

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062819\
 Data File : BF115305.D
 Acq On : 29 Jun 2019 1:54
 Operator : HP/JU
 Sample : K3158-07 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719

Quant Time: Jun 29 07:04:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

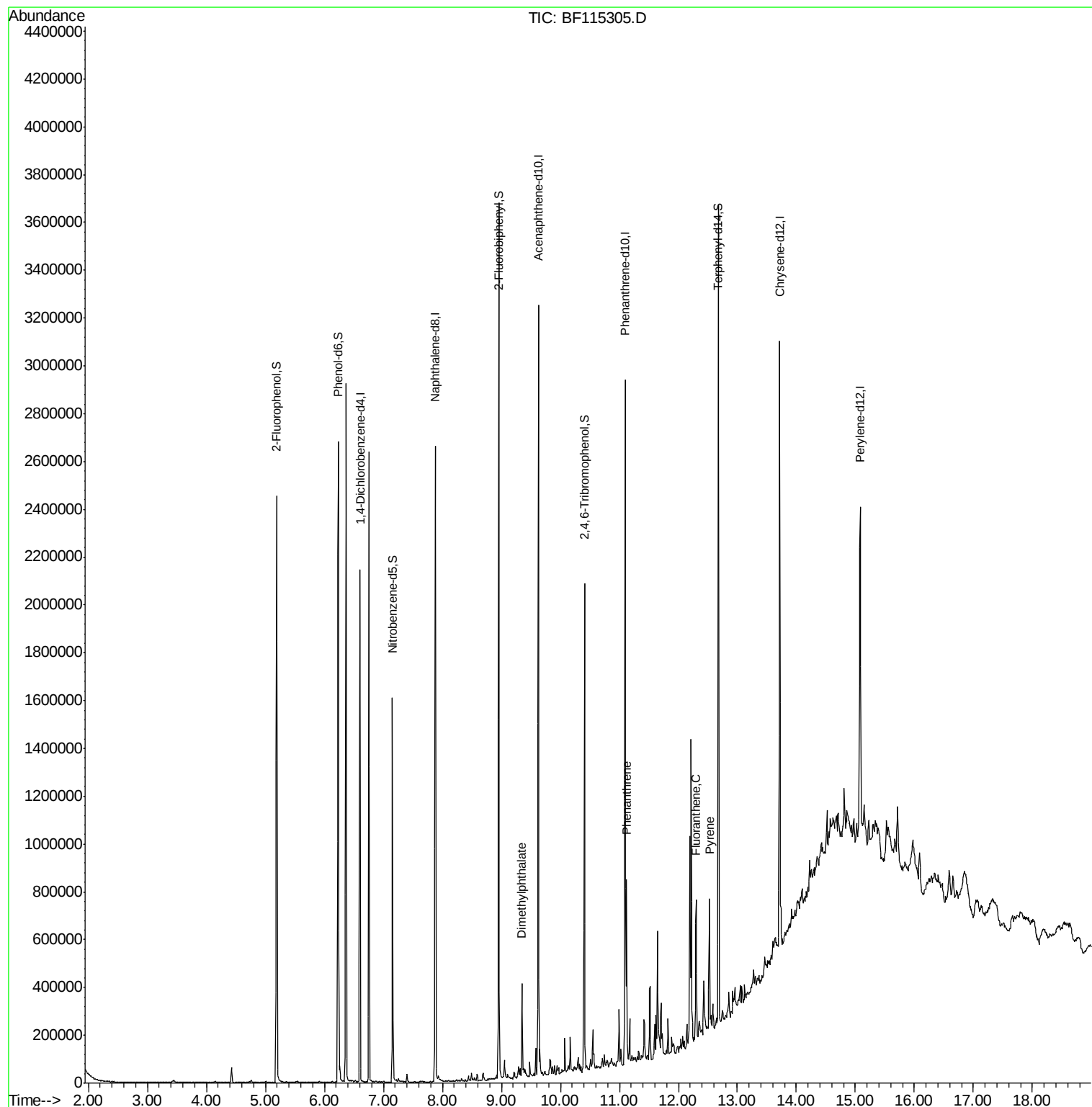
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	322750	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1226243	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	593677	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	1118805	20.00	ng	0.00
76) Chrysene-d12	13.72	240	804654	20.00	ng	0.00
87) Perylene-d12	15.08	264	587582	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	732587	35.03	ng	0.00
7) Phenol-d6	6.24	99	923185	36.37	ng	0.00
23) Nitrobenzene-d5	7.15	82	523715	26.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.41	330	248271	39.66	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1081907	30.96	ng	0.00
79) Terphenyl-d14	12.68	244	1125530	29.74	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.35	163	137998	3.159	ng	99
71) Phenanthrene	11.12	178	253354	4.206	ng	98
75) Fluoranthene	12.30	202	205943	3.427	ng	94
78) Pyrene	12.52	202	213186	3.447	ng	98

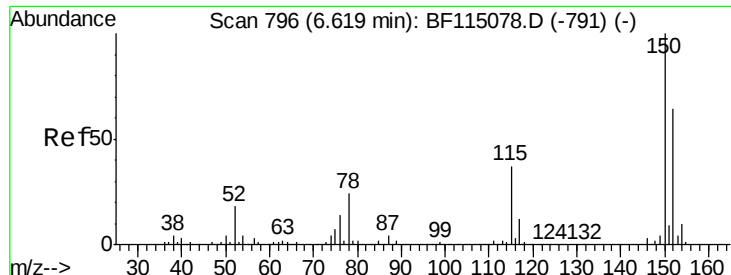
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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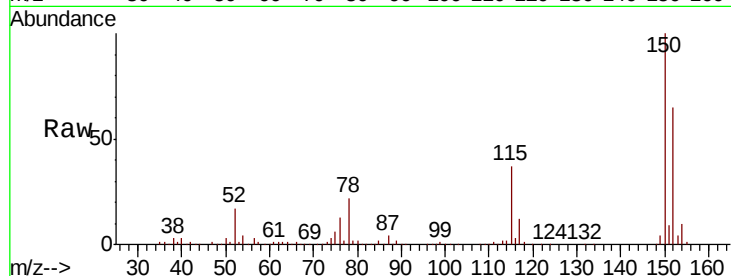


