

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031020\
 Data File : BF119314.D
 Acq On : 10 Mar 2020 13:40
 Operator : CG/JU
 Sample : PB127381BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127381BL

Quant Time: Mar 11 02:13:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	114606	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	445045	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	259870	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	522946	20.00	ng	0.00
76) Chrysene-d12	13.89	240	354854	20.00	ng	0.00
87) Perylene-d12	15.32	264	293461	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	928105	135.34	ng	0.02
7) Phenol-d6	6.39	99	1136969	136.32	ng	0.00
23) Nitrobenzene-d5	7.29	82	760285	90.20	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	431886	127.04	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1538882	87.24	ng	0.00
79) Terphenyl-d14	12.83	244	2073759	100.61	ng	0.00

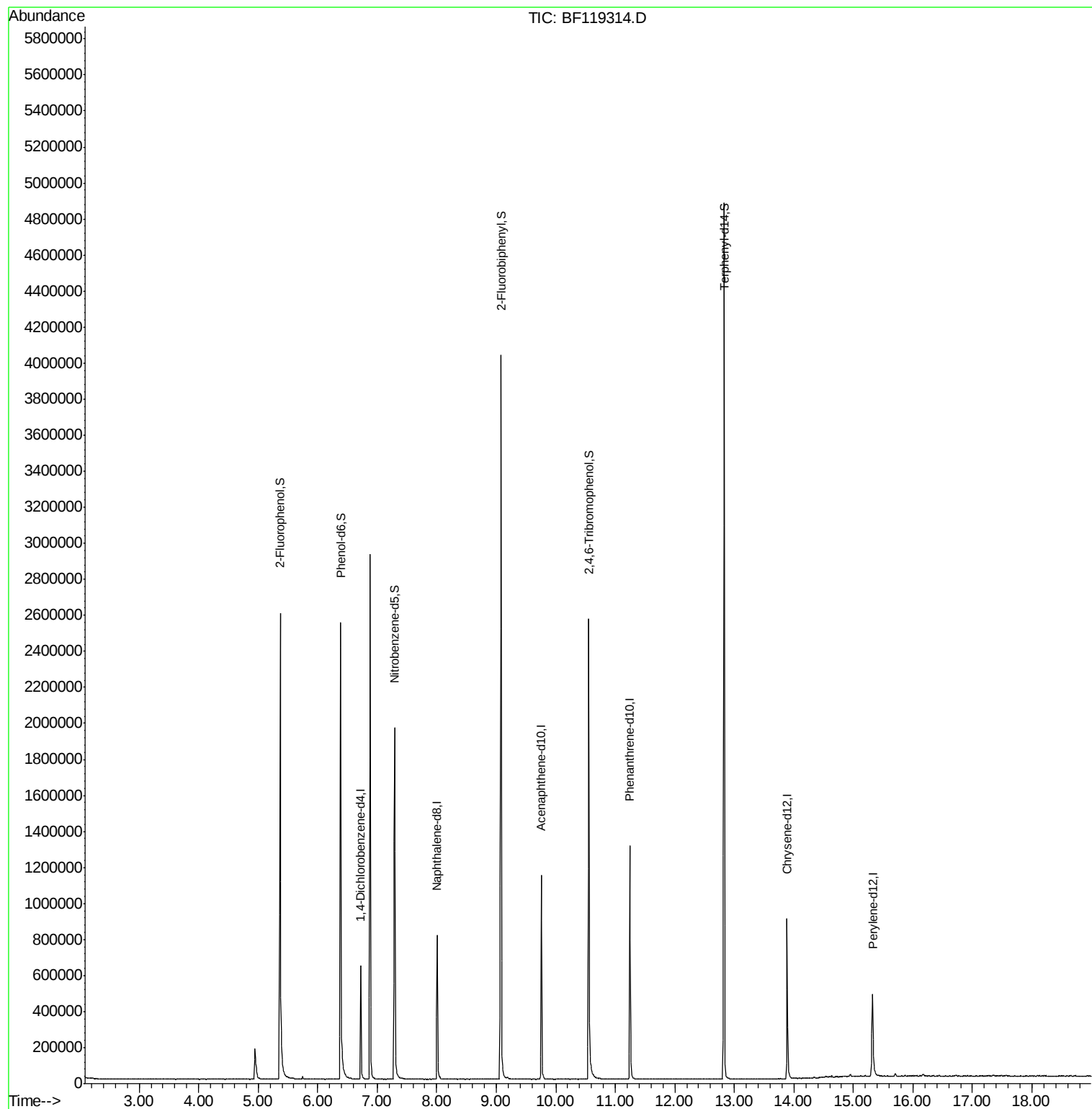
Target Compounds Qvalue

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

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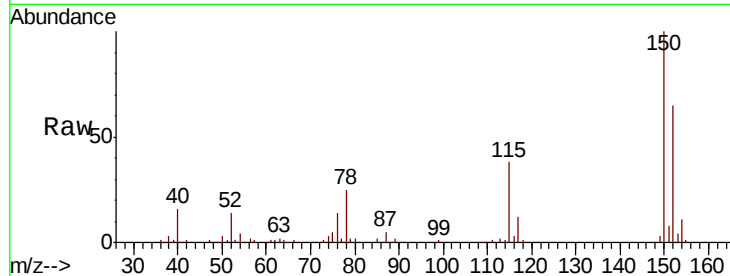


#1

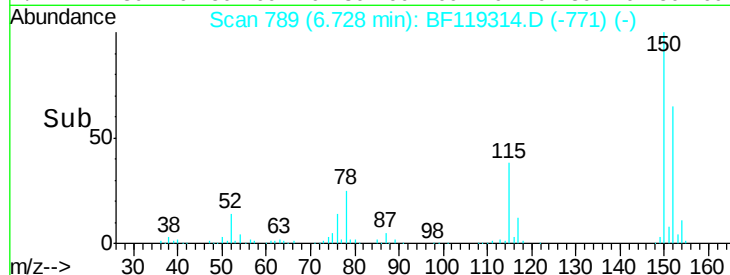
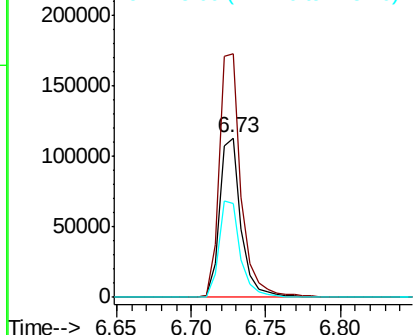
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF119314.D
Acq: 10 Mar 2020 13:40

Instrument :
BNA_F
ClientSampleId :
PB127381BL

Tot Ion:152 Resp: 114606
Ion Ratio Lower Upper
152 100
150 153.0 123.0 184.6
115 58.7 49.5 74.3



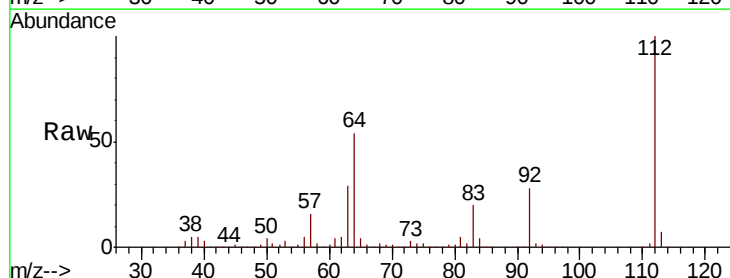
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



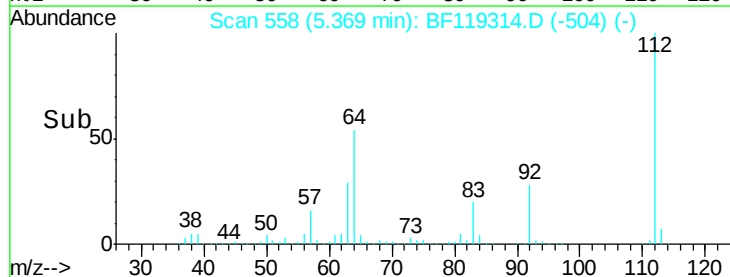
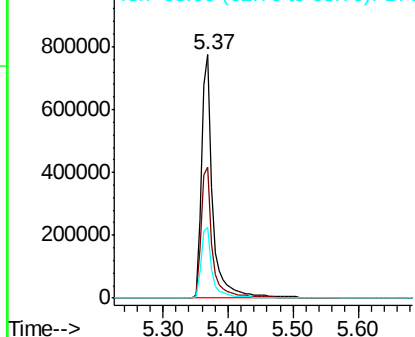
#5

