

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011720\
 Data File : BF118565.D
 Acq On : 17 Jan 2020 18:35
 Operator : JU
 Sample : PB126158BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126158BL

Quant Time: Jan 18 01:25:40 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	302659	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1112105	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	618767	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	1171500	20.00	ng	0.00
76) Chrysene-d12	14.04	240	1019716	20.00	ng	0.00
87) Perylene-d12	15.52	264	1055581	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1589955	97.07	ng	0.00
7) Phenol-d6	6.50	99	1412809	65.83	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1798148	99.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	1038797	151.86	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3376211	98.50	ng	0.00
79) Terphenyl-d14	13.00	244	4493319	87.02	ng	0.00

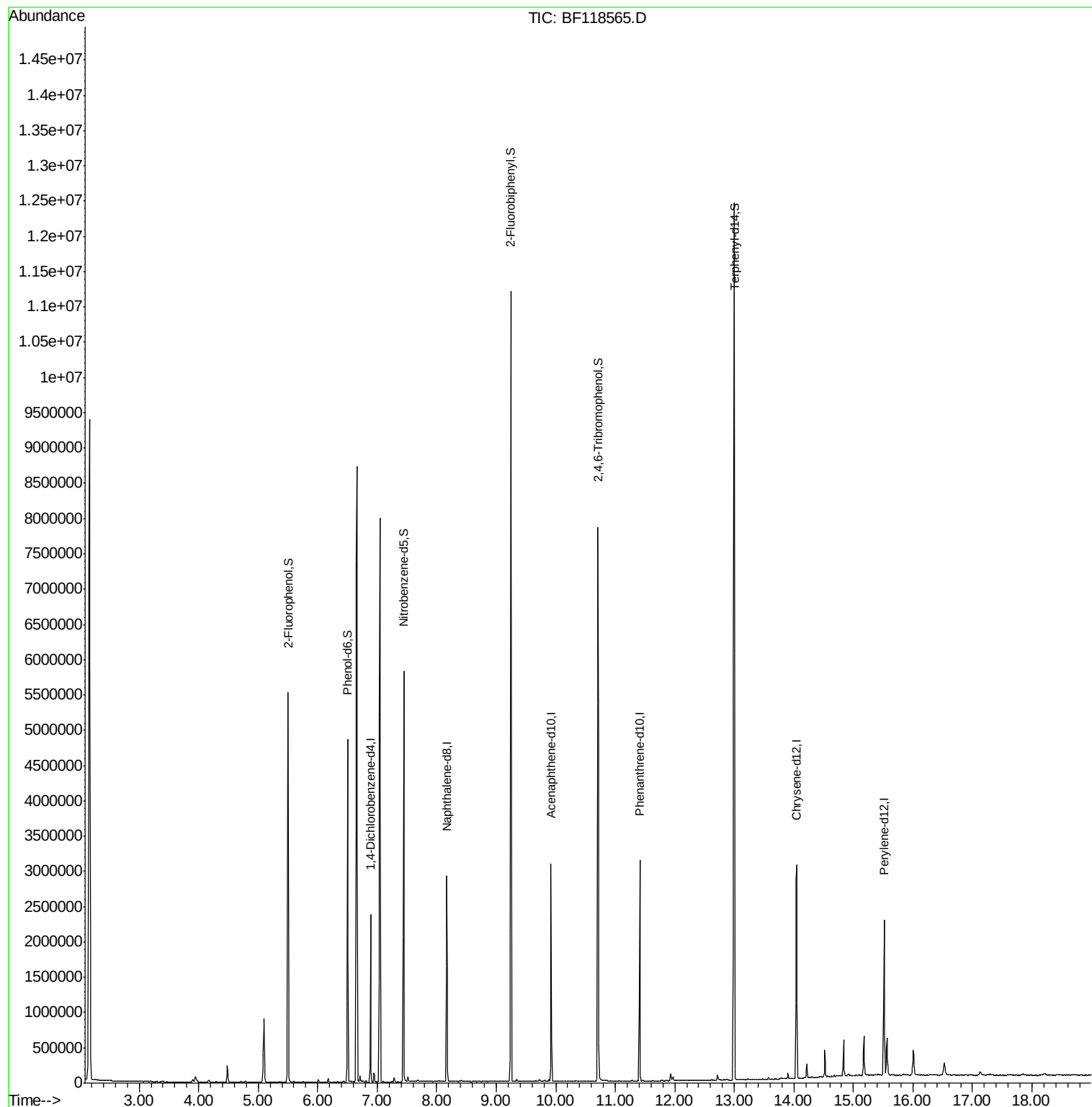
Target Compounds Qvalue

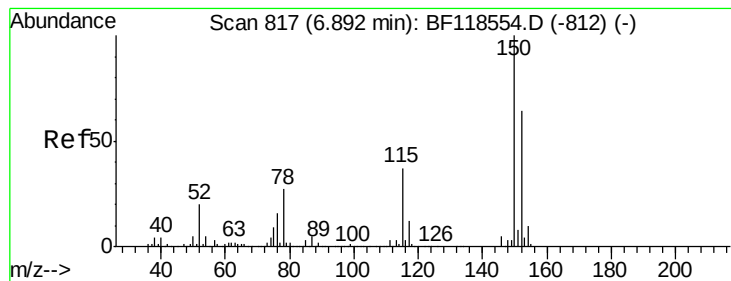
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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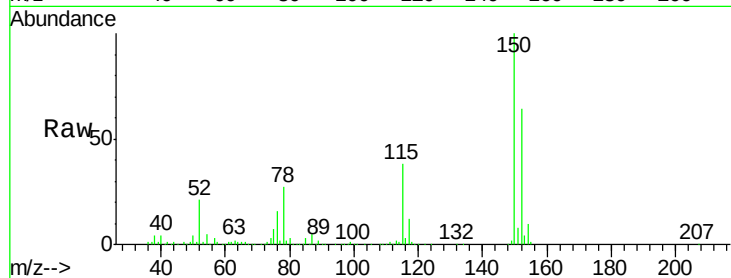


#1

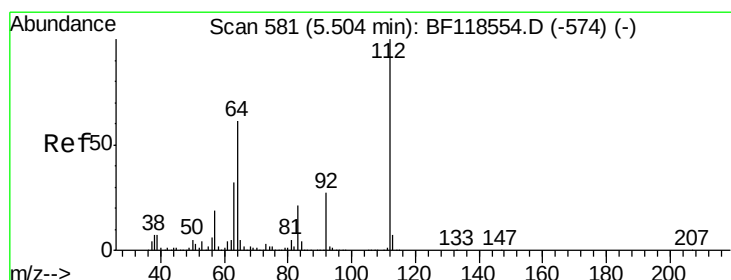
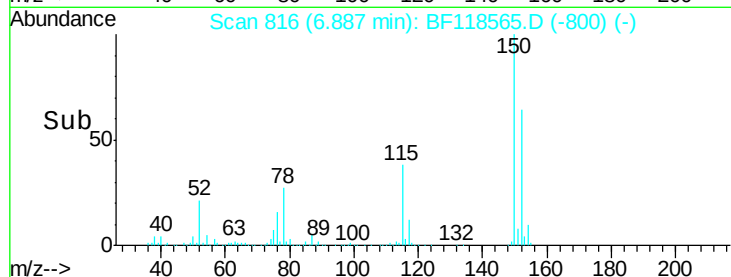
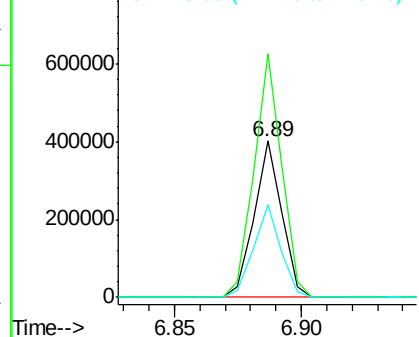
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF118565.D
Acq: 17 Jan 2020 18:35

Instrument :
BNA_F
ClientSampleId :
PB126158BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.9	187.3
115	59.0	45.8	68.6



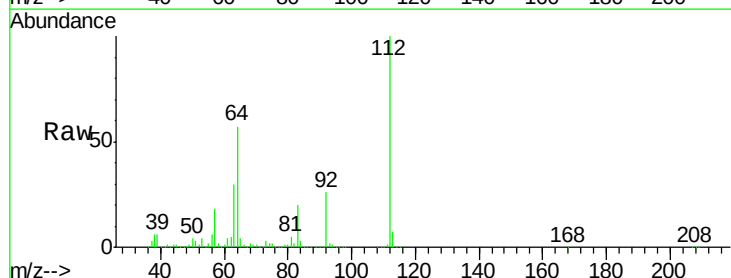
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