#1

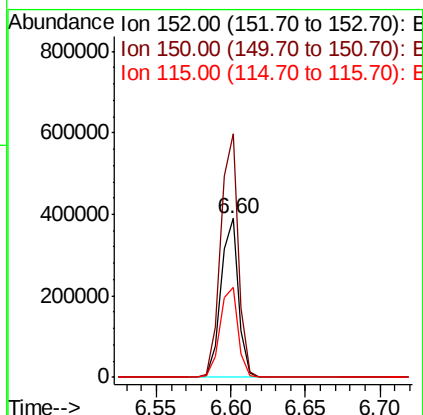
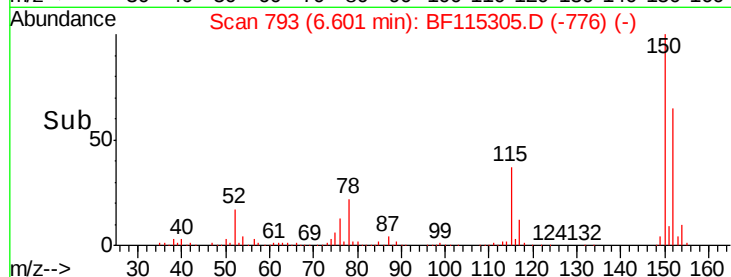
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF115305.D
 Acq: 29 Jun 2019 1:54

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719

Tot Ion:152 Resp: 322750
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.2 186.2
 115 56.8 46.1 69.1



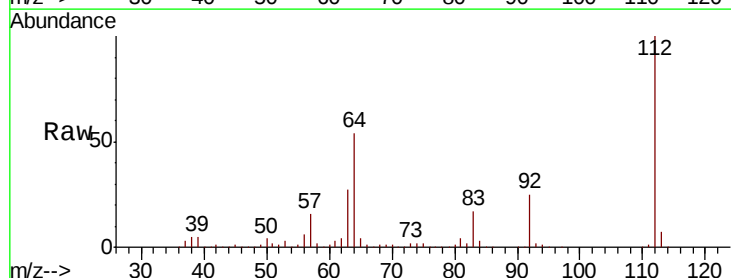
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



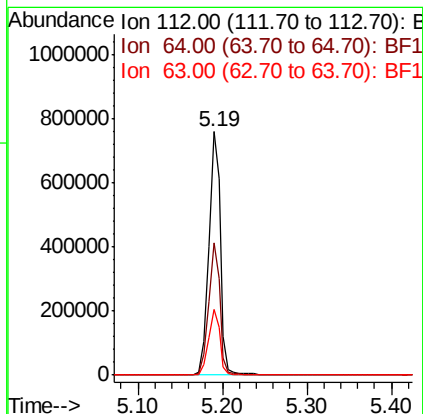
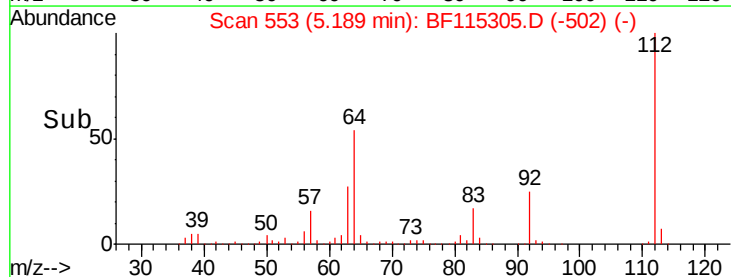
#5

2-Fluorophenol
 Concen: 35.027 ng
 RT: 5.19 min Scan# 553
 Delta R.T. 0.00 min
 Lab File: BF115305.D
 Acq: 29 Jun 2019 1:54

Tgt Ion:112 Resp: 732587
 Ion Ratio Lower Upper
 112 100
 64 54.1 43.8 65.6
 63 27.2 22.2 33.4



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: 36.367 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115305.D

Acq: 29 Jun 2019 1:54

Instrument :

BNA_F

ClientSampleId :