2-Fluorophenol
Concen: 135.336 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF119314.D
Acq: 10 Mar 2020 13:40

Tgt Ion:112 Resp: 928105
Ion Ratio Lower Upper
112 100
64 54.0 45.0 67.4
63 28.9 24.2 36.4



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: 136.322 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF119314.D

Acq: 10 Mar 2020 13:40

Instrument :

BNA_F

ClientSampleId :

PB127381BL

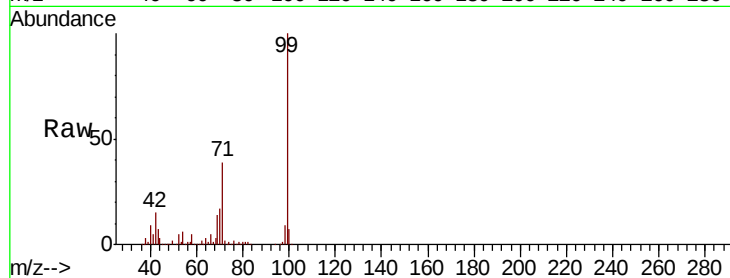
Tot Ion: 99 Resp: 1136969

Ion Ratio Lower Upper

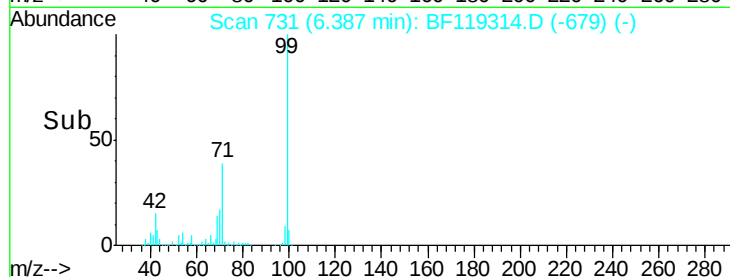
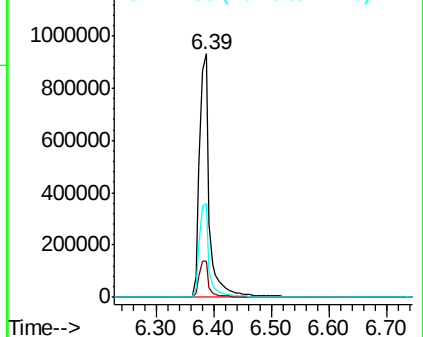
99 100

42 14.7 12.6 18.8

71 38.6 31.0 46.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119314.D

Acq: 10 Mar 2020 13:40

Tgt Ion: 136 Resp: 445045

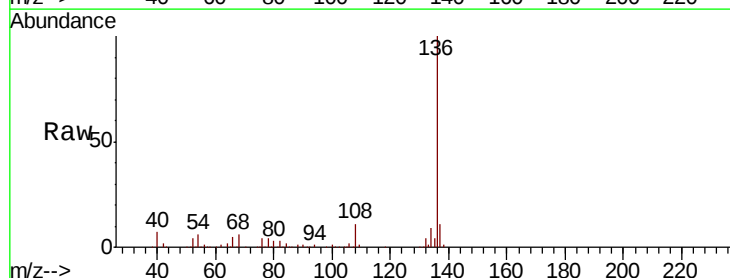
Ion Ratio Lower Upper

136 100

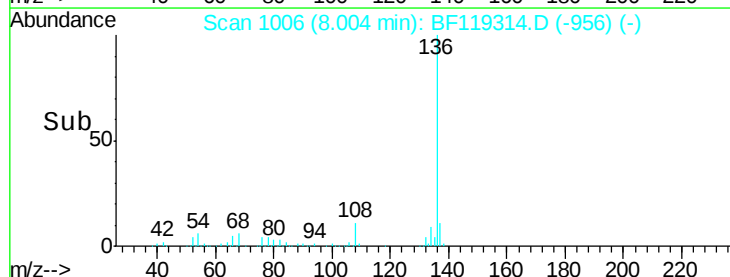
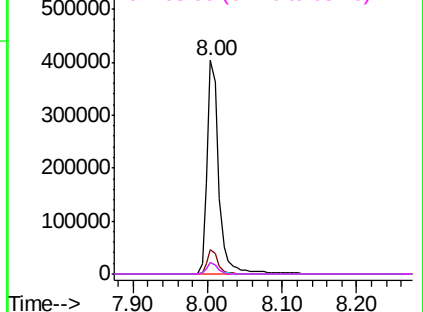
137 11.3 8.8 13.2

