

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101019\
 Data File : BF117362.D
 Acq On : 10 Oct 2019 16:15
 Operator : JU
 Sample : K5297-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-CONCRETE

Quant Time: Oct 11 06:30:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

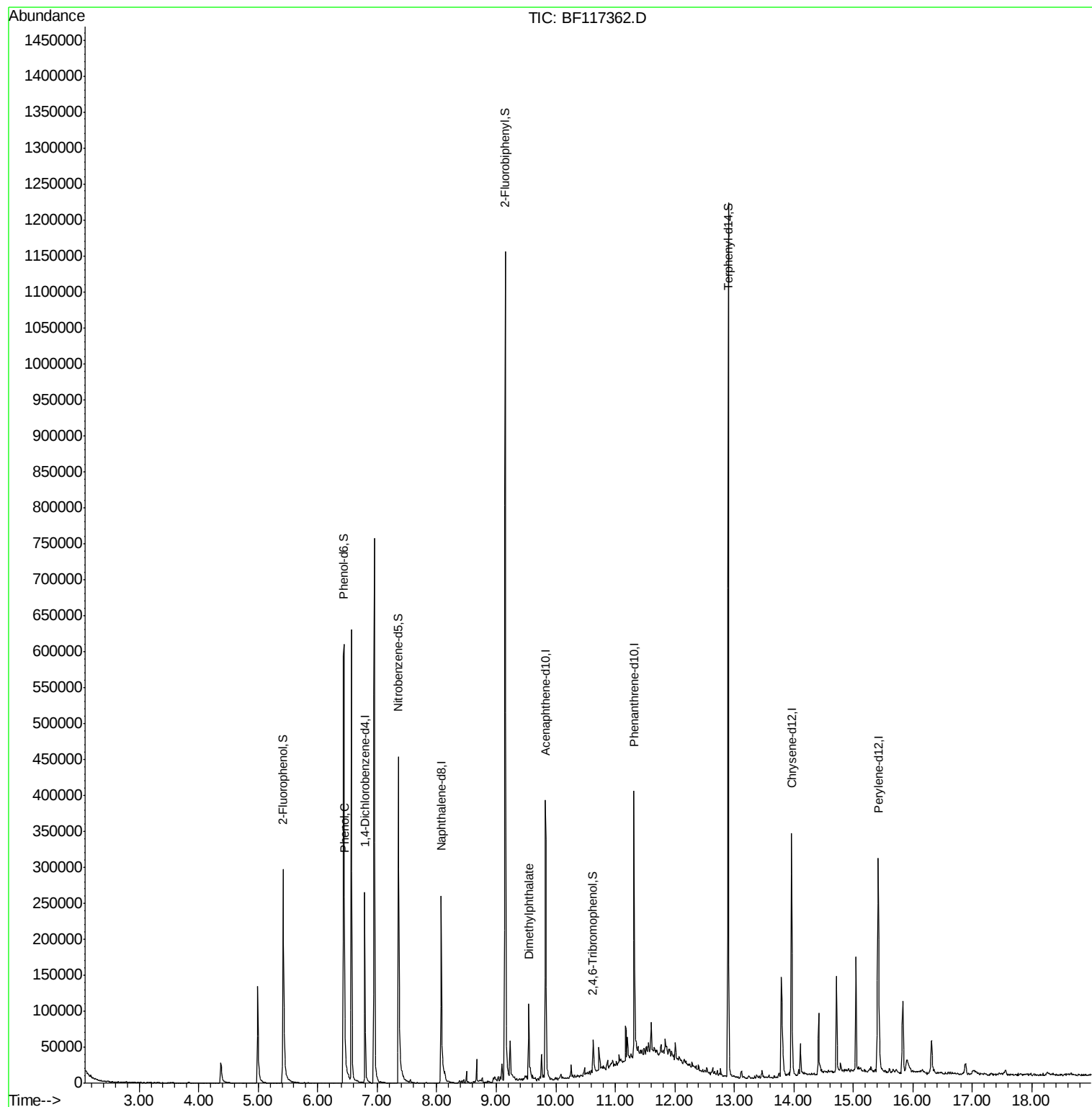
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	44217	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	174094	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	93789	20.00	ng	-0.01
64) Phenanthrene-d10	11.32	188	154874	20.00	ng	-0.01
76) Chrysene-d12	13.96	240	125406	20.00	ng	-0.01
87) Perylene-d12	15.42	264	117016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	121544	42.92	ng	0.00
7) Phenol-d6	6.44	99	292349	79.87	ng	-0.01
23) Nitrobenzene-d5	7.36	82	207436	62.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	8384	10.70	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	390159	65.04	ng	-0.01
79) Terphenyl-d14	12.90	244	408892	60.95	ng	-0.01
Target Compounds						
10) Phenol	6.45	94	11562	2.865	ng	93
50) Dimethylphthalate	9.55	163	39221	5.906	ng	99

