

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121719\
 Data File : BF118241.D
 Acq On : 17 Dec 2019 22:12
 Operator : JU
 Sample : K6324-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-10

Quant Time: Dec 18 06:22:09 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

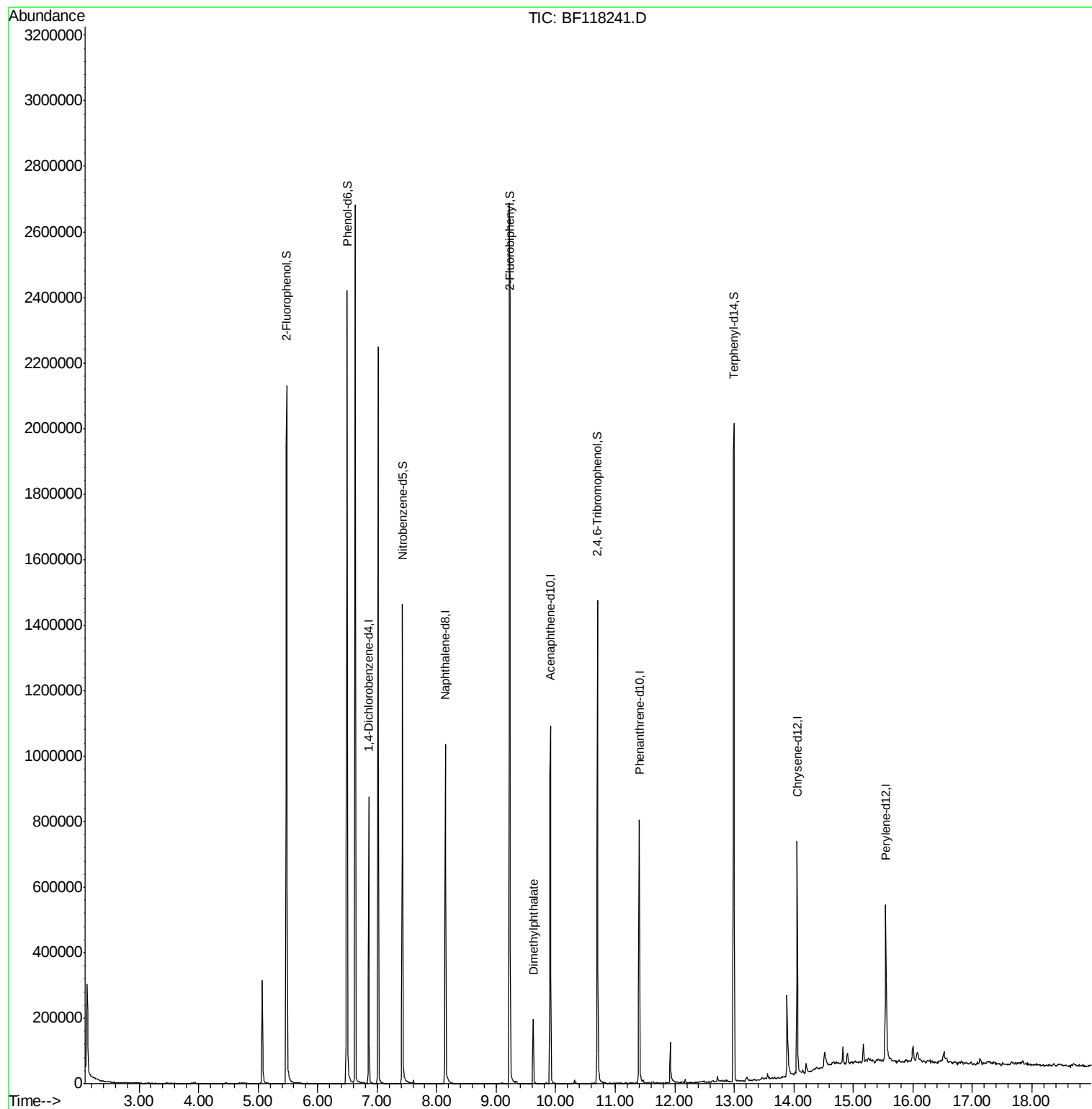
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125105	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	474689	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	225570	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	349784	20.00	ng	0.00
76) Chrysene-d12	14.06	240	260460	20.00	ng	-0.01
87) Perylene-d12	15.54	264	214893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	652132	91.30	ng	0.00
7) Phenol-d6	6.49	99	814947	94.33	ng	0.00
23) Nitrobenzene-d5	7.42	82	480244	56.92	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	201125	73.40	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	856980	57.81	ng	-0.02
79) Terphenyl-d14	12.99	244	726558	47.97	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.62	163	97701	5.864	ng	Qvalue 100

