

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120159.D
 Acq On : 23 Apr 2020 13:22
 Operator : MA/SJ
 Sample : PB128439BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128439BL

Quant Time: Apr 23 14:10:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	149707	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	580985	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	317222	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	625518	20.00	ng	0.00
76) Chrysene-d12	13.82	240	533007	20.00	ng	-0.01
87) Perylene-d12	15.22	264	504579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1181798	136.42	ng	0.00
7) Phenol-d6	6.31	99	1521983	136.35	ng	0.00
23) Nitrobenzene-d5	7.23	82	956370	85.16	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	481880	124.07	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1899049	85.00	ng	0.00
79) Terphenyl-d14	12.78	244	2439431	77.01	ng	0.00

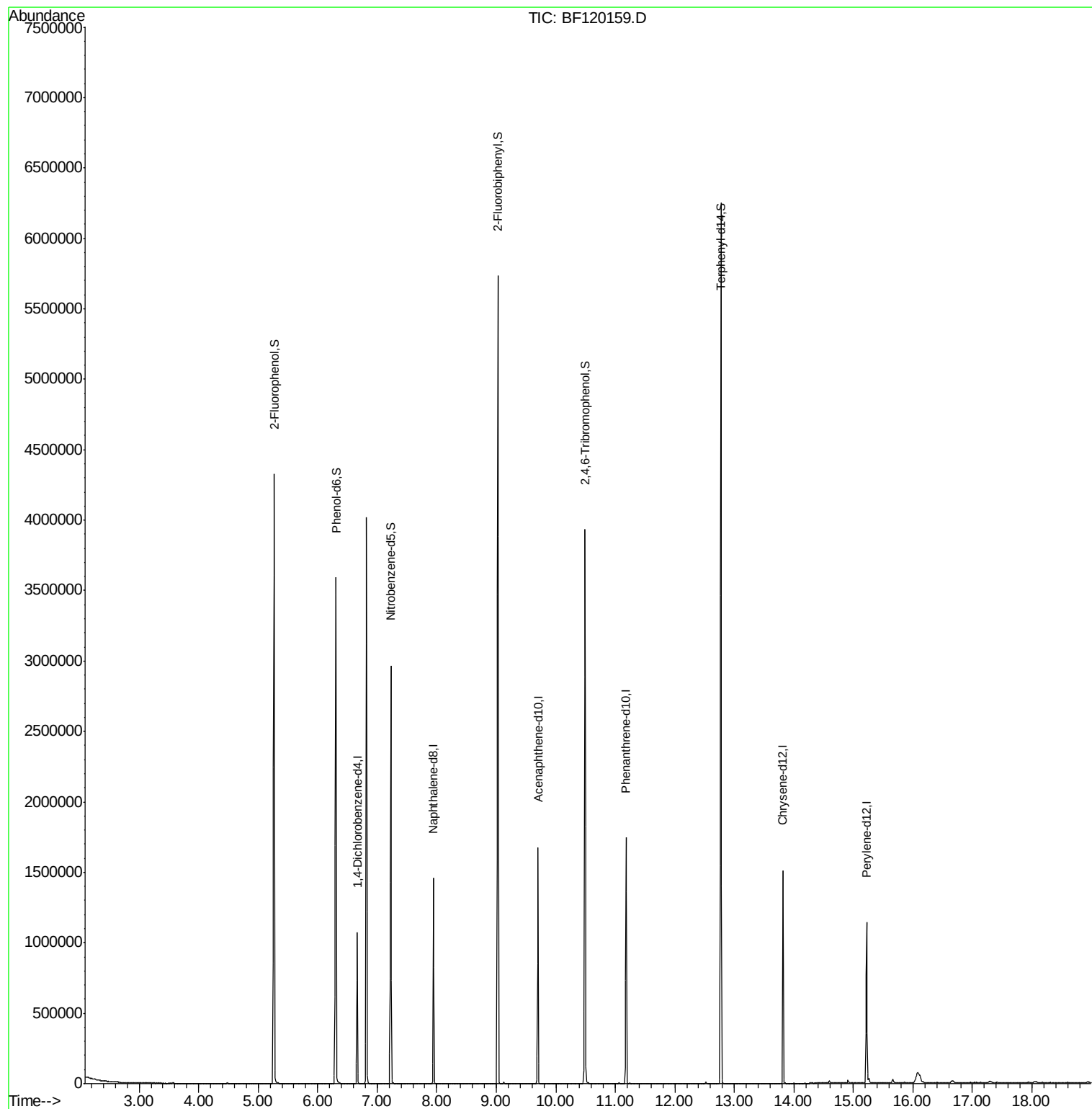
Target Compounds Qvalue

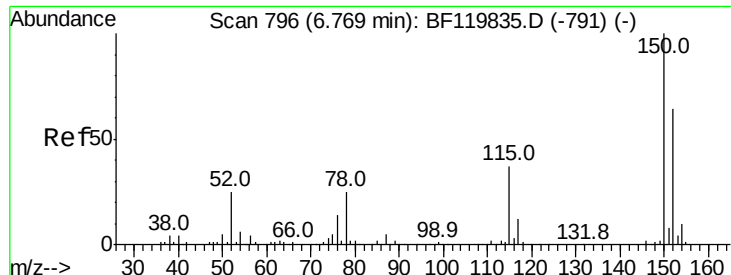
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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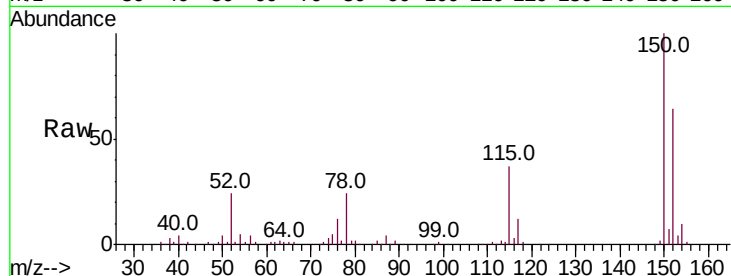


#1

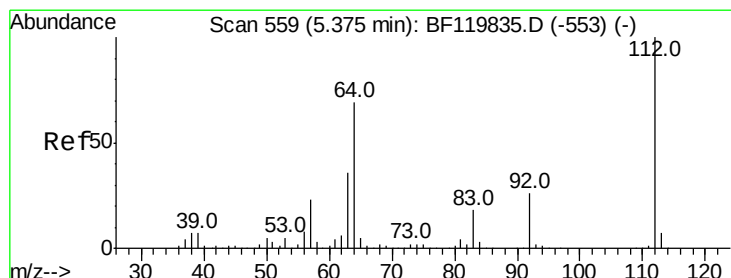
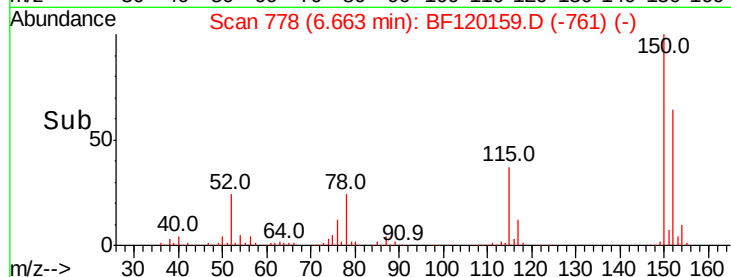
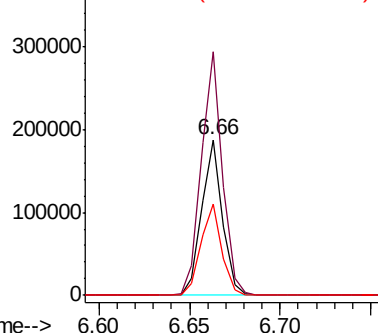
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF120159.D
 Acq: 23 Apr 2020 13:22

Instrument :
 BNA_F
 ClientSampleId :
 PB128439BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.5	186.7
115	58.6	49.6	74.4



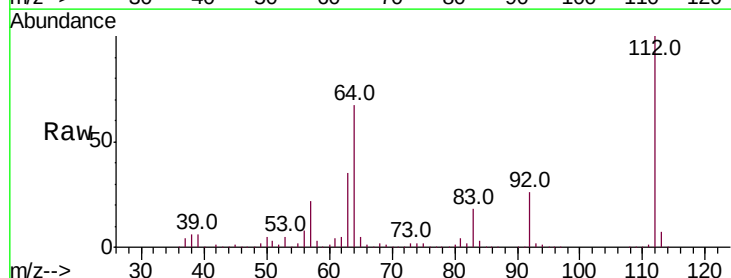
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



