

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118363.D
 Acq On : 28 Dec 2019 14:09
 Operator : JU
 Sample : PB125767BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125767BL

Quant Time: Dec 29 07:30:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	141890	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	547734	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	294650	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	574135	20.00	ng	0.00
76) Chrysene-d12	14.05	240	353573	20.00	ng	0.00
87) Perylene-d12	15.54	264	296729	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	784165	94.34	ng	0.02
7) Phenol-d6	6.49	99	988962	95.91	ng	0.00
23) Nitrobenzene-d5	7.42	82	843267	88.05	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	333782	91.73	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1826718	94.64	ng	0.00
79) Terphenyl-d14	12.99	244	2152978	101.02	ng	0.00

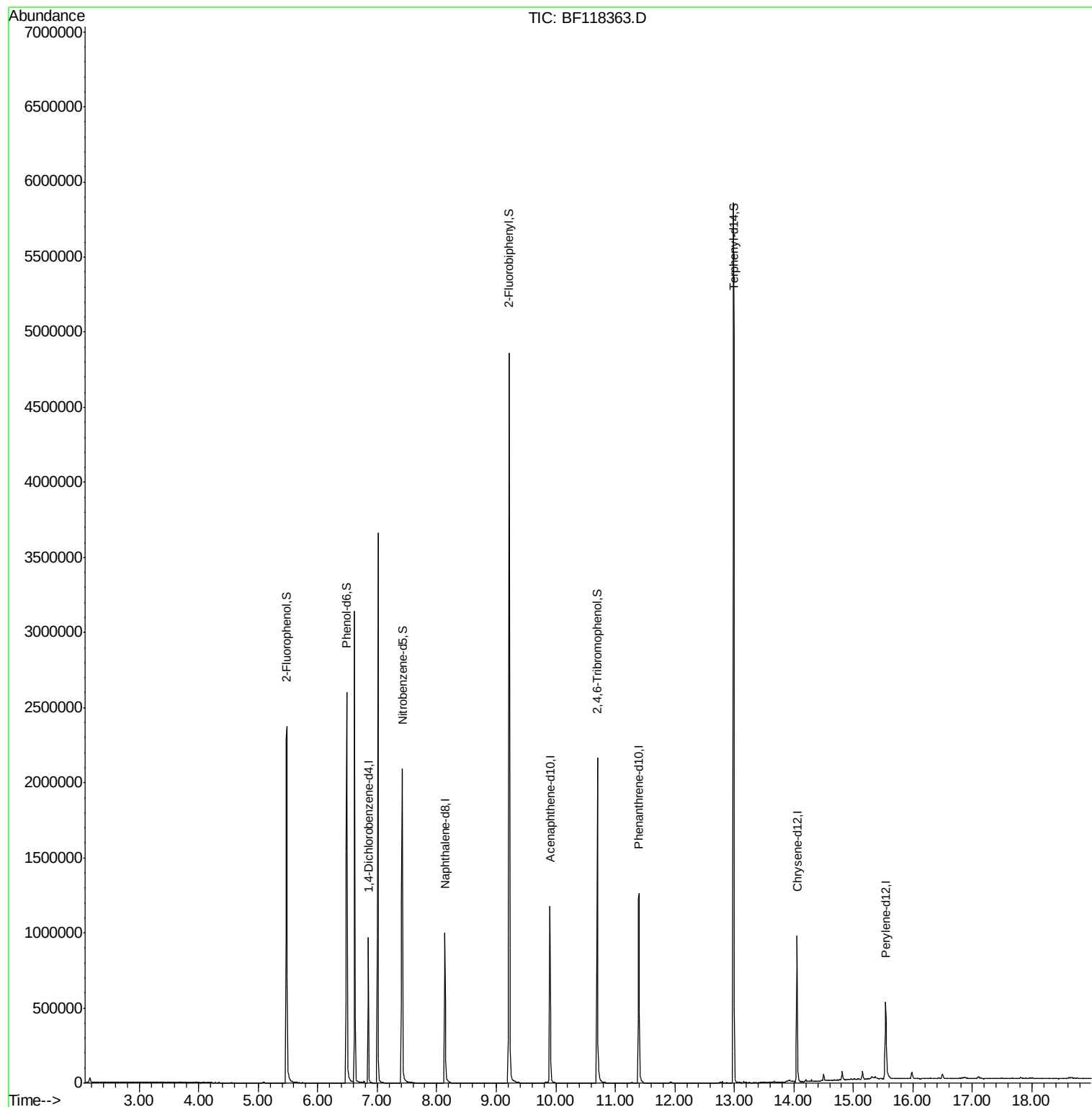
Target Compounds Qvalue

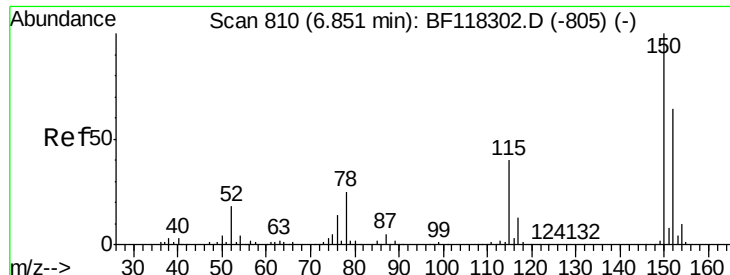
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF118363.D

