

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
 Data File : BF115169.D
 Acq On : 25 Jun 2019 1:14
 Operator : HP/JU
 Sample : K3500-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-7(9-10)

Quant Time: Jun 25 08:30:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 24 04:21:29 2019
 Response via : Initial Calibration

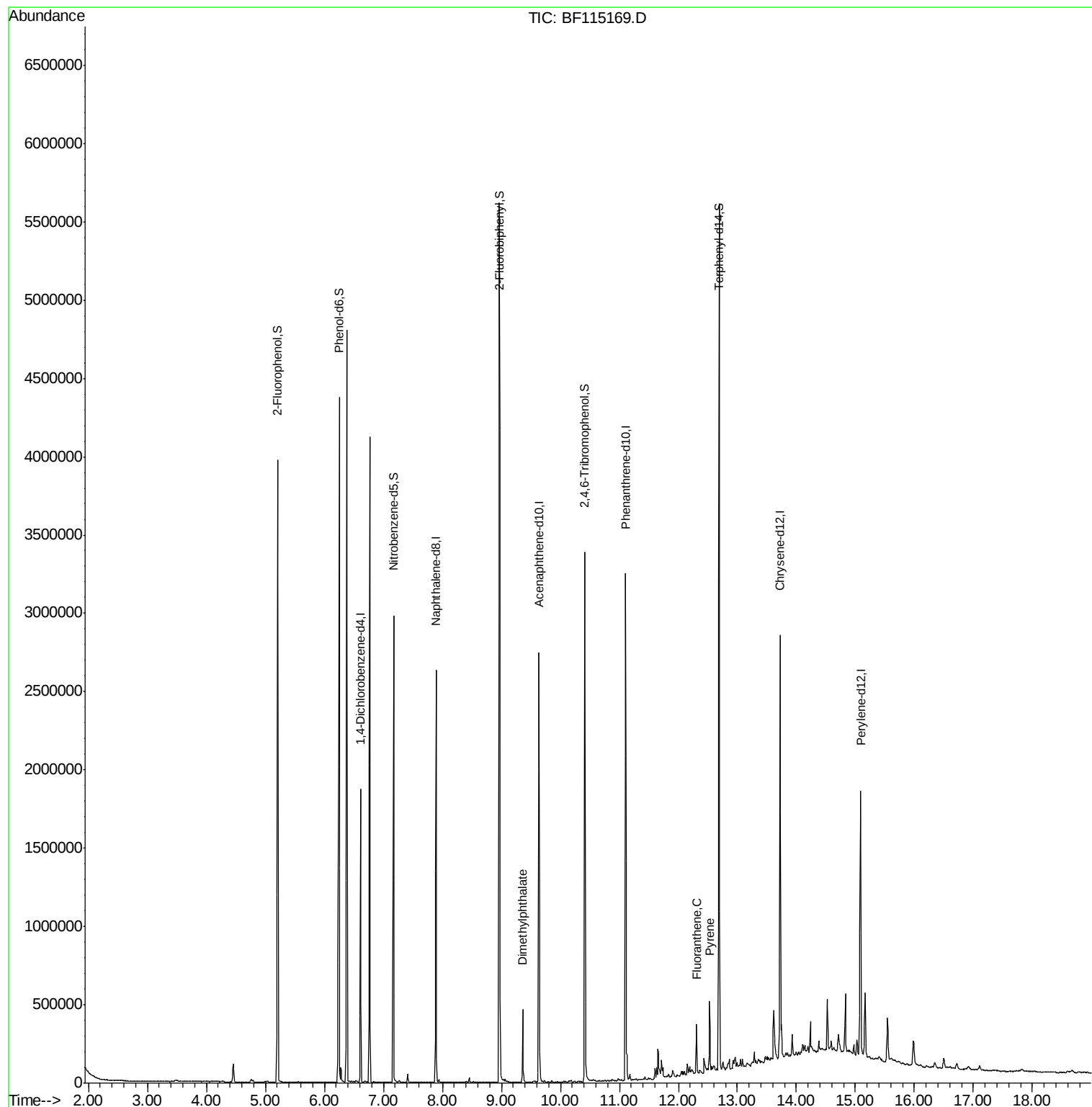
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	275970	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1061315	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	532710	20.00	ng	-0.01
64) Phenanthrene-d10	11.11	188	1066852	20.00	ng	-0.01
76) Chrysene-d12	13.72	240	827604	20.00	ng	-0.02
87) Perylene-d12	15.09	264	712168	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1287483	71.99	ng	0.00
7) Phenol-d6	6.25	99	1604138	73.90	ng	0.00
23) Nitrobenzene-d5	7.17	82	954494	55.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	443515	78.95	ng	-0.01
45) 2-Fluorobiphenyl	8.97	172	1764066	56.25	ng	-0.02
79) Terphenyl-d14	12.69	244	2092774	53.76	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.36	163	188234	4.803	ng	98
75) Fluoranthene	12.31	202	120108	2.096	ng	95
78) Pyrene	12.53	202	166150	2.612	ng	99

