

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114884.D
 Acq On : 7 Jun 2019 1:08
 Operator : HP/JU
 Sample : K3153-03 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jun 07 04:00:45 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

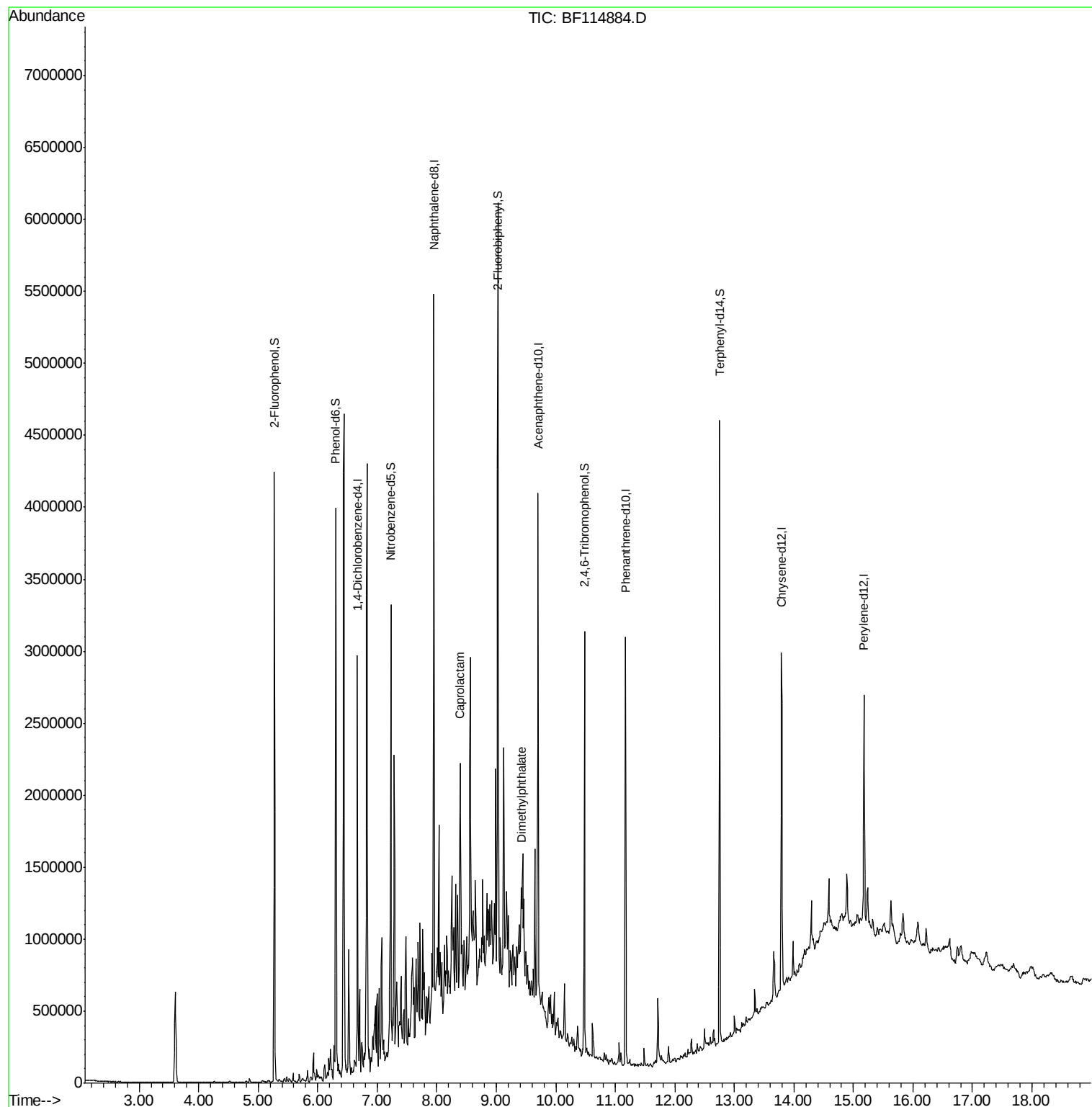
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	395674	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1355405	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	653162	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1140667	20.00	ng	0.00
76) Chrysene-d12	13.79	240	784522	20.00	ng	0.00
87) Perylene-d12	15.18	264	693977	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1251259	55.26	ng	0.01
7) Phenol-d6	6.30	99	1506152	54.66	ng	0.00
23) Nitrobenzene-d5	7.23	82	873206	39.66	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	353908	50.28	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1632456	46.82	ng	0.00
79) Terphenyl-d14	12.75	244	1472513	36.50	ng	0.00
Target Compounds						
35) Caprolactam	8.39	113	33833	5.243	ng	# 1
50) Dimethylphthalate	9.42	163	213900	4.484	ng	# 97
58) Fluorene	10.24	166	3525	Below Cal		# 56

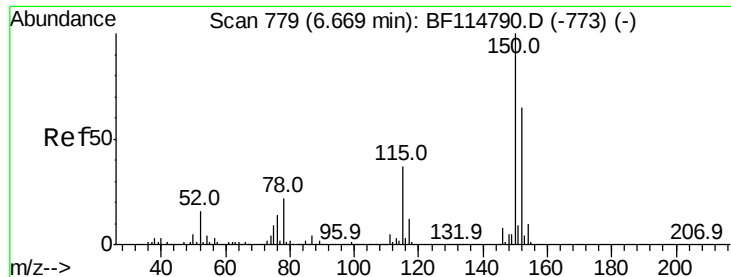
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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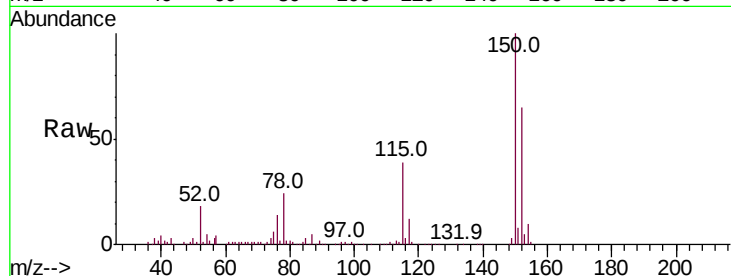