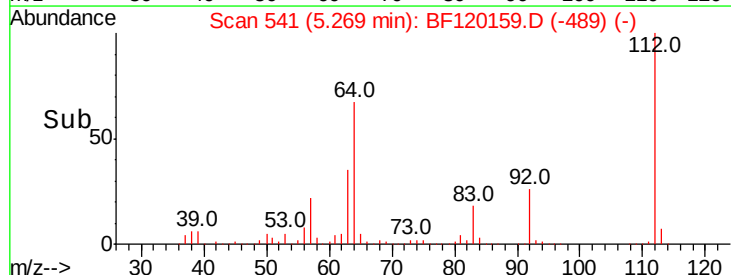
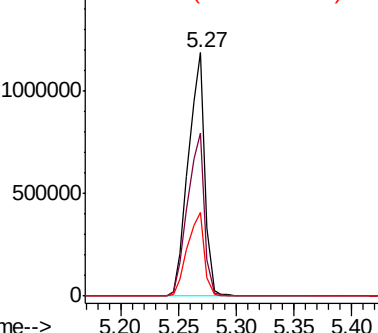
#5

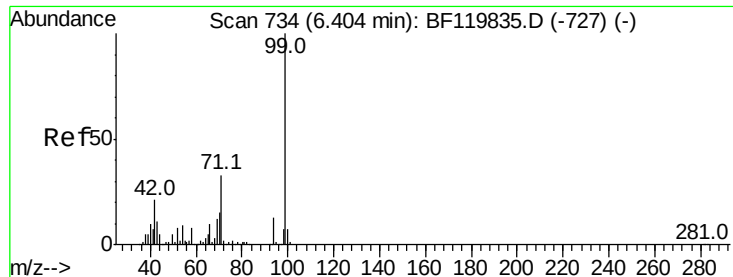
2-Fluorophenol
 Concen: 136.424 ng
 RT: 5.27 min Scan# 541
 Delta R.T. 0.01 min
 Lab File: BF120159.D
 Acq: 23 Apr 2020 13:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	56.7	85.1
63	34.5	29.5	44.3



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: 136.350 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF120159.D

Acq: 23 Apr 2020 13:22

Instrument :

BNA_F

ClientSampleId :

PB128439BL

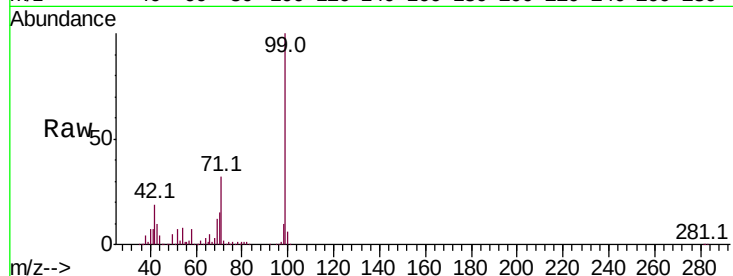
Tot Ion: 99 Resp: 1521983

Ion Ratio Lower Upper

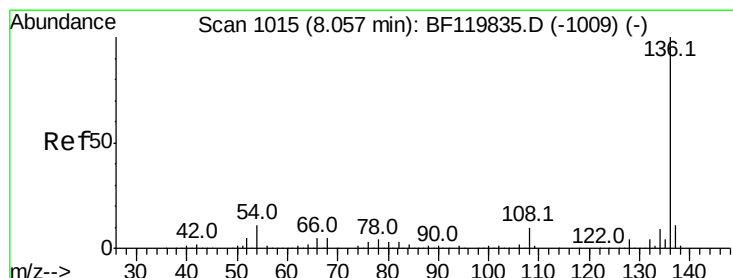
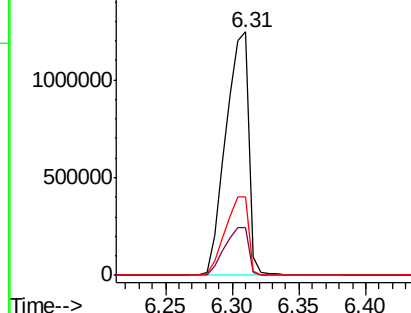
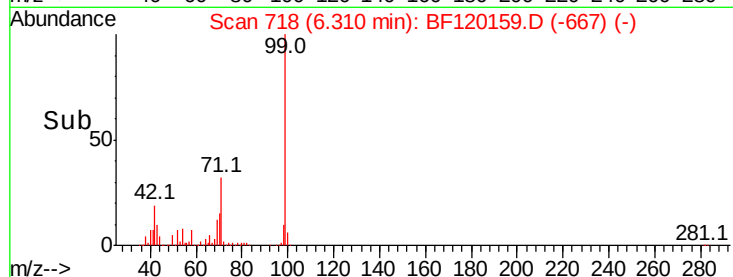
99 100

42 19.5 16.6 24.8

71 32.2 26.4 39.6



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: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF120159.D