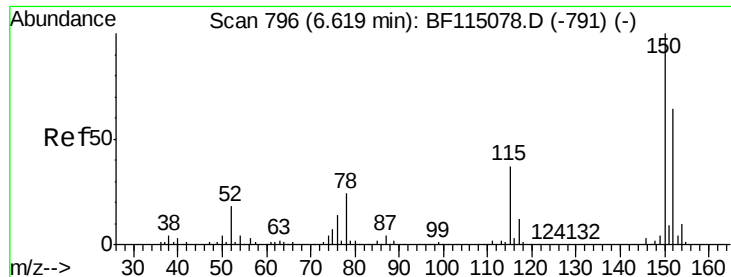
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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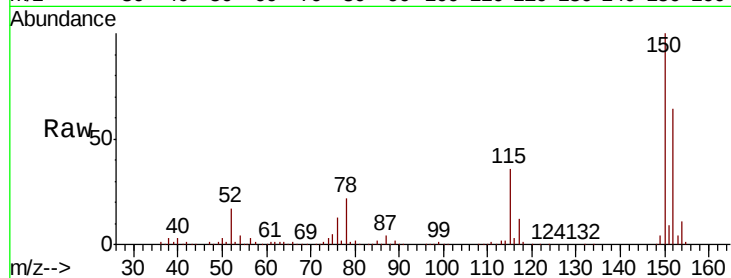


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115169.D
Acq: 25 Jun 2019 1:14

Instrument :
BNA_F
ClientSampleId :
B-7(9-10)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	56.8	46.1	69.1

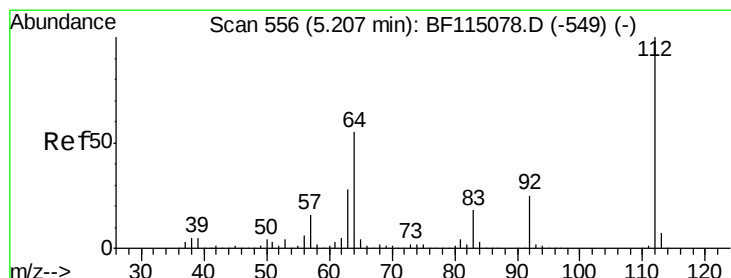
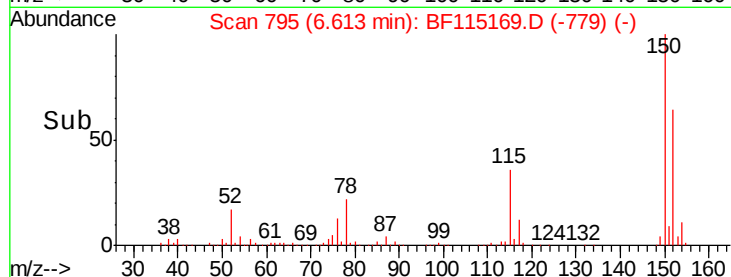
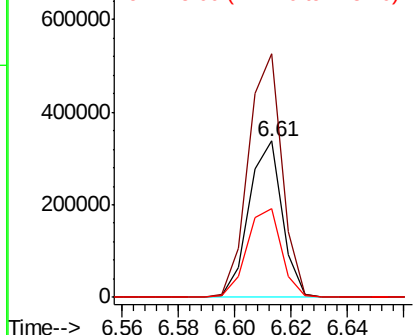


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

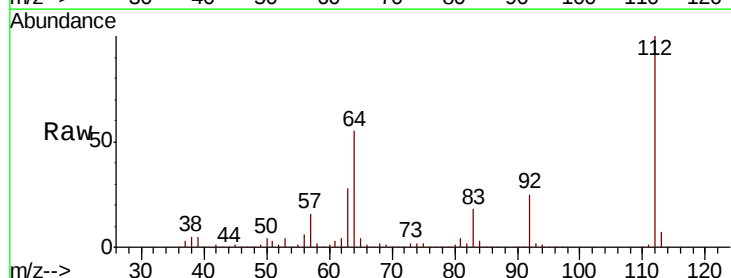
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 71.993 ng
RT: 5.21 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF115169.D
Acq: 25 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.8	65.6
63	28.1	22.2	33.4

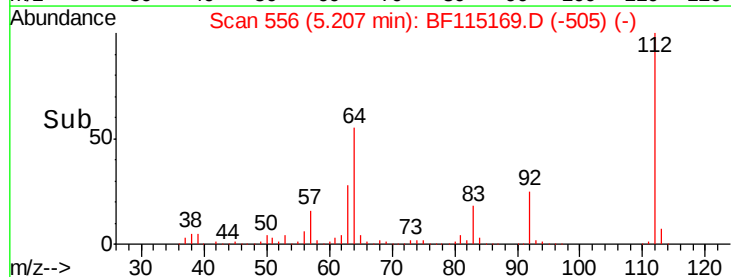
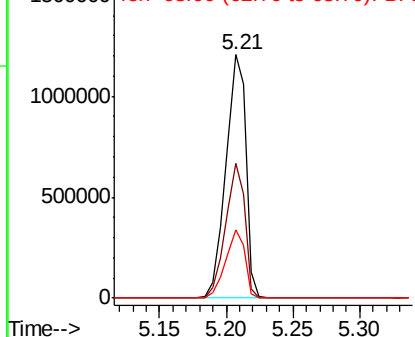


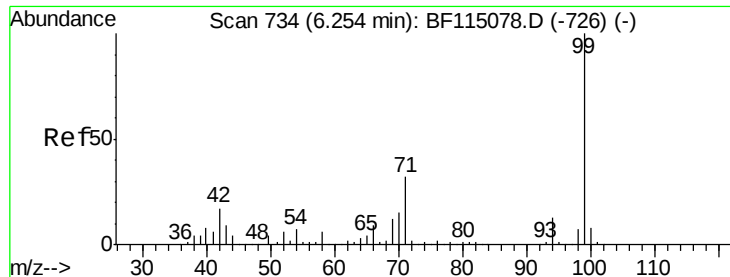
Abundance

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: 73.903 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115169.D

Acq: 25 Jun 2019 1:14

Instrument :

BNA_F

ClientSampleId :

