

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
 Data File : BF113067.D
 Acq On : 15 Mar 2019 15:53
 Operator : JU/SJ
 Sample : K1905-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3483

Quant Time: Mar 15 23:27:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

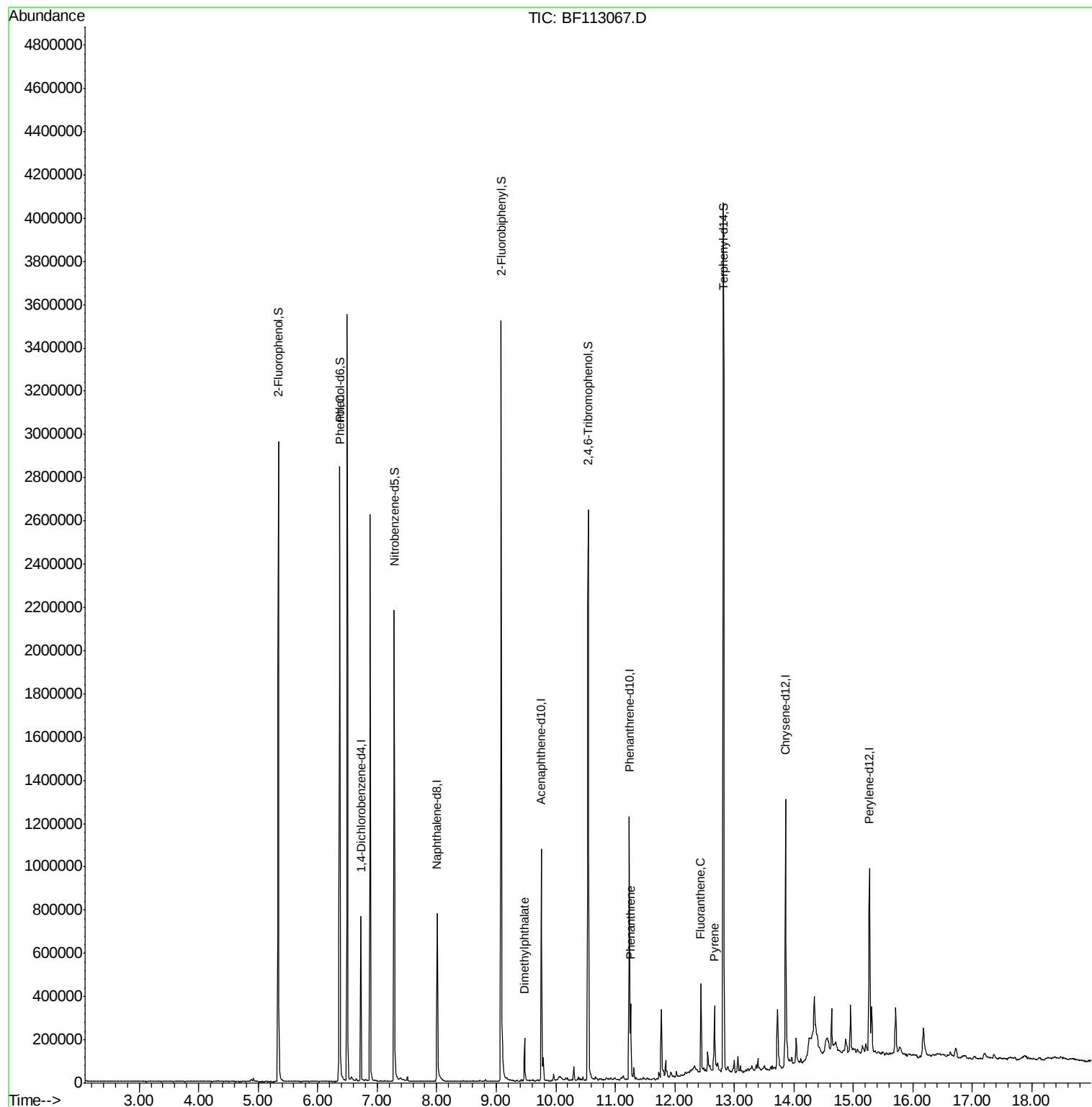
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	118520	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	439670	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	223826	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	462001	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	442258	20.00	ng	0.00
87) Perylene-d12	15.27	264	416983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	878381	115.29	ng	0.00
7) Phenol-d6	6.37	99	1144911	119.62	ng	0.00
23) Nitrobenzene-d5	7.29	82	666732	90.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	381518	160.56	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1265267	97.38	ng	-0.01
79) Terphenyl-d14	12.82	244	1500853	65.79	ng	0.00
Target Compounds						
10) Phenol	6.38	94	22652	2.028	ng	88
50) Dimethylphthalate	9.47	163	88013	5.333	ng	99
71) Phenanthrene	11.26	178	115179	5.011	ng	98
75) Fluoranthene	12.44	202	170664	6.930	ng	96
78) Pyrene	12.67	202	125927	3.378	ng	97

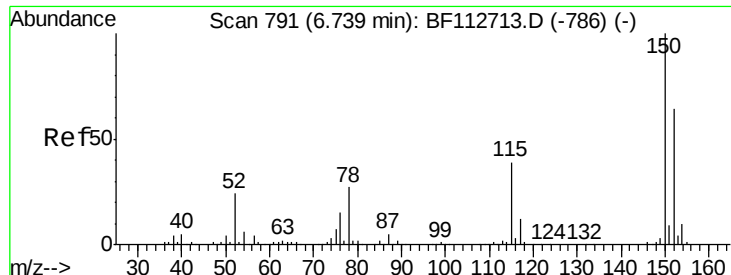
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.01 min

Lab File: BF113067.D

Acq: 15 Mar 2019 15:53

Instrument :

BNA_F

ClientSampleId :

