

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118280.D
 Acq On : 19 Dec 2019 15:34
 Operator : JU
 Sample : PB125583TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125583TB

Quant Time: Dec 20 03:00:57 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	124045	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	479234	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	258765	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	494874	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	319854	20.00	ng	-0.02
87) Perylene-d12	15.54	264	261790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	952923	134.55	ng	0.00
7) Phenol-d6	6.49	99	1192866	139.25	ng	0.00
23) Nitrobenzene-d5	7.43	82	715391	83.98	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	416177	132.39	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1499248	88.16	ng	-0.01
79) Terphenyl-d14	12.99	244	1848941	99.40	ng	-0.01

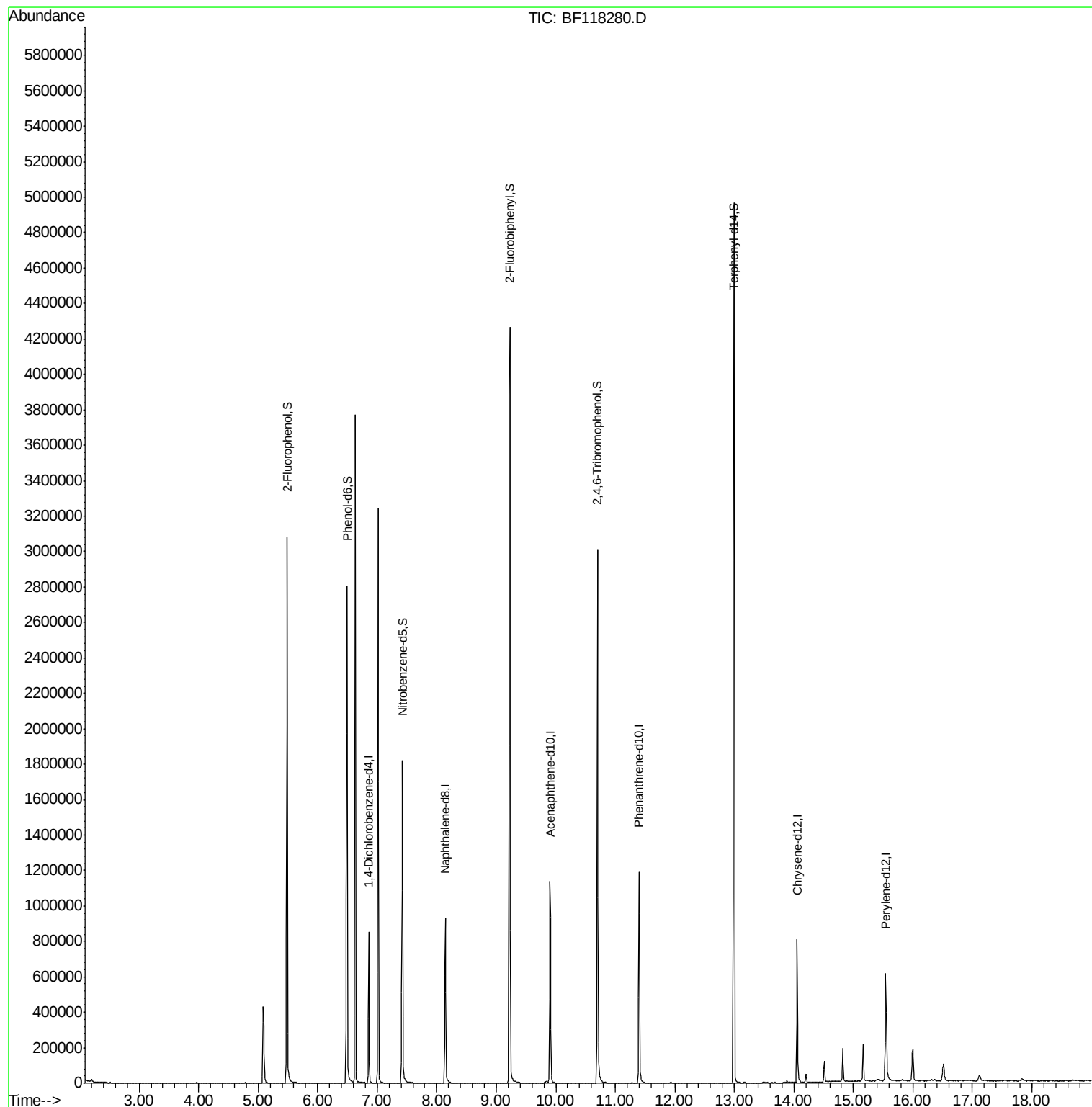
Target Compounds Qvalue

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

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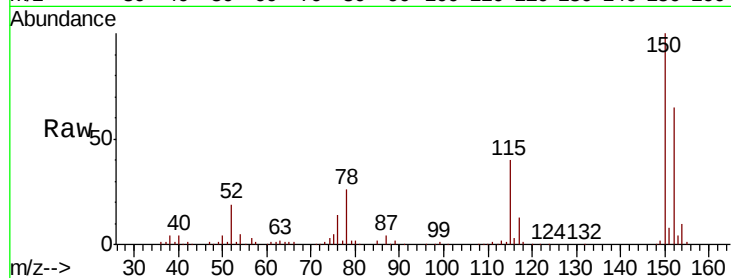


#1

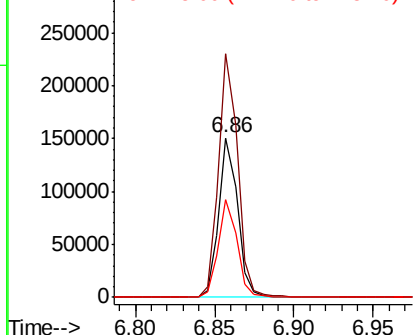
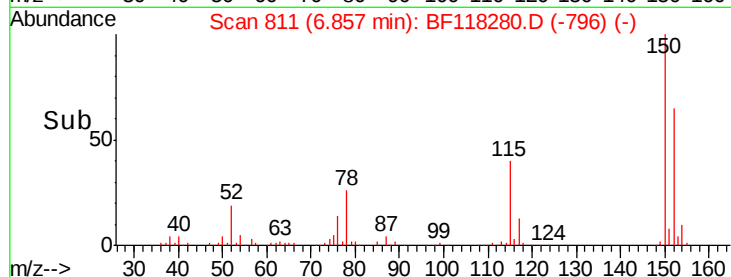
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118280.D
Acq: 19 Dec 2019 15:34

Instrument :
BNA_F
ClientSampleId :
PB125583TB

Tot Ion:152 Resp: 124045
Ion Ratio Lower Upper
152 100
150 152.9 128.3 192.5
115 61.5 51.1 76.7



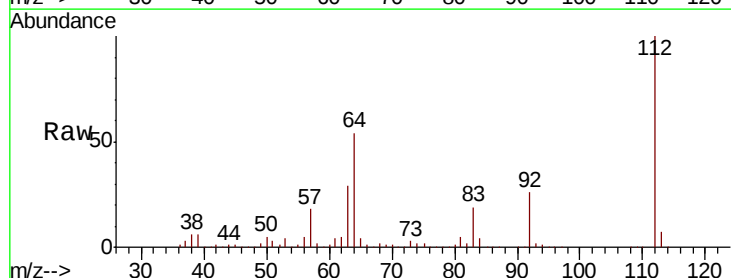
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



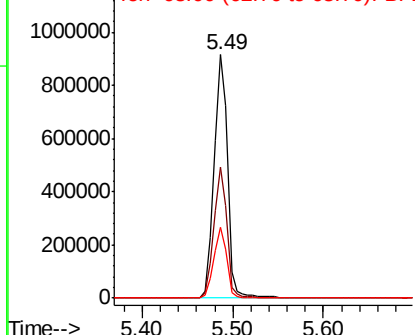
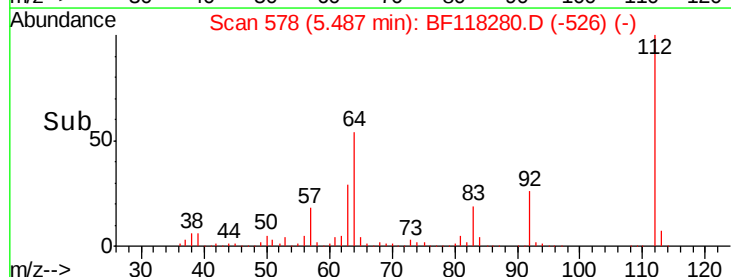
#5