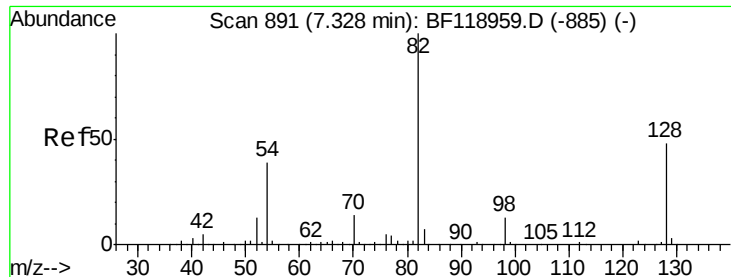
54 5.5 3.8 5.6

68 5.6 3.9 5.9



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

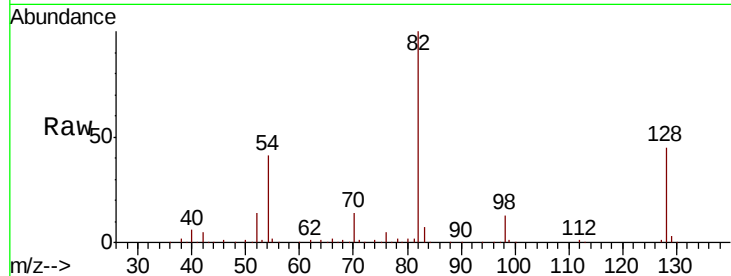




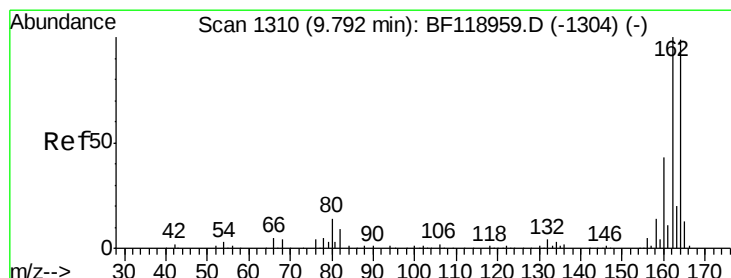
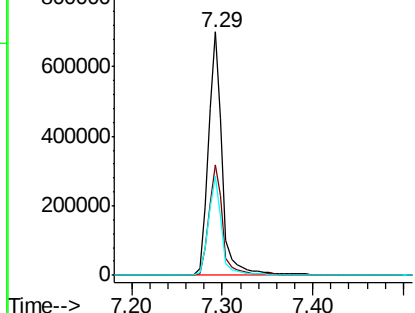
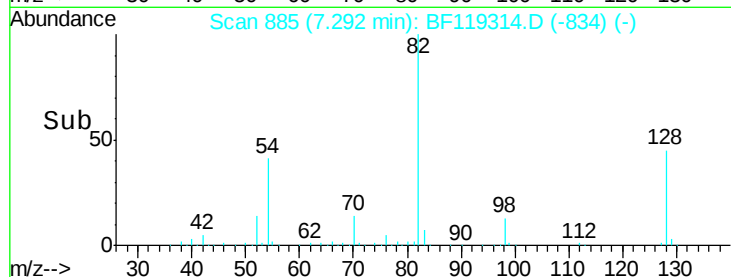
#23
Nitrobenzene-d5
Concen: 90.200 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF119314.D
Acq: 10 Mar 2020 13:40

Instrument :
BNA_F
ClientSampleId :
PB127381BL

Tot Ion: 82 Resp: 760285
Ion Ratio Lower Upper
82 100
128 45.2 37.9 56.9
54 40.6 33.4 50.2

