

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
 Data File : BF118148.D
 Acq On : 9 Dec 2019 17:02
 Operator : JU
 Sample : K6162-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Quant Time: Dec 10 01:13:01 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

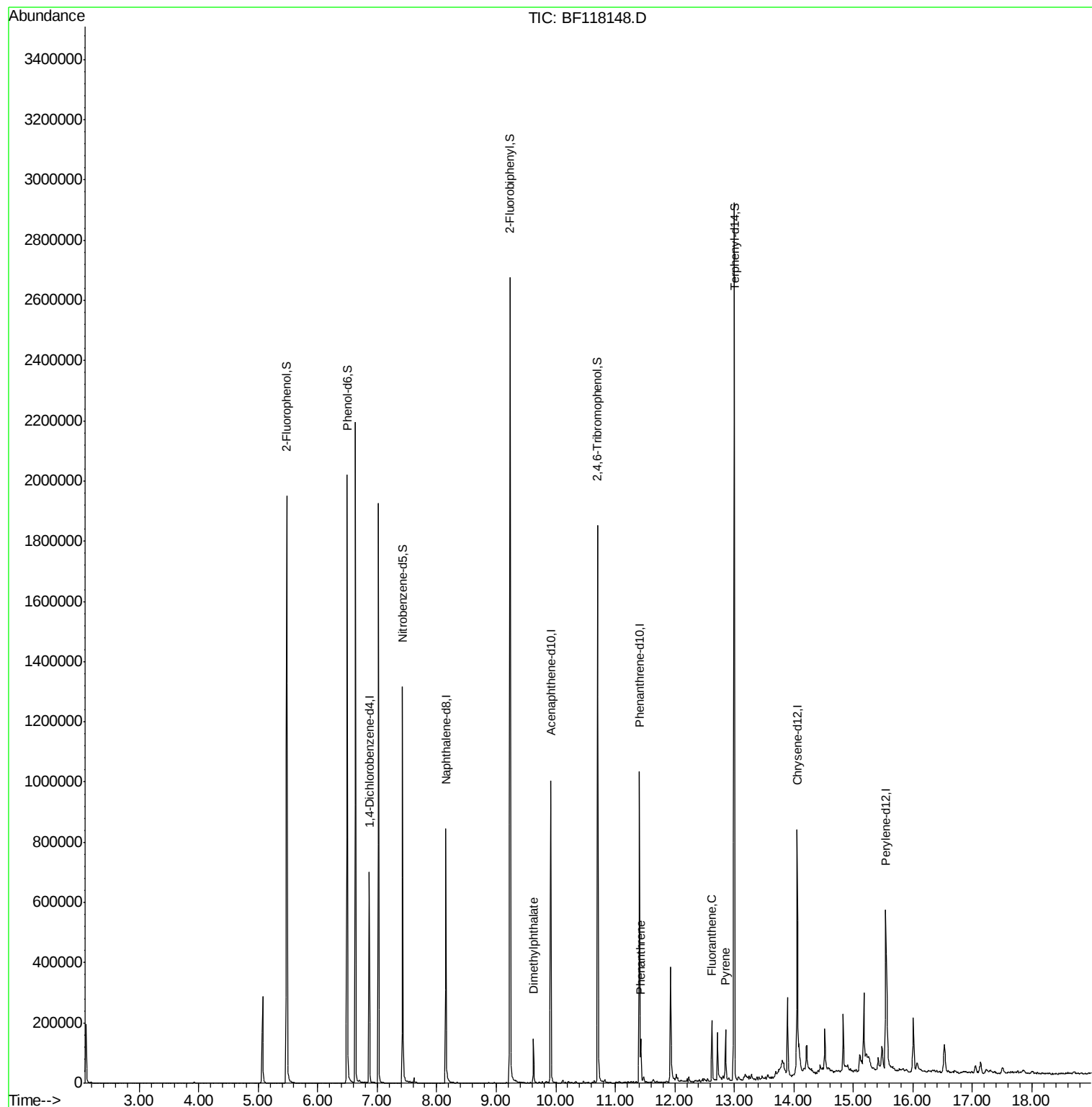
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	103557	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	409569	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	217330	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	397719	20.00	ng	0.00
76) Chrysene-d12	14.06	240	242156	20.00	ng	-0.01
87) Perylene-d12	15.54	264	242835	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	540863	91.48	ng	0.00
7) Phenol-d6	6.50	99	684283	95.68	ng	0.00
23) Nitrobenzene-d5	7.43	82	412093	56.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	231170	87.56	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	865913	60.63	ng	0.00
79) Terphenyl-d14	13.00	244	940738	66.80	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.63	163	65953	4.108	ng	99
71) Phenanthrene	11.43	178	44562	2.108	ng	100
75) Fluoranthene	12.62	202	79014	3.655	ng	99
78) Pyrene	12.86	202	74857	3.923	ng	97

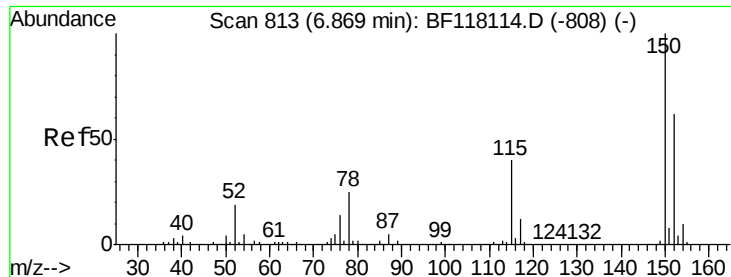
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 06 17:34:43 2019
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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: BF118148.D

Acq: 9 Dec 2019 17:02

Instrument :

BNA_F

ClientSampleId :

