

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
 Data File : BF114816.D
 Acq On : 5 Jun 2019 13:05
 Operator : HP/JU
 Sample : K3150-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TP

Quant Time: Jun 06 05:17:29 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

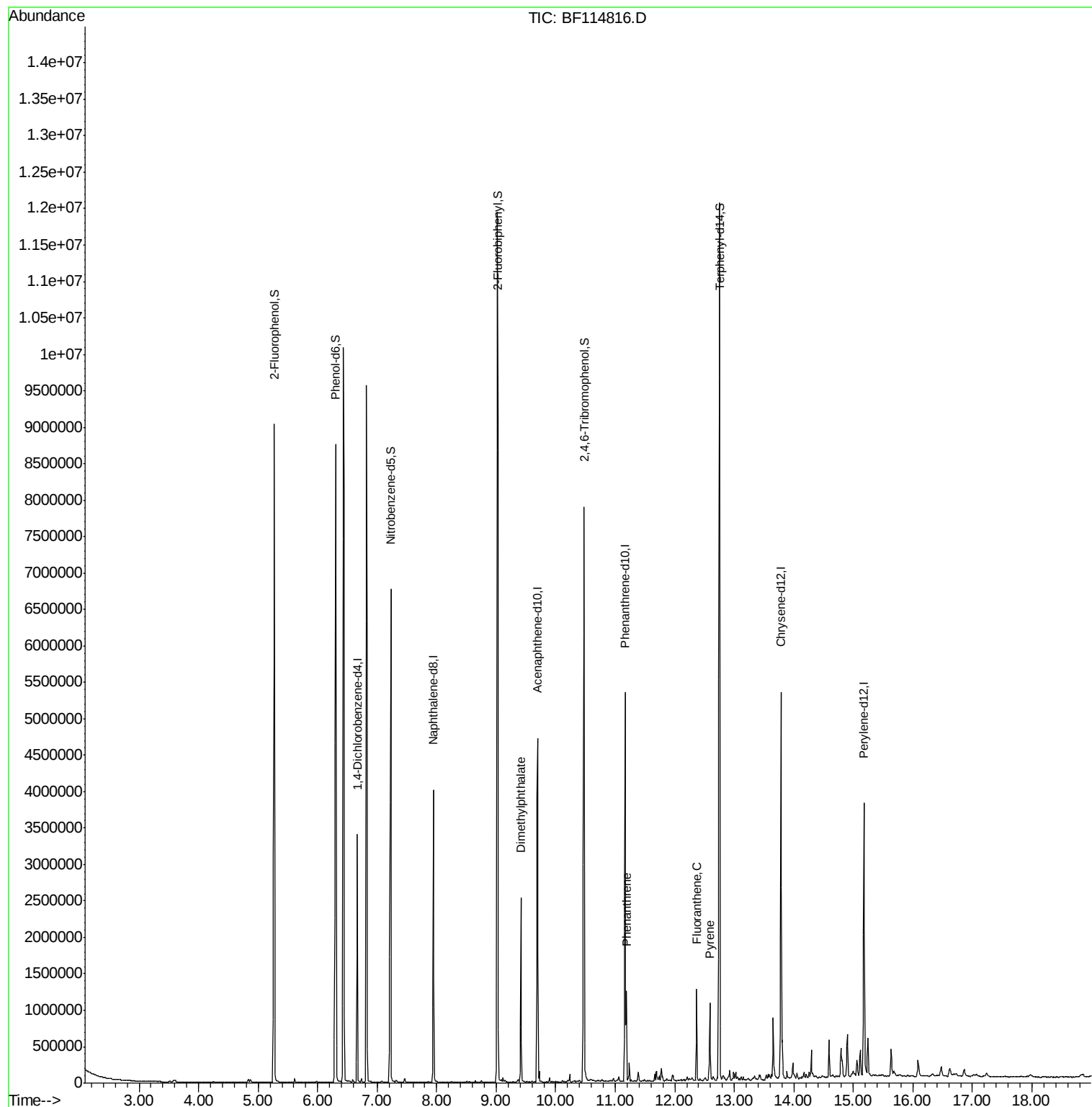
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	476412	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1822649	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	953154	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1926859	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1610918	20.00	ng	0.00
87) Perylene-d12	15.18	264	1622647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	3151765	115.60	ng	0.01
7) Phenol-d6	6.30	99	3916476	118.05	ng	0.00
23) Nitrobenzene-d5	7.23	82	2446884	82.64	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	1137816	110.77	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	4100099	80.58	ng	0.00
79) Terphenyl-d14	12.75	244	4770475	57.59	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	1086680	15.610	ng	99
71) Phenanthrene	11.19	178	405160	4.405	ng	95
75) Fluoranthene	12.36	202	494425	5.164	ng	96
78) Pyrene	12.59	202	421111	3.013	ng	96

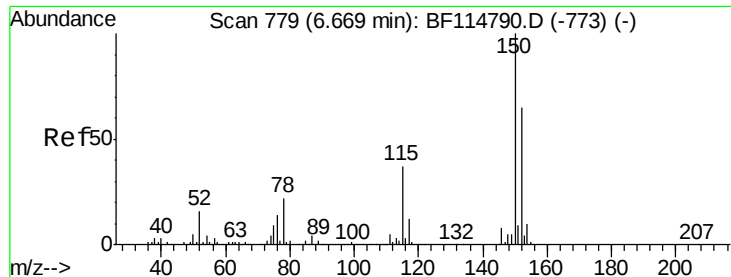
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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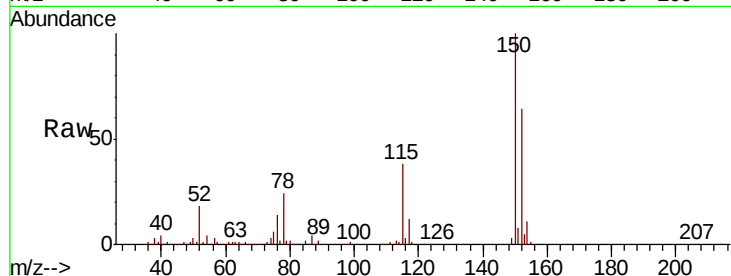