RT-3483

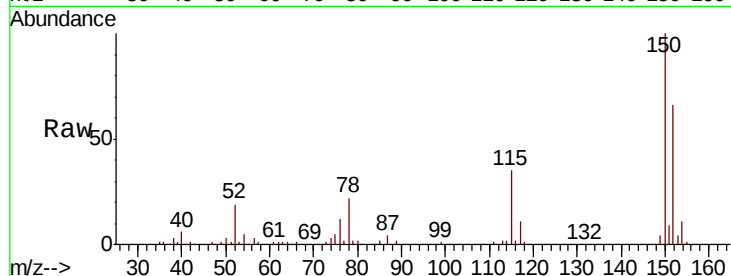
Tot Ion:152 Resp: 118520

Ion Ratio Lower Upper

152 100

150 151.8 124.2 186.2

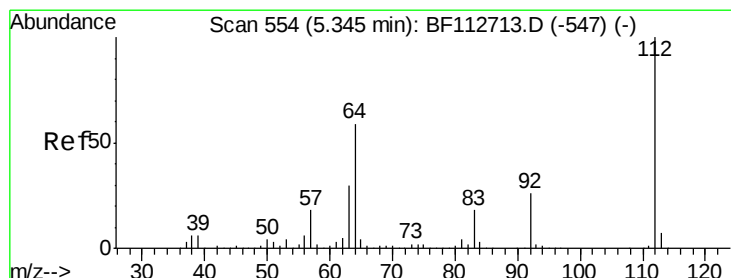
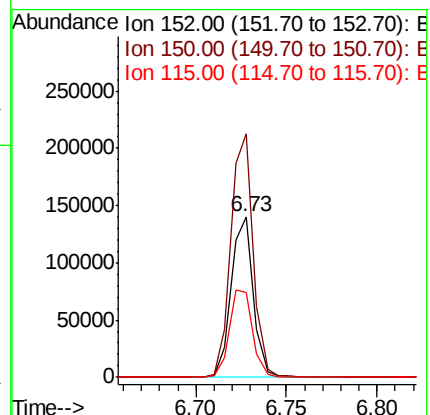
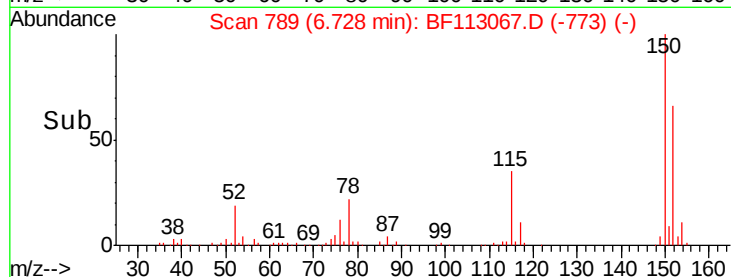
115 52.6 48.2 72.4



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: 115.285 ng

RT: 5.34 min Scan# 553

Delta R.T. -0.01 min

Lab File: BF113067.D

Acq: 15 Mar 2019 15:53

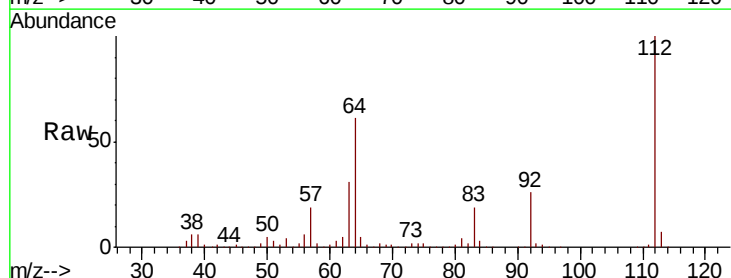
Tgt Ion:112 Resp: 878381

Ion Ratio Lower Upper

112 100

64 60.8 47.6 71.4

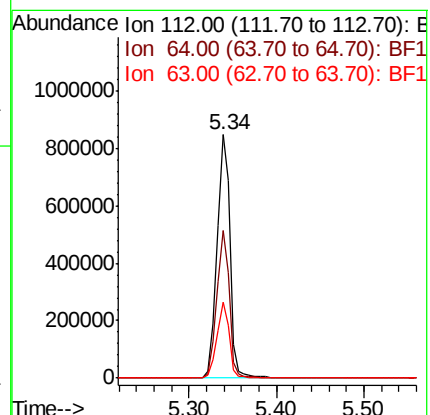
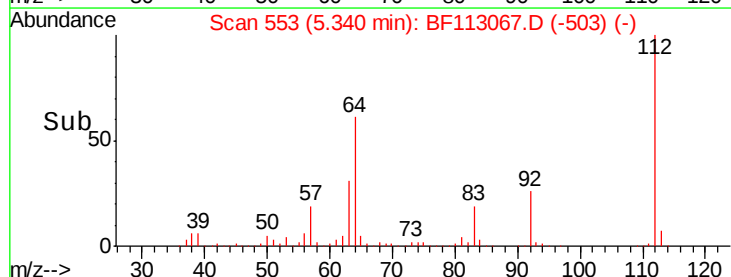
63 31.2 24.4 36.6



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: 119.623 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113067.D

Acq: 15 Mar 2019 15:53

Instrument :

BNA_F

ClientSampleId :