Acq: 23 Apr 2020 13:22

Tgt Ion: 136 Resp: 580985

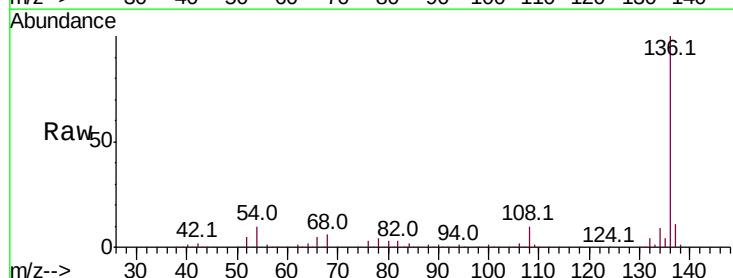
Ion Ratio Lower Upper

136 100

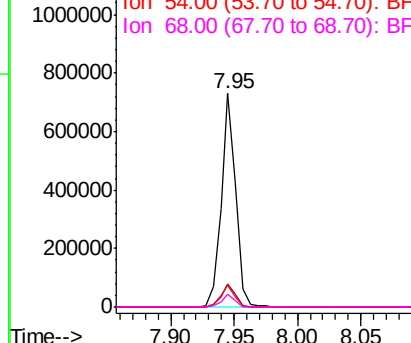
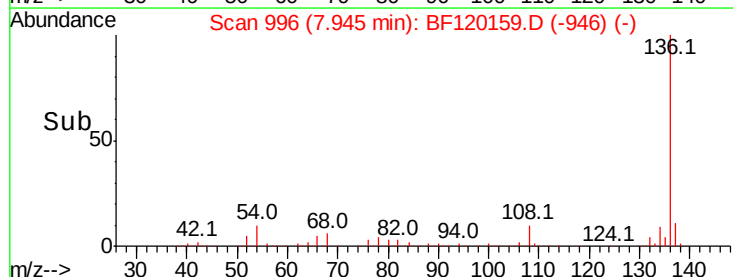
137 10.8 8.7 13.1

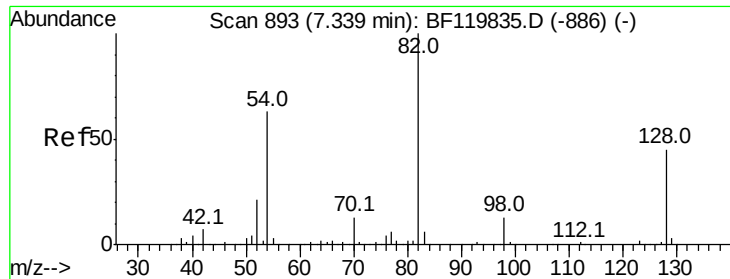
54 10.0 9.1 13.7

68 5.7 4.6 6.8



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

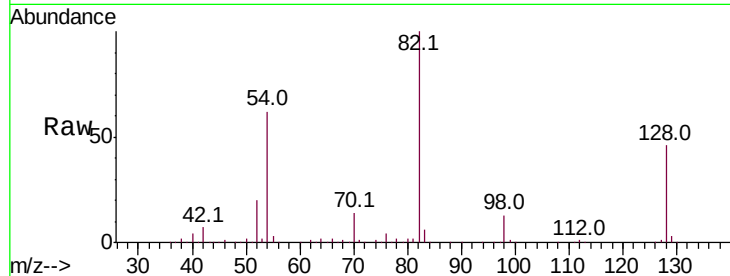




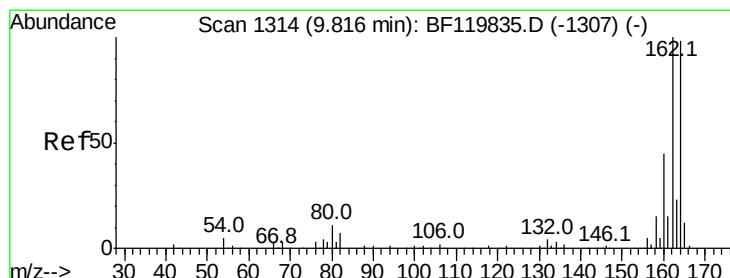
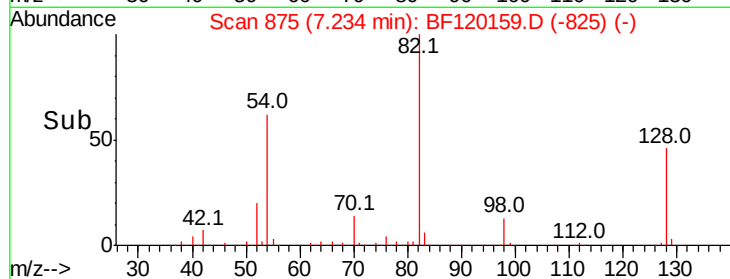
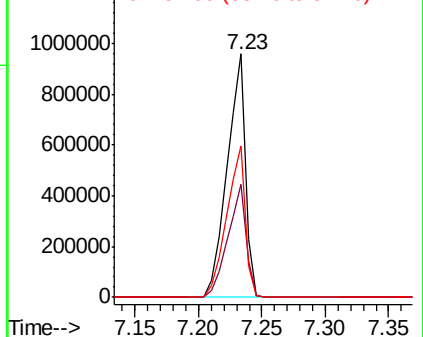
#23
Nitrobenzene-d5
Concen: 85.160 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120159.D
Acq: 23 Apr 2020 13:22