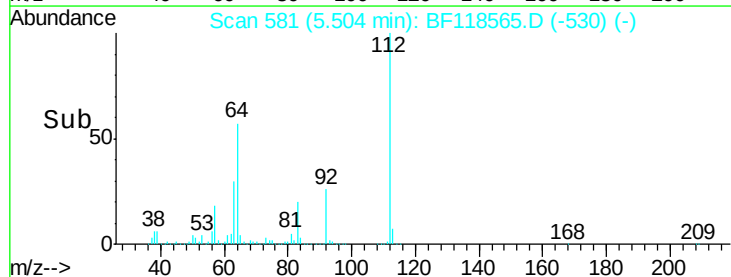
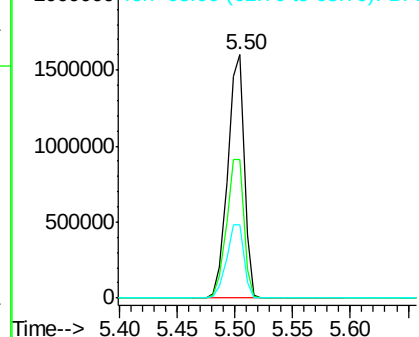
#5

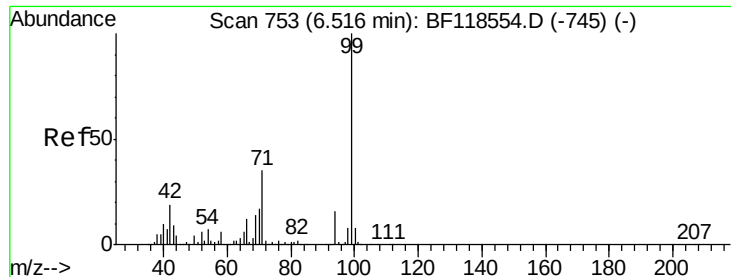
2-Fluorophenol
Concen: 97.066 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF118565.D
Acq: 17 Jan 2020 18:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	49.1	73.7
63	30.2	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: 65.825 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118565.D

Acq: 17 Jan 2020 18:35

Instrument :

BNA_F

ClientSampleId :

PB126158BL

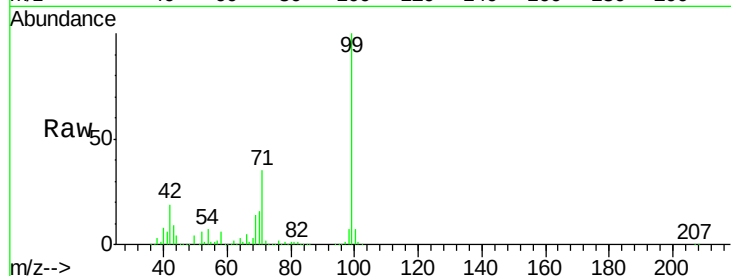
Tot Ion: 99 Resp: 1412809

Ion Ratio Lower Upper

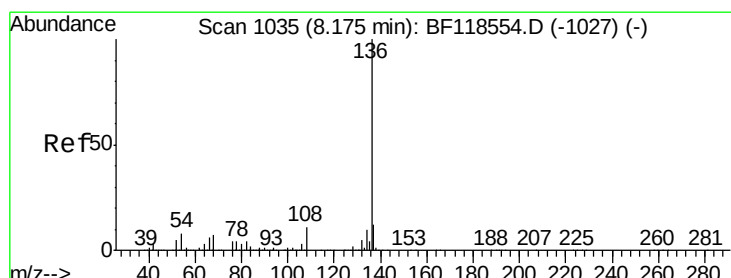
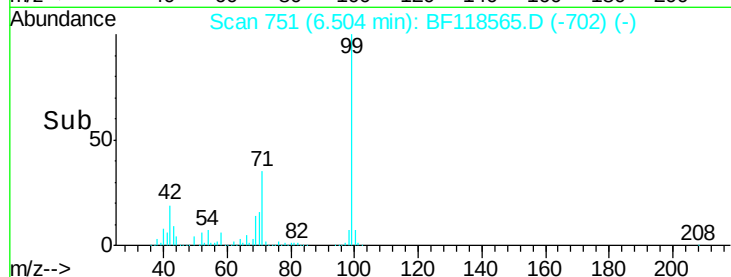
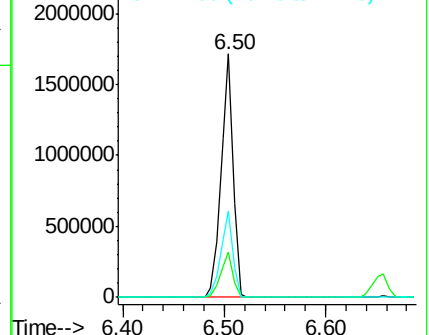
99 100