TP1

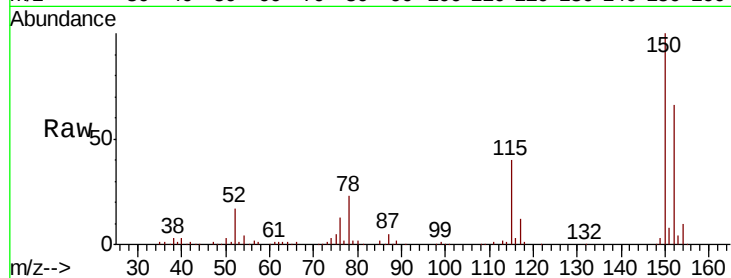
Tot Ion:152 Resp: 103557

Ion Ratio Lower Upper

152 100

150 151.0 128.3 192.5

115 60.7 51.1 76.7

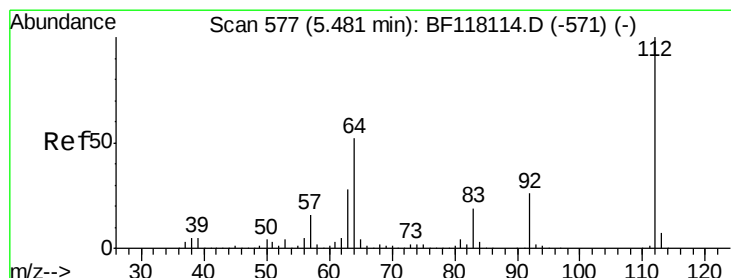
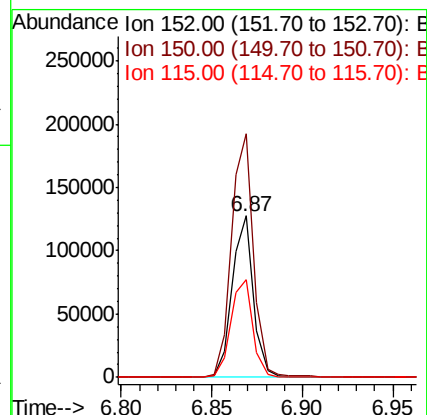
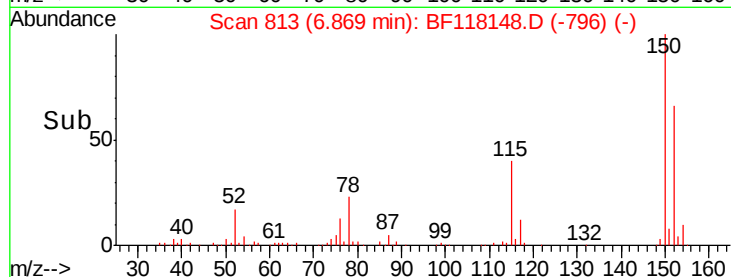


Abundance

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: 91.476 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF118148.D

Acq: 9 Dec 2019 17:02

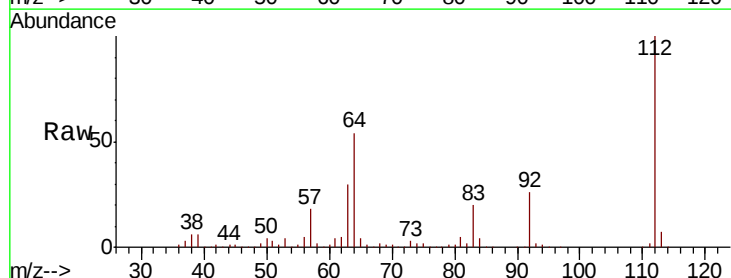
Tgt Ion:112 Resp: 540863

Ion Ratio Lower Upper

112 100

64 53.9 41.3 61.9

63 29.9 22.4 33.6

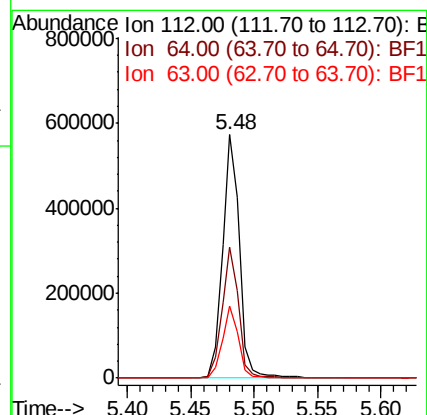
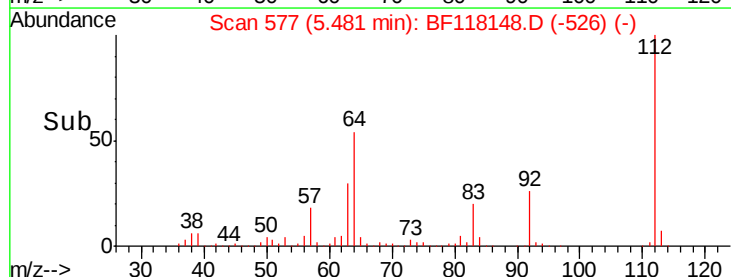


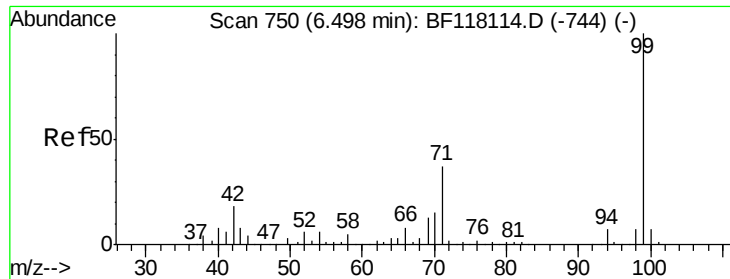
Abundance

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: 95.684 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118148.D

Acq: 9 Dec 2019 17:02

Instrument :

BNA_F

ClientSampleId :