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

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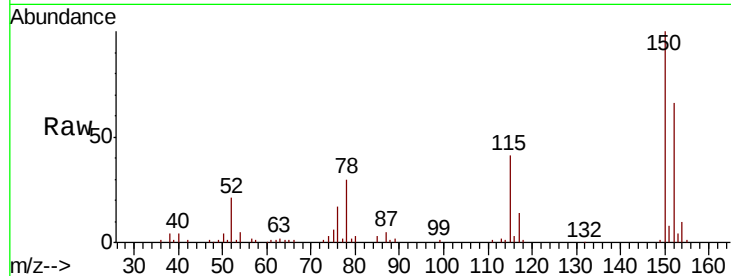


#1

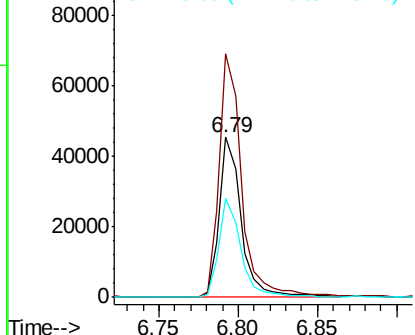
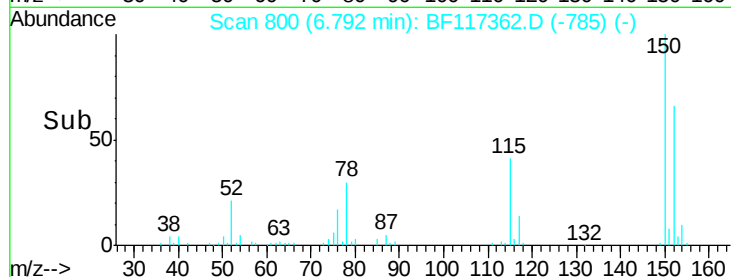
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Instrument :
BNA_F
ClientSampleId :
HH-CONCRETE

Tot Ion:152 Resp: 44217
Ion Ratio Lower Upper
152 100
150 152.0 127.5 191.3
115 61.7 55.0 82.4



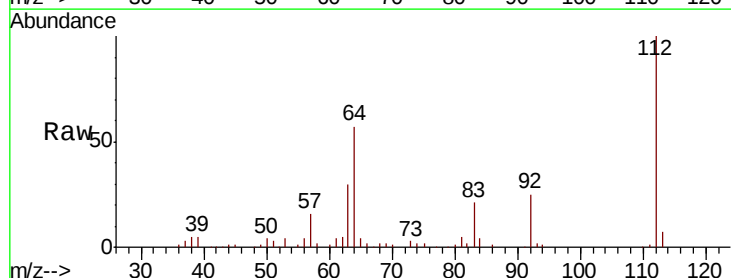
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



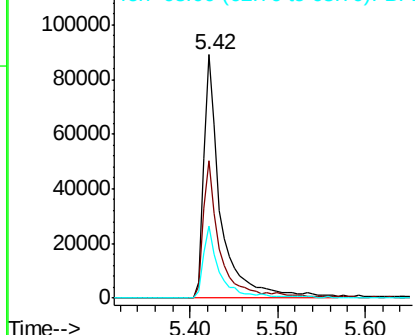
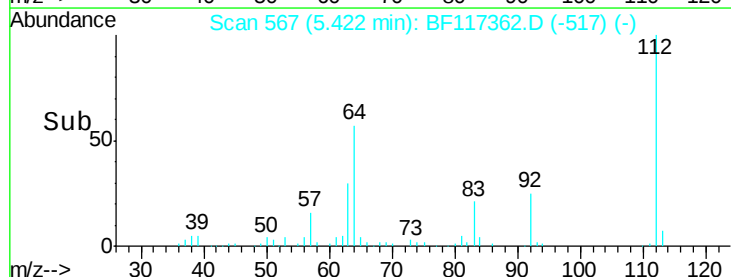
#5