42 18.8 14.9 22.3

71 35.3 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: BF118565.D

Acq: 17 Jan 2020 18:35

Tgt Ion: 136 Resp: 1112105

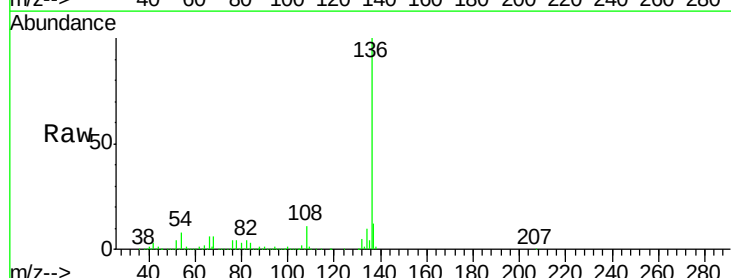
Ion Ratio Lower Upper

136 100

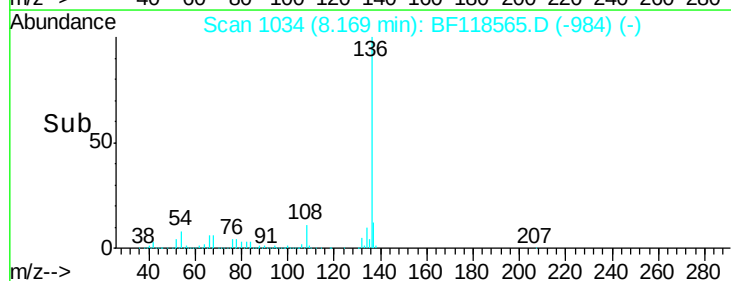
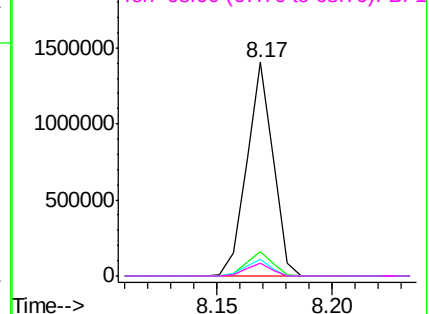
137 11.5 9.4 14.0

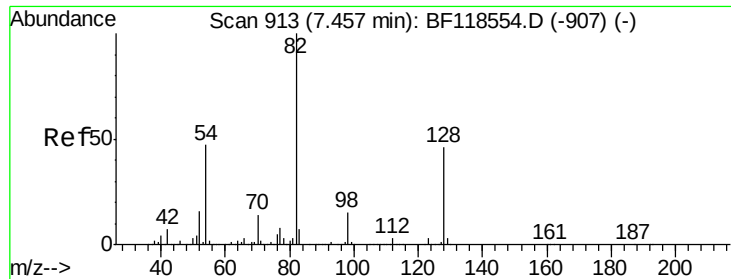
54 7.5 6.2 9.2

68 6.2 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

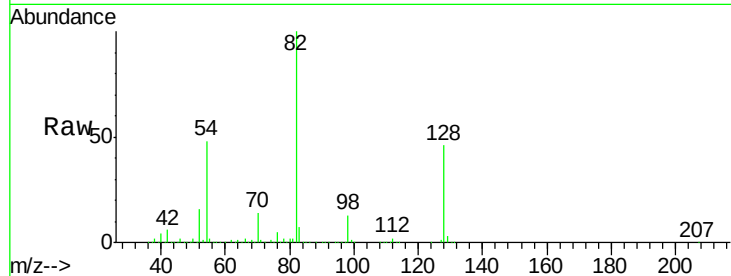




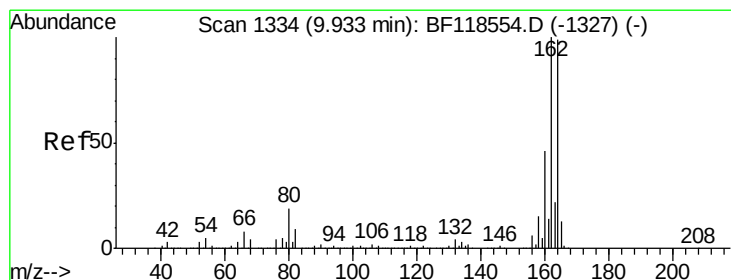
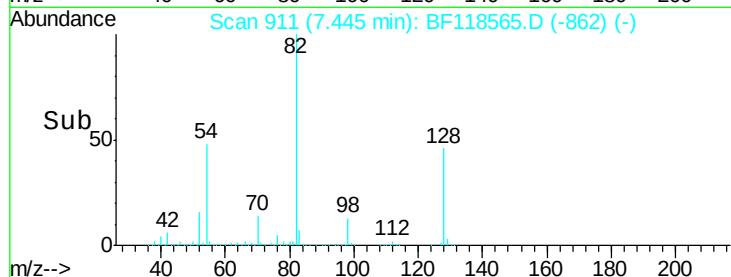
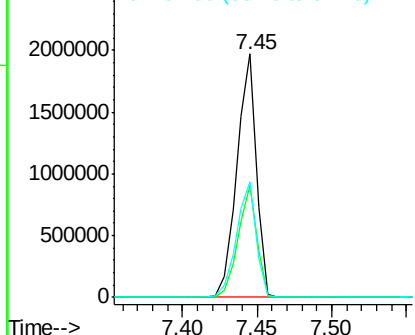
#23
Nitrobenzene-d5
Concen: 99.862 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF118565.D
Acq: 17 Jan 2020 18:35