#1

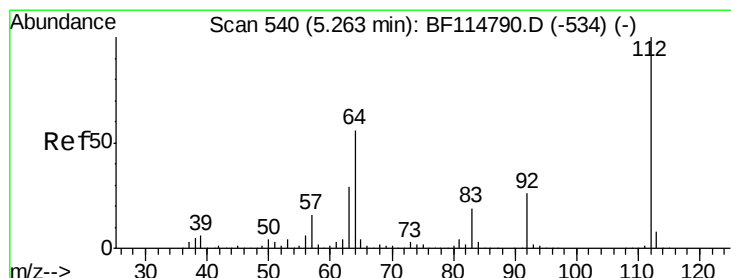
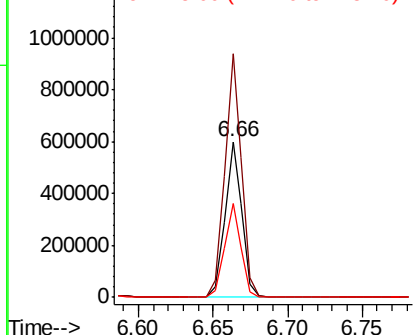
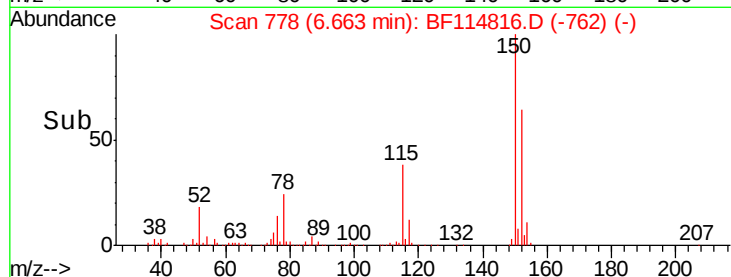
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114816.D
Acq: 5 Jun 2019 13:05

Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TP

Tot Ion:152 Resp: 476412
Ion Ratio Lower Upper
152 100
150 156.3 124.0 186.0
115 59.9 46.3 69.5



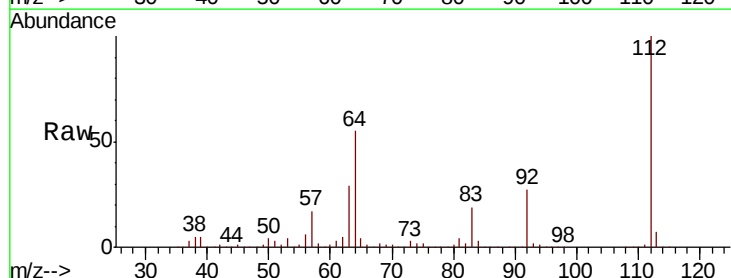
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



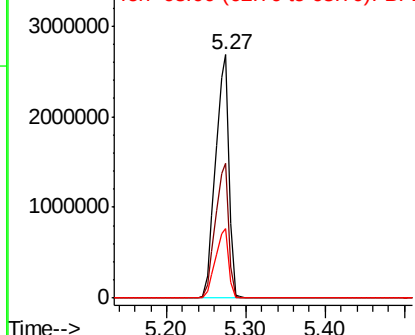
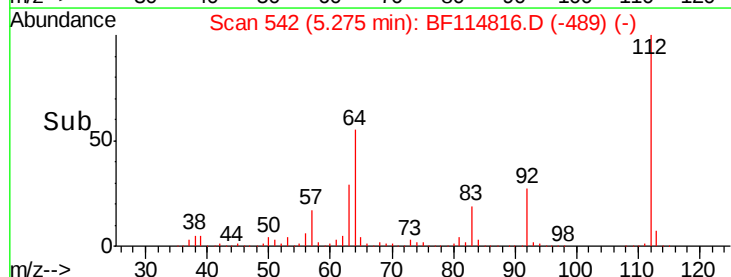
#5

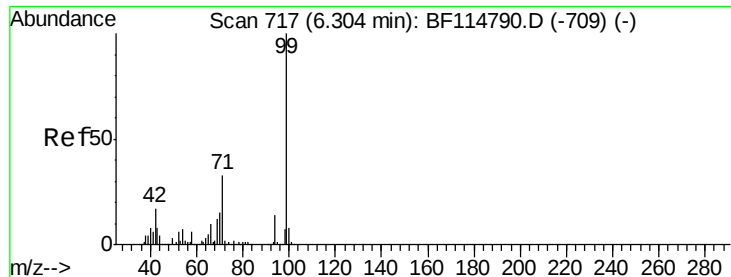
2-Fluorophenol
Concen: 115.598 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114816.D
Acq: 5 Jun 2019 13:05

Tgt Ion:112 Resp: 3151765
Ion Ratio Lower Upper
112 100
64 55.2 44.6 66.8
63 28.6 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: 118.052 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF114816.D

Acq: 5 Jun 2019 13:05

Instrument :

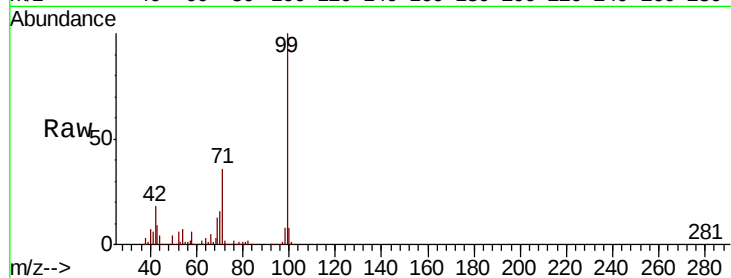
BNA_F

ClientSampleId :

