

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114885.D
 Acq On : 7 Jun 2019 1:34
 Operator : HP/JU
 Sample : K3153-05 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 07 04:24:01 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

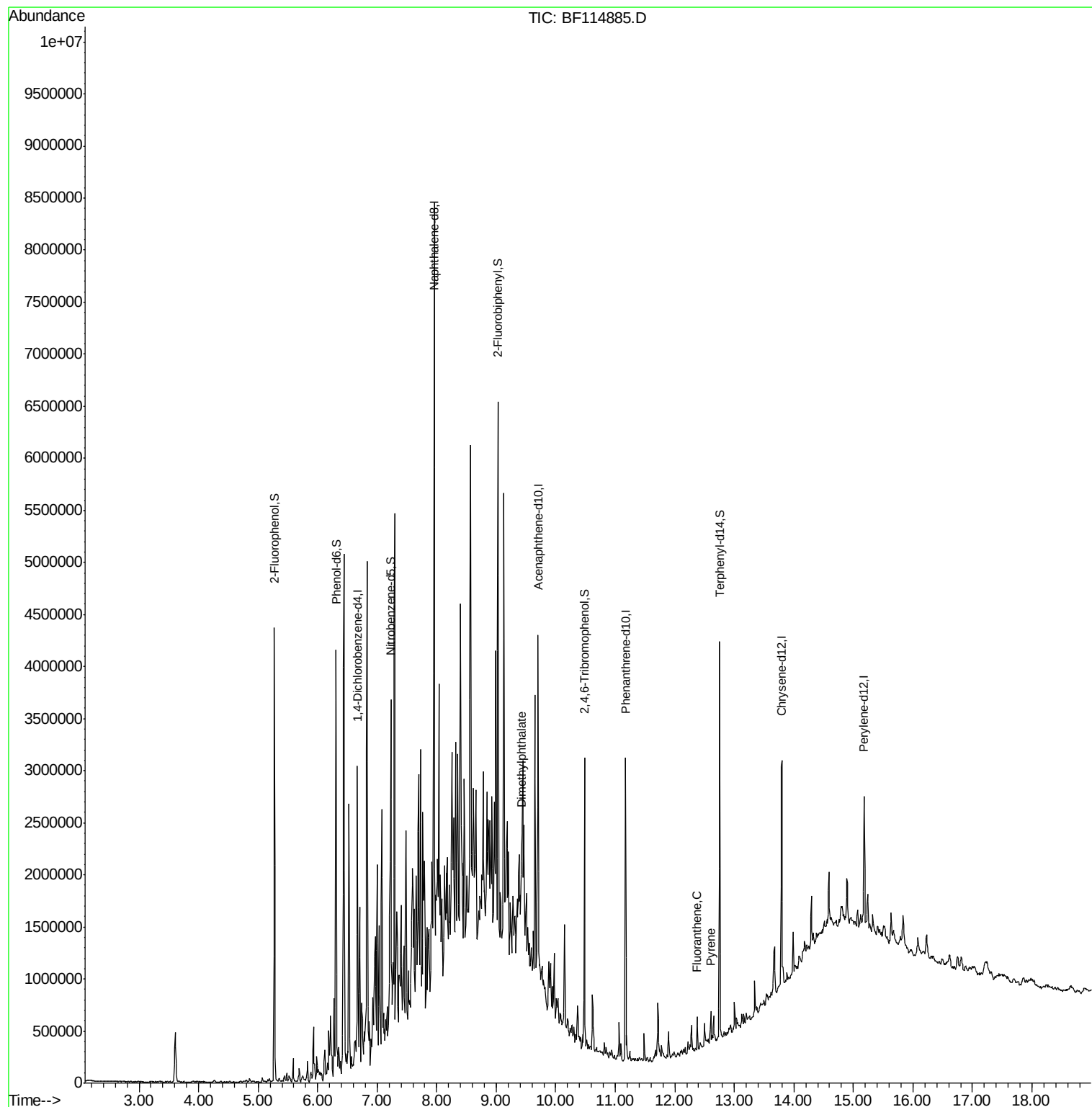
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	411225	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1273400	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	645144	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1089516	20.00	ng	0.00
76) Chrysene-d12	13.80	240	725658	20.00	ng	0.00
87) Perylene-d12	15.18	264	569469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1246674	52.97	ng	0.01
7) Phenol-d6	6.31	99	1499985	52.38	ng	0.00
23) Nitrobenzene-d5	7.23	82	883479	42.71	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	311989	44.87	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1614920	46.89	ng	0.00
79) Terphenyl-d14	12.75	244	1347401	36.11	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	226705	4.811	ng	Qvalue # 97
75) Fluoranthene	12.37	202	124487	2.300	ng	97
78) Pyrene	12.60	202	135478	2.152	ng	93

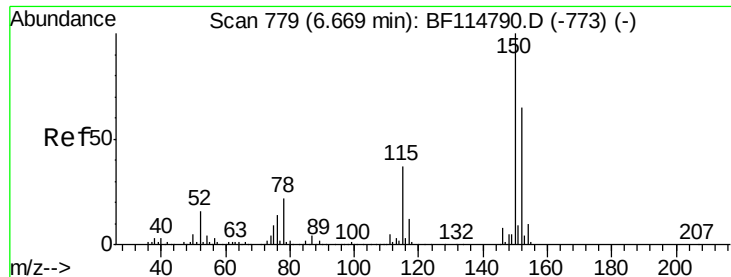
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114885.D
Acq On : 7 Jun 2019 1:34
Operator : HP/JU
Sample : K3153-05 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jun 07 04:24:01 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



