

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114870.D
 Acq On : 6 Jun 2019 18:57
 Operator : HP/JU
 Sample : K3216-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-1

Quant Time: Jun 07 02:21:54 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

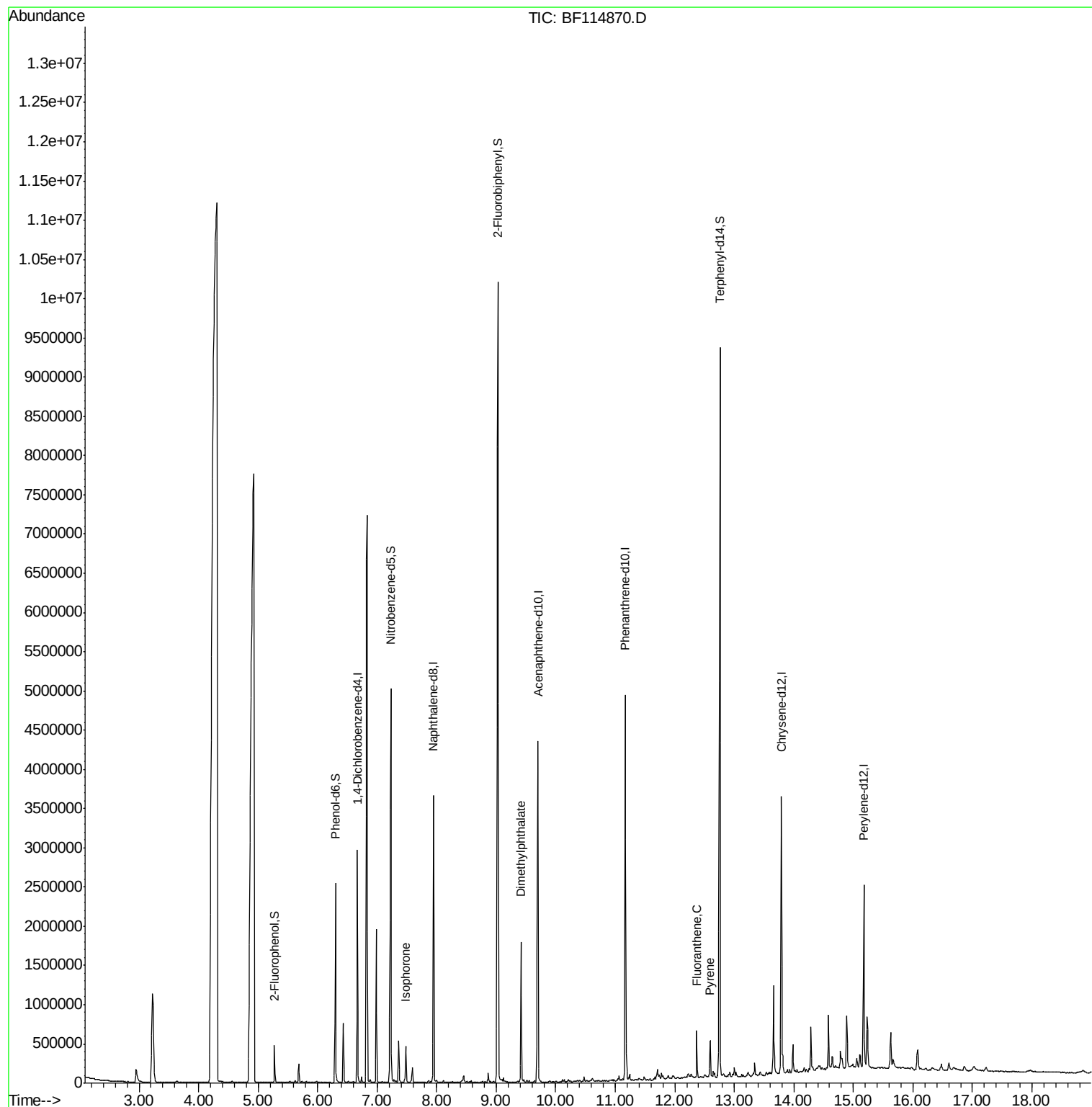
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	462436	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1829788	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	944446	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1746796	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1110309	20.00	ng	0.00
87) Perylene-d12	15.17	264	987834	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	137720	5.20	ng	0.01
7) Phenol-d6	6.30	99	856450	26.60	ng	0.00
23) Nitrobenzene-d5	7.23	82	2005625	67.47	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	6125	0.60	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3600672	71.42	ng	0.00
79) Terphenyl-d14	12.76	244	3673043	64.34	ng	0.00
Target Compounds						
25) Isophorone	7.48	82	179661	3.057	ng	95
50) Dimethylphthalate	9.42	163	757716	10.985	ng	98
75) Fluoranthene	12.37	202	223758	2.578	ng	96
78) Pyrene	12.60	202	193014	2.004	ng	95

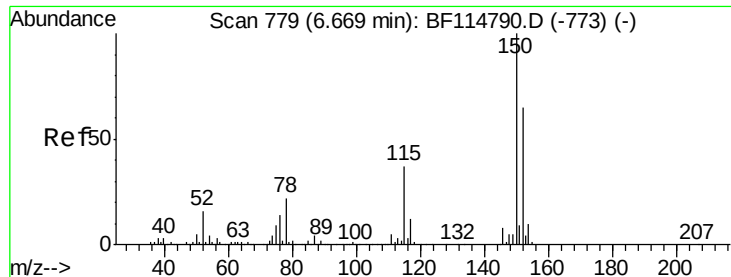
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114870.D
Acq On : 6 Jun 2019 18:57
Operator : HP/JU
Sample : K3216-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-1

Quant Time: Jun 07 02:21:54 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



