

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114888.D
 Acq On : 7 Jun 2019 2:54
 Operator : HP/JU
 Sample : K3153-01 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-060519-A

Quant Time: Jun 07 04:43:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	371597	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1171941	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	583504	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	962703	20.00	ng	0.00
76) Chrysene-d12	13.80	240	687984	20.00	ng	0.00
87) Perylene-d12	15.18	264	520762	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	478954	22.52	ng	0.00
7) Phenol-d6	6.30	99	585644	22.63	ng	0.00
23) Nitrobenzene-d5	7.23	82	352035	18.49	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	111075	17.66	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	633054	20.32	ng	0.00
79) Terphenyl-d14	12.75	244	522574	14.77	ng	0.00

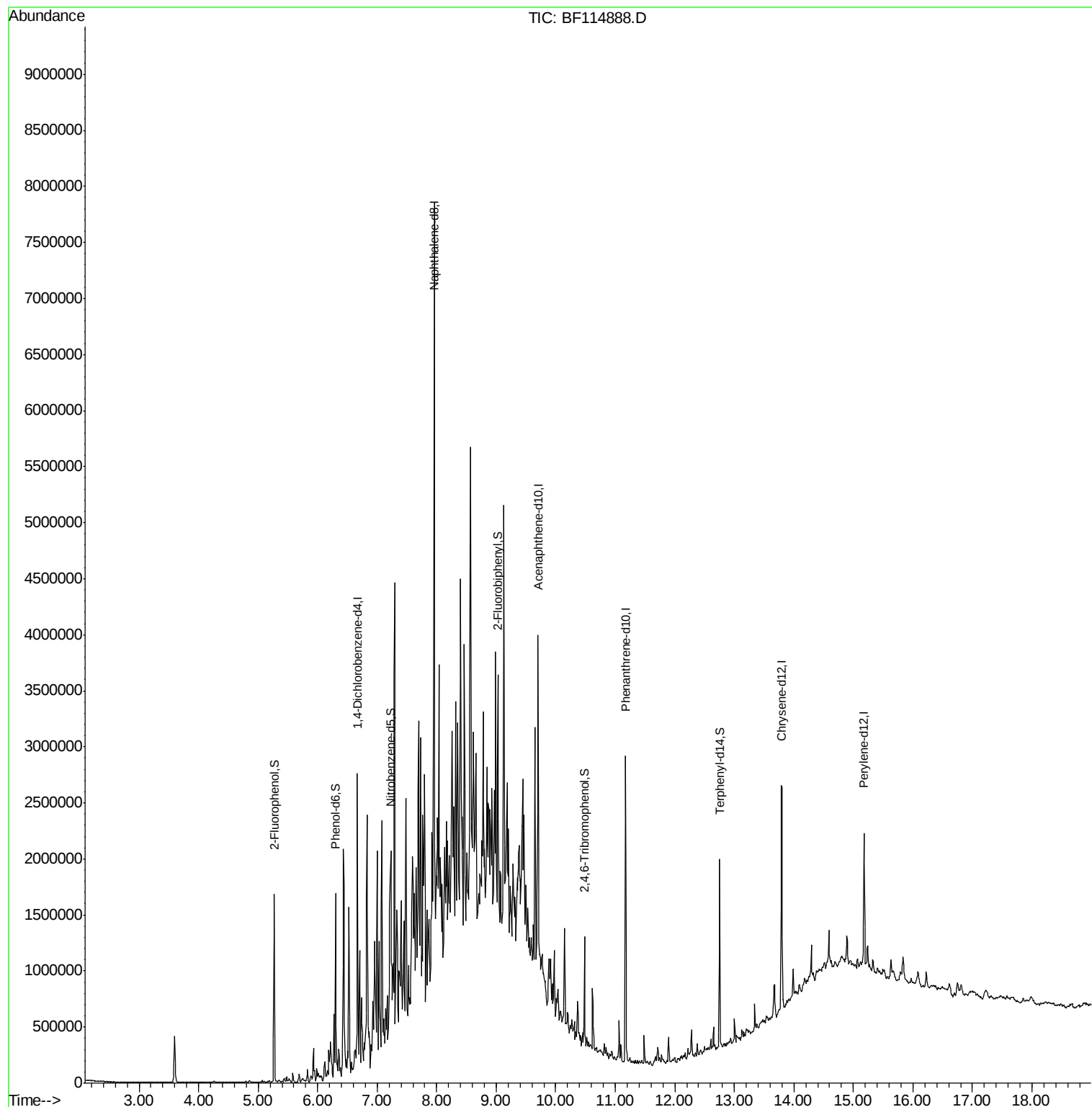
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114888.D
Acq On : 7 Jun 2019 2:54
Operator : HP/JU
Sample : K3153-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-060519-A