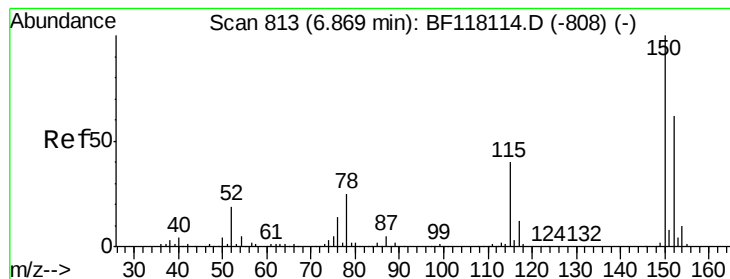
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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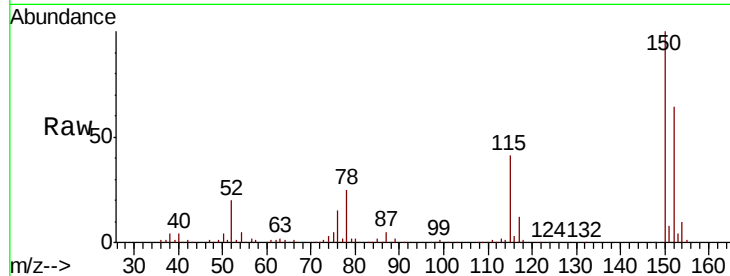


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF118241.D
 Acq: 17 Dec 2019 22:12

Instrument :
 BNA_F
 ClientSampleId :
 EP-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	128.3	192.5
115	63.7	51.1	76.7

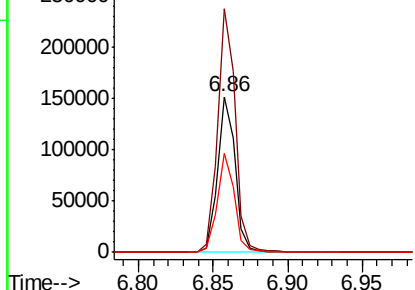
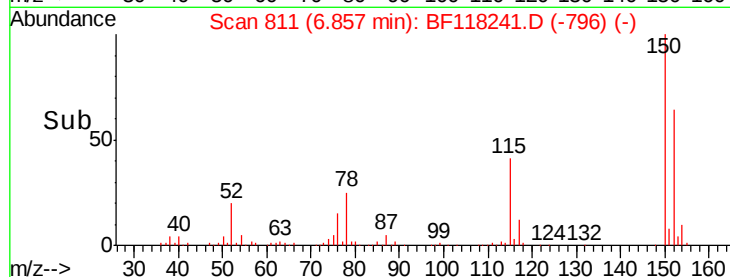


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

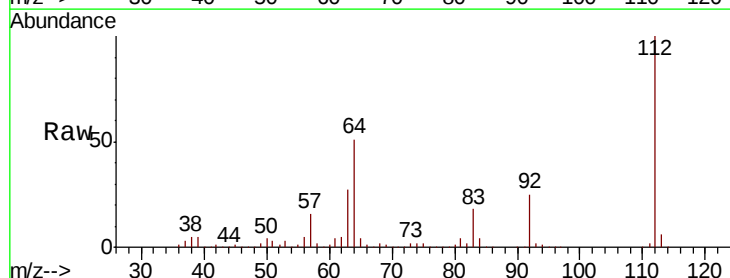
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 91.298 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF118241.D
 Acq: 17 Dec 2019 22:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.9	41.3	61.9
63	27.3	22.4	33.6

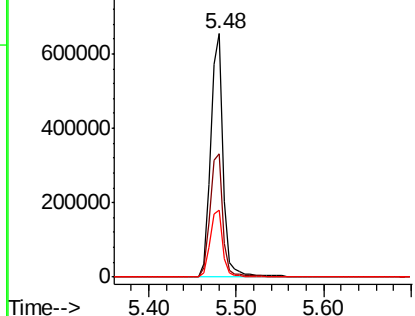
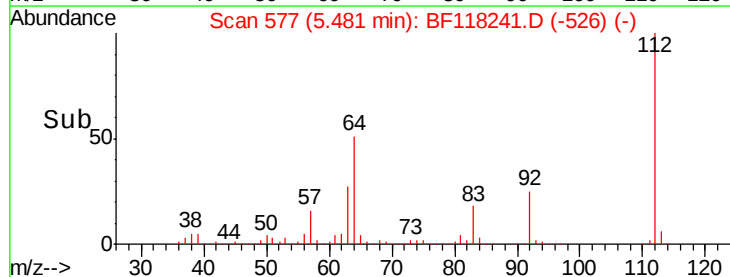