Acq: 28 Dec 2019 14:09

Instrument :

BNA_F

ClientSampleId :

PB125767BL

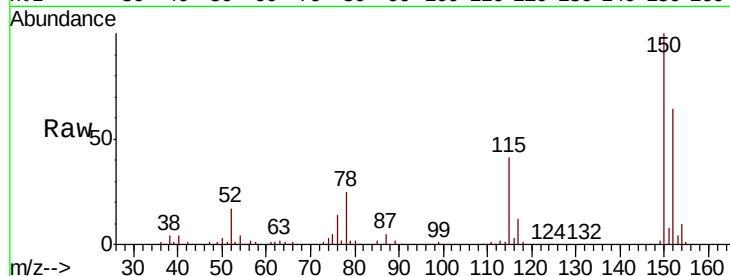
Tot Ion:152 Resp: 141890

Ion Ratio Lower Upper

152 100

150 156.9 125.4 188.2

115 64.5 50.2 75.4

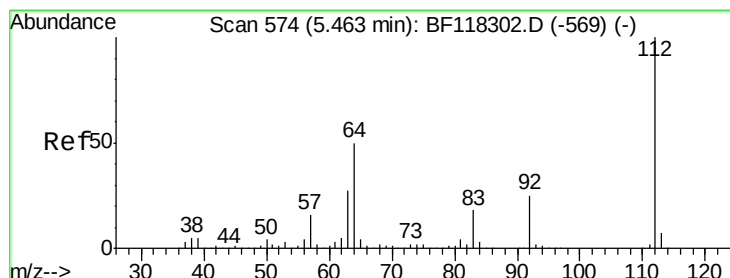
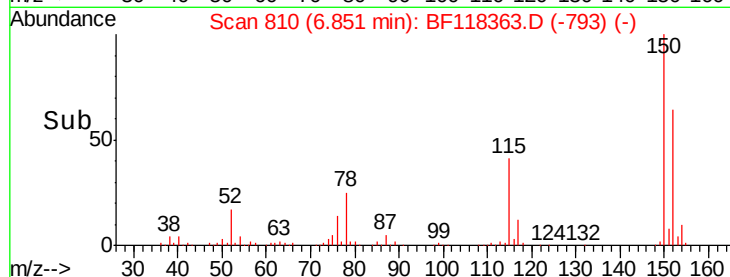
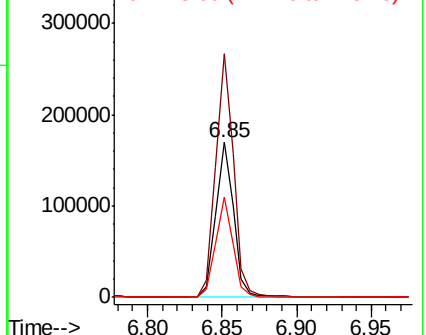


Abundance

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: 94.338 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118363.D

