

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
 Data File : BF115019.D
 Acq On : 13 Jun 2019 23:10
 Operator : HP/JU
 Sample : K3345-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01_061219

Quant Time: Jun 14 05:08:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 12 15:42:37 2019
 Response via : Initial Calibration

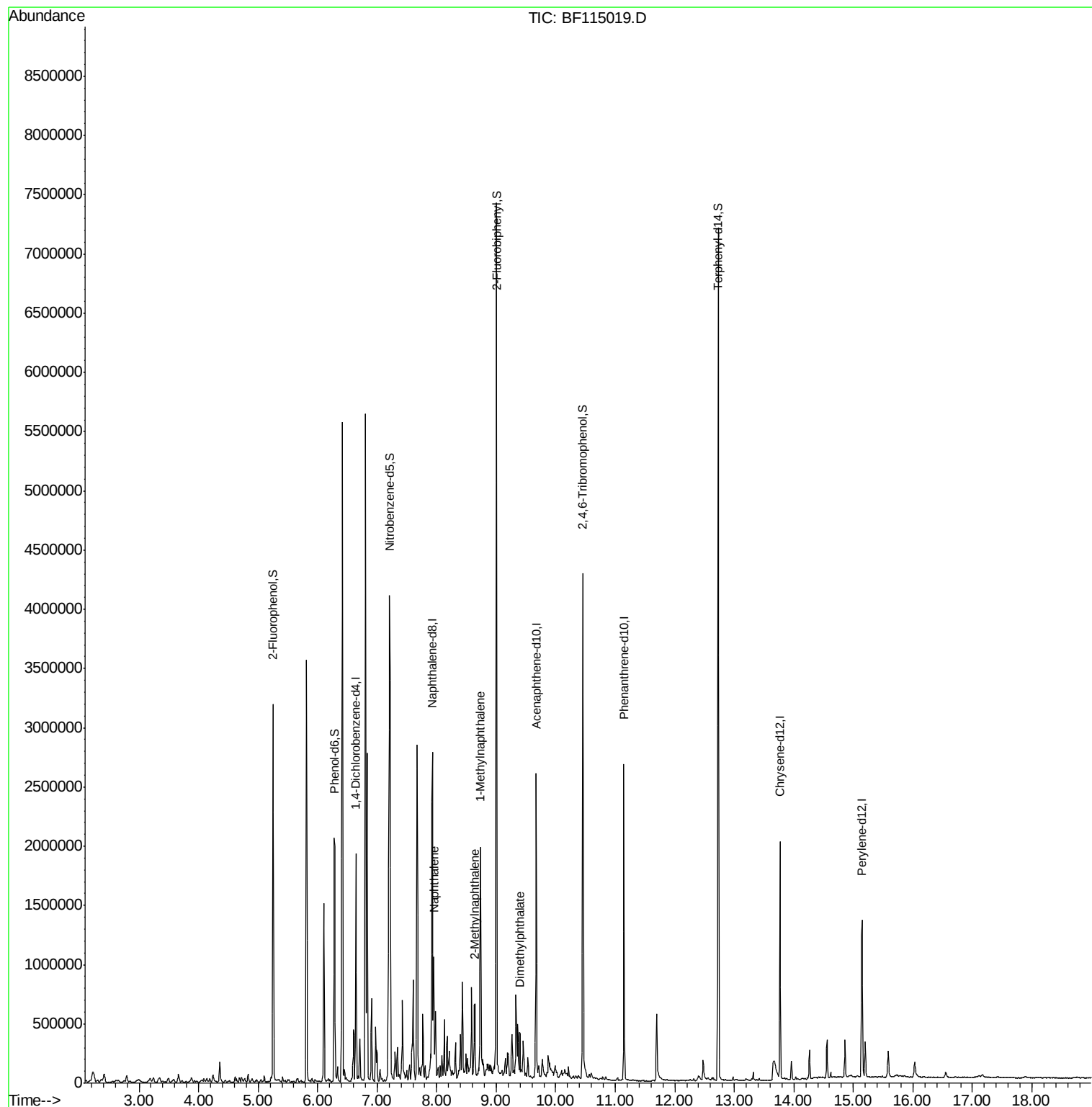
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	278681	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1052552	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	521682	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	955294	20.00	ng	-0.01
76) Chrysene-d12	13.77	240	611068	20.00	ng	-0.01
87) Perylene-d12	15.14	264	575231	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	951251	57.00	ng	0.00
7) Phenol-d6	6.28	99	771884	38.34	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1472438	84.20	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	603364	108.00	ng	-0.01
45) 2-Fluorobiphenyl	9.00	172	2655923	86.29	ng	0.00
79) Terphenyl-d14	12.73	244	2631931	81.01	ng	0.00
Target Compounds						
31) Naphthalene	7.95	128	388136	7.794	ng	99
37) 2-Methylnaphthalene	8.64	142	181692	5.470	ng	98
38) 1-Methylnaphthalene	8.73	142	530518	16.899	ng	100
50) Dimethylphthalate	9.40	163	162141	4.133	ng	98

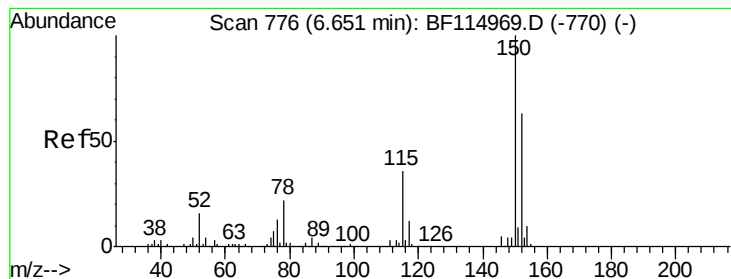
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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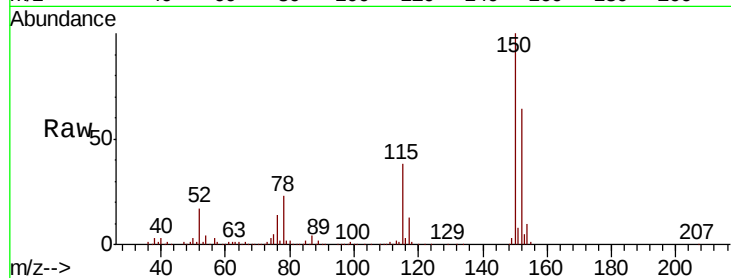