Instrument :
BNA_F
ClientSampleId :
PB126158BL

Tot Ion: 82 Resp: 1798148
Ion Ratio Lower Upper
82 100
128 45.7 37.0 55.4
54 47.5 37.4 56.0

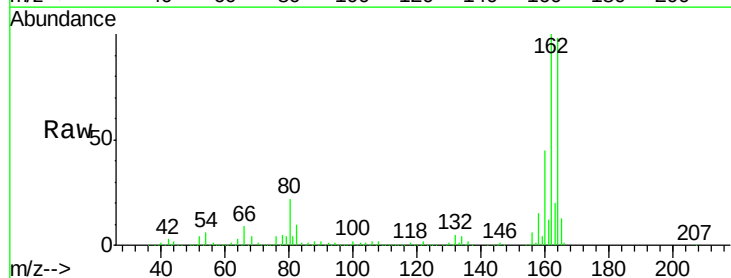


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

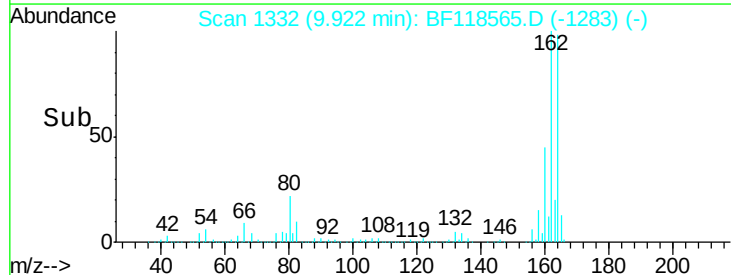
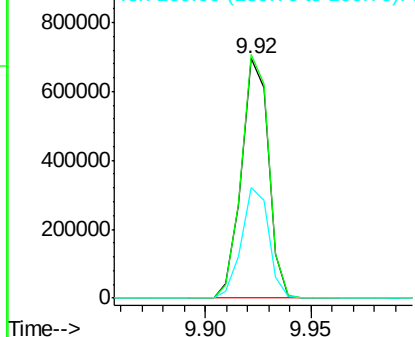


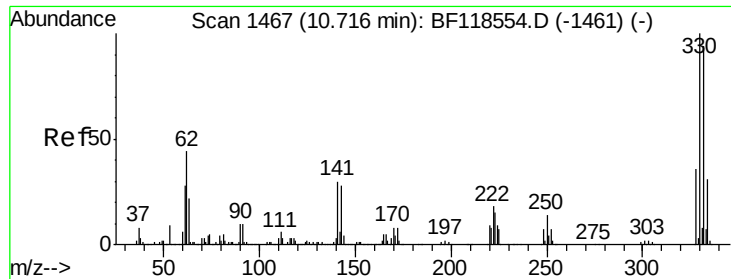
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118565.D
Acq: 17 Jan 2020 18:35

Tgt Ion:164 Resp: 618767
Ion Ratio Lower Upper
164 100
162 101.7 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: 151.863 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF118565.D

Acq: 17 Jan 2020 18:35

Instrument :

BNA_F

ClientSampled :