IRONBOUND-TP

Tot Ion: 99 Resp: 3916476

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.3	19.9
71	36.1	26.3	39.5

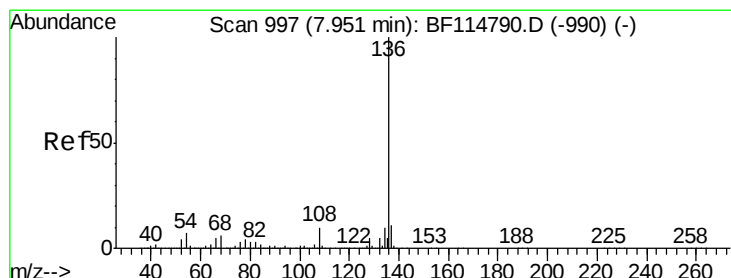
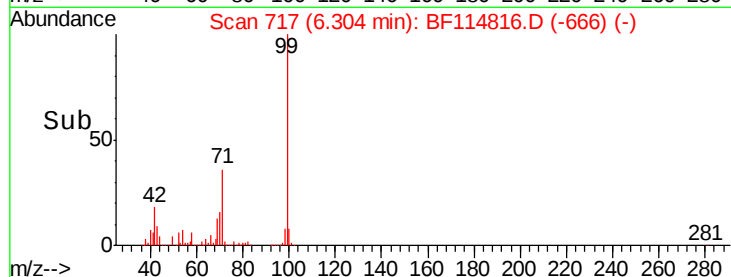
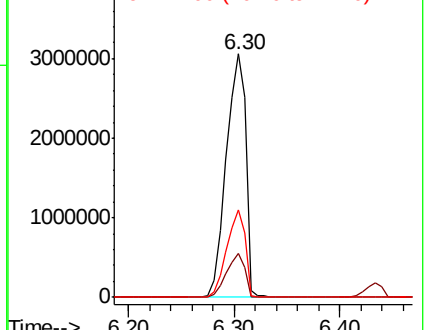


Abundance

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: 7.95 min Scan# 996

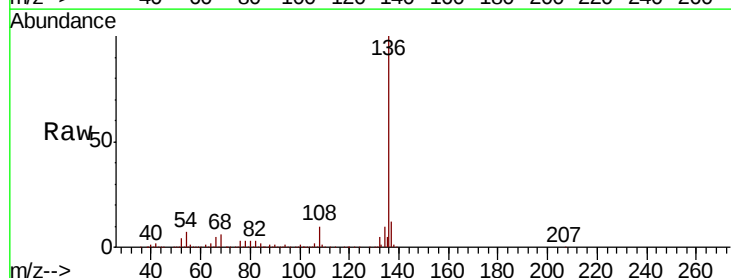
Delta R.T. -0.01 min

Lab File: BF114816.D

Acq: 5 Jun 2019 13:05

Tgt Ion: 136 Resp: 1822649

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	6.7	5.4	8.0
68	5.8	4.6	6.8



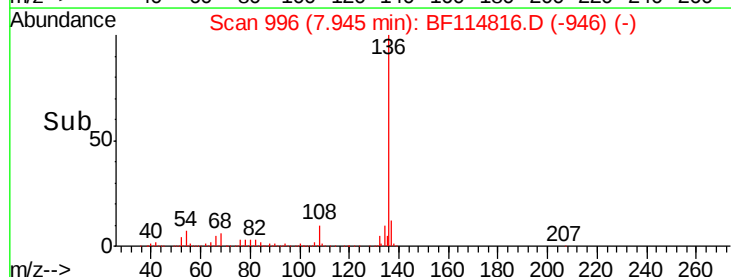
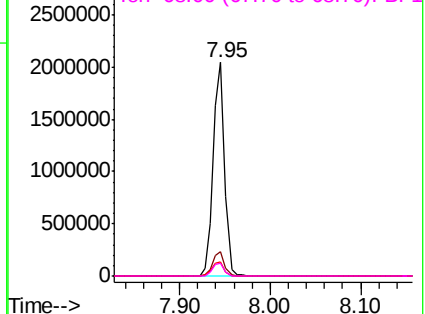
Abundance