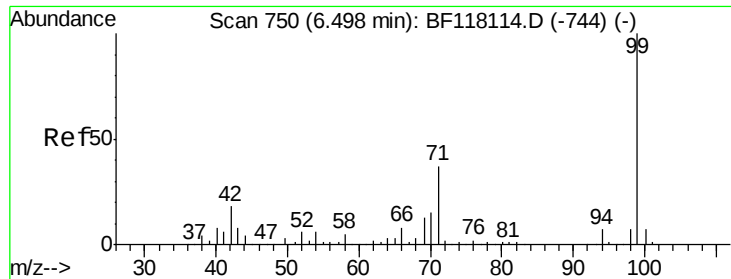
2-Fluorophenol
Concen: 134.549 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118280.D
Acq: 19 Dec 2019 15:34

Tgt Ion:112 Resp: 952923
Ion Ratio Lower Upper
112 100
64 54.0 41.3 61.9
63 29.2 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: 139.251 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118280.D

Acq: 19 Dec 2019 15:34

Instrument :

BNA_F

ClientSampleId :

PB125583TB

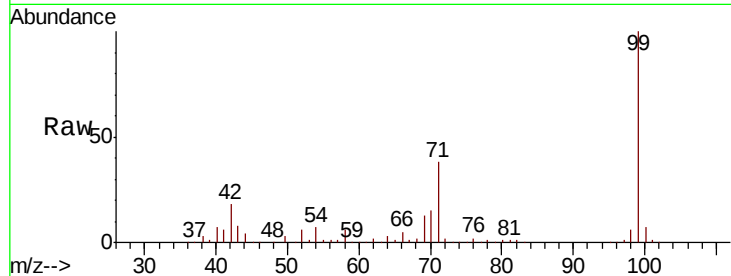
Tot Ion: 99 Resp: 1192866

Ion Ratio Lower Upper

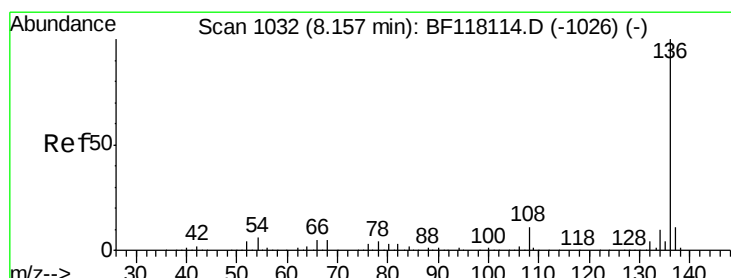
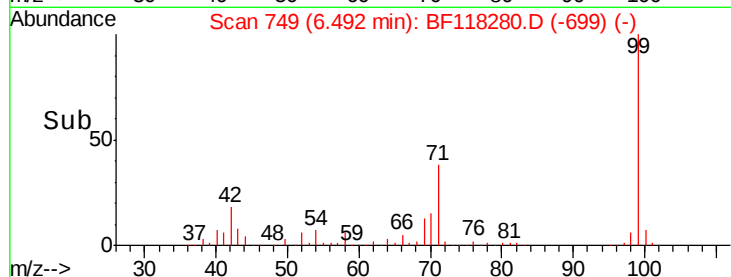
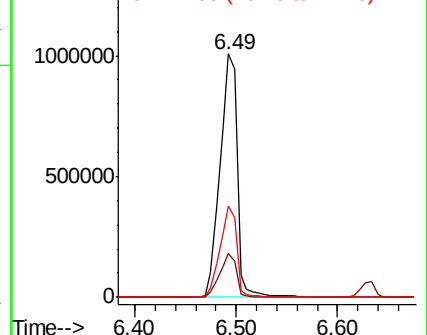
99 100