PB126158BL

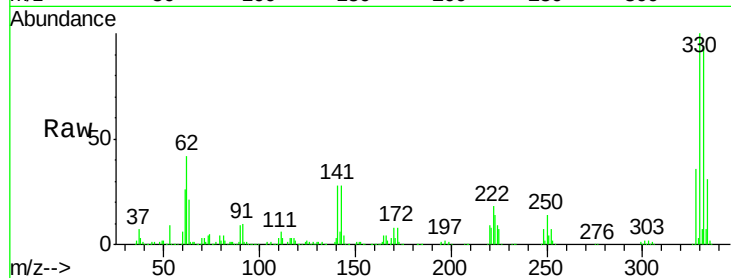
Tot Ion:330 Resp: 1038797

Ion Ratio Lower Upper

330 100

332 95.4 76.4 114.6

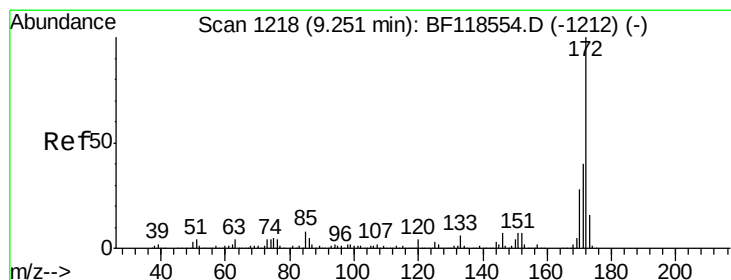
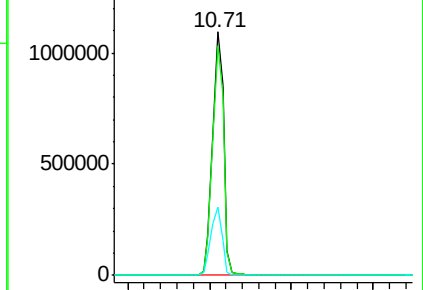
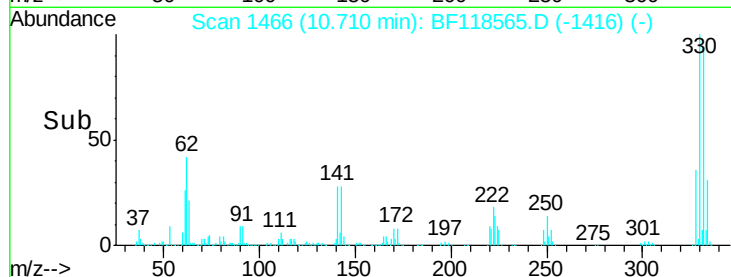
141 28.5 23.4 35.2



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: 98.504 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF118565.D

Acq: 17 Jan 2020 18:35

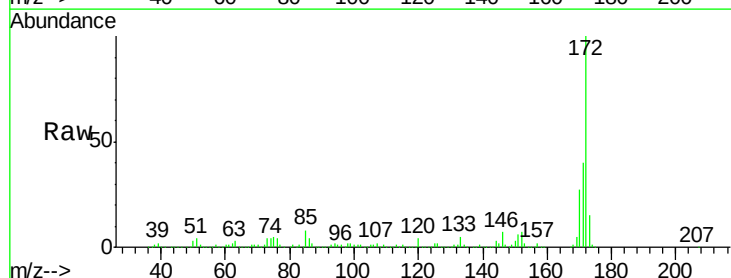
Tgt Ion:172 Resp: 3376211

Ion Ratio Lower Upper

172 100

171 39.6 32.4 48.6

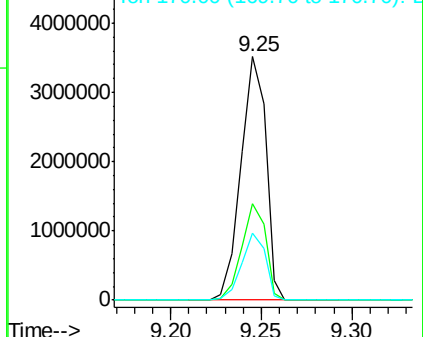
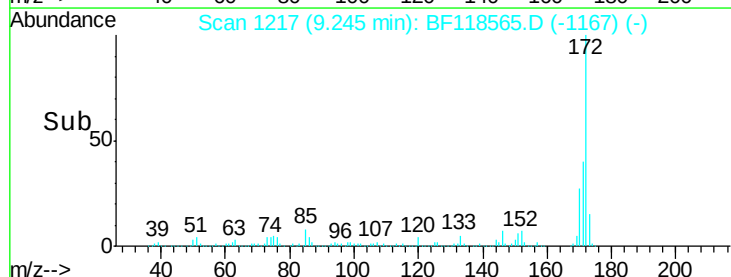
170 27.4 22.5 33.7

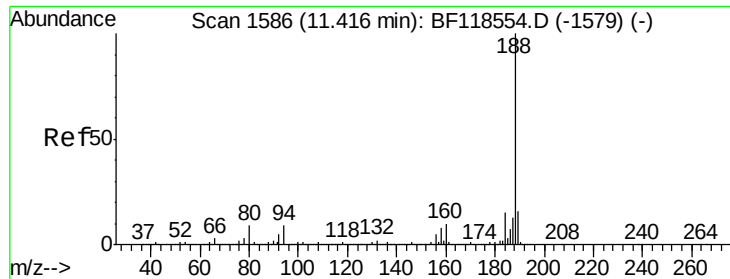


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF118565.D

Acq: 17 Jan 2020 18:35

Instrument :

