

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120491.D
 Acq On : 2 Jun 2020 13:34
 Operator : JU/CG
 Sample : PB129235BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB129235BL

Quant Time: Jun 02 14:47:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 02 11:37:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	186934	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	671639	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	326323	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	560807	20.00	ng	0.00
76) Chrysene-d12	14.00	240	439494	20.00	ng	-0.01
86) Perylene-d12	15.47	264	449592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1276011	130.09	ng	0.00
7) Phenol-d6	6.48	99	1563673	129.33	ng	0.00
23) Nitrobenzene-d5	7.41	82	997829	97.18	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	404593	133.81	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1758336	91.42	ng	0.00
79) Terphenyl-d14	12.96	244	1783203	90.29	ng	0.00

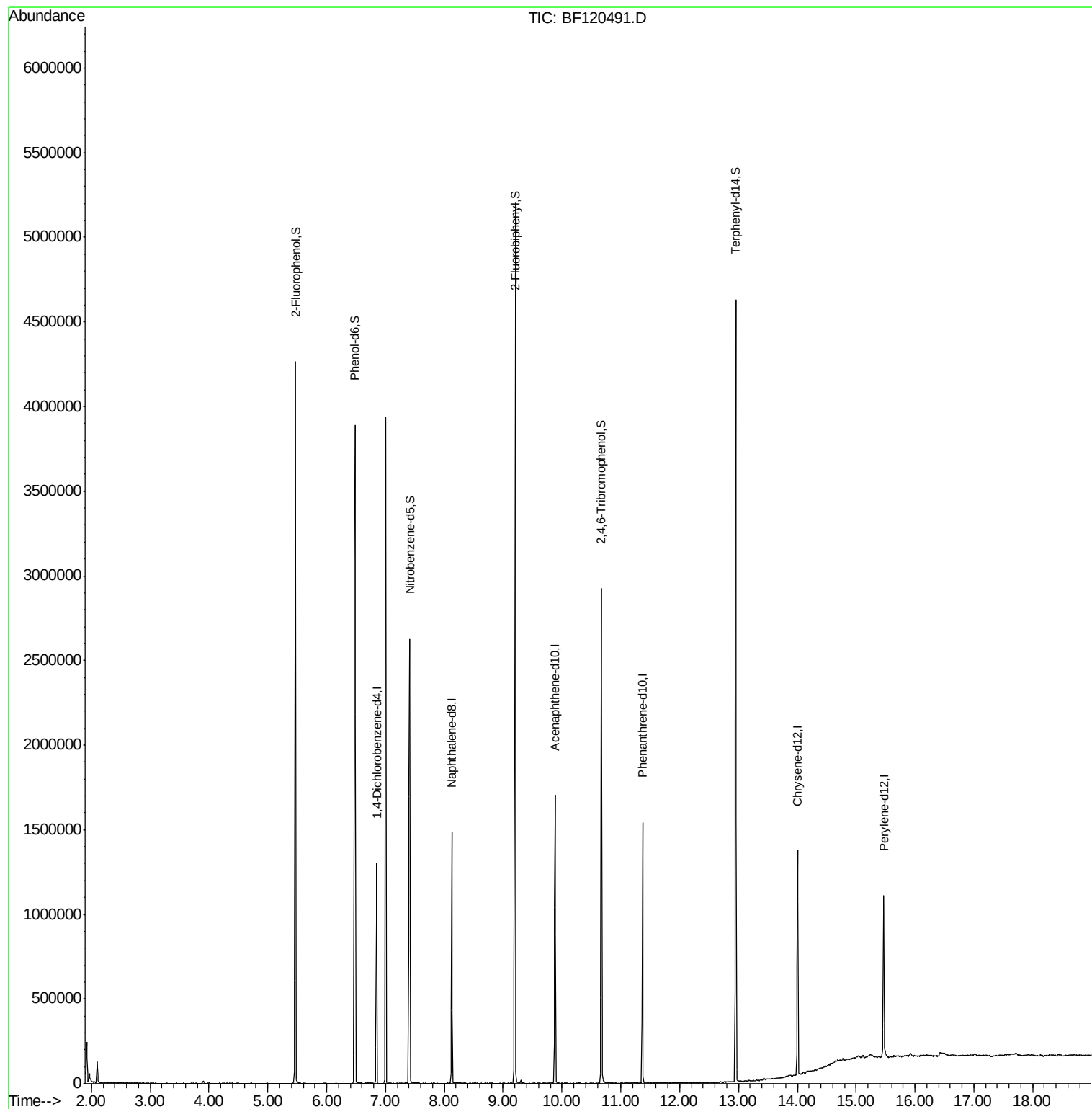
Target Compounds Qvalue

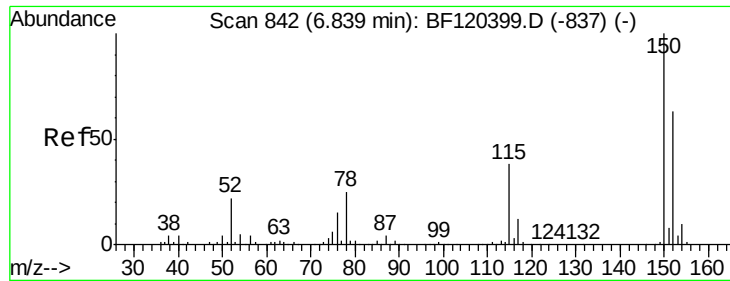
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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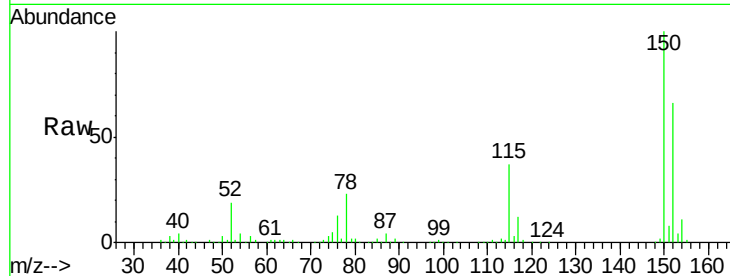


#1

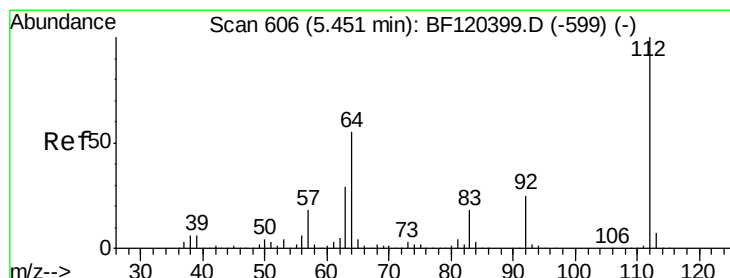
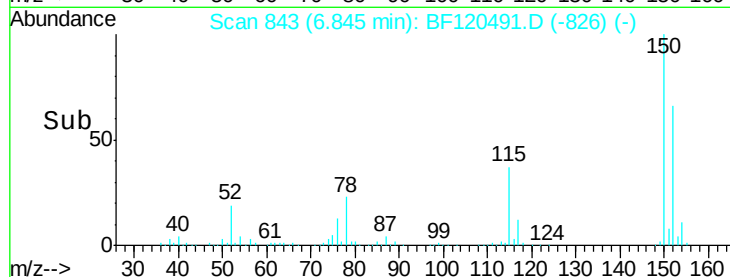
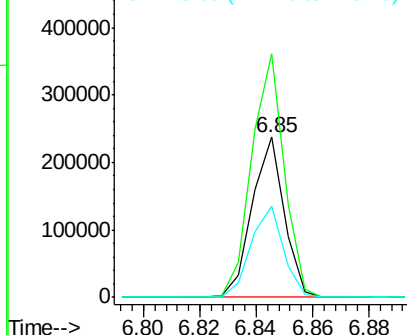
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF120491.D
Acq: 2 Jun 2020 13:34

Instrument :
BNA_F
ClientSampleId :
PB129235BL

Tot Ion:152 Resp: 186934
Ion Ratio Lower Upper
152 100
150 152.1 126.7 190.1
115 57.0 46.2 69.2



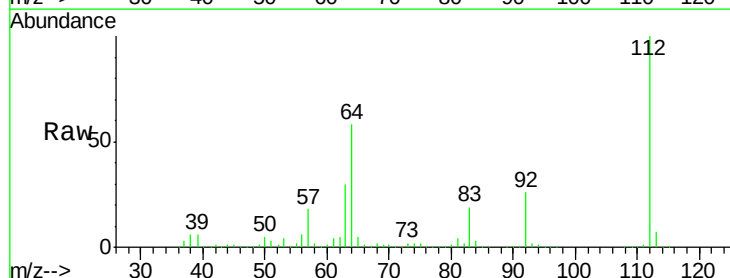
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