Quant Time: Jun 07 04:43:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration



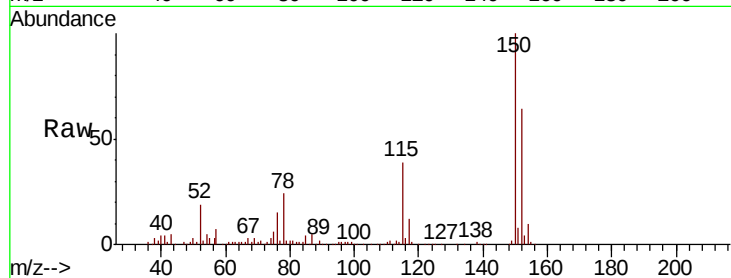


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114888.D
Acq: 7 Jun 2019 2:54

Instrument :
BNA_F
ClientSampleId :
HR-05-060519-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.0	186.0
115	61.1	46.3	69.5

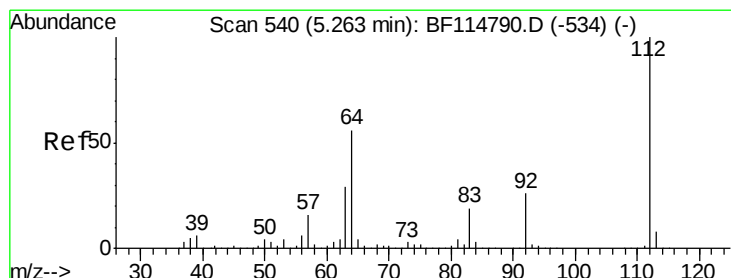
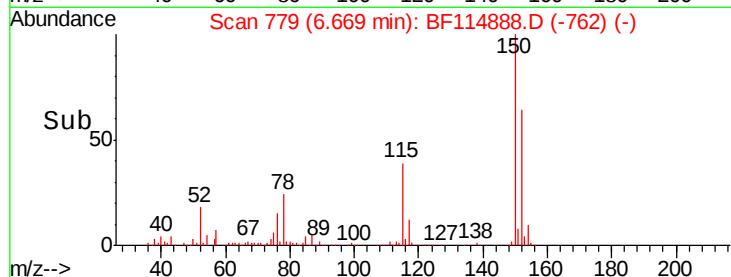
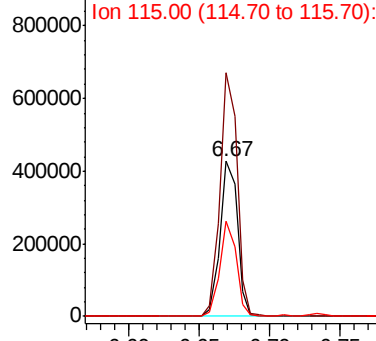


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

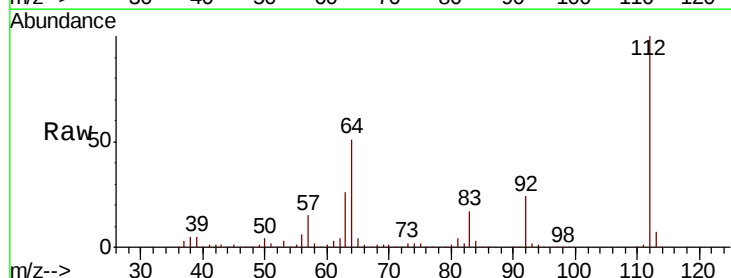
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 22.522 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF114888.D
Acq: 7 Jun 2019 2:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.3	44.6	66.8
63	25.8	23.0	34.4

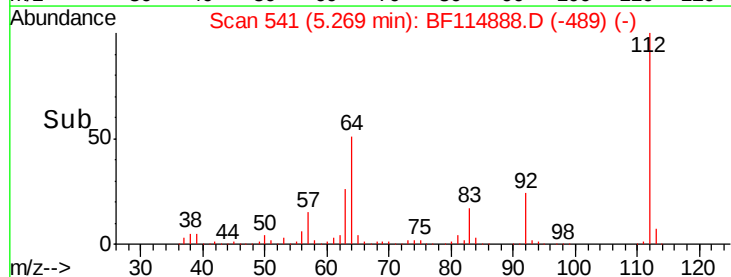
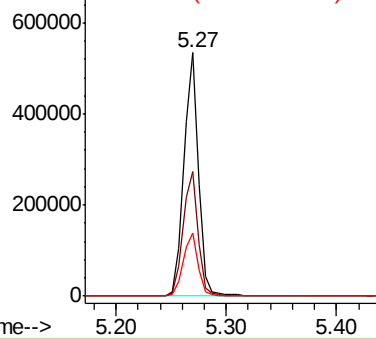