BNA_F

ClientSampleId :

PB126158BL

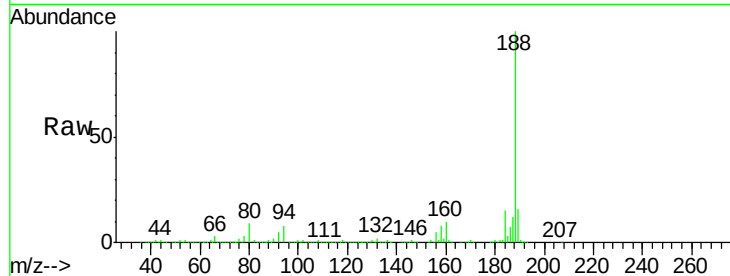
Tot Ion:188 Resp: 1171500

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

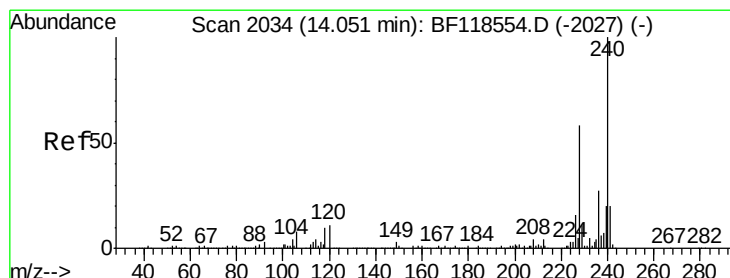
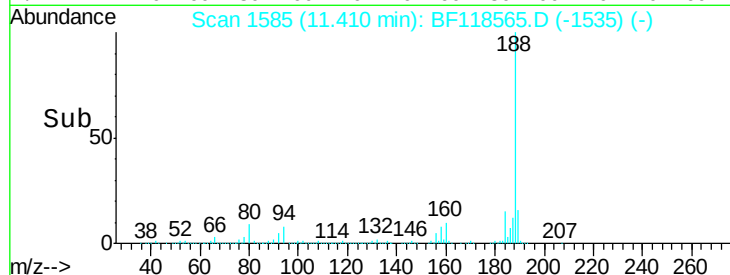
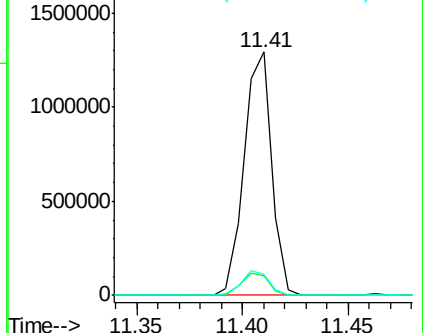
80 8.8 7.4 11.2



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: BF118565.D

Acq: 17 Jan 2020 18:35

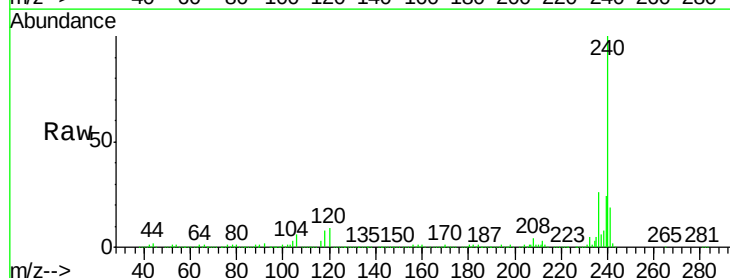
Tgt Ion:240 Resp: 1019716

Ion Ratio Lower Upper

240 100

120 8.9 8.7 13.1

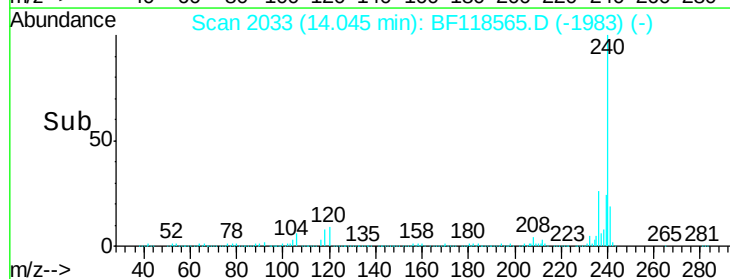
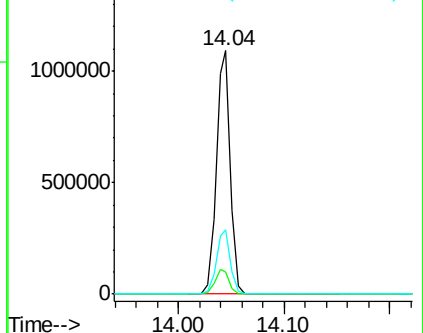
236 26.4 21.8 32.8