OK-02-062719

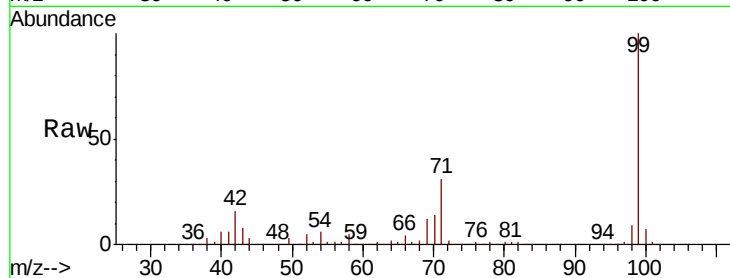
Tot Ion: 99 Resp: 923185

Ion Ratio Lower Upper

99 100

42 15.8 13.6 20.4

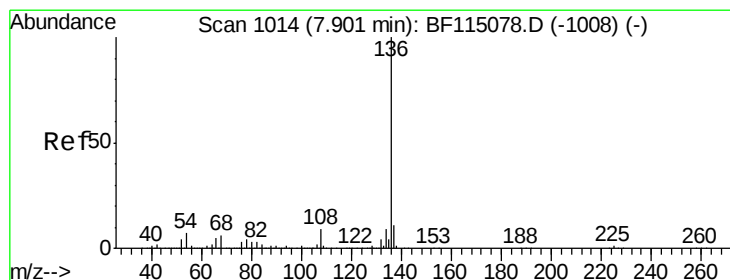
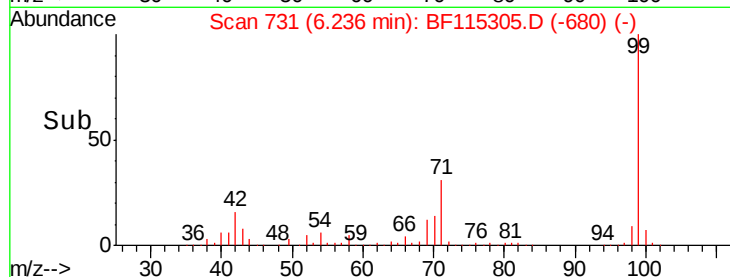
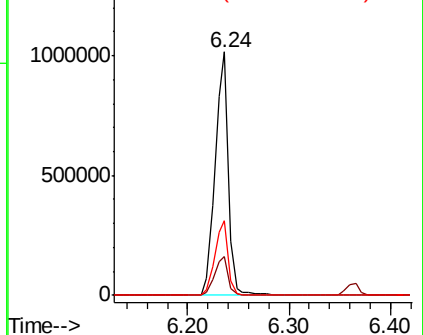
71 30.9 25.5 38.3



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: 7.88 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF115305.D

Acq: 29 Jun 2019 1:54

Tgt Ion: 136 Resp: 1226243

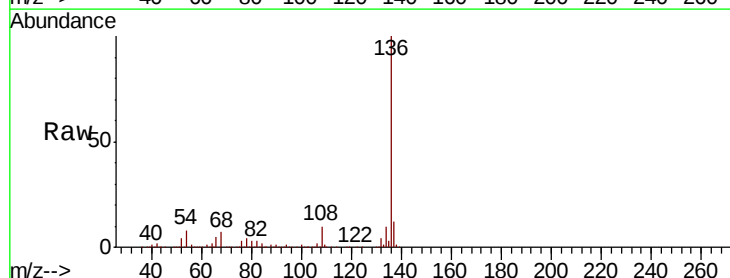
Ion Ratio Lower Upper

136 100

137 11.6 8.9 13.3

54 7.7 5.6 8.4

68 6.6 4.8 7.2

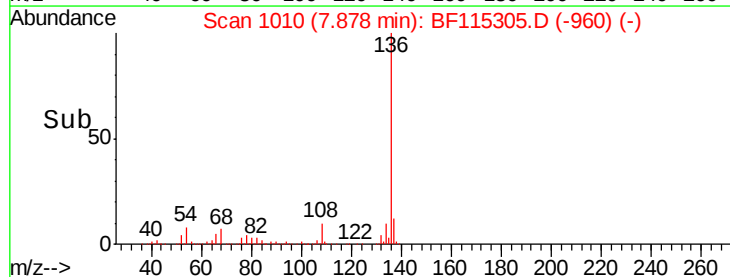
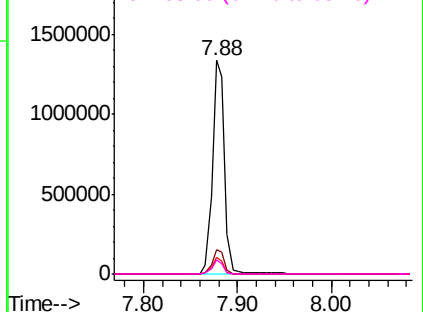


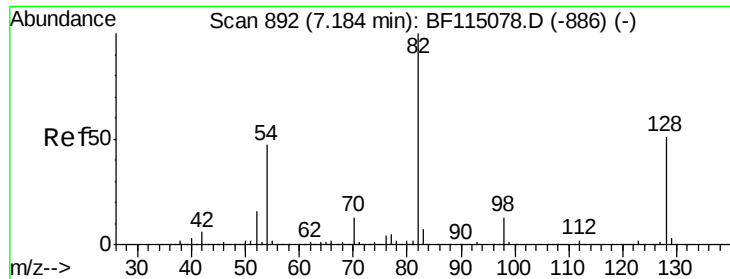
Abundance Ion 136.00 (135.70 to 136.70): E

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

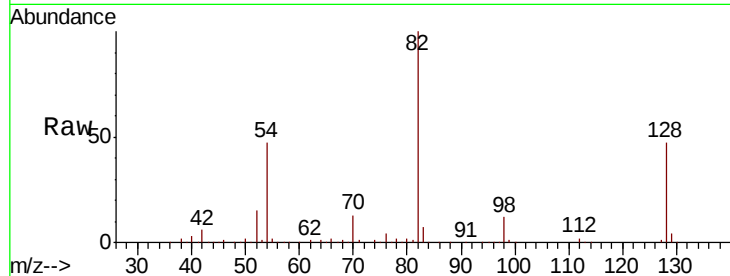




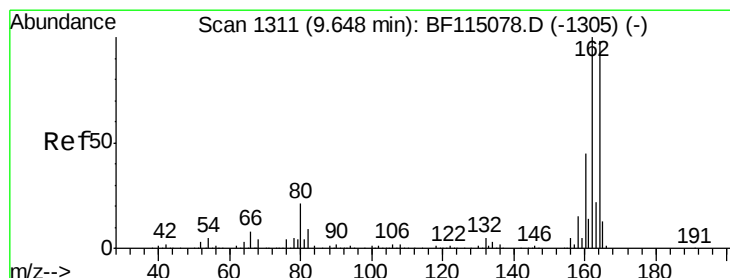
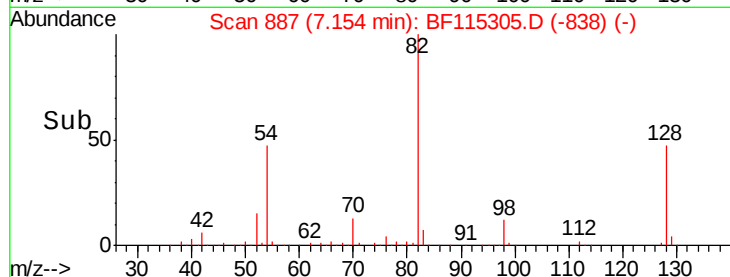
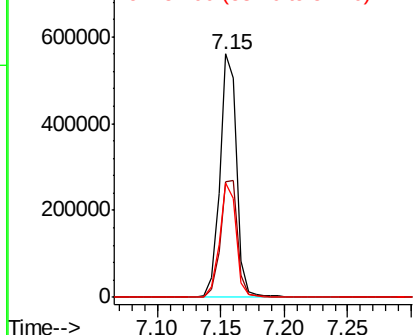
#23
Nitrobenzene-d5
Concen: 26.273 ng
RT: 7.15 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115305.D
Acq: 29 Jun 2019 1:54