RT-3483

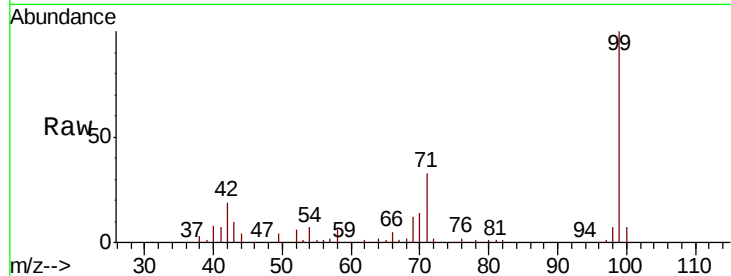
Tot Ion: 99 Resp: 1144911

Ion Ratio Lower Upper

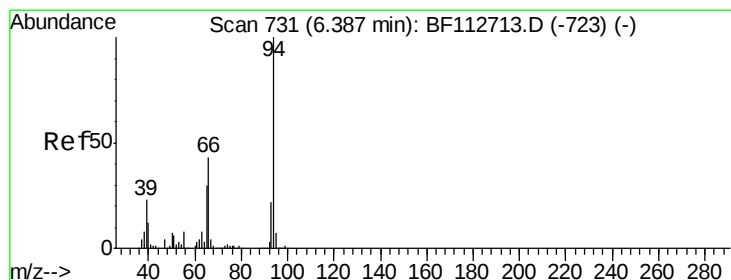
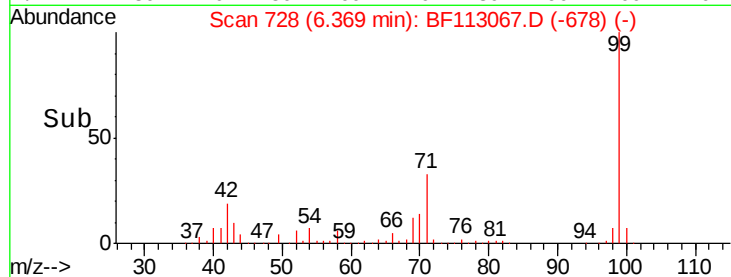
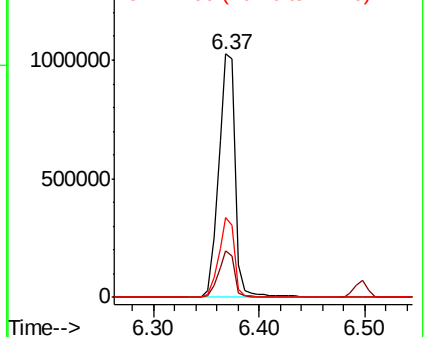
99 100

42 19.0 16.3 24.5

71 32.6 26.2 39.4



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



#10

Phenol

Concen: 2.028 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF113067.D

Acq: 15 Mar 2019 15:53

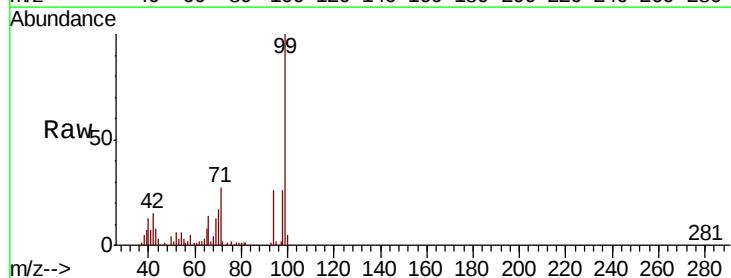
Tgt Ion: 94 Resp: 22652

Ion Ratio Lower Upper

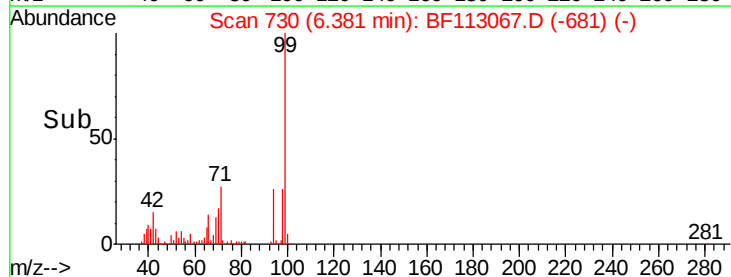
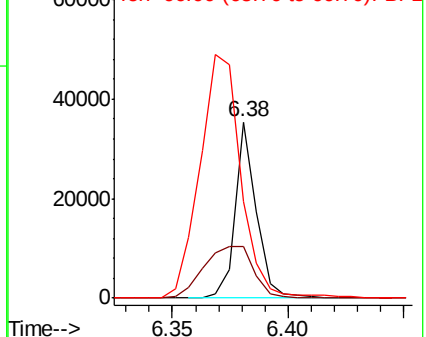
94 100

65 29.4 10.5 50.5

66 54.5 22.6 62.6



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

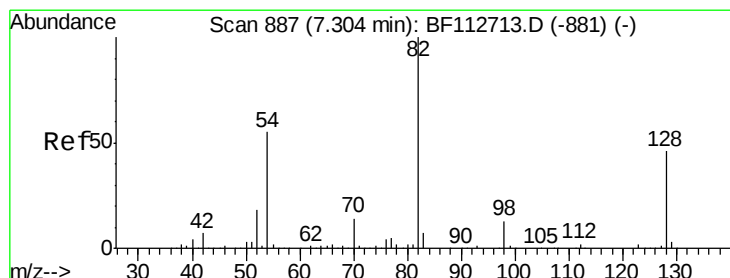
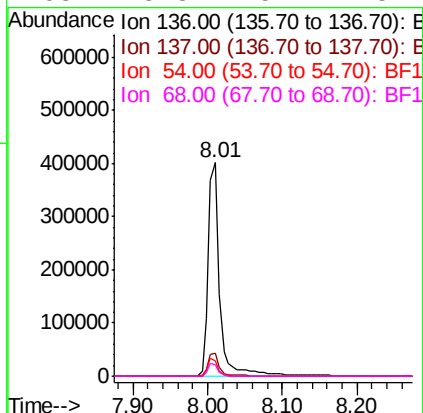
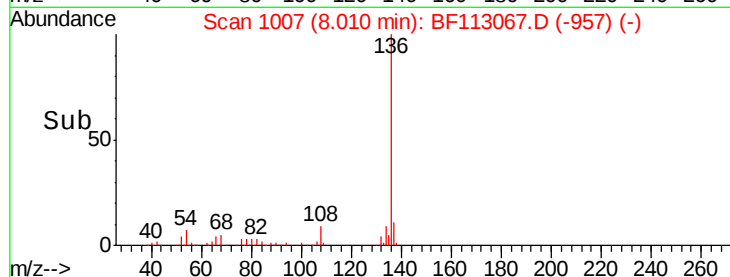
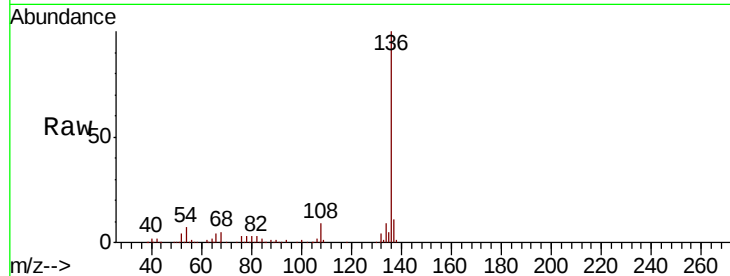




