

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118260.D
 Acq On : 18 Dec 2019 15:48
 Operator : JU
 Sample : K6317-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC1

Quant Time: Dec 19 03:31:29 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

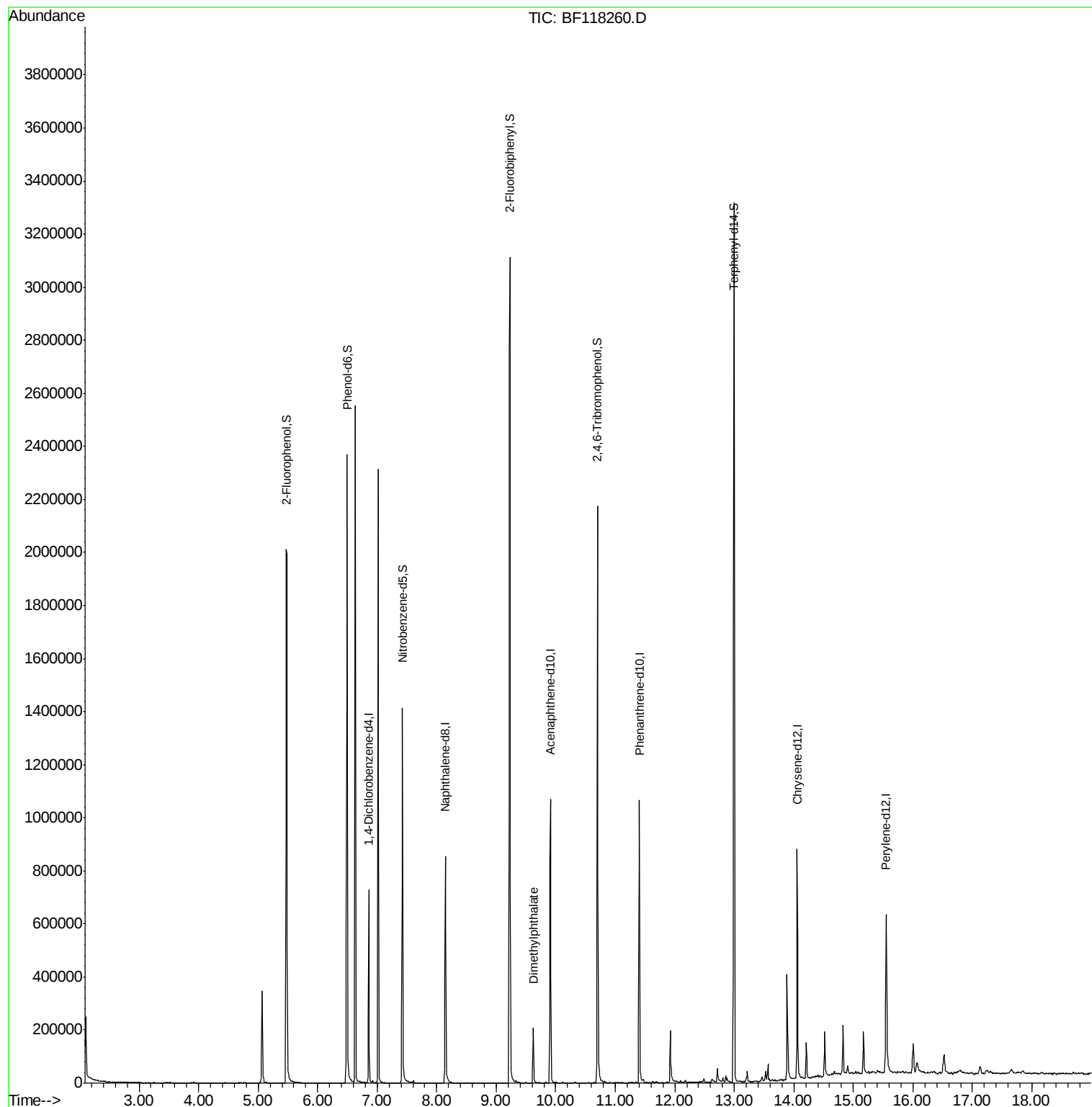
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	105787	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	415394	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	221508	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	417800	20.00	ng	0.00
76) Chrysene-d12	14.06	240	283910	20.00	ng	-0.01
87) Perylene-d12	15.55	264	261407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	646874	107.10	ng	0.00
7) Phenol-d6	6.49	99	820213	112.27	ng	0.00
23) Nitrobenzene-d5	7.42	82	493484	66.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	287210	106.73	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1006982	69.17	ng	-0.01
79) Terphenyl-d14	13.00	244	1214774	73.58	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	98162	6.000	ng	Qvalue 99