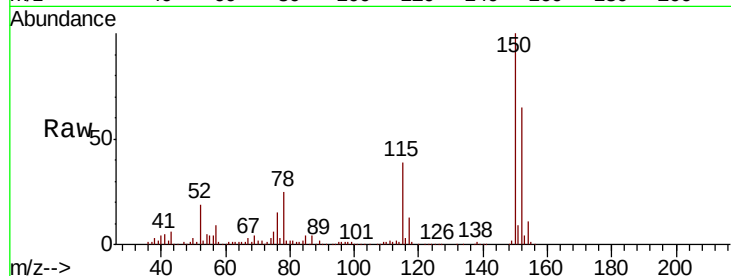


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114885.D
Acq: 7 Jun 2019 1:34

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.0	186.0
115	59.8	46.3	69.5

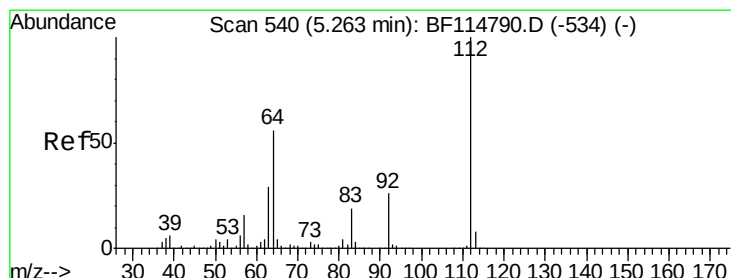
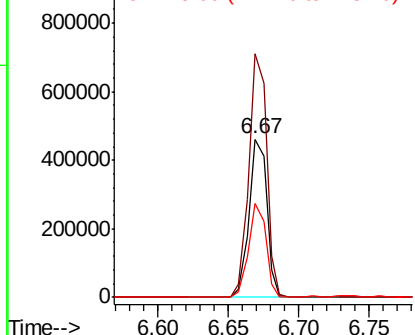
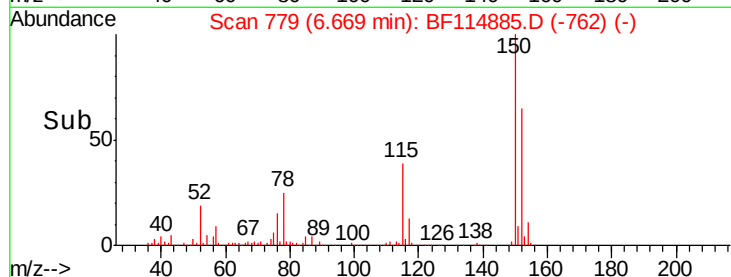


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

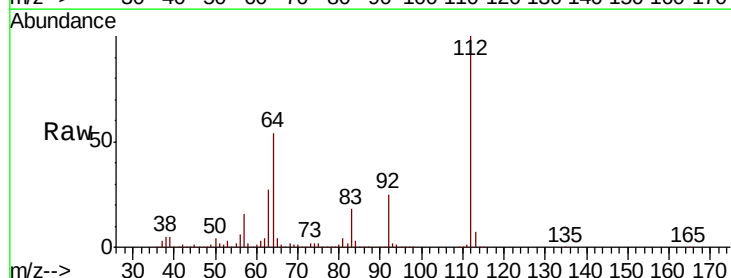
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 52.973 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114885.D
Acq: 7 Jun 2019 1:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	44.6	66.8
63	27.1	23.0	34.4

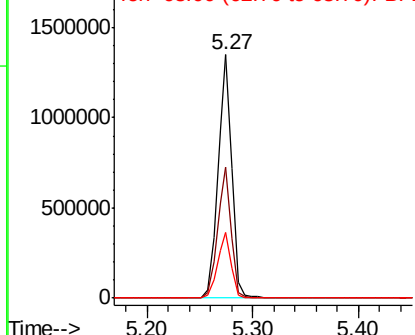
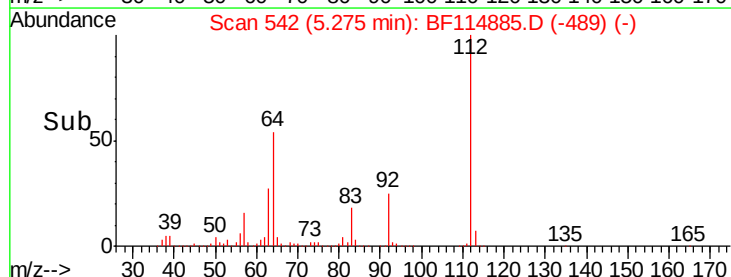


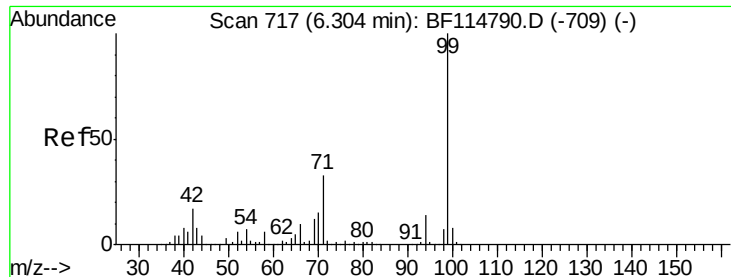
Abundance

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: 52.380 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BF114885.D

Acq: 7 Jun 2019 1:34

Instrument :

BNA_F

ClientSampleId :