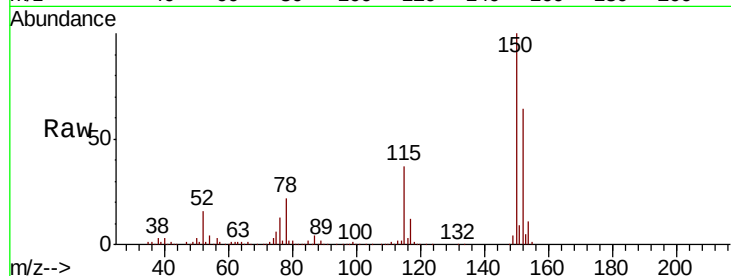


#1

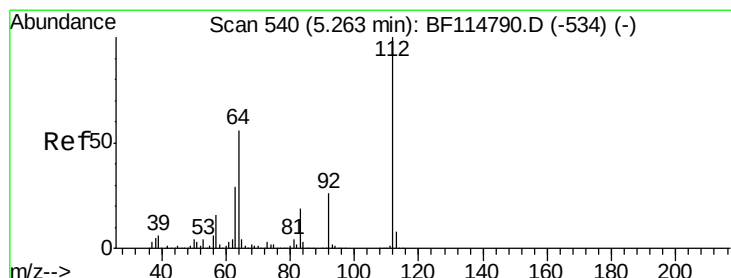
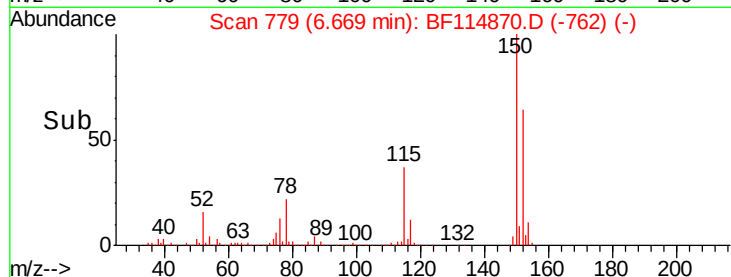
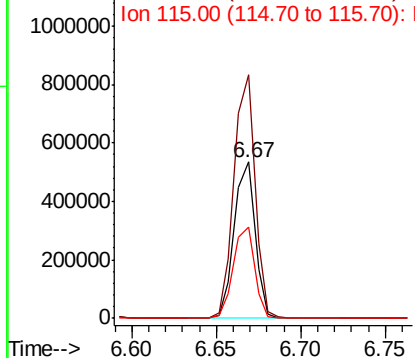
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114870.D
Acq: 6 Jun 2019 18:57

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-1

Tot Ion:152 Resp: 462436
Ion Ratio Lower Upper
152 100
150 155.9 124.0 186.0
115 58.2 46.3 69.5



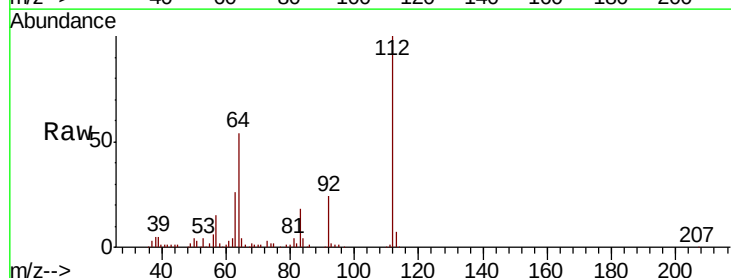
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



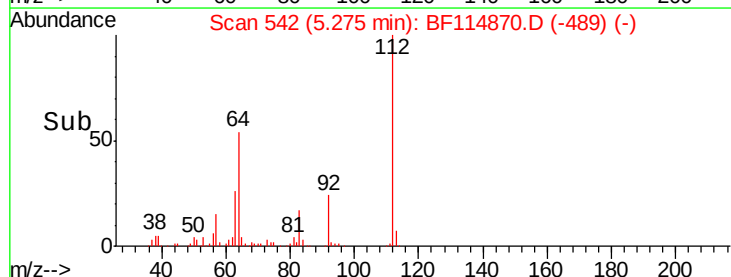
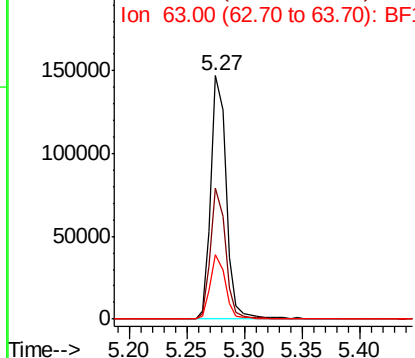
#5

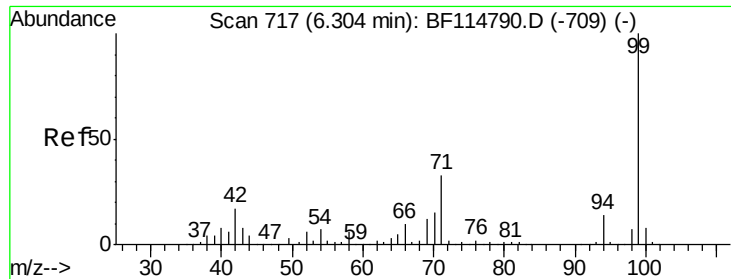
2-Fluorophenol
Concen: 5.204 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114870.D
Acq: 6 Jun 2019 18:57

Tgt Ion:112 Resp: 137720
Ion Ratio Lower Upper
112 100
64 54.0 44.6 66.8
63 26.3 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: 26.596 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF114870.D