Acq: 28 Dec 2019 14:09

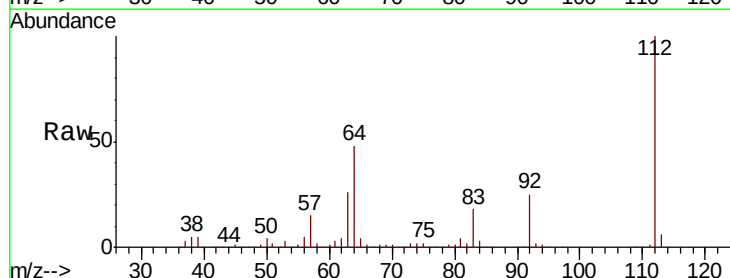
Tgt Ion:112 Resp: 784165

Ion Ratio Lower Upper

112 100

64 48.0 39.7 59.5

63 25.8 21.7 32.5

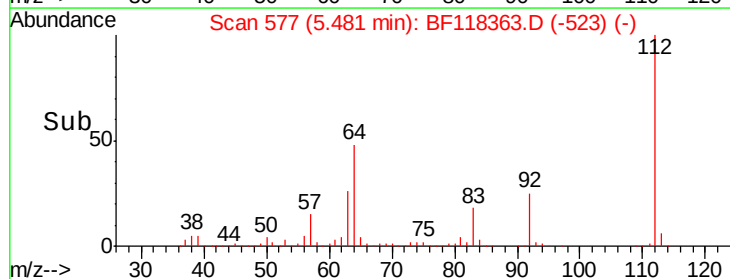
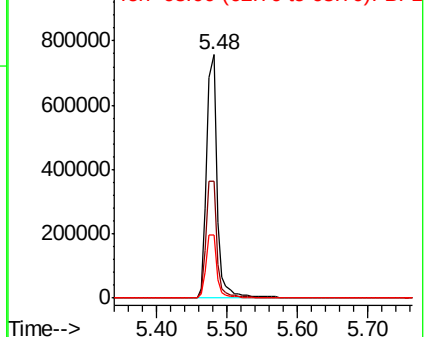


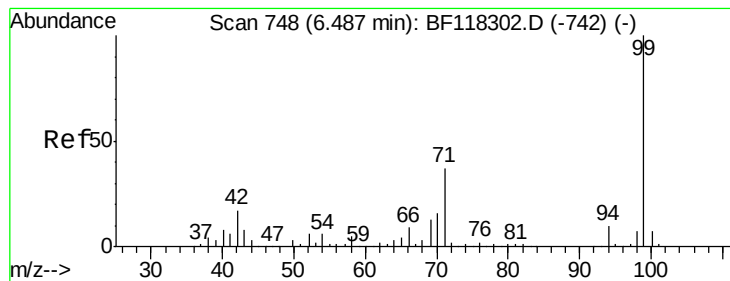
Abundance

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: 95.908 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118363.D

Acq: 28 Dec 2019 14:09

Instrument :

BNA_F

ClientSampleId :

PB125767BL

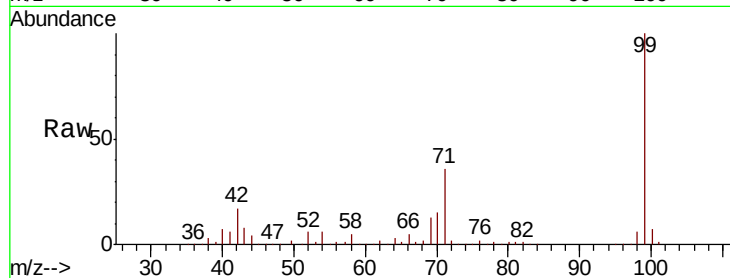
Tot Ion: 99 Resp: 988962

Ion Ratio Lower Upper

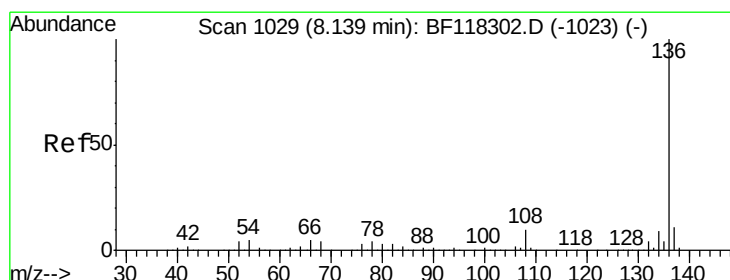
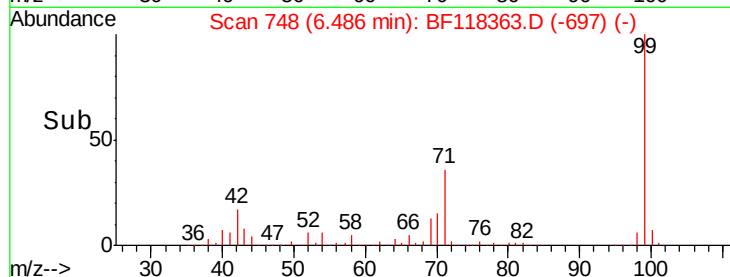
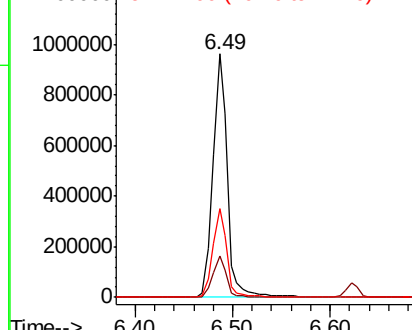
99 100

42 16.8 13.5 20.3

71 36.4 29.4 44.2



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: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF118363.D