TP1

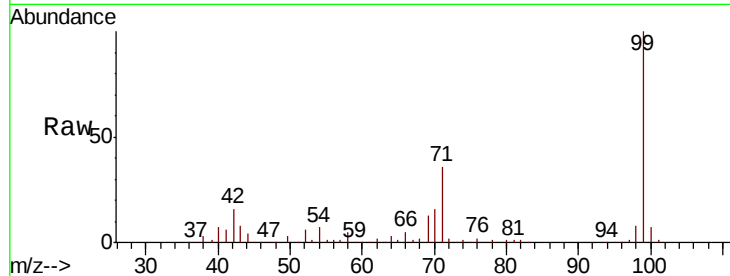
Tot Ion: 99 Resp: 684283

Ion Ratio Lower Upper

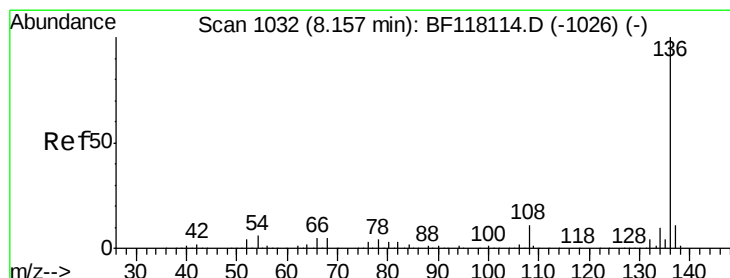
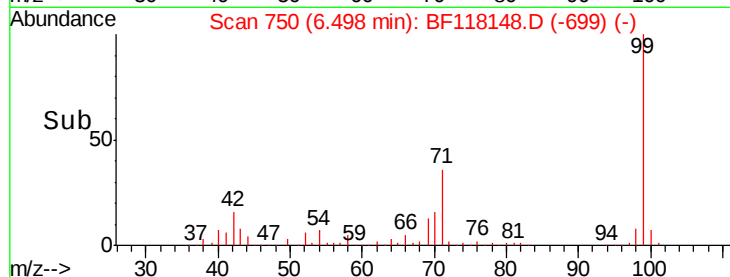
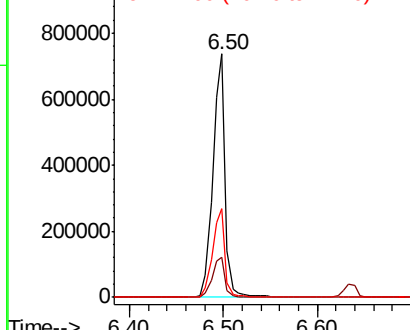
99 100

42 16.5 14.1 21.1

71 36.4 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# 1031

Delta R.T. -0.01 min

Lab File: BF118148.D

Acq: 9 Dec 2019 17:02

Tgt Ion: 136 Resp: 409569

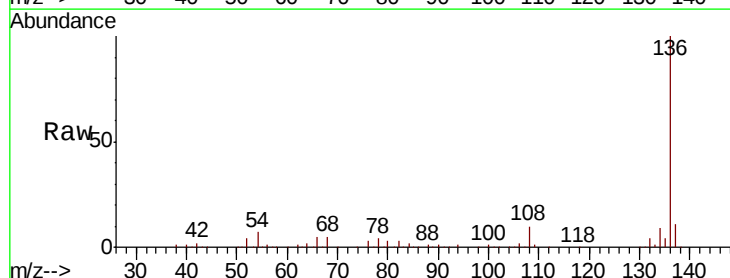
Ion Ratio Lower Upper

136 100

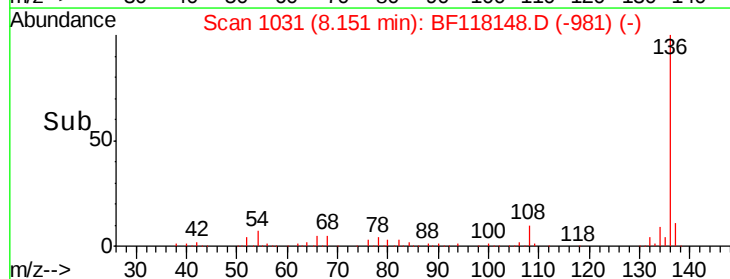
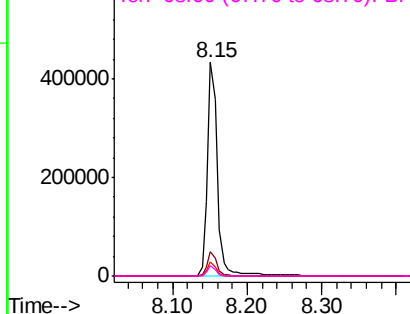
137 11.3 9.0 13.6

