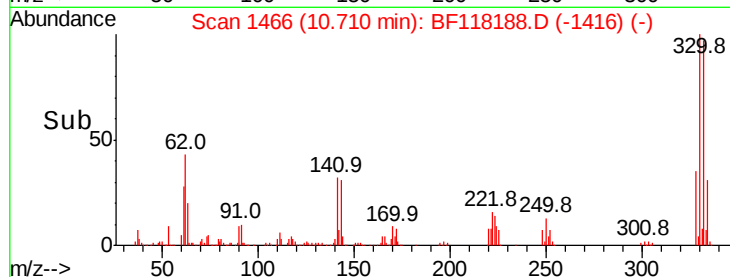
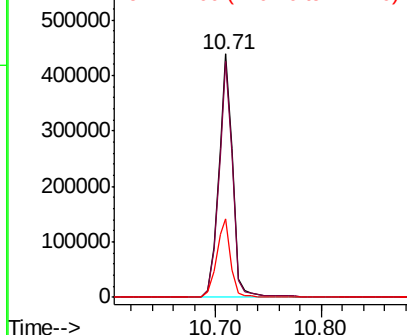
#42
 2,4,6-Tribromophenol
 Concen: 137.679 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118188.D
 Acq: 13 Dec 2019 16:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Tot Ion:330 Resp: 410341
 Ion Ratio Lower Upper
 330 100
 332 96.5 78.1 117.1
 141 32.6 26.9 40.3

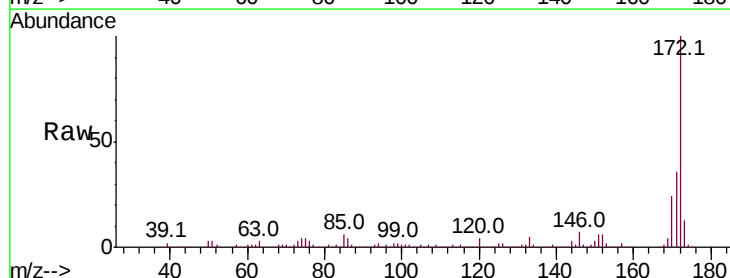


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

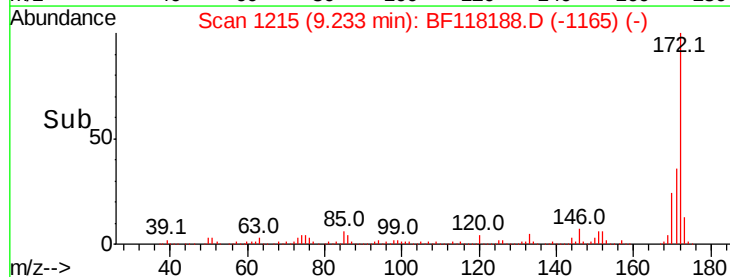
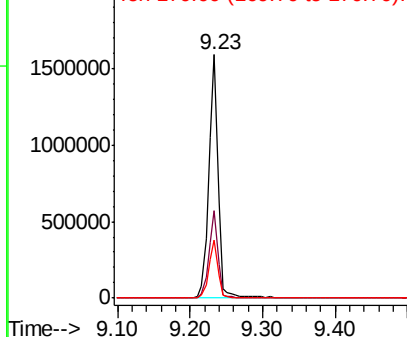


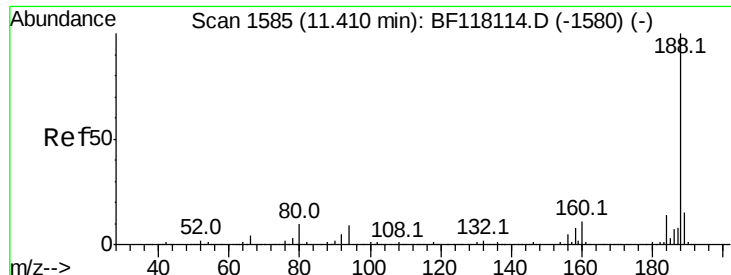
#45
 2-Fluorobiphenyl
 Concen: 87.871 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118188.D
 Acq: 13 Dec 2019 16:11

Tgt Ion:172 Resp: 1416761
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 24.0 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