Acq: 28 Dec 2019 14:09

Tgt Ion: 136 Resp: 547734

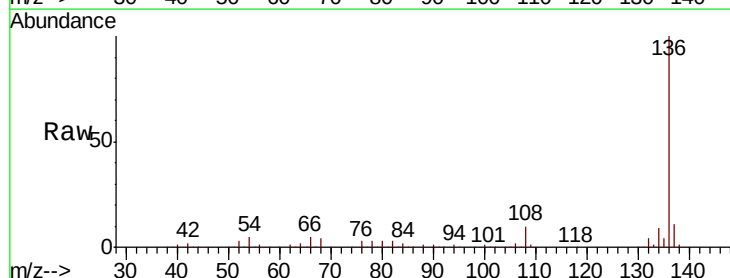
Ion Ratio Lower Upper

136 100

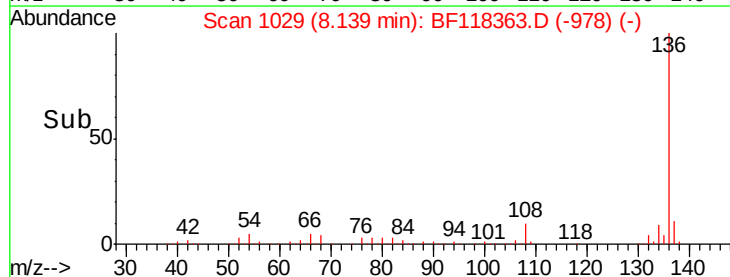
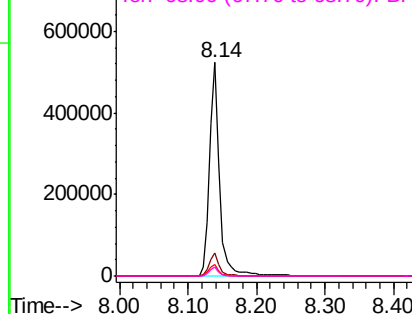
137 11.1 8.9 13.3

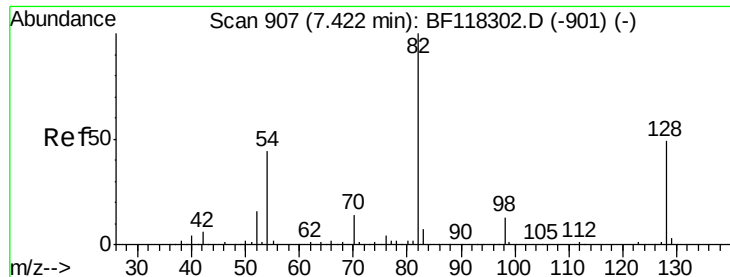
54 5.2 4.2 6.4

68 4.4 3.5 5.3



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

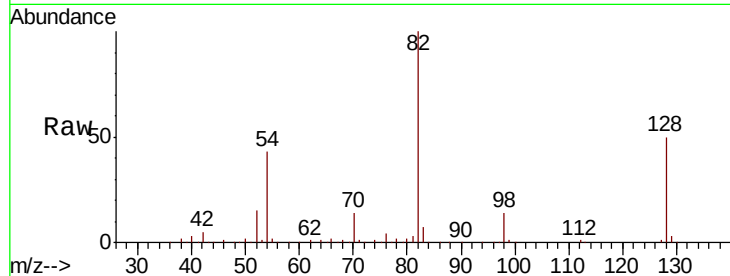




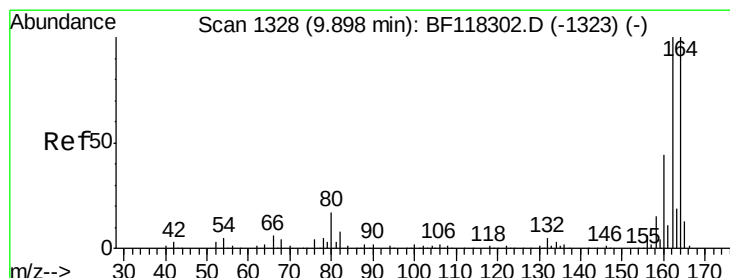
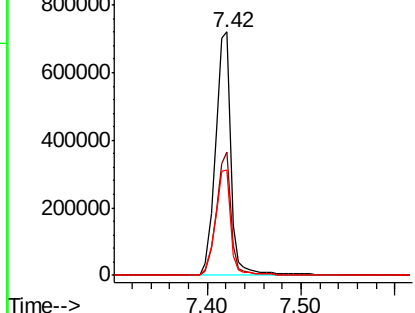
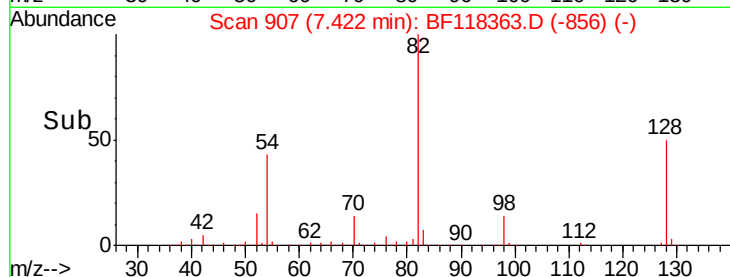
#23
Nitrobenzene-d5
Concen: 88.055 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF118363.D
Acq: 28 Dec 2019 14:09