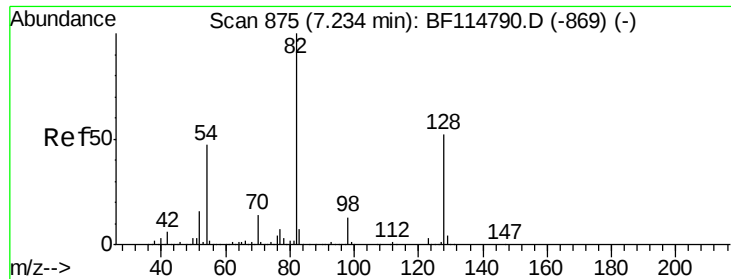
Ion 136.00 (135.70 to 136.70): E

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

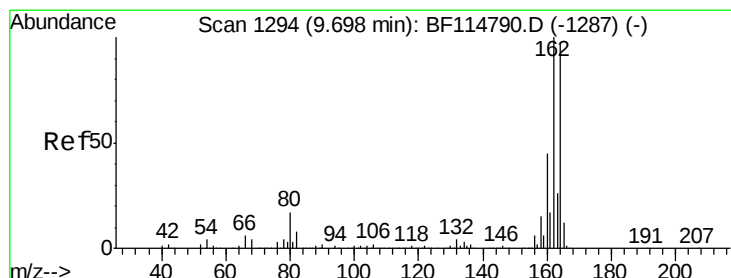
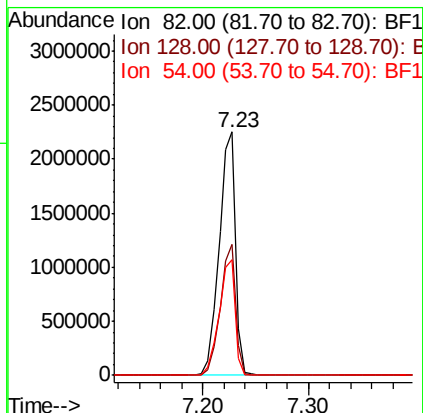
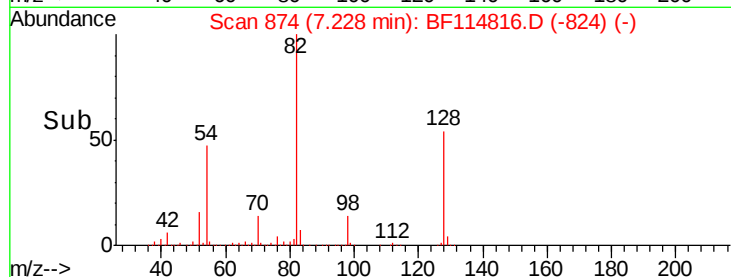
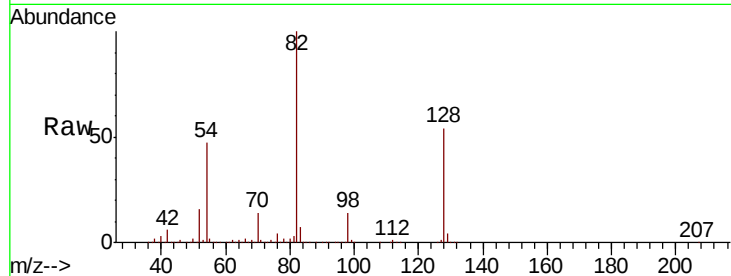




#23
Nitrobenzene-d5
Concen: 82.641 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114816.D
Acq: 5 Jun 2019 13:05

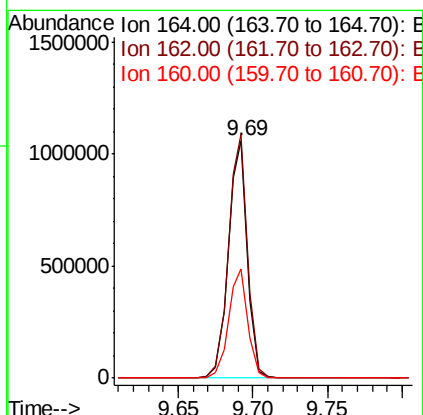
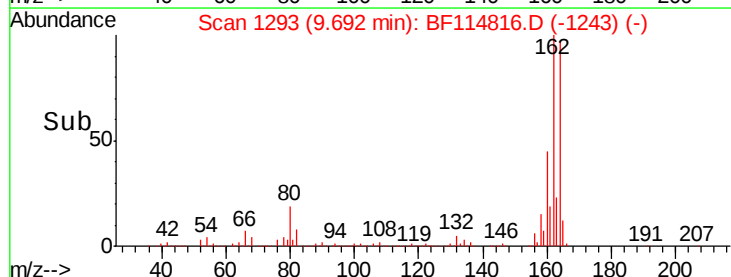
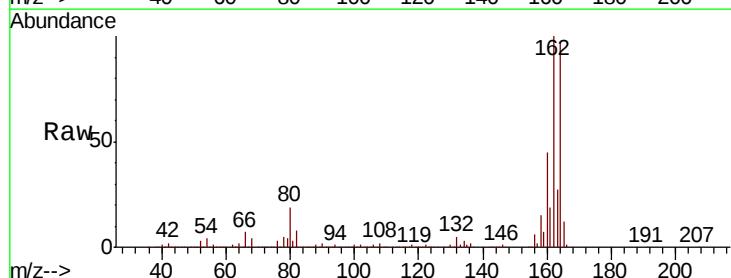
Instrument :
BNA_F
ClientSampleId :
IRONBOUND-TP

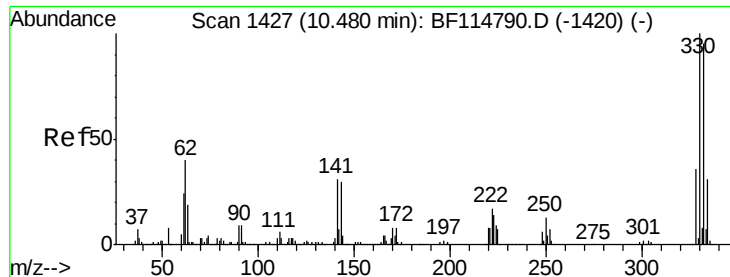
Tot Ion: 82 Resp: 2446884
Ion Ratio Lower Upper
82 100
128 53.6 41.8 62.6
54 47.3 37.9 56.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF114816.D
Acq: 5 Jun 2019 13:05

Tgt Ion:164 Resp: 953154
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 46.0 36.7 55.1