Instrument :
BNA_F
ClientSampleId :
PB128439BL

Tot Ion: 82 Resp: 956370
Ion Ratio Lower Upper
82 100
128 46.2 36.3 54.5
54 62.1 50.6 75.8

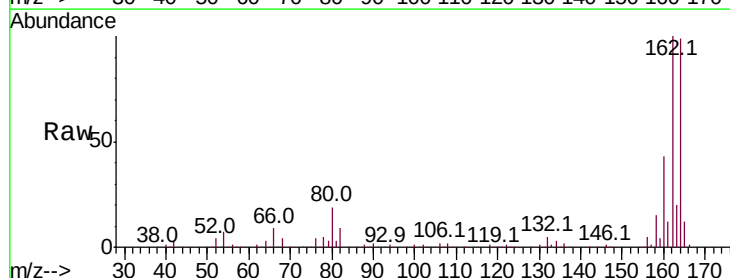


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

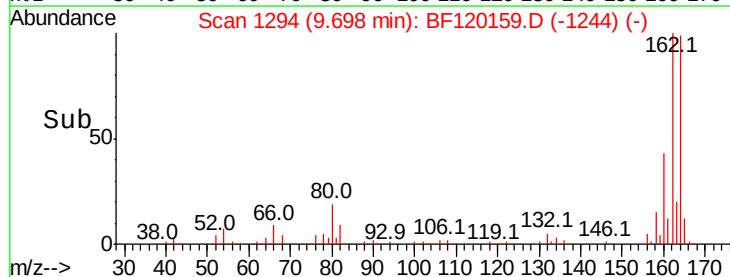
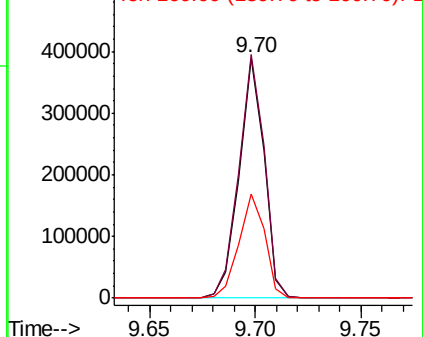


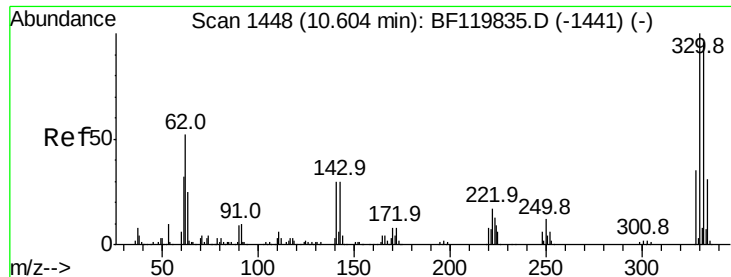
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF120159.D
Acq: 23 Apr 2020 13:22

Tgt Ion:164 Resp: 317222
Ion Ratio Lower Upper
164 100
162 101.5 80.6 121.0
160 43.4 35.7 53.5