Instrument :
BNA_F
ClientSampleId :
PB125767BL

Tot Ion: 82 Resp: 843267
Ion Ratio Lower Upper
82 100
128 50.5 39.6 59.4
54 43.4 34.9 52.3

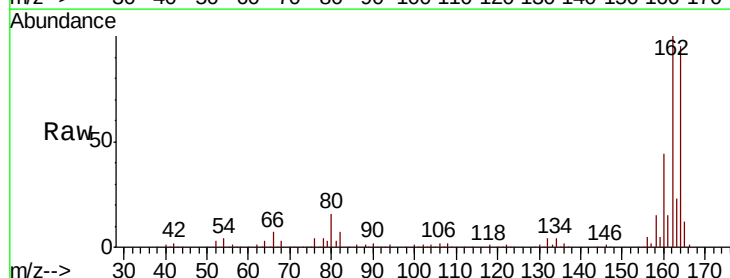


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

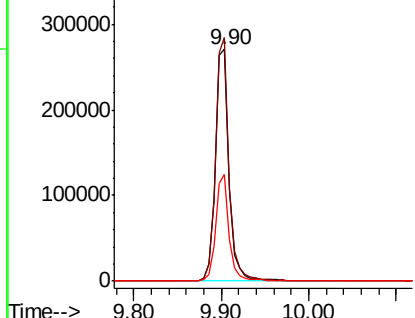
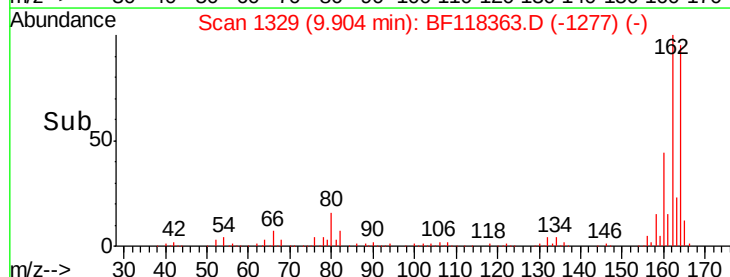


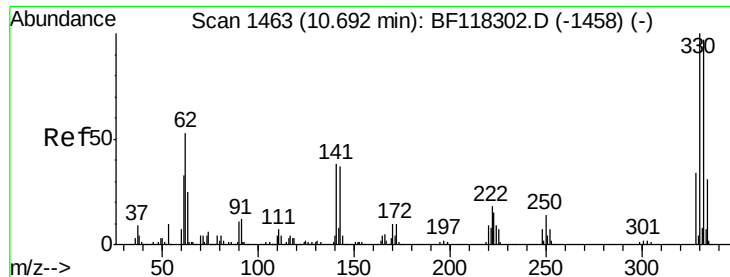
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118363.D
Acq: 28 Dec 2019 14:09

Tgt Ion: 164 Resp: 294650
Ion Ratio Lower Upper
164 100
162 104.9 80.0 120.0
160 45.7 34.8 52.2



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: 91.731 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF118363.D

Acq: 28 Dec 2019 14:09

Instrument :

BNA_F

ClientSampleId :