HR-05-060519-C

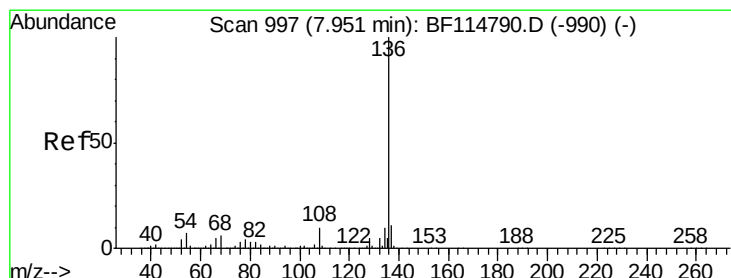
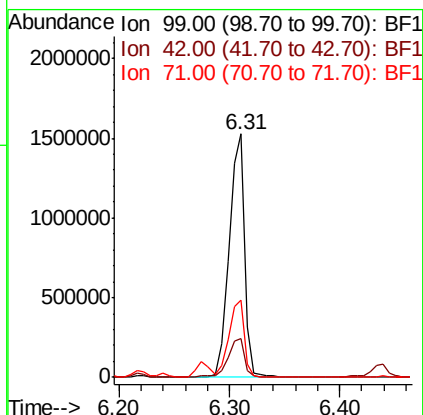
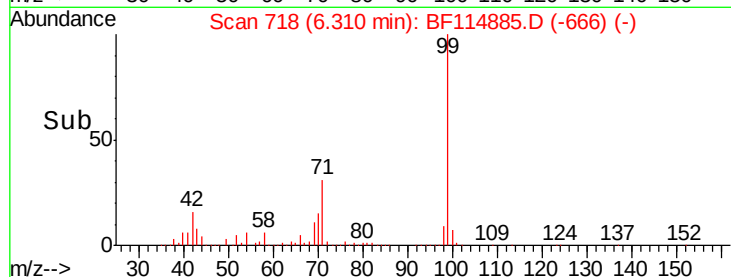
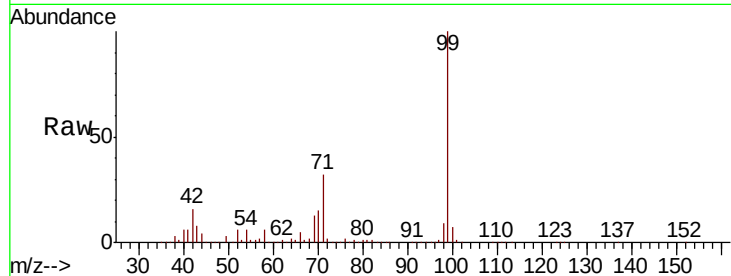
Tot Ion: 99 Resp: 1499985

Ion Ratio Lower Upper

99 100

42 15.8 13.3 19.9

71 31.5 26.3 39.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.00 min

Lab File: BF114885.D

Acq: 7 Jun 2019 1:34

Tgt Ion: 136 Resp: 1273400

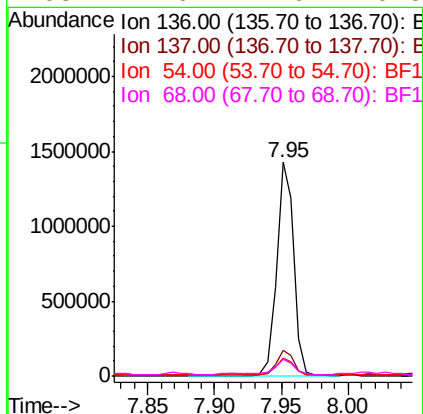
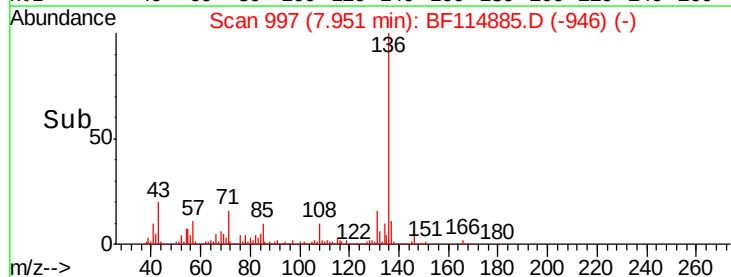
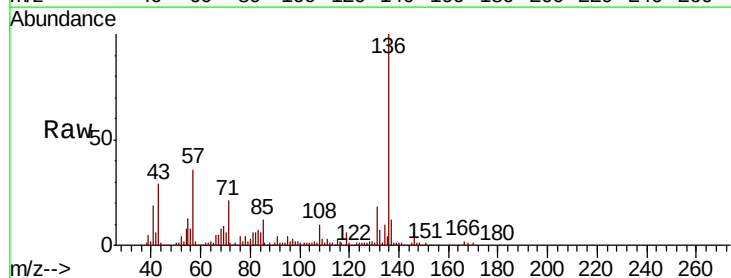
Ion Ratio Lower Upper