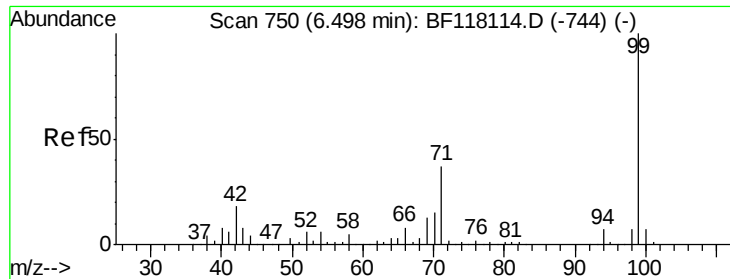
Abundance

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: 94.328 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118241.D

Acq: 17 Dec 2019 22:12

Instrument :

BNA_F

ClientSampled :

EP-10

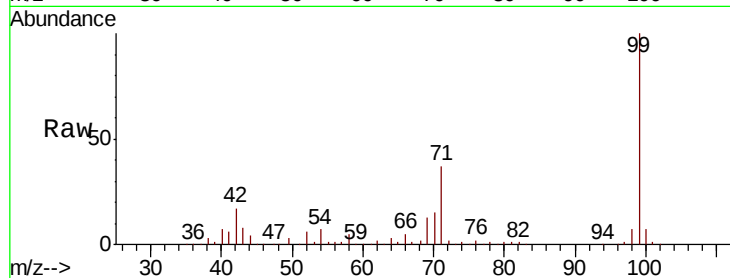
Tot Ion: 99 Resp: 814947

Ion Ratio Lower Upper

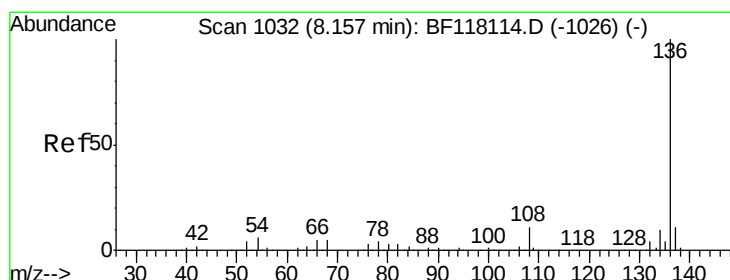
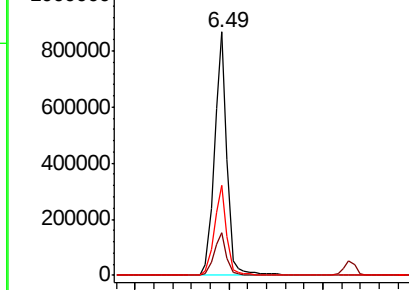
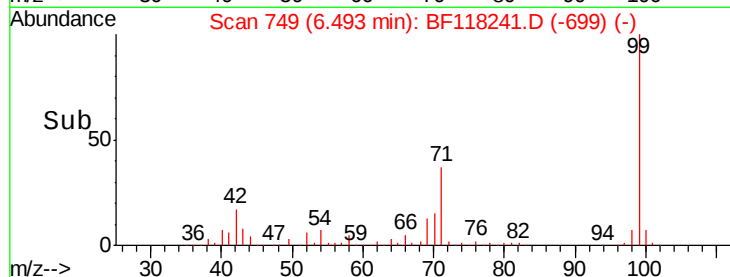
99 100

42 17.4 14.1 21.1

71 37.2 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118241.D

Acq: 17 Dec 2019 22:12

Tgt Ion: 136 Resp: 474689

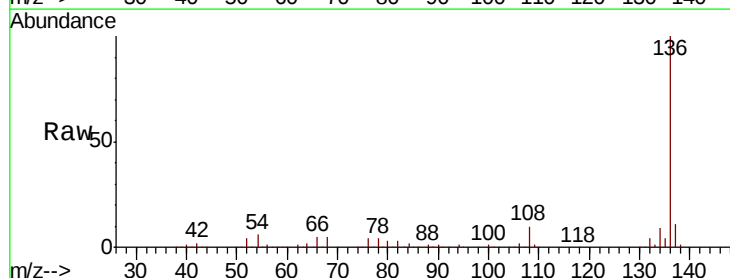
Ion Ratio Lower Upper

136 100

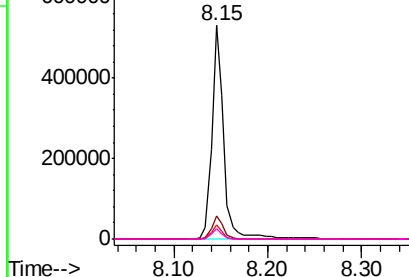
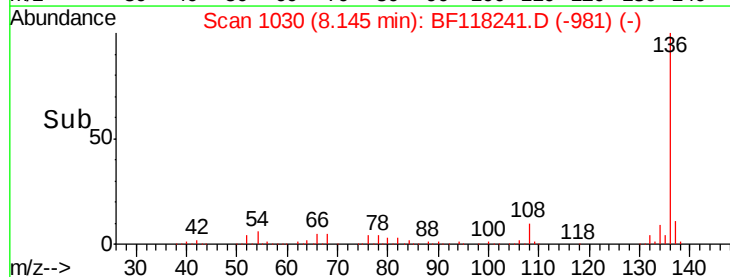
137 11.1 9.0 13.6