Instrument :
BNA_F
ClientSampleId :
OK-02-062719

Tot Ion: 82 Resp: 523715
Ion Ratio Lower Upper
82 100
128 47.4 40.4 60.6
54 46.7 37.5 56.3

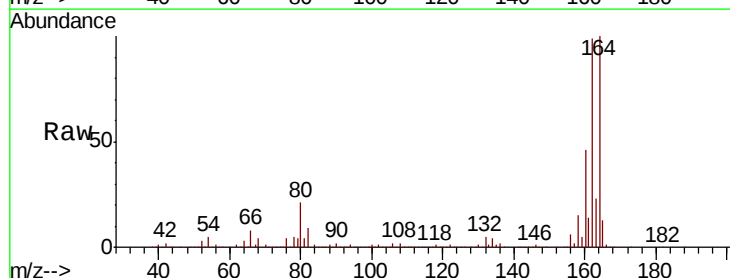


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

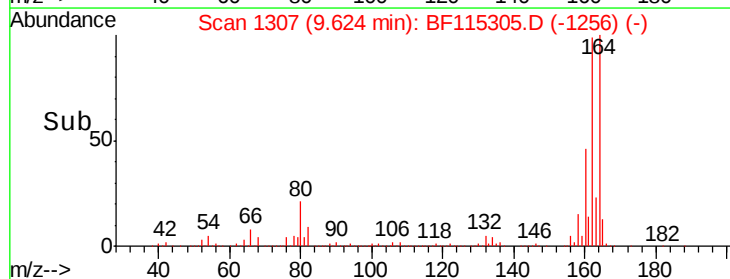
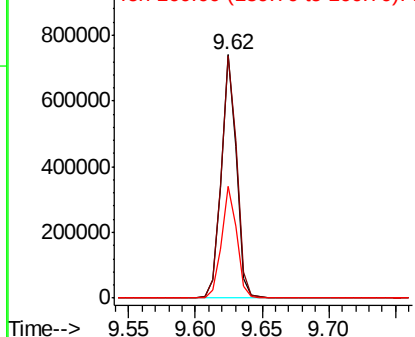


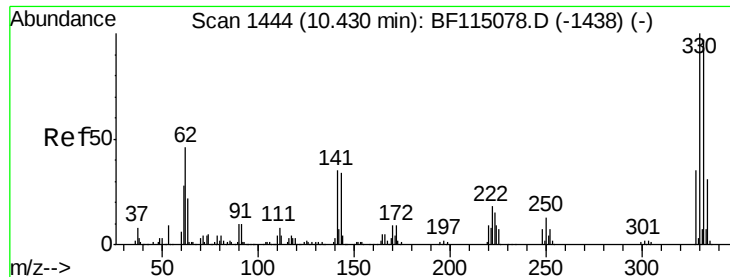
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF115305.D
Acq: 29 Jun 2019 1:54

Tgt Ion:164 Resp: 593677
Ion Ratio Lower Upper
164 100
162 99.4 81.7 122.5
160 45.9 37.0 55.4



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

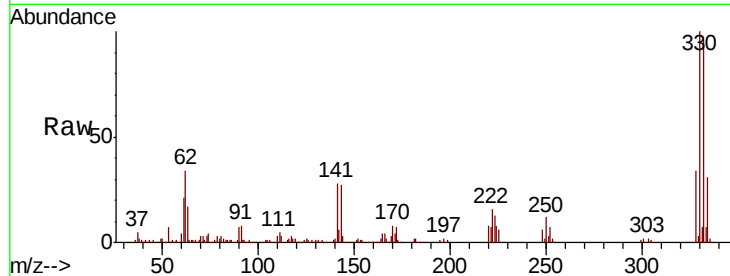




#42
 2,4,6-Tribromophenol
 Concen: 39.657 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115305.D
 Acq: 29 Jun 2019 1:54

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	33.0	28.2	42.2

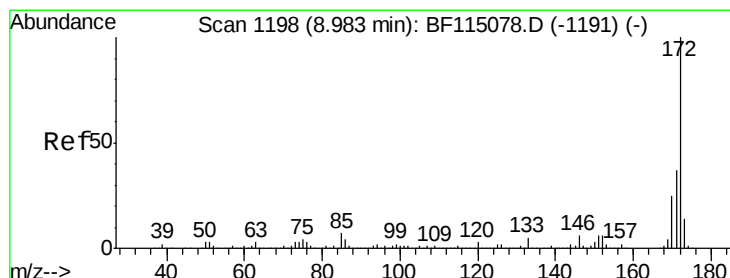
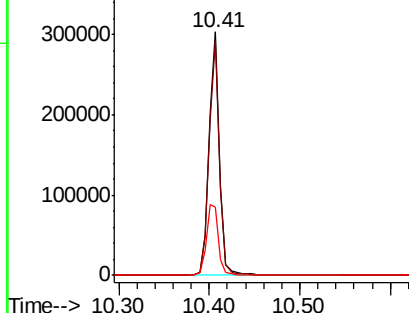
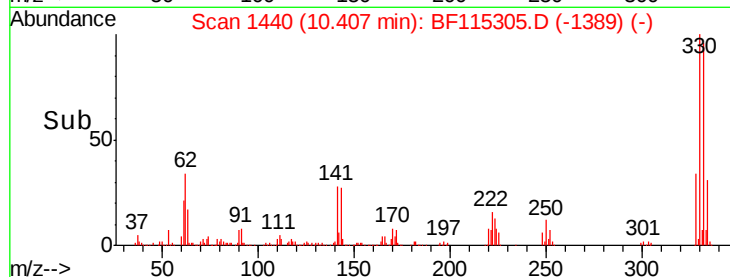