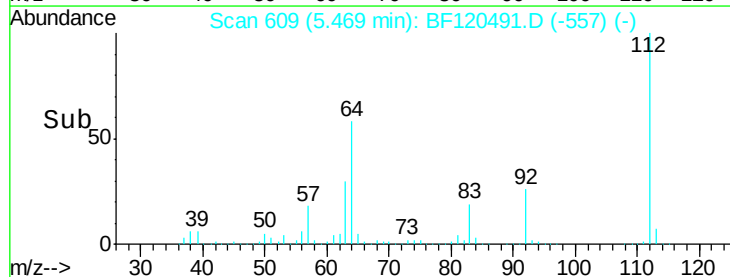
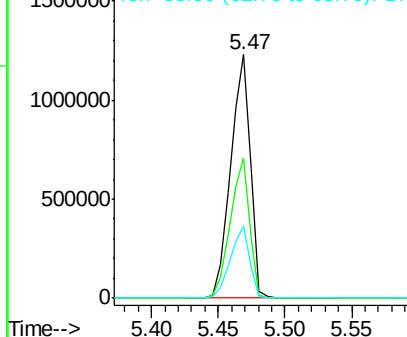
#5

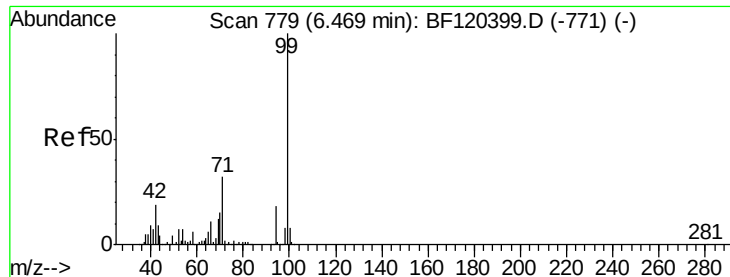
2-Fluorophenol
Concen: 130.086 ng
RT: 5.47 min Scan# 609
Delta R.T. 0.01 min
Lab File: BF120491.D
Acq: 2 Jun 2020 13:34

Tgt Ion:112 Resp: 1276011
Ion Ratio Lower Upper
112 100
64 57.7 46.3 69.5
63 29.7 24.2 36.2



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: 129.333 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF120491.D

Acq: 2 Jun 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB129235BL

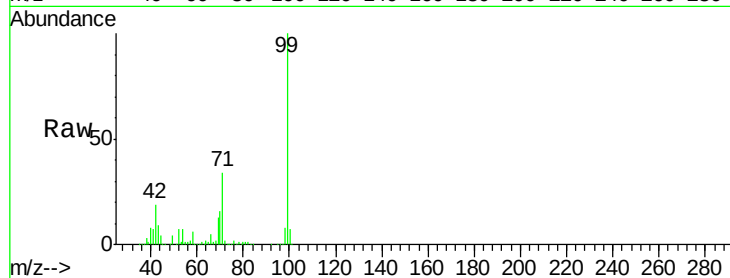
Tot Ion: 99 Resp: 1563673

Ion Ratio Lower Upper

99 100

42 19.1 15.1 22.7

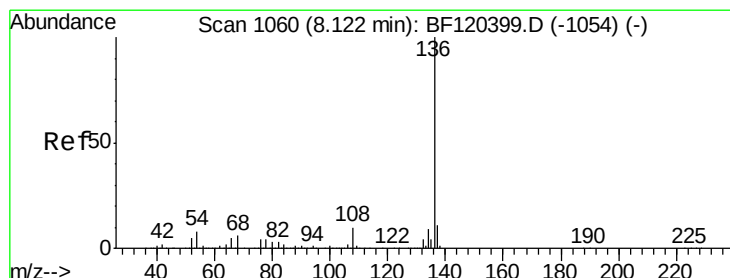
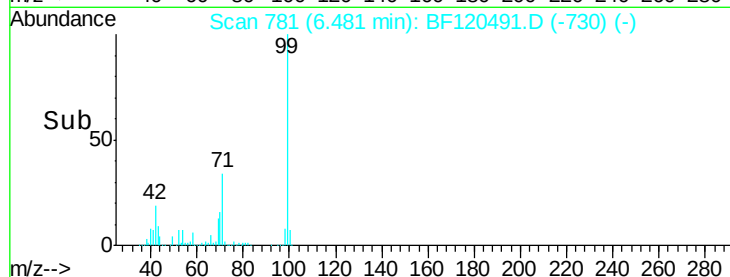
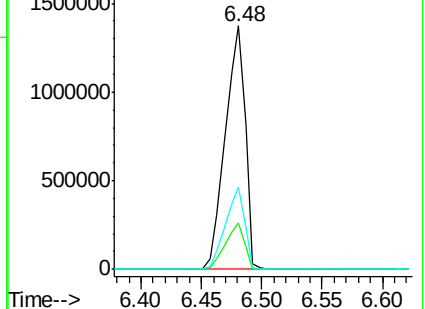
71 34.1 26.2 39.4



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: 8.13 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF120491.D

