

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118567.D
 Acq On : 17 Jan 2020 19:31
 Operator : JU
 Sample : L1005-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-011420

Quant Time: Jan 18 01:32:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 17 15:49:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	305047	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1096439	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	613771	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	1150592	20.00	ng	0.00
76) Chrysene-d12	14.04	240	982475	20.00	ng	0.00
87) Perylene-d12	15.52	264	1013849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2406611	145.77	ng	0.01
7) Phenol-d6	6.52	99	2949706	136.36	ng	0.00
23) Nitrobenzene-d5	7.45	82	1956493	110.21	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	1117414	164.69	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3662763	107.73	ng	0.00
79) Terphenyl-d14	13.00	244	4637709	93.23	ng	0.00

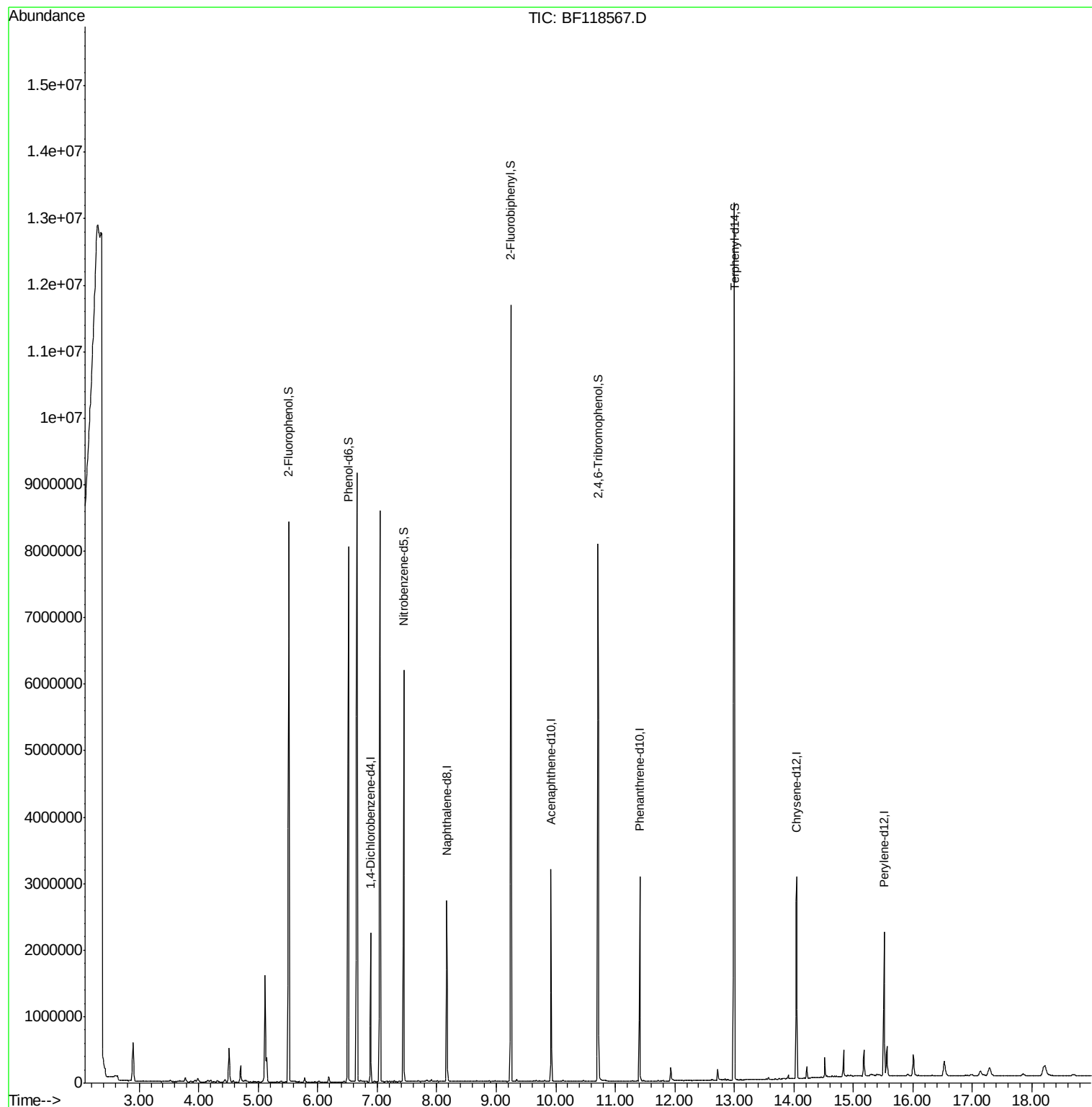
Target Compounds Qvalue

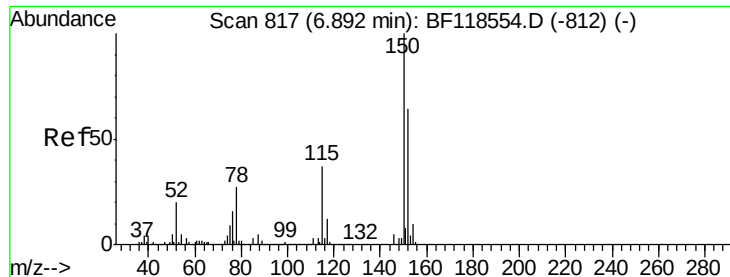
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
Data File : BF118567.D
Acq On : 17 Jan 2020 19:31
Operator : JU
Sample : L1005-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-011420

Quant Time: Jan 18 01:32:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 17 15:49:53 2020
Response via : Initial Calibration



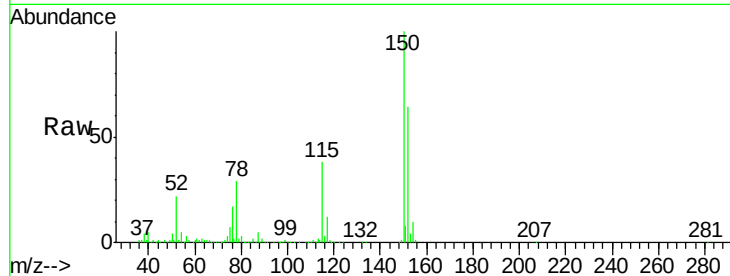


#1

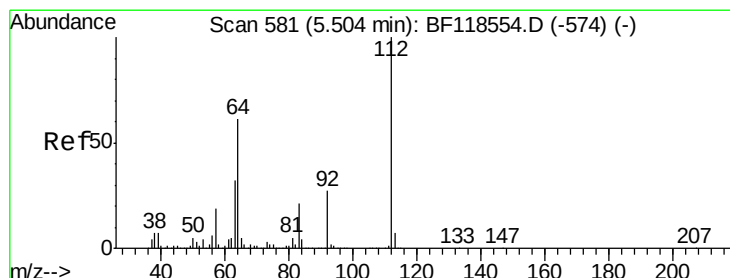
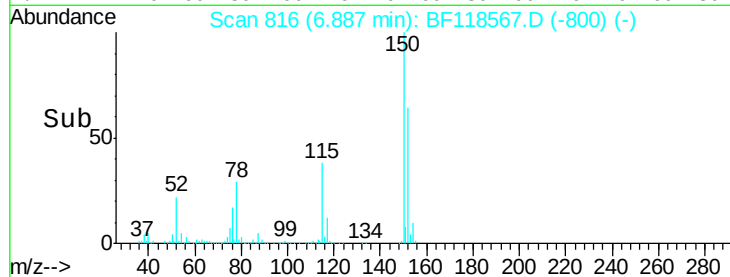
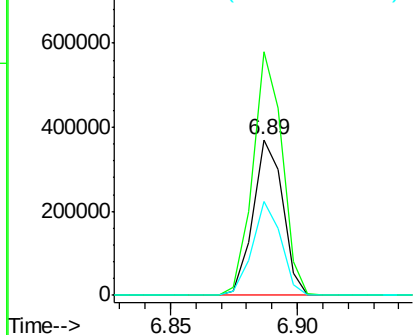
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Instrument :
BNA_F
ClientSampleId :
HR-05-011420

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.9	187.3
115	60.1	45.8	68.6



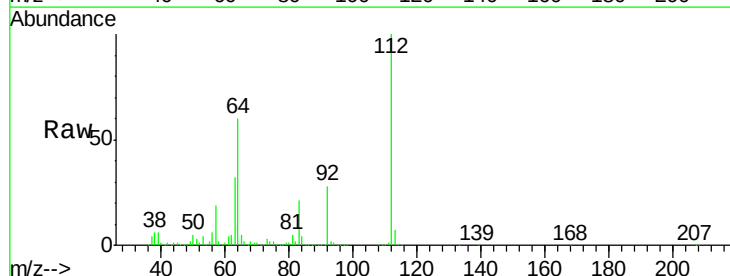
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