#1

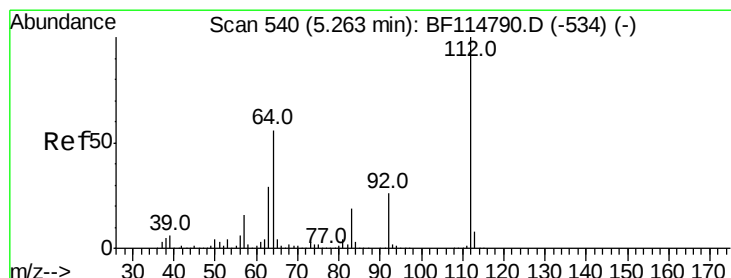
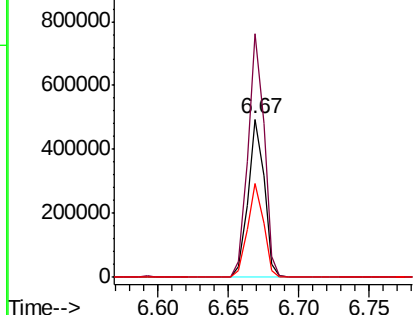
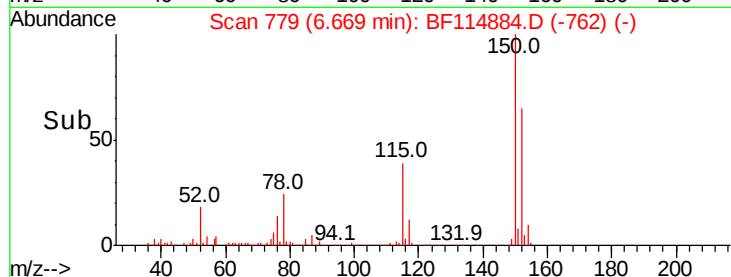
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF114884.D
 Acq: 7 Jun 2019 1:08

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

Tot Ion:152 Resp: 395674
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.0 186.0
 115 59.7 46.3 69.5



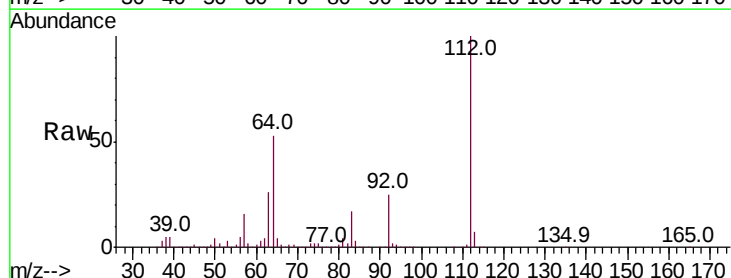
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



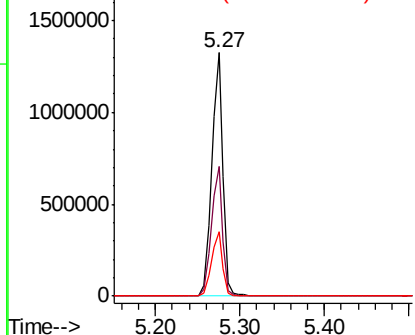
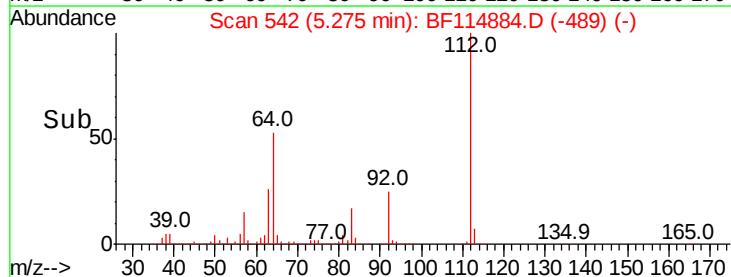
#5

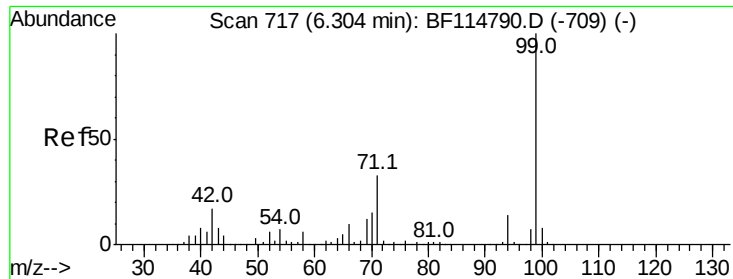
2-Fluorophenol
 Concen: 55.257 ng
 RT: 5.27 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: BF114884.D
 Acq: 7 Jun 2019 1:08

Tgt Ion:112 Resp: 1251259
 Ion Ratio Lower Upper
 112 100
 64 53.1 44.6 66.8
 63 26.4 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: 54.663 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114884.D

Acq: 7 Jun 2019 1:08

Instrument :

BNA_F

ClientSampleId :