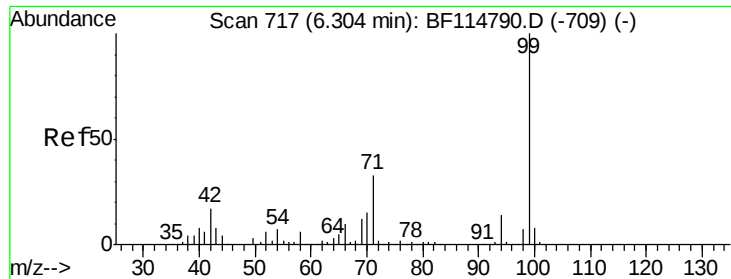
Abundance

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: 22.632 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114888.D

Acq: 7 Jun 2019 2:54

Instrument :

BNA_F

ClientSampleId :

HR-05-060519-A

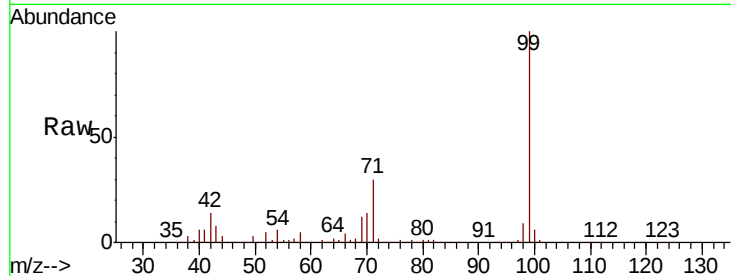
Tot Ion: 99 Resp: 585644

Ion Ratio Lower Upper

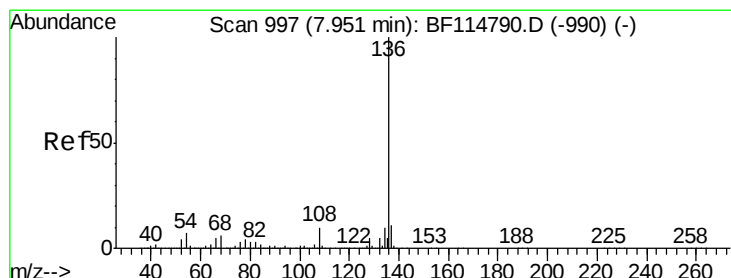
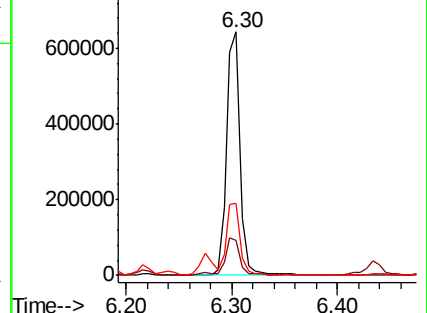
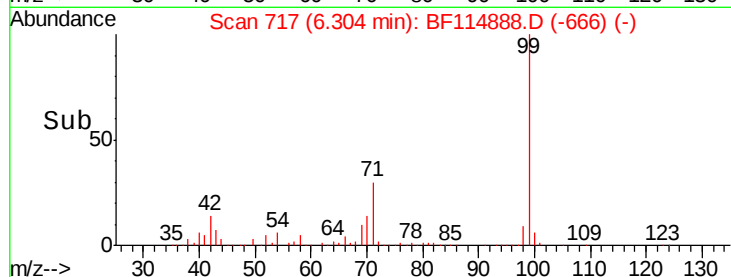
99 100

42 14.5 13.3 19.9

71 29.6 26.3 39.5



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: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF114888.D