B-7(9-10)

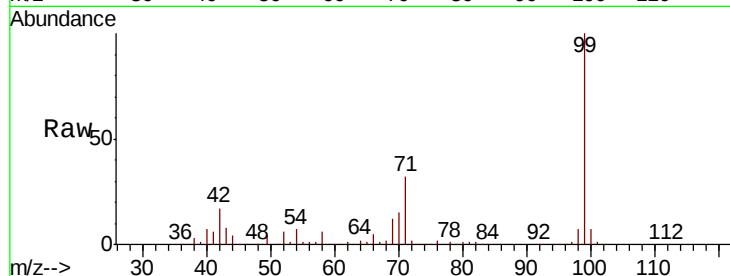
Tot Ion: 99 Resp: 1604138

Ion Ratio Lower Upper

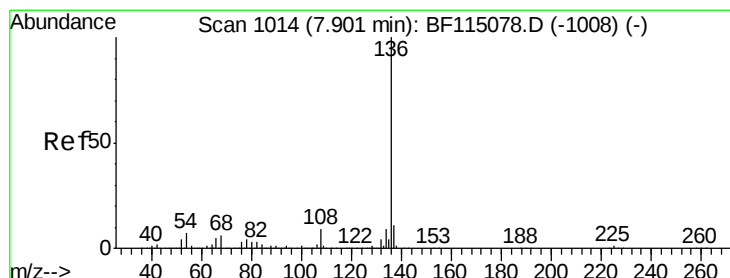
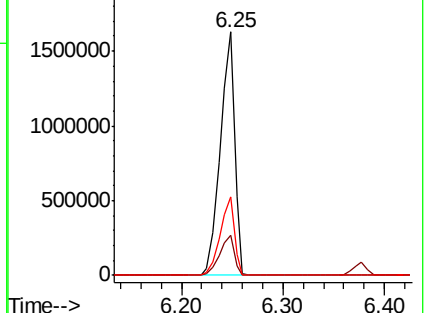
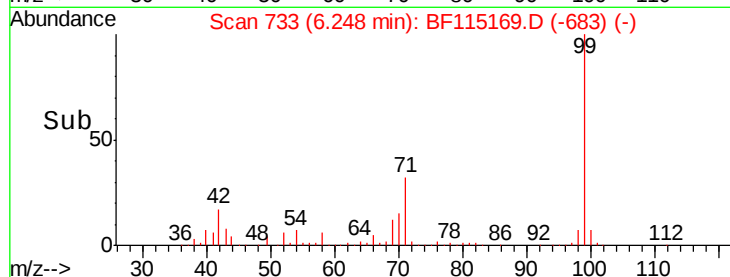
99 100

42 16.7 13.6 20.4

71 32.3 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: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115169.D

Acq: 25 Jun 2019 1:14

Tgt Ion: 136 Resp: 1061315

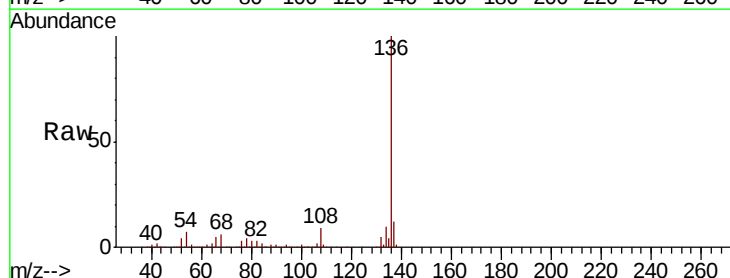
Ion Ratio Lower Upper

136 100

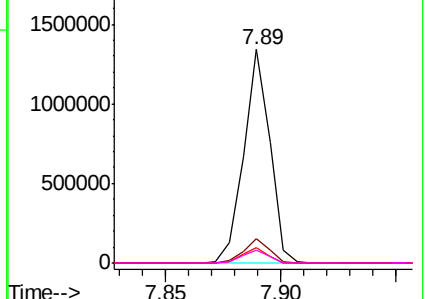
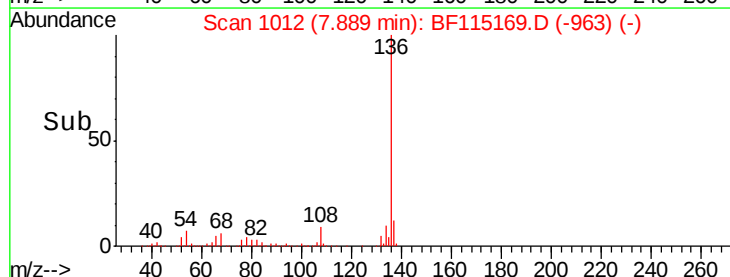
137 11.6 8.9 13.3