42 18.2 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: BF118280.D

Acq: 19 Dec 2019 15:34

Tgt Ion: 136 Resp: 479234

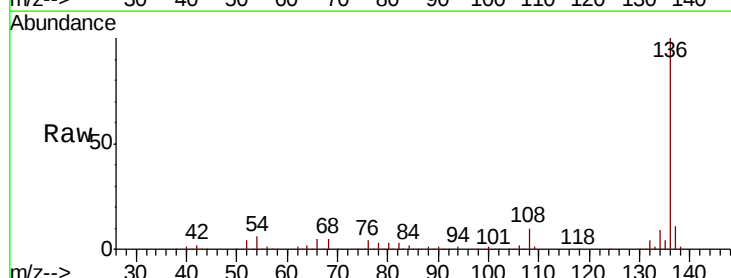
Ion Ratio Lower Upper

136 100

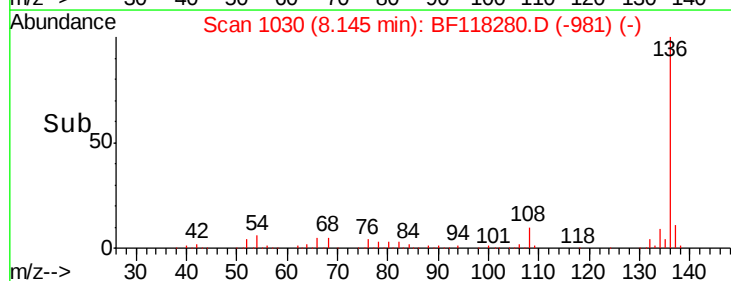
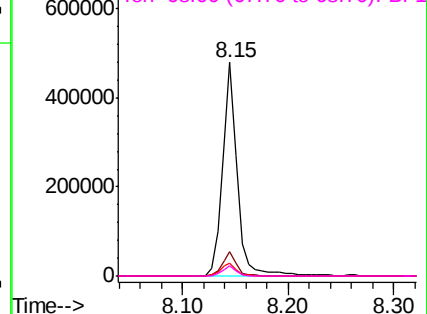
137 11.2 9.0 13.6

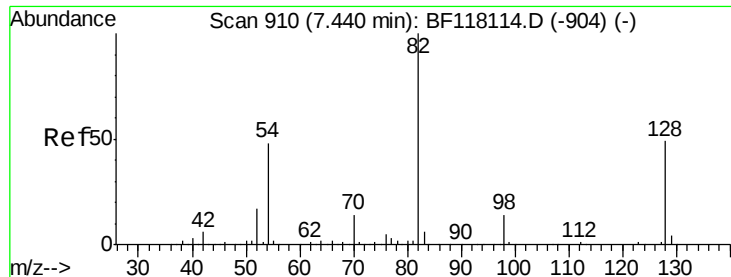
54 6.1 5.0 7.6

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

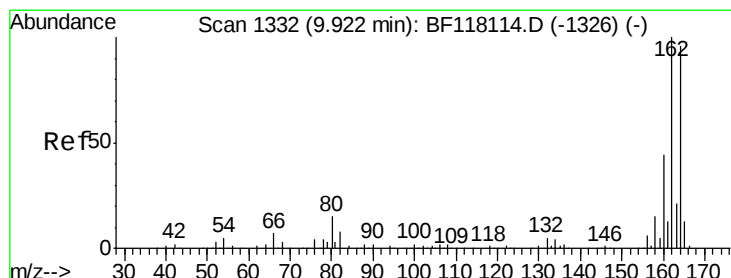
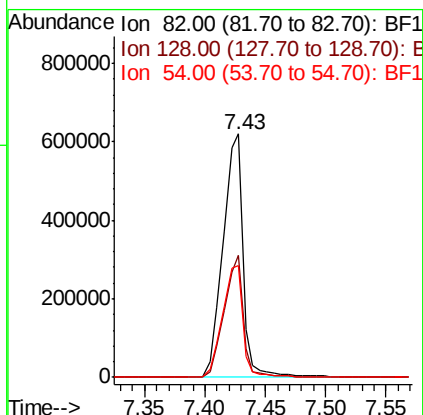
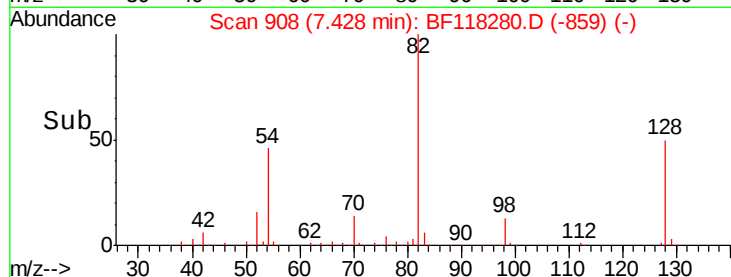
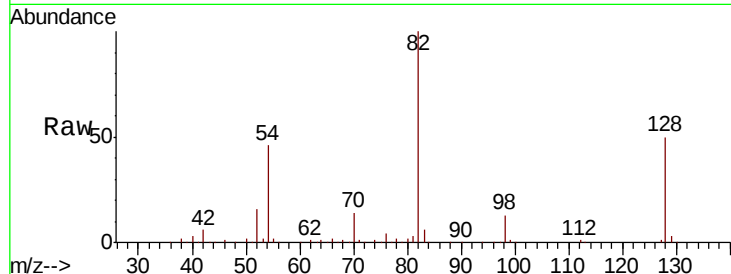