PB125767BL

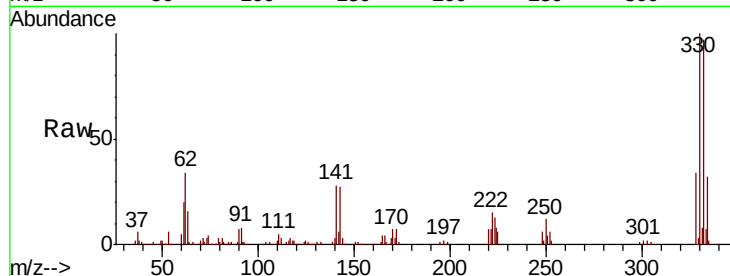
Tot Ion:330 Resp: 333782

Ion Ratio Lower Upper

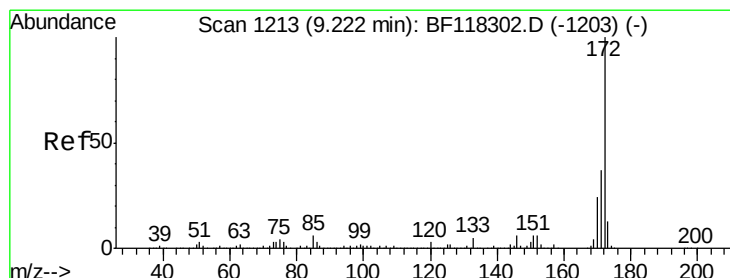
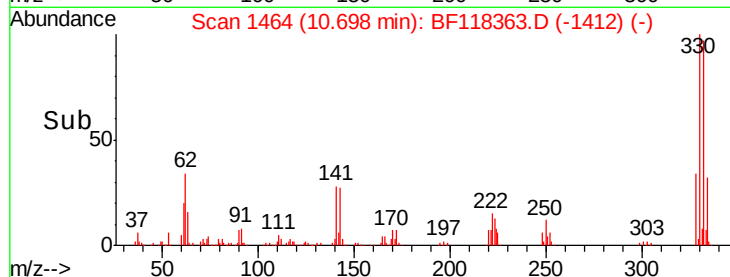
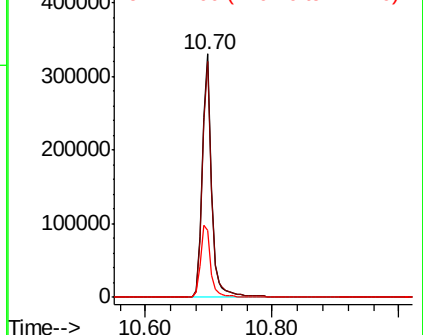
330 100

332 95.9 76.6 114.8

141 32.1 26.0 39.0



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: 94.635 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.00 min

Lab File: BF118363.D

Acq: 28 Dec 2019 14:09

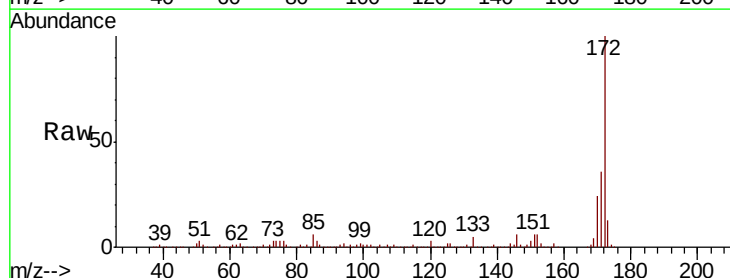
Tgt Ion:172 Resp: 1826718

Ion Ratio Lower Upper

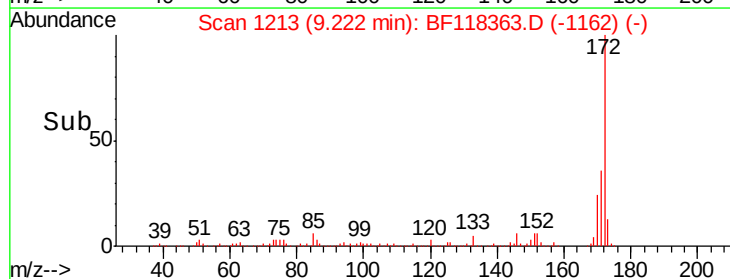
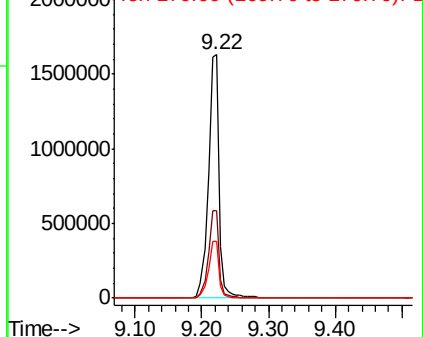
172 100