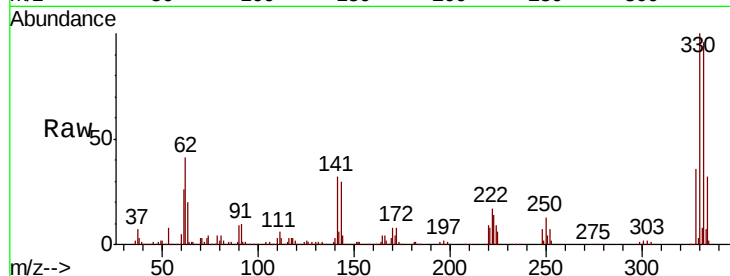




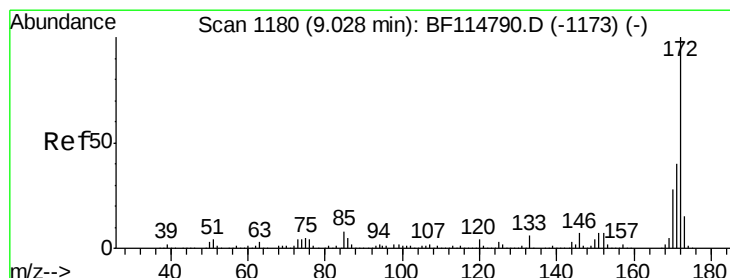
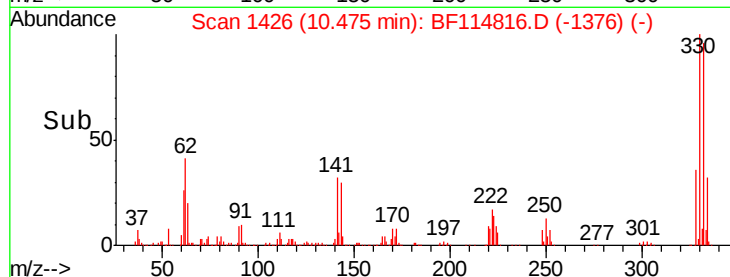
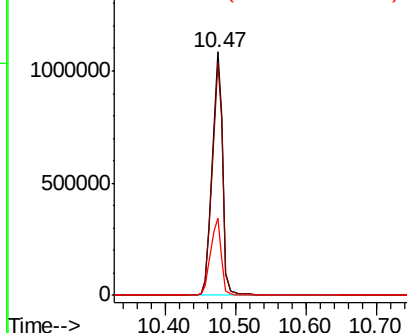
#42
 2,4,6-Tribromophenol
 Concen: 110.771 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF114816.D
 Acq: 5 Jun 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TP

Tot Ion:330 Resp: 1137816
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 32.0 26.2 39.4

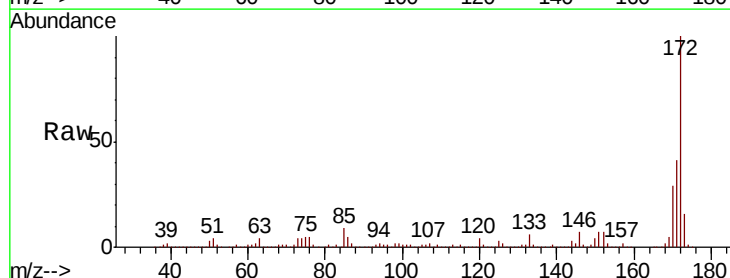


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

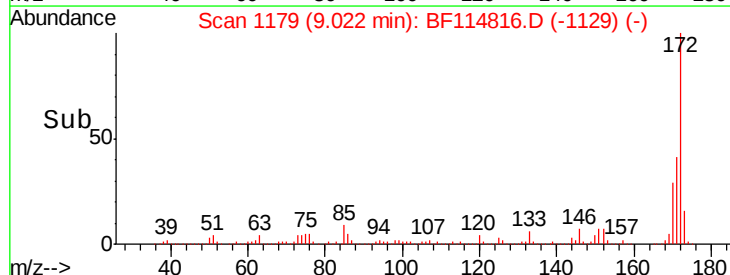
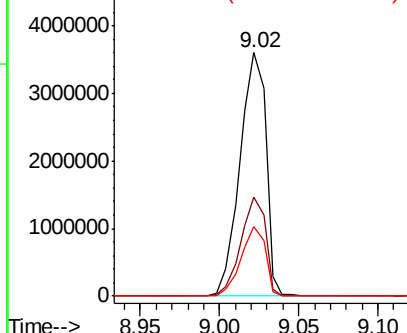


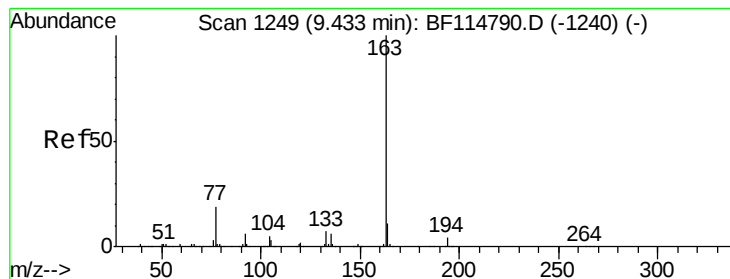
#45
 2-Fluorobiphenyl
 Concen: 80.581 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF114816.D
 Acq: 5 Jun 2019 13:05

Tgt Ion:172 Resp: 4100099
 Ion Ratio Lower Upper
 172 100
 171 40.8 32.3 48.5
 170 28.6 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: 15.610 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BF114816.D

Acq: 5 Jun 2019 13:05

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TP

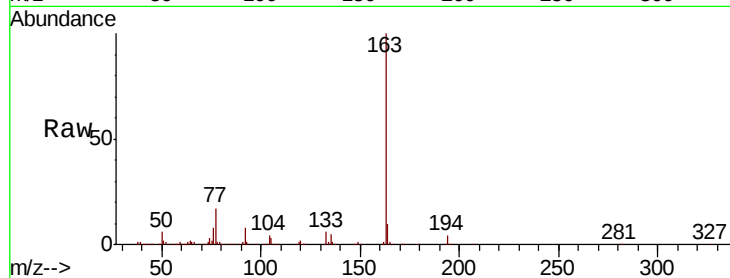
Tot Ion:163 Resp: 1086680

Ion Ratio Lower Upper

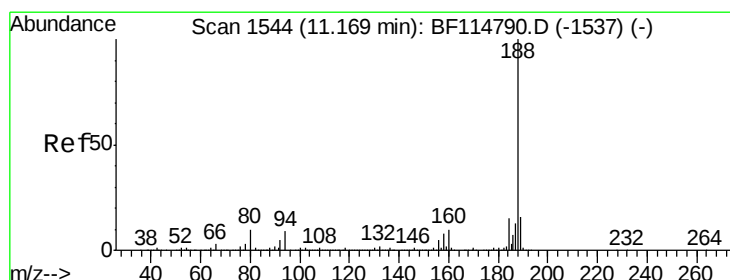
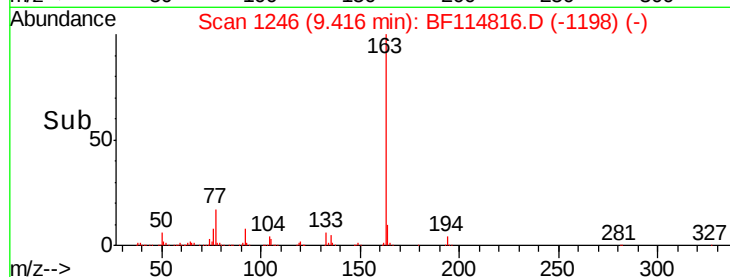
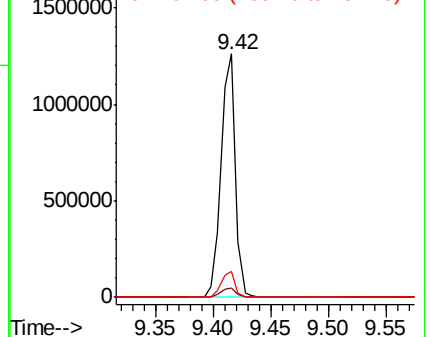
163 100