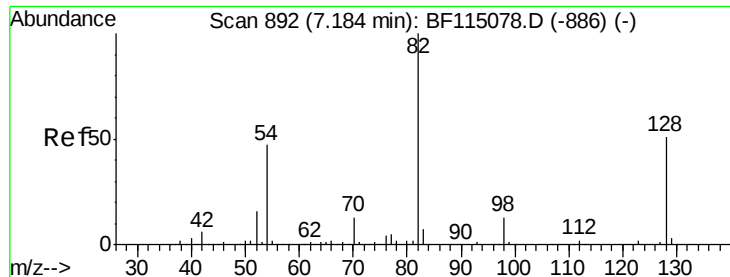
54 7.0 5.6 8.4

68 6.1 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

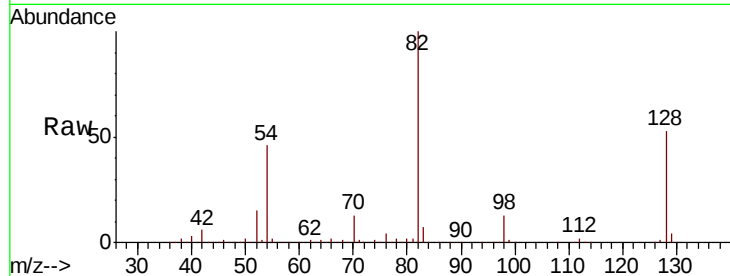




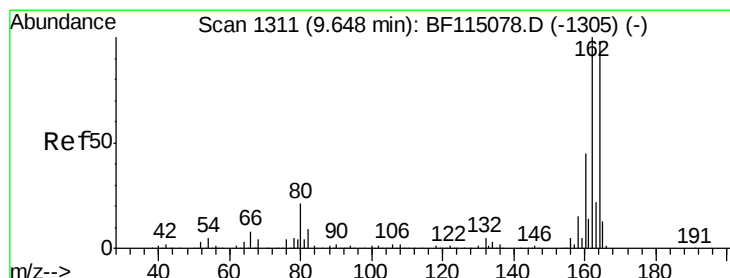
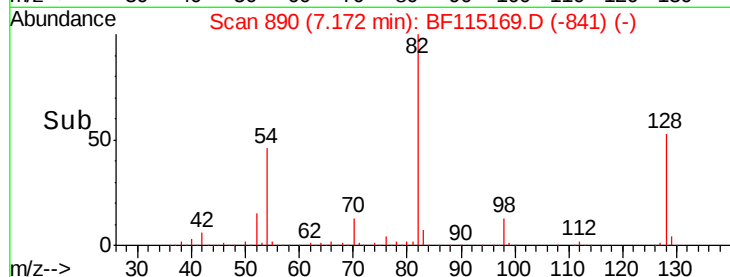
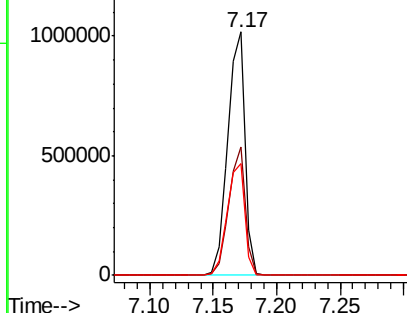
#23
 Nitrobenzene-d5
 Concen: 55.324 ng
 RT: 7.17 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BF115169.D
 Acq: 25 Jun 2019 1:14

Instrument :
 BNA_F
 ClientSampleId :
 B-7(9-10)

Tot Ion	82	Resp	954494
Ion Ratio	100	Lower	Upper
128	52.8	40.4	60.6
54	46.1	37.5	56.3

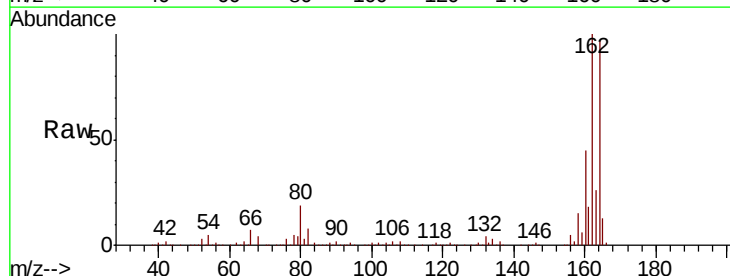


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

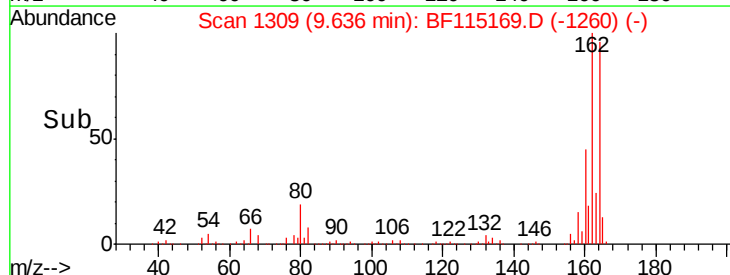
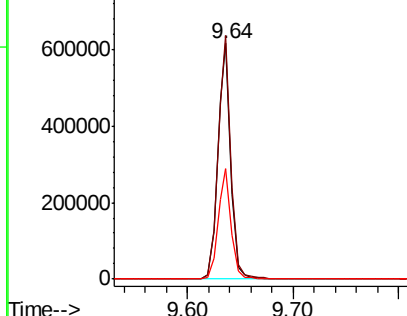


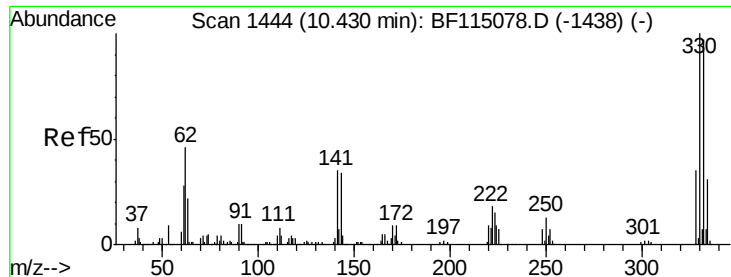
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF115169.D
 Acq: 25 Jun 2019 1:14

Tgt Ion	164	Resp	532710
Ion Ratio	100	Lower	Upper
162	103.3	81.7	122.5
160	46.8	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