HR-05-060519-B

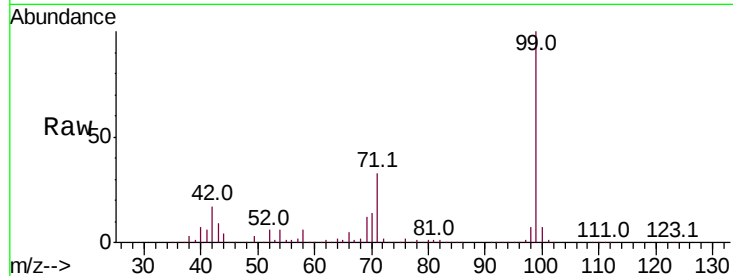
Tot Ion: 99 Resp: 1506152

Ion Ratio Lower Upper

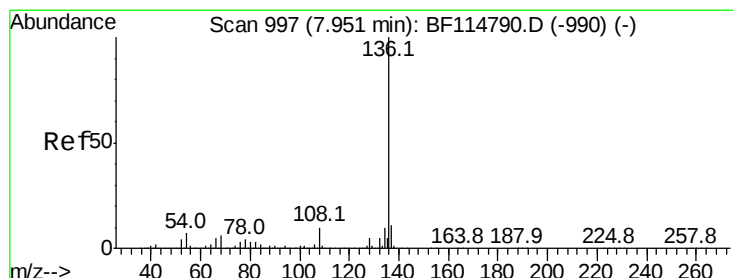
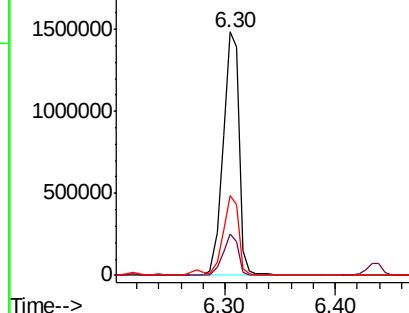
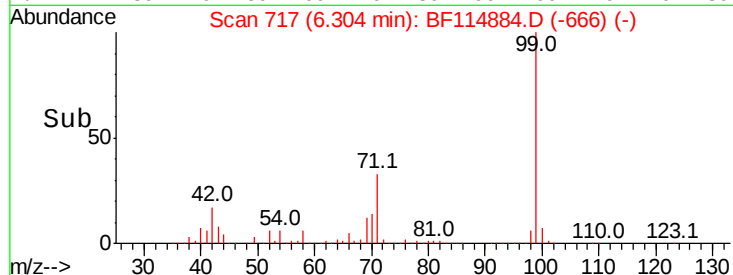
99 100

42 16.9 13.3 19.9

71 32.9 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
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: BF114884.D

Acq: 7 Jun 2019 1:08

Tgt Ion: 136 Resp: 1355405

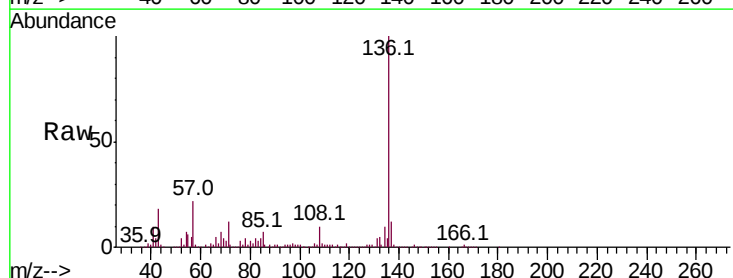
Ion Ratio Lower Upper

136 100

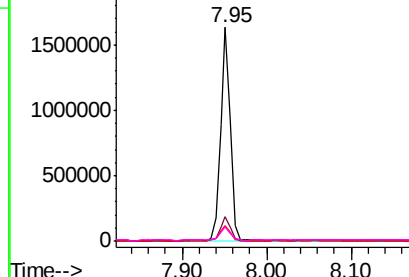
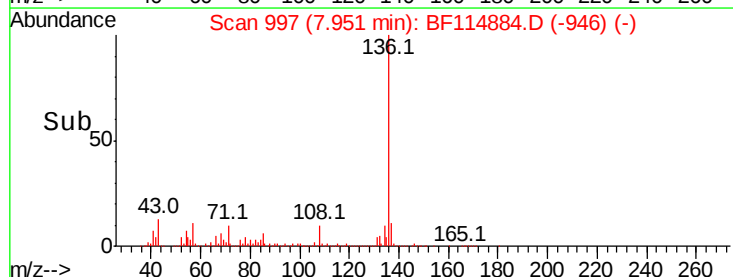
137 11.6 9.1 13.7

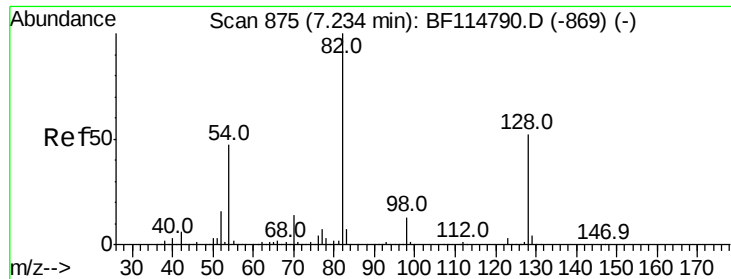
54 7.4 5.4 8.0

68 6.5 4.6 6.8



Abundance Ion 136.00 (135.70 to 136.70): E
2500000
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: 39.658 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF114884.D

Acq: 7 Jun 2019 1:08

Instrument :

BNA_F

ClientSampleId :