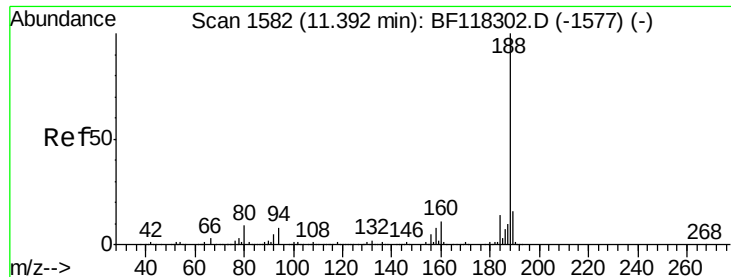
171 36.1 29.3 43.9

170 23.5 19.2 28.8



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

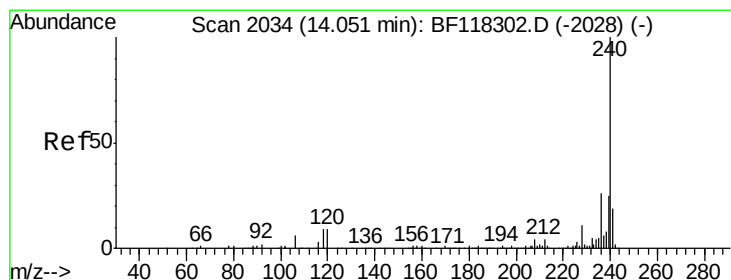
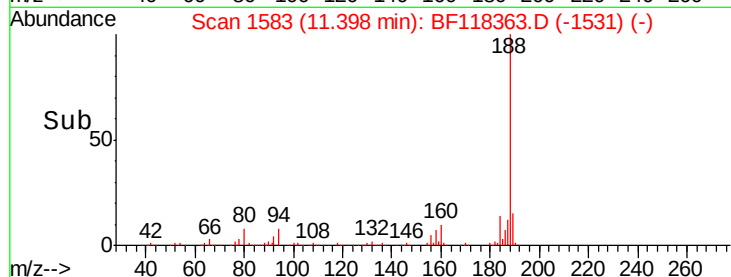
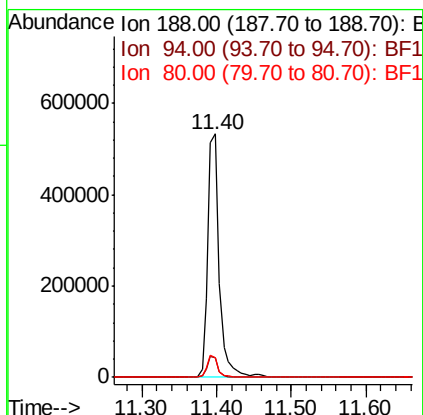
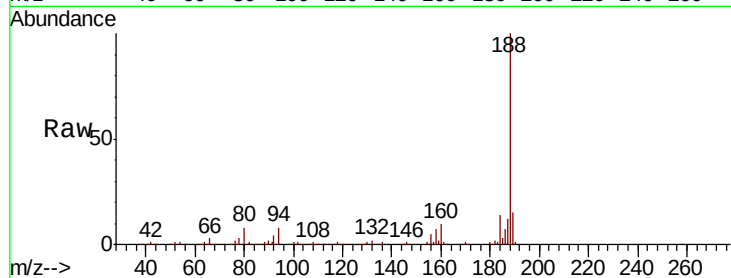




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BF118363.D
Acq: 28 Dec 2019 14:09

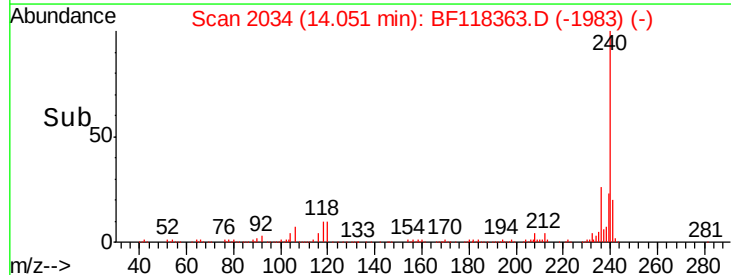
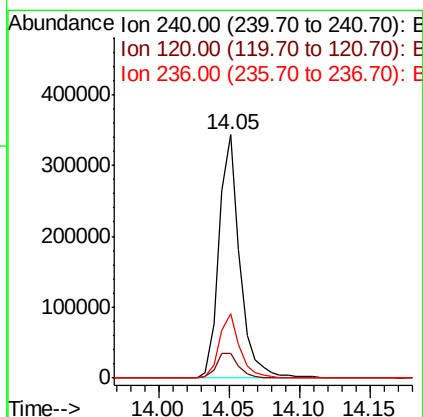
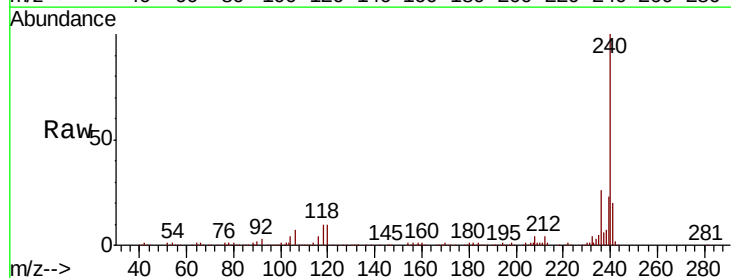
Instrument :
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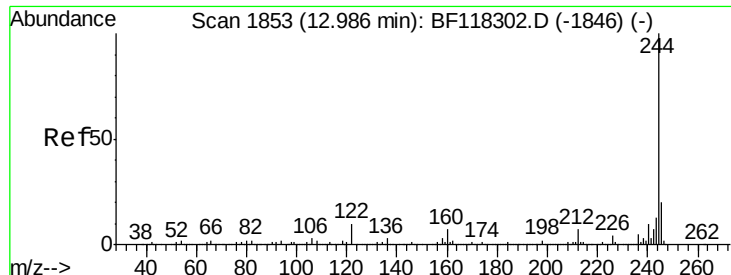
Tot Ion:188 Resp: 574135
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF118363.D
Acq: 28 Dec 2019 14:09