Acq: 2 Jun 2020 13:34

Tgt Ion: 136 Resp: 671639

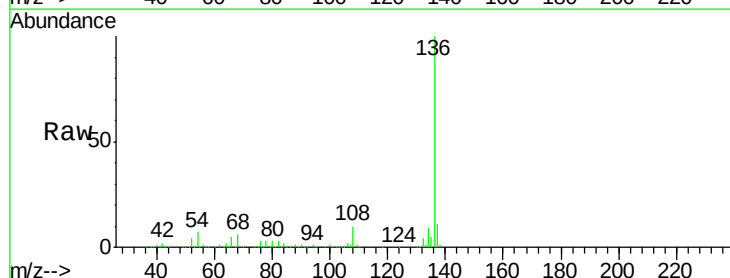
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.1 6.2 9.4

68 5.6 5.0 7.6

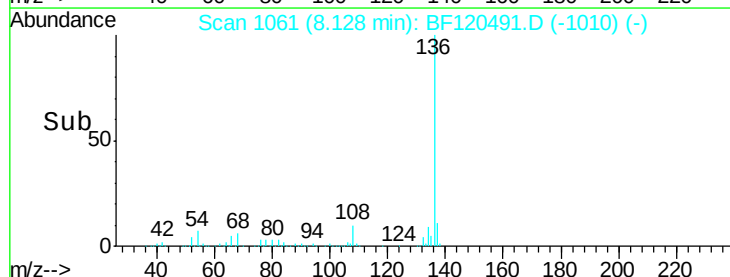
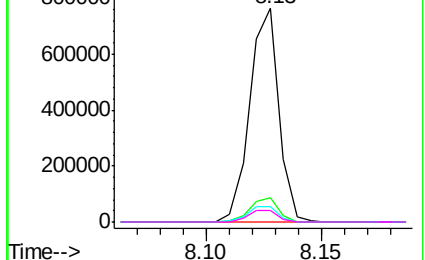


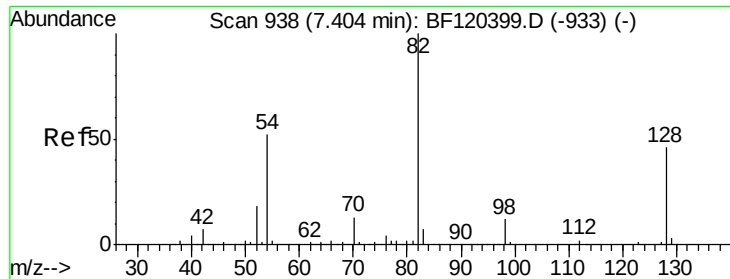
Abundance Ion 136.00 (135.70 to 136.70): E

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

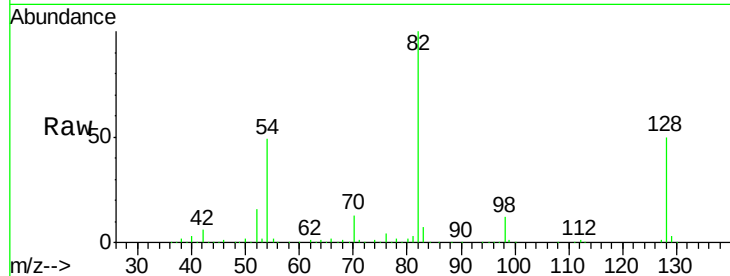




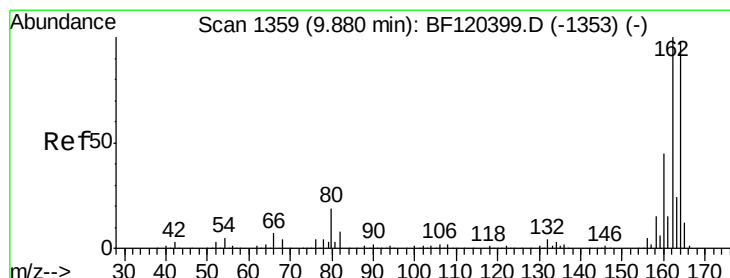
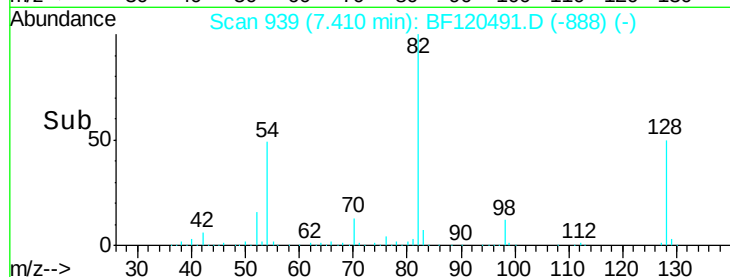
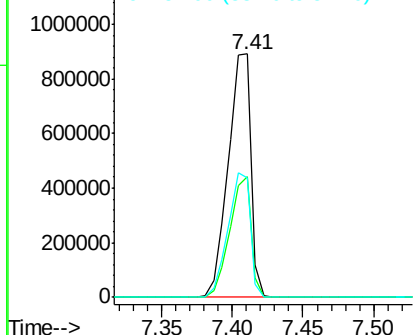
#23
Nitrobenzene-d5
Concen: 97.182 ng
RT: 7.41 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF120491.D
Acq: 2 Jun 2020 13:34