54 6.4 5.0 7.6

68 4.7 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

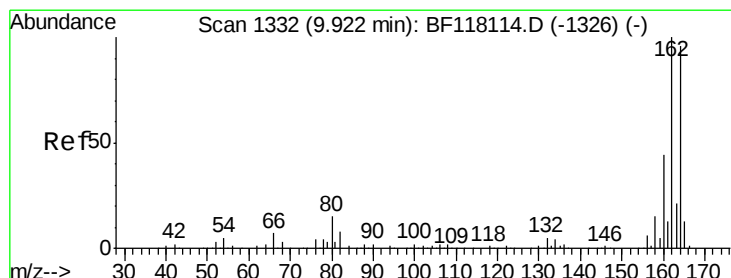
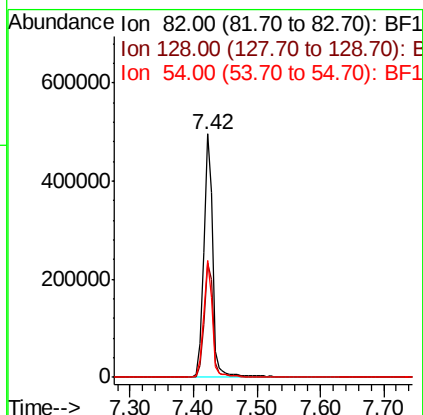
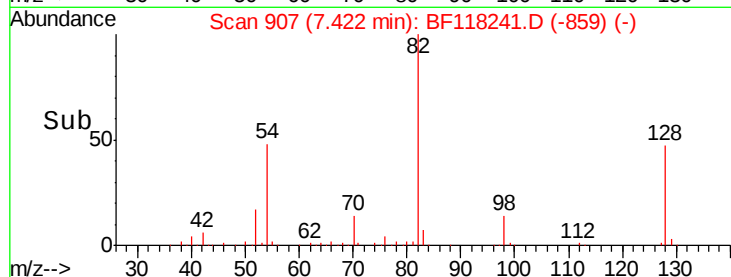
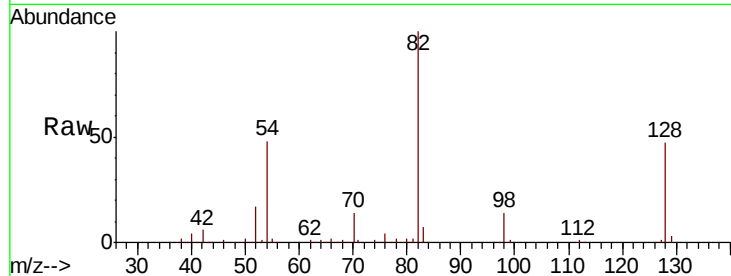




#23
 Nitrobenzene-d5
 Concen: 56.916 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF118241.D
 Acq: 17 Dec 2019 22:12

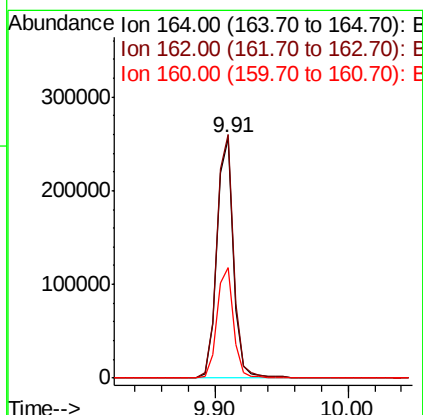
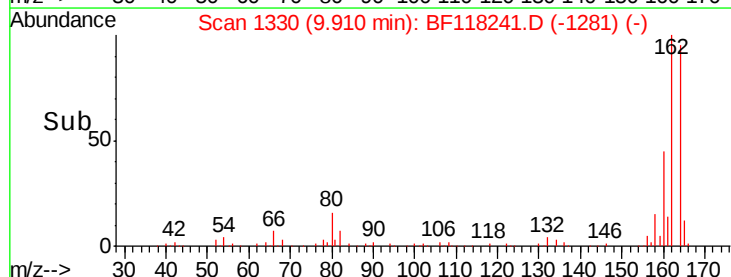
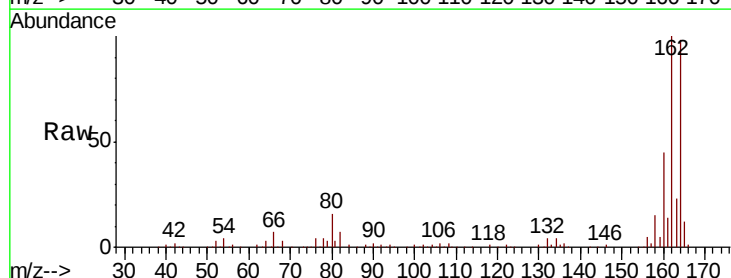
Instrument :
 BNA_F
 ClientSampleId :
 EP-10