Acq: 7 Jun 2019 2:54

Tgt Ion: 136 Resp: 1171941

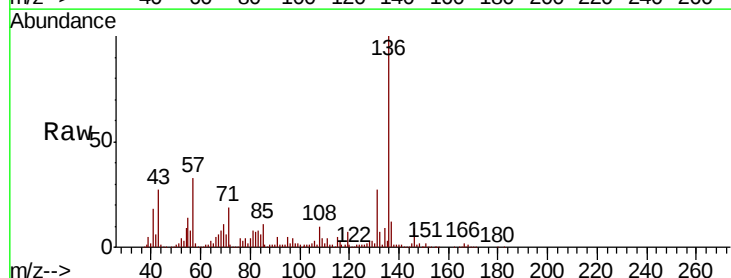
Ion Ratio Lower Upper

136 100

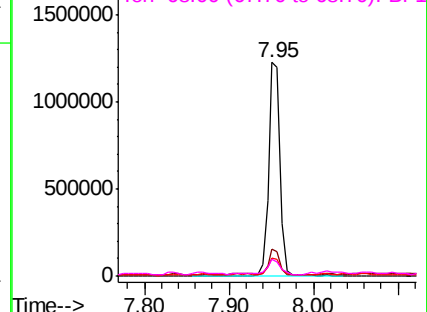
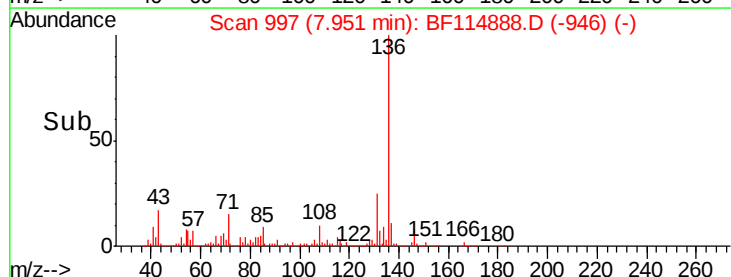
137 12.4 9.1 13.7

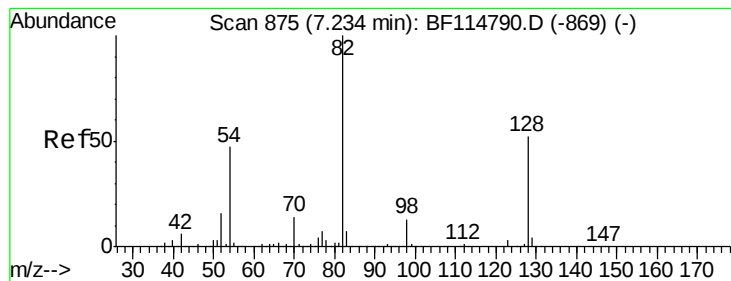
54 8.6 5.4 8.0#

68 7.5 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: 18.491 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF114888.D

Acq: 7 Jun 2019 2:54

Instrument :

BNA_F

ClientSampleId :

HR-05-060519-A

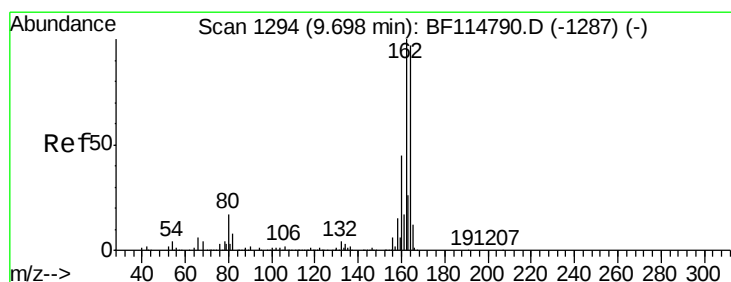
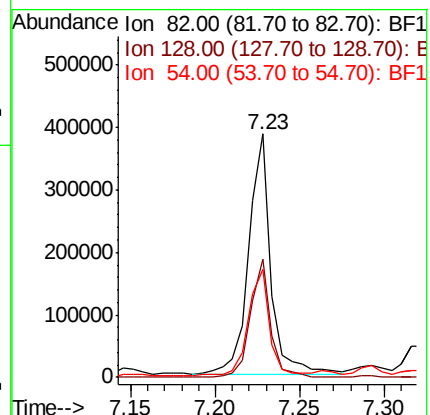
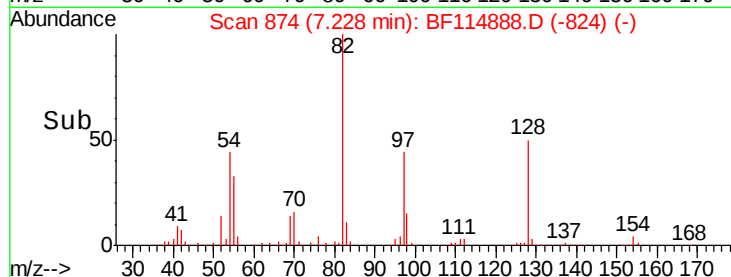
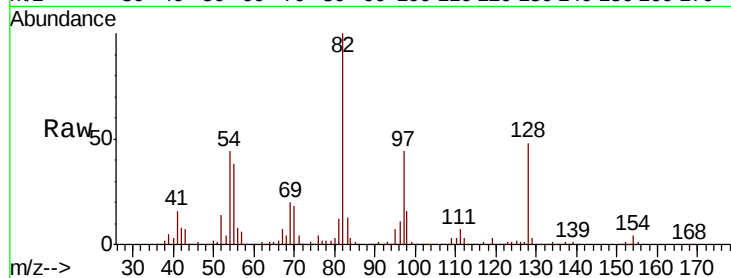
Tot Ion: 82 Resp: 352035