Acq: 6 Jun 2019 18:57

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP-1

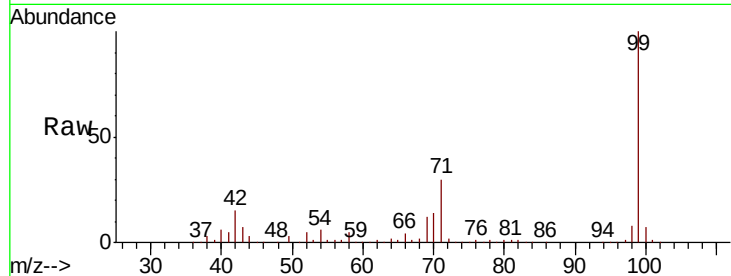
Tot Ion: 99 Resp: 856450

Ion Ratio Lower Upper

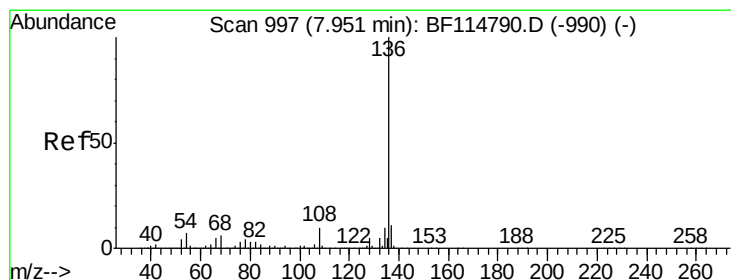
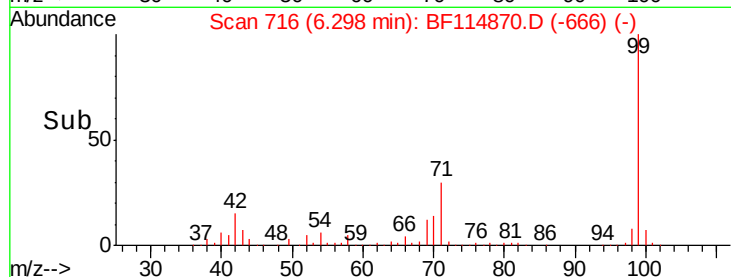
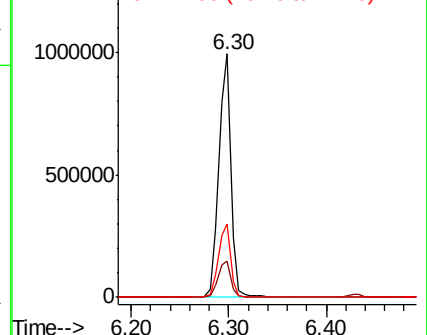
99 100

42 14.8 13.3 19.9

71 30.1 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: BF114870.D

Acq: 6 Jun 2019 18:57

Tgt Ion: 136 Resp: 1829788

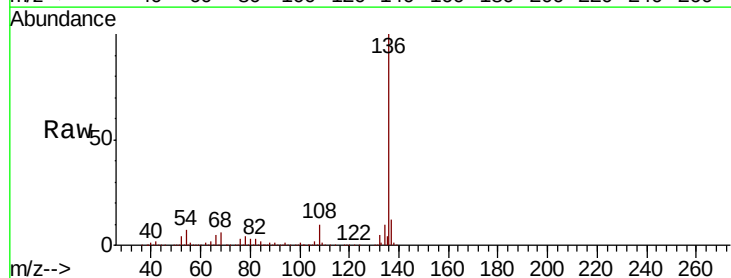
Ion Ratio Lower Upper

136 100

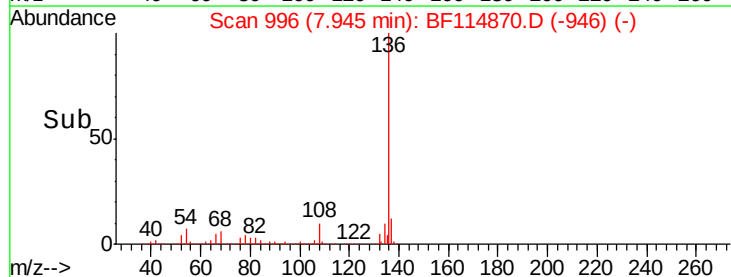
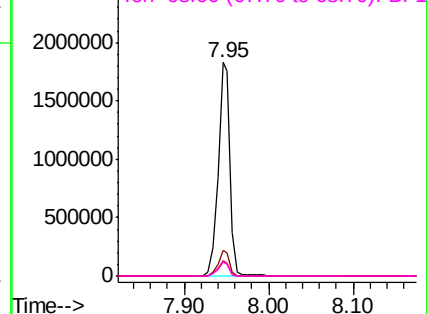
137 11.8 9.1 13.7