Abundance

Ion 329.80 (329.50 to 330.50): E

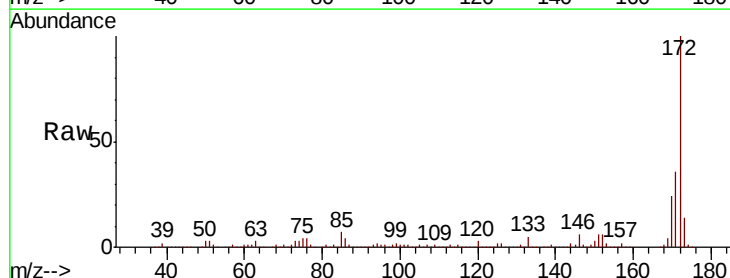
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 30.955 ng
 RT: 8.95 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF115305.D
 Acq: 29 Jun 2019 1:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.8	44.6
170	24.1	20.3	30.5

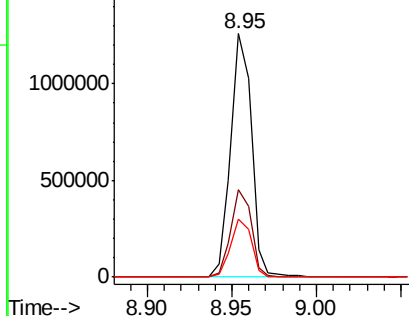
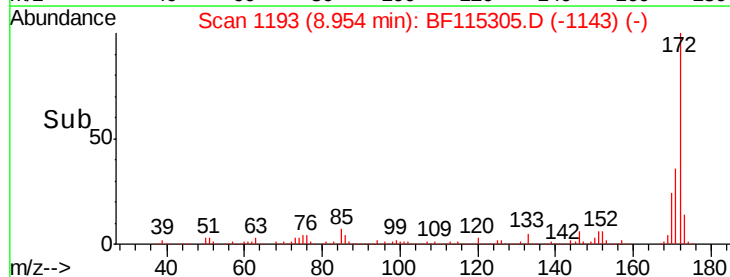


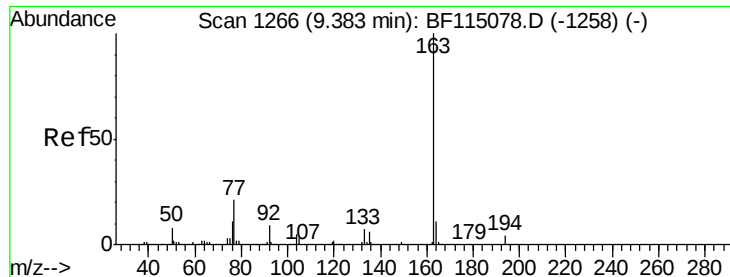
Abundance

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

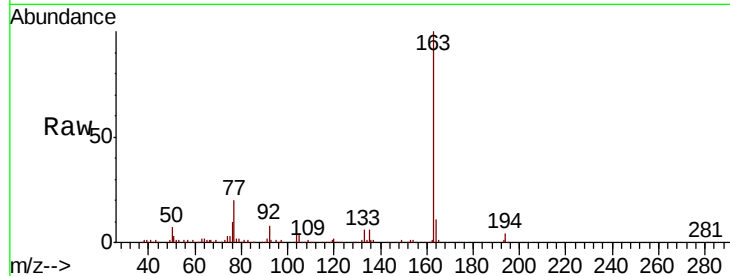




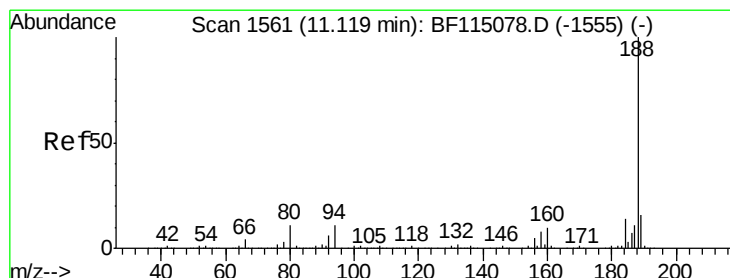
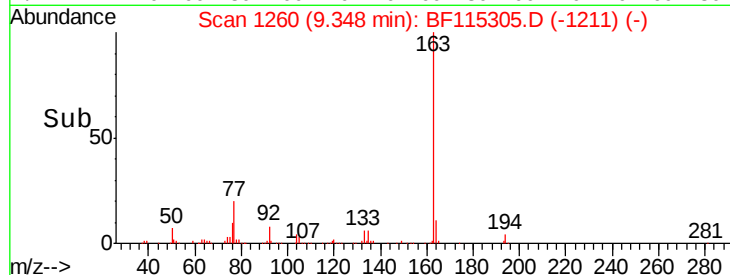
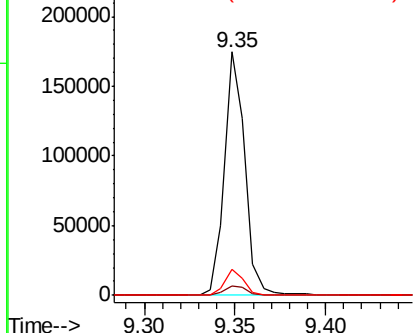
#50
Dimethylphthalate
Concen: 3.159 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115305.D
Acq: 29 Jun 2019 1:54