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Instrument :
BNA_F
ClientSampleId :
DUP-01_061219

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.4	191.0
115	60.4	46.0	69.0

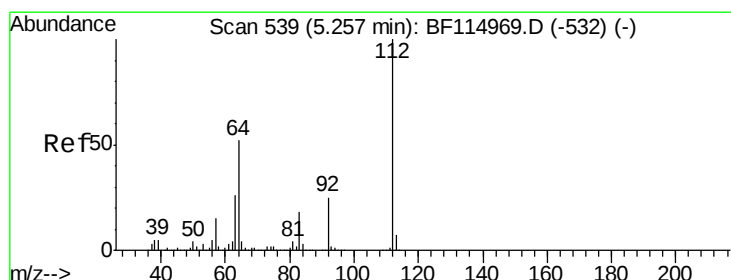
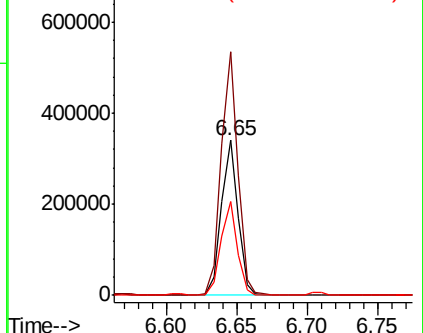
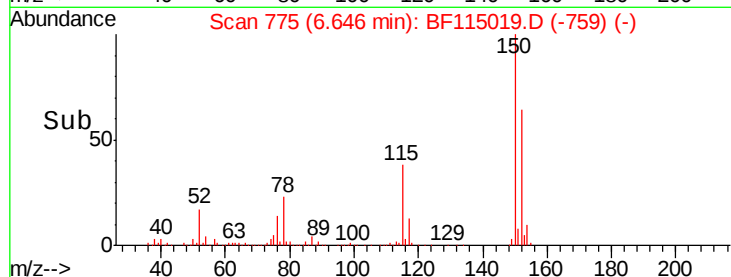


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

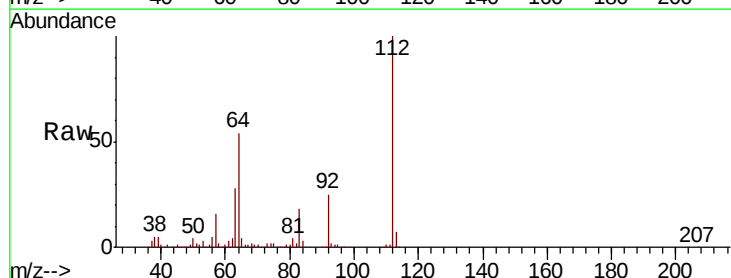
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 56.997 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	41.6	62.4
63	27.5	20.9	31.3

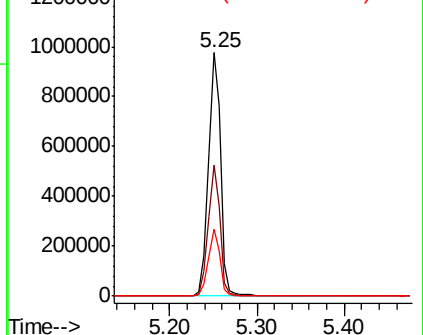
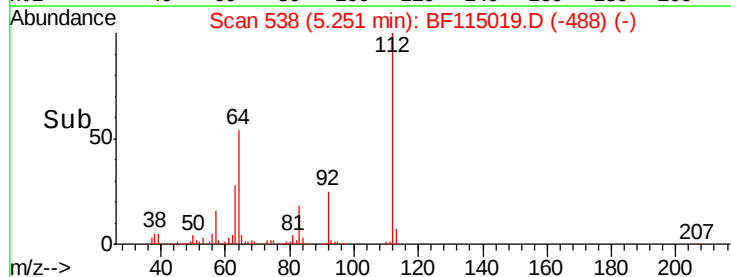


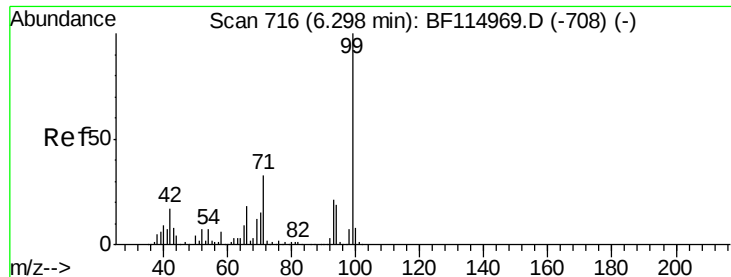
Abundance

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: 38.340 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BF115019.D

Acq: 13 Jun 2019 23:10

Instrument :

BNA_F

ClientSampleId :