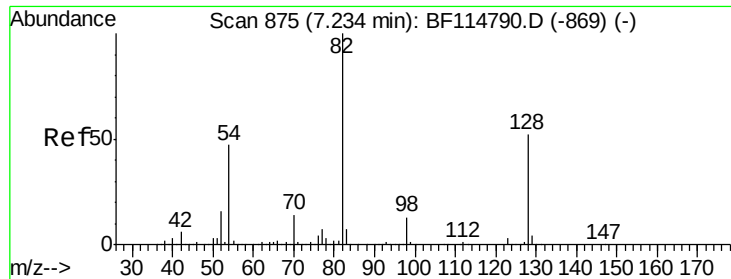
136 100

137 12.1 9.1 13.7

54 8.3 5.4 8.0#

68 7.6 4.6 6.8#

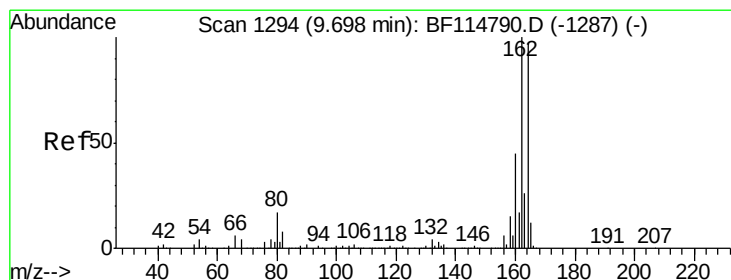
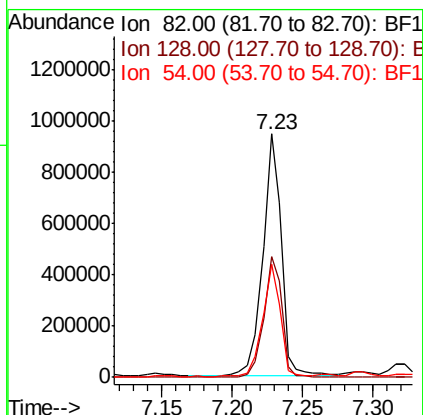
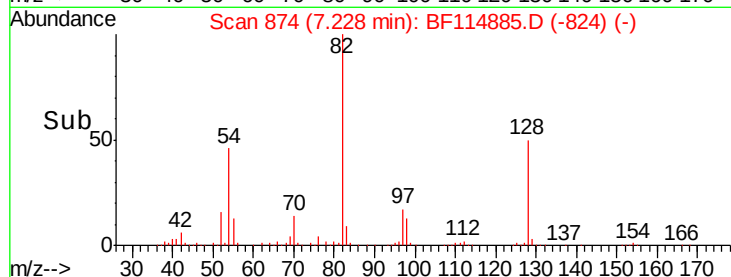
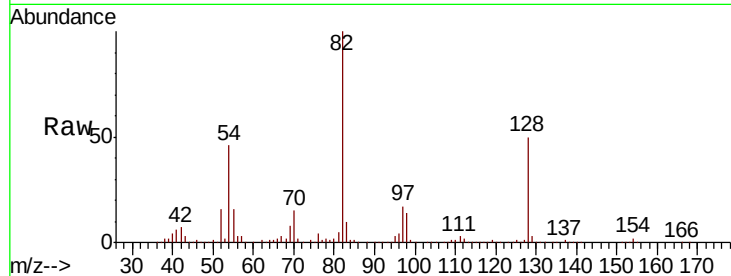




#23
Nitrobenzene-d5
Concen: 42.709 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114885.D
Acq: 7 Jun 2019 1:34

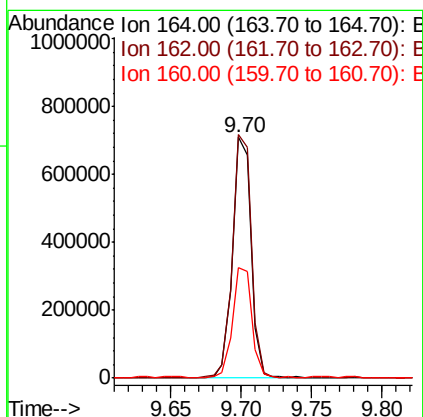
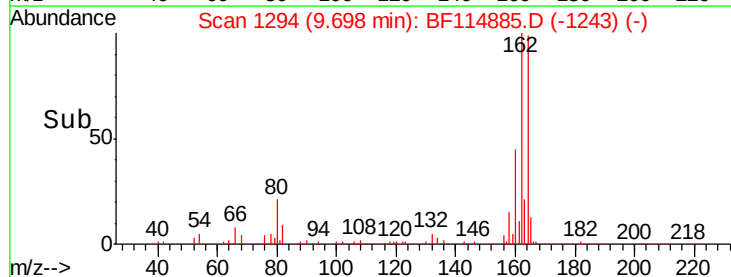
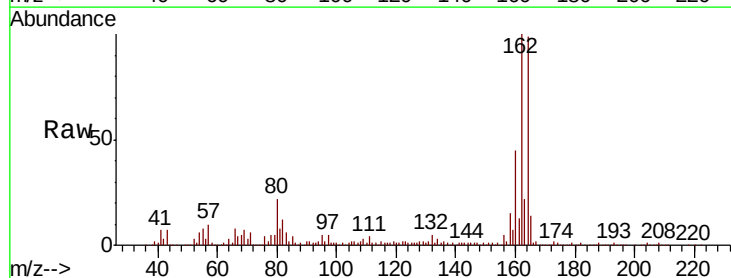
Instrument :
BNA_F
ClientSampleId :
HR-05-060519-C

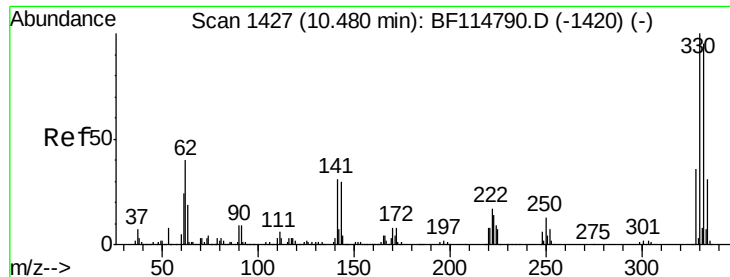
Tot Ion: 82 Resp: 883479
Ion Ratio Lower Upper
82 100
128 49.5 41.8 62.6
54 46.4 37.9 56.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF114885.D
Acq: 7 Jun 2019 1:34

Tgt Ion:164 Resp: 645144
Ion Ratio Lower Upper
164 100
162 101.1 82.3 123.5
160 45.8 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 44.875 ng

RT: 10.48 min Scan# 1427

Delta R.T. 0.00 min

Lab File: BF114885.D

Acq: 7 Jun 2019 1:34

Instrument :