Ion Ratio Lower Upper

82 100

128 48.4 41.8 62.6

54 44.4 37.9 56.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF114888.D

Acq: 7 Jun 2019 2:54

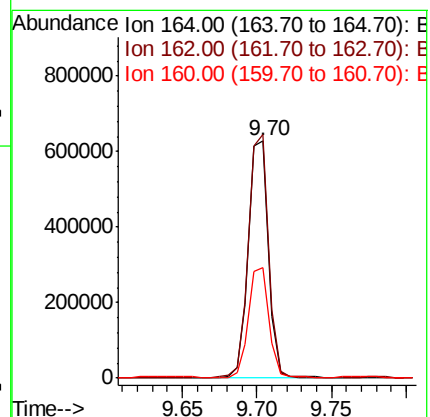
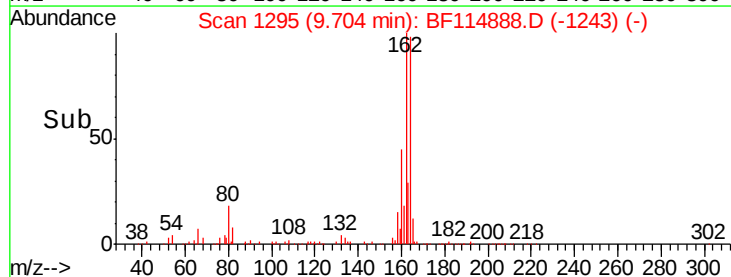
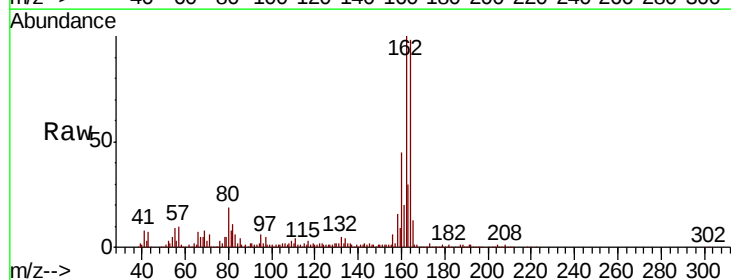
Tgt Ion:164 Resp: 583504

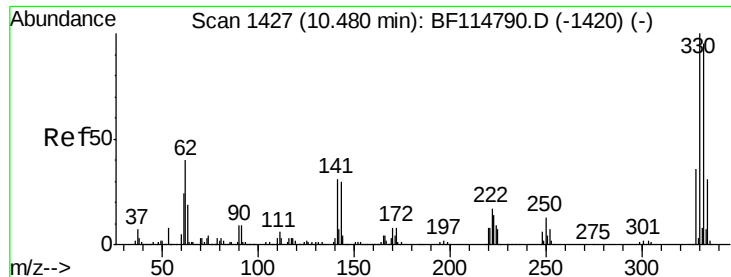
Ion Ratio Lower Upper

164 100

162 102.5 82.3 123.5

160 46.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 17.664 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF114888.D

Acq: 7 Jun 2019 2:54

Instrument :

BNA_F

ClientSampleId :