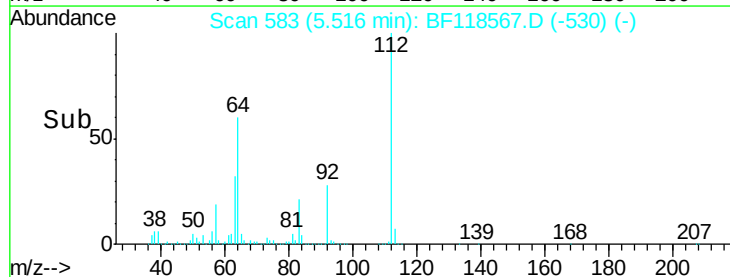
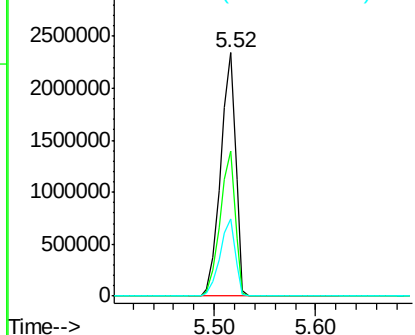
#5

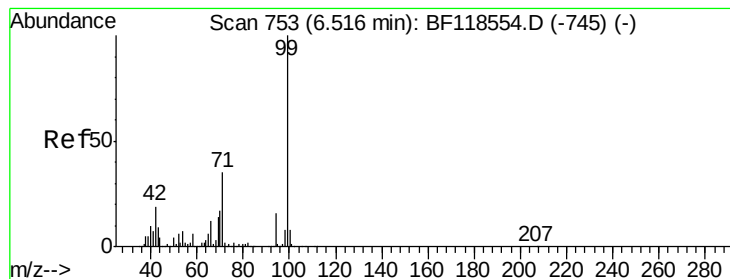
2-Fluorophenol
Concen: 145.773 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.6	49.1	73.7
63	32.0	25.8	38.8



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: 136.357 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

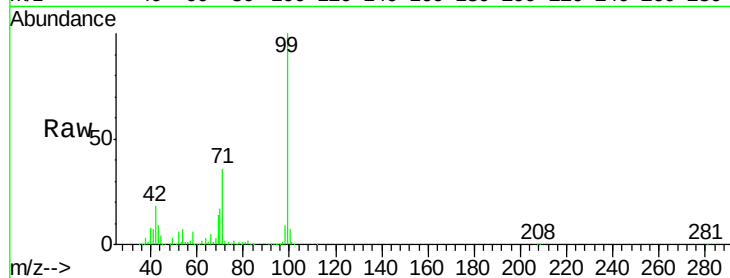
Tot Ion: 99 Resp: 2949706

Ion Ratio Lower Upper

99 100

42 18.1 14.9 22.3

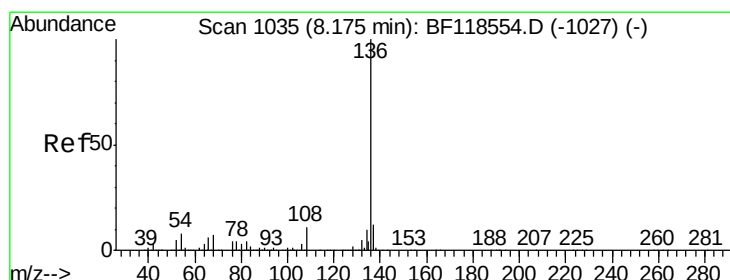
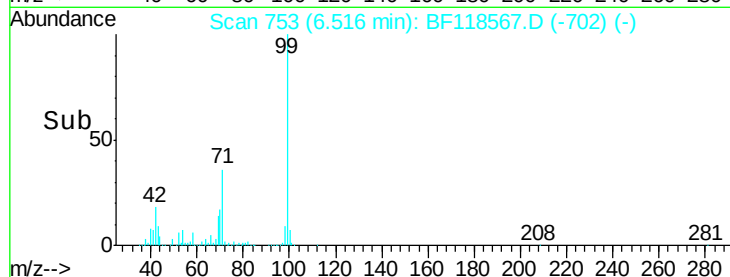
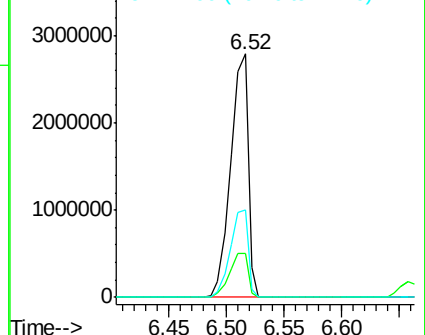
71 36.0 28.3 42.5