HR-05-060519-B

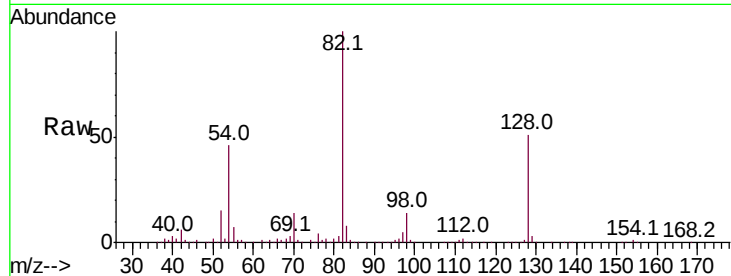
Tot Ion: 82 Resp: 873206

Ion Ratio Lower Upper

82 100

128 50.6 41.8 62.6

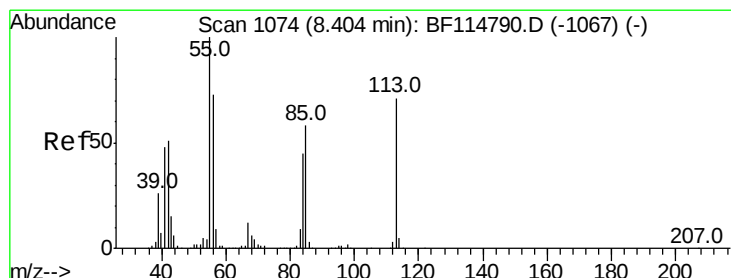
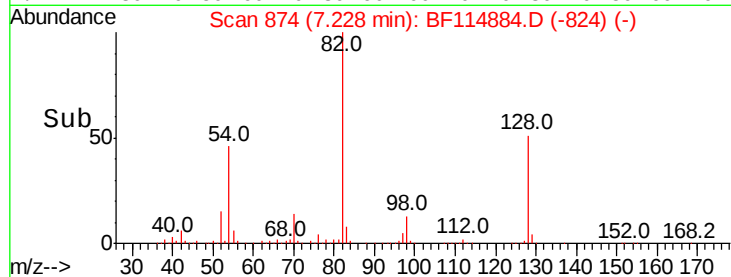
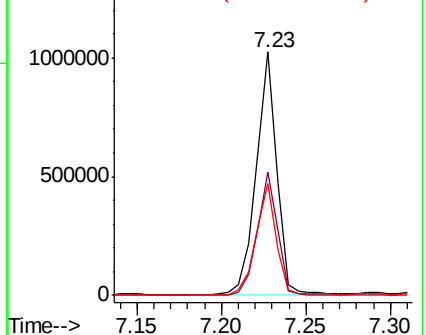
54 45.8 37.9 56.9



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



#35

Caprolactam

Concen: 5.243 ng

RT: 8.39 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF114884.D

Acq: 7 Jun 2019 1:08

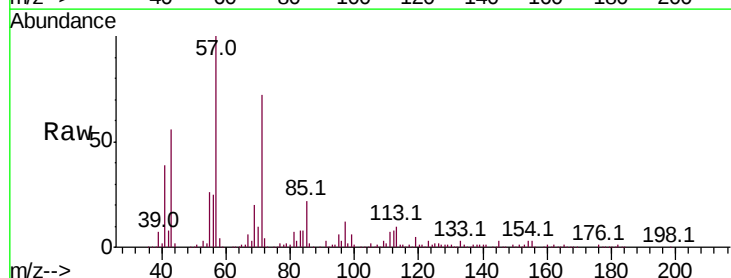
Tgt Ion: 113 Resp: 33833

Ion Ratio Lower Upper

113 100

55 268.9 121.1 161.1#

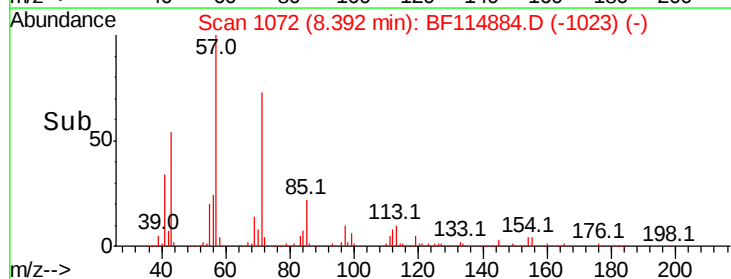
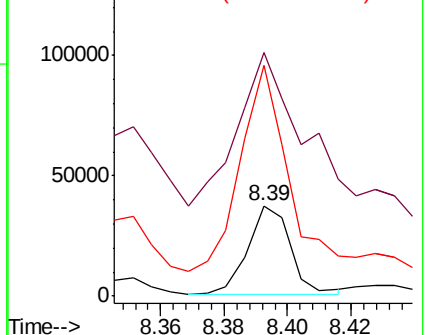
56 254.8 82.6 122.6#

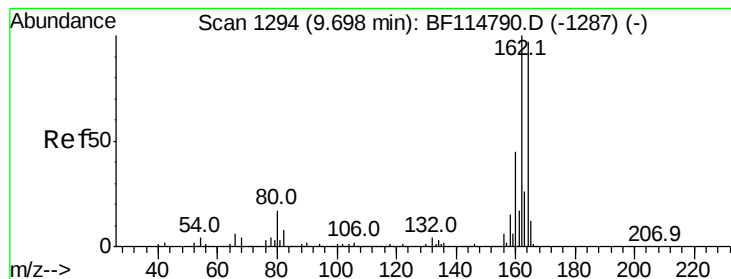


Abundance Ion 113.00 (112.70 to 113.70): BF1

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF114884.D

Acq: 7 Jun 2019 1:08

Instrument :

BNA_F

ClientSampleId :