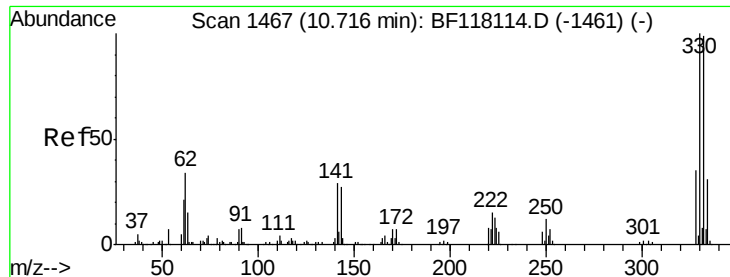
Tot Ion: 82 Resp: 480244
 Ion Ratio Lower Upper
 82 100
 128 47.1 39.1 58.7
 54 47.9 38.2 57.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF118241.D
 Acq: 17 Dec 2019 22:12

Tgt Ion:164 Resp: 225570
 Ion Ratio Lower Upper
 164 100
 162 101.6 83.4 125.0
 160 45.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 73.396 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118241.D

Acq: 17 Dec 2019 22:12

Instrument :

BNA_F

ClientSampled :

EP-10

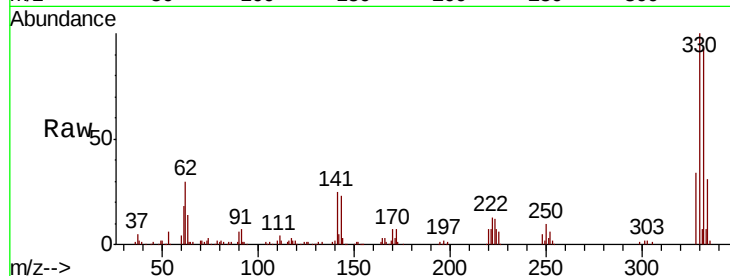
Tot Ion:330 Resp: 201125

Ion Ratio Lower Upper

330 100

332 95.6 78.1 117.1

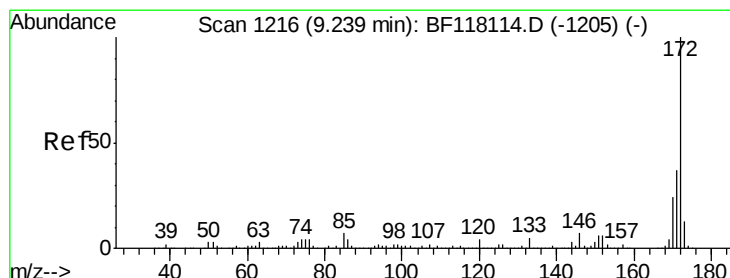
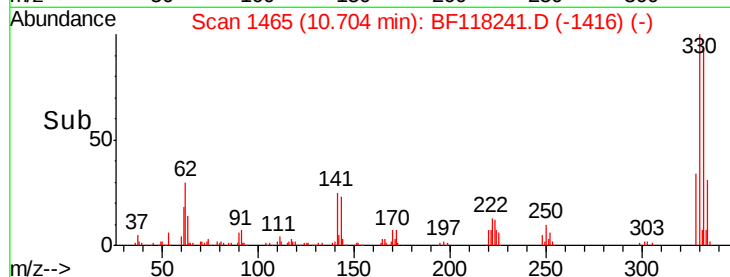
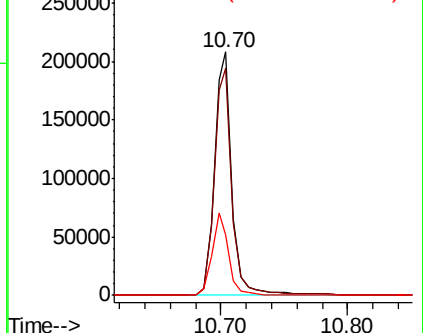
141 32.6 26.9 40.3