194 4.0 3.4 5.2

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: 11.16 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BF114816.D

Acq: 5 Jun 2019 13:05

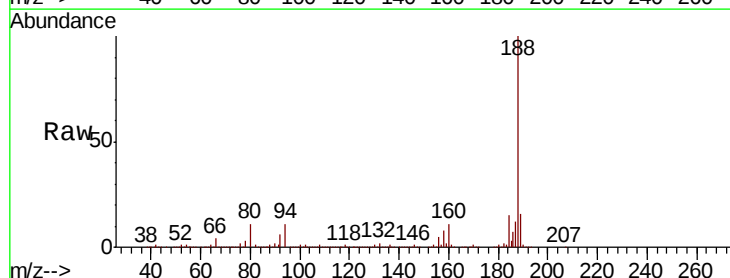
Tgt Ion:188 Resp: 1926859

Ion Ratio Lower Upper

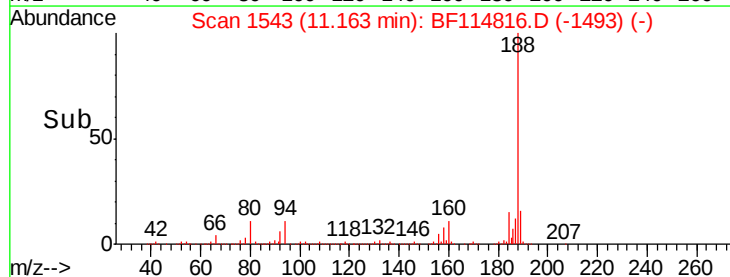
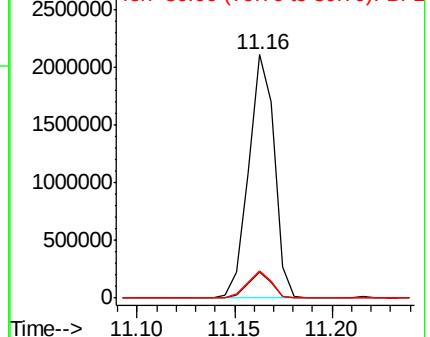
188 100

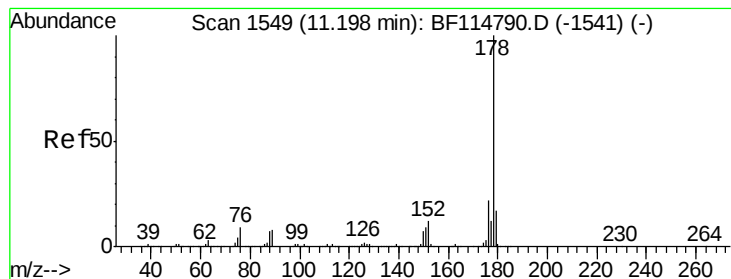
94 10.8 7.6 11.4

80 11.1 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





#71

Phenanthrene

Concen: 4.405 ng

RT: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF114816.D

Acq: 5 Jun 2019 13:05

Instrument :

BNA_F

ClientSampleId :

IRONBOUND-TP

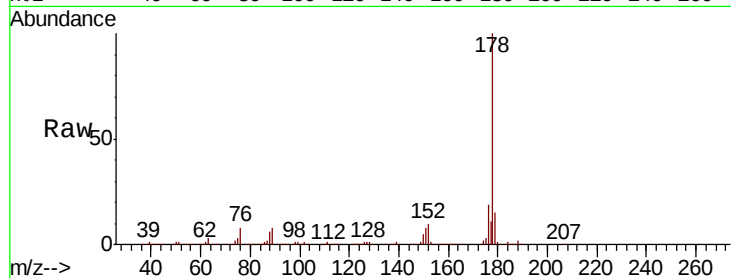
Tot Ion:178 Resp: 405160

Ion Ratio Lower Upper

178 100

176 19.4 17.7 26.5

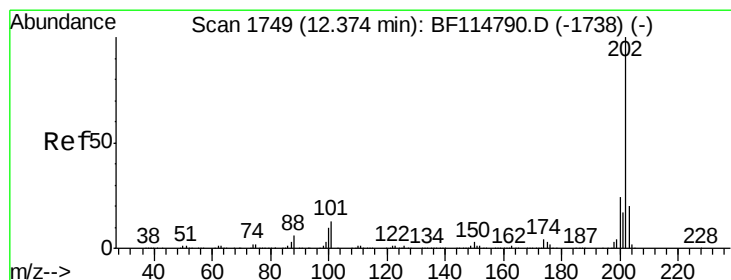
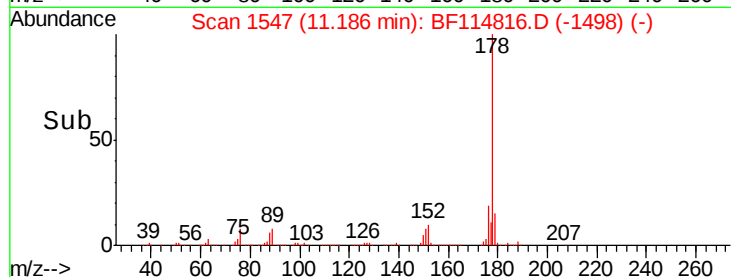
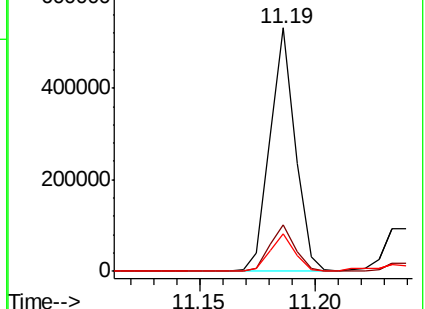
179 15.4 13.7 20.5