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

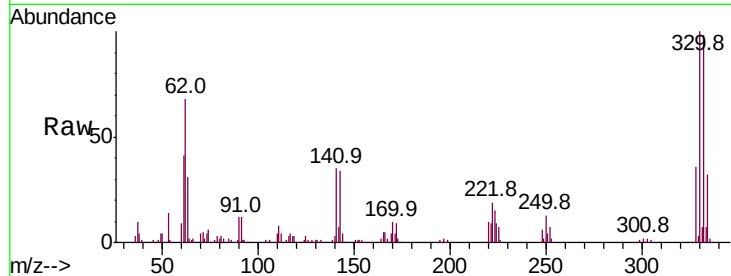




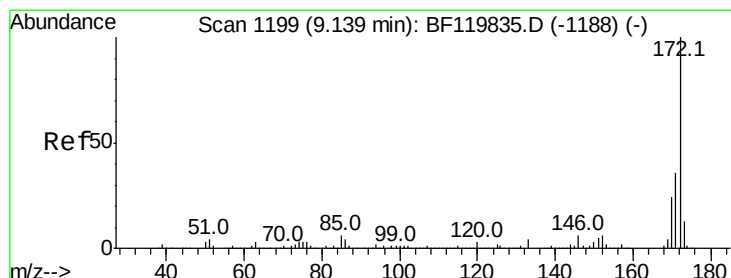
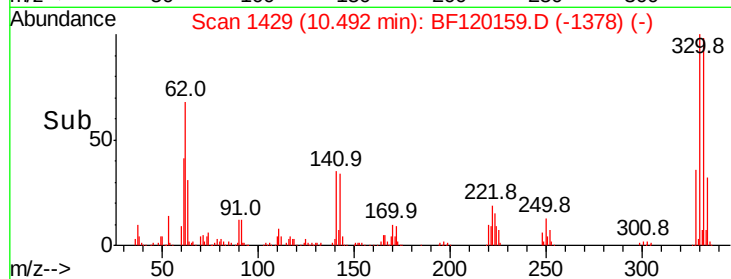
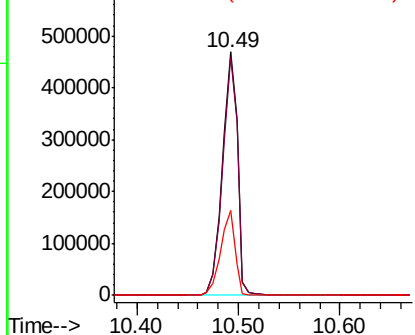
#42
 2,4,6-Tribromophenol
 Concen: 124.072 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF120159.D
 Acq: 23 Apr 2020 13:22

Instrument :
 BNA_F
 ClientSampleId :
 PB128439BL

Tot Ion:330 Resp: 481880
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.7 113.5
 141 33.7 25.4 38.0

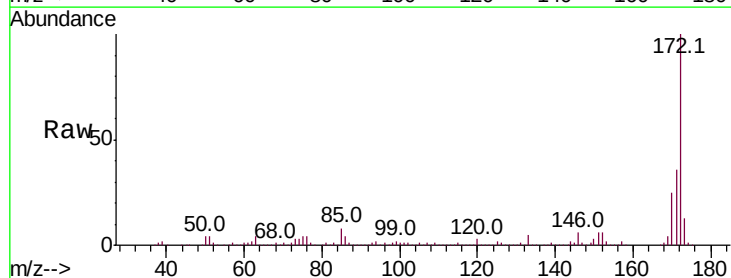


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

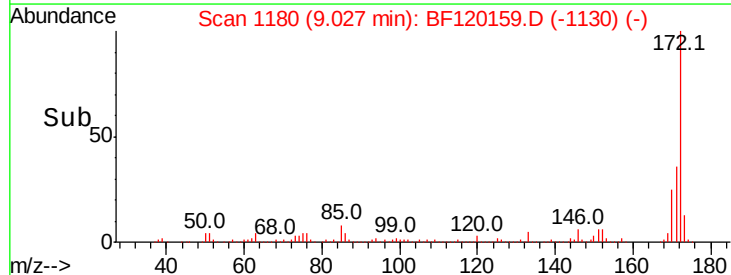
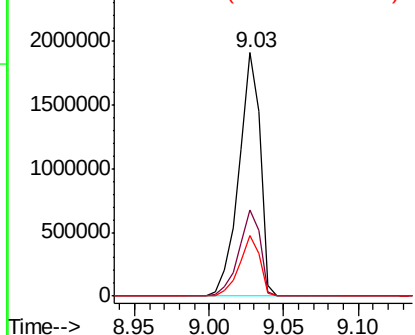


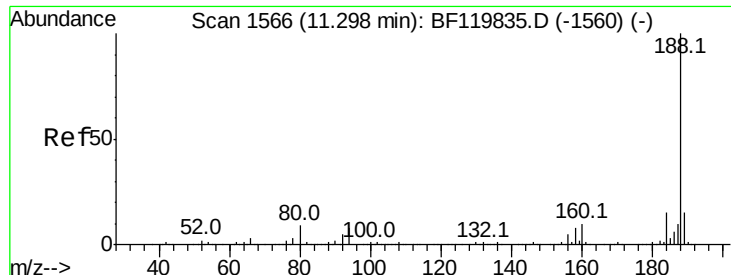
#45
 2-Fluorobiphenyl
 Concen: 84.995 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120159.D
 Acq: 23 Apr 2020 13:22