BNA_F

ClientSampleId :

HR-05-060519-C

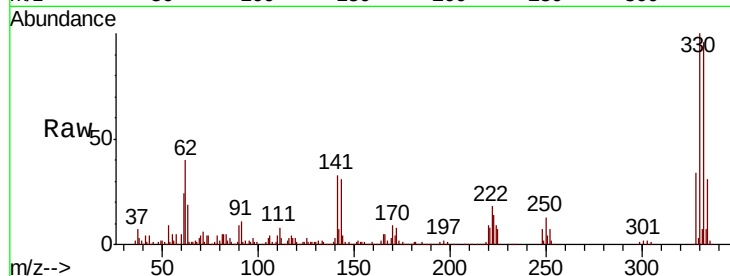
Tot Ion:330 Resp: 311989

Ion Ratio Lower Upper

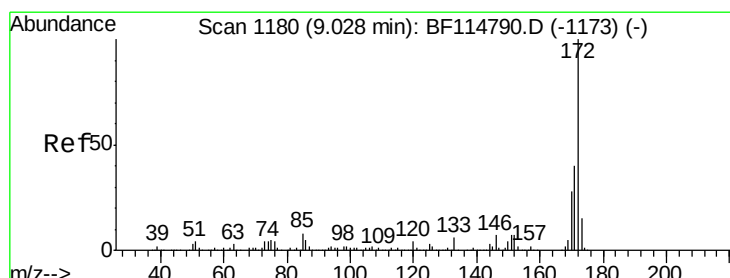
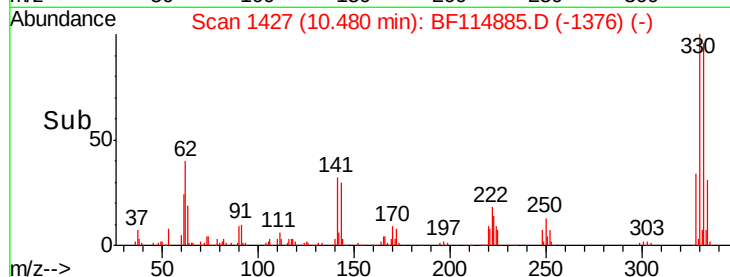
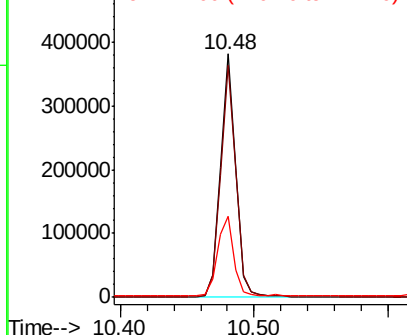
330 100

332 97.0 77.3 115.9

141 34.7 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: 46.892 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF114885.D

Acq: 7 Jun 2019 1:34

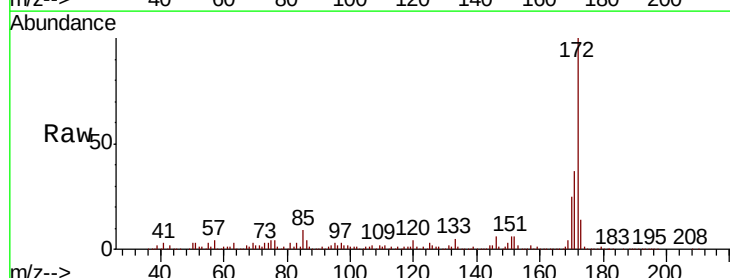
Tgt Ion:172 Resp: 1614920

Ion Ratio Lower Upper

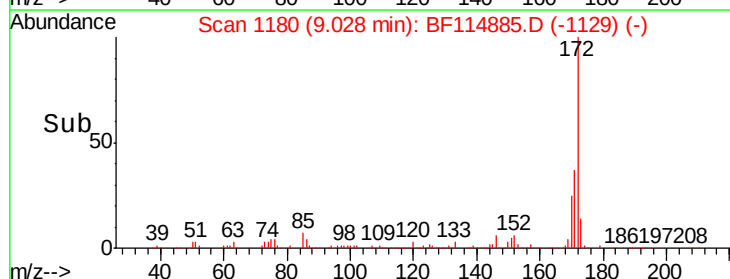
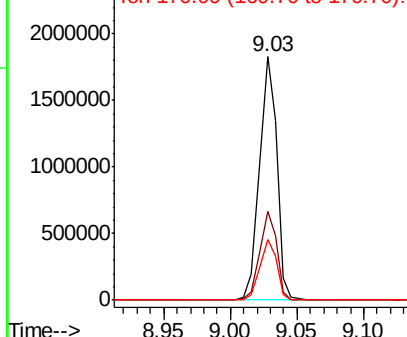
172 100