Instrument :
BNA_F
ClientSampleId :
OK-02-062719

Tot Ion:163 Resp: 137998
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.5 8.6 13.0

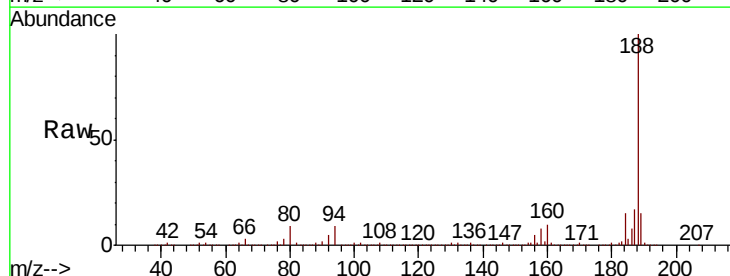


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

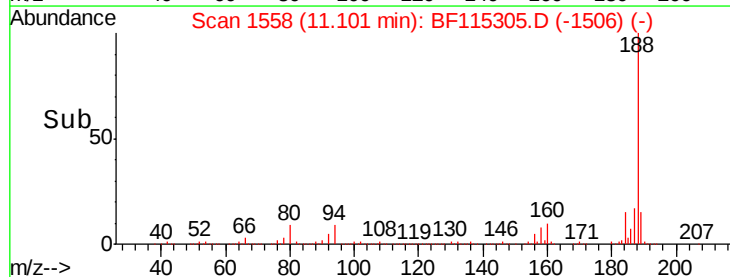
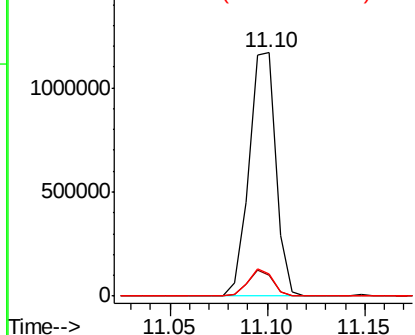


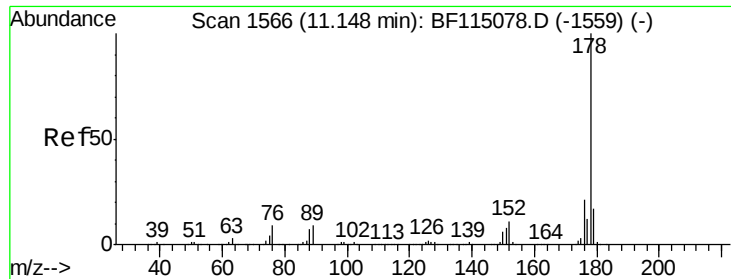
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF115305.D
Acq: 29 Jun 2019 1:54

Tgt Ion:188 Resp: 1118805
Ion Ratio Lower Upper
188 100
94 8.8 8.6 12.8
80 9.3 8.8 13.2



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

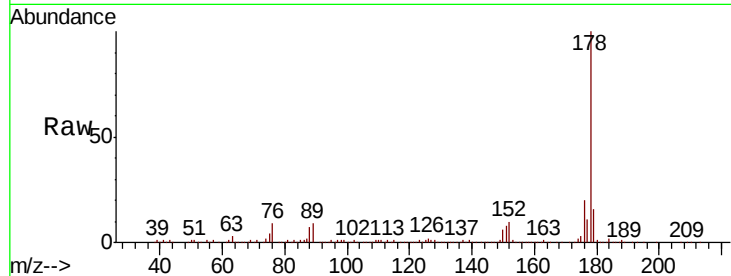




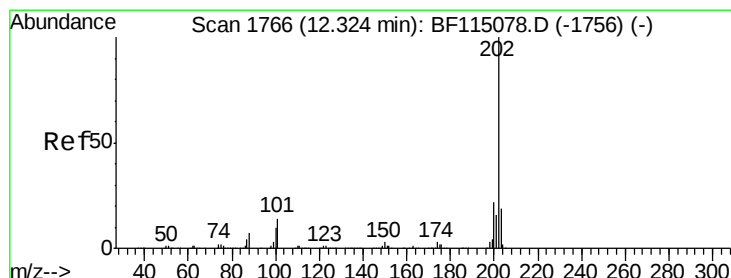
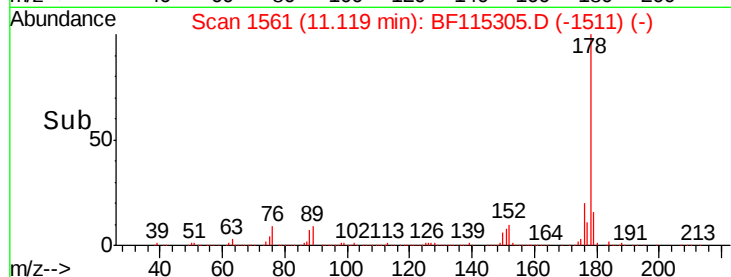
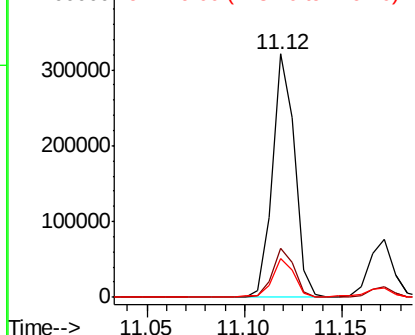
#71
Phenanthrene
Concen: 4.206 ng
RT: 11.12 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF115305.D
Acq: 29 Jun 2019 1:54

Instrument :
BNA_F
ClientSampleId :
OK-02-062719

Tot Ion:178 Resp: 253354
Ion Ratio Lower Upper
178 100
176 20.1 16.9 25.3
179 16.0 13.2 19.8