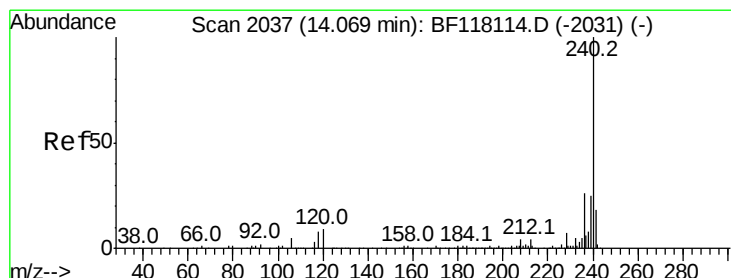
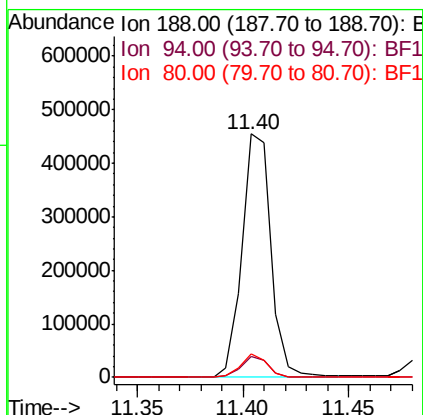
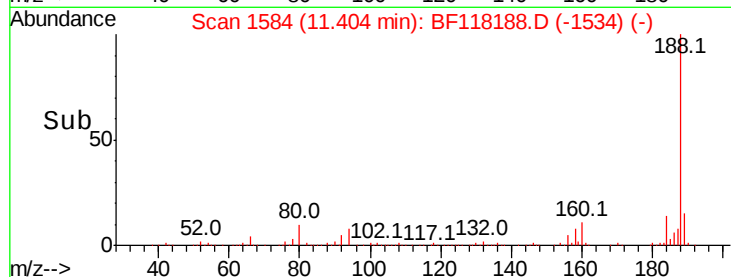
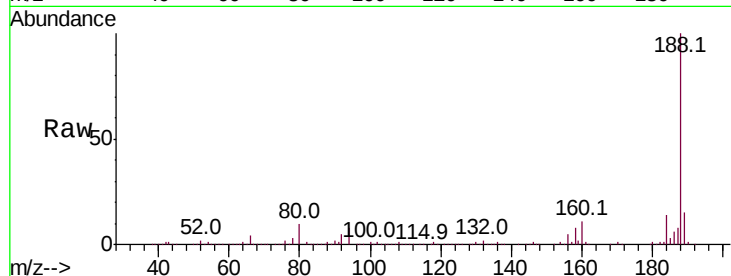




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118188.D
Acq: 13 Dec 2019 16:11

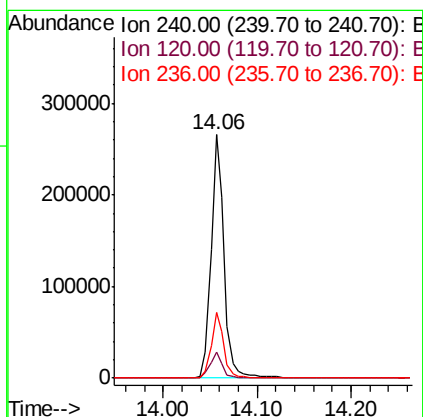
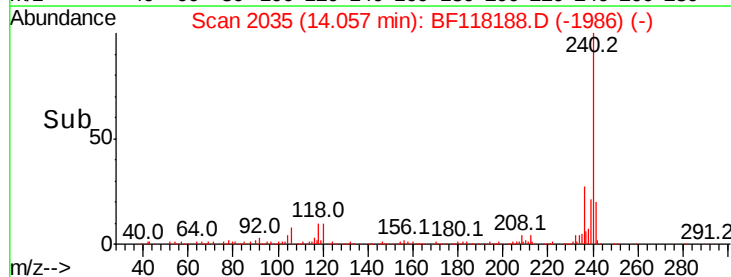
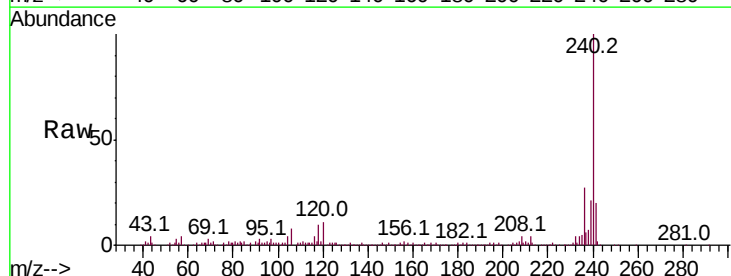
Instrument :
BNA_F
ClientSampleId :
MW-08

