

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 04:01:42 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

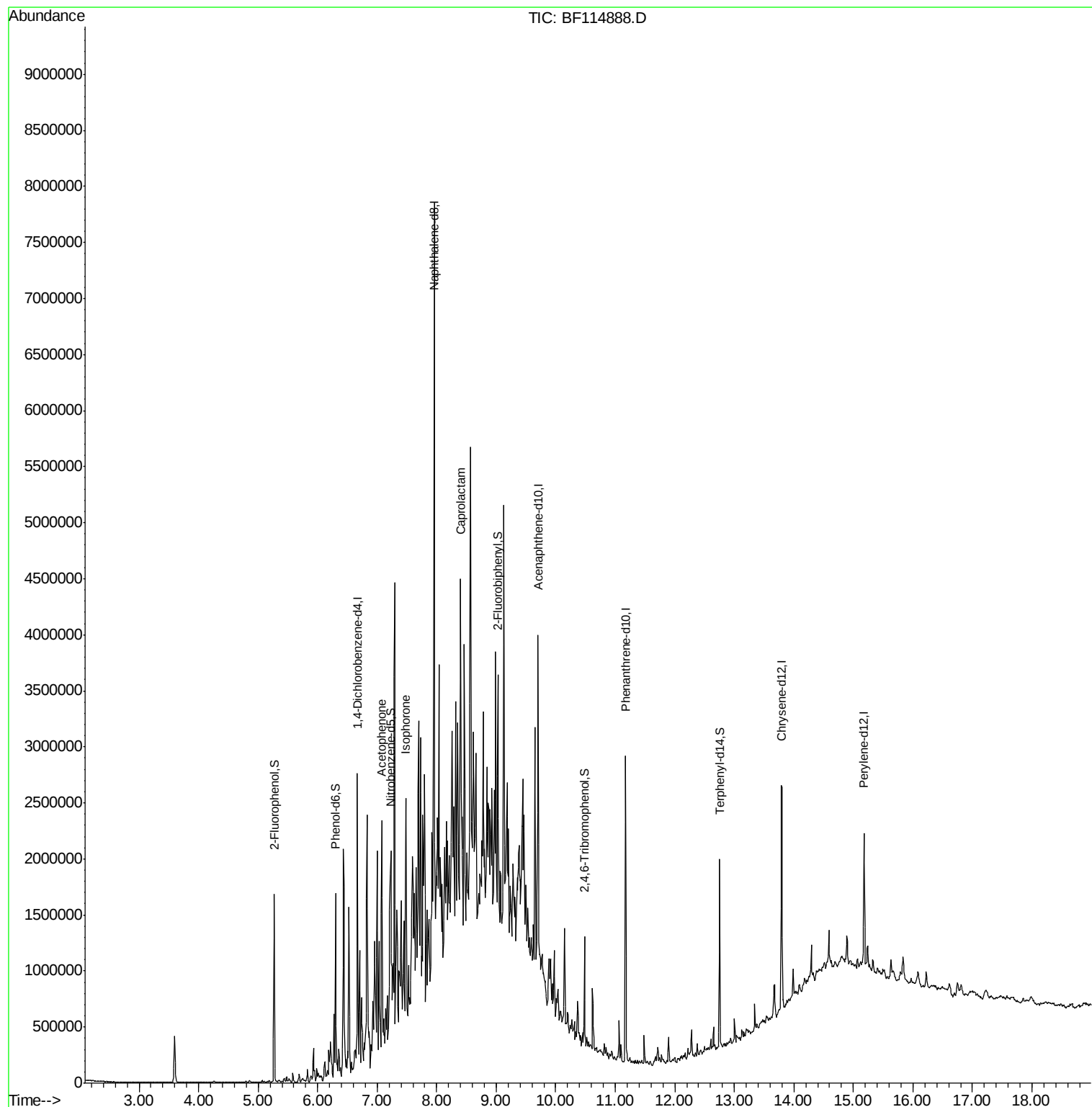
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	371597	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1171941	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	583504	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	962703	20.00	ng	0.00
76) Chrysene-d12	13.80	240	687984	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						
22) Acetophenone	7.07	105	159020	6.163	ng	# 47
25) Isophorone	7.49	82	78228	2.078	ng	# 1
35) Caprolactam	8.40	113	66907	11.991	ng	# 9
58) Fluorene	10.24	166	8017	Below Cal		# 60

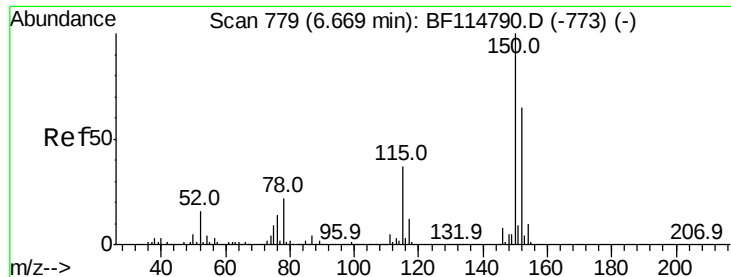
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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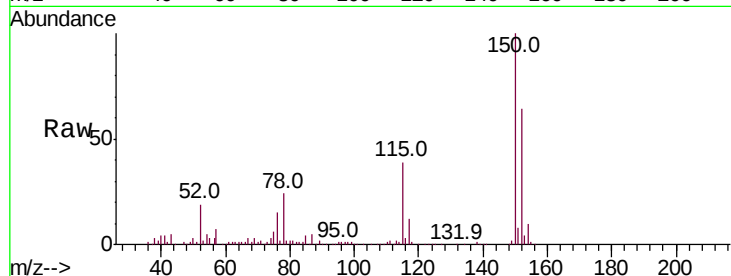