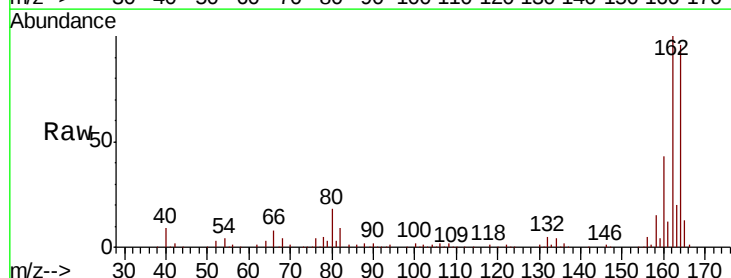


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

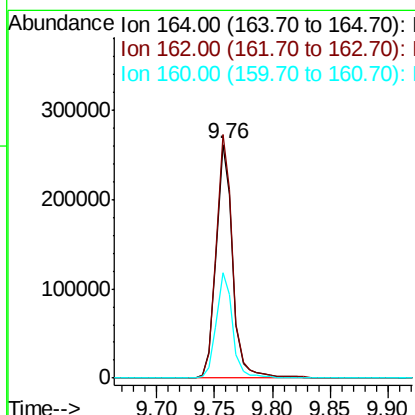
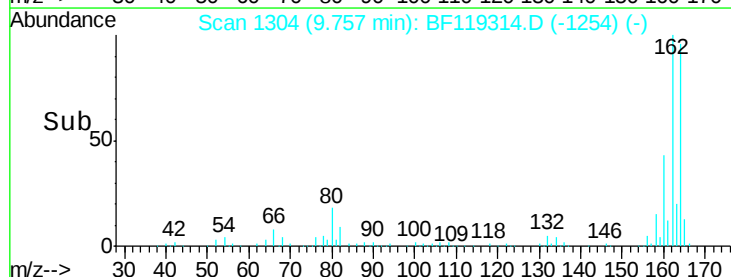


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119314.D
Acq: 10 Mar 2020 13:40

Tgt Ion:164 Resp: 259870
Ion Ratio Lower Upper
164 100
162 104.3 81.8 122.8
160 45.2 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

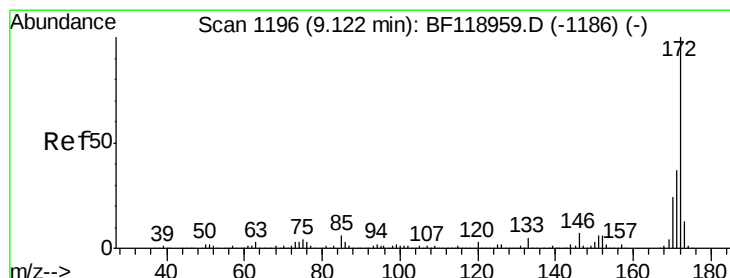
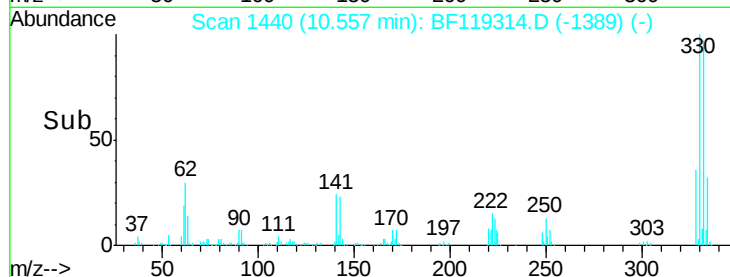
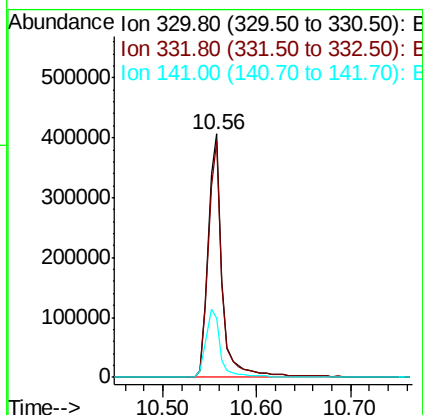
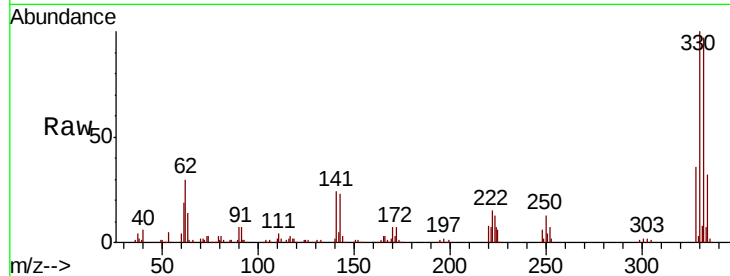