#23
 Nitrobenzene-d5
 Concen: 83.981 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF118280.D
 Acq: 19 Dec 2019 15:34

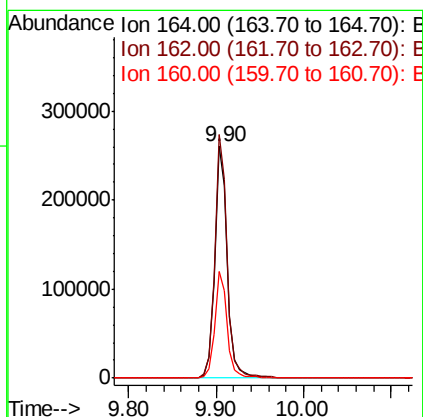
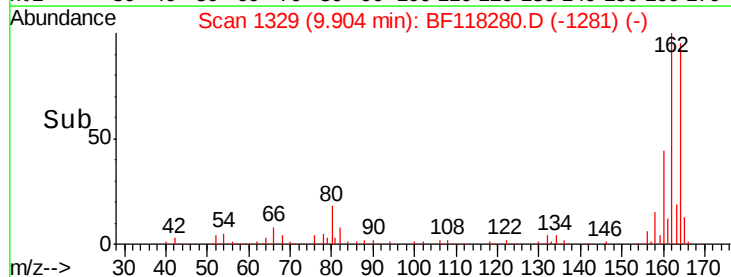
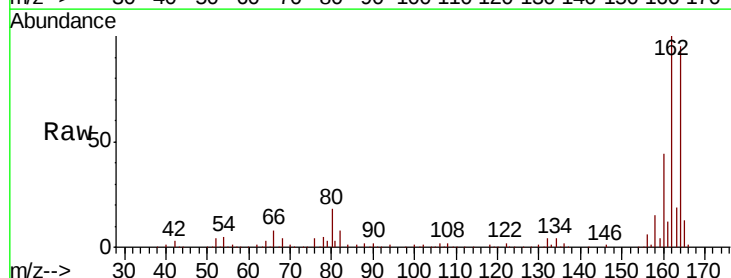
Instrument :
 BNA_F
 ClientSampleId :
 PB125583TB

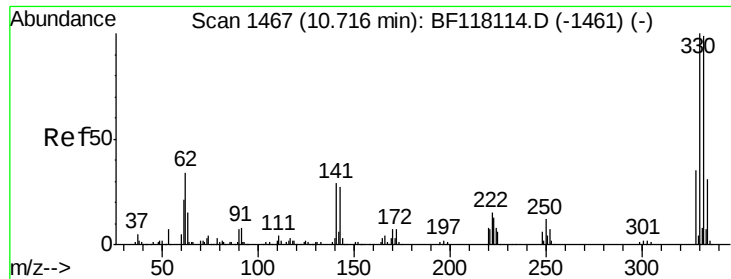
Tot Ion: 82 Resp: 715391
 Ion Ratio Lower Upper
 82 100
 128 50.0 39.1 58.7
 54 46.1 38.2 57.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF118280.D
 Acq: 19 Dec 2019 15:34

Tgt Ion:164 Resp: 258765
 Ion Ratio Lower Upper
 164 100
 162 105.1 83.4 125.0
 160 46.3 36.6 54.8