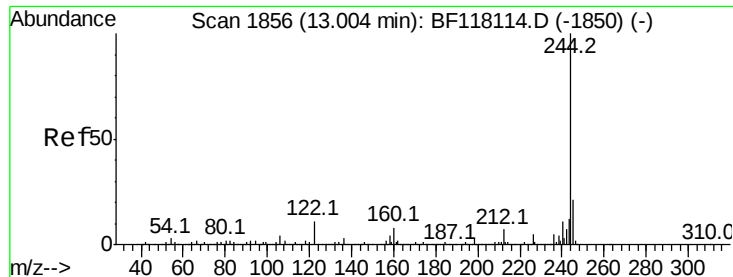
Tot Ion:188 Resp: 432942
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.6 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF118188.D
Acq: 13 Dec 2019 16:11

Tgt Ion:240 Resp: 260516
Ion Ratio Lower Upper
240 100
120 10.6 7.1 10.7
236 27.2 21.0 31.6





#79

Terphenyl-d14

Concen: 104.821 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118188.D

Acq: 13 Dec 2019 16:11

Instrument :

BNA_F

ClientSampleId :

MW-08

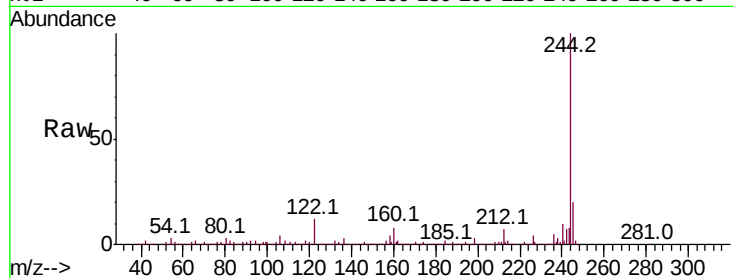
Tot Ion:244 Resp: 1587995

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

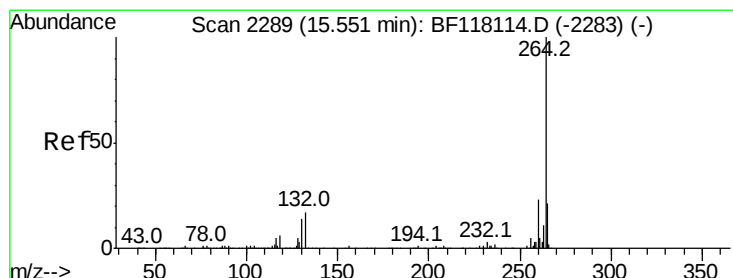
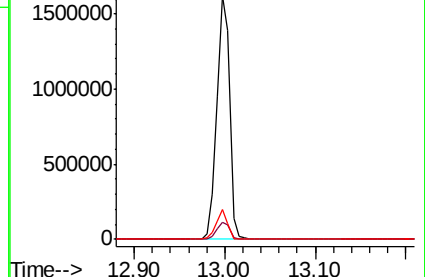
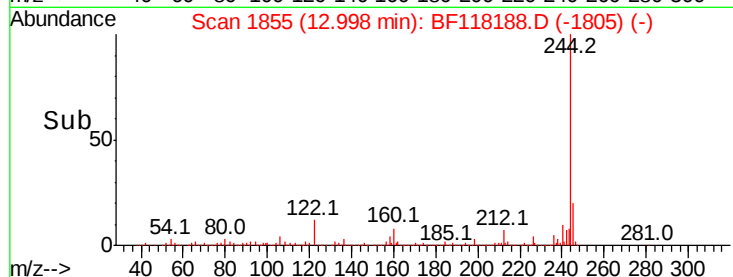
122 12.2 9.0 13.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BF118188.D

Acq: 13 Dec 2019 16:11

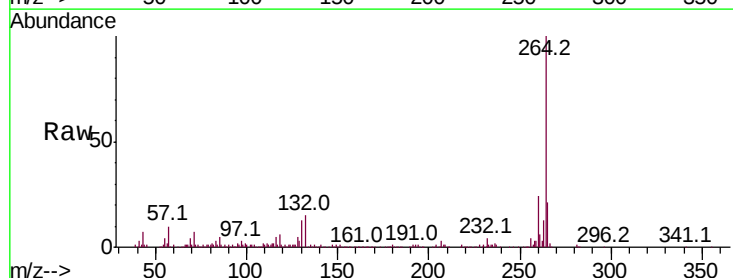
Tgt Ion:264 Resp: 265405

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 20.9 16.8 25.2



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