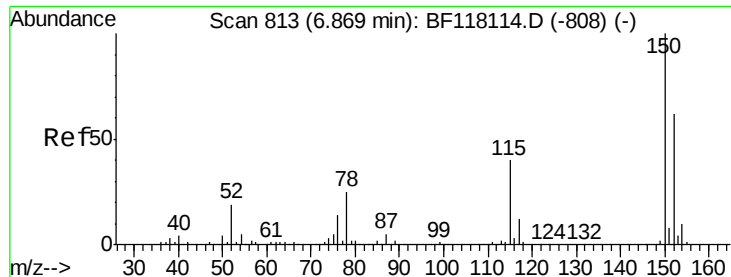
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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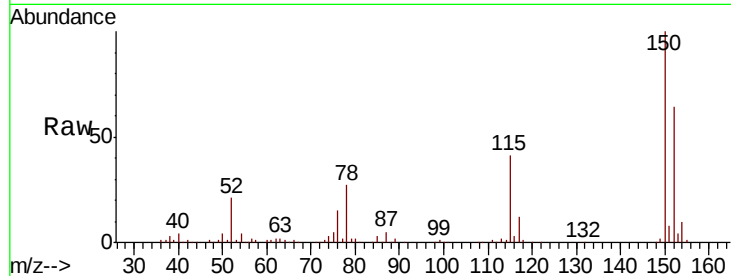


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF118260.D
 Acq: 18 Dec 2019 15:48

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC1

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	128.3	192.5
115	63.9	51.1	76.7

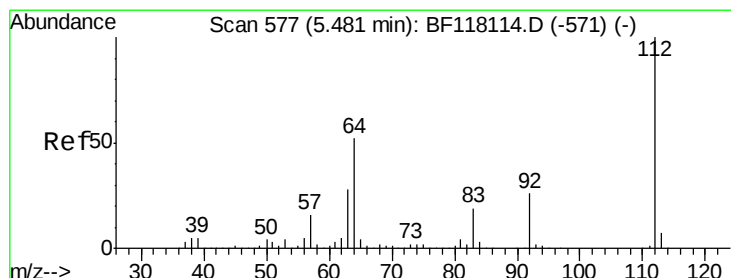
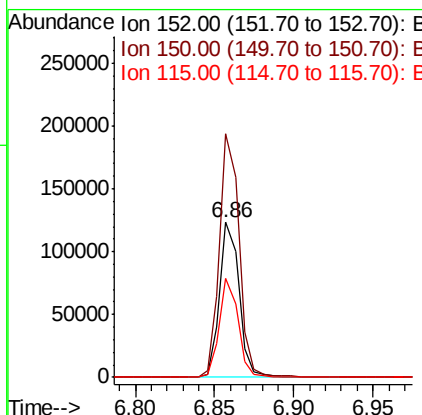
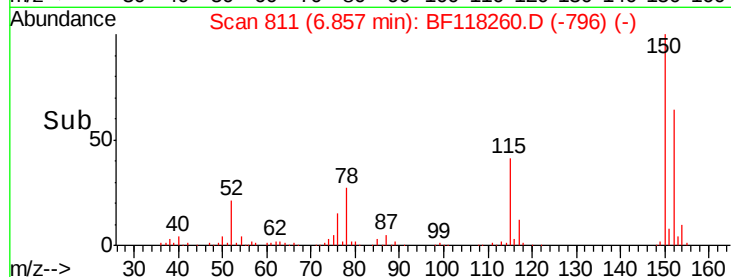


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

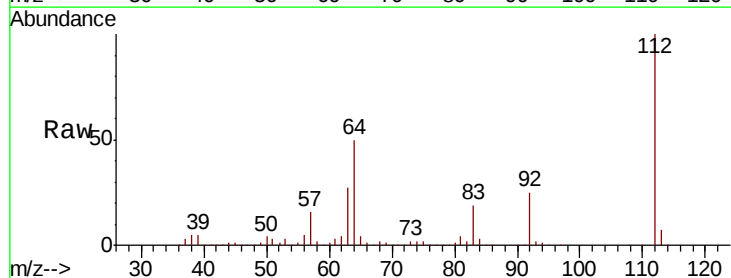
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 107.100 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF118260.D
 Acq: 18 Dec 2019 15:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.4	41.3	61.9
63	26.7	22.4	33.6

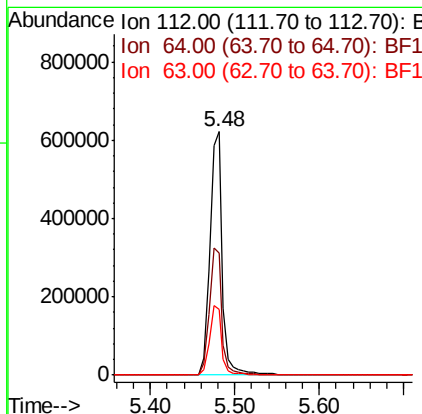
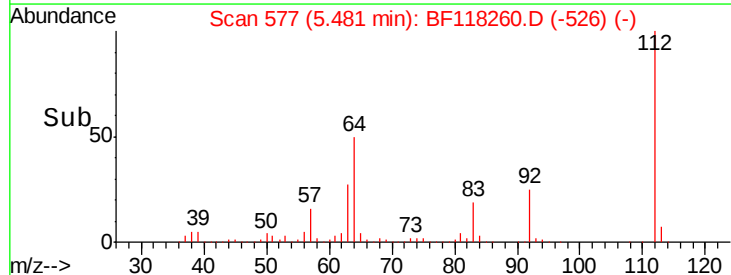