Instrument :
BNA_F
ClientSampleId :
PB129235BL

Tot Ion: 82 Resp: 997829
Ion Ratio Lower Upper
82 100
128 49.6 37.0 55.6
54 48.9 41.0 61.4

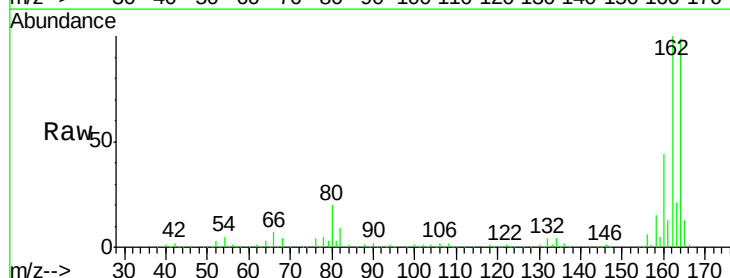


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

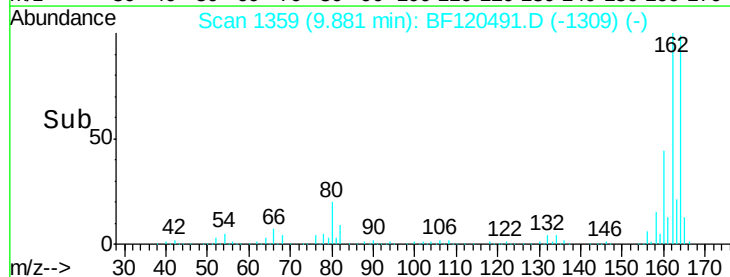
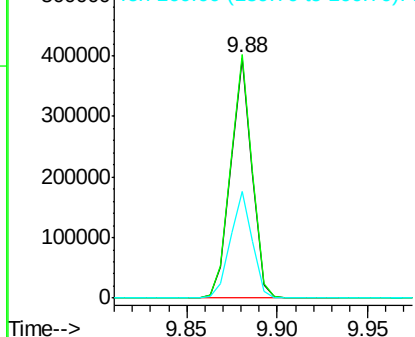


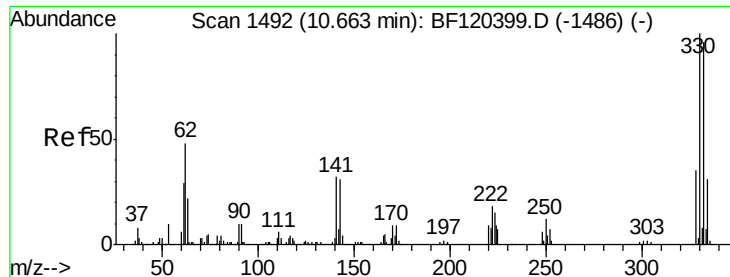
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF120491.D
Acq: 2 Jun 2020 13:34

Tgt Ion:164 Resp: 326323
Ion Ratio Lower Upper
164 100
162 101.5 81.9 122.9
160 44.6 37.4 56.0