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

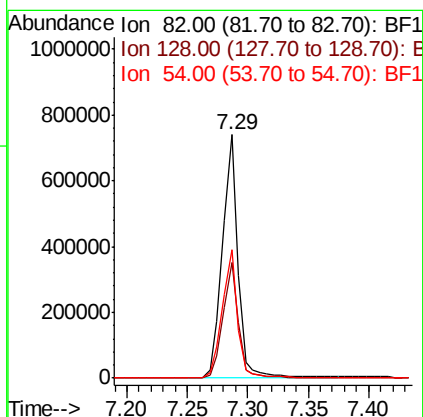
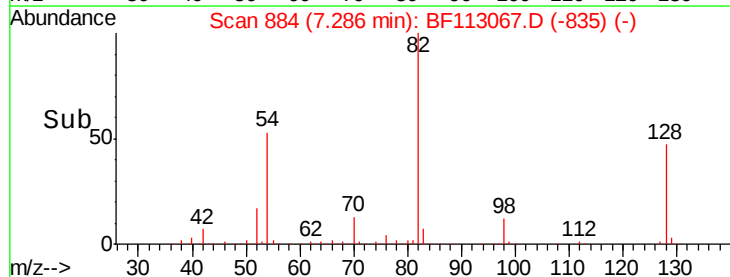
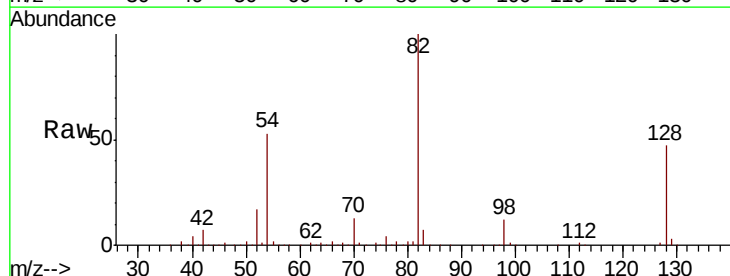
Instrument :
BNA_F
ClientSampleId :
RT-3483

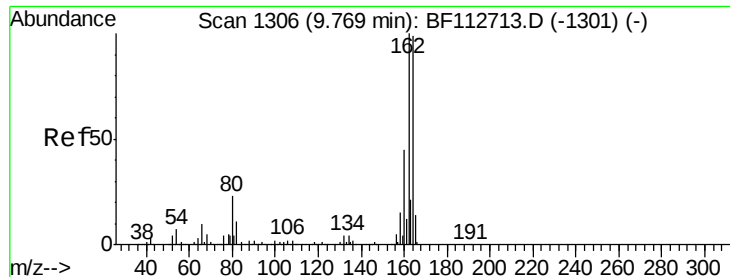
Tot Ion:136	Resp:	439670
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.4	7.3 10.9
68	5.3	5.4 8.2#



#23
Nitrobenzene-d5
Concen: 90.740 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

Tgt Ion: 82	Resp:	666732
Ion Ratio	Lower	Upper
82	100	
128	47.5	36.3 54.5
54	52.5	43.7 65.5

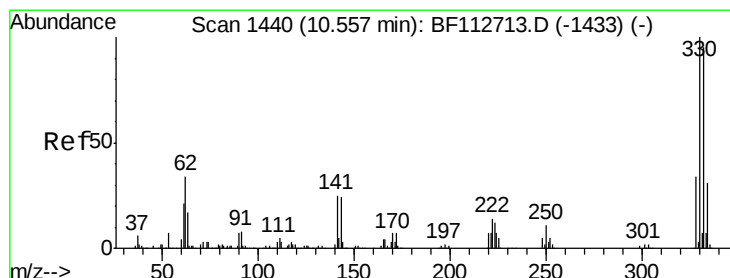
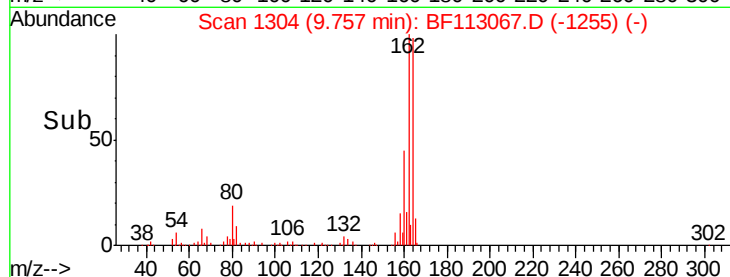
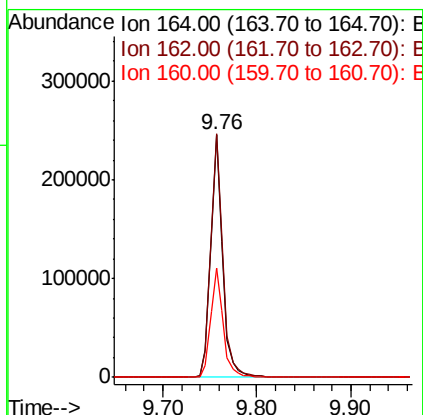
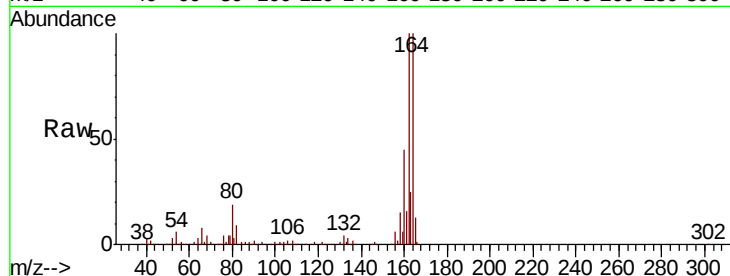