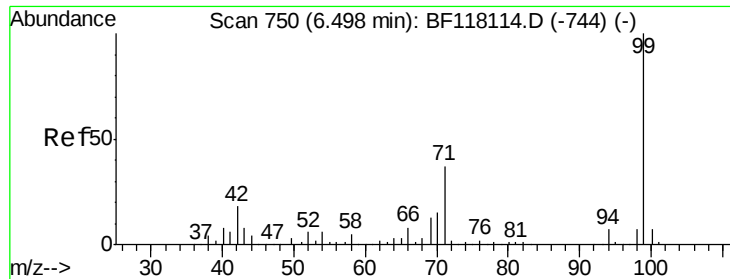
Abundance

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: 112.274 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118260.D

Acq: 18 Dec 2019 15:48

Instrument :

BNA_F

ClientSampleId :

178K-WC1

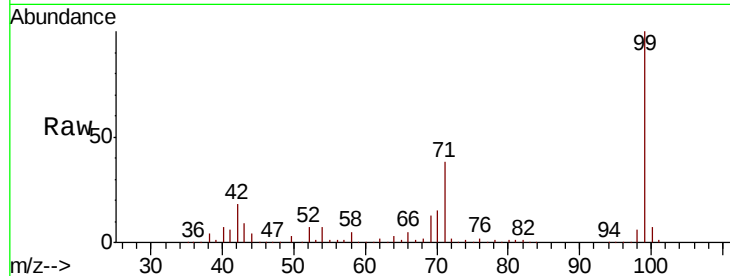
Tot Ion: 99 Resp: 820213

Ion Ratio Lower Upper

99 100

42 18.0 14.1 21.1

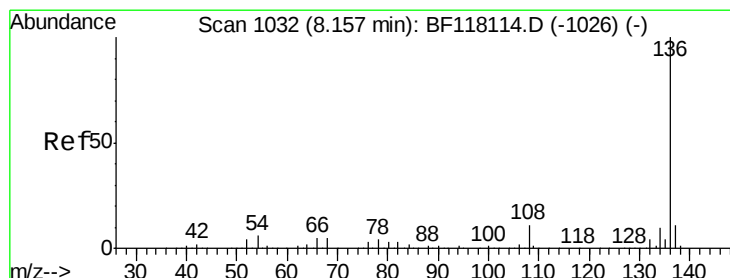
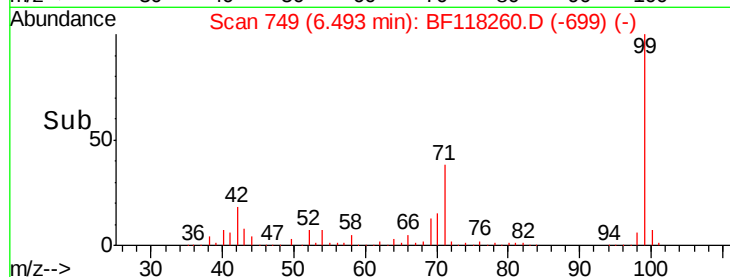
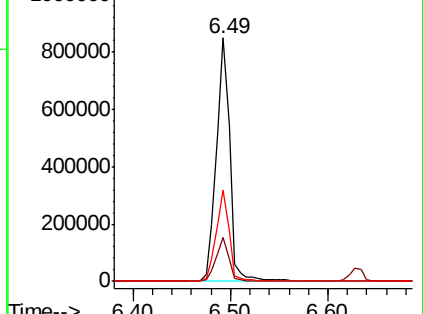
71 37.6 29.7 44.5



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: BF118260.D

Acq: 18 Dec 2019 15:48

Tgt Ion: 136 Resp: 415394

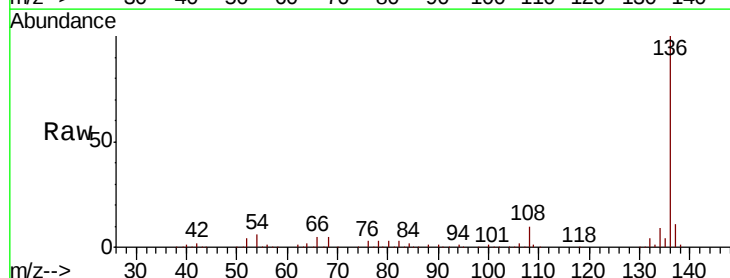
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 6.2 5.0 7.6