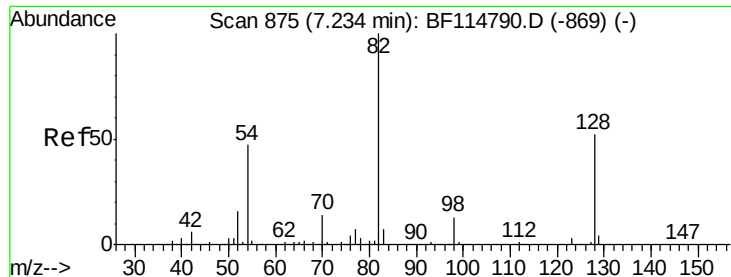
54 7.4 5.4 8.0

68 6.4 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

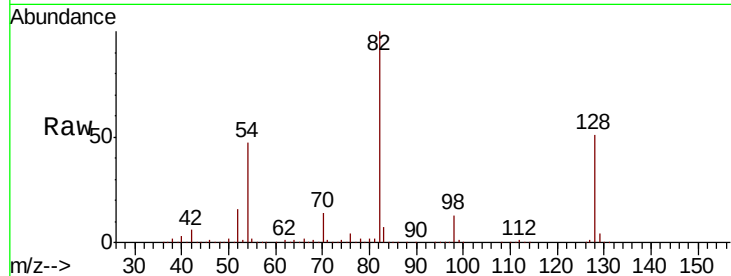




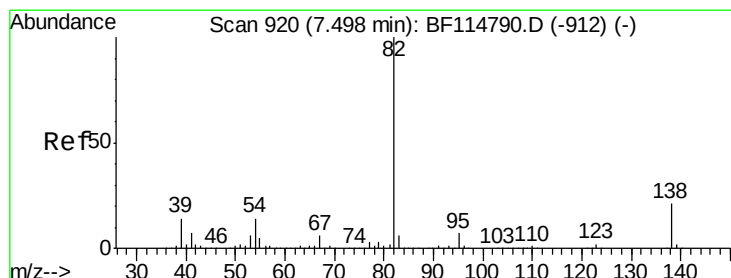
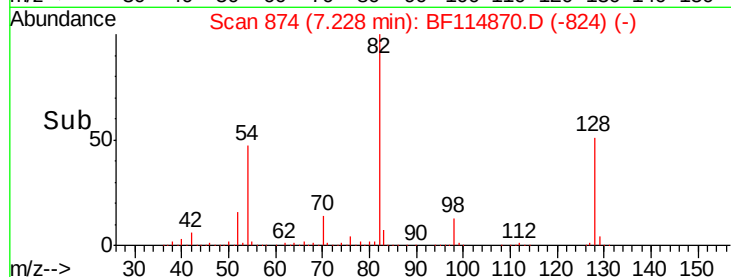
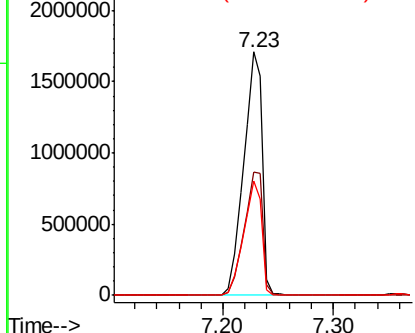
#23
 Nitrobenzene-d5
 Concen: 67.474 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF114870.D
 Acq: 6 Jun 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-1

Tot Ion: 82 Resp: 2005625
 Ion Ratio Lower Upper
 82 100
 128 50.7 41.8 62.6
 54 47.1 37.9 56.9

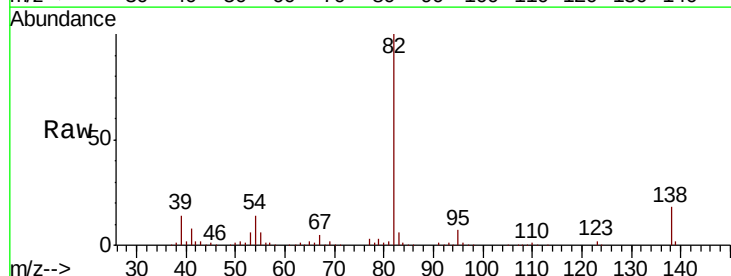


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

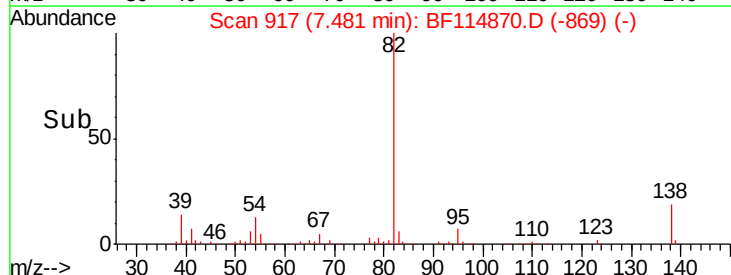
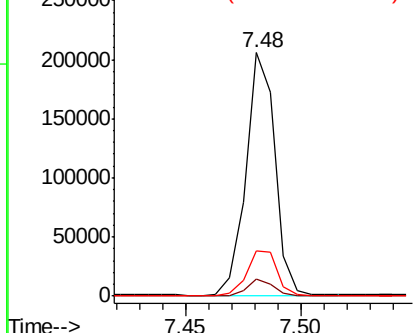


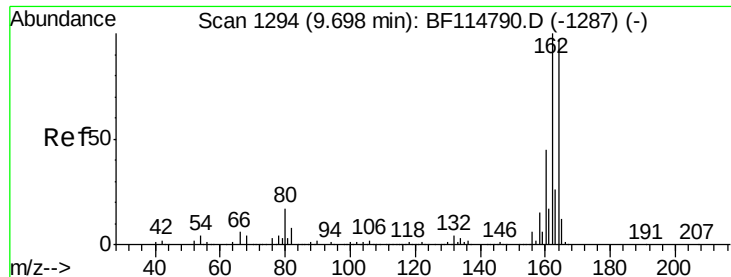
#25
 Isophorone
 Concen: 3.057 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF114870.D
 Acq: 6 Jun 2019 18:57

Tgt Ion: 82 Resp: 179661
 Ion Ratio Lower Upper
 82 100
 95 6.9 5.8 8.8
 138 18.4 16.9 25.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