#42
 2,4,6-Tribromophenol
 Concen: 127.043 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF119314.D
 Acq: 10 Mar 2020 13:40

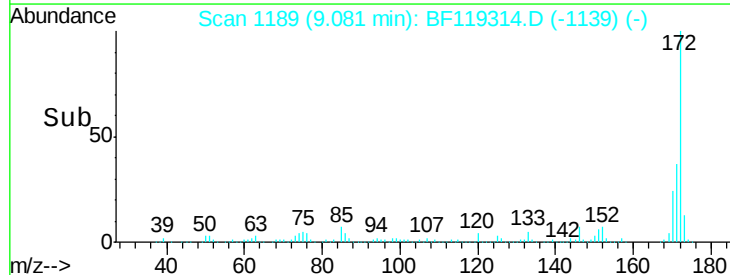
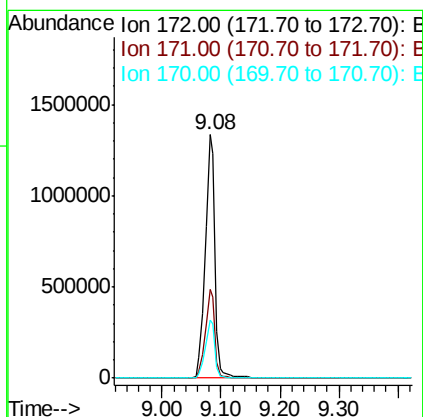
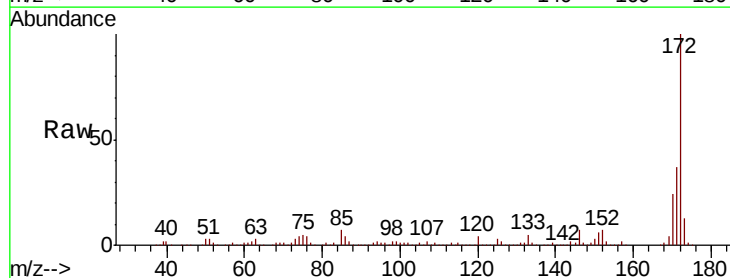
Instrument :
 BNA_F
 ClientSampleId :
 PB127381BL

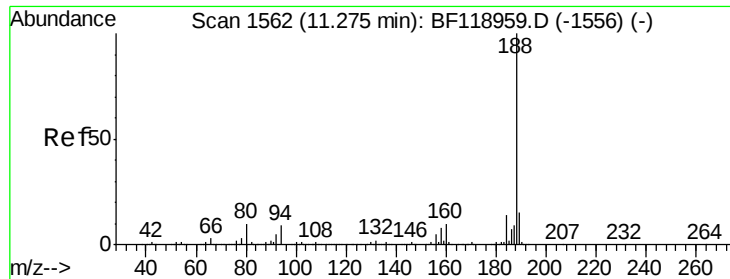
Tot Ion:330 Resp: 431886
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.0 114.0
 141 29.6 22.9 34.3



#45
 2-Fluorobiphenyl
 Concen: 87.237 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119314.D
 Acq: 10 Mar 2020 13:40

Tgt Ion:172 Resp: 1538882
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.6 45.8
 170 23.8 20.2 30.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF119314.D

Acq: 10 Mar 2020 13:40

Instrument :

BNA_F

ClientSampleId :