68 4.6 3.8 5.8

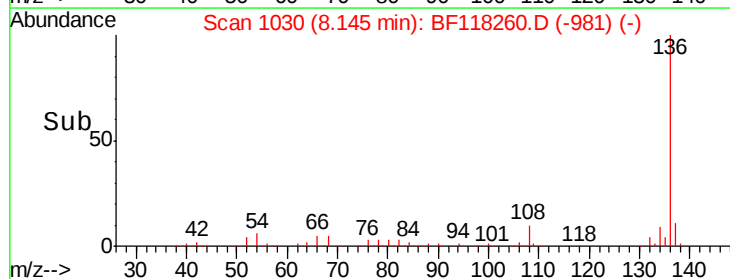
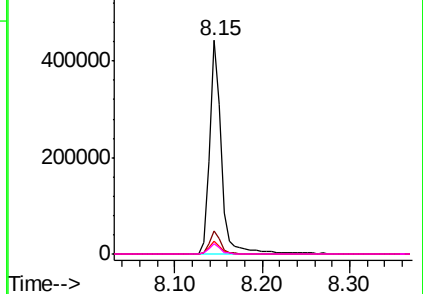


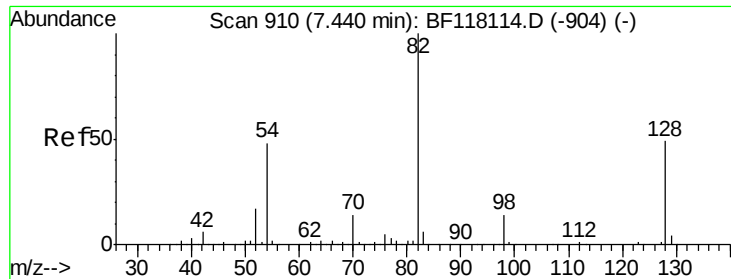
Abundance Ion 136.00 (135.70 to 136.70): E

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

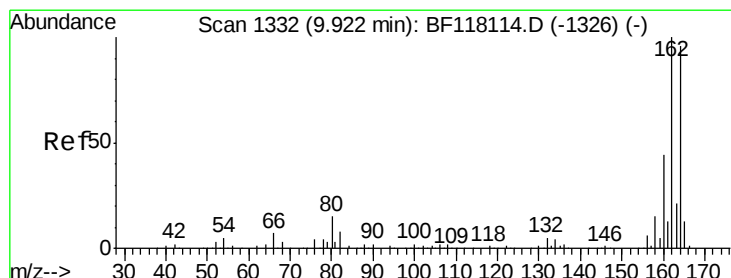
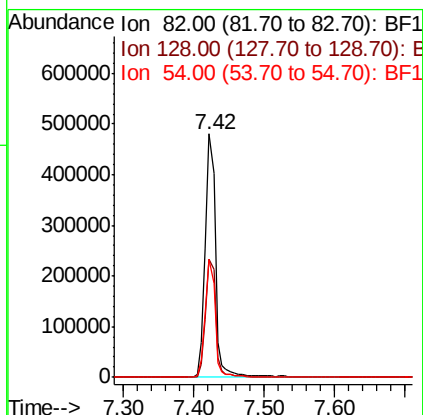
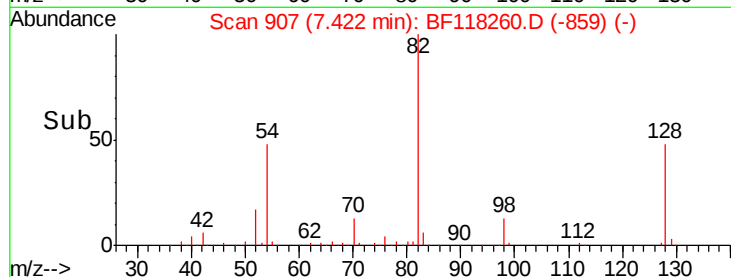
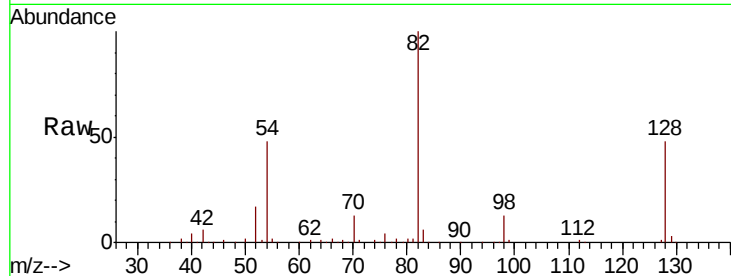




#23
Nitrobenzene-d5
Concen: 66.834 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118260.D
Acq: 18 Dec 2019 15:48