2-Fluorophenol
Concen: 42.916 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Tgt Ion:112 Resp: 121544
Ion Ratio Lower Upper
112 100
64 56.7 45.7 68.5
63 29.5 24.9 37.3



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: 79.873 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF117362.D

Acq: 10 Oct 2019 16:15

Instrument :

BNA_F

ClientSampleId :

HH-CONCRETE

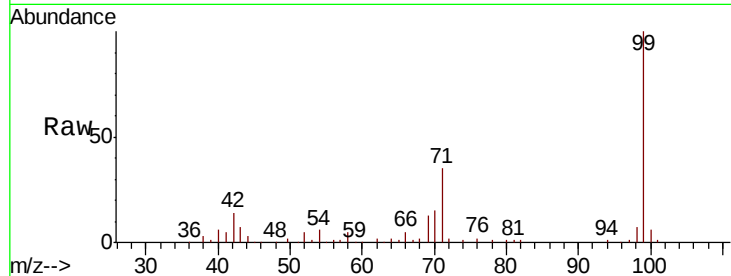
Tot Ion: 99 Resp: 292349

Ion Ratio Lower Upper

99 100

42 13.7 12.2 18.2

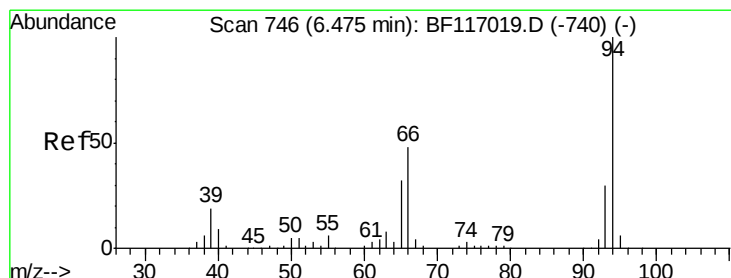
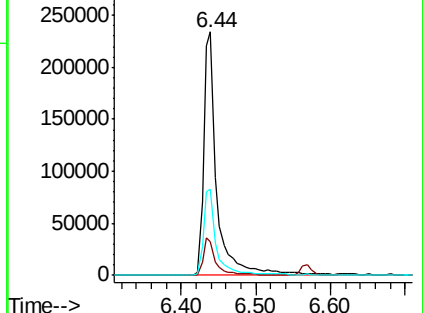
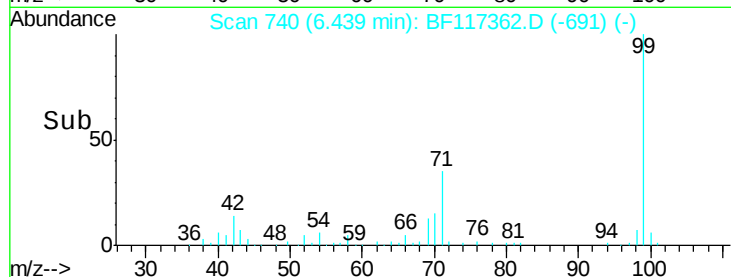
71 35.2 29.8 44.8



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: 2.865 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF117362.D