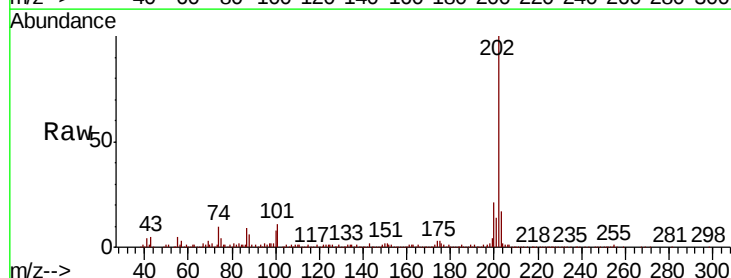


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

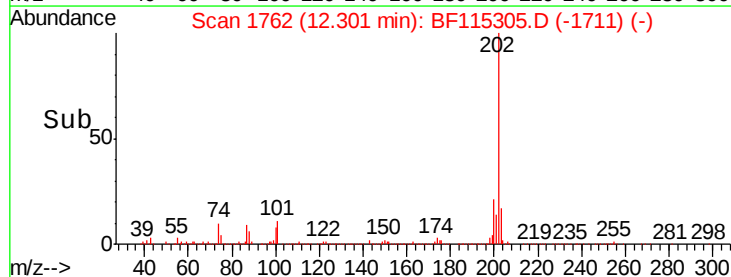
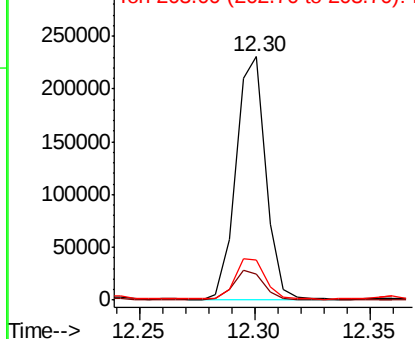


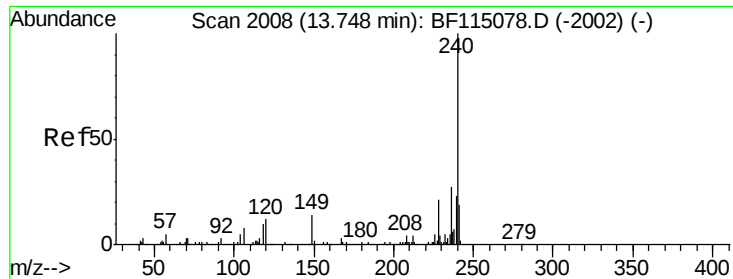
#75
Fluoranthene
Concen: 3.427 ng
RT: 12.30 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF115305.D
Acq: 29 Jun 2019 1:54

Tgt Ion:202 Resp: 205943
Ion Ratio Lower Upper
202 100
101 11.0 0.0 34.0
203 16.7 0.0 38.8



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: 13.72 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF115305.D

Acq: 29 Jun 2019 1:54

Instrument :

BNA_F

ClientSampleId :

OK-02-062719

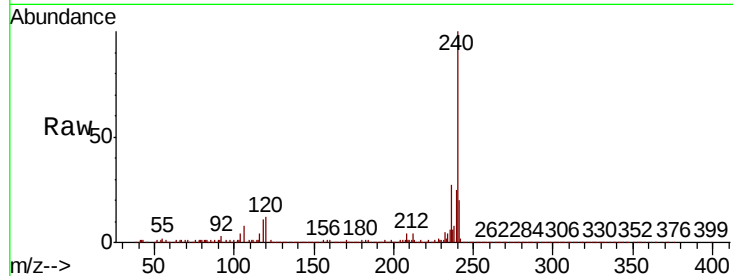
Tot Ion:240 Resp: 804654

Ion Ratio Lower Upper

240 100

120 11.7 9.4 14.2

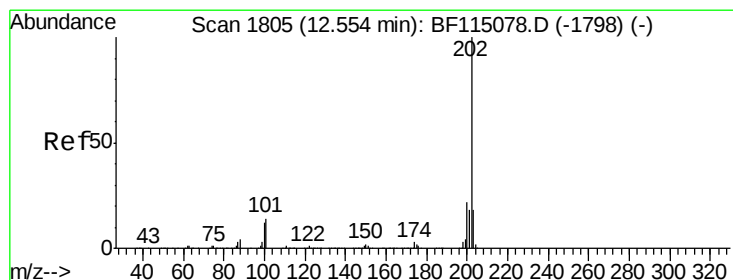
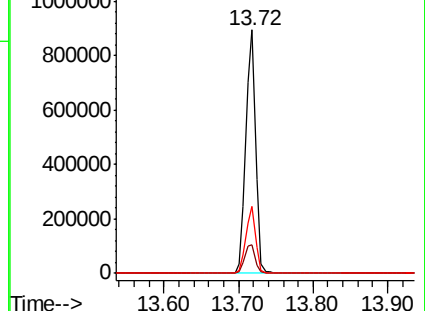
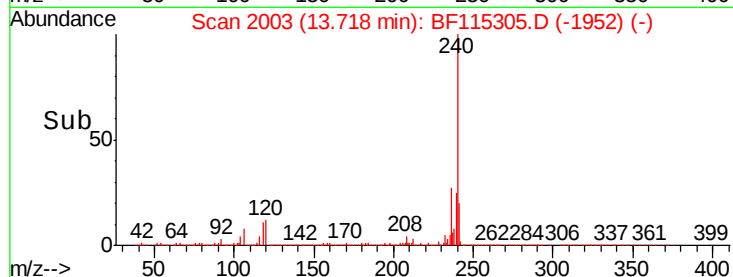
236 27.3 21.7 32.5