HR-05-060519-A

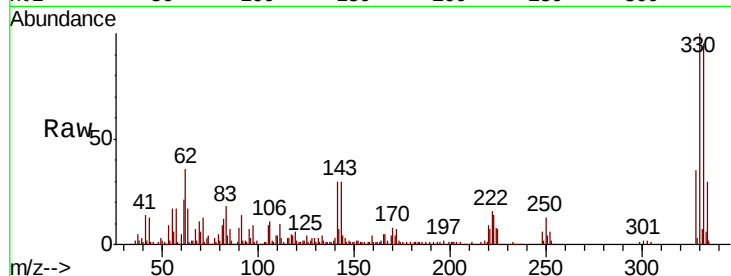
Tot Ion:330 Resp: 111075

Ion Ratio Lower Upper

330 100

332 95.0 77.3 115.9

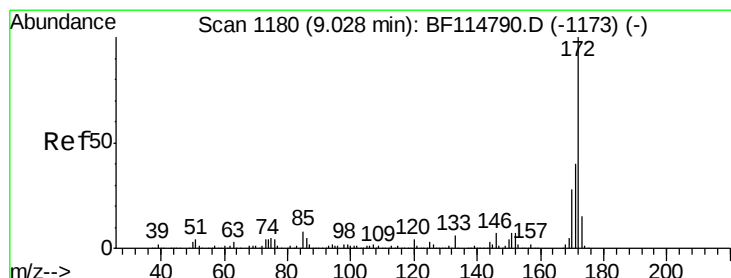
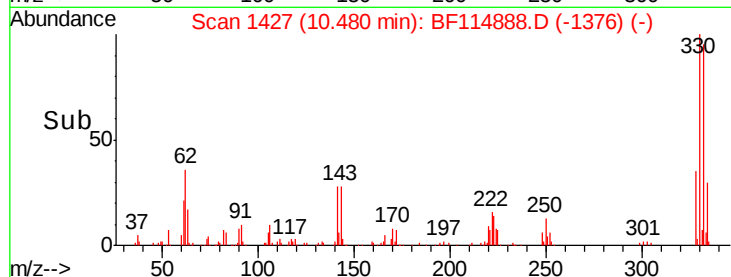
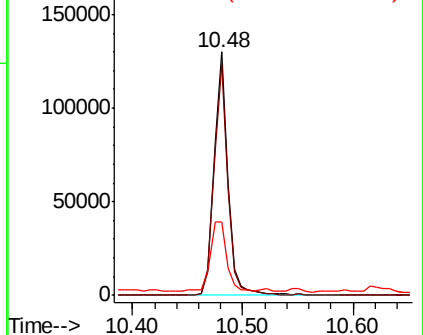
141 34.3 26.2 39.4



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: 20.323 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF114888.D

Acq: 7 Jun 2019 2:54

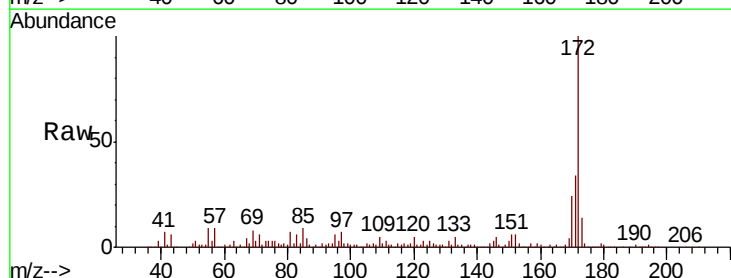
Tgt Ion:172 Resp: 633054

Ion Ratio Lower Upper

172 100

171 34.5 32.3 48.5

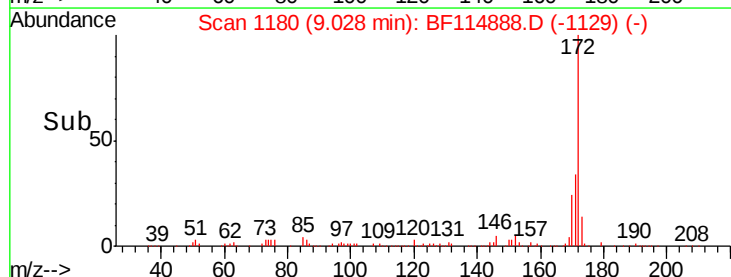
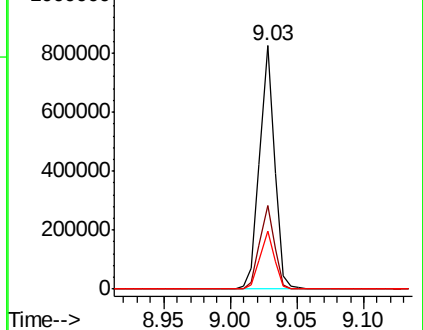
170 23.7 22.4 33.6

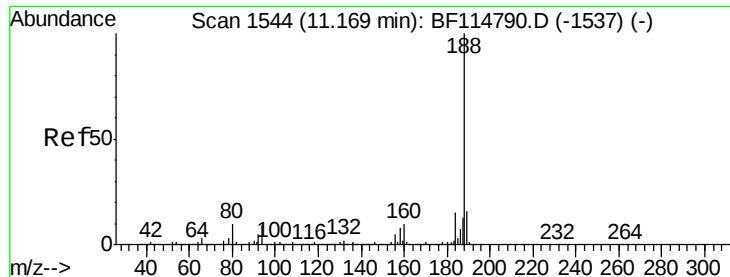


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF114888.D

Acq: 7 Jun 2019 2:54

Instrument :