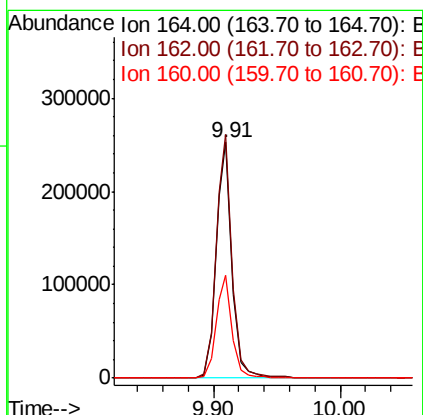
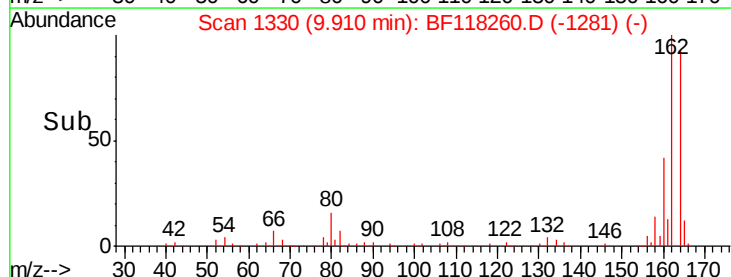
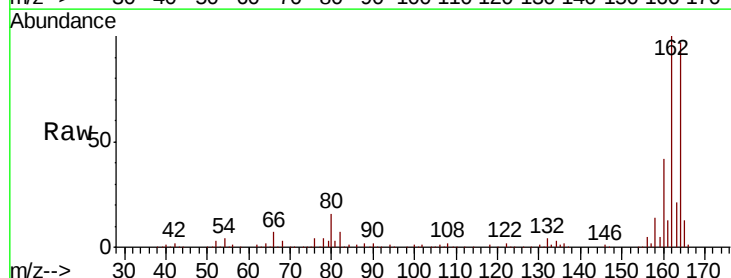
Instrument :
BNA_F
ClientSampleId :
178K-WC1

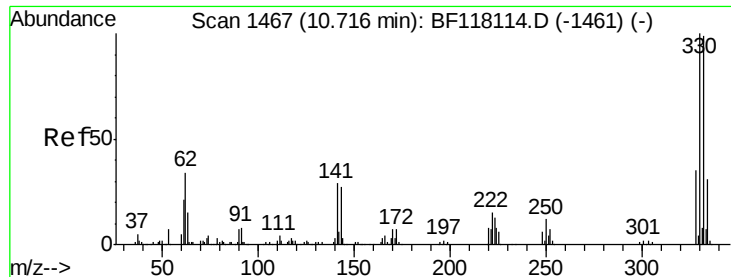
Tot Ion: 82 Resp: 493484
Ion Ratio Lower Upper
82 100
128 48.5 39.1 58.7
54 48.5 38.2 57.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF118260.D
Acq: 18 Dec 2019 15:48

Tgt Ion:164 Resp: 221508
Ion Ratio Lower Upper
164 100
162 103.3 83.4 125.0
160 43.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 106.733 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF118260.D

Acq: 18 Dec 2019 15:48

Instrument :

BNA_F

ClientSampleId :

178K-WC1

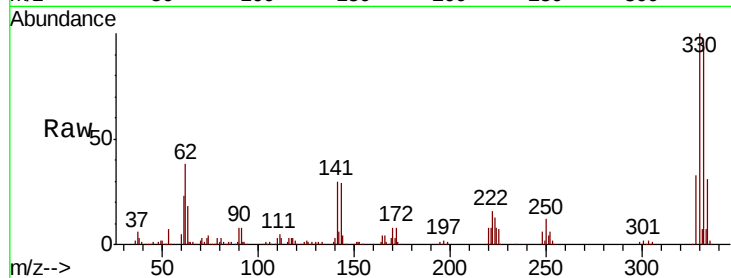
Tot Ion:330 Resp: 287210

Ion Ratio Lower Upper

330 100

332 95.8 78.1 117.1

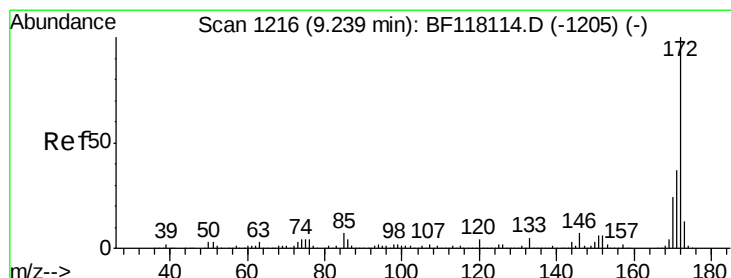
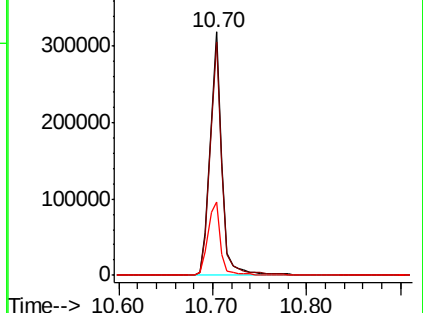
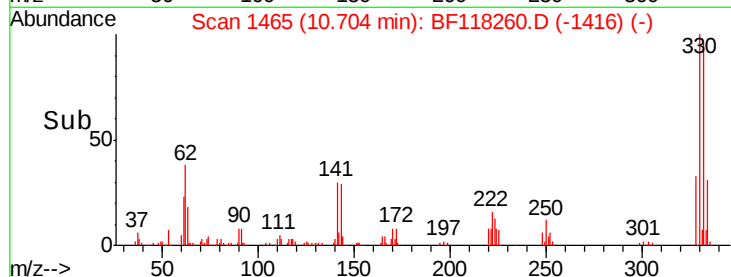
141 32.5 26.9 40.3