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

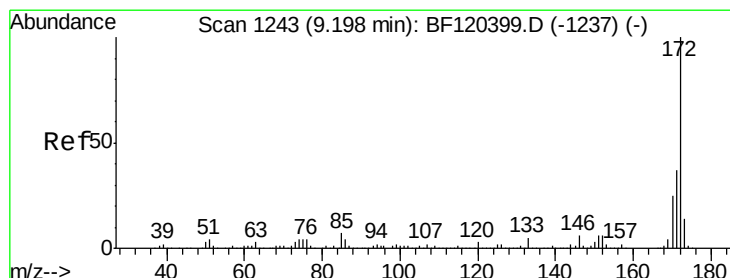
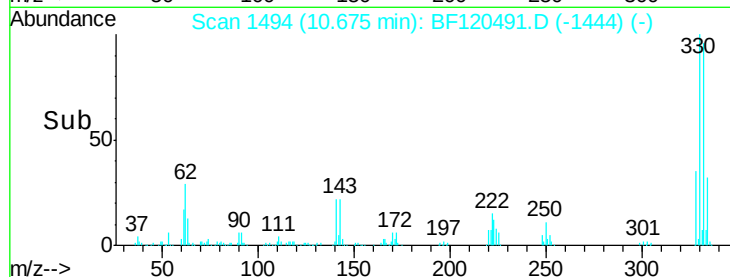
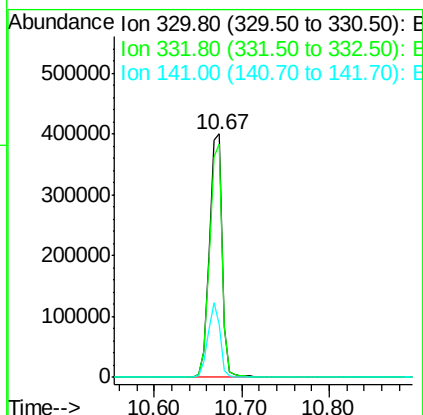
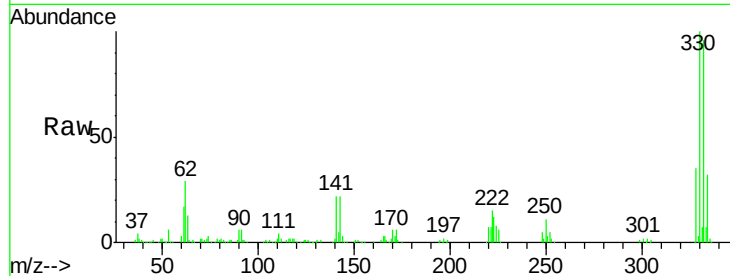




#42
 2,4,6-Tribromophenol
 Concen: 133.815 ng
 RT: 10.67 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF120491.D
 Acq: 2 Jun 2020 13:34

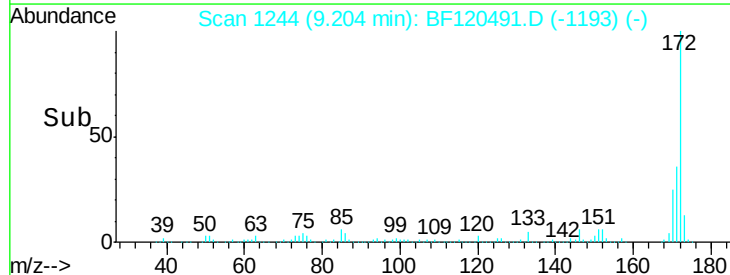
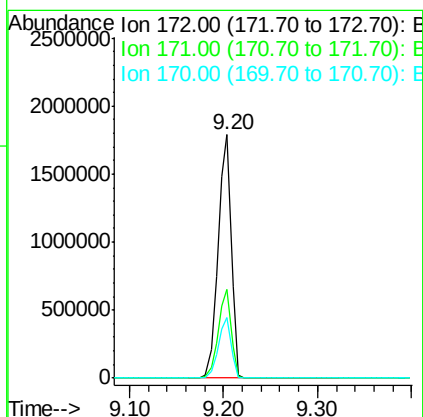
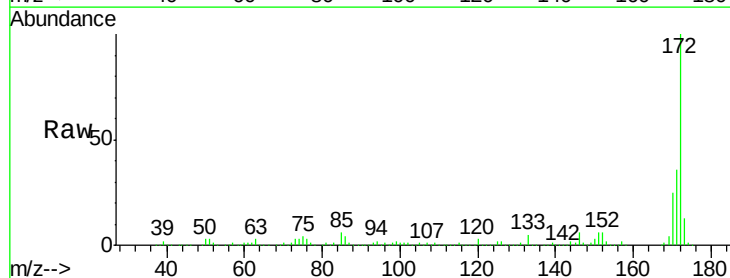
Instrument :
 BNA_F
 ClientSampleId :
 PB129235BL

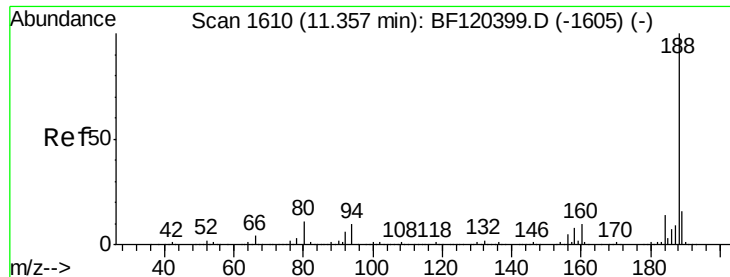
Tot Ion:330 Resp: 404593
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.8 115.2
 141 29.0 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 91.423 ng
 RT: 9.20 min Scan# 1244
 Delta R.T. 0.00 min
 Lab File: BF120491.D
 Acq: 2 Jun 2020 13:34