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: 5.164 ng

RT: 12.36 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BF114816.D

Acq: 5 Jun 2019 13:05

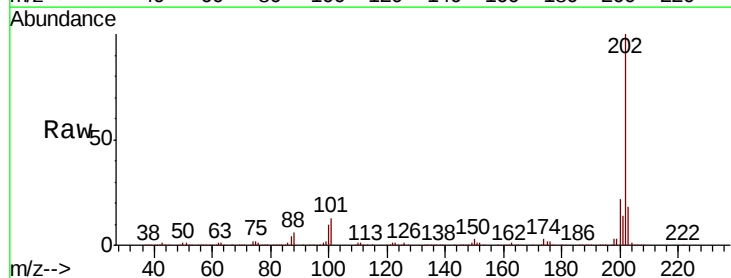
Tgt Ion:202 Resp: 494425

Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.8

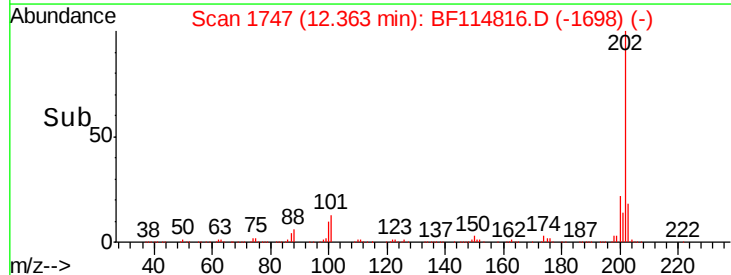
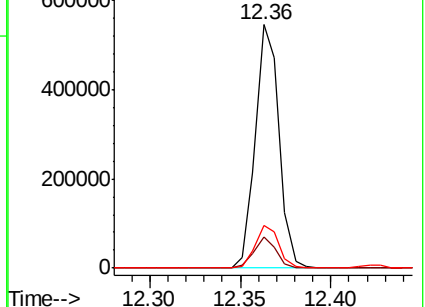
203 17.6 0.2 40.2

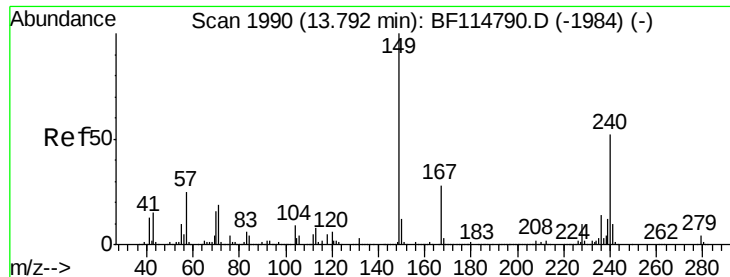


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF114816.D

Acq: 5 Jun 2019 13:05

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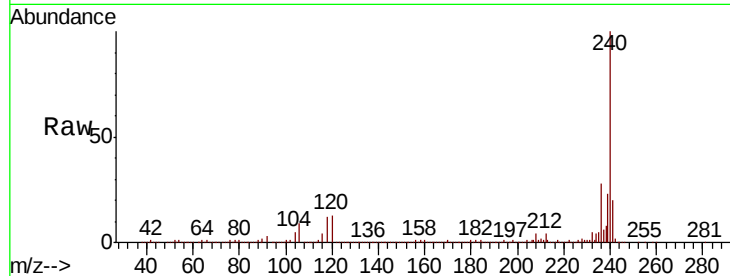
Tot Ion:240 Resp: 1610918

Ion Ratio Lower Upper

240 100

120 13.0 9.0 13.4

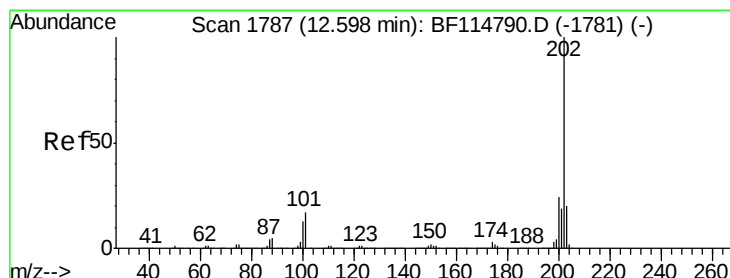
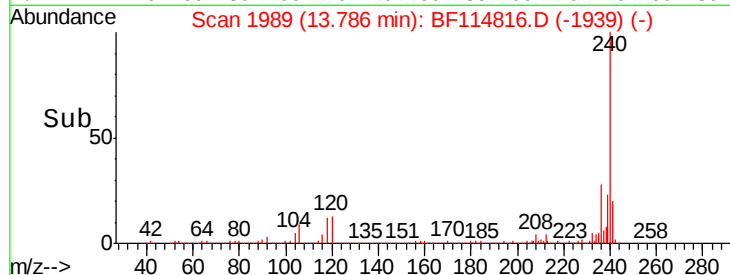
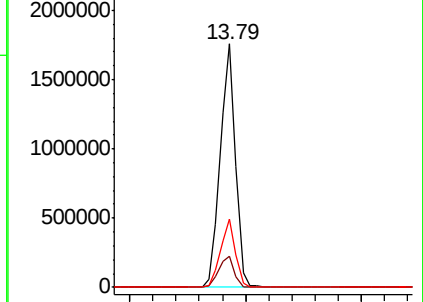
236 28.1 21.4 32.0