#1

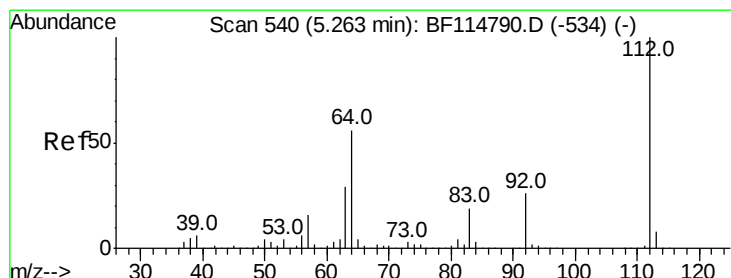
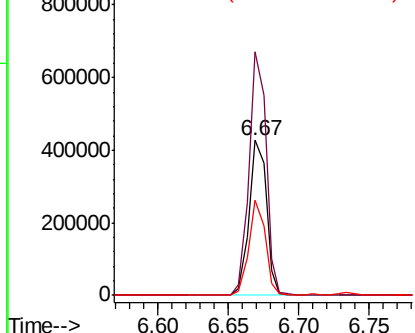
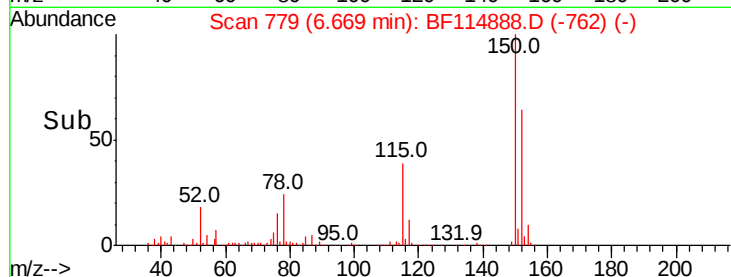
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114888.D
Acq: 7 Jun 2019 2:54

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

Tot Ion:152 Resp: 371597
Ion Ratio Lower Upper
152 100
150 157.0 124.0 186.0
115 61.1 46.3 69.5



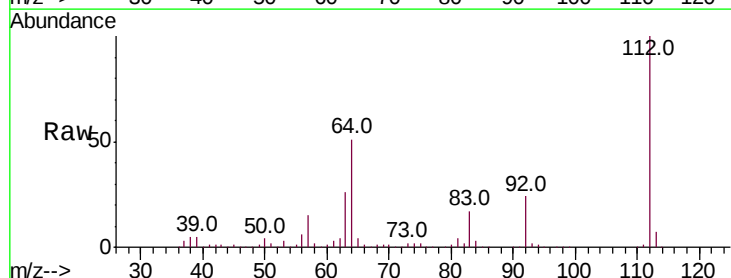
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



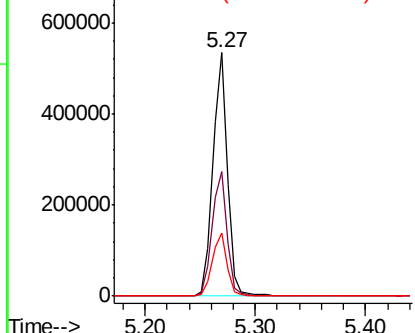
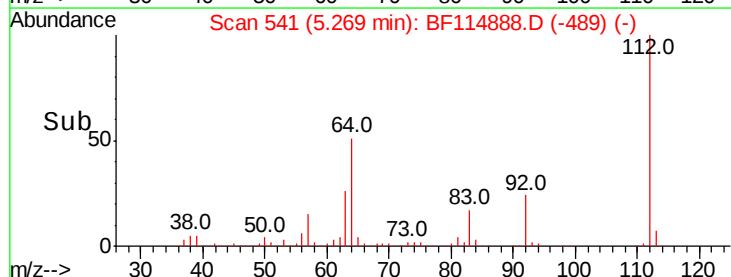
#5

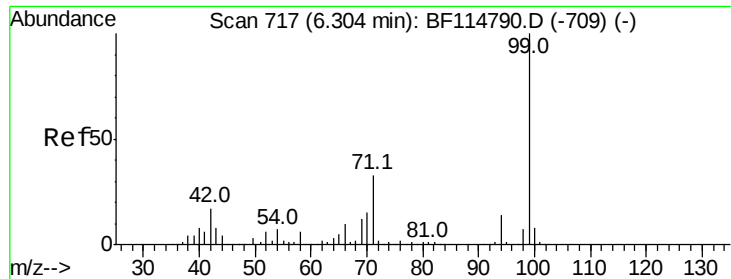
2-Fluorophenol
Concen: 22.522 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF114888.D
Acq: 7 Jun 2019 2:54

Tgt Ion:112 Resp: 478954
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

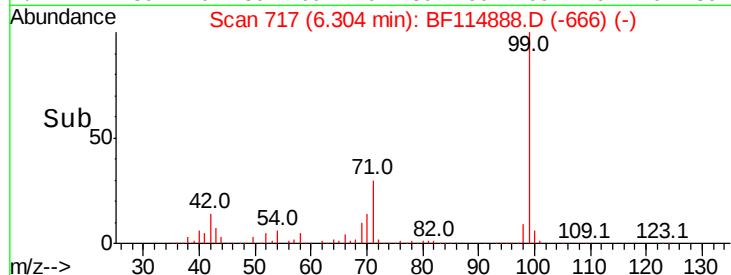
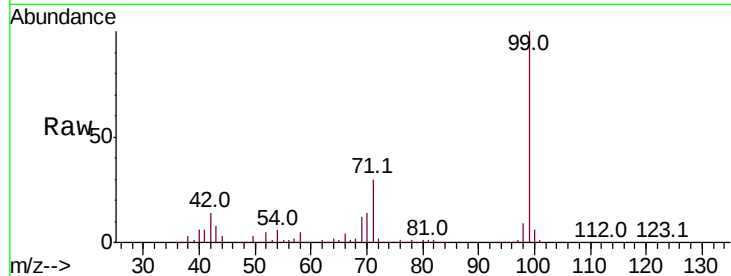
Tot Ion: 99 Resp: 585644