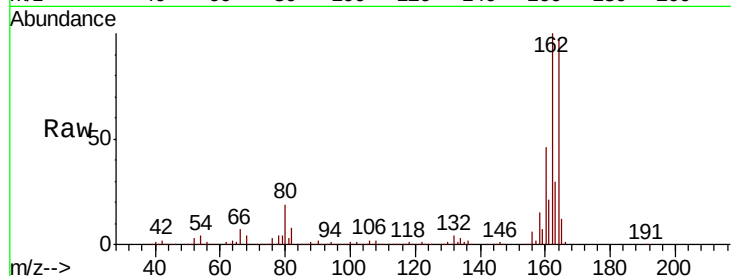




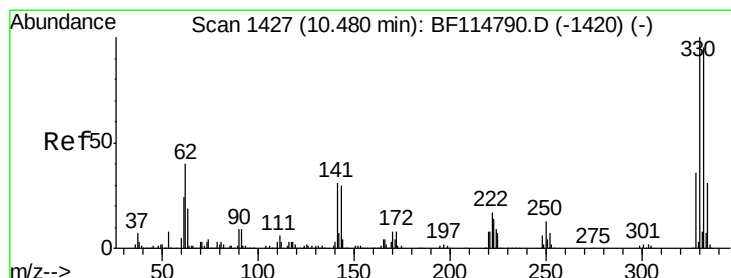
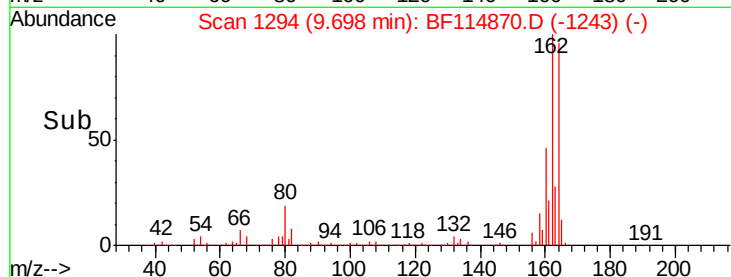
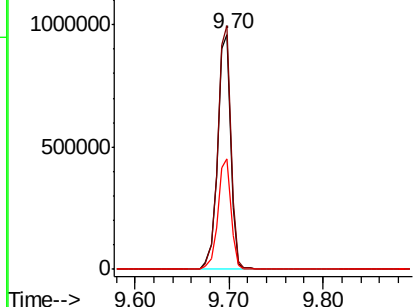
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BF114870.D
 Acq: 6 Jun 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-1

Tot Ion:164 Resp: 944446
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.3 123.5
 160 47.2 36.7 55.1

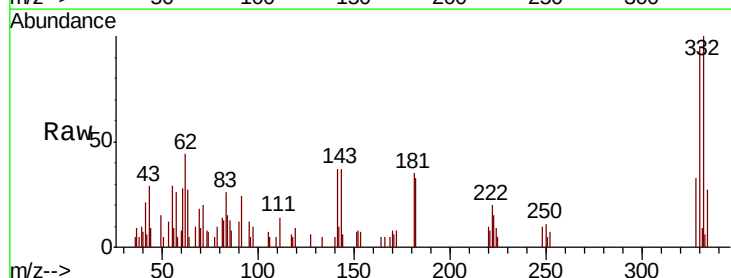


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

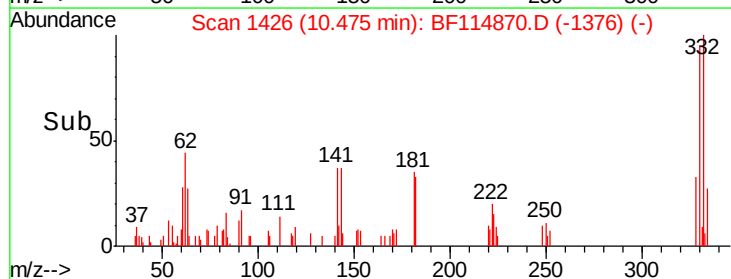
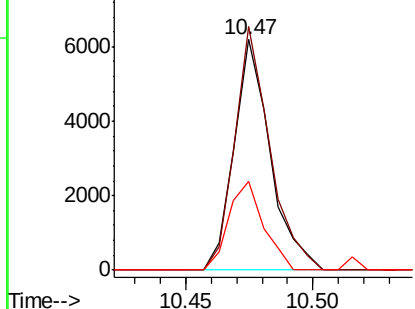


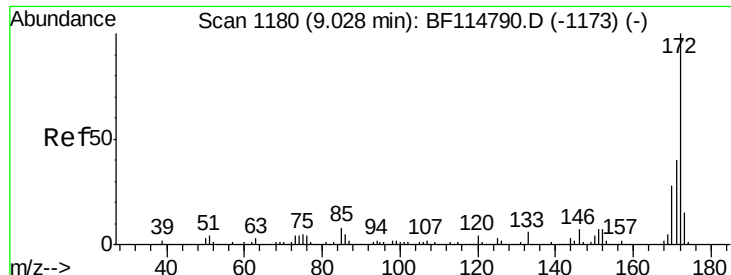
#42
 2,4,6-Tribromophenol
 Concen: 0.602 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF114870.D
 Acq: 6 Jun 2019 18:57

Tgt Ion:330 Resp: 6125
 Ion Ratio Lower Upper
 330 100
 332 102.7 77.3 115.9
 141 37.4 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

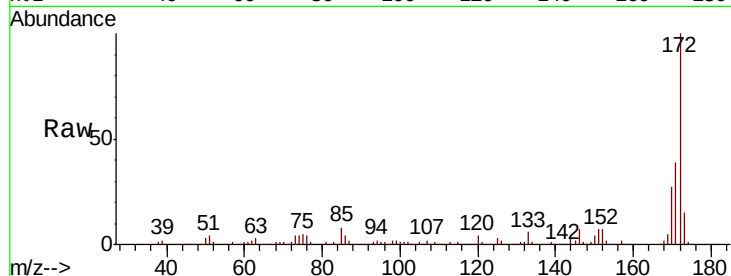




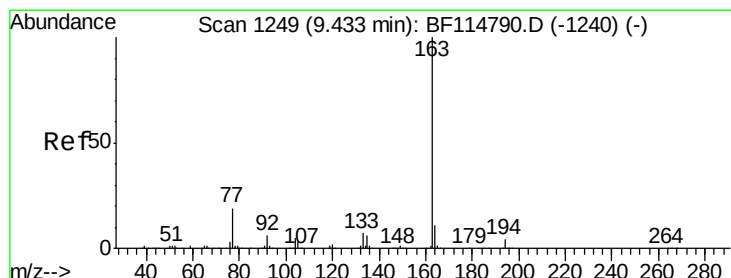
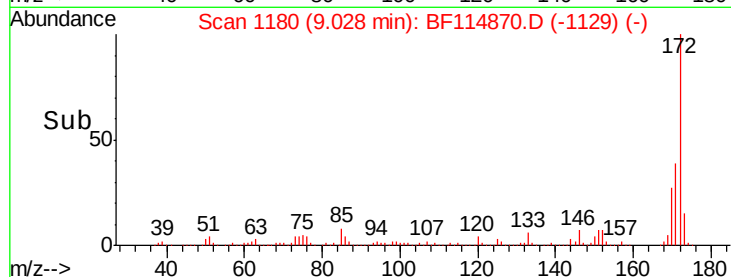
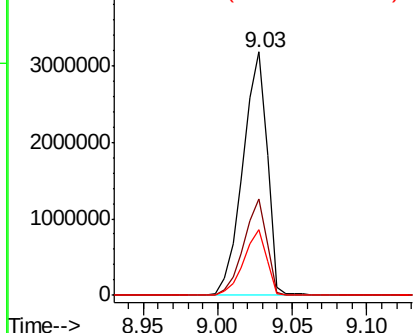
#45
2-Fluorobiphenyl
Concen: 71.418 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF114870.D
Acq: 6 Jun 2019 18:57