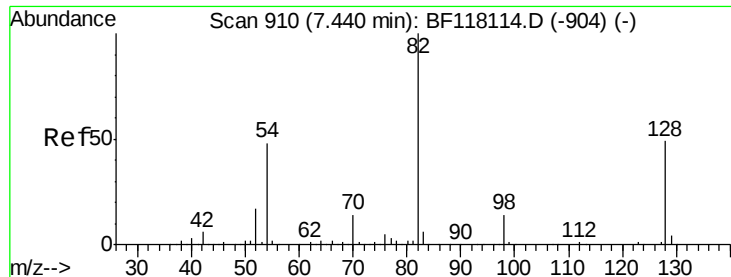
54 6.6 5.0 7.6

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

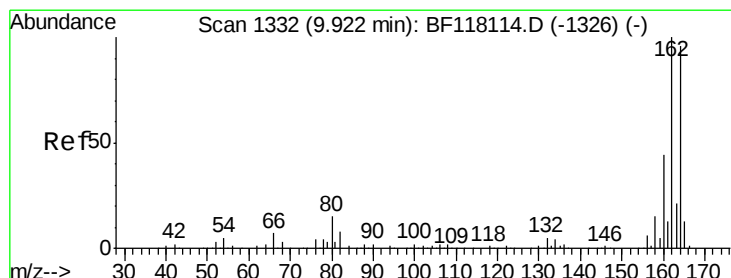
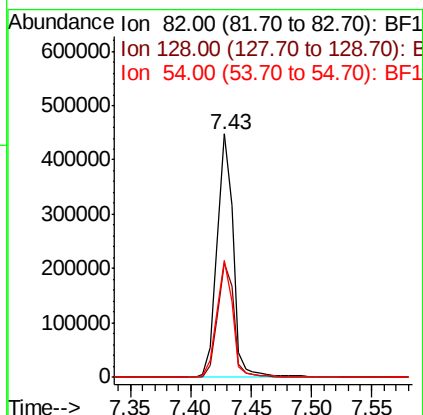
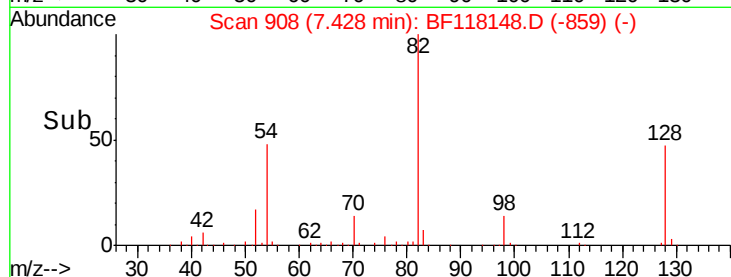
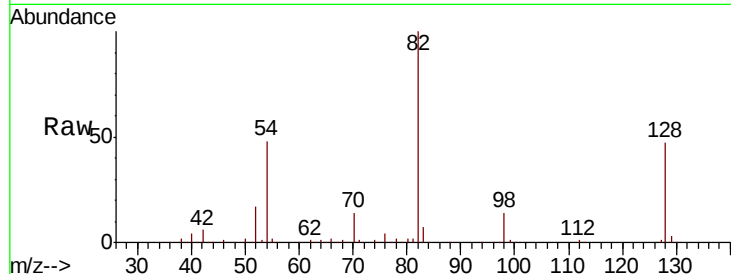




#23
Nitrobenzene-d5
Concen: 56.604 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

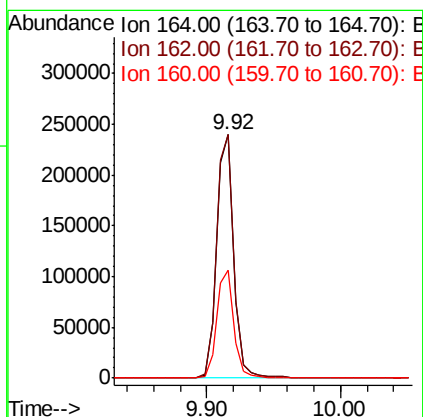
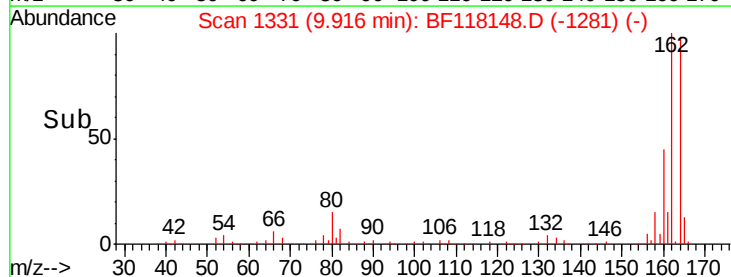
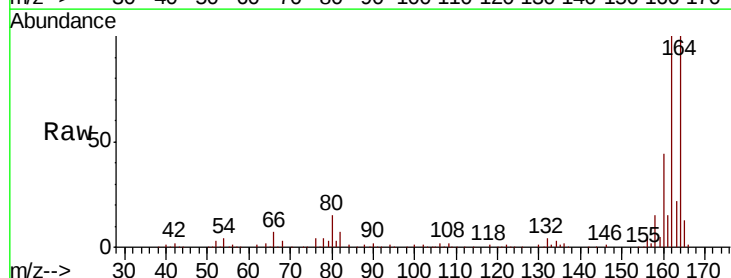
Instrument :
BNA_F
ClientSampleId :
TP1

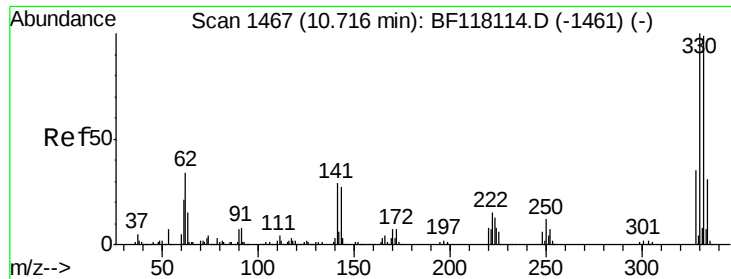
Tot Ion: 82 Resp: 412093
Ion Ratio Lower Upper
82 100
128 47.2 39.1 58.7
54 48.1 38.2 57.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Tgt Ion: 164 Resp: 217330
Ion Ratio Lower Upper
164 100
162 99.9 83.4 125.0
160 44.5 36.6 54.8