Ion Ratio Lower Upper

99 100

42 14.5 13.3 19.9

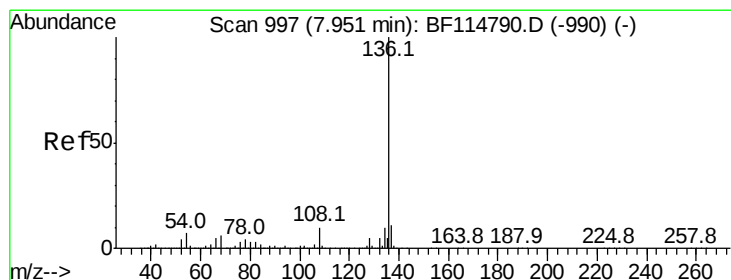
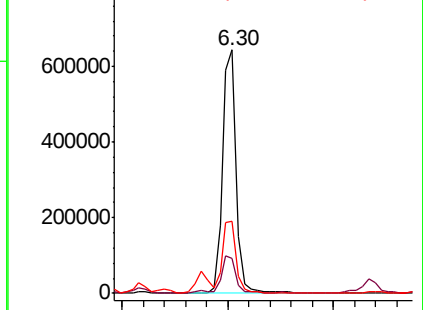
71 29.6 26.3 39.5



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

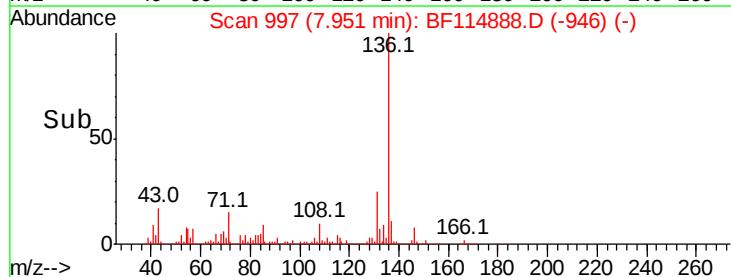
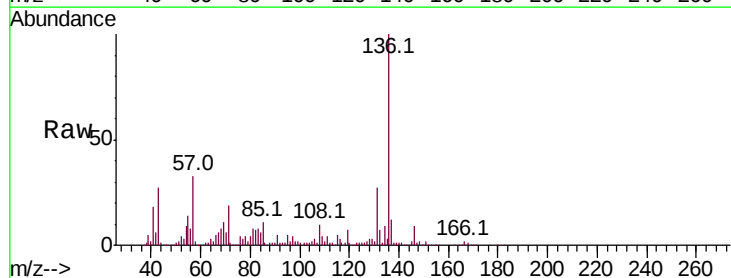
Ion Ratio Lower Upper

136 100

137 12.4 9.1 13.7

54 8.6 5.4 8.0#

68 7.5 4.6 6.8#

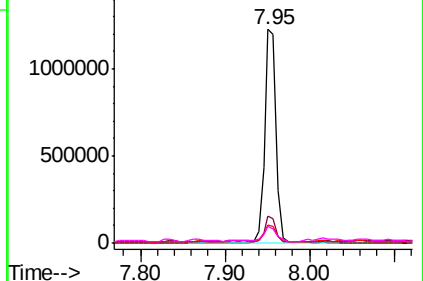


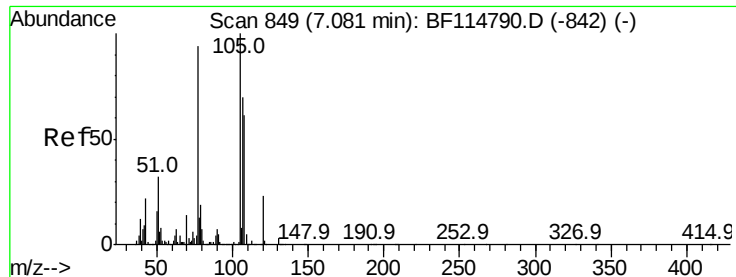
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 6.163 ng

RT: 7.07 min Scan# 848

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:105 Resp: 159020

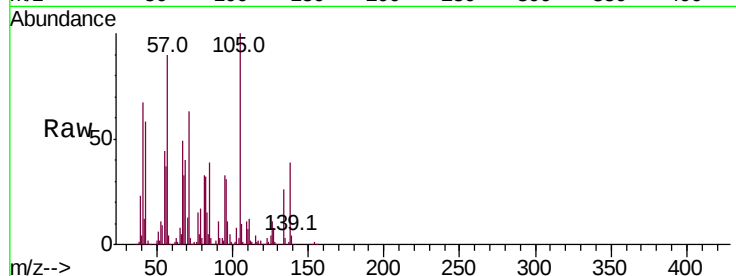
Ion Ratio Lower Upper

105 100

71 62.6 2.0 3.0#

51 6.0 25.4 38.0#

120 0.2 18.7 28.1#

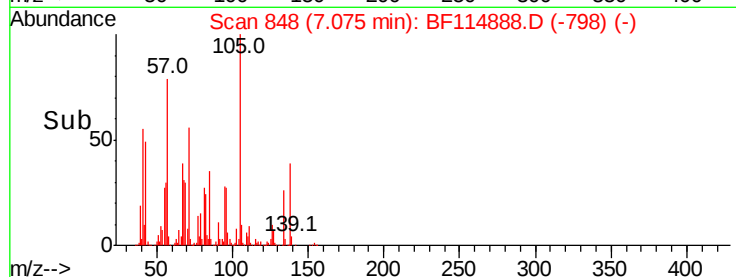
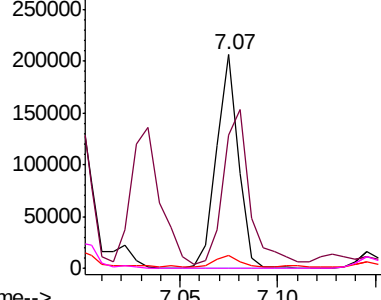