DUP-01_061219

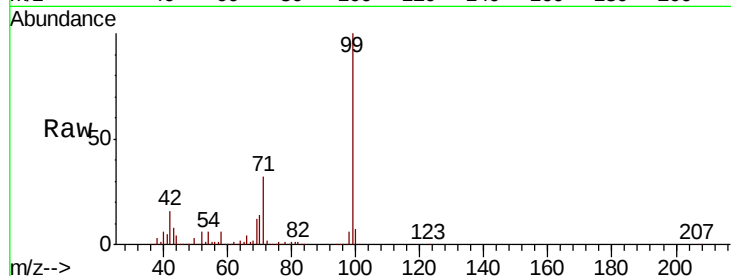
Tot Ion: 99 Resp: 771884

Ion Ratio Lower Upper

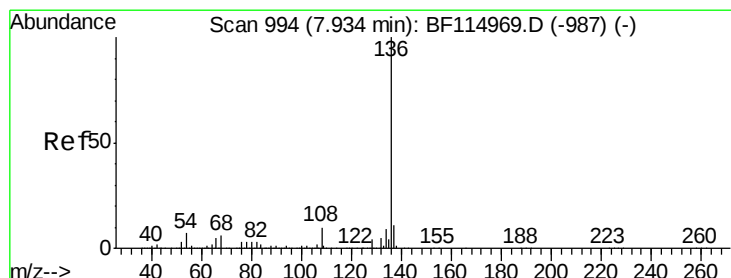
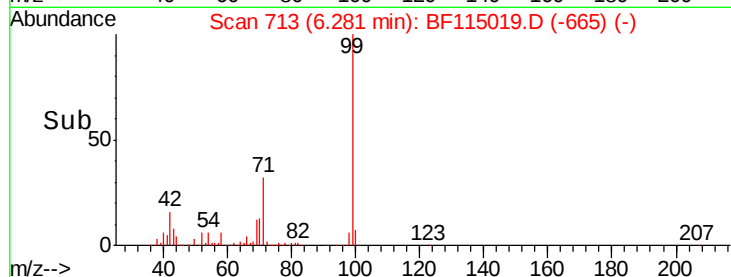
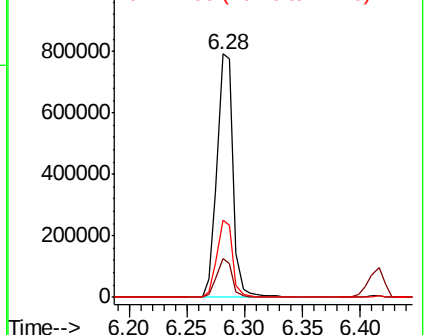
99 100

42 15.9 13.4 20.2

71 31.6 26.4 39.6



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: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF115019.D

Acq: 13 Jun 2019 23:10

Tgt Ion: 136 Resp: 1052552

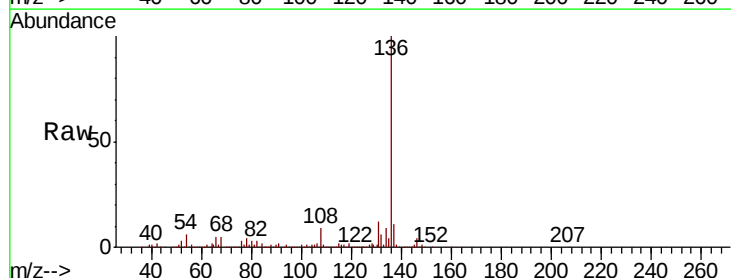
Ion Ratio Lower Upper

136 100

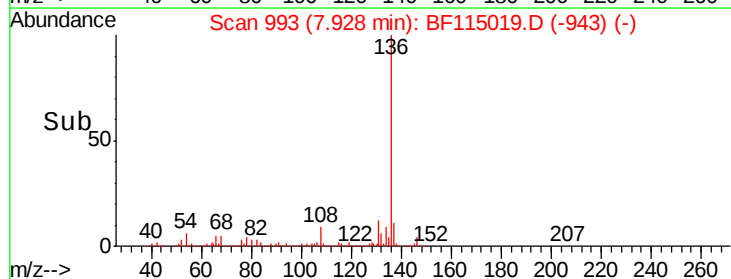
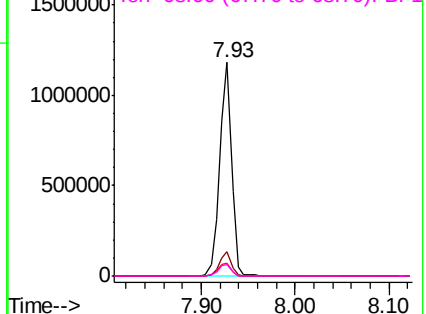
137 11.3 9.0 13.4