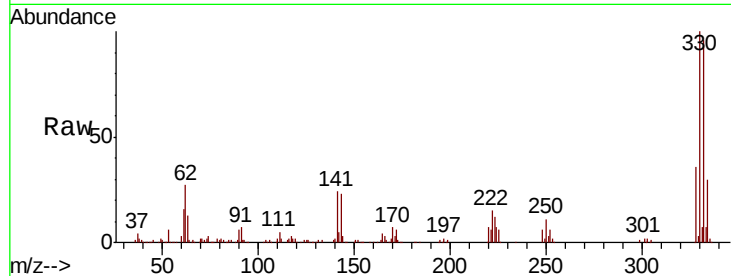




#42
 2,4,6-Tribromophenol
 Concen: 78.951 ng
 RT: 10.42 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF115169.D
 Acq: 25 Jun 2019 1:14

Instrument :
 BNA_F
 ClientSampleId :
 B-7(9-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	33.0	28.2	42.2

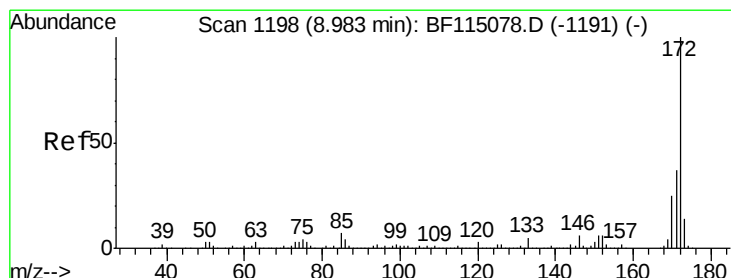
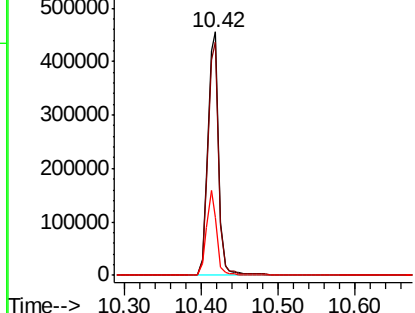
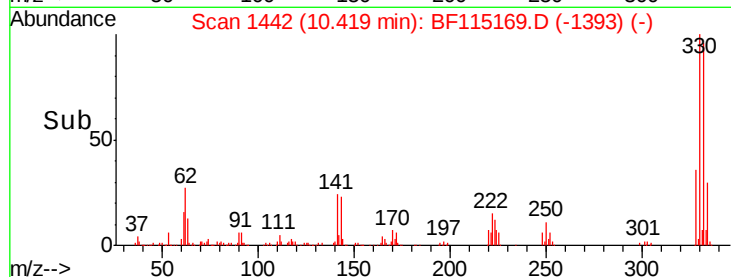


Abundance

Ion 329.80 (329.50 to 330.50): E

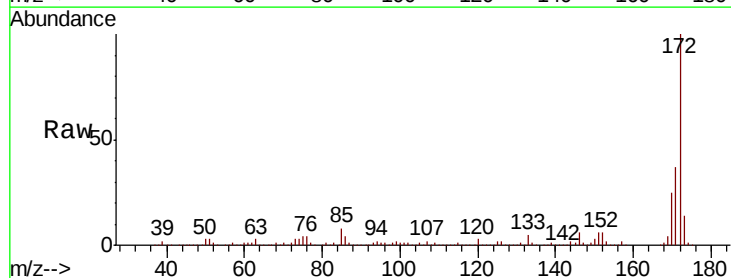
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 56.250 ng
 RT: 8.97 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF115169.D
 Acq: 25 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	25.1	20.3	30.5

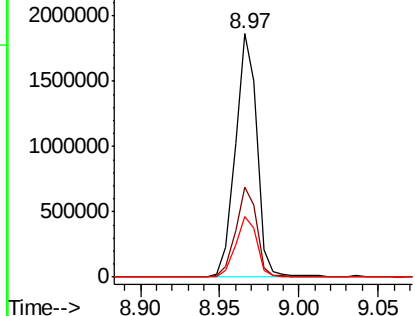
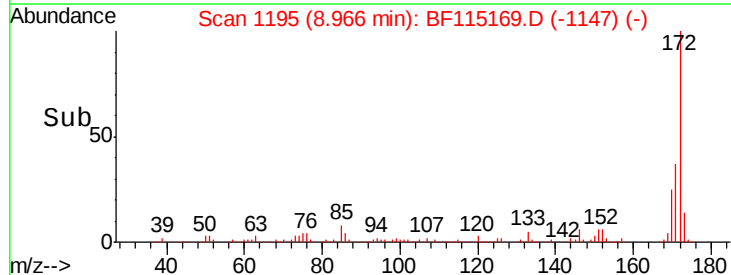