PB127381BL

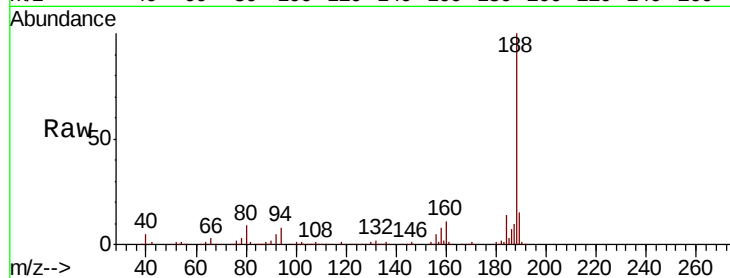
Tot Ion:188 Resp: 522946

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

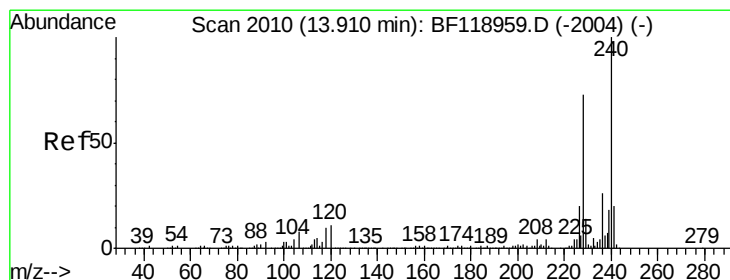
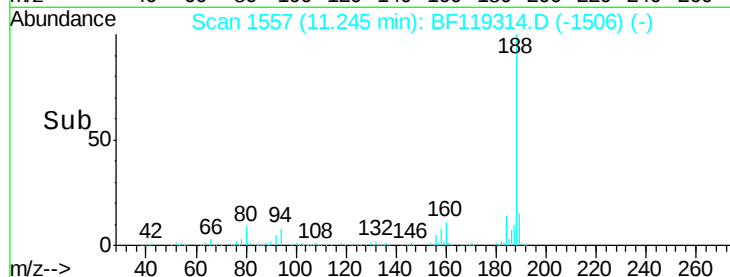
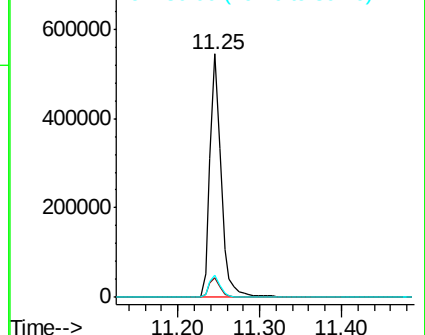
80 9.1 7.8 11.8



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: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF119314.D

Acq: 10 Mar 2020 13:40

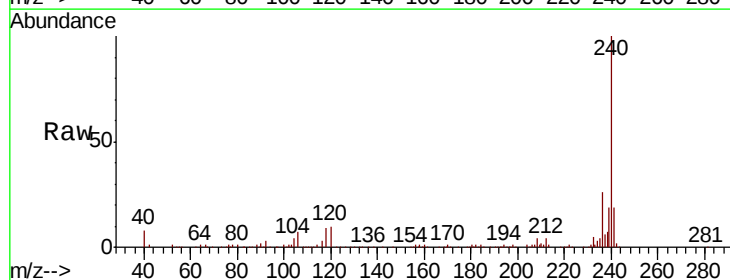
Tgt Ion:240 Resp: 354854

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

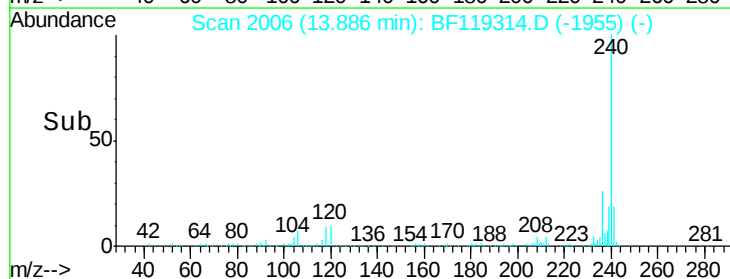
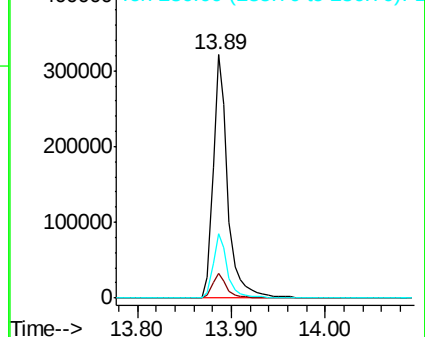
236 26.2 21.0 31.4