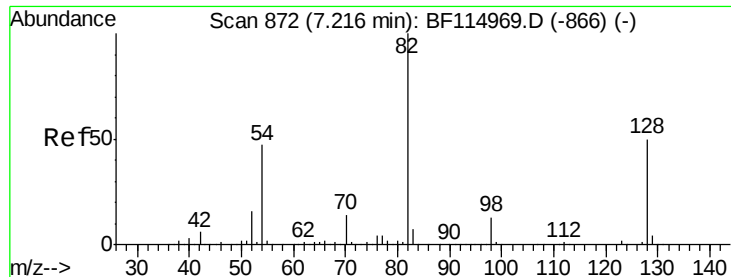
54 6.1 5.4 8.0

68 5.5 4.6 7.0



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

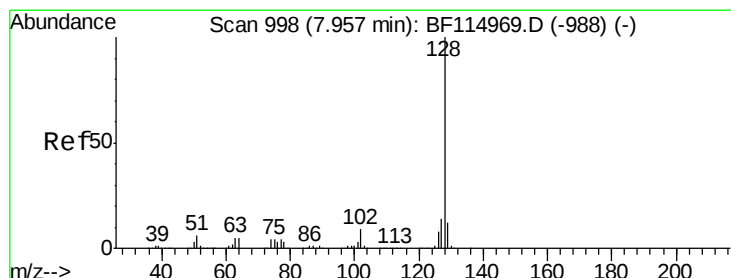
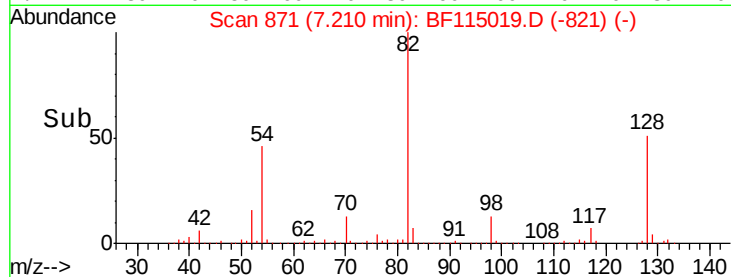
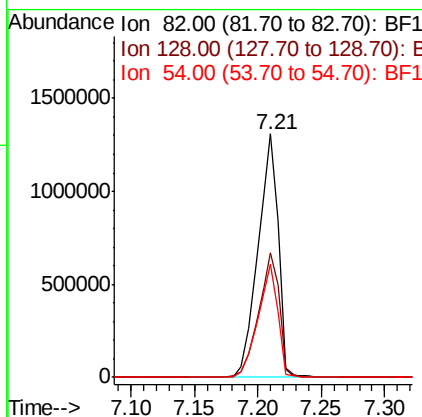
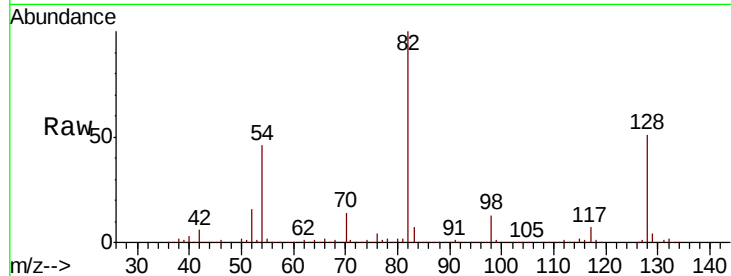




#23
 Nitrobenzene-d5
 Concen: 84.204 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF115019.D
 Acq: 13 Jun 2019 23:10

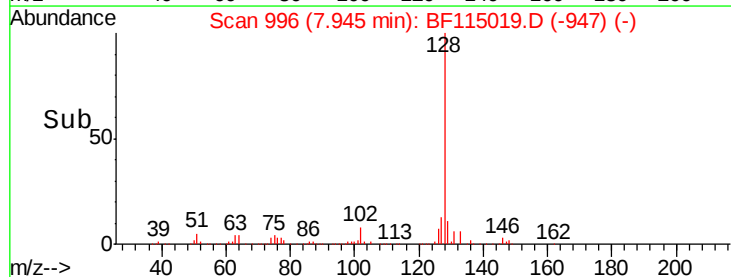
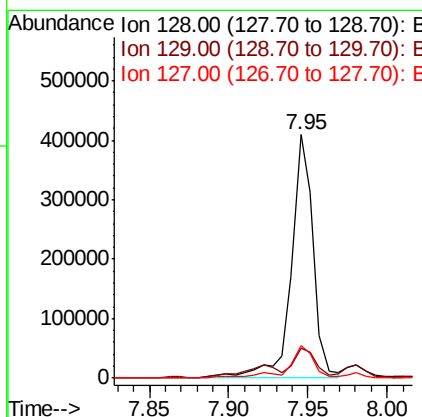
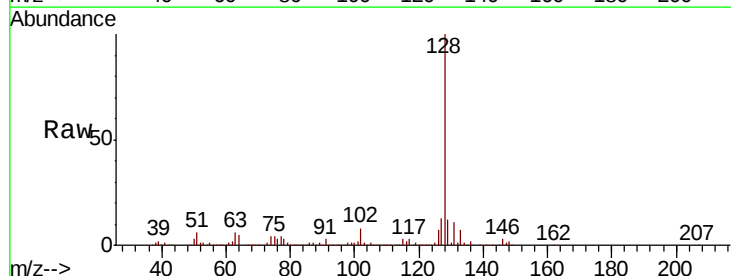
Instrument :
 BNA_F
 ClientSampleId :
 DUP-01_061219

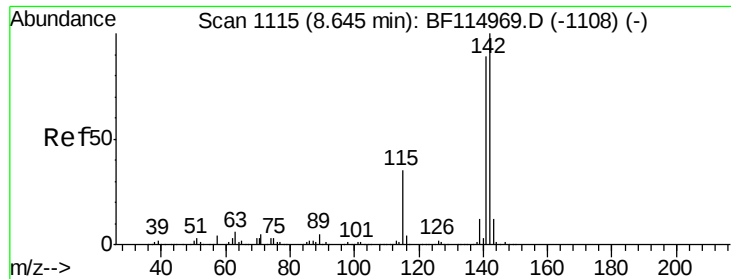
Tot Ion: 82 Resp: 1472438
 Ion Ratio Lower Upper
 82 100
 128 51.4 39.9 59.9
 54 46.5 37.3 55.9



#31
 Naphthalene
 Concen: 7.794 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF115019.D
 Acq: 13 Jun 2019 23:10

Tgt Ion: 128 Resp: 388136
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.5 14.3
 127 13.4 11.5 17.3