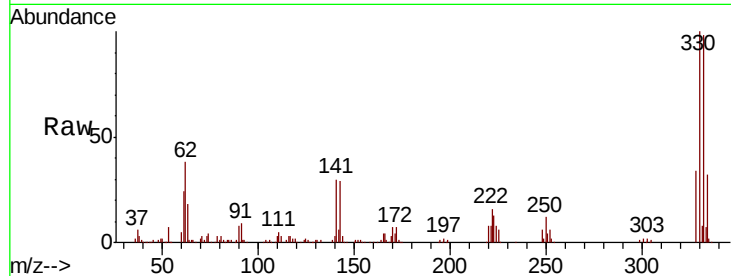




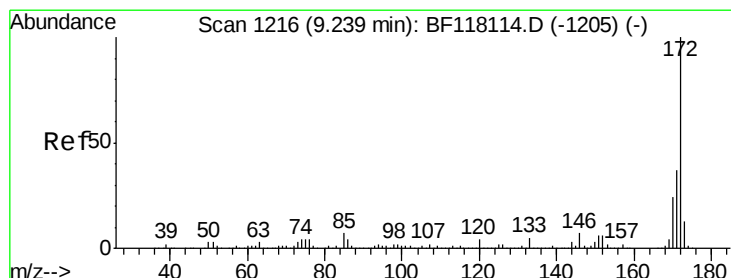
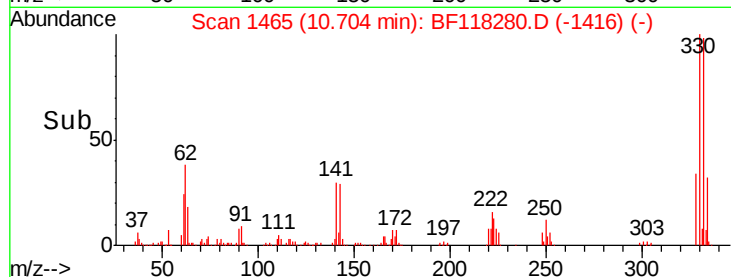
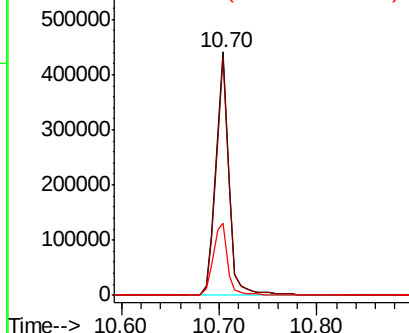
#42
 2,4,6-Tribromophenol
 Concen: 132.392 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118280.D
 Acq: 19 Dec 2019 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB125583TB

Tot Ion:330 Resp: 416177
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.1 117.1
 141 32.3 26.9 40.3

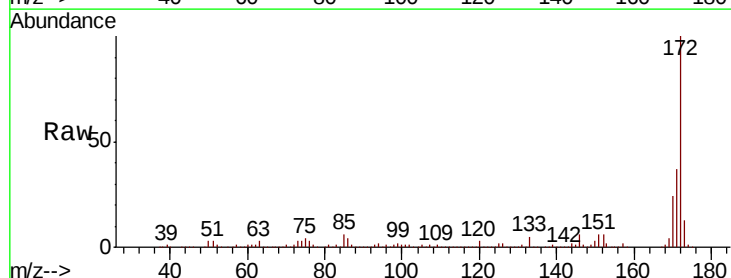


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

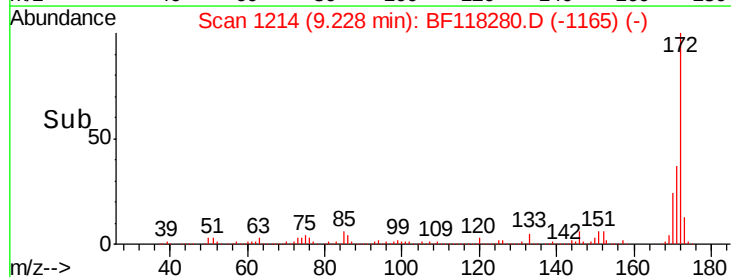
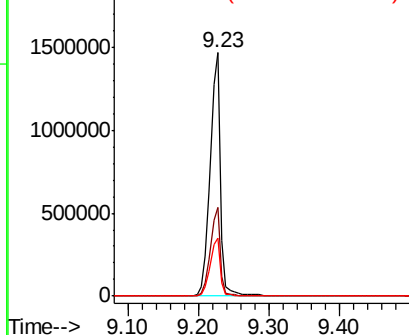


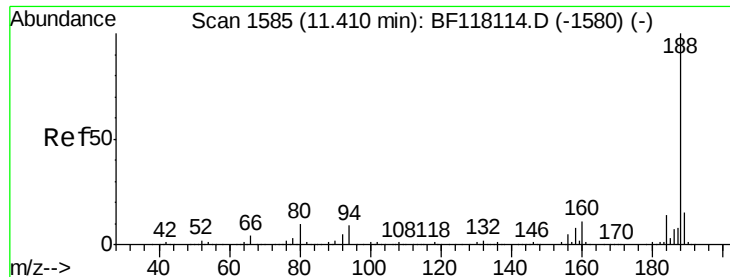
#45
 2-Fluorobiphenyl
 Concen: 88.162 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF118280.D
 Acq: 19 Dec 2019 15:34

Tgt Ion:172 Resp: 1499248
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.2 43.8
 170 24.0 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF118280.D

Acq: 19 Dec 2019 15:34

Instrument :

BNA_F

ClientSampleId :