HR-05-060519-B

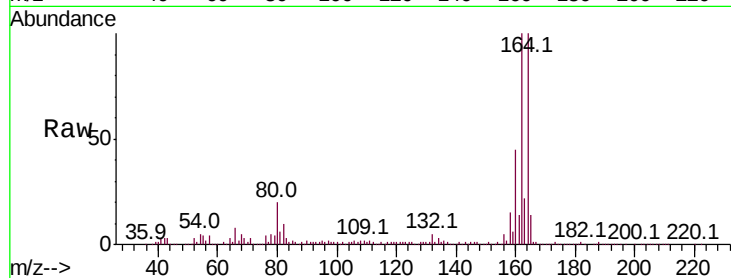
Tot Ion:164 Resp: 653162

Ion Ratio Lower Upper

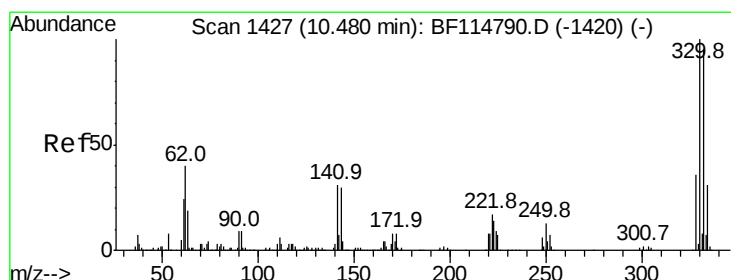
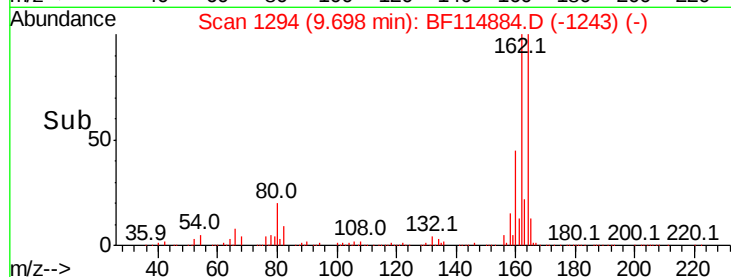
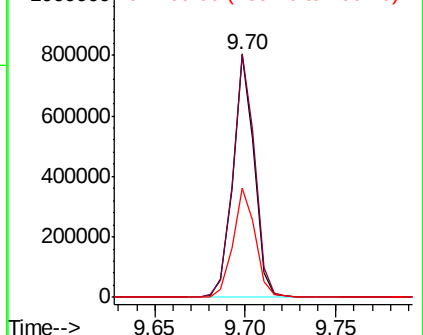
164 100

162 100.4 82.3 123.5

160 45.2 36.7 55.1



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: 50.279 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF114884.D

Acq: 7 Jun 2019 1:08

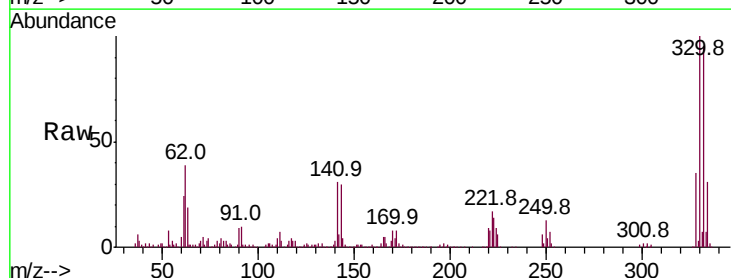
Tgt Ion:330 Resp: 353908

Ion Ratio Lower Upper

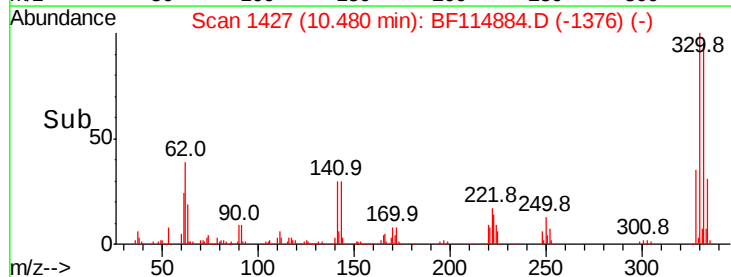
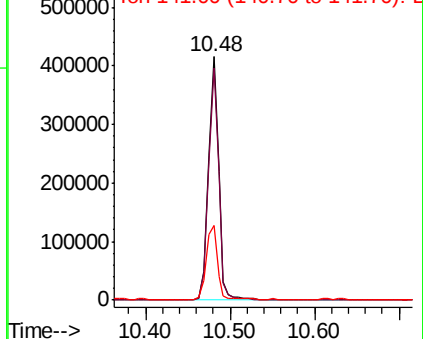
330 100