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

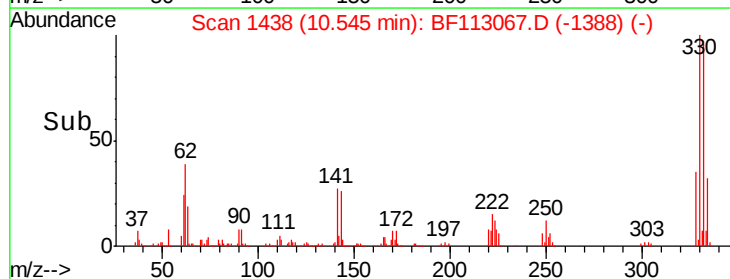
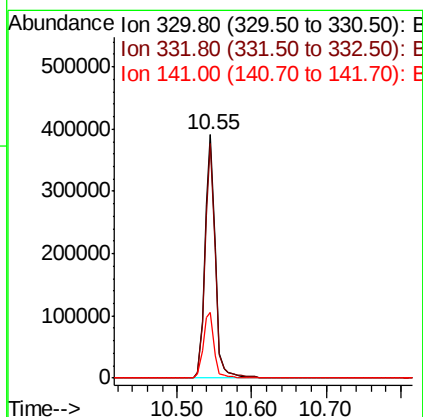
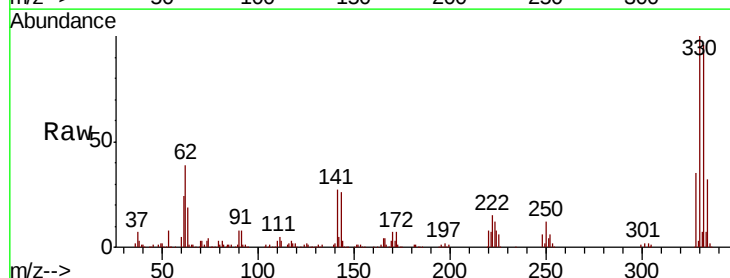
Instrument :
BNA_F
ClientSampleId :
RT-3483

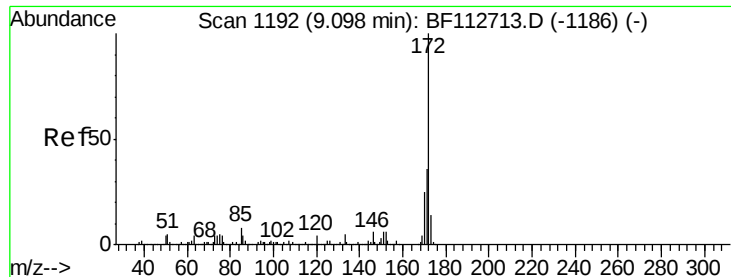
Tot Ion:164 Resp: 223826
Ion Ratio Lower Upper
164 100
162 100.3 80.6 120.8
160 45.1 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 160.558 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

Tgt Ion:330 Resp: 381518
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 28.5 27.0 40.6



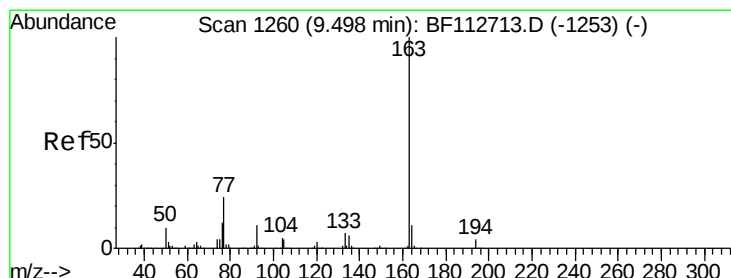
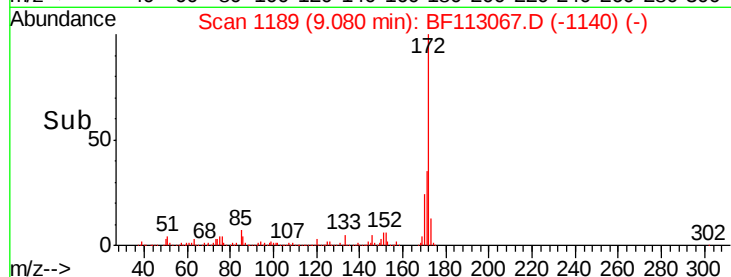
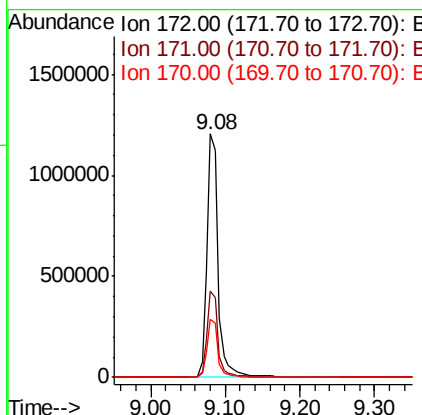
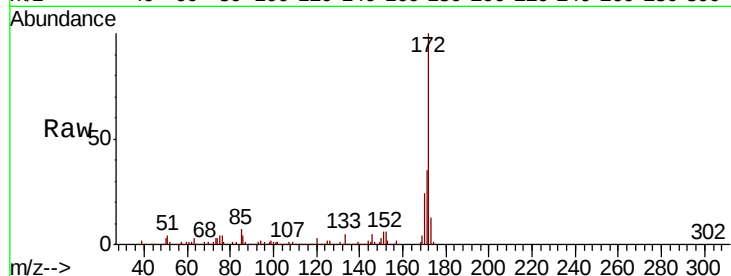


#45
 2-Fluorobiphenyl
 Concen: 97.383 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113067.D
 Acq: 15 Mar 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 RT-3483