Acq: 10 Oct 2019 16:15

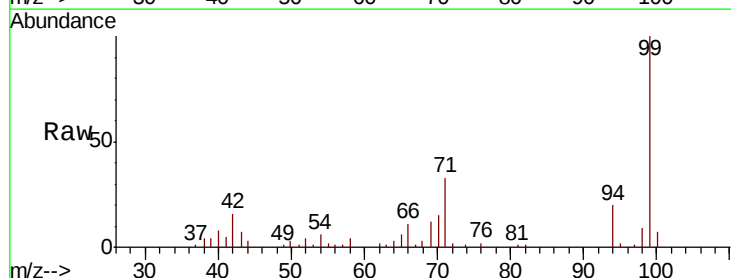
Tgt Ion: 94 Resp: 11562

Ion Ratio Lower Upper

94 100

65 30.6 12.5 52.5

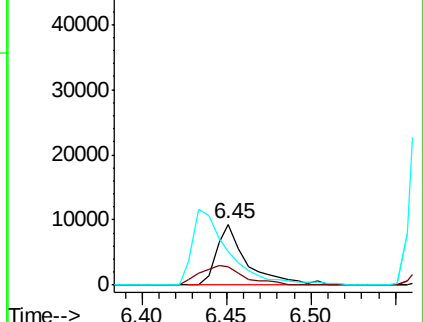
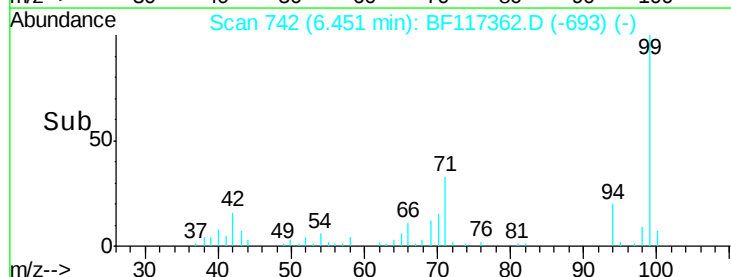
66 55.8 28.9 68.9

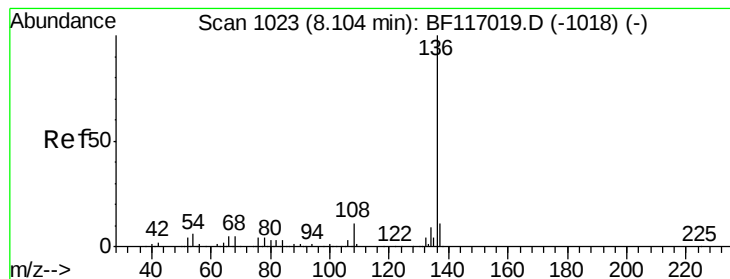


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF117362.D

Acq: 10 Oct 2019 16:15

Instrument :

BNA_F

ClientSampleId :

HH-CONCRETE

Tot Ion:136 Resp: 174094

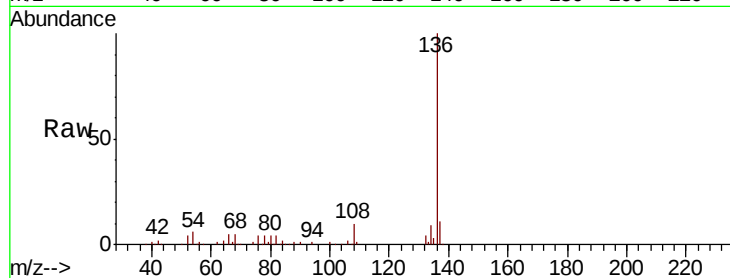
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.1 4.5 6.7