Tgt Ion:172 Resp: 1758336
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.8 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1612

Delta R.T. -0.01 min

Lab File: BF120491.D

Acq: 2 Jun 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB129235BL

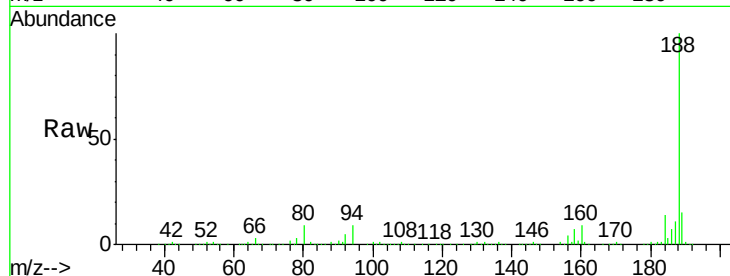
Tot Ion:188 Resp: 560807

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

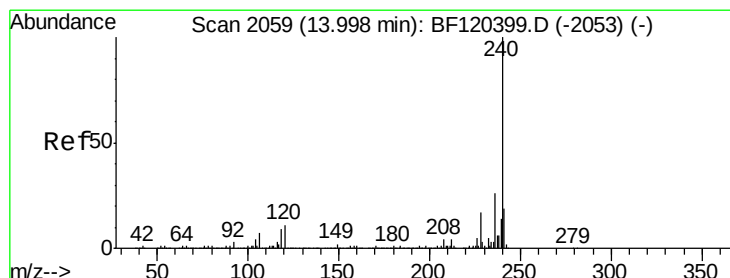
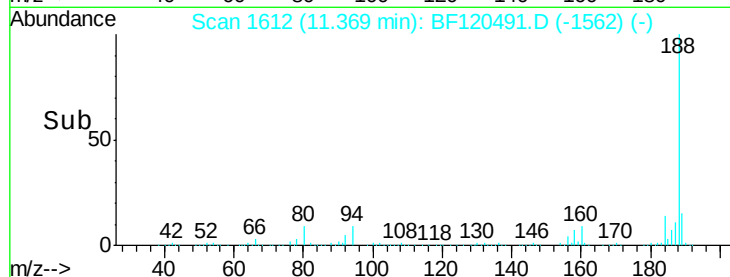
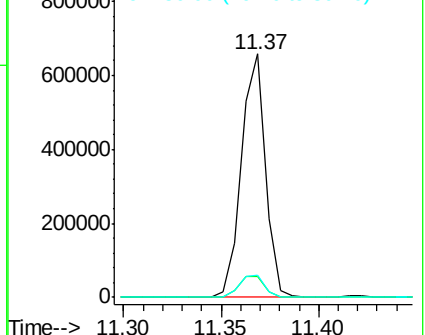
80 9.1 7.1 10.7



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: 14.00 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BF120491.D

Acq: 2 Jun 2020 13:34

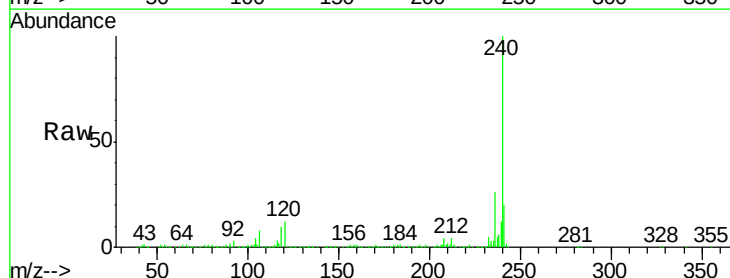
Tgt Ion:240 Resp: 439494

Ion Ratio Lower Upper

240 100

120 11.9 9.9 14.9

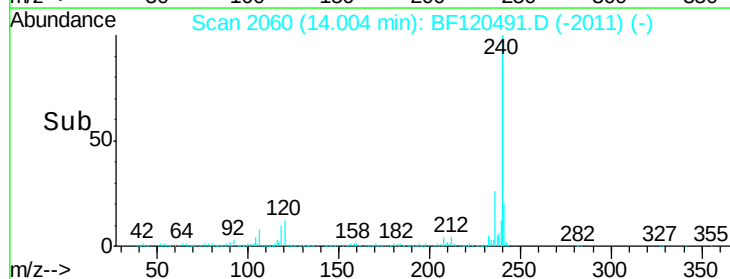
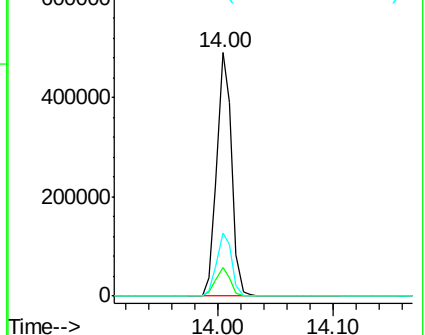
236 26.0 21.0 31.6