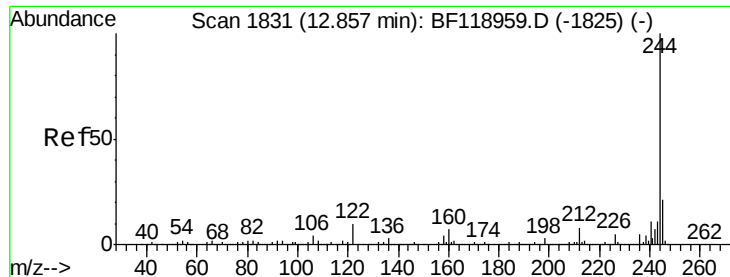


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 100.614 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF119314.D

Acq: 10 Mar 2020 13:40

Instrument :

BNA_F

ClientSampleId :

PB127381BL

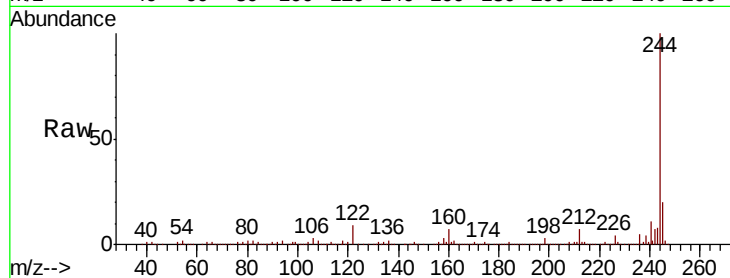
Tot Ion:244 Resp: 2073759

Ion Ratio Lower Upper

244 100

212 7.4 6.6 10.0

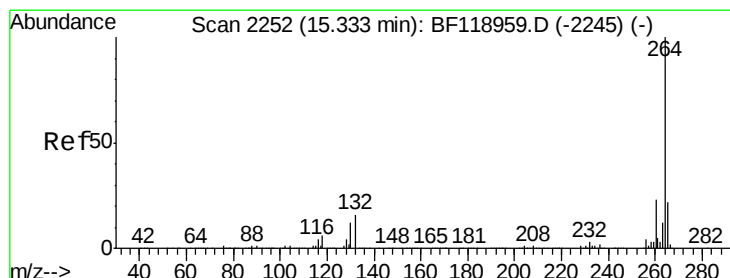
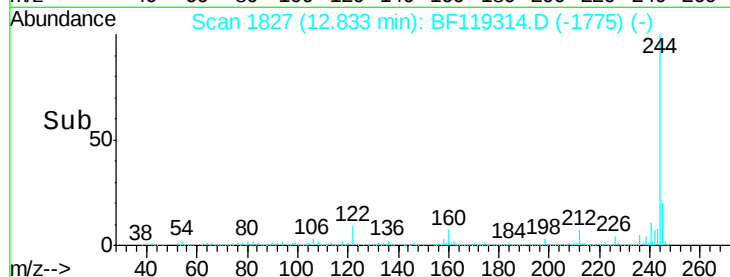
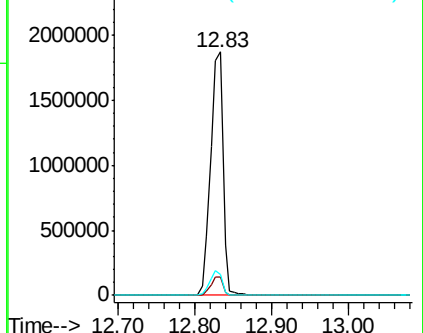
122 8.8 8.2 12.2



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: 15.32 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BF119314.D

Acq: 10 Mar 2020 13:40

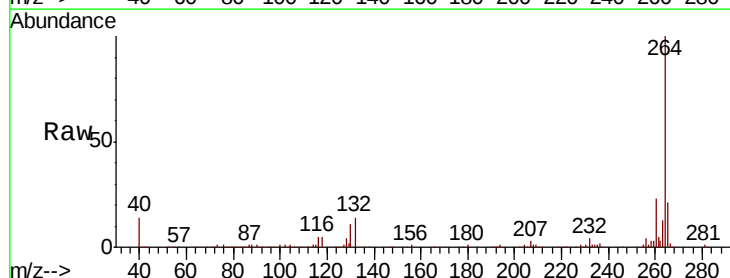
Tgt Ion:264 Resp: 293461

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 20.9 17.7 26.5



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