68 5.1 4.0 6.0

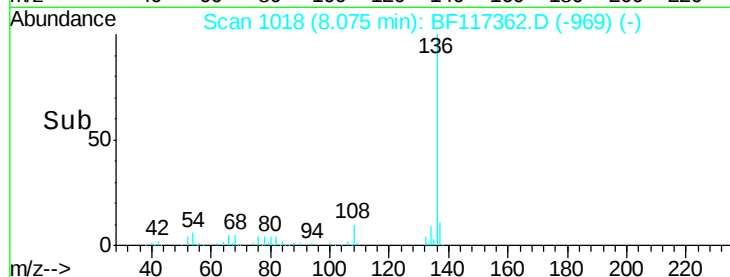


Abundance Ion 136.00 (135.70 to 136.70): E

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



Time-->

8.07

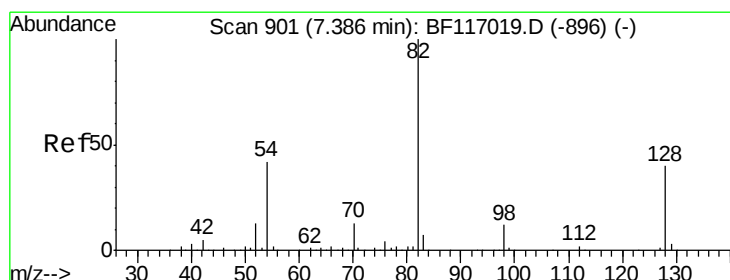
150000

100000

50000

0

8.00 8.10 8.20



#23

Nitrobenzene-d5

Concen: 62.605 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF117362.D

Acq: 10 Oct 2019 16:15

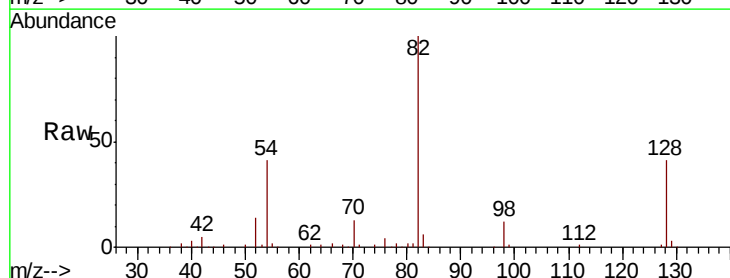
Tgt Ion: 82 Resp: 207436

Ion Ratio Lower Upper

82 100

128 41.3 32.3 48.5

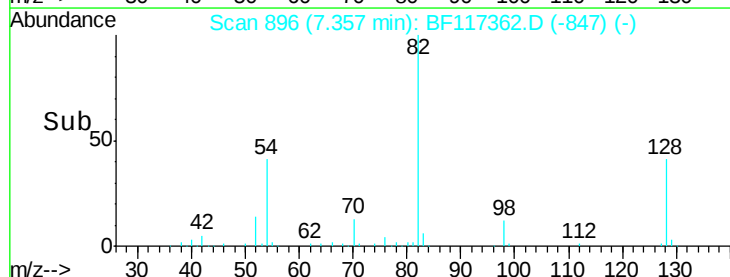
54 41.2 33.3 49.9



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



Time-->

7.36

200000

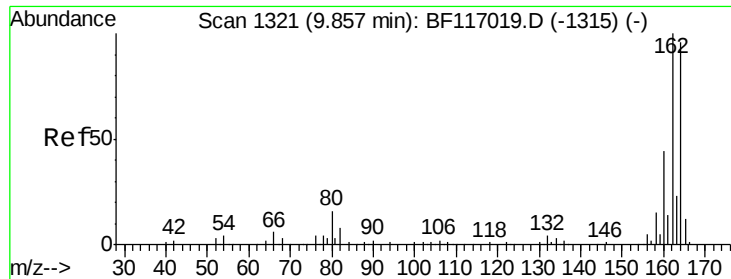
150000

100000

50000

0

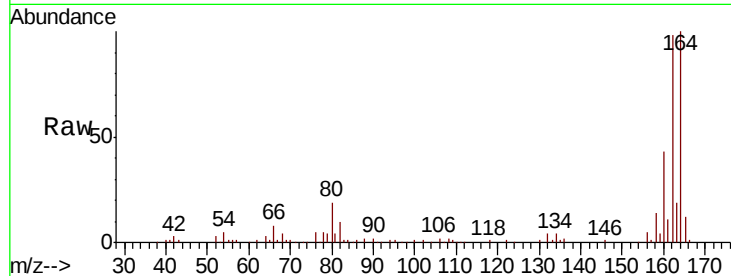