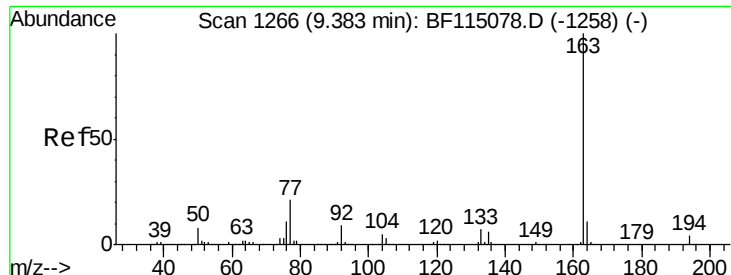
Abundance

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

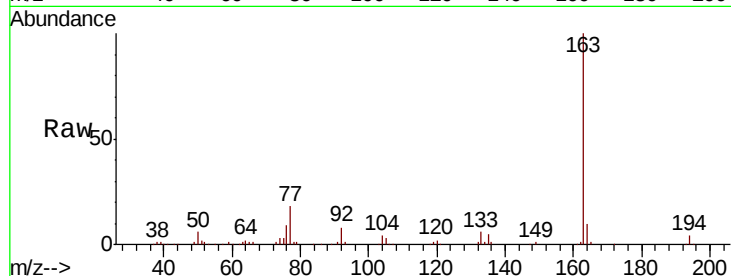




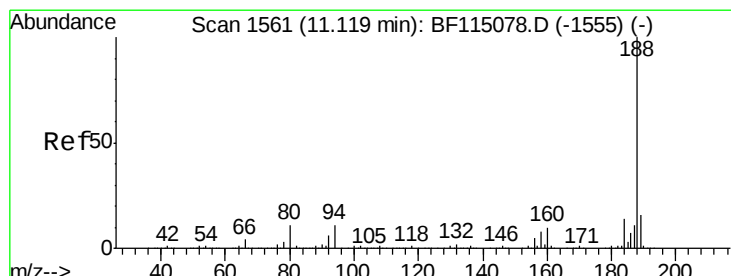
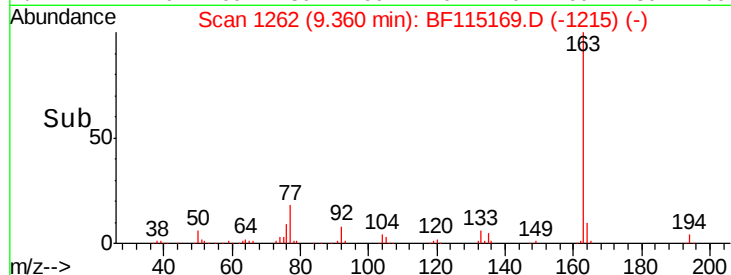
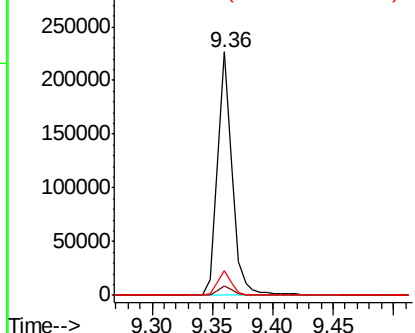
#50
Dimethylphthalate
Concen: 4.803 ng
RT: 9.36 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF115169.D
Acq: 25 Jun 2019 1:14

Instrument :
BNA_F
ClientSampleId :
B-7(9-10)

Tot Ion:163 Resp: 188234
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.0 8.6 13.0

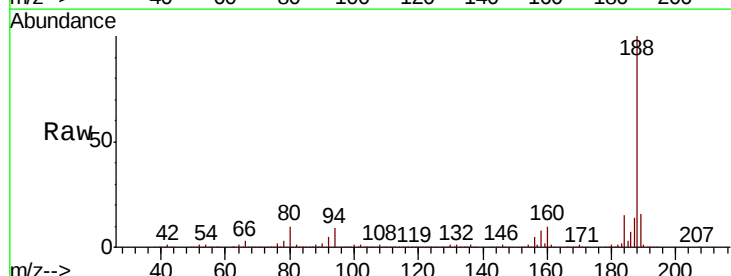


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

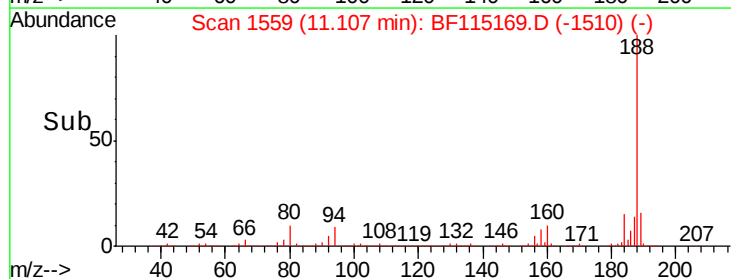
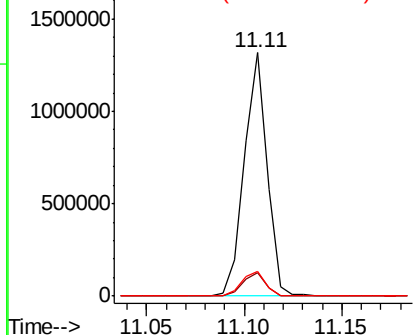


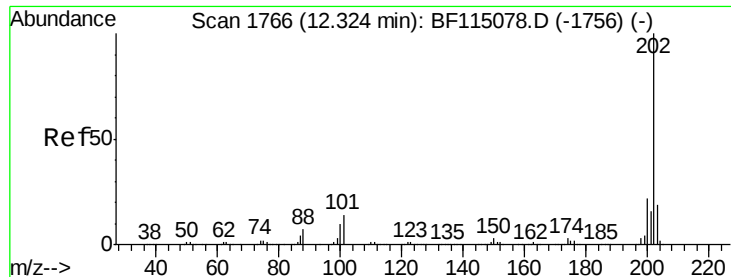
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF115169.D
Acq: 25 Jun 2019 1:14

Tgt Ion:188 Resp: 1066852
Ion Ratio Lower Upper
188 100
94 9.4 8.6 12.8
80 9.9 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





#75

Fluoranthene

Concen: 2.096 ng

RT: 12.31 min Scan# 1763

Delta R.T. -0.02 min

Lab File: BF115169.D

Acq: 25 Jun 2019 1:14

Instrument :

BNA_F

ClientSampleId :

B-7(9-10)