Tot Ion:172 Resp: 1265267

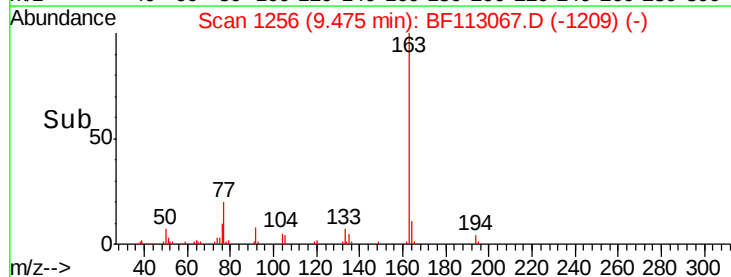
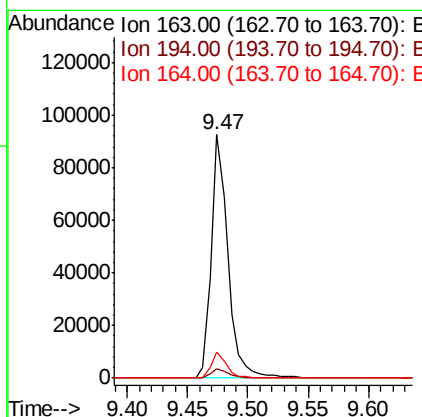
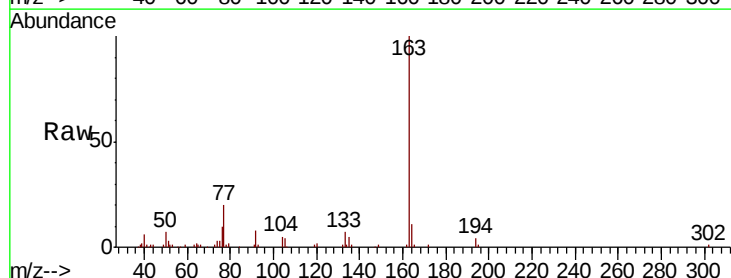
Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.4
170	24.1	20.0	30.0

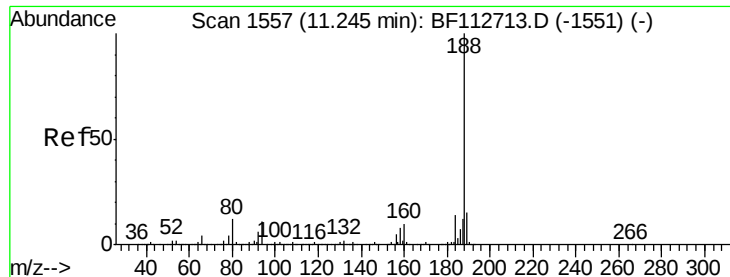


#50
 Dimethylphthalate
 Concen: 5.333 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.02 min
 Lab File: BF113067.D
 Acq: 15 Mar 2019 15:53

Tgt Ion:163 Resp: 88013

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.8	8.4	12.6

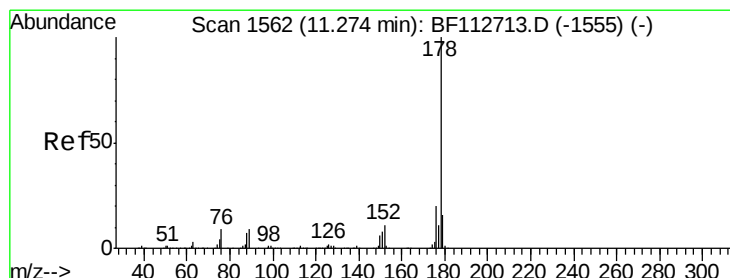
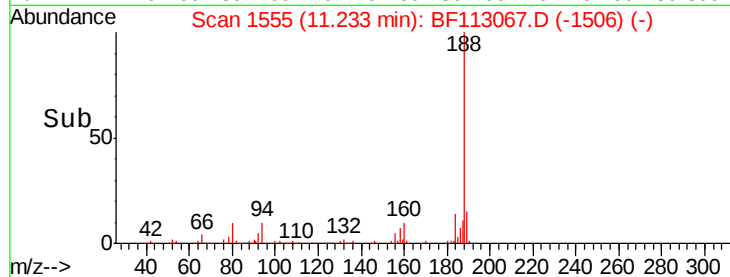
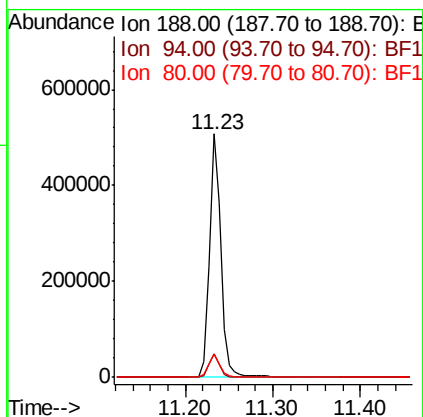
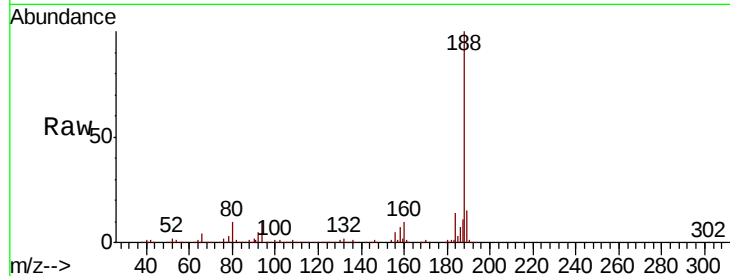




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

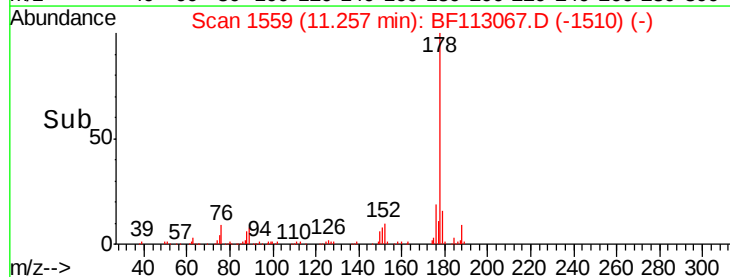
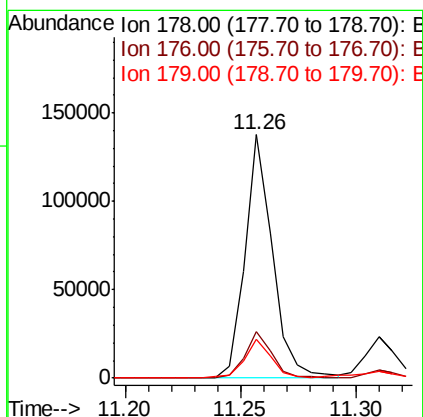
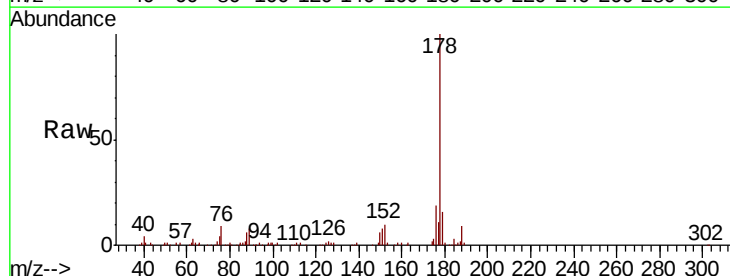
Instrument :
BNA_F
ClientSampleId :
RT-3483