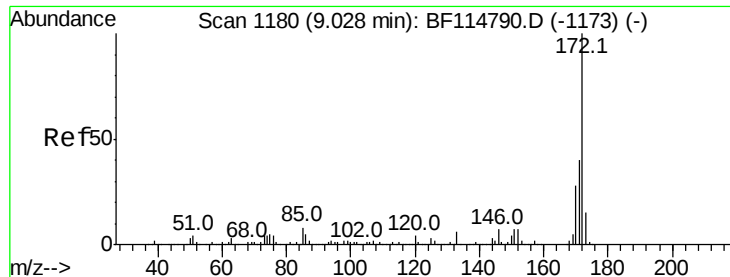
332 95.5 77.3 115.9

141 32.7 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



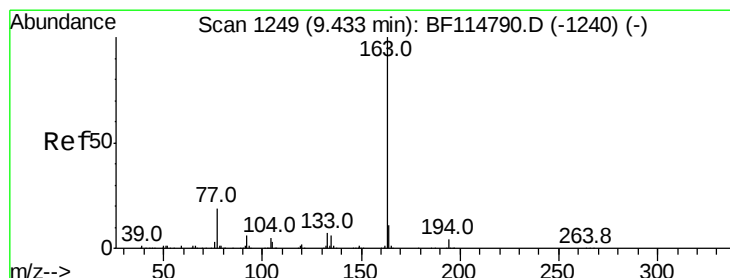
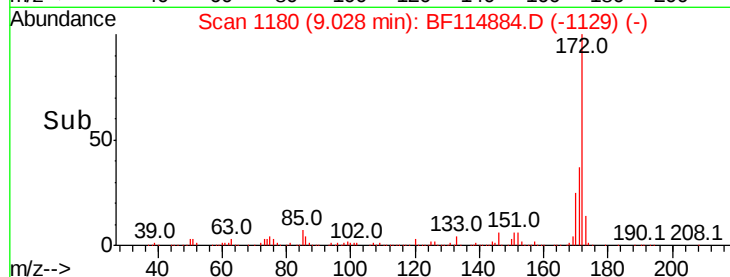
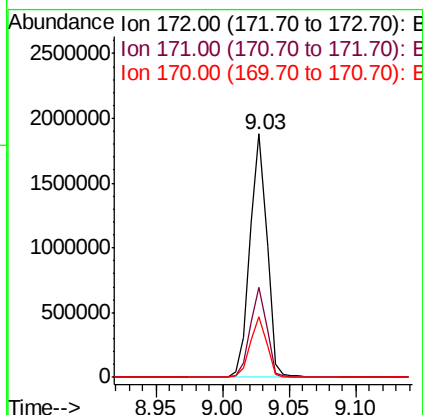
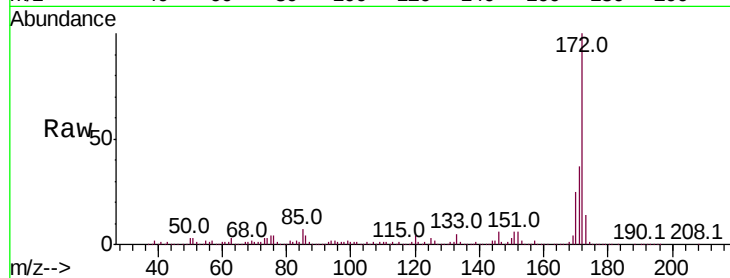


#45
 2-Fluorobiphenyl
 Concen: 46.819 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF114884.D
 Acq: 7 Jun 2019 1:08

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

Tot Ion:172 Resp: 1632456

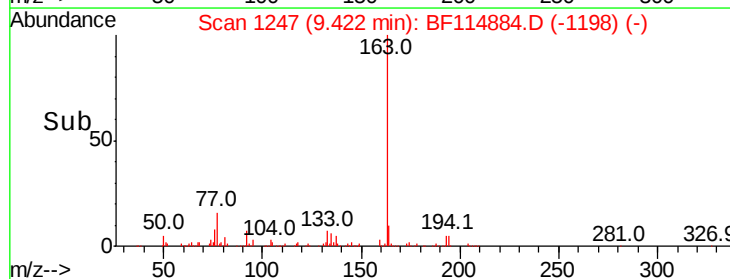
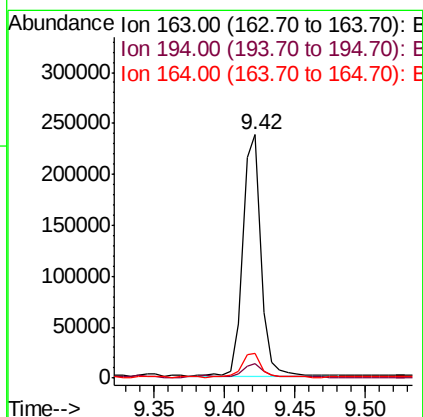
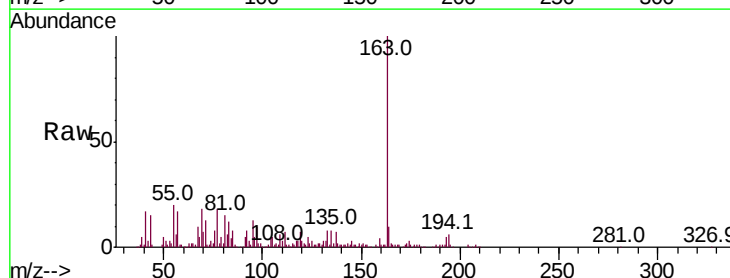
Ion	Ratio	Lower	Upper
172	100		
171	37.0	32.3	48.5
170	24.8	22.4	33.6

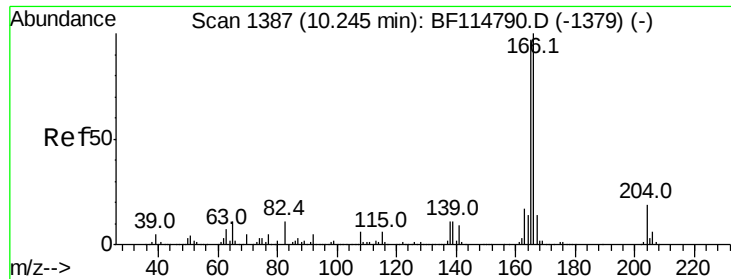


#50
 Dimethylphthalate
 Concen: 4.484 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF114884.D
 Acq: 7 Jun 2019 1:08

Tgt Ion:163 Resp: 213900

Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.4	5.2#
164	10.1	8.6	13.0





#58

Fluorene

Concen: Below Cal

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF114884.D

Acq: 7 Jun 2019 1:08

Instrument :

BNA_F

ClientSampleId :