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: 57.810 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BF118241.D

Acq: 17 Dec 2019 22:12

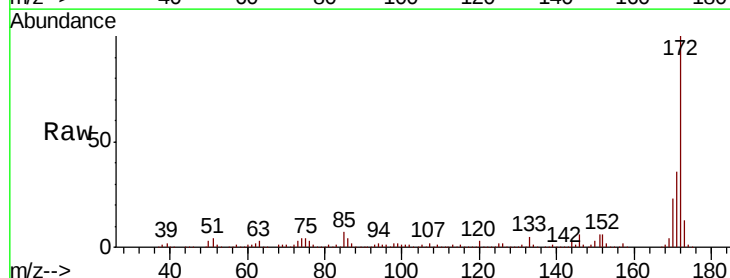
Tgt Ion:172 Resp: 856980

Ion Ratio Lower Upper

172 100

171 35.9 29.2 43.8

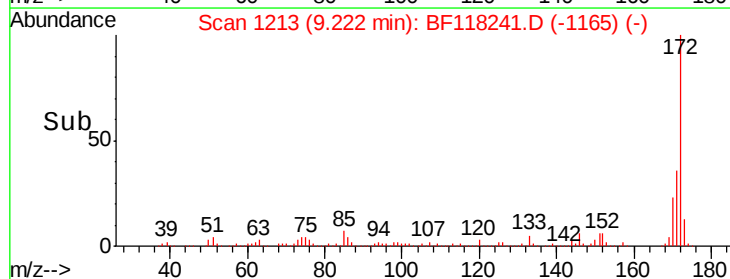
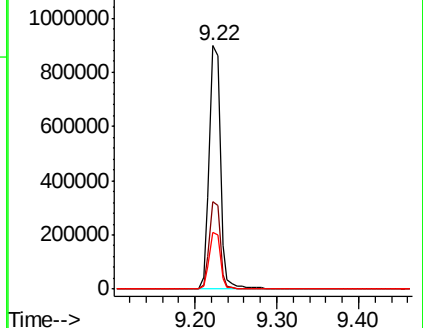
170 23.4 19.4 29.2

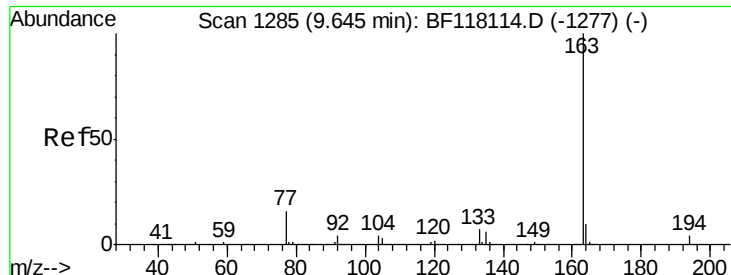


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

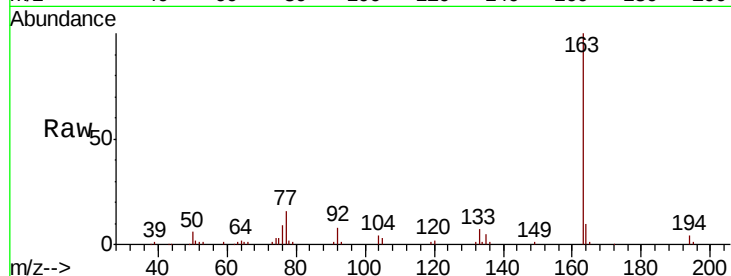




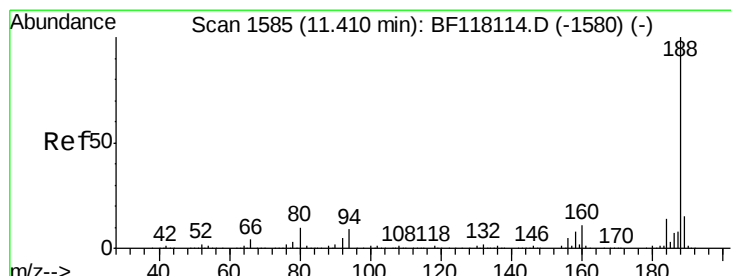
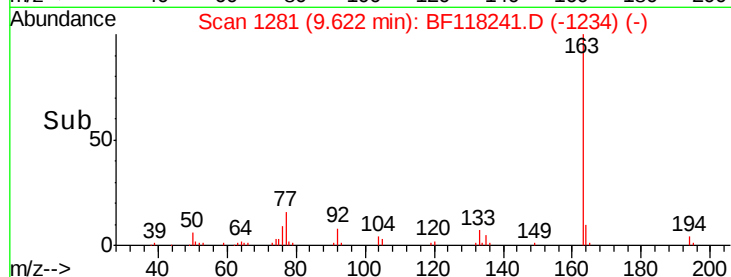
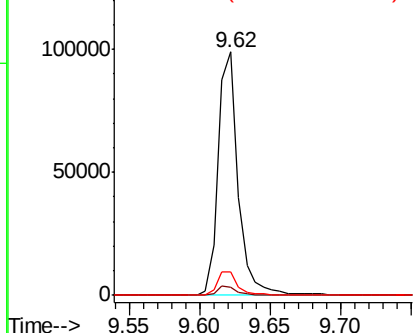
#50
Dimethylphthalate
Concen: 5.864 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF118241.D
Acq: 17 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :
EP-10