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-1

Tot Ion:172 Resp: 3600672
Ion Ratio Lower Upper
172 100
171 39.5 32.3 48.5
170 27.2 22.4 33.6

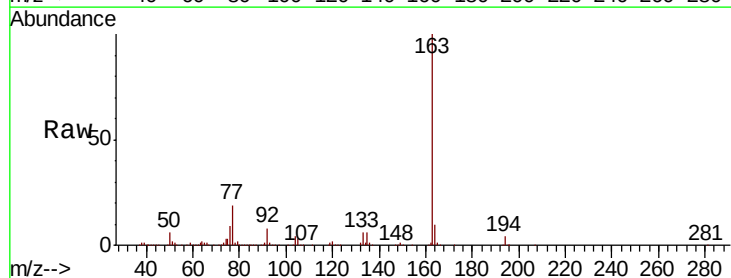


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

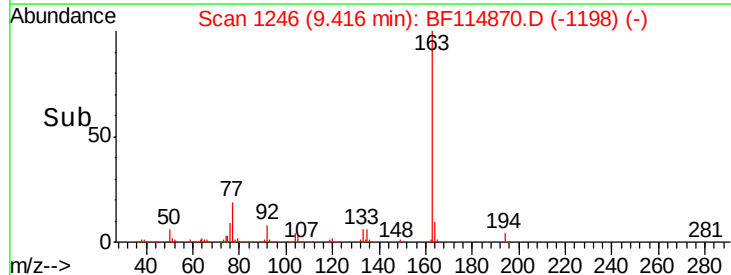
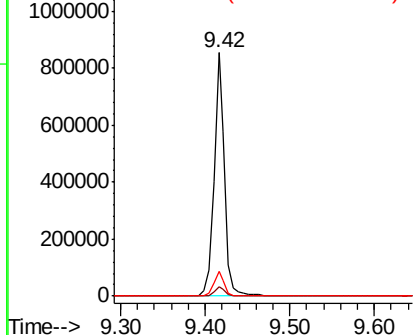


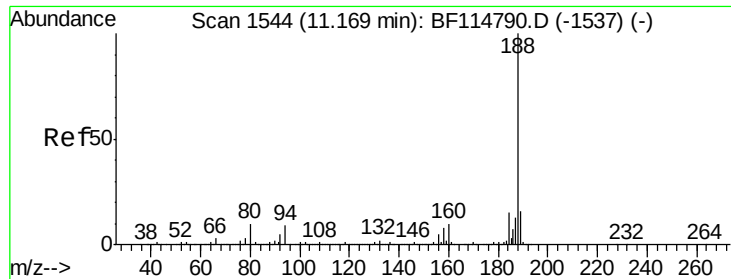
#50
Dimethylphthalate
Concen: 10.985 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF114870.D
Acq: 6 Jun 2019 18:57

Tgt Ion:163 Resp: 757716
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 10.2 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

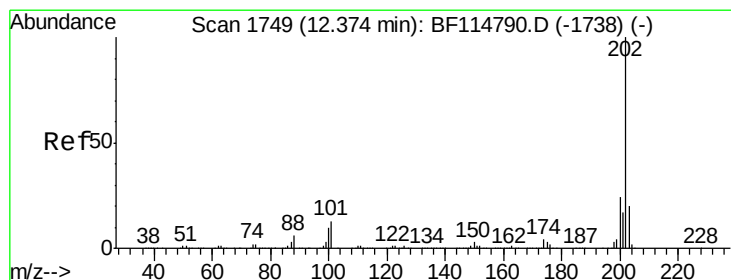
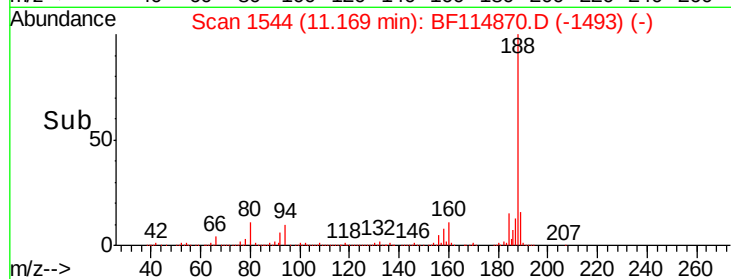
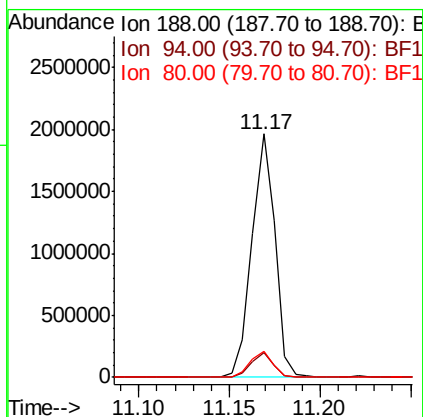
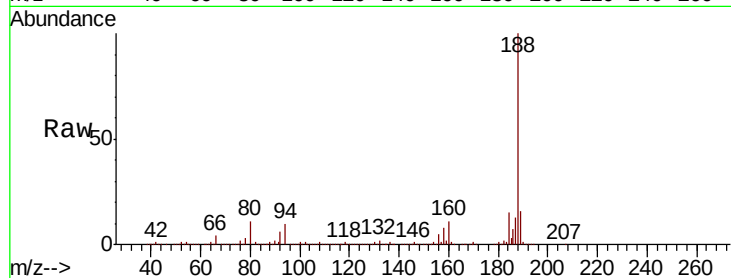