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

Pyrene

Concen: 3.447 ng

RT: 12.52 min Scan# 1800

Delta R.T. 0.00 min

Lab File: BF115305.D

Acq: 29 Jun 2019 1:54

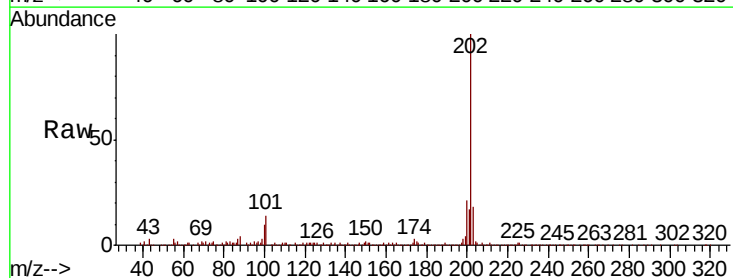
Tgt Ion:202 Resp: 213186

Ion Ratio Lower Upper

202 100

200 20.8 17.9 26.9

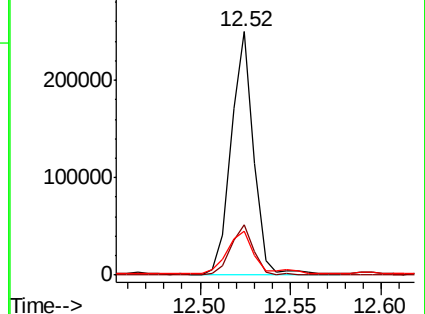
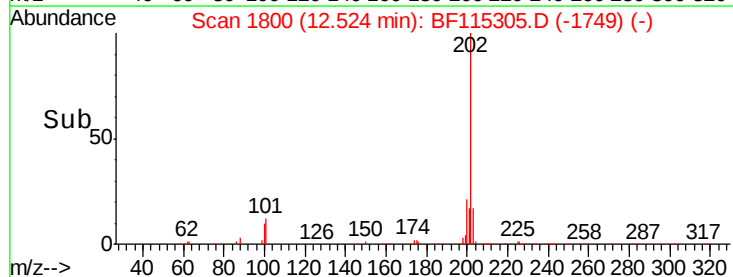
203 18.0 14.6 21.8

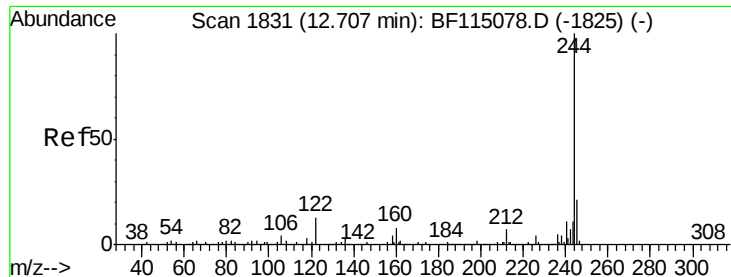


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

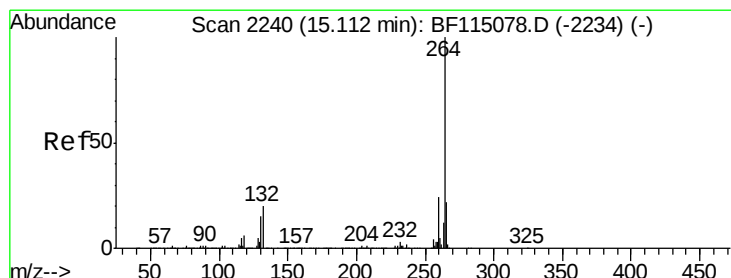
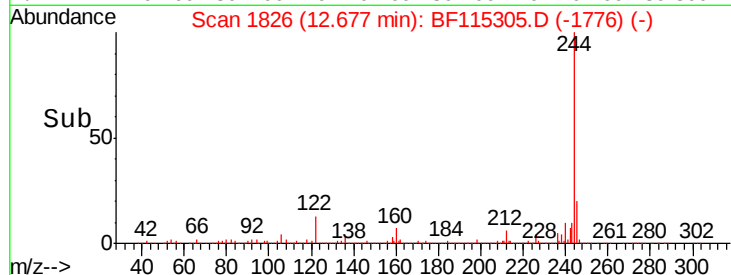
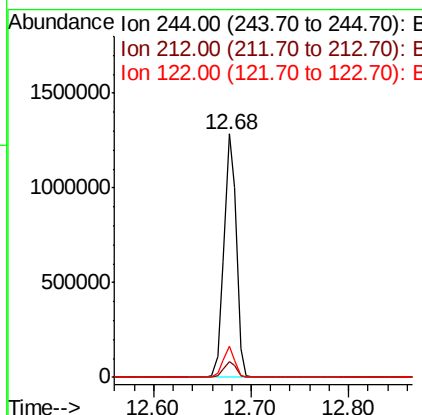
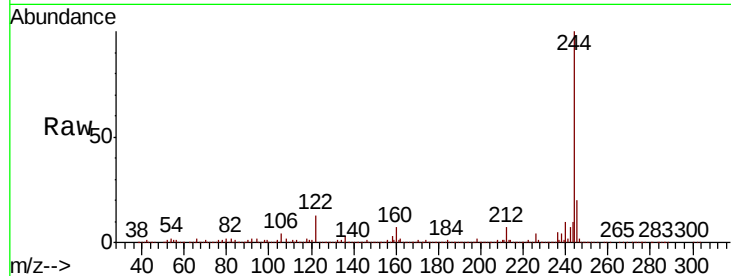




#79
 Terphenyl-d14
 Concen: 29.740 ng
 RT: 12.68 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF115305.D
 Acq: 29 Jun 2019 1:54

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-062719

Tot Ion:244 Resp: 1125530
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 12.7 10.4 15.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.08 min Scan# 2235
 Delta R.T. 0.00 min
 Lab File: BF115305.D
 Acq: 29 Jun 2019 1:54

Tgt Ion:264 Resp: 587582
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 22.1 17.3 25.9