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: 69.174 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF118260.D

Acq: 18 Dec 2019 15:48

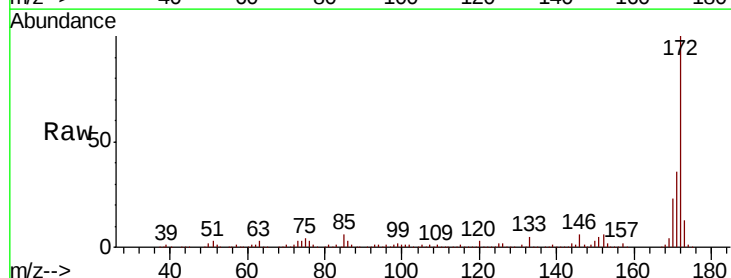
Tgt Ion:172 Resp: 1006982

Ion Ratio Lower Upper

172 100

171 35.5 29.2 43.8

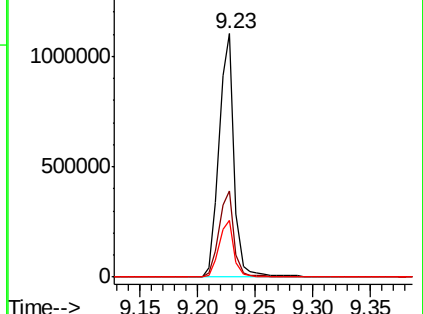
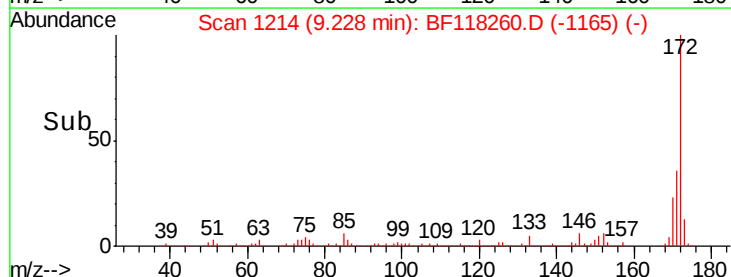
170 23.2 19.4 29.2

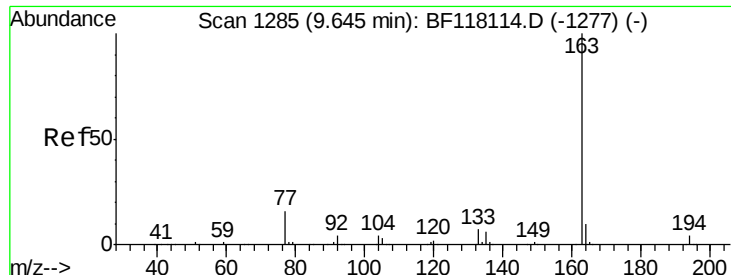


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.000 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF118260.D

Acq: 18 Dec 2019 15:48

Instrument :

BNA_F

ClientSampleId :