Tgt Ion:172 Resp: 1899049
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 24.7 20.2 30.2



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: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF120159.D

Acq: 23 Apr 2020 13:22

Instrument :

BNA_F

ClientSampleId :

PB128439BL

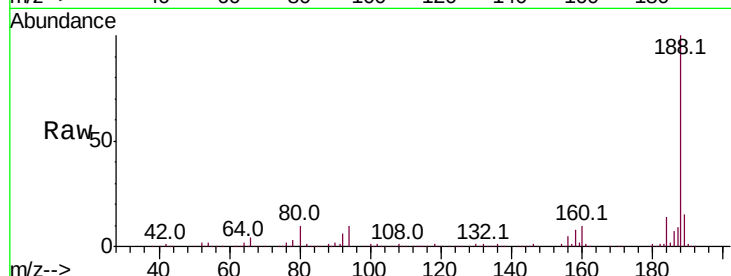
Tot Ion:188 Resp: 625518

Ion Ratio Lower Upper

188 100

94 10.0 7.5 11.3

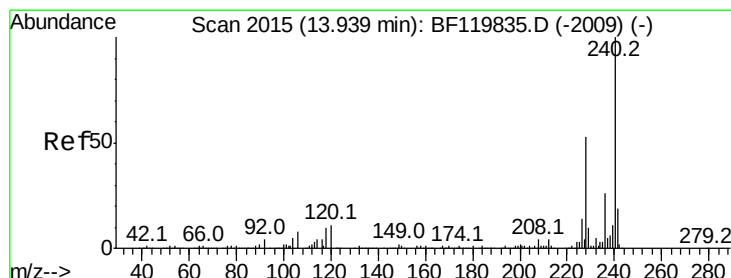
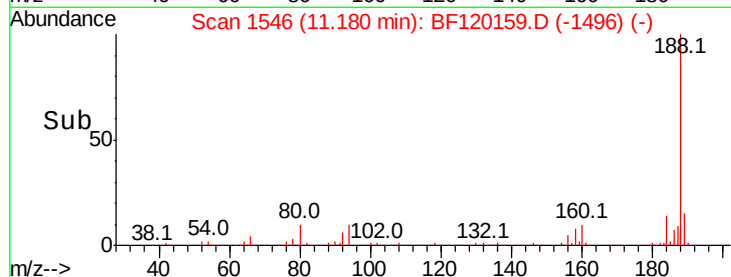
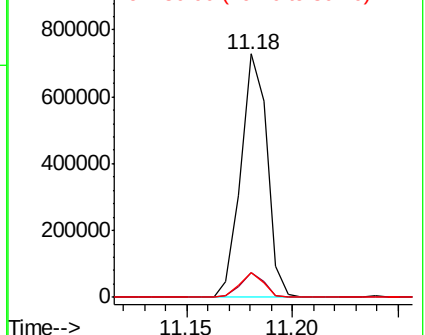
80 10.3 9.0 13.4



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: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF120159.D

Acq: 23 Apr 2020 13:22

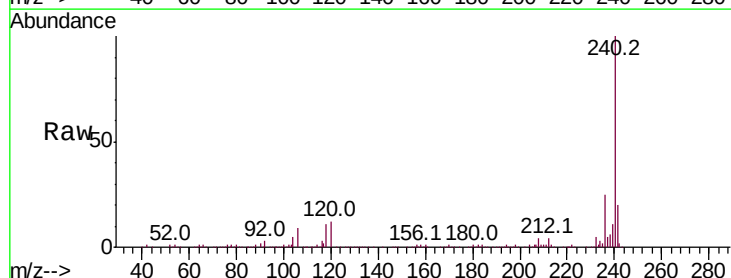
Tgt Ion:240 Resp: 533007

Ion Ratio Lower Upper

240 100

120 12.2 10.6 15.8

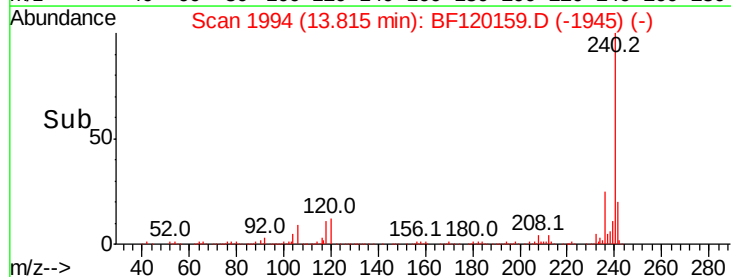
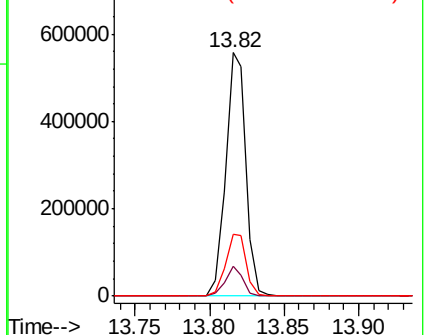
236 25.5 20.2 30.2