7.30 7.40 7.50



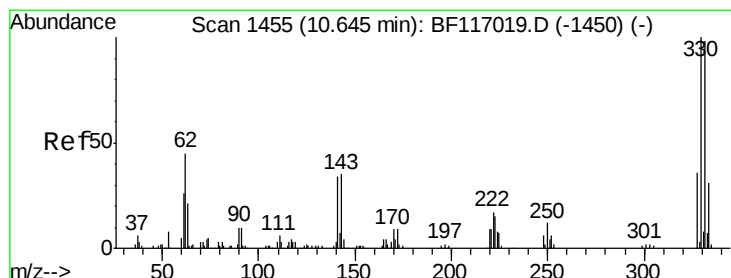
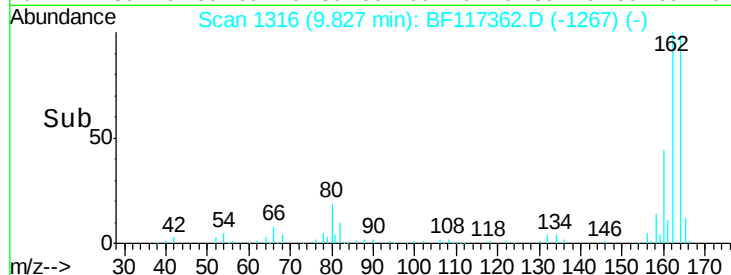
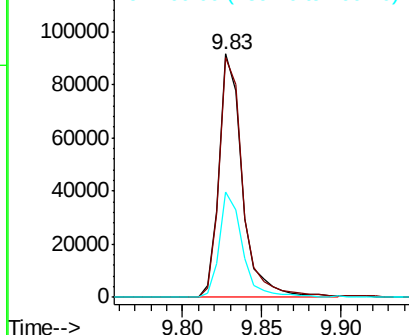
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Instrument :
BNA_F
ClientSampleId :
HH-CONCRETE

Tot Ion:164 Resp: 93789
Ion Ratio Lower Upper
164 100
162 98.5 83.4 125.2
160 43.2 36.4 54.6

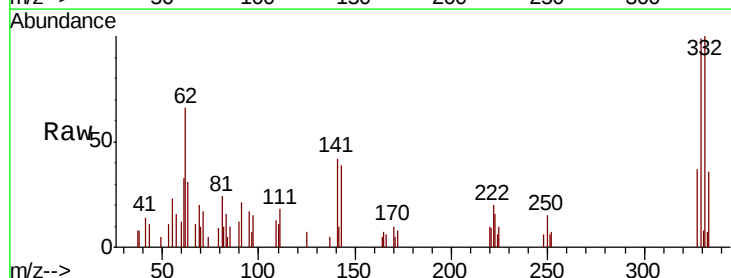


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

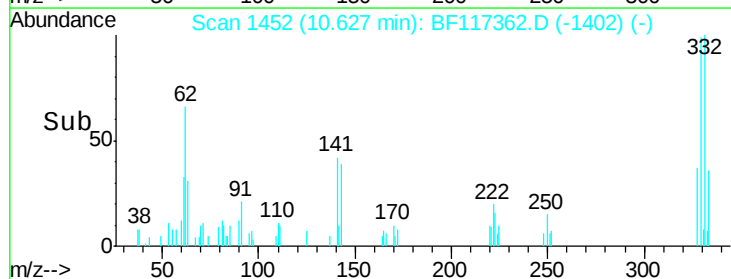
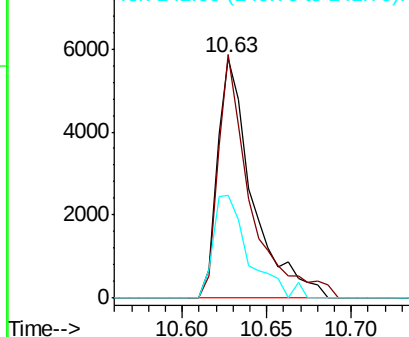


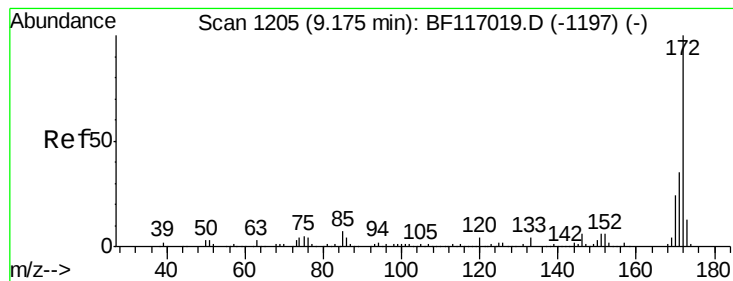
#42
2,4,6-Tribromophenol
Concen: 10.696 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Tgt Ion:330 Resp: 8384
Ion Ratio Lower Upper
330 100
332 93.4 78.0 117.0
141 43.6 35.8 53.6