BNA_F

ClientSampleId :

HR-05-060519-A

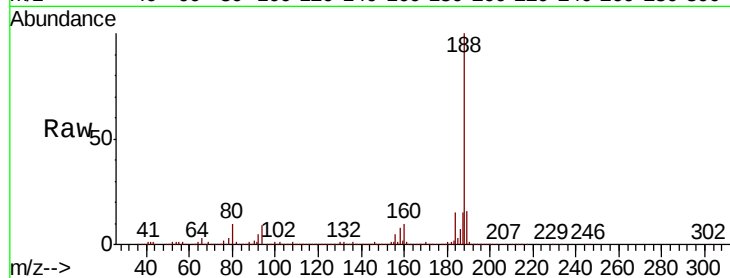
Tot Ion:188 Resp: 962703

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

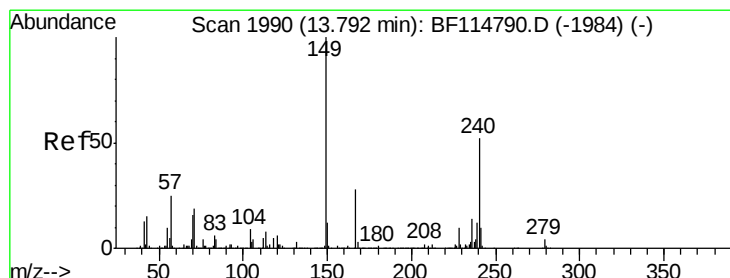
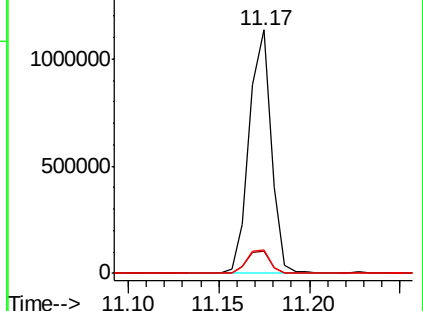
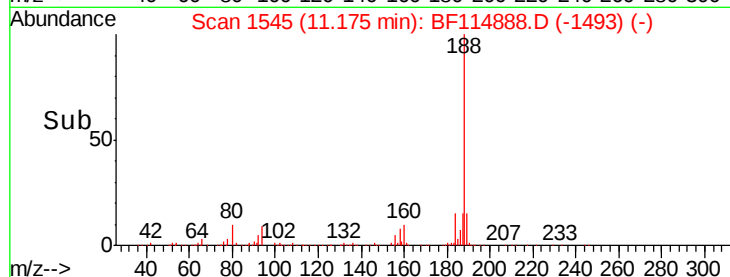
80 9.7 8.3 12.5



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: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114888.D

Acq: 7 Jun 2019 2:54

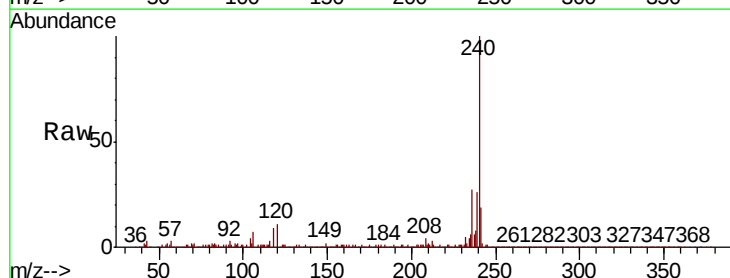
Tgt Ion:240 Resp: 687984

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.4

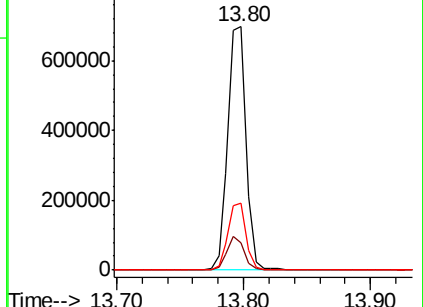
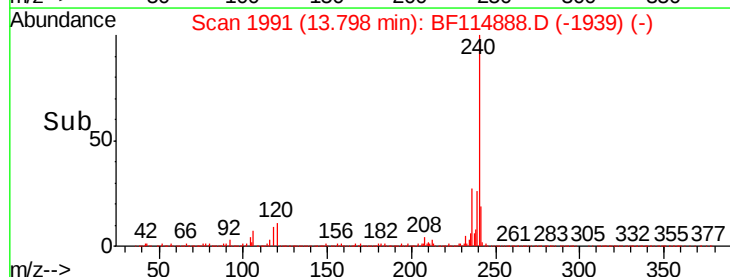
236 27.3 21.4 32.0