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#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

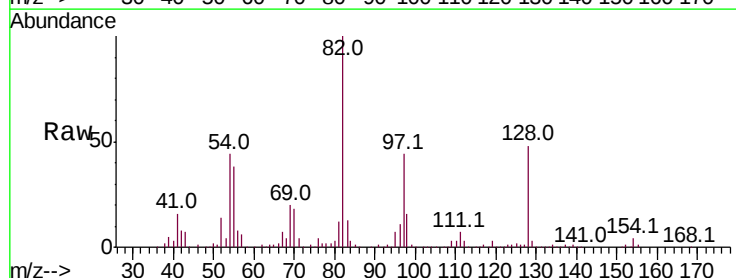
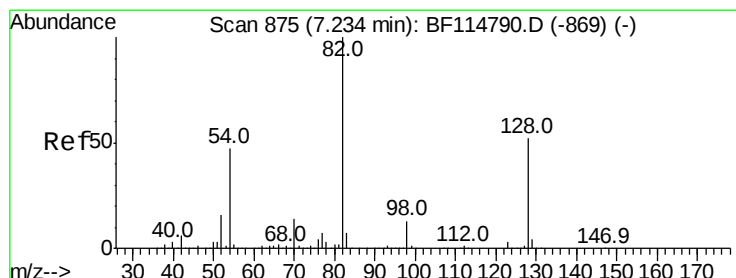
Tgt Ion: 82 Resp: 352035

Ion Ratio Lower Upper

82 100

128 48.4 41.8 62.6

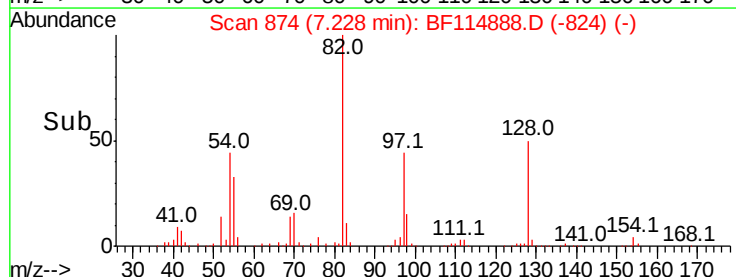
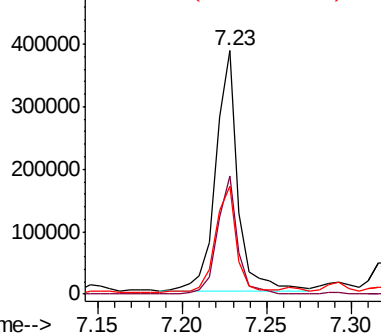
54 44.4 37.9 56.9

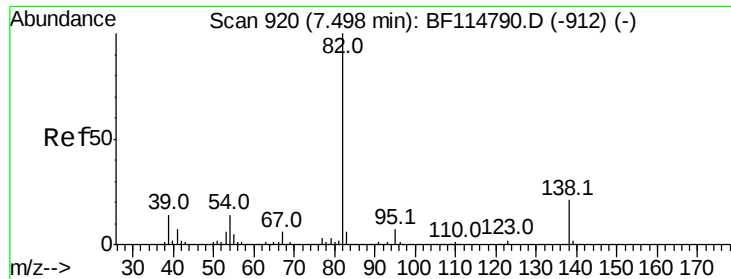


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 2.078 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF114888.D

Acq: 7 Jun 2019 2:54

Instrument :

BNA_F

ClientSampleId :

HR-05-060519-A

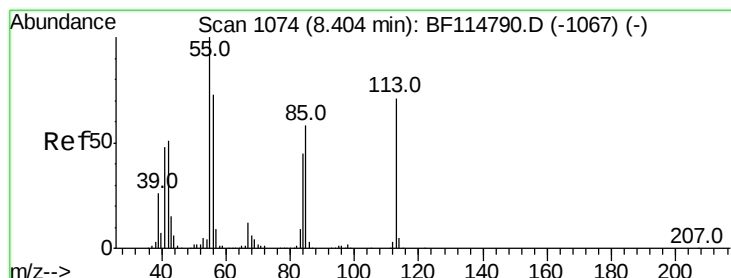
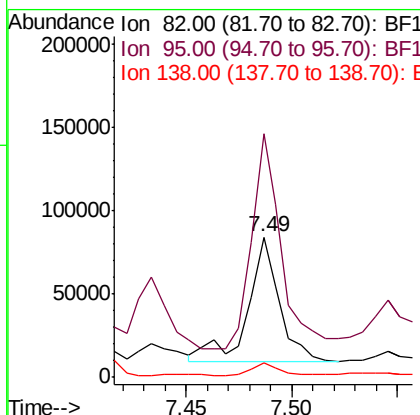
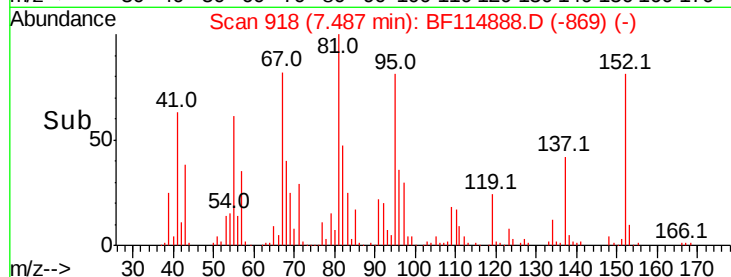
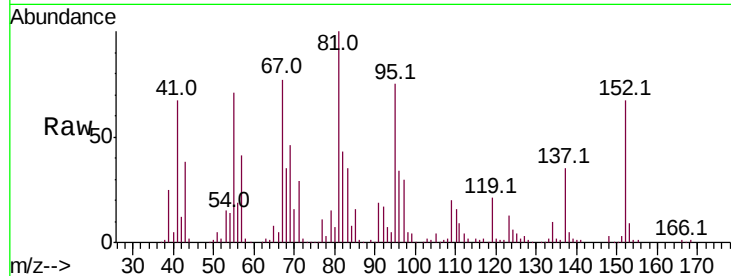
Tot Ion: 82 Resp: 78228