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: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Tgt Ion: 136 Resp: 1096439

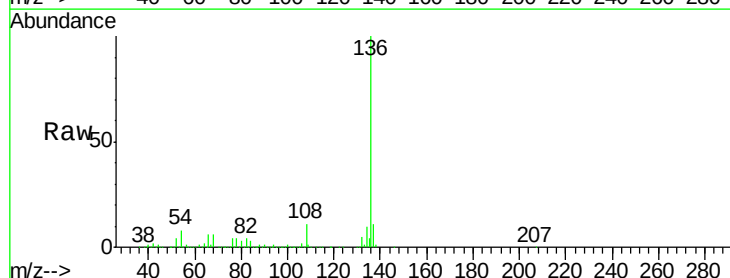
Ion Ratio Lower Upper

136 100

137 11.3 9.4 14.0

54 7.5 6.2 9.2

68 6.0 5.4 8.0

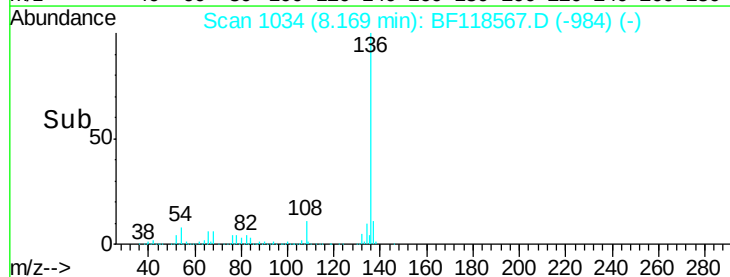
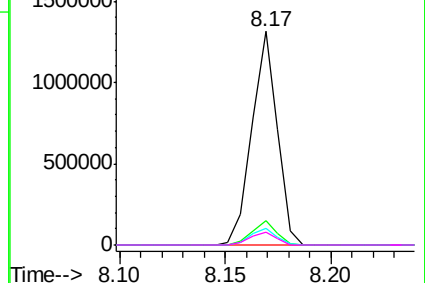


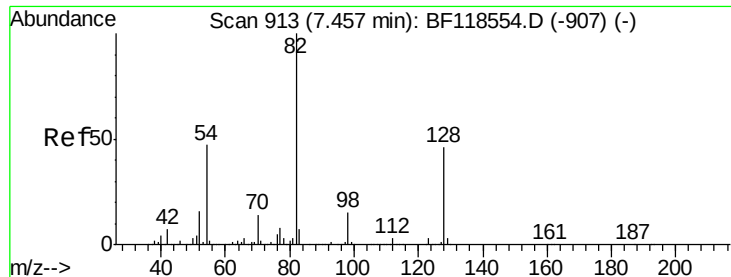
Abundance Ion 136.00 (135.70 to 136.70): E

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

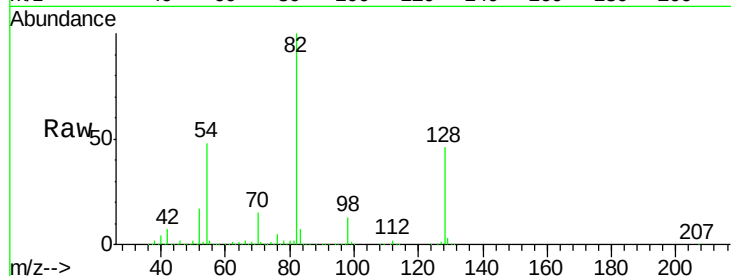




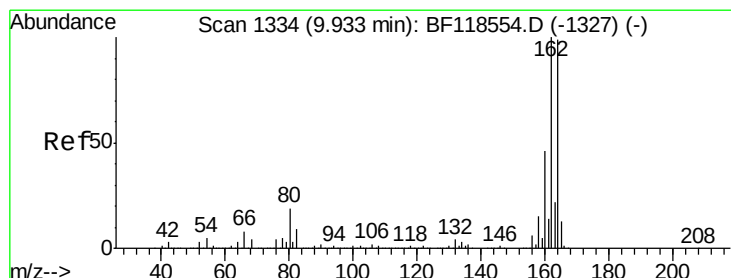
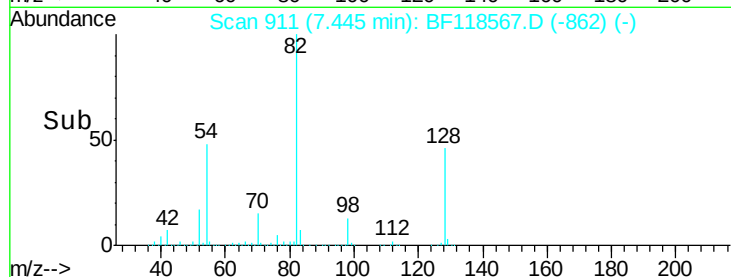
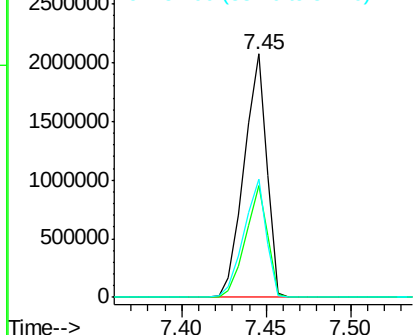
#23
Nitrobenzene-d5
Concen: 110.208 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Instrument :
BNA_F
ClientSampleId :
HR-05-011420