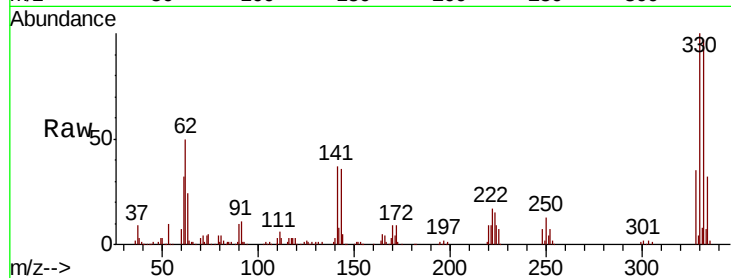




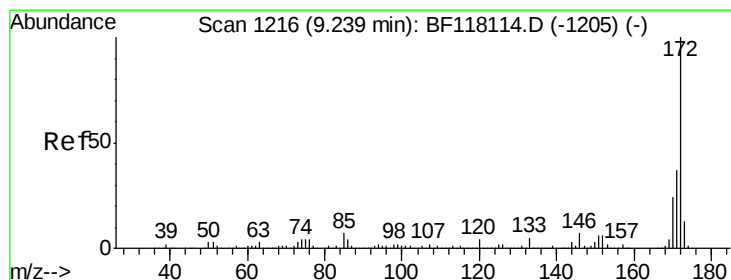
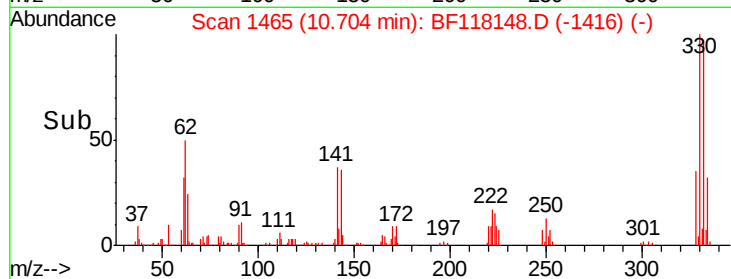
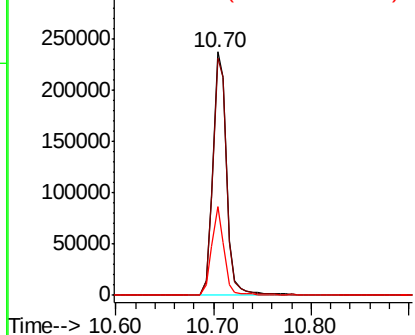
#42
 2,4,6-Tribromophenol
 Concen: 87.559 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118148.D
 Acq: 9 Dec 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.1	117.1
141	33.6	26.9	40.3

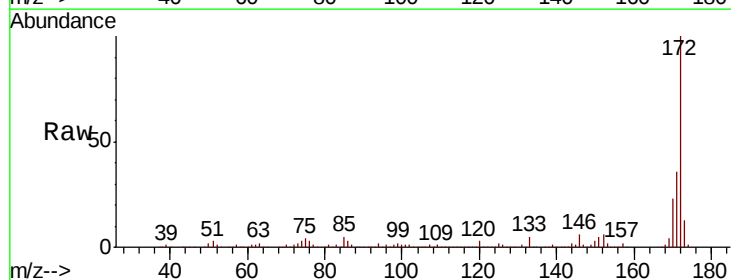


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

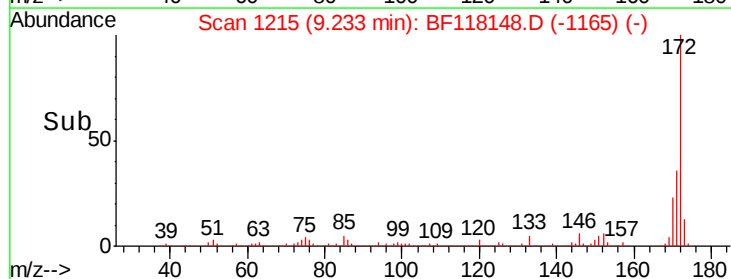
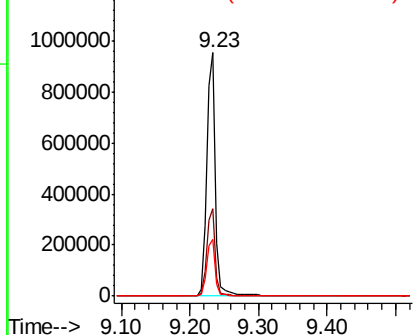


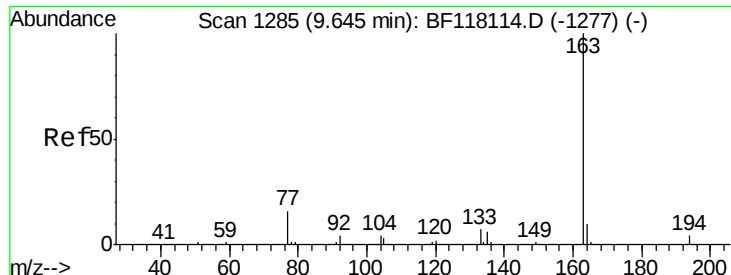
#45
 2-Fluorobiphenyl
 Concen: 60.627 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118148.D
 Acq: 9 Dec 2019 17:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	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

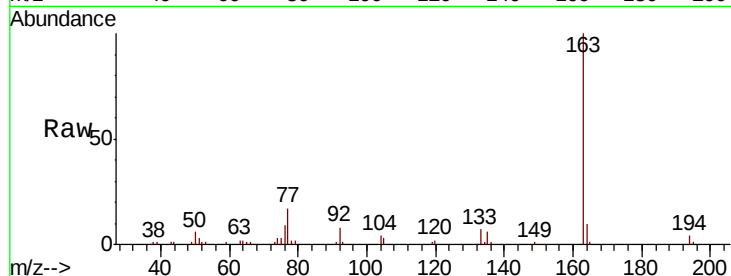




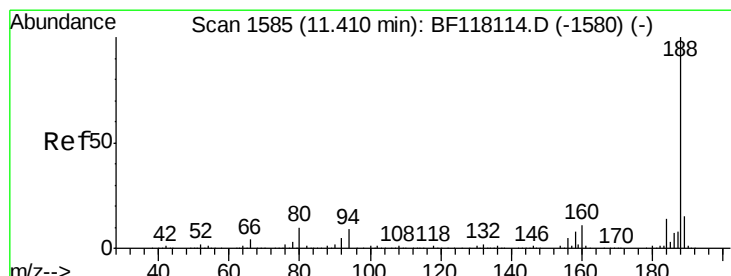
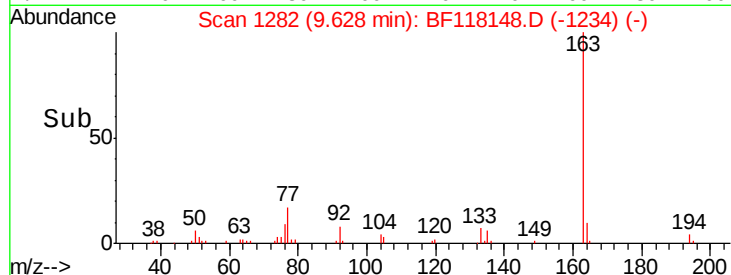
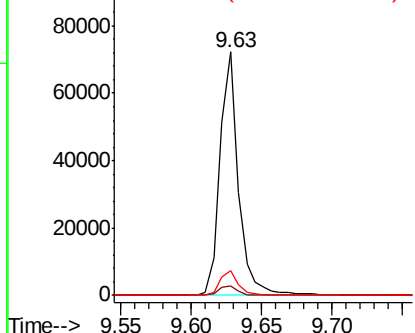
#50
Dimethylphthalate
Concen: 4.108 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Instrument :
BNA_F
ClientSampled :
TP1