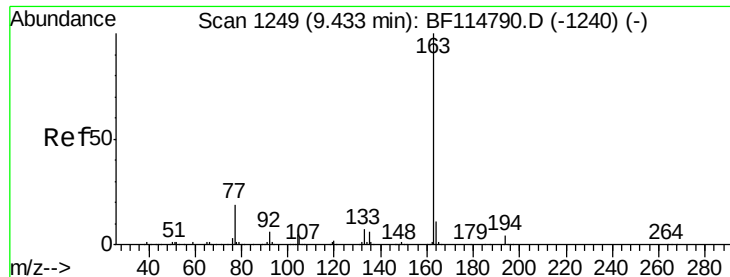
171 36.5 32.3 48.5

170 24.7 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

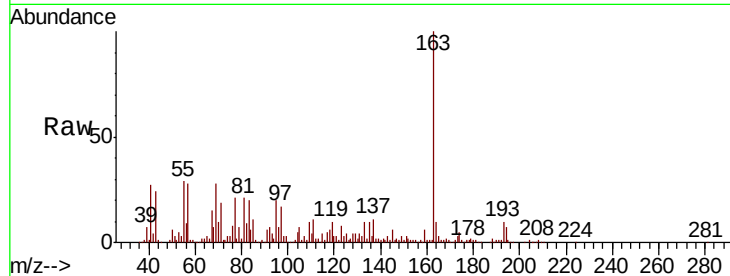




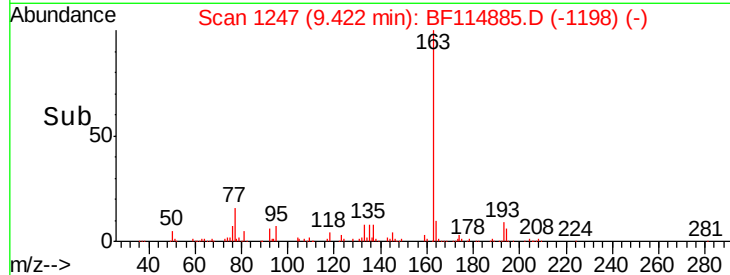
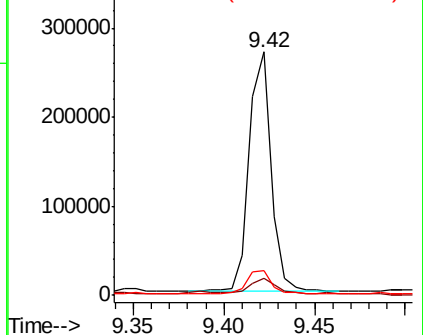
#50
Dimethylphthalate
Concen: 4.811 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF114885.D
Acq: 7 Jun 2019 1:34

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

Tot Ion:163 Resp: 226705
Ion Ratio Lower Upper
163 100
194 7.1 3.4 5.2#
164 10.4 8.6 13.0

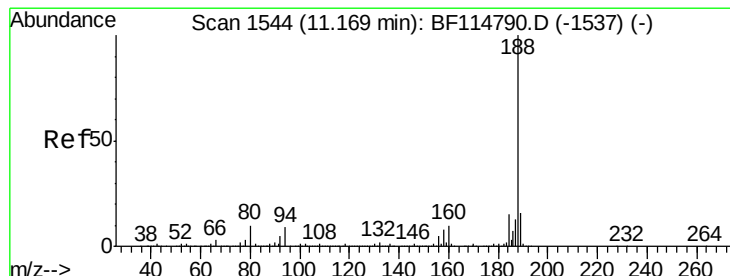


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

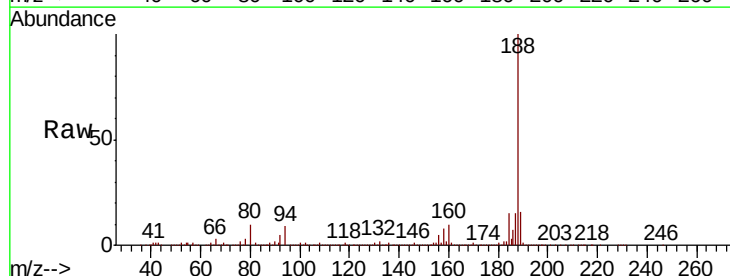
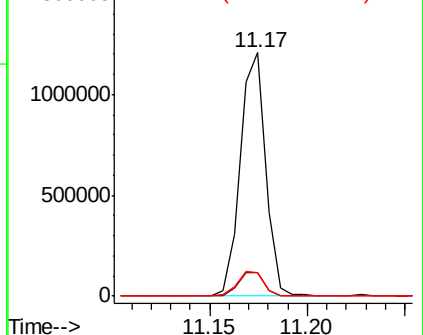


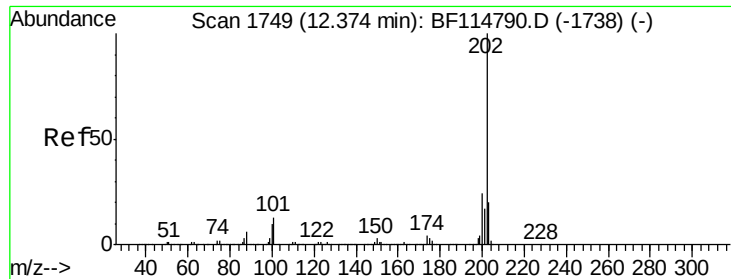
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF114885.D
Acq: 7 Jun 2019 1:34

Tgt Ion:188 Resp: 1089516
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 9.5 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





#75

Fluoranthene

Concen: 2.300 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF114885.D

Acq: 7 Jun 2019 1:34

Instrument :

BNA_F

ClientSampleId :