Ion Ratio Lower Upper

82 100

95 173.2 5.8 8.8#

138 10.5 16.9 25.3#



#35

Caprolactam

Concen: 11.991 ng

RT: 8.40 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF114888.D

Acq: 7 Jun 2019 2:54

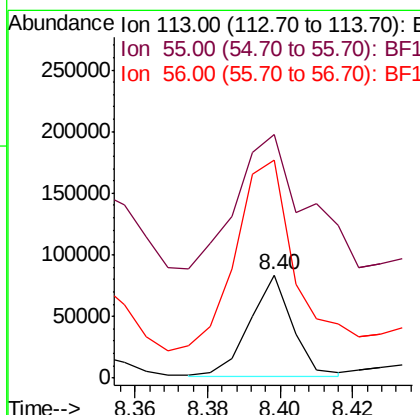
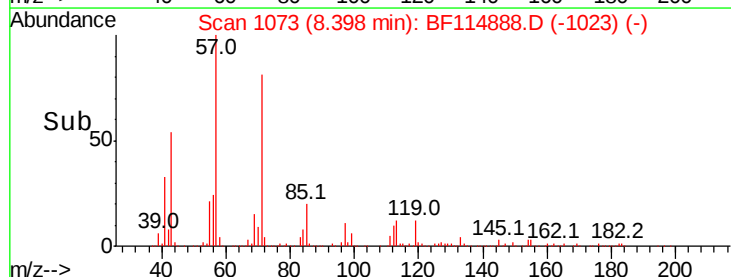
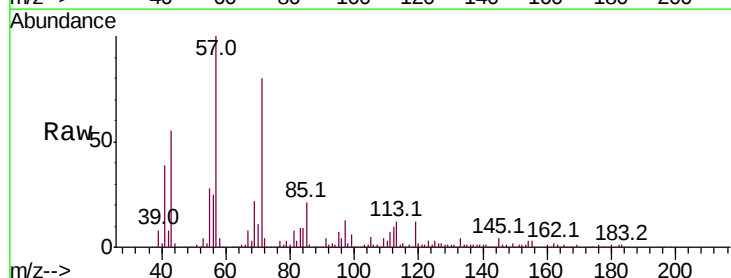
Tgt Ion: 113 Resp: 66907

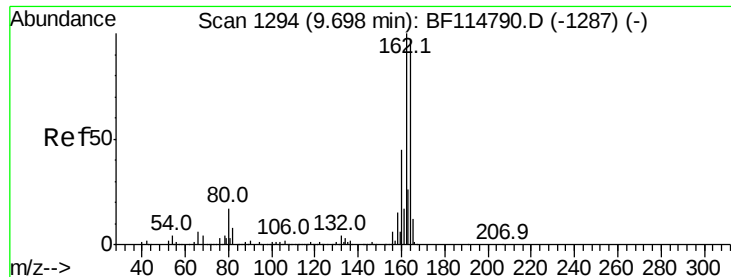
Ion Ratio Lower Upper

113 100

55 236.8 121.1 161.1#

56 211.6 82.6 122.6#

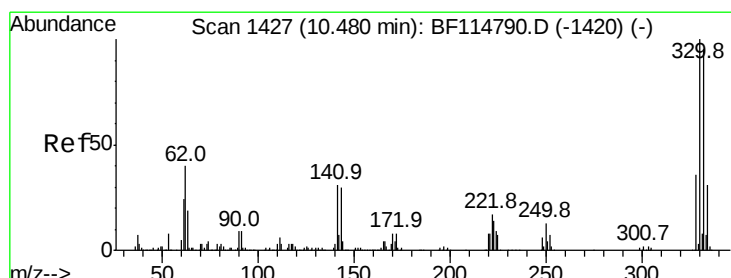
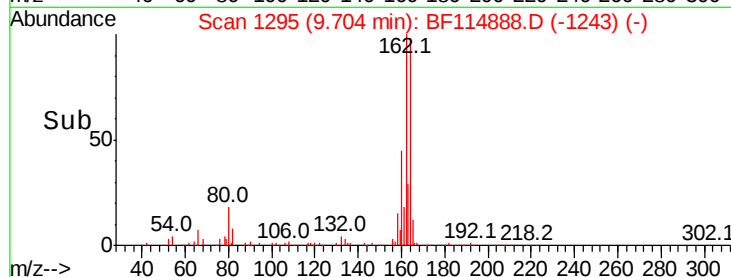
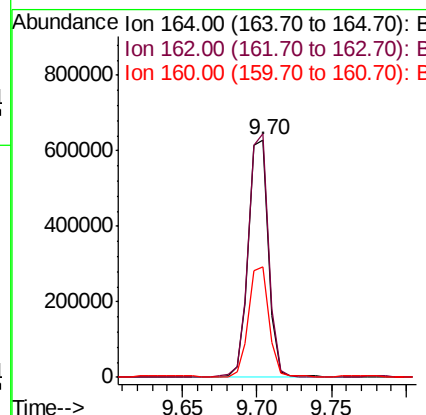
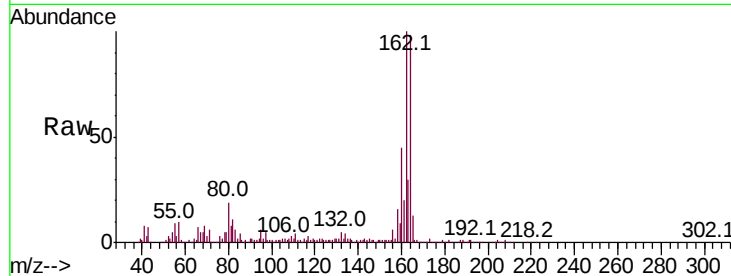