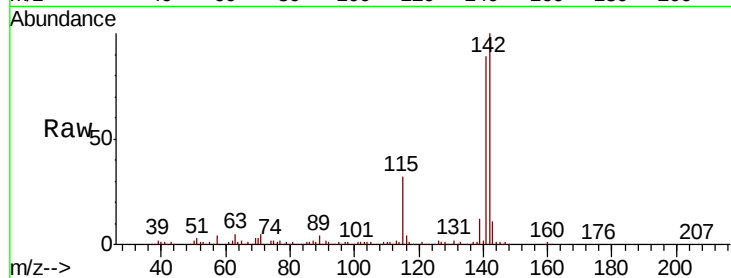




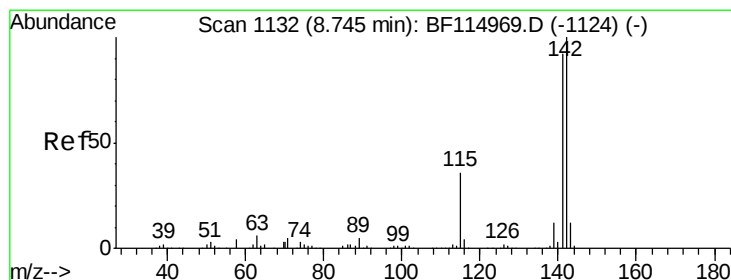
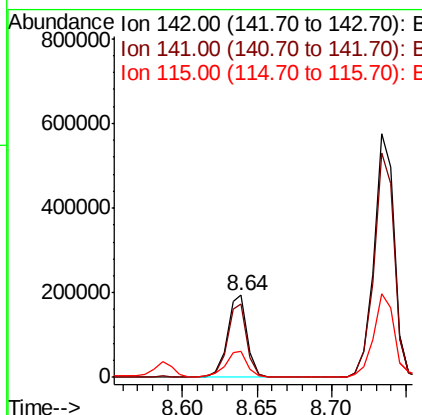
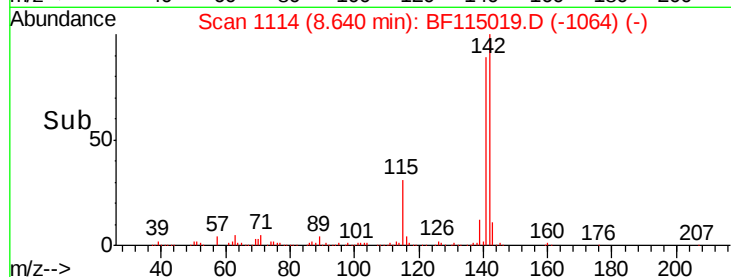
#37
2-Methylnaphthalene
Concen: 5.470 ng
RT: 8.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Instrument :
BNA_F
ClientSampleId :
DUP-01_061219

Tot Ion:142 Resp: 181692
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6
115 31.7 27.9 41.9

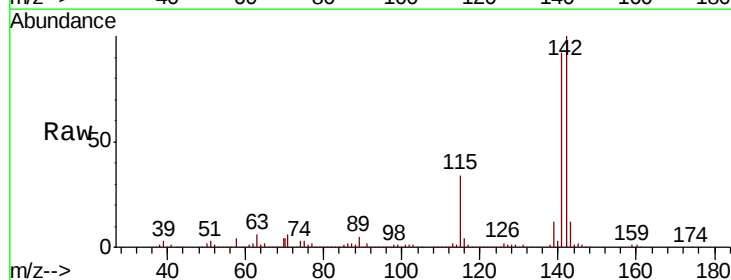


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

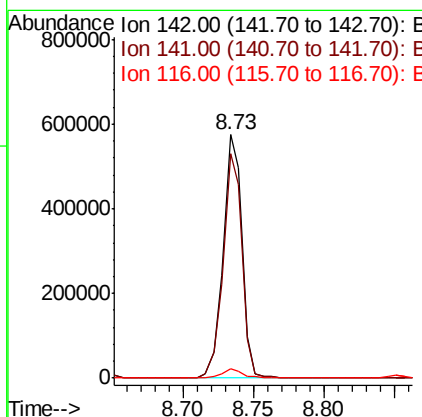
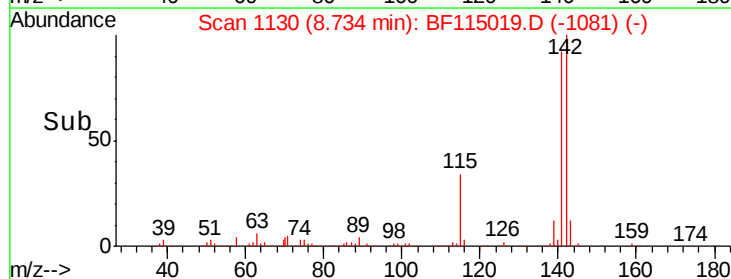


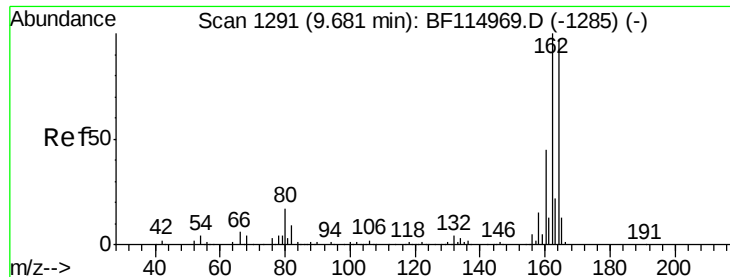
#38
1-Methylnaphthalene
Concen: 16.899 ng
RT: 8.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Tgt Ion:142 Resp: 530518
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.8
116 3.6 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