HR-05-060519-C

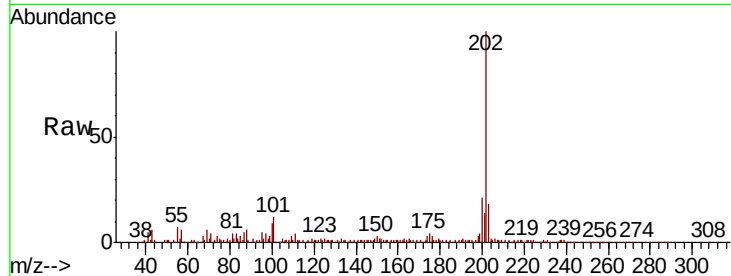
Tot Ion:202 Resp: 124487

Ion Ratio Lower Upper

202 100

101 12.4 0.0 32.8

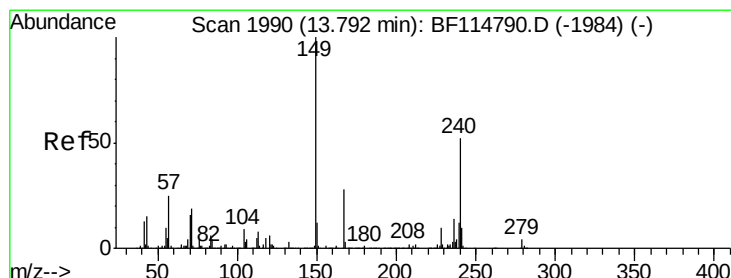
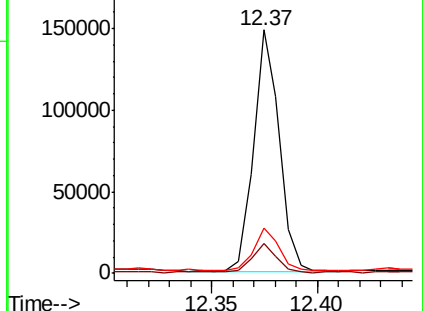
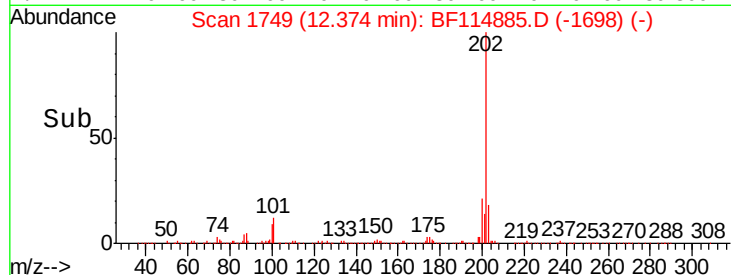
203 18.4 0.2 40.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BF114885.D

Acq: 7 Jun 2019 1:34

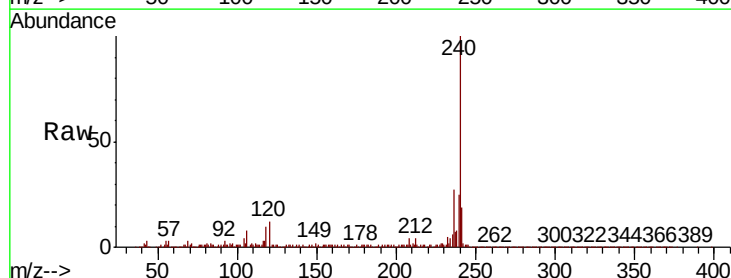
Tgt Ion:240 Resp: 725658

Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.4

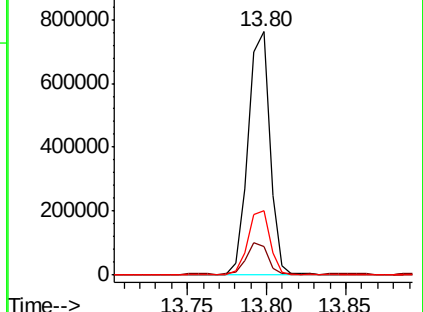
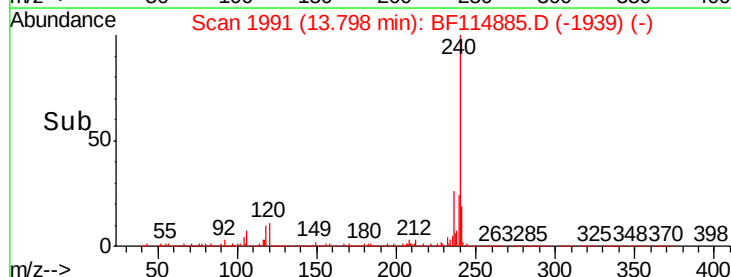
236 26.6 21.4 32.0

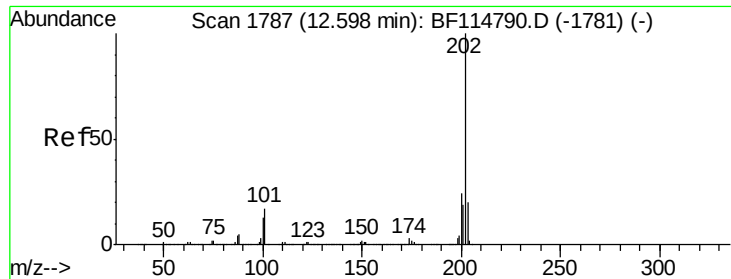


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

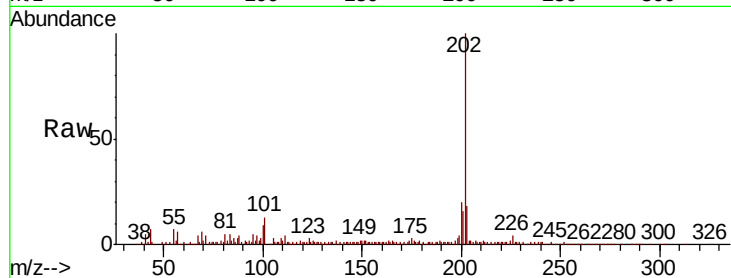




#78
Pvrene
Concen: 2.152 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BF114885.D
Acq: 7 Jun 2019 1:34

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	19.2	28.8
203	17.8	15.9	23.9