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: 65.044 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF117362.D

Acq: 10 Oct 2019 16:15

Instrument :

BNA_F

ClientSampleId :

HH-CONCRETE

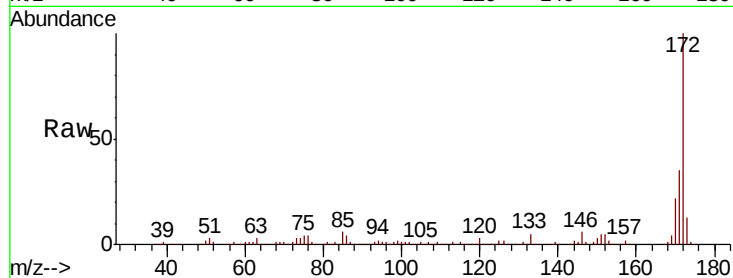
Tot Ion:172 Resp: 390159

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

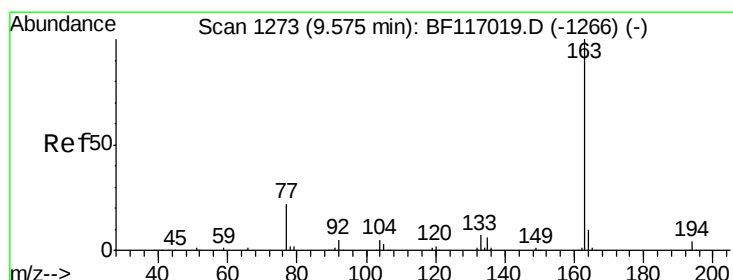
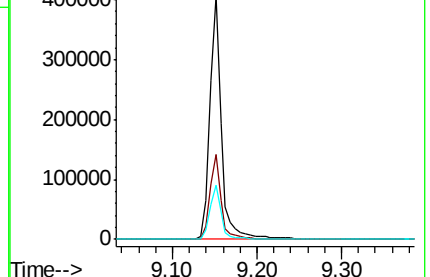
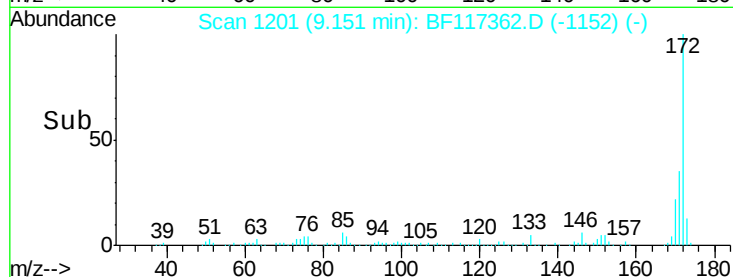
170 22.3 18.9 28.3



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: 5.906 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF117362.D