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.01 min
 Lab File: BF114888.D
 Acq: 7 Jun 2019 2:54

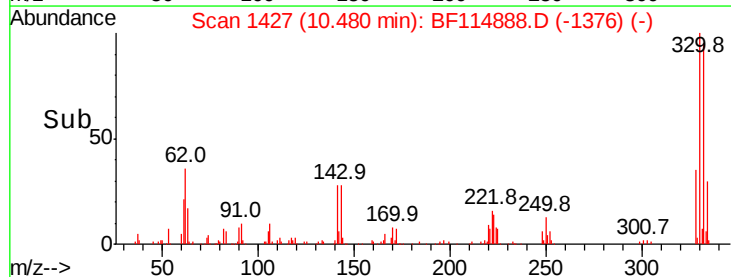
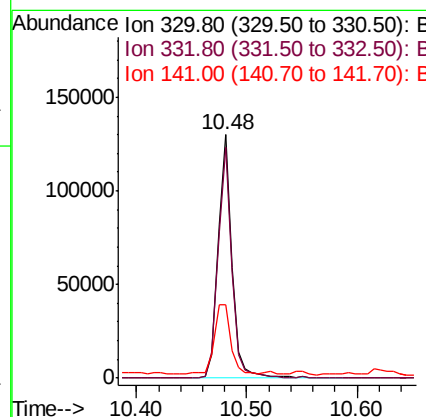
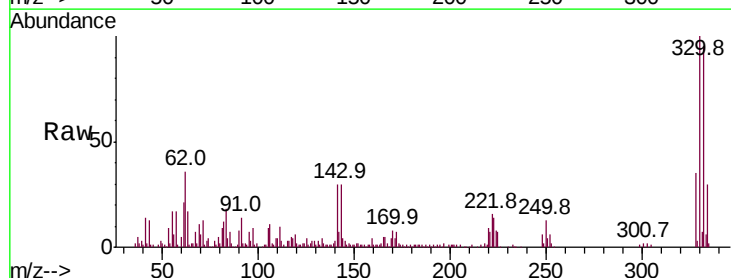
Instrument :
 BNA_F
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 HR-05-060519-A

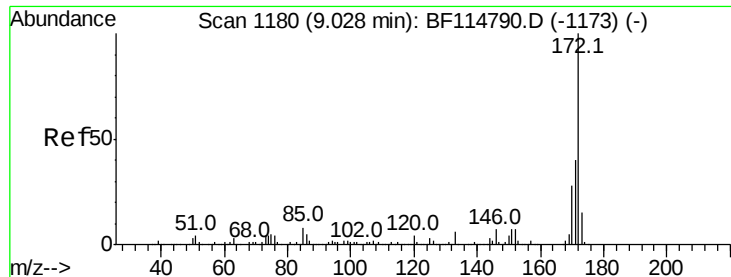
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.3	123.5
160	46.6	36.7	55.1



#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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.3	115.9
141	34.3	26.2	39.4





#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

Instrument :

BNA_F

ClientSampleId :

HR-05-060519-A

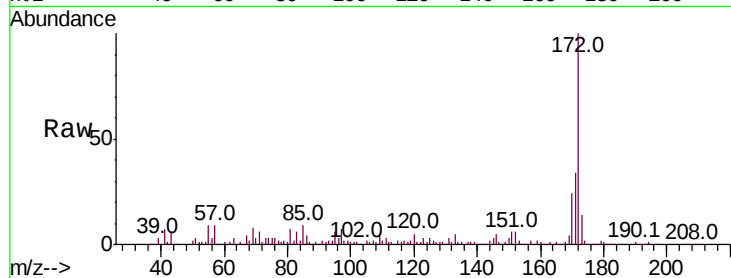
Tot Ion:172 Resp: 633054

Ion Ratio Lower Upper

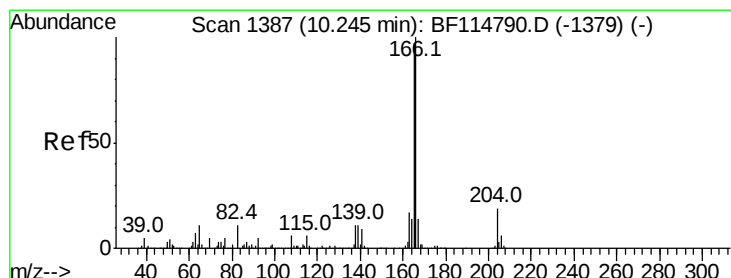
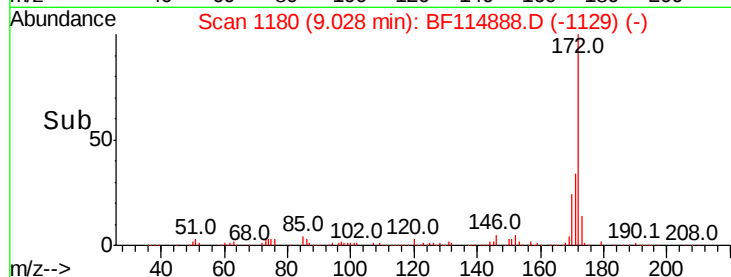
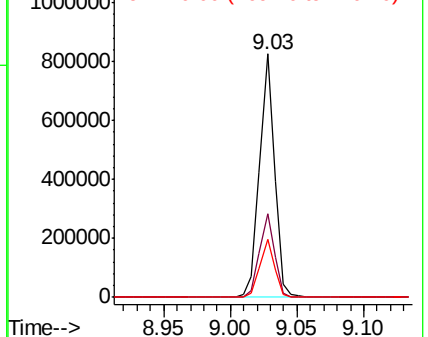
172 100