Tot Ion: 82 Resp: 1956493
Ion Ratio Lower Upper
82 100
128 46.0 37.0 55.4
54 48.4 37.4 56.0

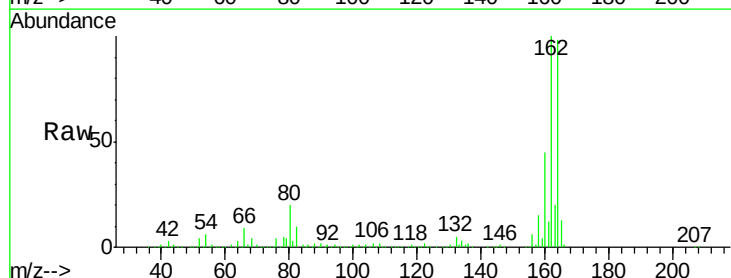


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

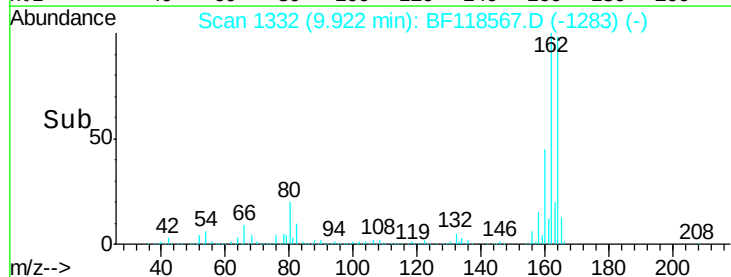
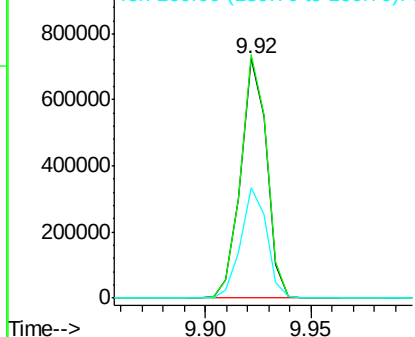


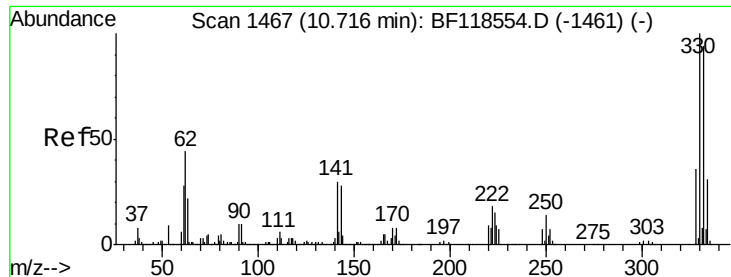
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118567.D
Acq: 17 Jan 2020 19:31

Tgt Ion:164 Resp: 613771
Ion Ratio Lower Upper
164 100
162 101.8 80.6 120.8
160 46.0 36.7 55.1



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: 164.686 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