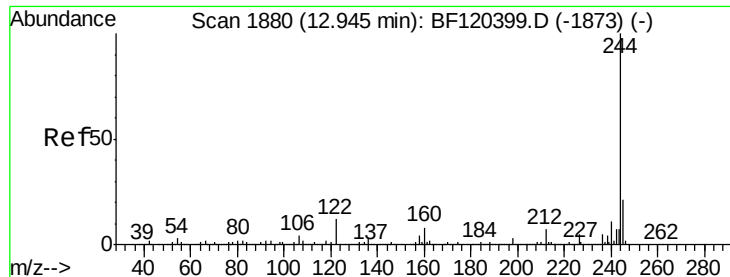


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.287 ng

RT: 12.96 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BF120491.D

Acq: 2 Jun 2020 13:34

Instrument :

BNA_F

ClientSampleId :

PB129235BL

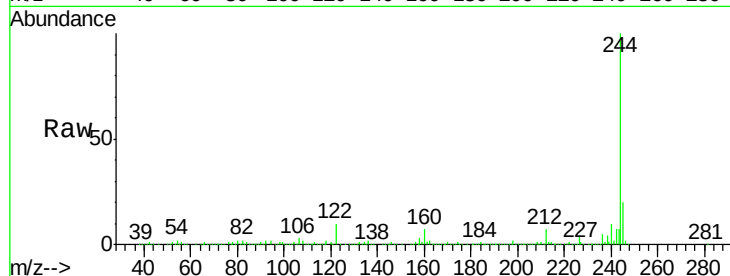
Tot Ion:244 Resp: 1783203

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

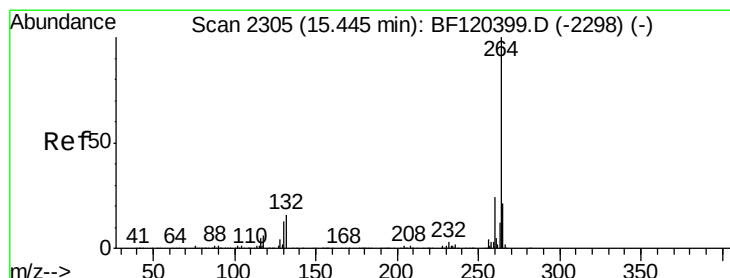
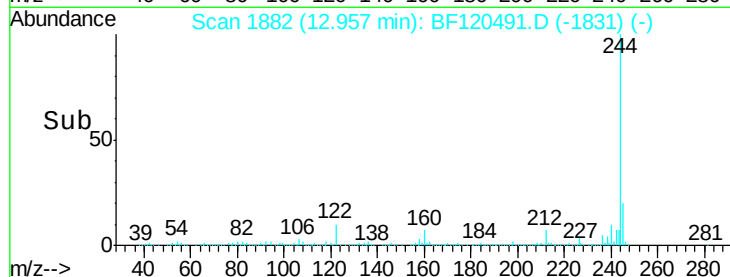
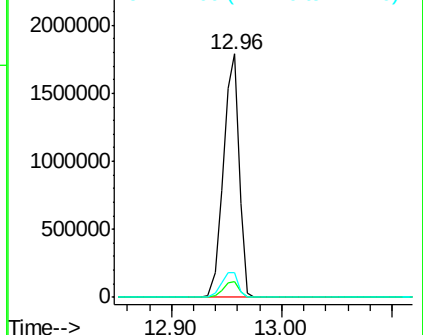
122 10.4 8.7 13.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2309

Delta R.T. -0.01 min

Lab File: BF120491.D

Acq: 2 Jun 2020 13:34

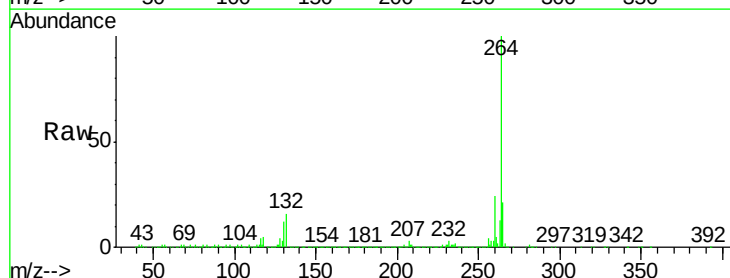
Tgt Ion:264 Resp: 449592

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.2 17.6 26.4



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