PB125583TB

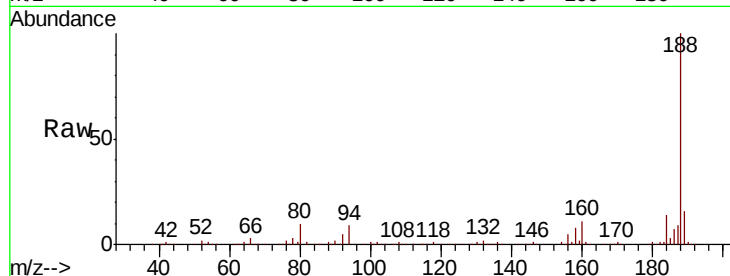
Tot Ion:188 Resp: 494874

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

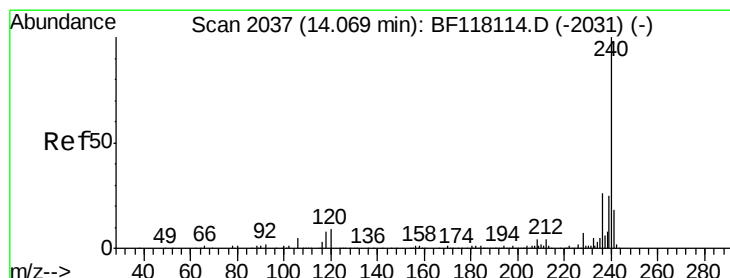
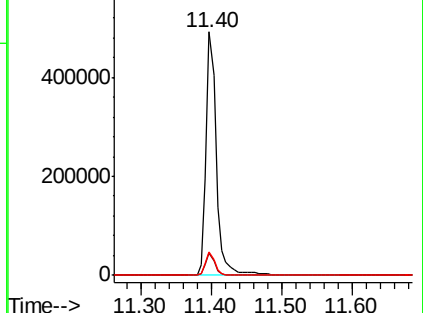
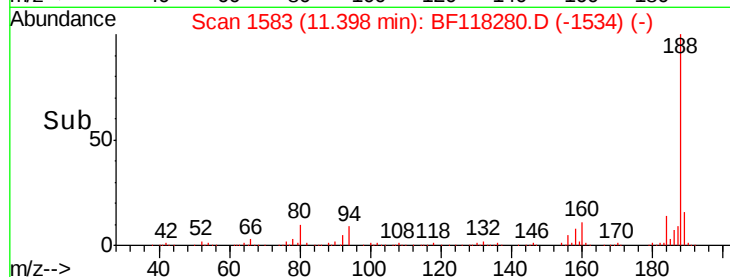
80 9.6 7.9 11.9



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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF118280.D

Acq: 19 Dec 2019 15:34

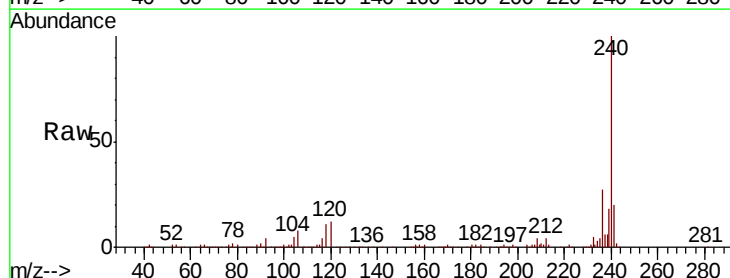
Tgt Ion:240 Resp: 319854

Ion Ratio Lower Upper

240 100

120 12.1 7.1 10.7#

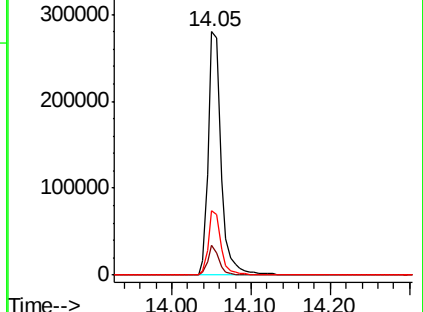
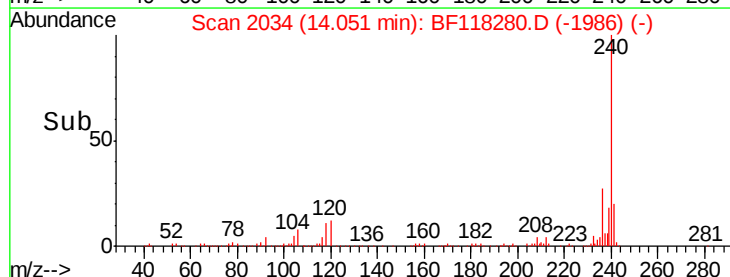
236 26.5 21.0 31.6