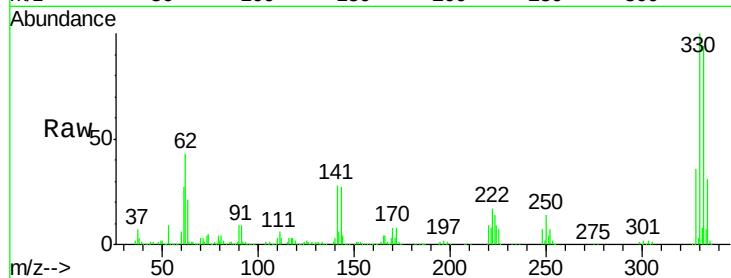
Tot Ion:330 Resp: 1117414

Ion Ratio Lower Upper

330 100

332 94.2 76.4 114.6

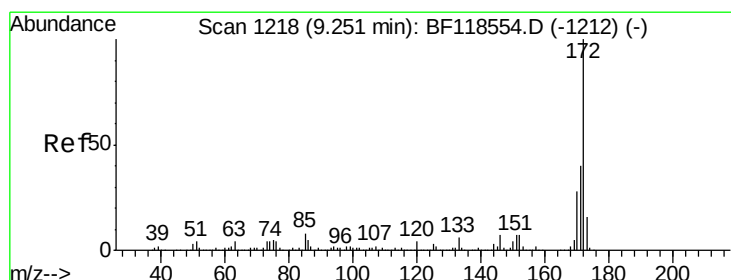
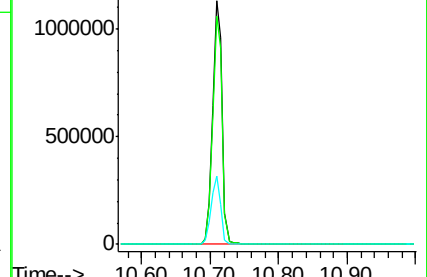
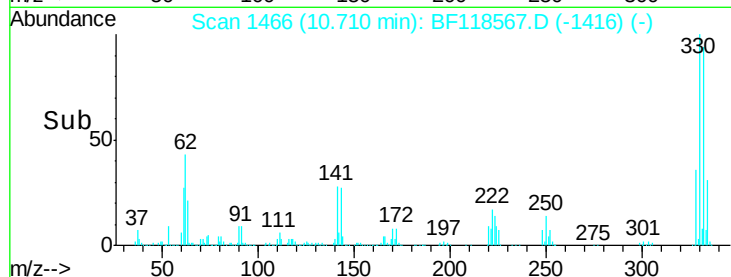
141 28.4 23.4 35.2



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: 107.734 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

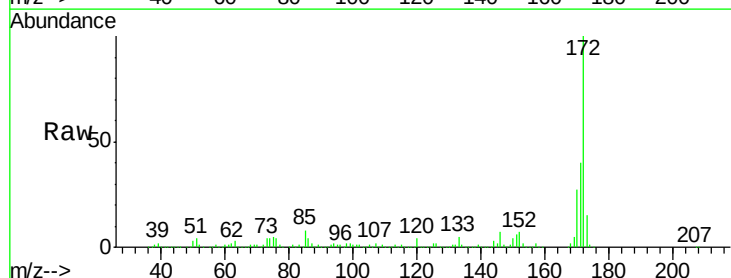
Tgt Ion:172 Resp: 3662763

Ion Ratio Lower Upper

172 100

171 39.8 32.4 48.6

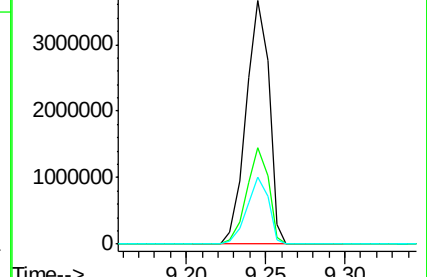
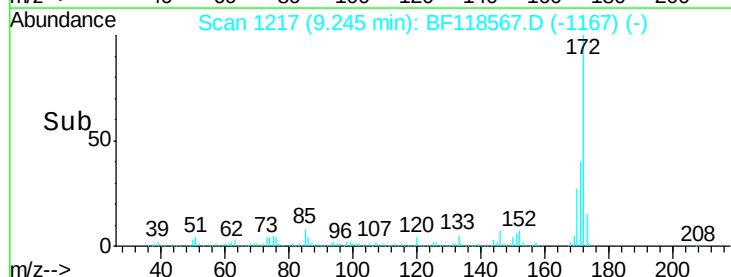
170 27.5 22.5 33.7