Tot Ion:163 Resp: 65953
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.1 7.7 11.5

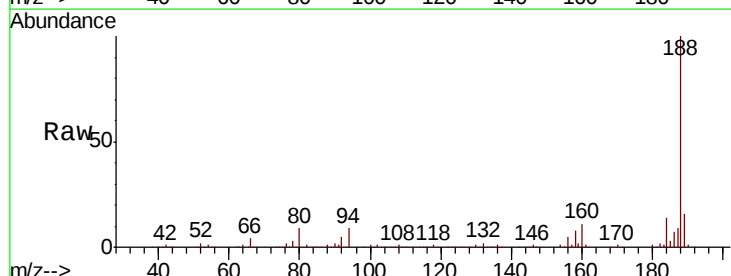


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

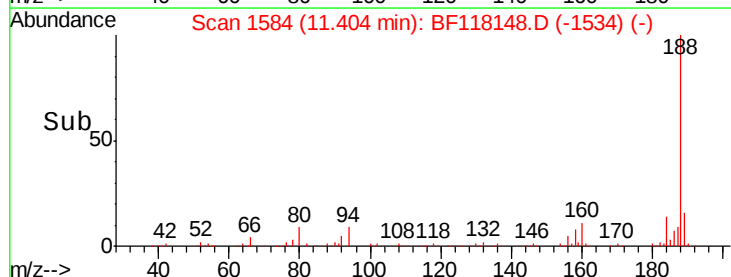
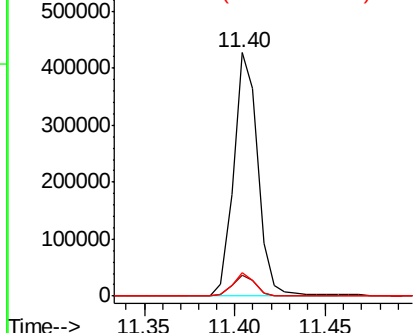


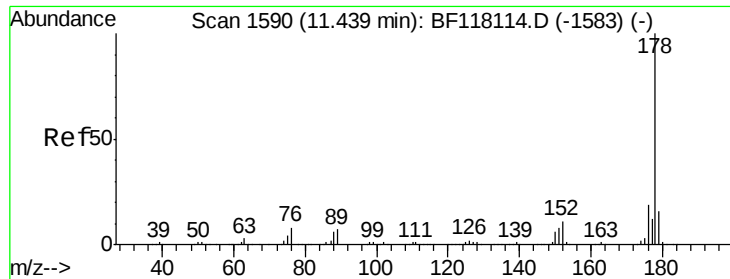
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118148.D
Acq: 9 Dec 2019 17:02

Tgt Ion:188 Resp: 397719
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 9.4 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

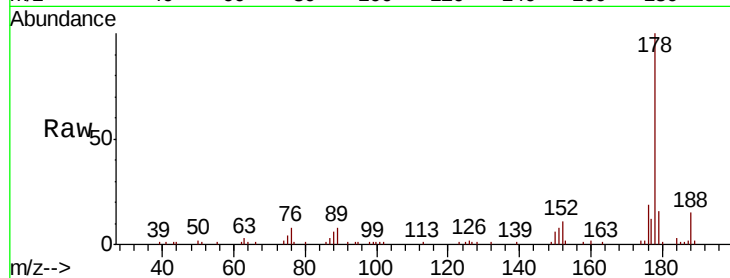




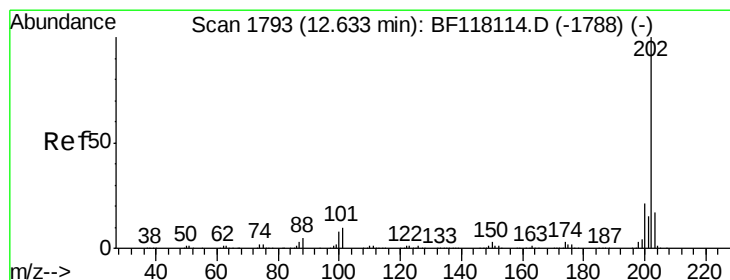
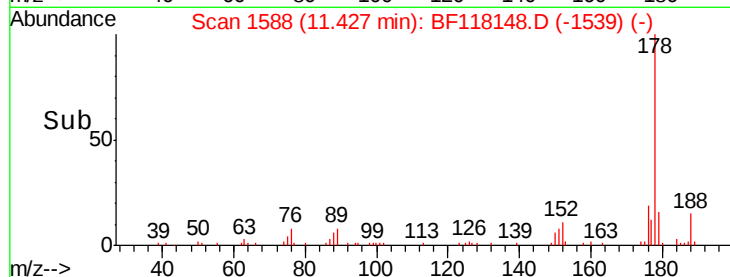
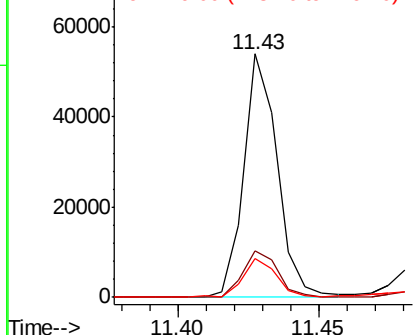
#71
 Phenanthrene
 Concen: 2.108 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF118148.D
 Acq: 9 Dec 2019 17:02

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Tot Ion:178 Resp: 44562
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.5 23.3
 179 15.7 12.6 18.8