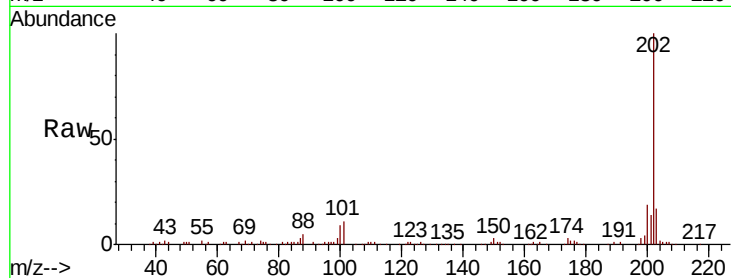
Tot Ion:202 Resp: 120108

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.0

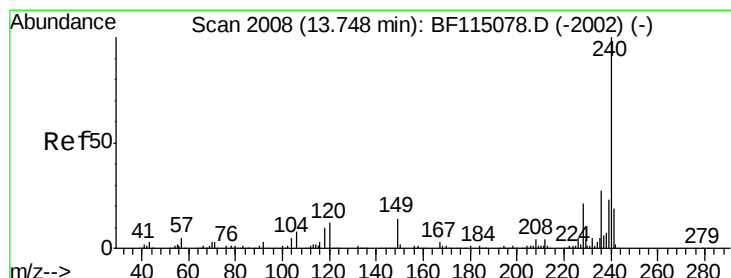
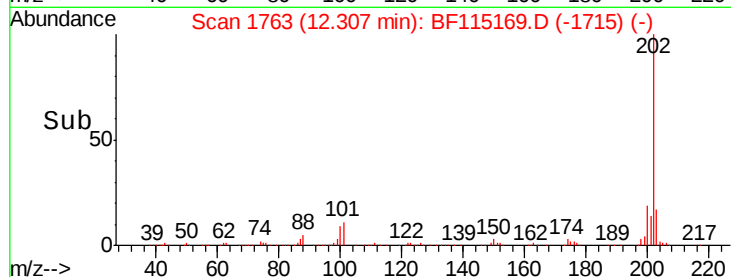
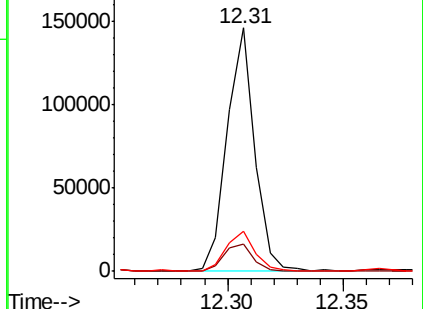
203 16.6 0.0 38.8



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# 2004

Delta R.T. -0.02 min

Lab File: BF115169.D

Acq: 25 Jun 2019 1:14

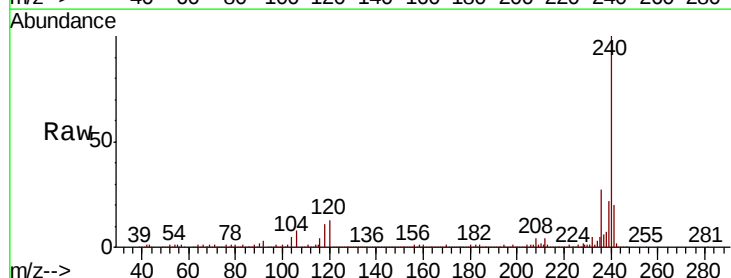
Tgt Ion:240 Resp: 827604

Ion Ratio Lower Upper

240 100

120 12.5 9.4 14.2

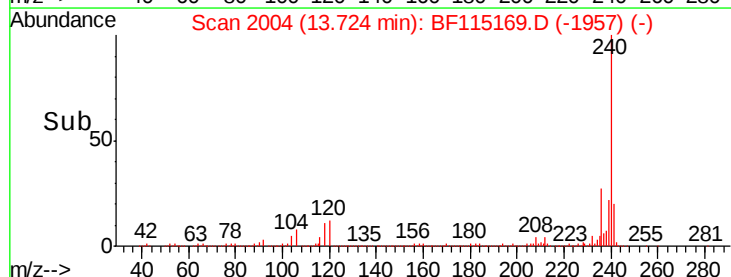
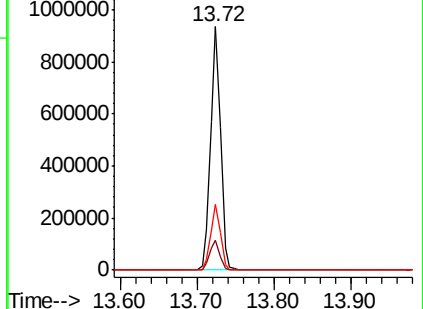
236 27.2 21.7 32.5

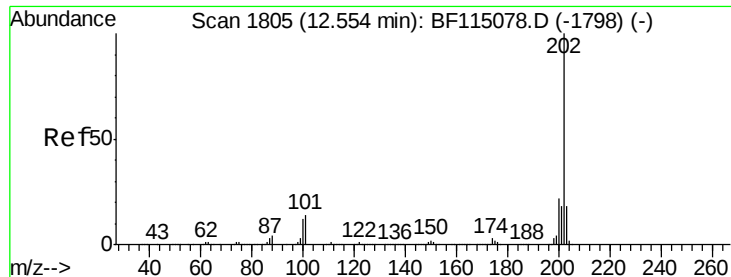


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

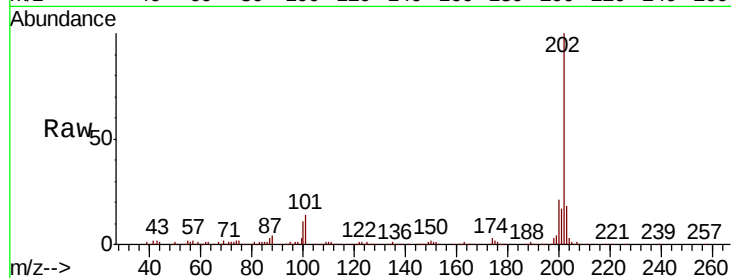




#78
Pvrene
Concen: 2.612 ng
RT: 12.53 min Scan# 1801
Delta R.T. -0.02 min
Lab File: BF115169.D
Acq: 25 Jun 2019 1:14