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF114870.D
Acq: 6 Jun 2019 18:57

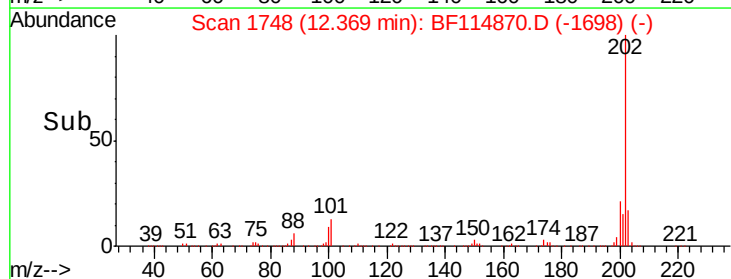
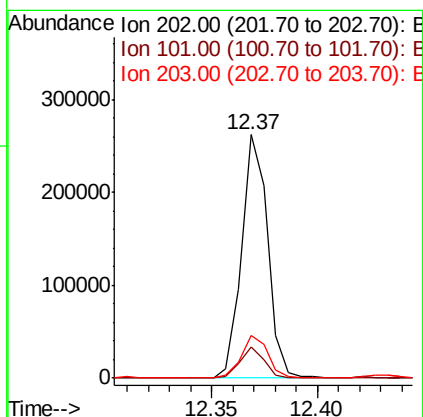
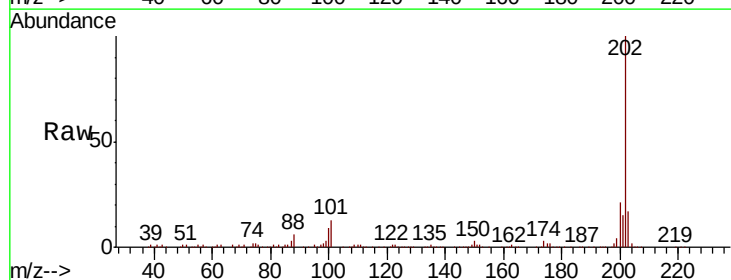
Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-1

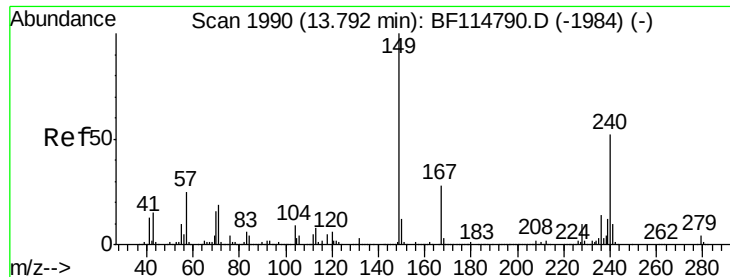
Tot Ion:188 Resp: 1746796
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 10.8 8.3 12.5



#75
Fluoranthene
Concen: 2.578 ng
RT: 12.37 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF114870.D
Acq: 6 Jun 2019 18:57

Tgt Ion:202 Resp: 223758
Ion Ratio Lower Upper
202 100
101 12.7 0.0 32.8
203 17.5 0.2 40.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114870.D

Acq: 6 Jun 2019 18:57

Instrument :

BNA_F

ClientSampleId :

CONCRETE-COMP-1

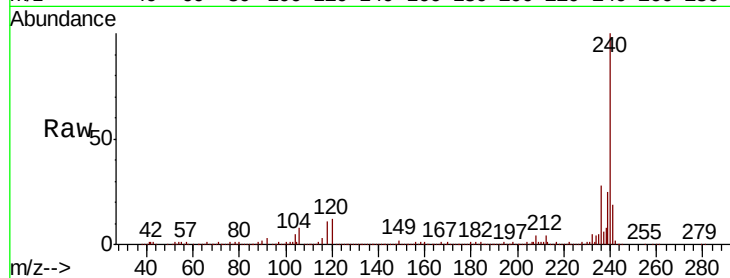
Tot Ion:240 Resp: 1110309

Ion Ratio Lower Upper

240 100

120 12.1 9.0 13.4

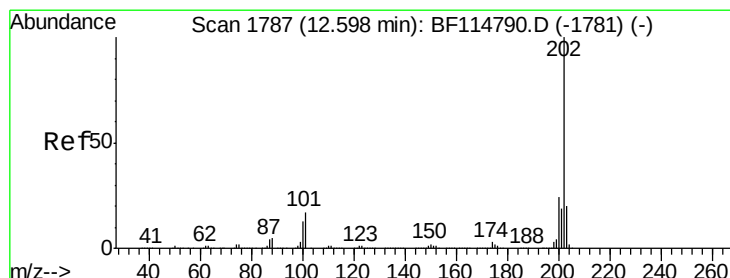
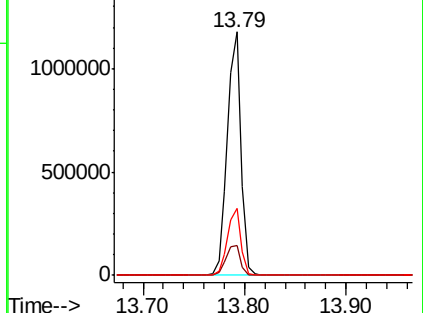
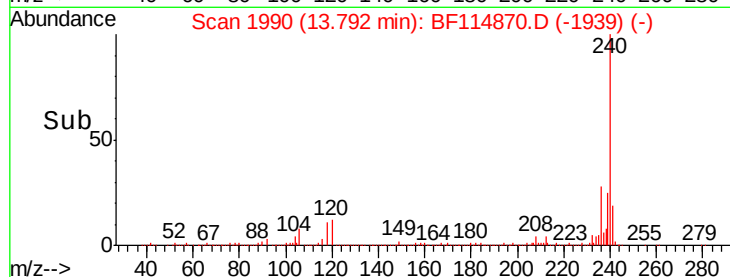
236 27.6 21.4 32.0