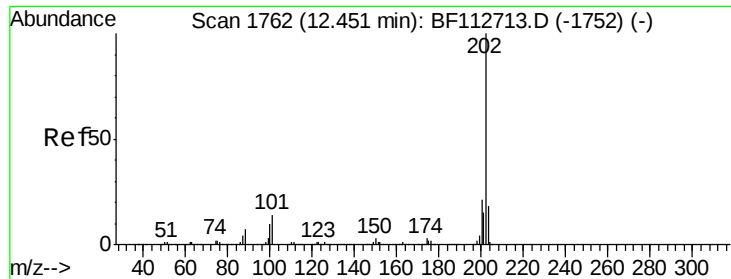
Tot Ion:188 Resp: 462001
Ion Ratio Lower Upper
188 100
94 9.8 9.0 13.4
80 9.7 9.2 13.8



#71
Phenanthrene
Concen: 5.011 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

Tgt Ion:178 Resp: 115179
Ion Ratio Lower Upper
178 100
176 18.9 16.3 24.5
179 15.7 12.7 19.1

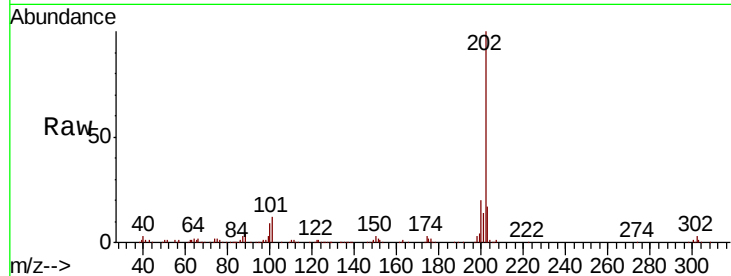




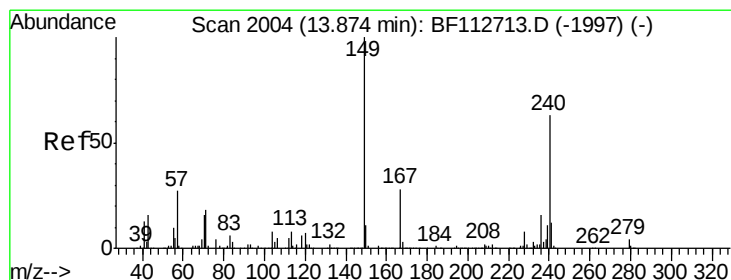
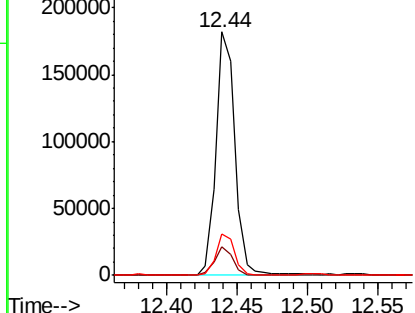
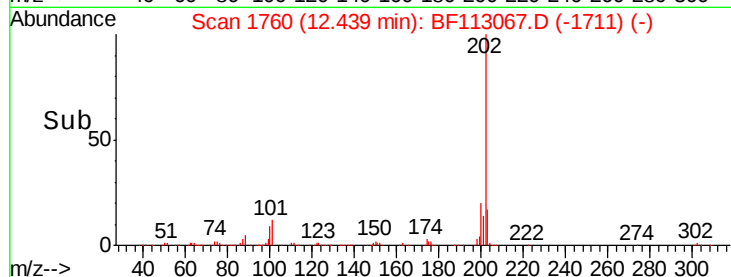
#75
Fluoranthene
Concen: 6.930 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

Instrument :
BNA_F
ClientSampleID :
RT-3483

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.8
203	16.9	0.0	38.4

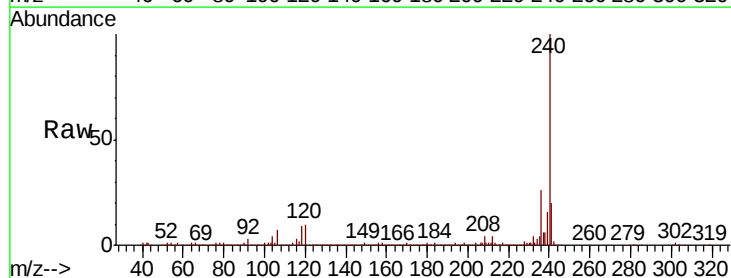


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

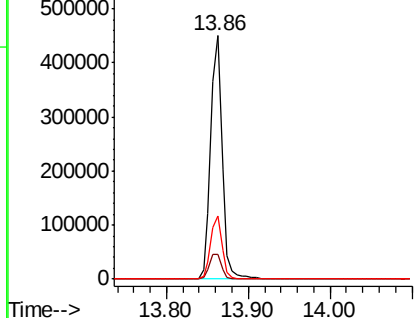
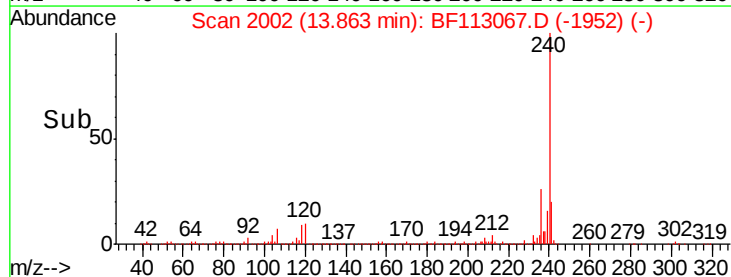