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

Pyrene

Concen: 3.013 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF114816.D

Acq: 5 Jun 2019 13:05

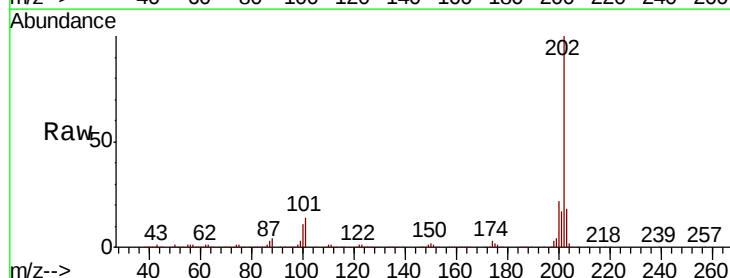
Tgt Ion:202 Resp: 421111

Ion Ratio Lower Upper

202 100

200 21.8 19.2 28.8

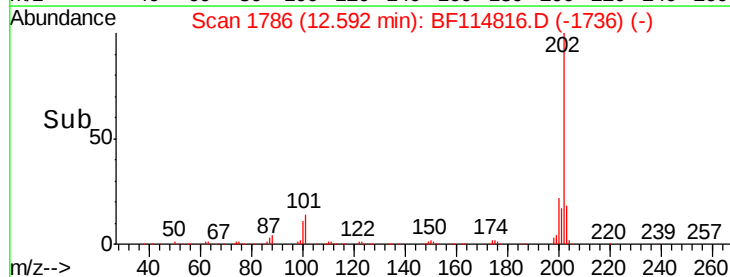
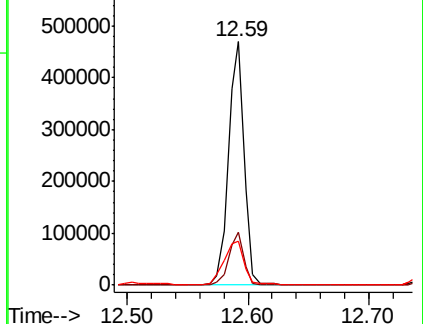
203 18.0 15.9 23.9

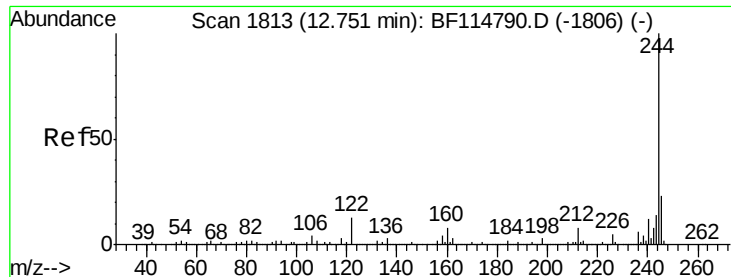


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

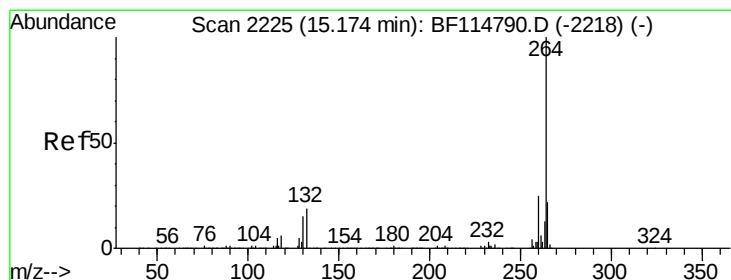
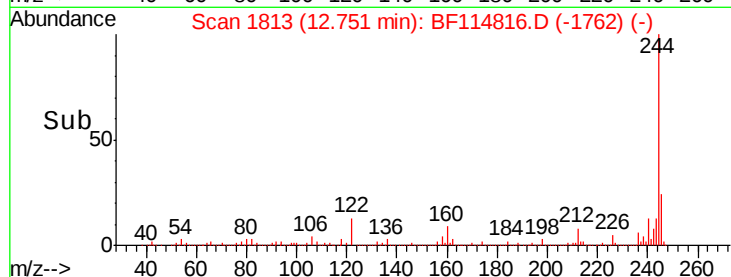
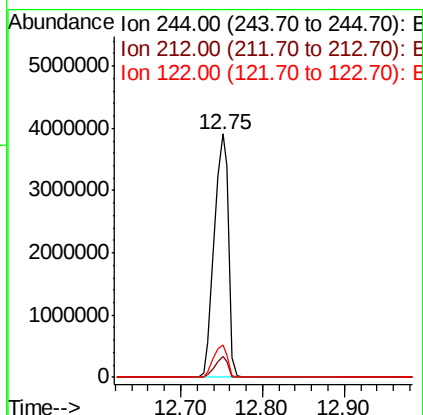
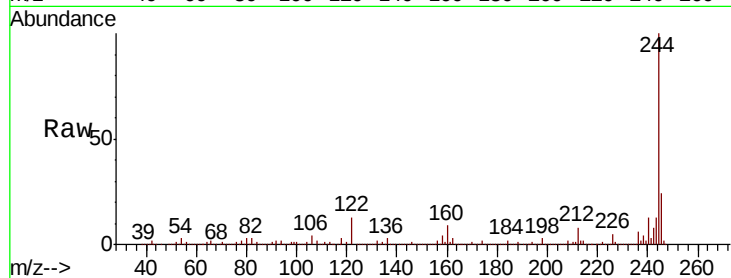




#79
 Terphenyl-d14
 Concen: 57.591 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BF114816.D
 Acq: 5 Jun 2019 13:05

Instrument :
 BNA_F
 ClientSampleId :
 IRONBOUND-TP

Tot Ion:244 Resp: 4770475
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 13.5 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF114816.D
 Acq: 5 Jun 2019 13:05

Tgt Ion:264 Resp: 1622647
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.1 30.1
 265 22.2 17.7 26.5