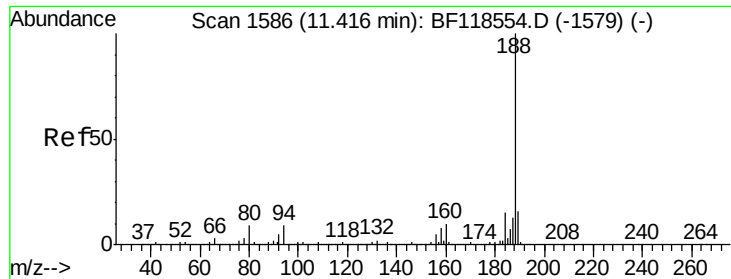


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

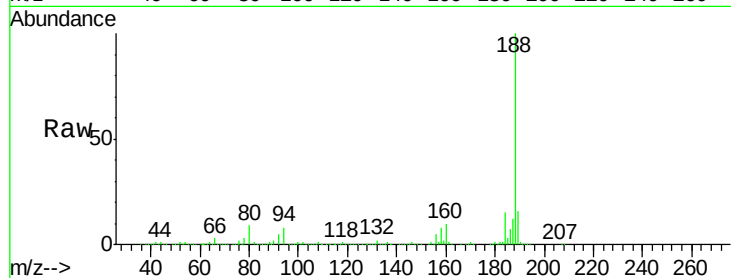
Tot Ion:188 Resp: 1150592

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.4

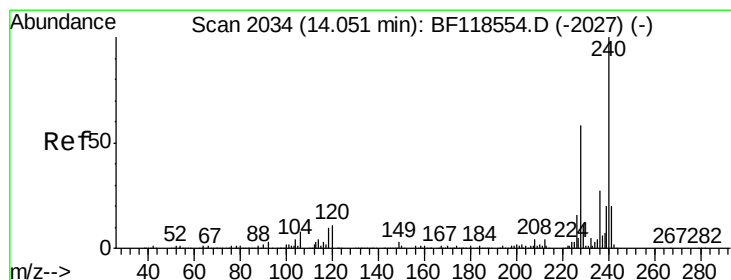
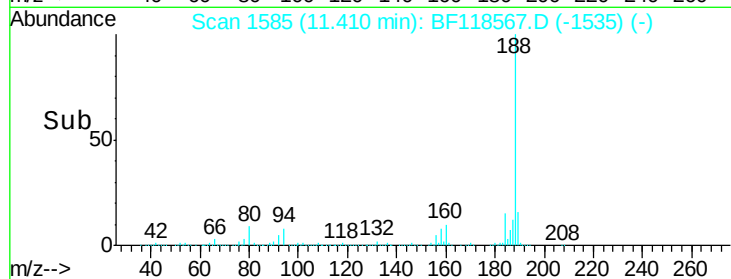
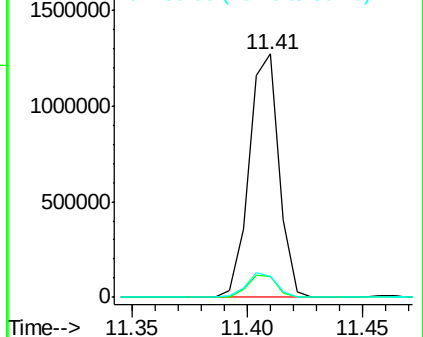
80 8.8 7.4 11.2



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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

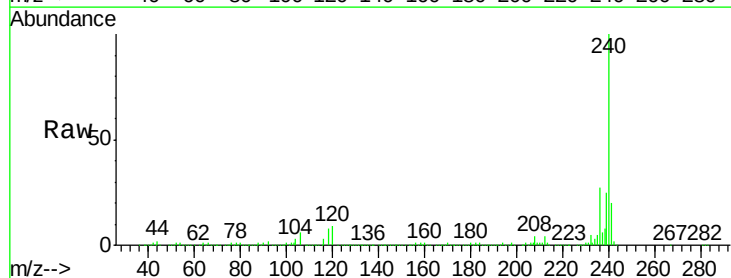
Tgt Ion:240 Resp: 982475

Ion Ratio Lower Upper

240 100

120 9.3 8.7 13.1

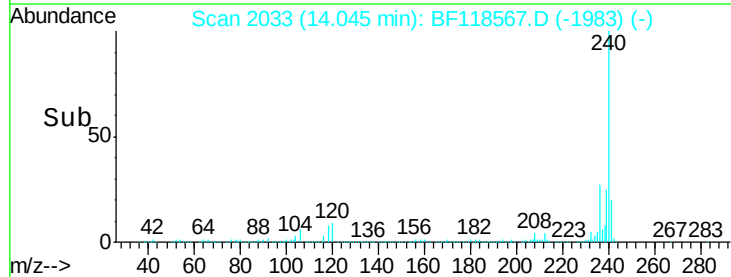
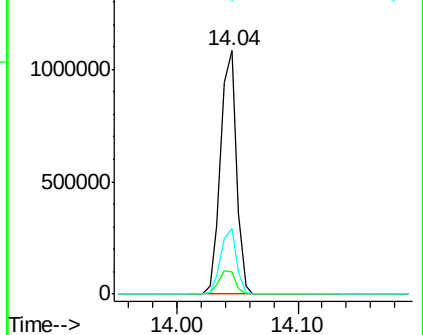
236 26.8 21.8 32.8