Tot Ion:163 Resp: 97701
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 9.6 7.7 11.5

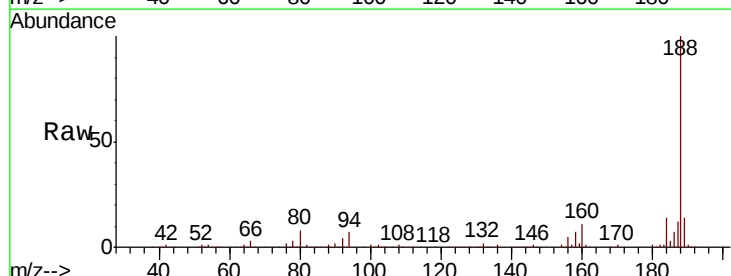


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

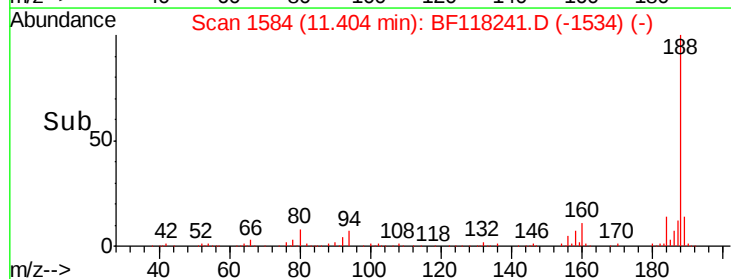
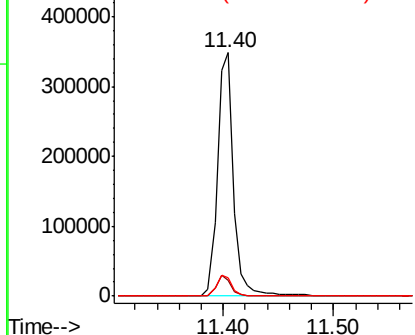


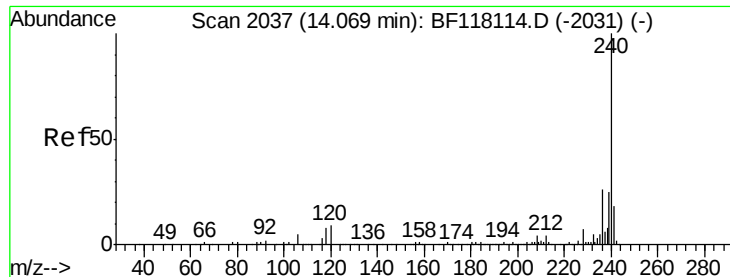
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118241.D
Acq: 17 Dec 2019 22:12

Tgt Ion:188 Resp: 349784
Ion Ratio Lower Upper
188 100
94 6.7 7.1 10.7#
80 7.8 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: BF118241.D

Acq: 17 Dec 2019 22:12

Instrument :

BNA_F

ClientSampleId :