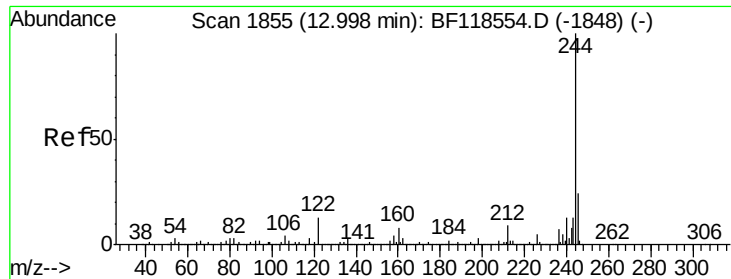


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 87.024 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF118565.D

Acq: 17 Jan 2020 18:35

Instrument :

BNA_F

ClientSampleId :

PB126158BL

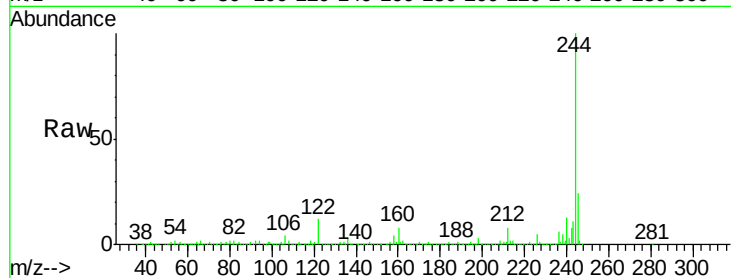
Tot Ion:244 Resp: 4493319

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

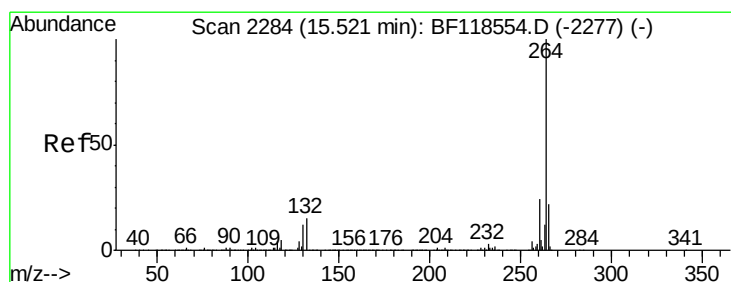
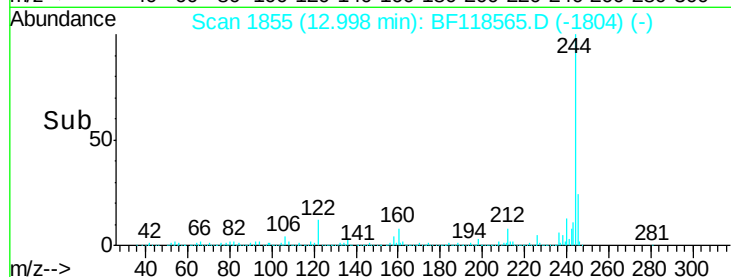
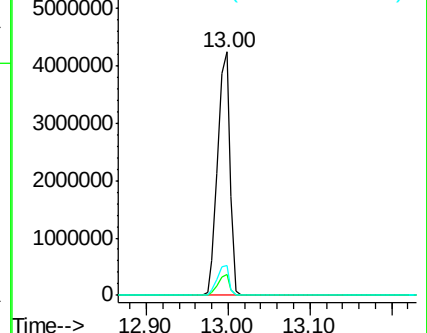
122 12.1 10.4 15.6



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: BF118565.D

Acq: 17 Jan 2020 18:35

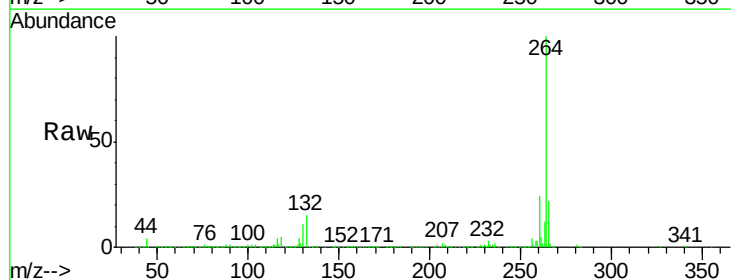
Tgt Ion:264 Resp: 1055581

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.7 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