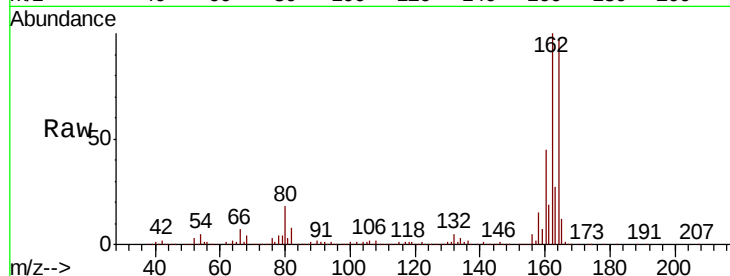




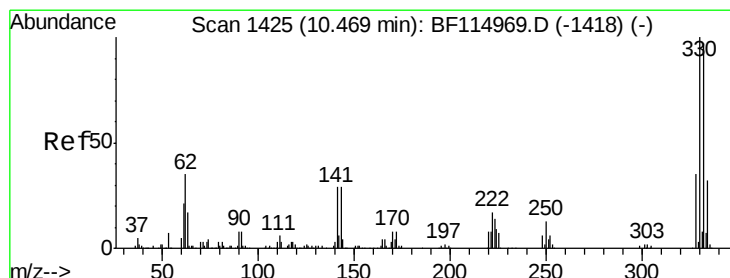
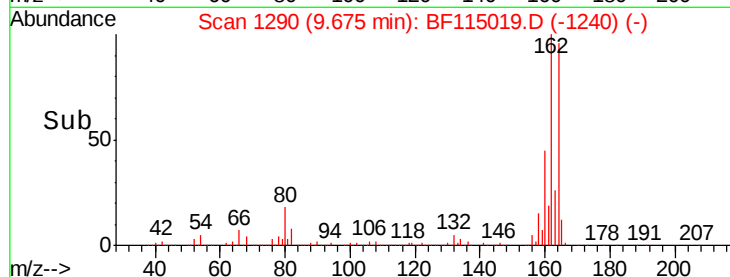
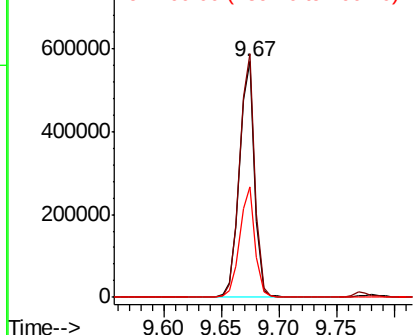
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF115019.D
 Acq: 13 Jun 2019 23:10

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01_061219

Tot Ion:	164	Resp:	521682
Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	124.0
160	46.7	36.9	55.3

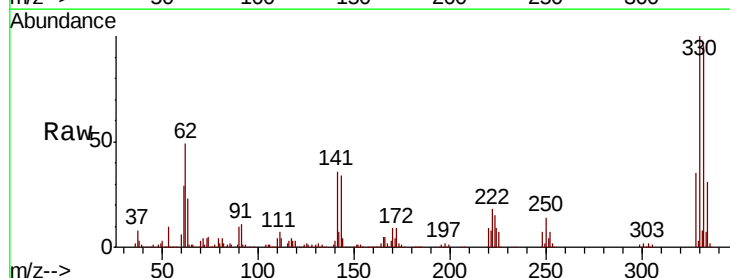


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

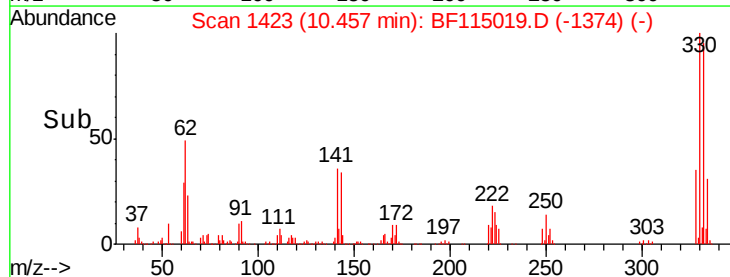
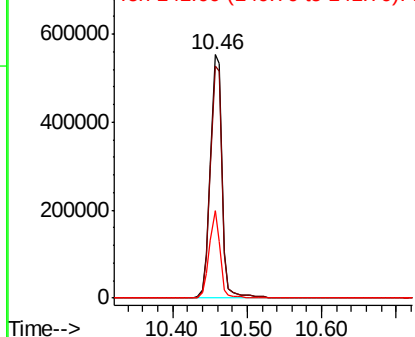


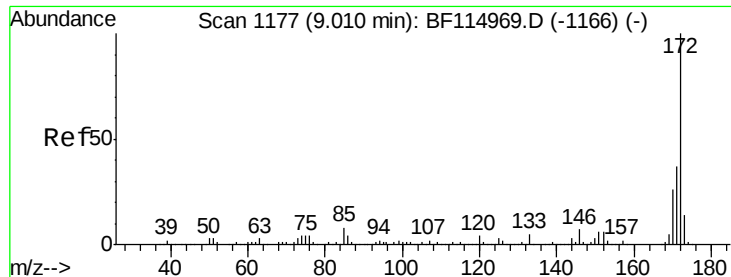
#42
 2,4,6-Tribromophenol
 Concen: 108.004 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF115019.D
 Acq: 13 Jun 2019 23:10

Tgt Ion:	330	Resp:	603364
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	33.5	27.2	40.8



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

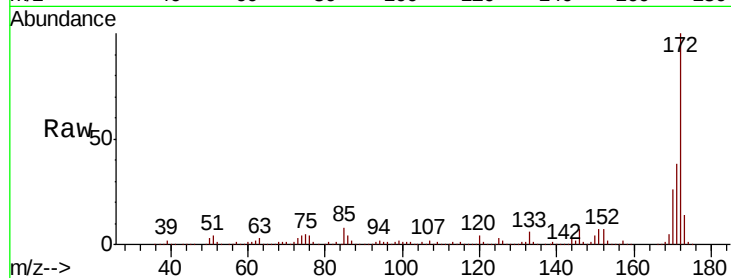




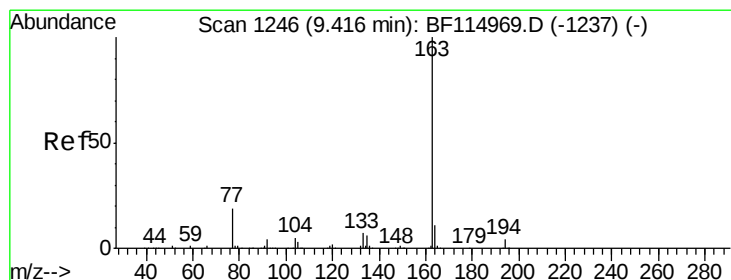
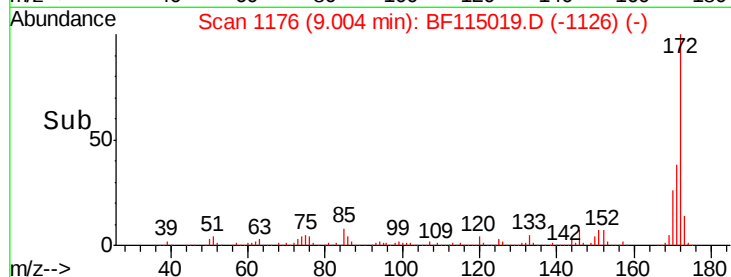
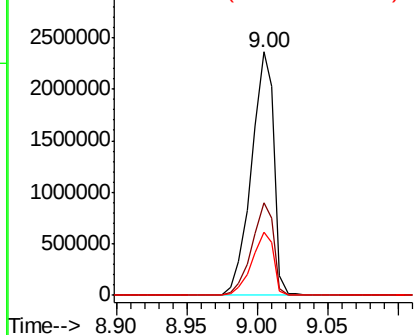
#45
2-Fluorobiphenyl
Concen: 86.285 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Instrument :
BNA_F
ClientSampleId :
DUP-01_061219