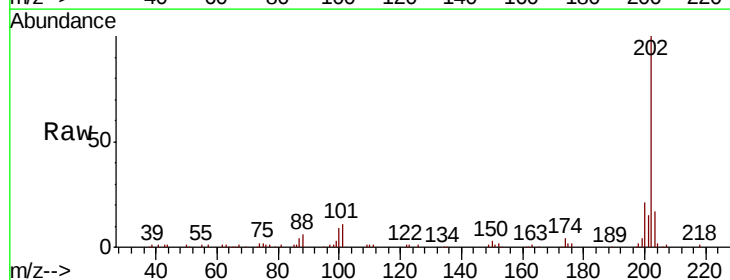


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

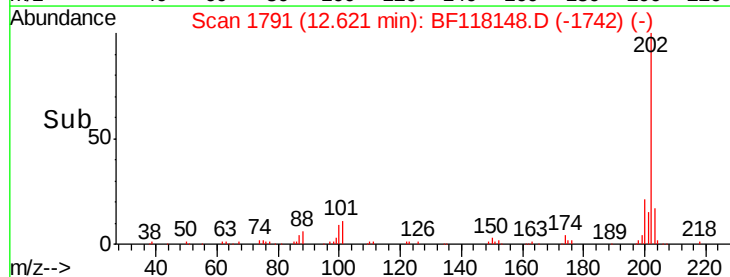
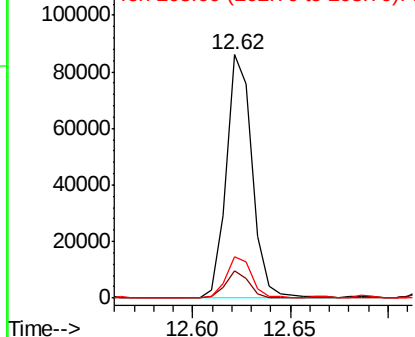


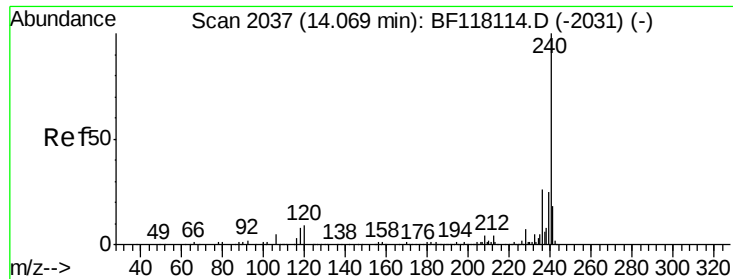
#75
 Fluoranthene
 Concen: 3.655 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF118148.D
 Acq: 9 Dec 2019 17:02

Tgt Ion:202 Resp: 79014
 Ion Ratio Lower Upper
 202 100
 101 11.3 0.0 30.4
 203 16.9 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

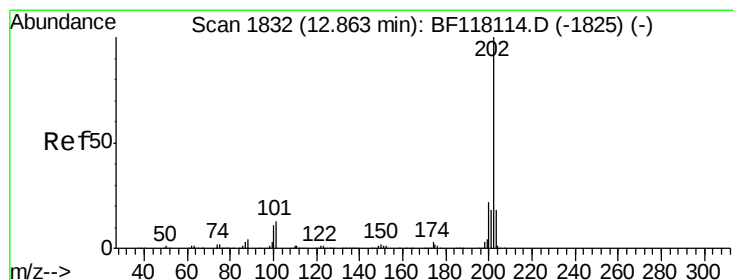
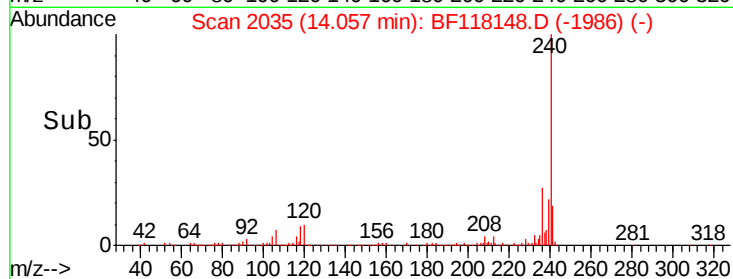
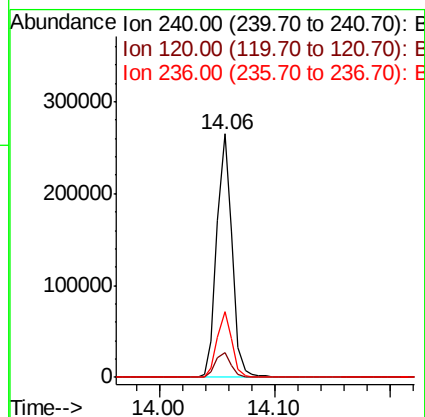
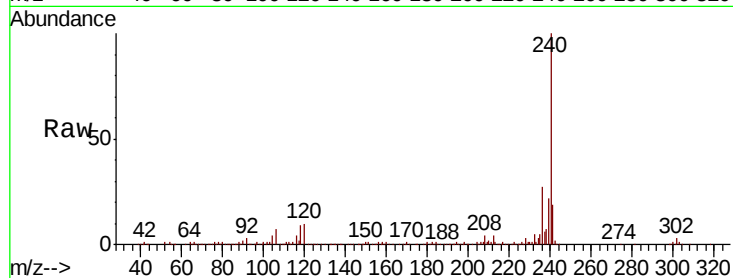




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF118148.D
 Acq: 9 Dec 2019 17:02