HR-05-060519-B

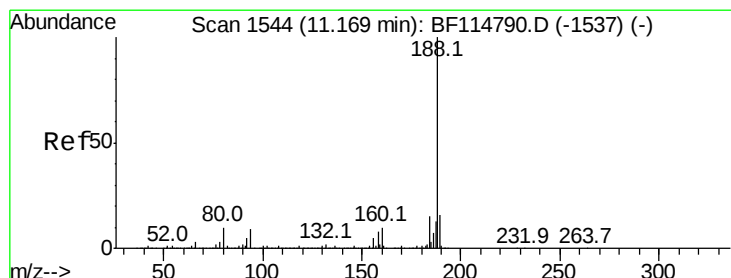
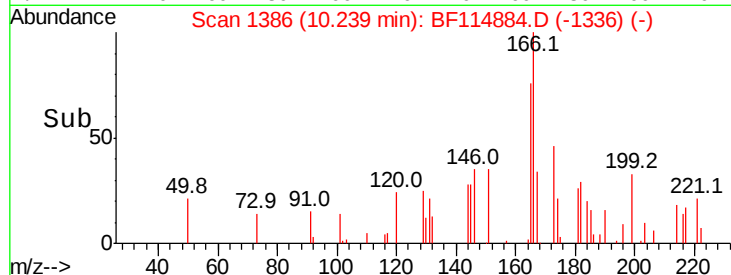
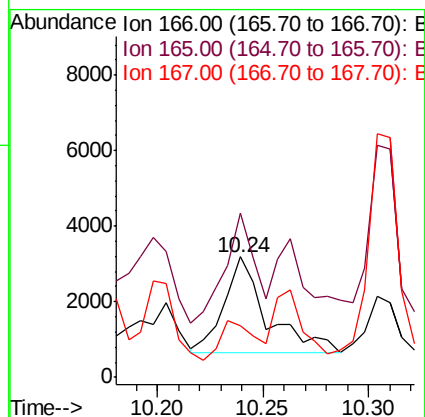
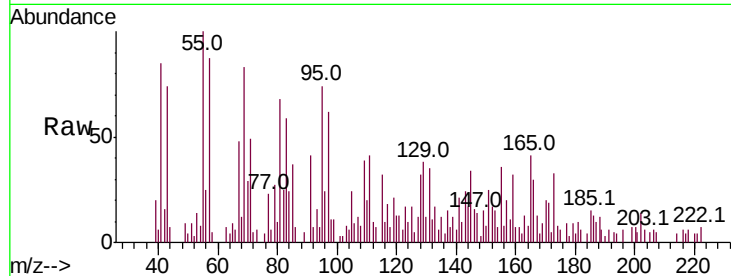
Tot Ion:166 Resp: 3525

Ion Ratio Lower Upper

166 100

165 136.6 77.9 116.9#

167 42.4 11.3 16.9#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF114884.D

Acq: 7 Jun 2019 1:08

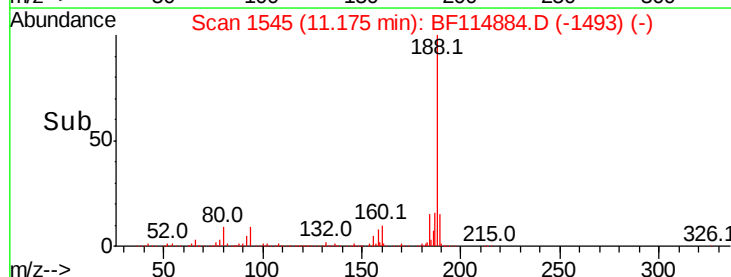
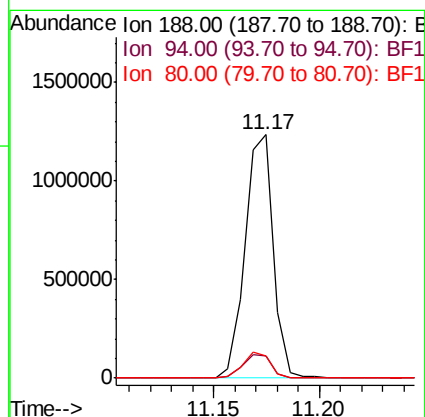
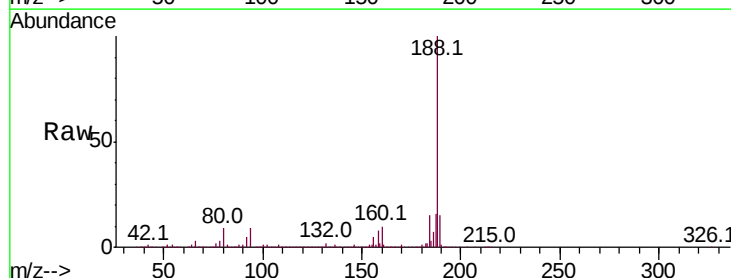
Tgt Ion:188 Resp: 1140667