Tot Ion:172 Resp: 2655923
Ion Ratio Lower Upper
172 100
171 38.2 29.8 44.6
170 26.0 20.6 31.0

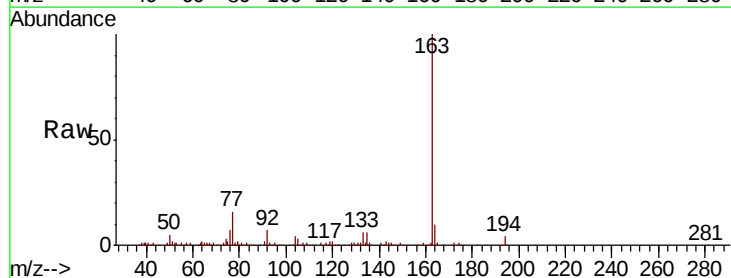


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

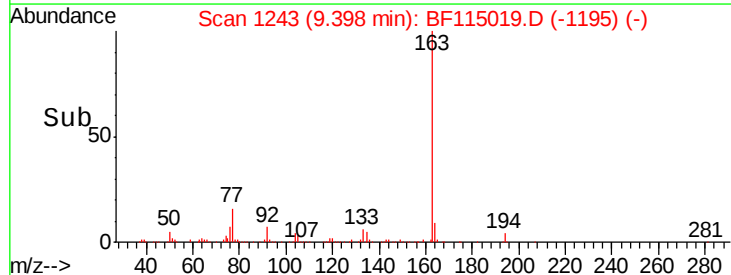
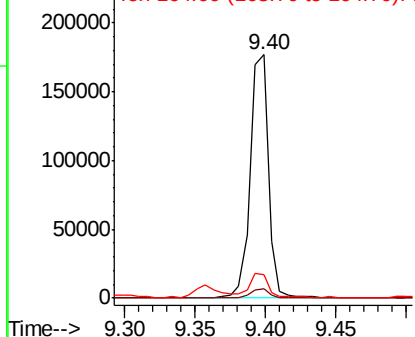


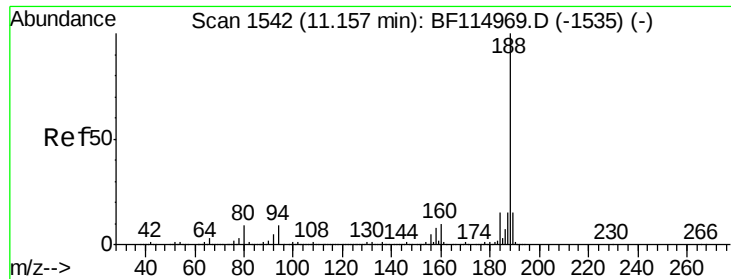
#50
Dimethylphthalate
Concen: 4.133 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF115019.D
Acq: 13 Jun 2019 23:10

Tgt Ion:163 Resp: 162141
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.5 8.6 12.8



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: 11.15 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BF115019.D

Acq: 13 Jun 2019 23:10

Instrument :

BNA_F

ClientSampled :

DUP-01_061219

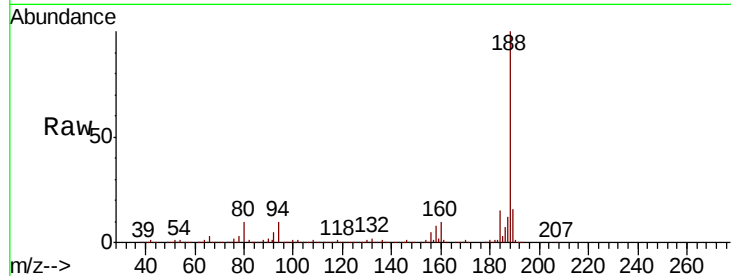
Tot Ion:188 Resp: 955294

Ion Ratio Lower Upper

188 100

94 10.0 7.2 10.8

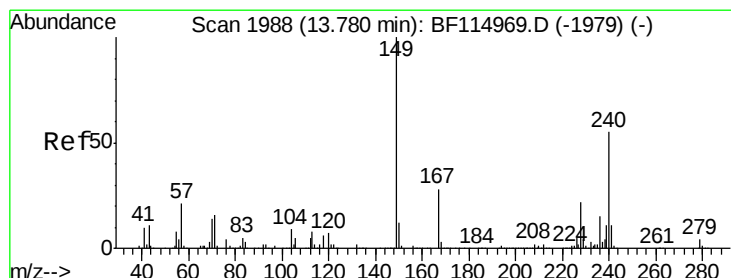
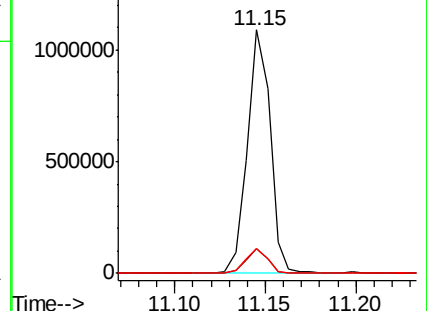
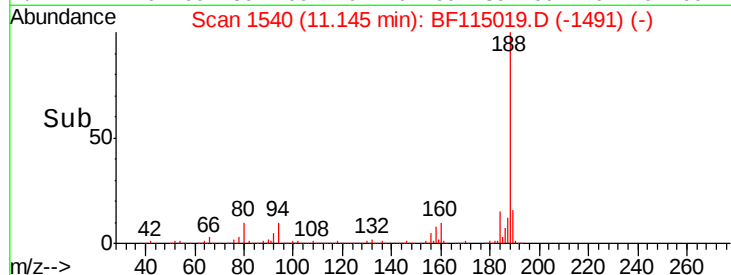
80 10.4 7.4 11.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF115019.D