178K-WC1

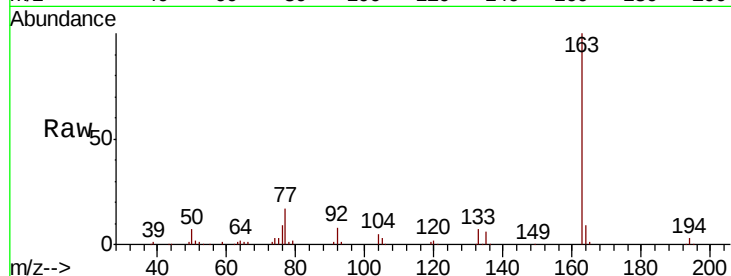
Tot Ion:163 Resp: 98162

Ion Ratio Lower Upper

163 100

194 3.4 3.1 4.7

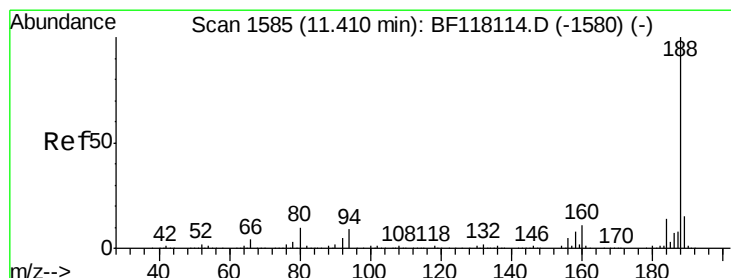
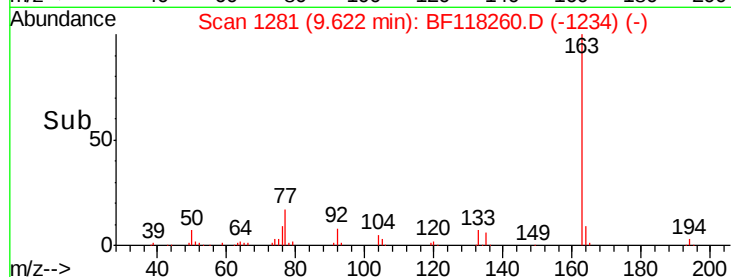
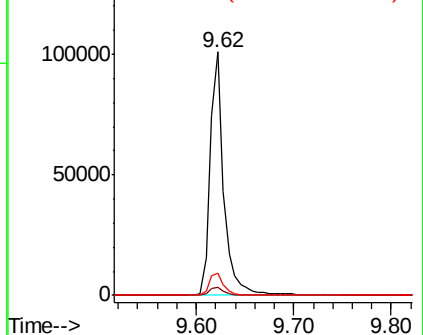
164 9.3 7.7 11.5



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: BF118260.D

Acq: 18 Dec 2019 15:48

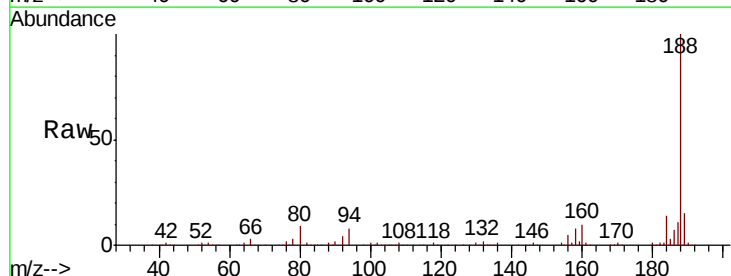
Tgt Ion:188 Resp: 417800

Ion Ratio Lower Upper

188 100

94 7.5 7.1 10.7

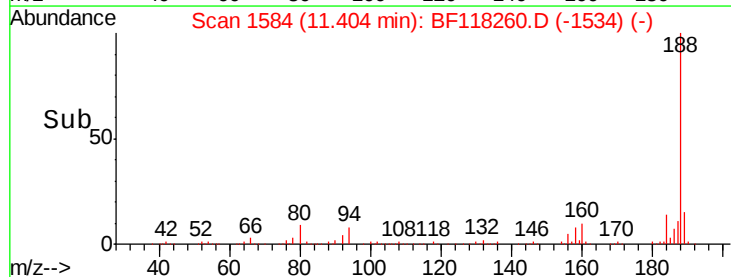
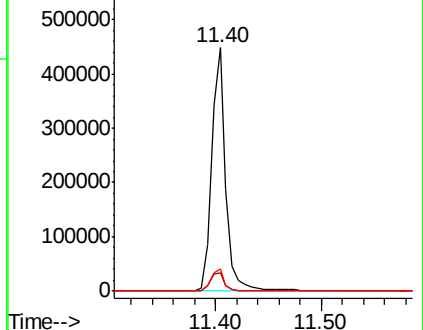
80 8.9 7.9 11.9

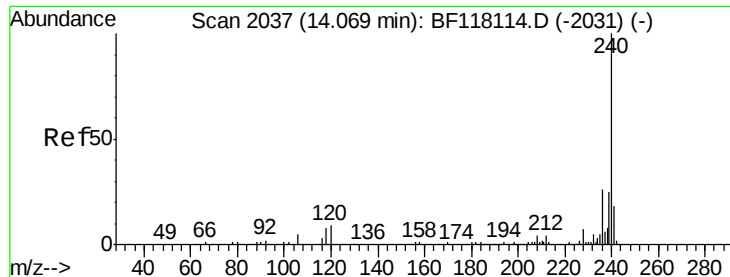


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF118260.D

Acq: 18 Dec 2019 15:48

Instrument :

BNA_F

ClientSampleId :