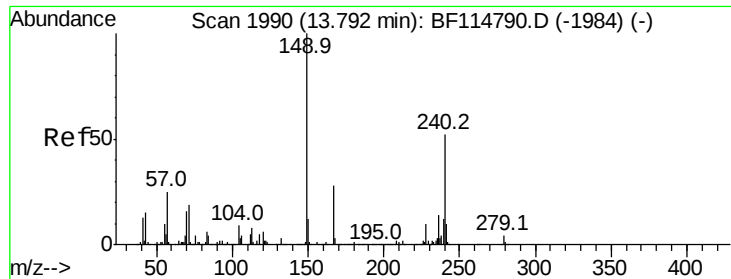
Ion Ratio Lower Upper

188 100

94 8.9 7.6 11.4

80 9.1 8.3 12.5

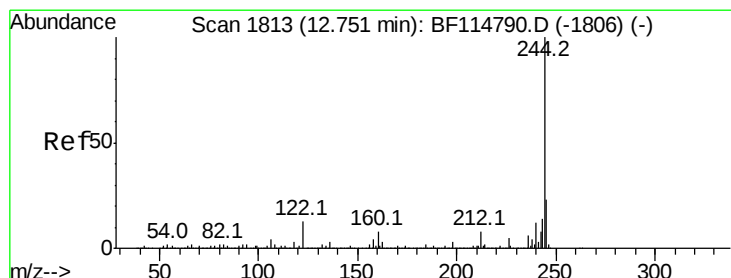
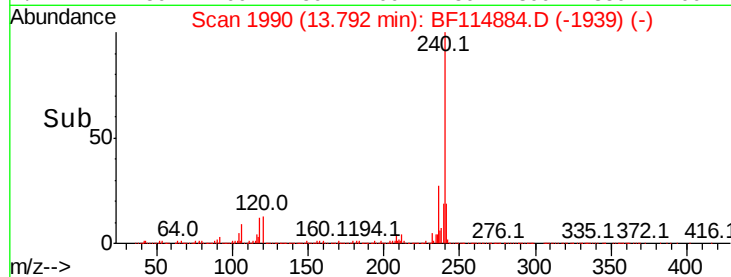
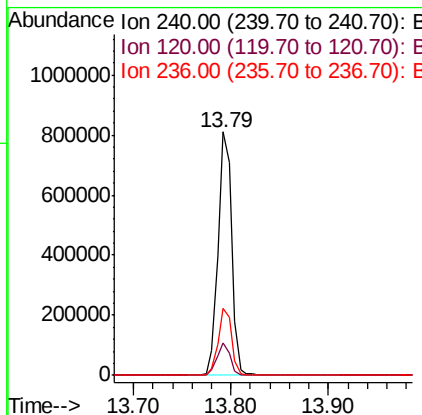
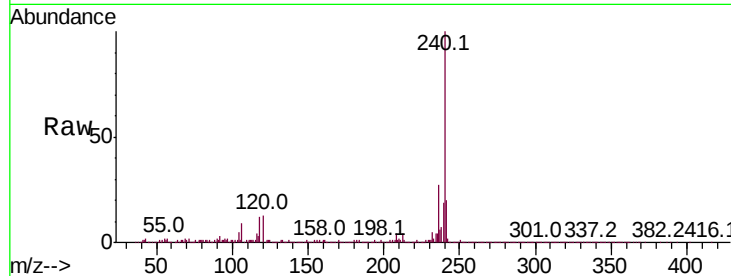




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.79 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BF114884.D
Acq: 7 Jun 2019 1:08

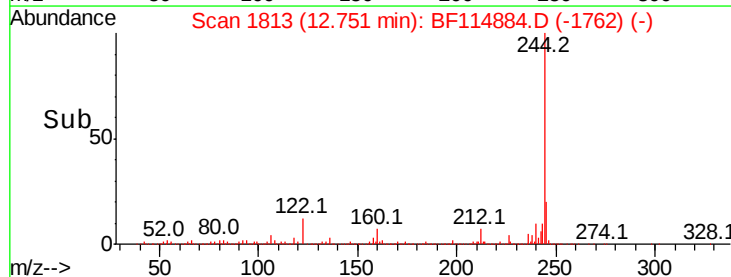
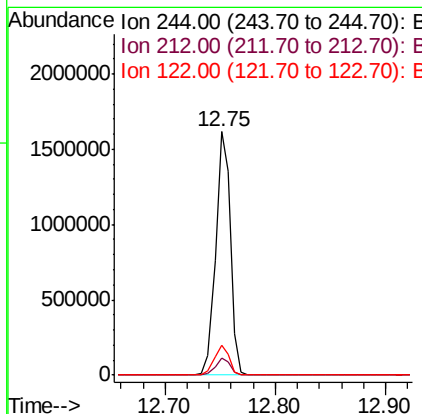
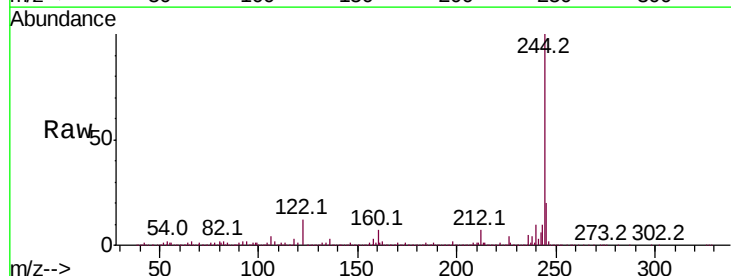
Instrument :
BNA_F
ClientSampleId :
HR-05-060519-B

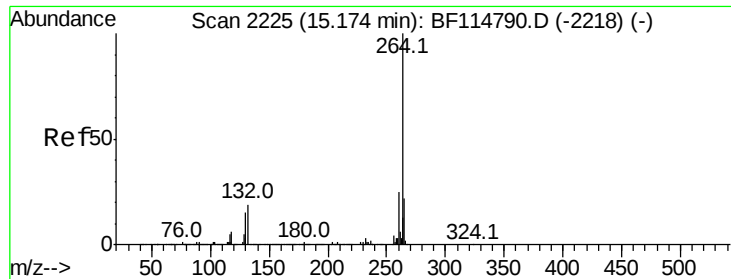
Tot Ion:240 Resp: 784522
Ion Ratio Lower Upper
240 100
120 13.5 9.0 13.4#
236 27.4 21.4 32.0



#79
Terphenyl-d14
Concen: 36.502 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF114884.D
Acq: 7 Jun 2019 1:08

Tgt Ion:244 Resp: 1472513
Ion Ratio Lower Upper
244 100
212 6.8 6.5 9.7
122 12.4 10.5 15.7





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF114884.D
 Acq: 7 Jun 2019 1:08

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.1	17.7	26.5