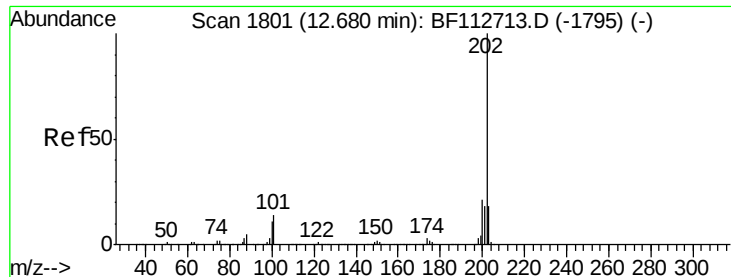
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.9	13.3
236	25.7	20.7	31.1



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

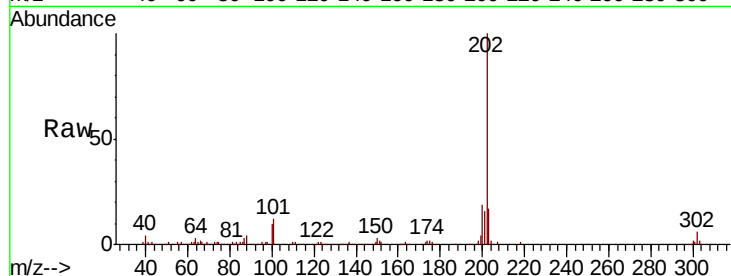




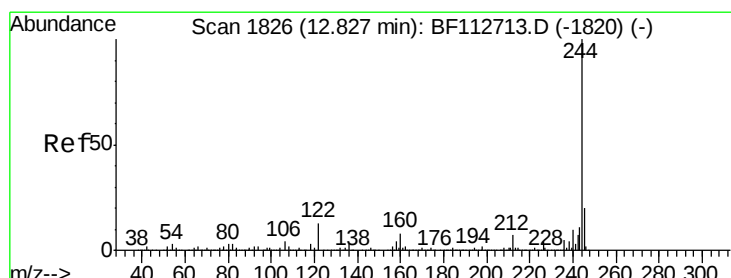
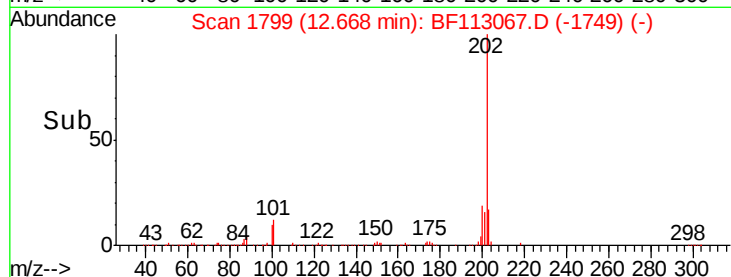
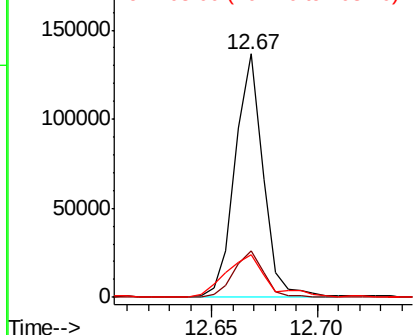
#78
Pvrene
Concen: 3.378 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

Instrument :
BNA_F
ClientSampleId :
RT-3483

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.1	17.0	25.4
203	17.3	14.4	21.6

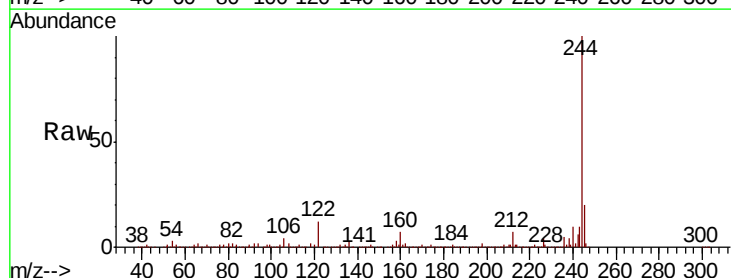


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

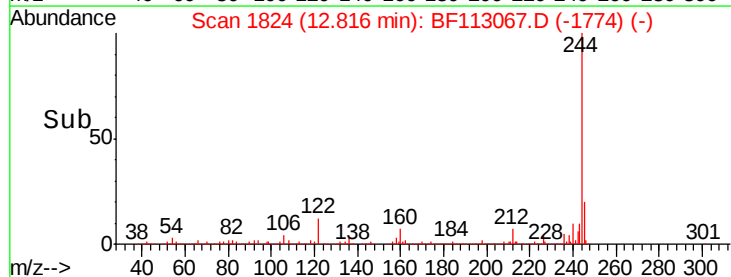
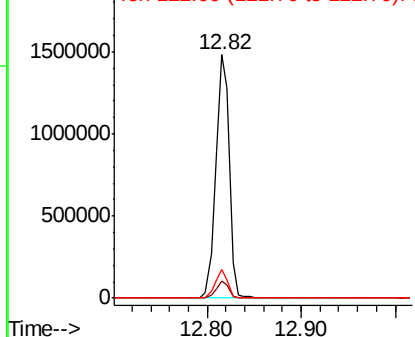


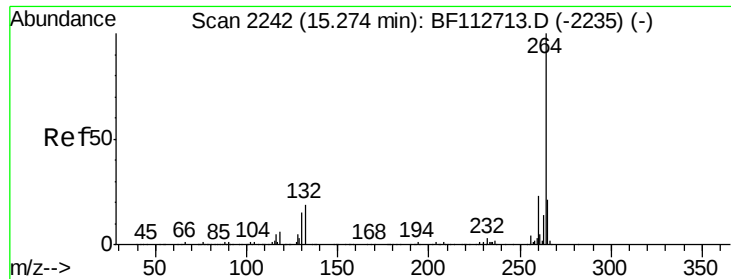
#79
Terphenyl-d14
Concen: 65.785 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113067.D
Acq: 15 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.8	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: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF113067.D
 Acq: 15 Mar 2019 15:53

Instrument :
 BNA_F
 ClientSampleId :
 RT-3483

Tot Ion: 264 Resp: 416983
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.4 17.2 25.8