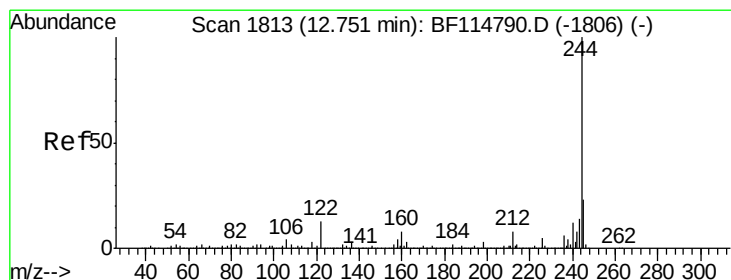
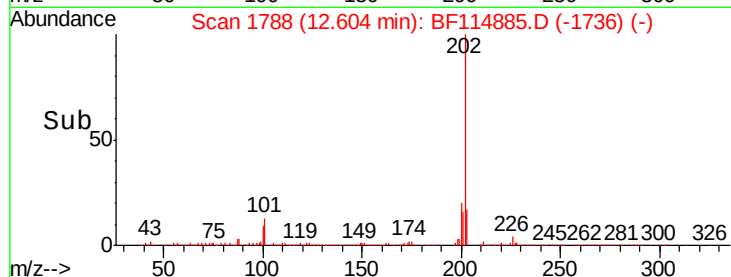
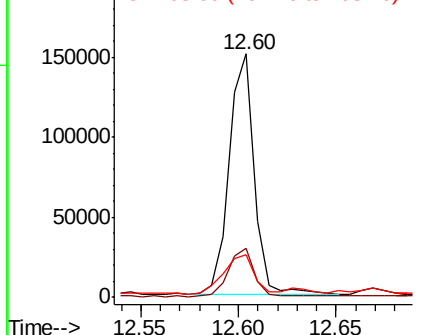


Abundance

Ion 202.00 (201.70 to 202.70): E

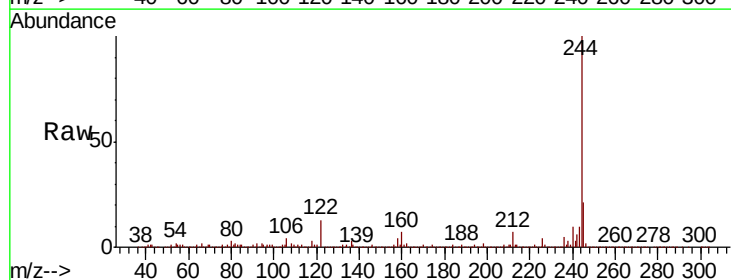
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 36.110 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF114885.D
Acq: 7 Jun 2019 1:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.5	9.7
122	13.3	10.5	15.7

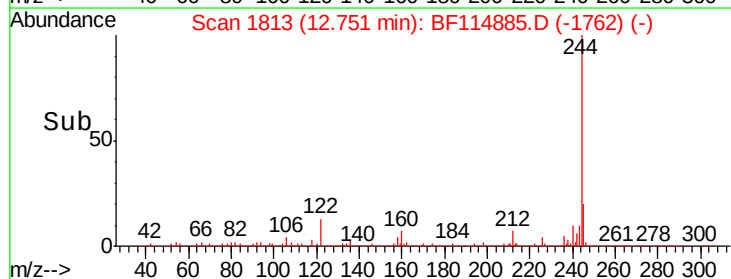
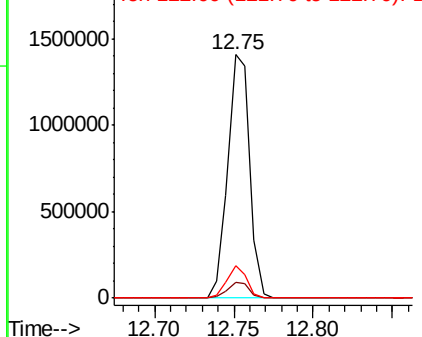


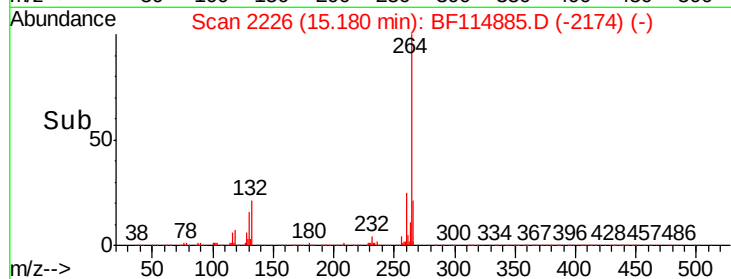
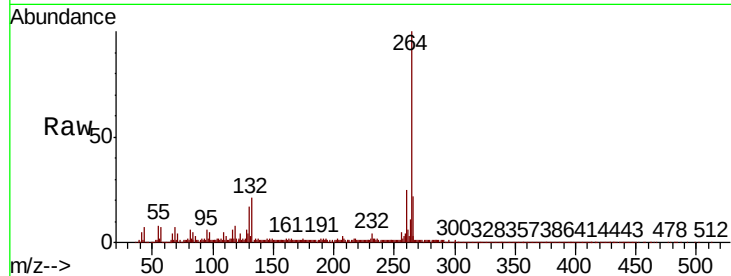
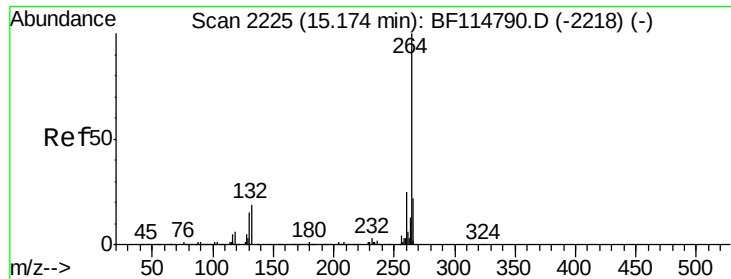
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF114885.D
Acq: 7 Jun 2019 1:34

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	22.2	17.7	26.5