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



#58

Fluorene

Concen: Below Cal

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF114888.D

Acq: 7 Jun 2019 2:54

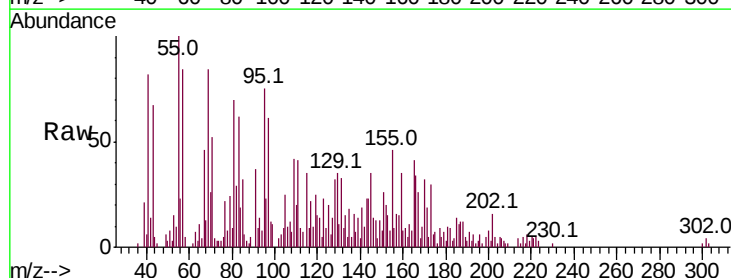
Tgt Ion:166 Resp: 8017

Ion Ratio Lower Upper

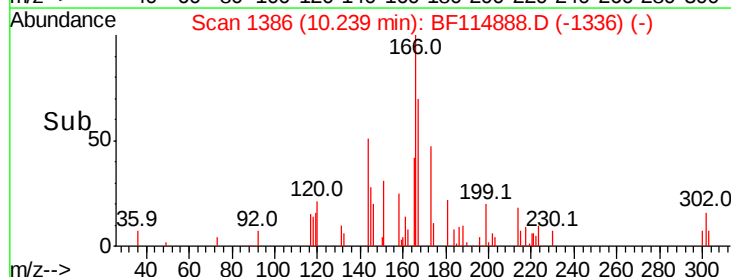
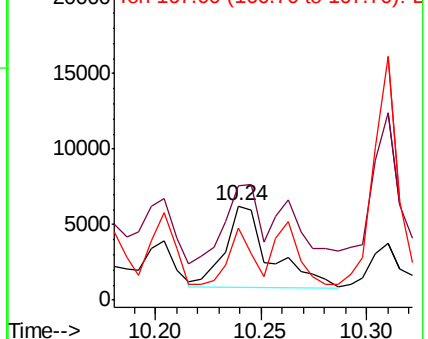
166 100

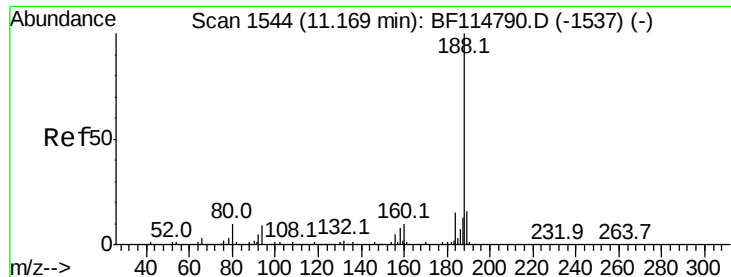
165 120.8 77.9 116.9#

167 75.9 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): 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 :

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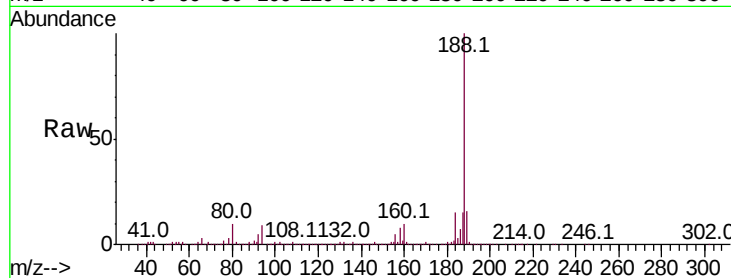
Tot Ion:188 Resp: 962703

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

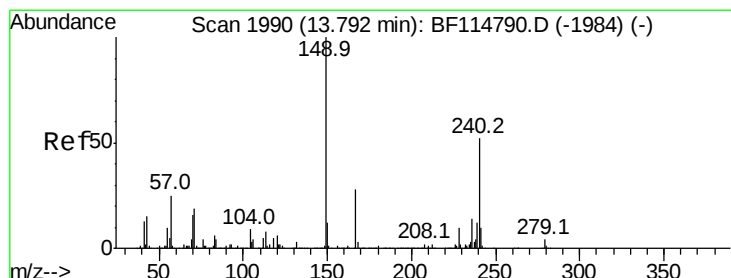
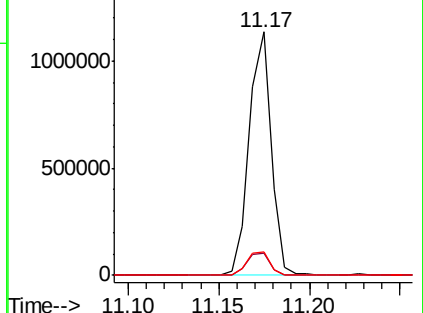
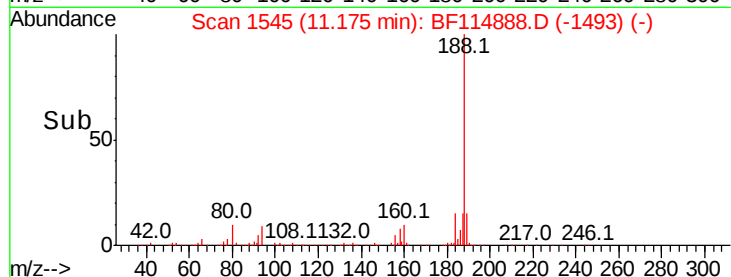
80 9.7 8.3 12.5