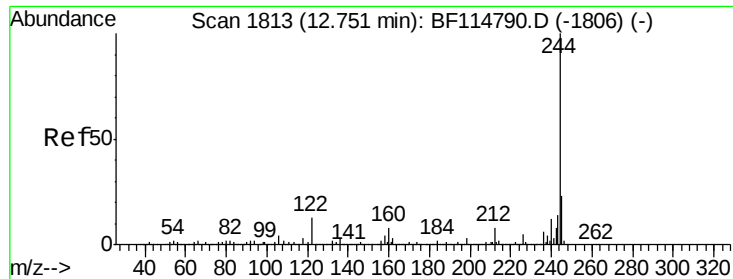


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 14.772 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF114888.D

Acq: 7 Jun 2019 2:54

Instrument :

BNA_F

ClientSampleId :

HR-05-060519-A

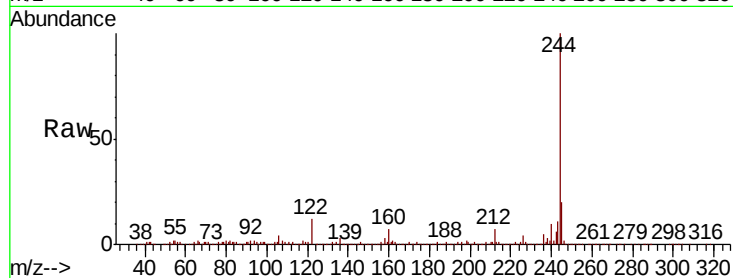
Tot Ion:244 Resp: 522574

Ion Ratio Lower Upper

244 100

212 6.6 6.5 9.7

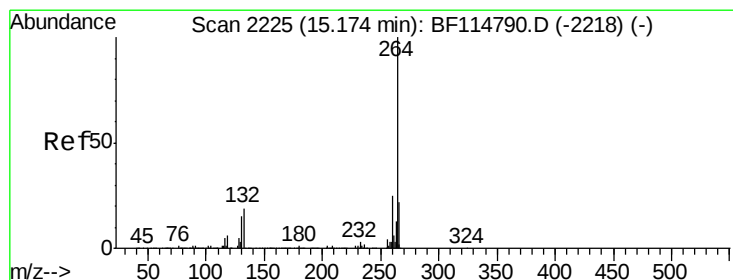
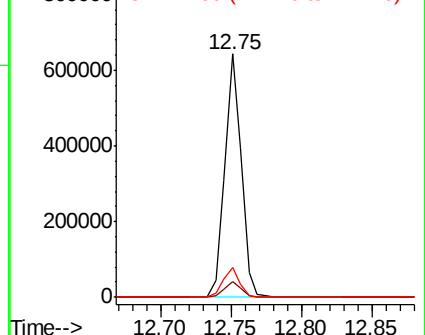
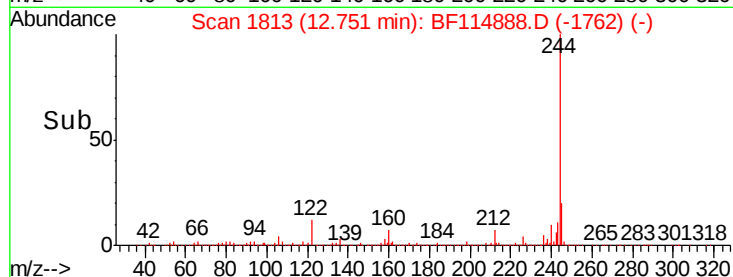
122 12.3 10.5 15.7



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: 15.18 min Scan# 2226

Delta R.T. 0.01 min

Lab File: BF114888.D

Acq: 7 Jun 2019 2:54

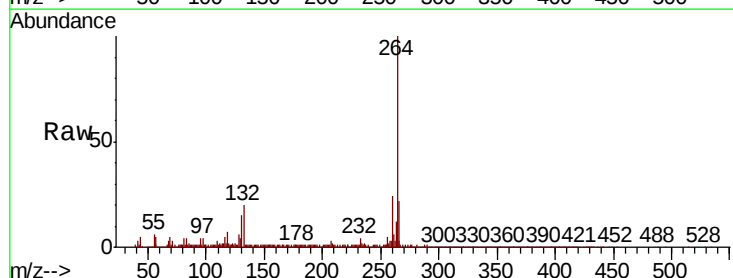
Tgt Ion:264 Resp: 520762

Ion Ratio Lower Upper

264 100

260 24.2 20.1 30.1

265 21.9 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