Acq: 13 Jun 2019 23:10

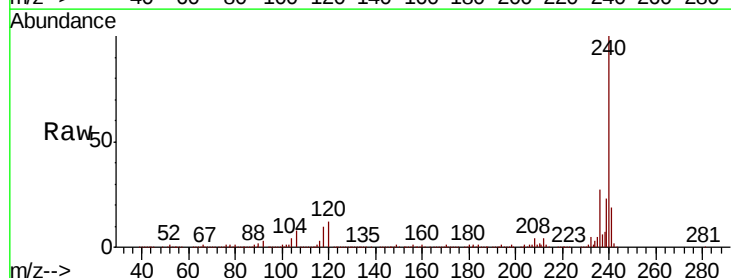
Tgt Ion:240 Resp: 611068

Ion Ratio Lower Upper

240 100

120 11.9 10.0 15.0

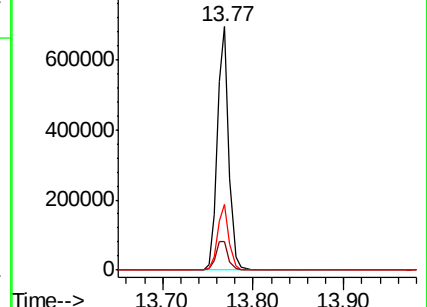
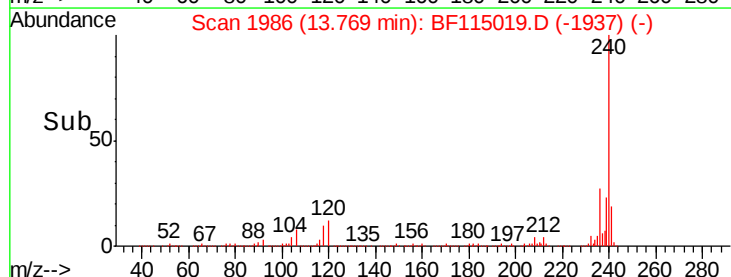
236 26.9 21.6 32.4

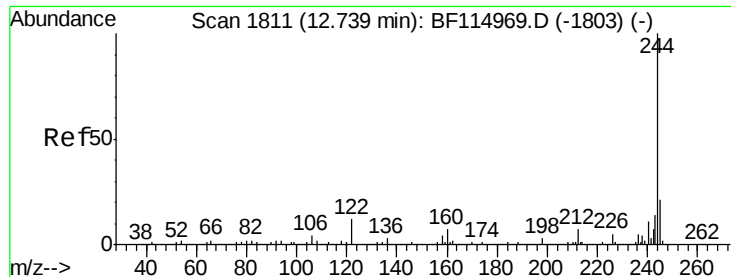


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



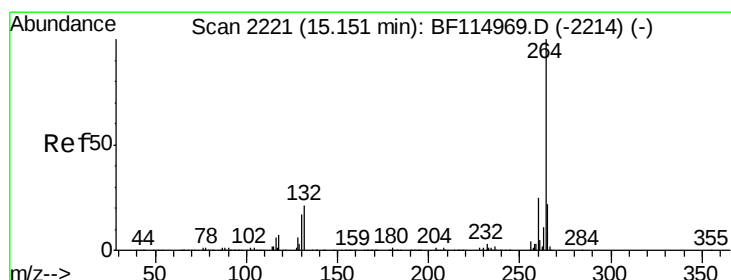
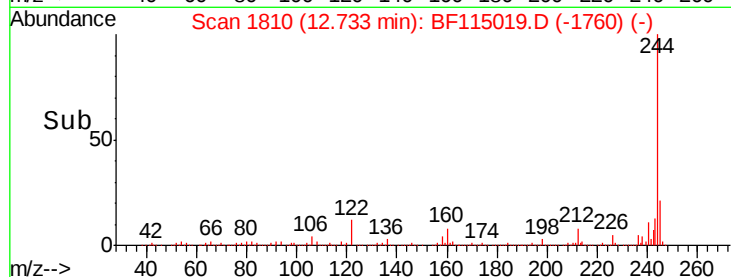
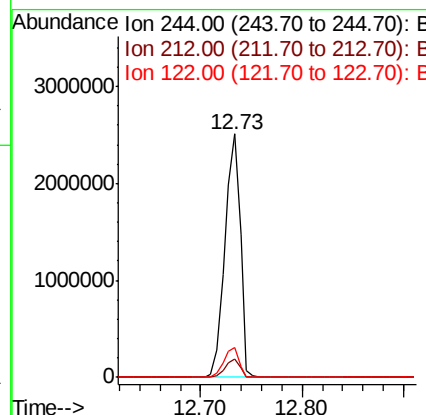
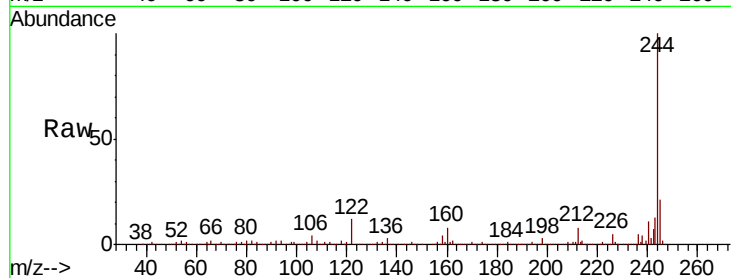


#79
 Terphenyl-d14
 Concen: 81.011 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF115019.D
 Acq: 13 Jun 2019 23:10

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01_061219

Tot Ion:244 Resp: 2631931

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	12.5	9.4	14.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF115019.D
 Acq: 13 Jun 2019 23:10

Tgt Ion:264 Resp: 575231

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.4	17.6	26.4