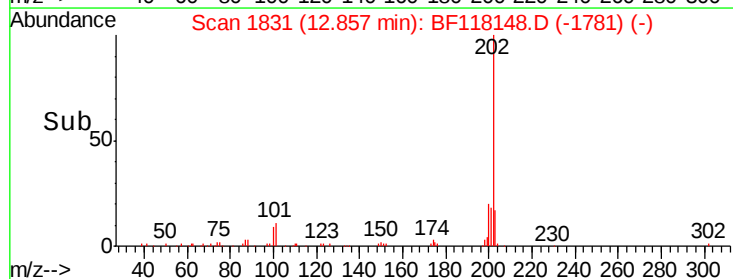
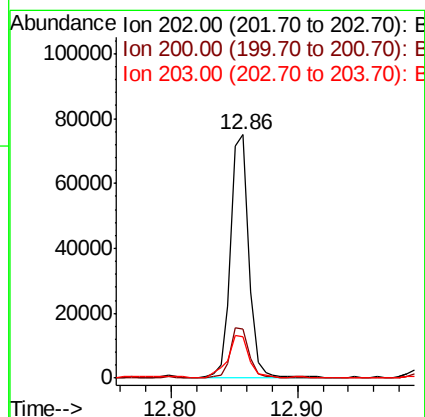
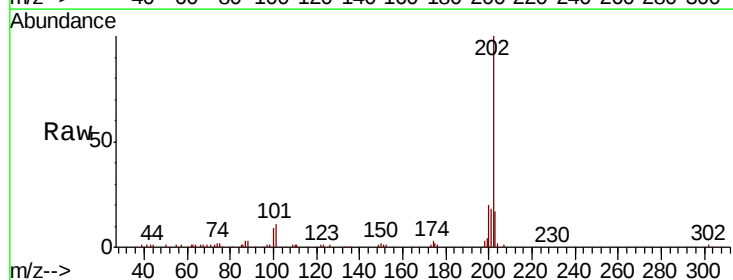
Instrument :
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 TP1

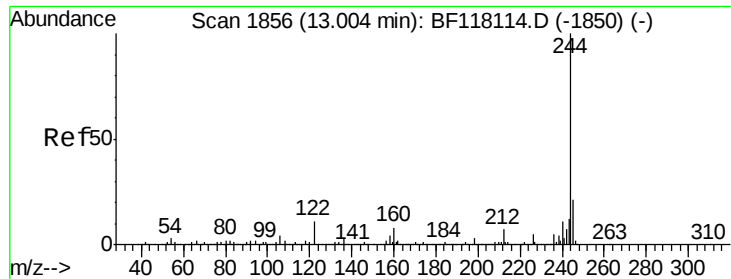
Tot Ion:240 Resp: 242156
 Ion Ratio Lower Upper
 240 100
 120 10.2 7.1 10.7
 236 27.0 21.0 31.6



#78
 Pyrene
 Concen: 3.923 ng
 RT: 12.86 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BF118148.D
 Acq: 9 Dec 2019 17:02

Tgt Ion:202 Resp: 74857
 Ion Ratio Lower Upper
 202 100
 200 20.1 17.5 26.3
 203 17.2 14.6 21.8





#79

Terphenyl-d14

Concen: 66.805 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118148.D

Acq: 9 Dec 2019 17:02

Instrument :

BNA_F

ClientSampleId :

TP1

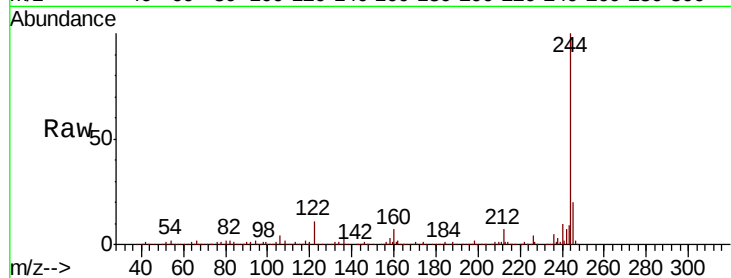
Tot Ion:244 Resp: 940738

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

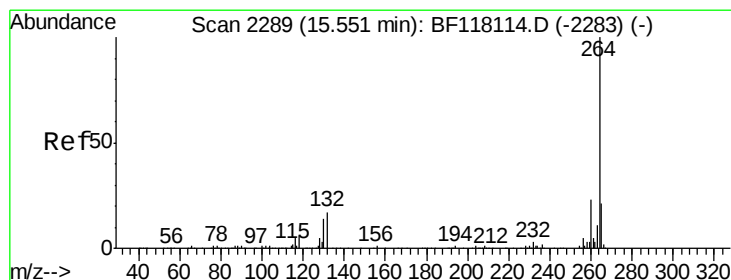
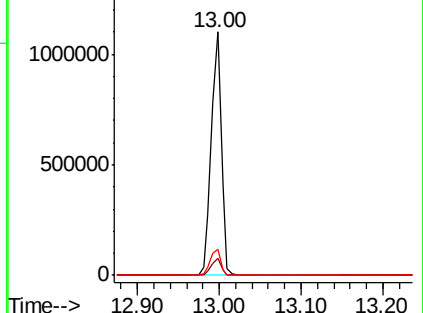
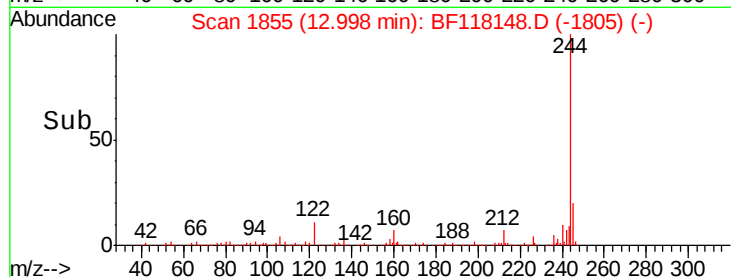
122 10.5 9.0 13.6



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: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118148.D

Acq: 9 Dec 2019 17:02

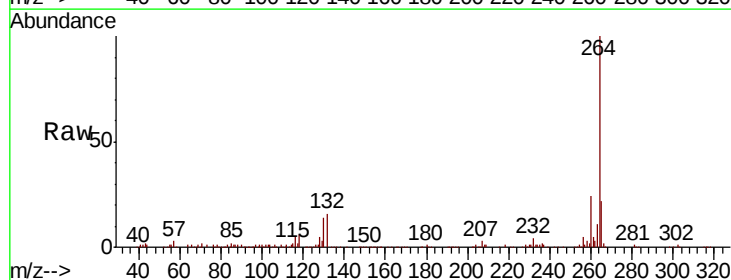
Tgt Ion:264 Resp: 242835

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.1 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