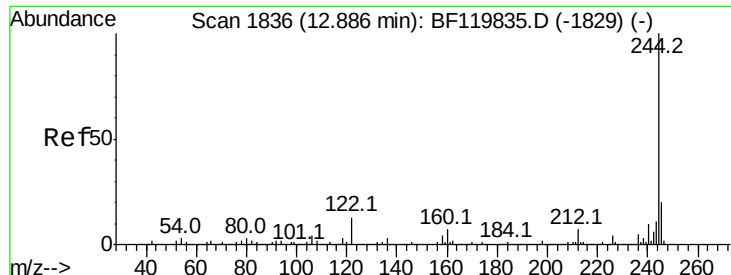


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.011 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120159.D

Acq: 23 Apr 2020 13:22

Instrument :

BNA_F

ClientSampleId :

PB128439BL

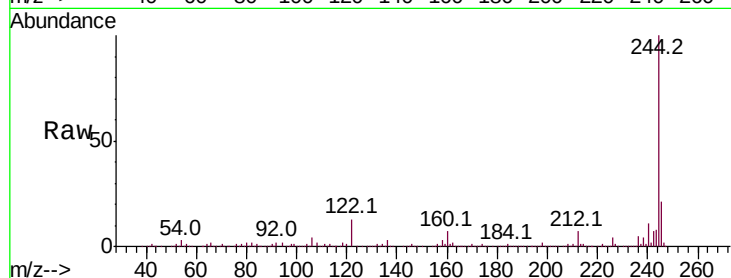
Tot Ion:244 Resp: 2439431

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

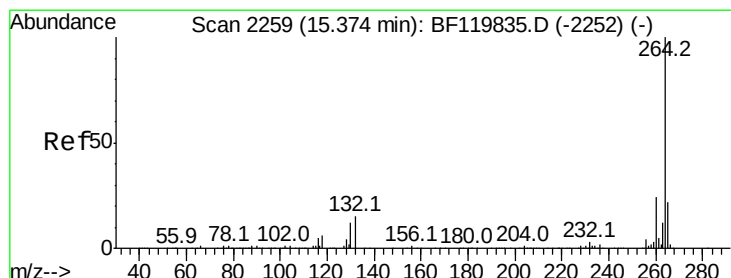
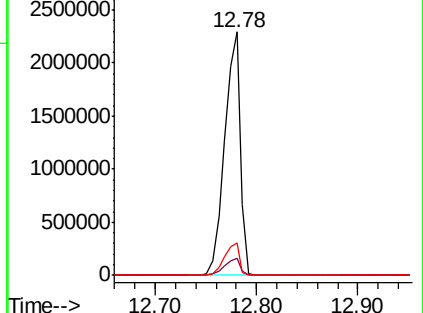
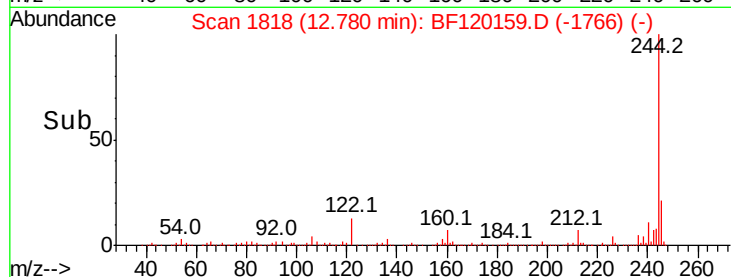
122 13.1 10.3 15.5



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: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF120159.D

Acq: 23 Apr 2020 13:22

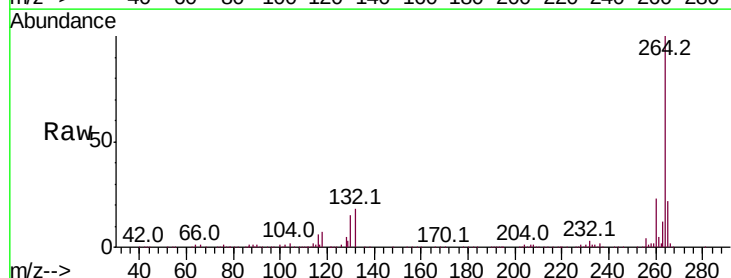
Tgt Ion:264 Resp: 504579

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.7 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