Instrument :
BNA_F
ClientSampleId :
B-7(9-10)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.9	26.9
203	18.3	14.6	21.8

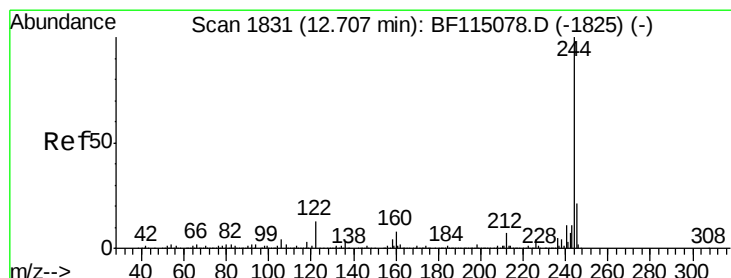
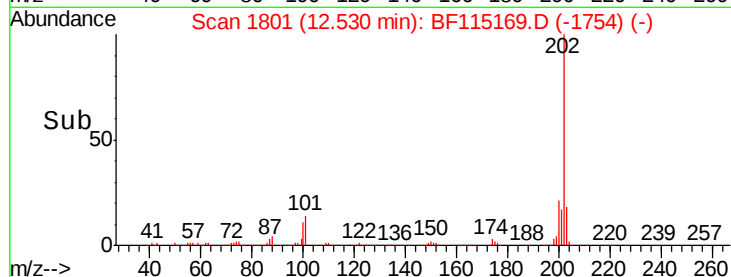
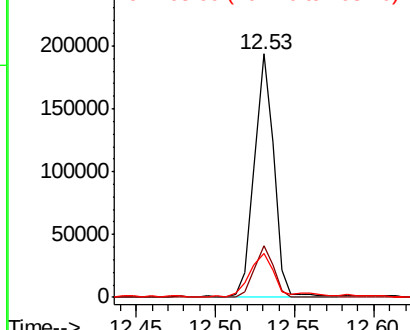


Abundance

Ion 202.00 (201.70 to 202.70): E

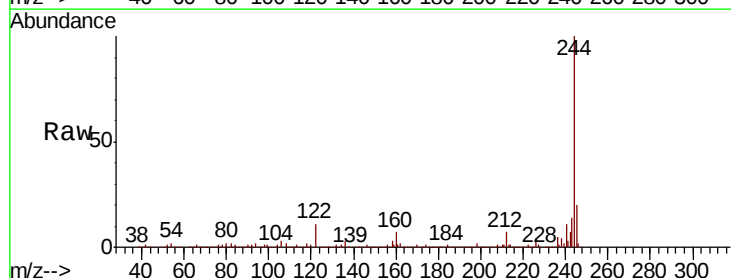
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79
Terphenyl-d14
Concen: 53.764 ng
RT: 12.69 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF115169.D
Acq: 25 Jun 2019 1:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	11.0	10.4	15.6

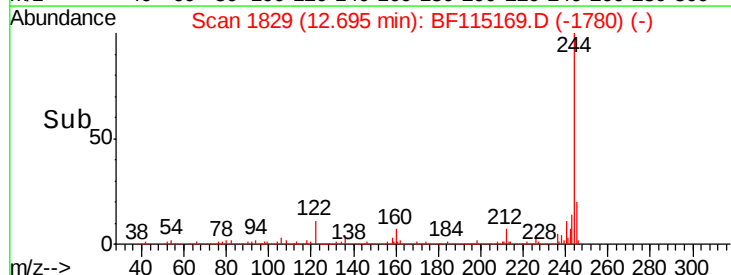
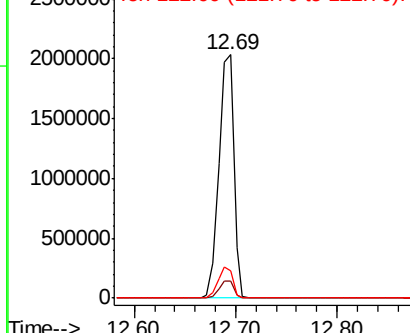


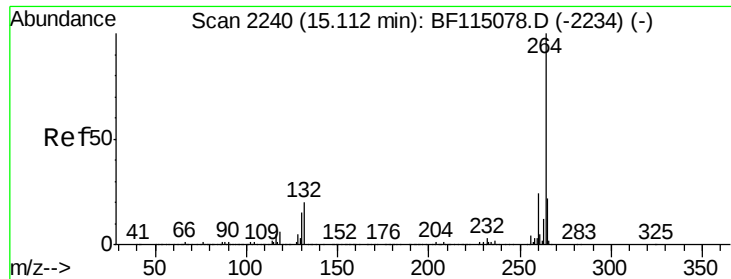
Abundance

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: 15.09 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF115169.D
 Acq: 25 Jun 2019 1:14

Instrument :
 BNA_F
 ClientSampleId :
 B-7(9-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	22.1	17.3	25.9