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

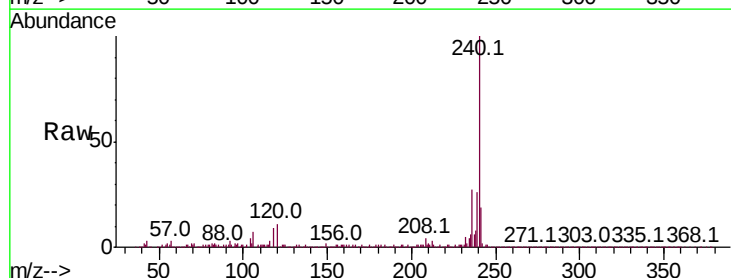
Tgt Ion:240 Resp: 687984

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.4

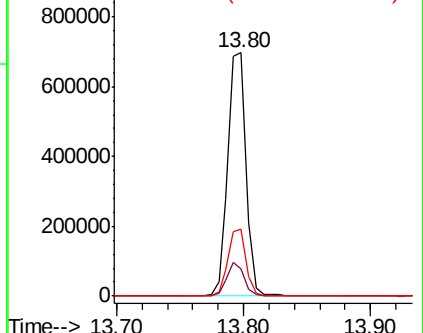
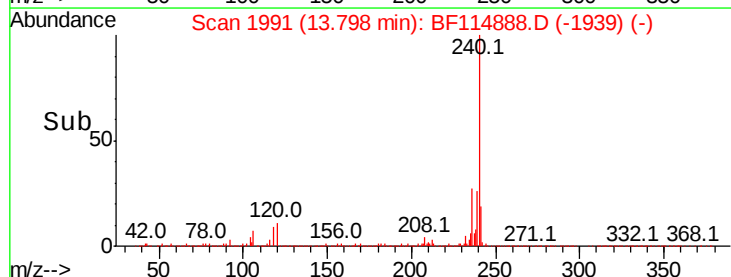
236 27.3 21.4 32.0

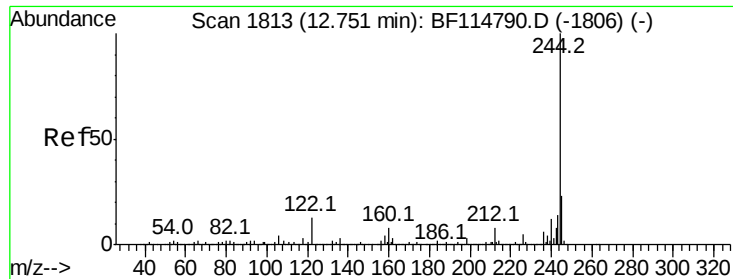


Abundance Ion 240.00 (239.70 to 240.70): E

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

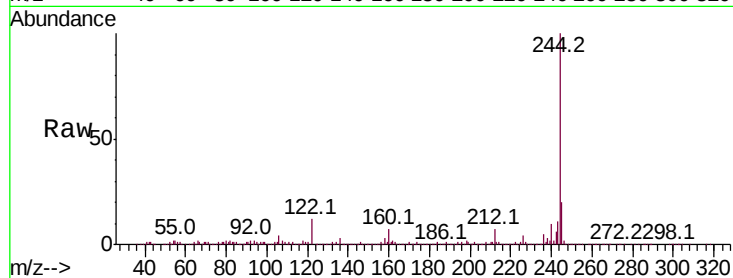
Tot Ion:244 Resp: 522574

Ion Ratio Lower Upper

244 100

212 6.6 6.5 9.7

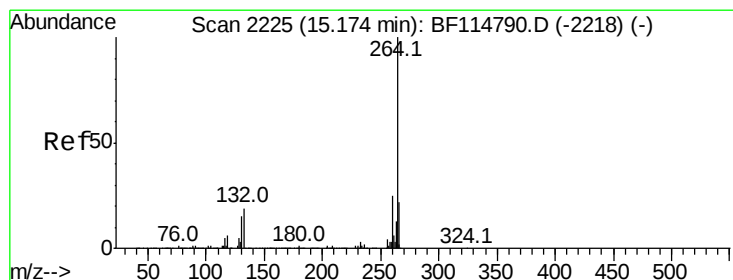
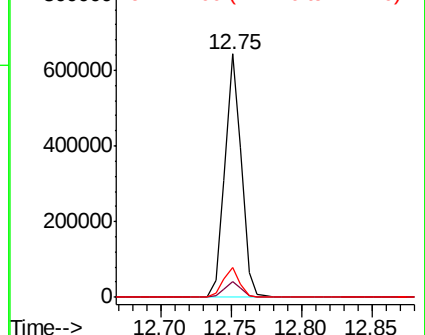
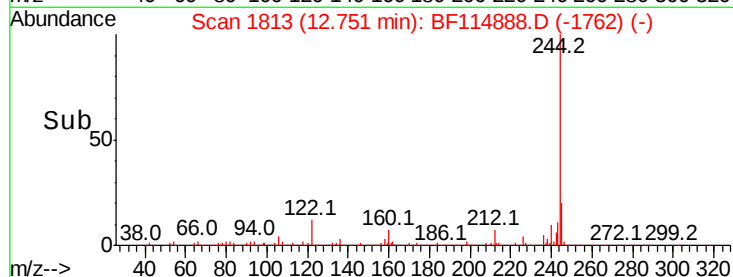
122 12.3 10.5 15.7



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

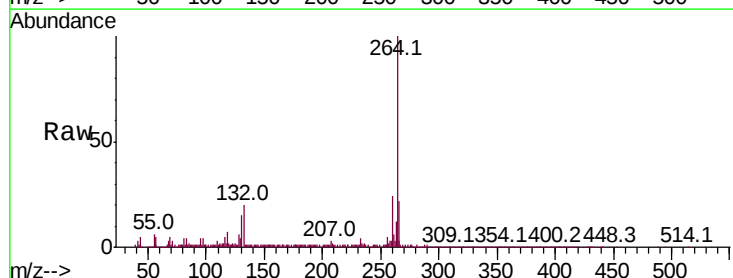
Tgt Ion:264 Resp: 520762

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