Tgt Ion:240 Resp: 353573
Ion Ratio Lower Upper
240 100
120 10.4 7.1 10.7
236 26.3 21.0 31.6





#79

Terphenyl-d14

Concen: 101.022 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF118363.D

Acq: 28 Dec 2019 14:09

Instrument :

BNA_F

ClientSampled :

PB125767BL

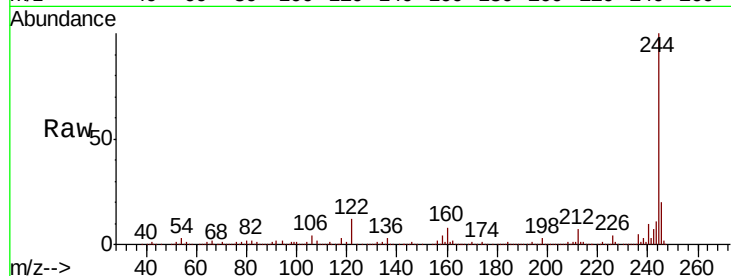
Tot Ion:244 Resp: 2152978

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

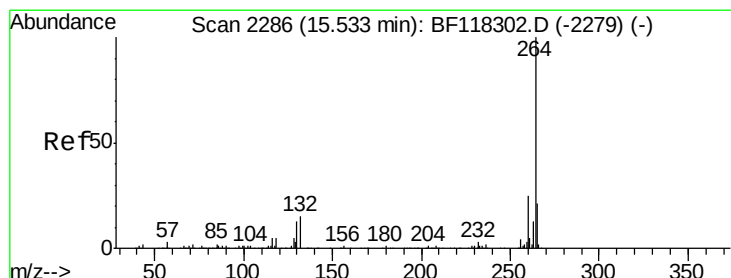
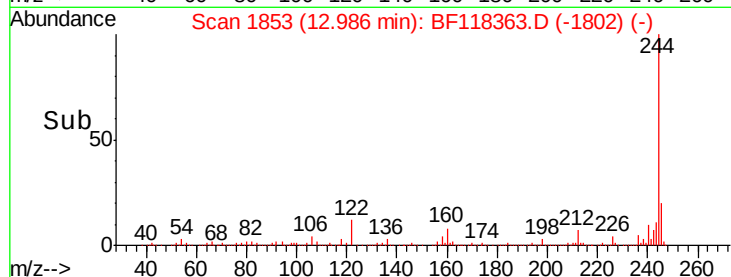
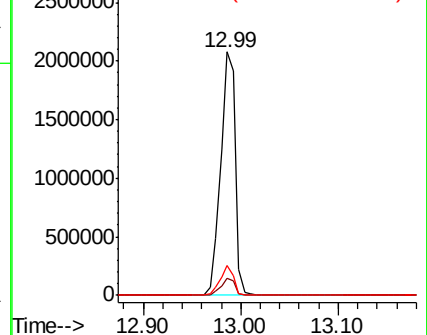
122 12.4 7.8 11.8#



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: BF118363.D

Acq: 28 Dec 2019 14:09

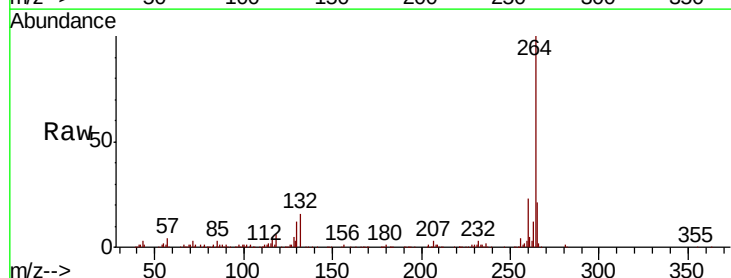
Tgt Ion:264 Resp: 296729

Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 21.2 17.0 25.4



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