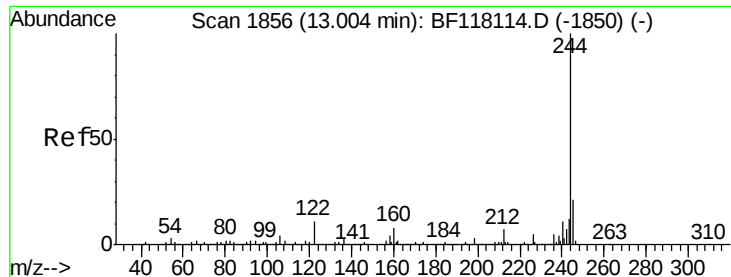


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.404 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118280.D

Acq: 19 Dec 2019 15:34

Instrument :

BNA_F

ClientSampleId :

PB125583TB

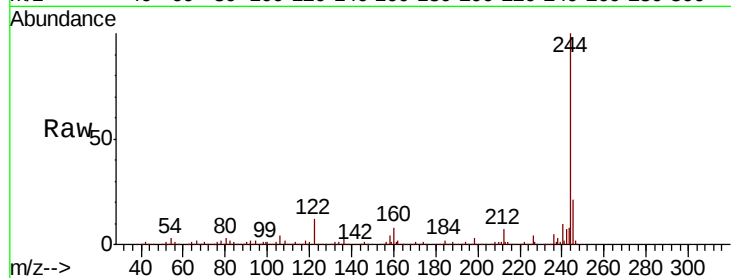
Tot Ion:244 Resp: 1848941

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

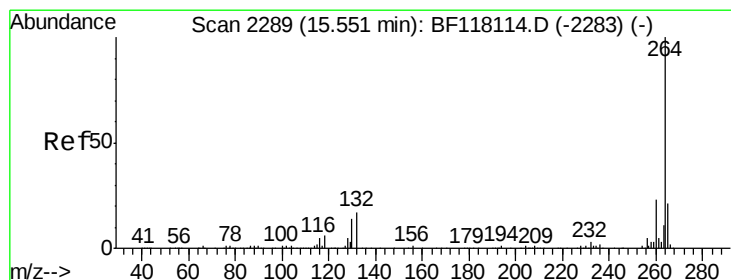
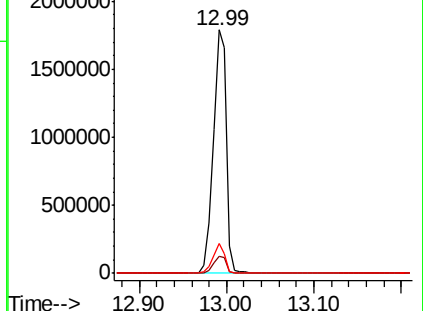
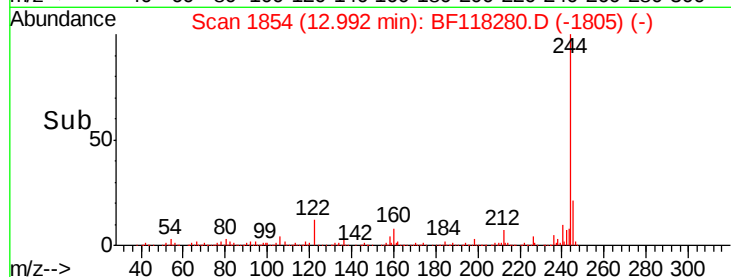
122 12.3 9.0 13.6



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: BF118280.D

Acq: 19 Dec 2019 15:34

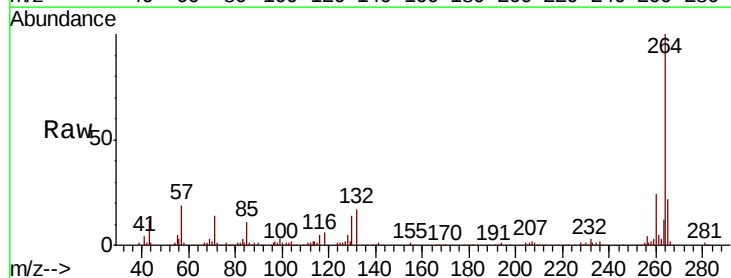
Tgt Ion:264 Resp: 261790

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