EP-10

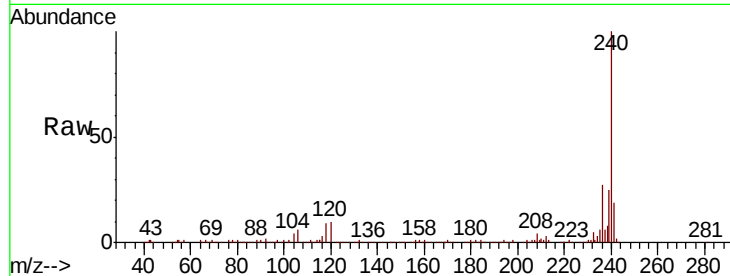
Tot Ion:240 Resp: 260460

Ion Ratio Lower Upper

240 100

120 9.6 7.1 10.7

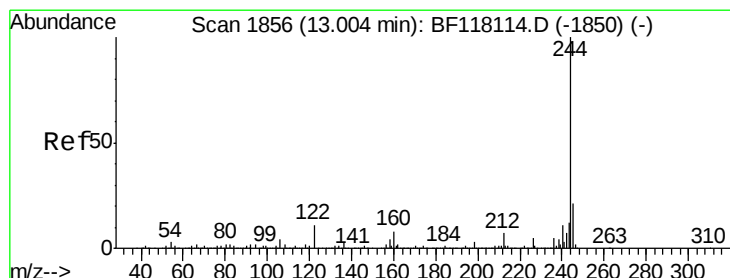
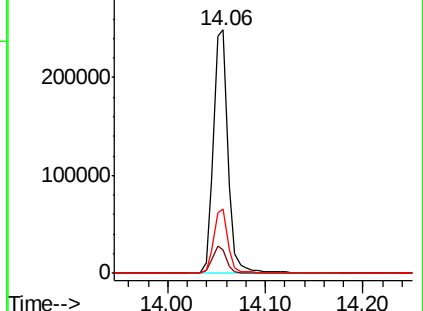
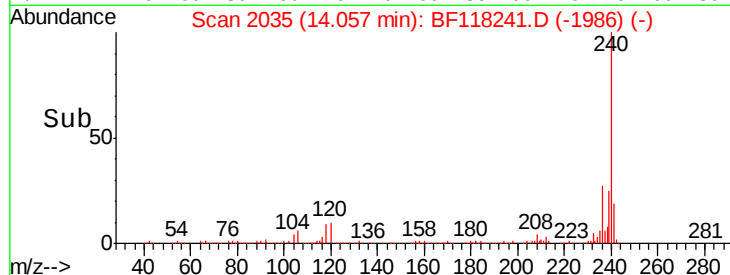
236 26.5 21.0 31.6



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: 47.969 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118241.D

Acq: 17 Dec 2019 22:12

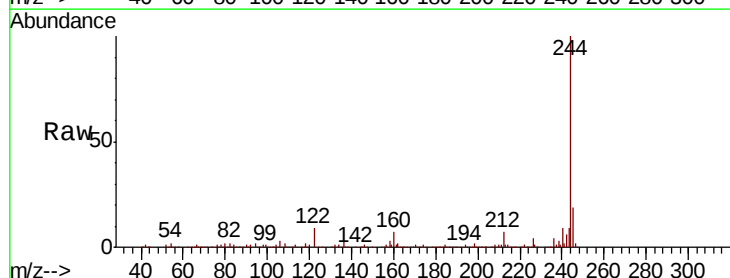
Tgt Ion:244 Resp: 726558

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

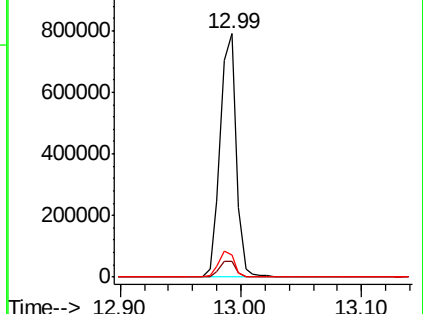
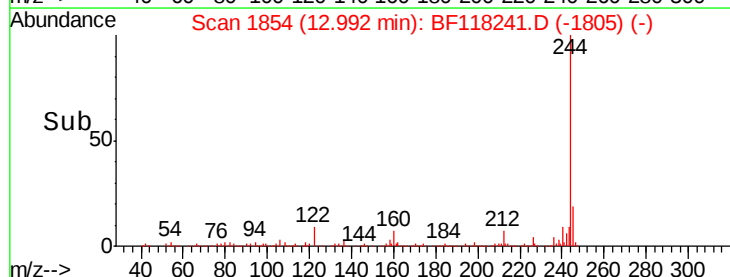
122 9.0 9.0 13.6#

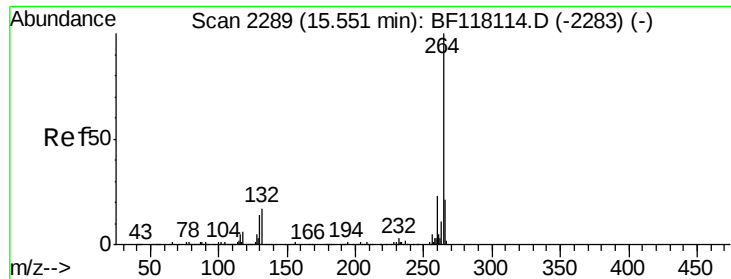


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118241.D
Acq: 17 Dec 2019 22:12

Instrument :
BNA_F
ClientSampleId :
EP-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	28.0
265	21.7	16.8	25.2