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: 2.004 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF114870.D

Acq: 6 Jun 2019 18:57

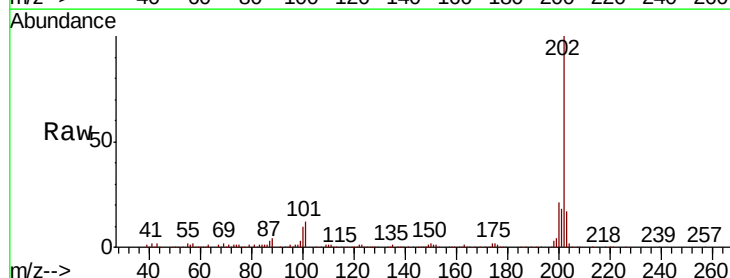
Tgt Ion:202 Resp: 193014

Ion Ratio Lower Upper

202 100

200 21.3 19.2 28.8

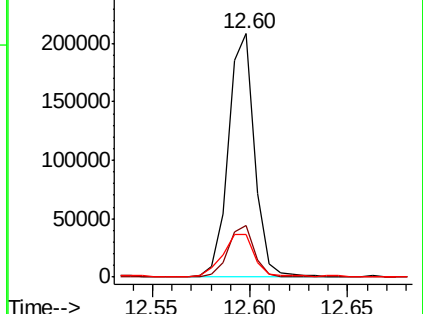
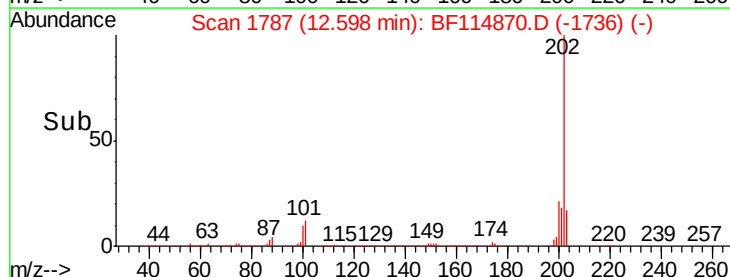
203 17.5 15.9 23.9

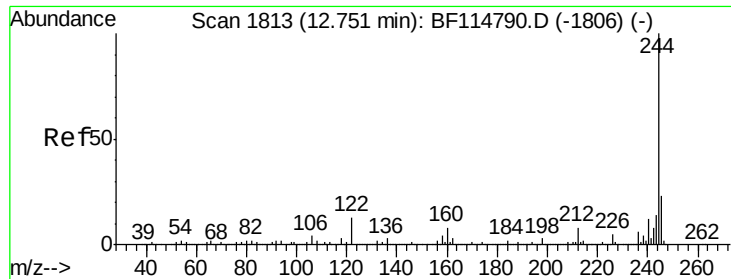


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

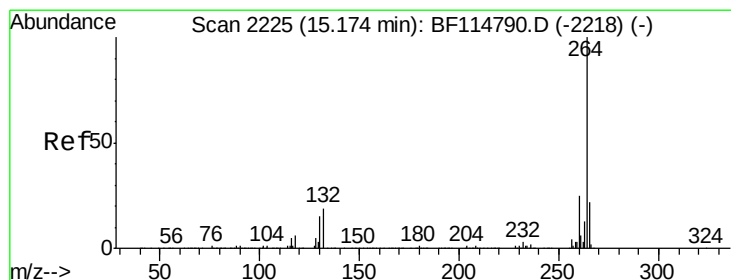
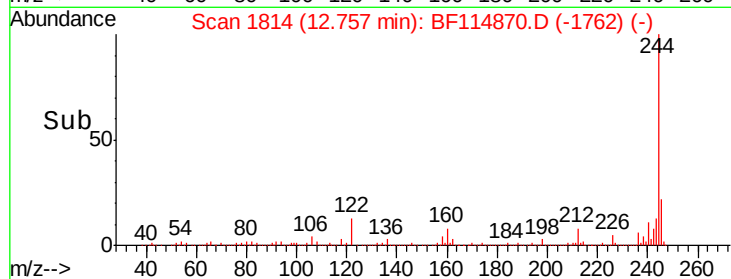
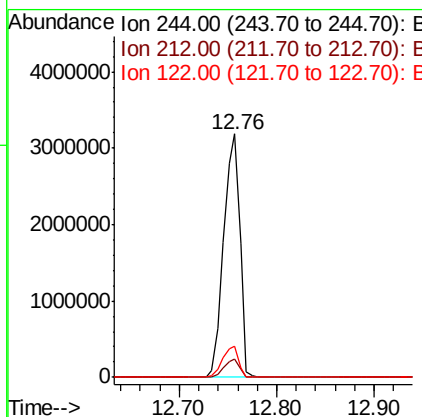
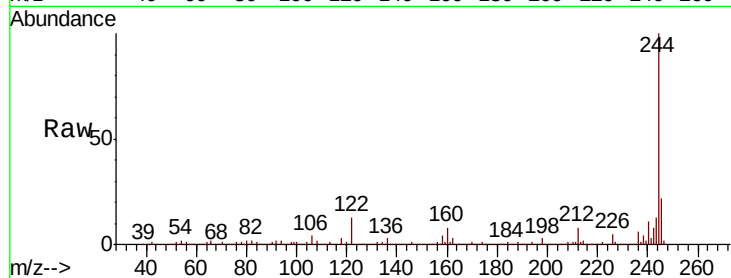




#79
 Terphenyl-d14
 Concen: 64.335 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. 0.01 min
 Lab File: BF114870.D
 Acq: 6 Jun 2019 18:57

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-1

Tot Ion:244 Resp: 3673043
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 12.6 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF114870.D
 Acq: 6 Jun 2019 18:57

Tgt Ion:264 Resp: 987834
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.1 30.1
 265 22.1 17.7 26.5