178K-WC1

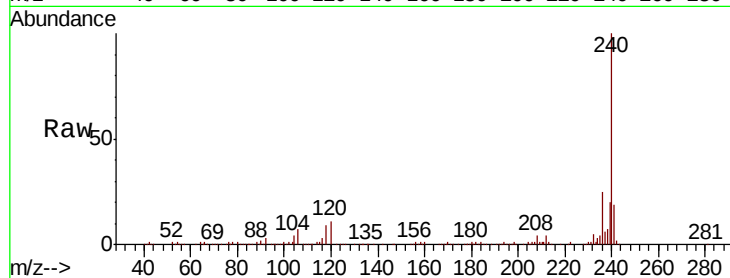
Tot Ion:240 Resp: 283910

Ion Ratio Lower Upper

240 100

120 10.8 7.1 10.7#

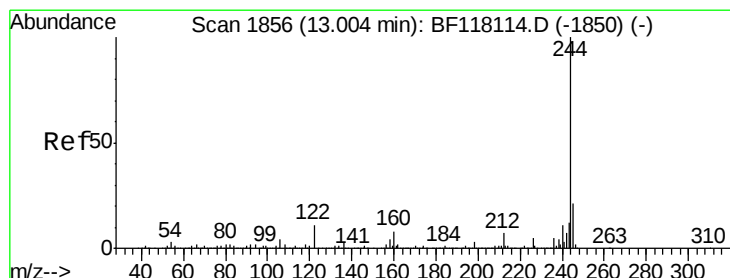
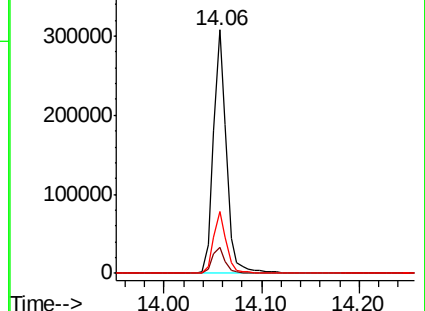
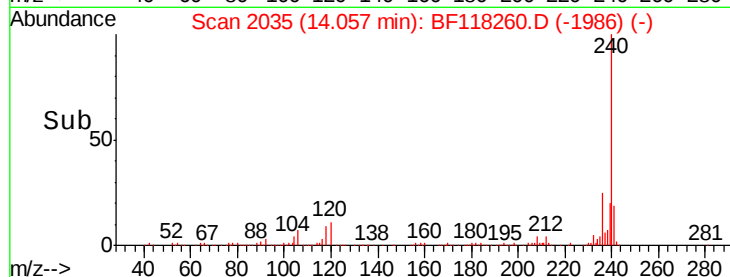
236 25.5 21.0 31.6



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: 73.578 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118260.D

Acq: 18 Dec 2019 15:48

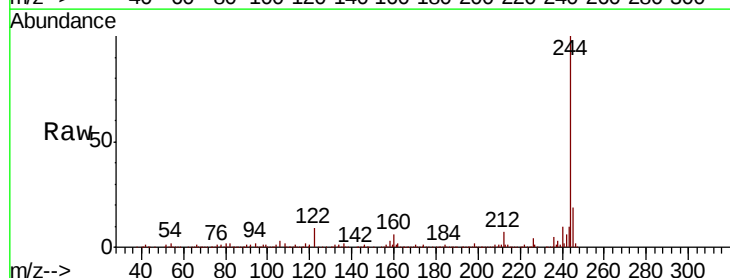
Tgt Ion:244 Resp: 1214774

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

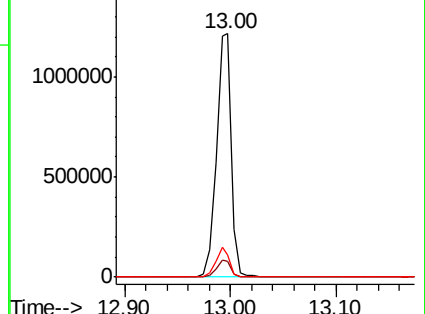
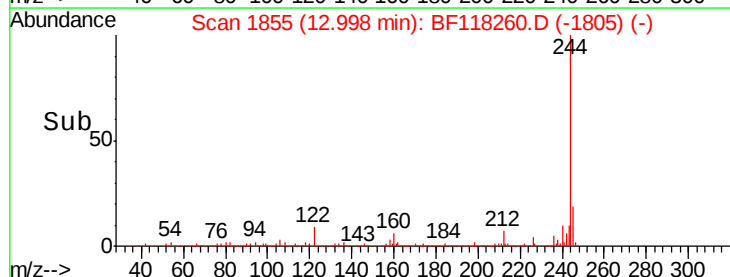
122 9.2 9.0 13.6

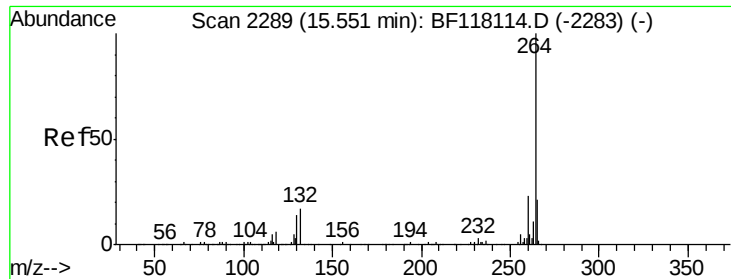


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BF118260.D
 Acq: 18 Dec 2019 15:48

Instrument :
 BNA_F
 ClientSampleId :
 178K-WC1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	22.3	16.8	25.2