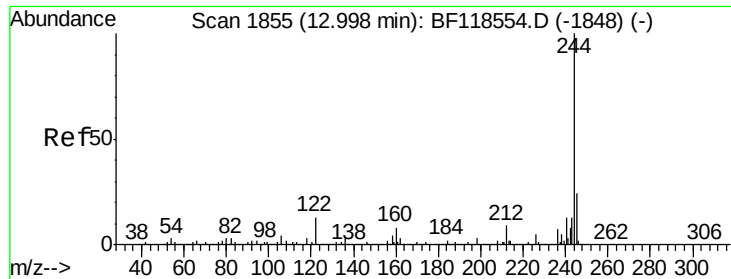


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.225 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

Instrument :

BNA_F

ClientSampleId :

HR-05-011420

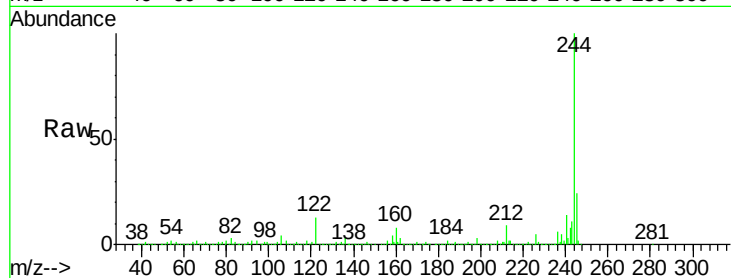
Tot Ion:244 Resp: 4637709

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.4

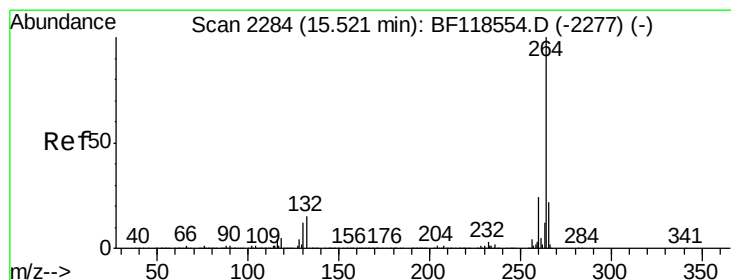
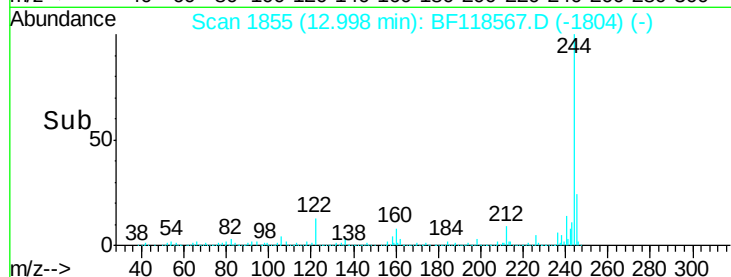
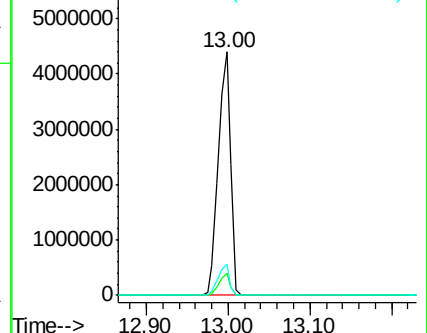
122 12.7 10.4 15.6



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: 15.52 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BF118567.D

Acq: 17 Jan 2020 19:31

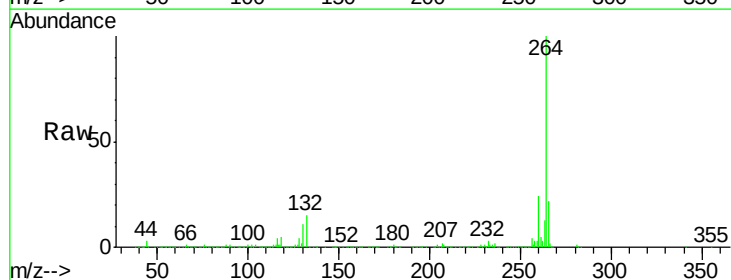
Tgt Ion:264 Resp: 1013849

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 22.1 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