Acq: 10 Oct 2019 16:15

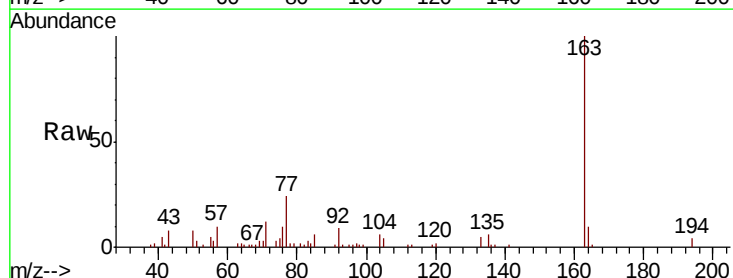
Tgt Ion:163 Resp: 39221

Ion Ratio Lower Upper

163 100

194 4.3 2.9 4.3

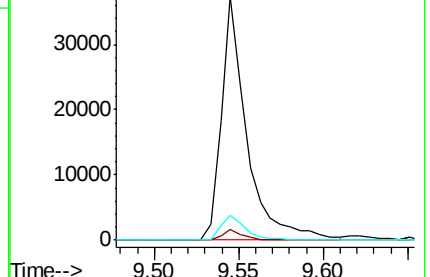
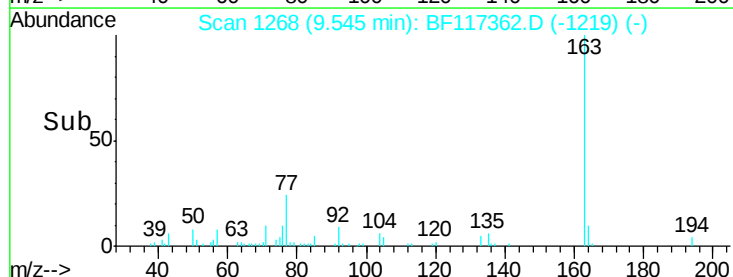
164 9.9 8.2 12.4

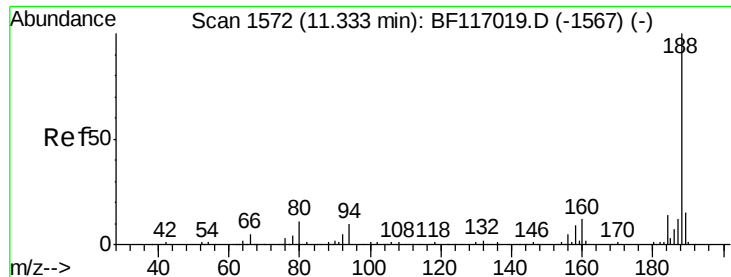


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

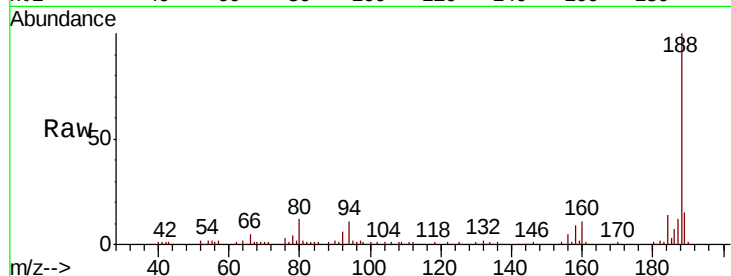




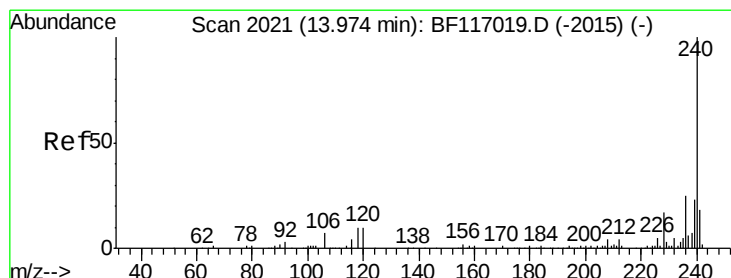
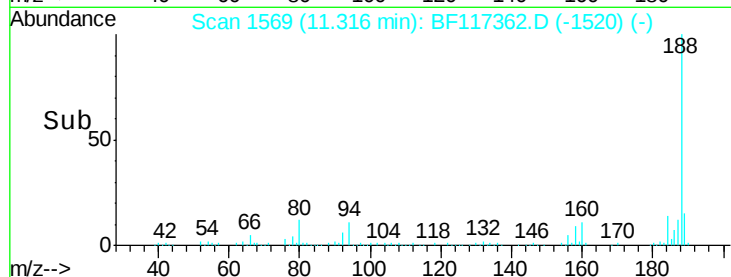
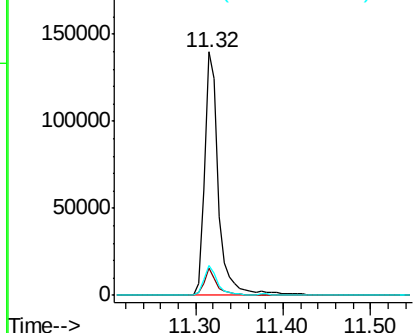
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Instrument :
BNA_F
ClientSampleId :
HH-CONCRETE

Tot Ion:188 Resp: 154874
Ion Ratio Lower Upper
188 100
94 11.0 8.2 12.2
80 12.2 9.0 13.6

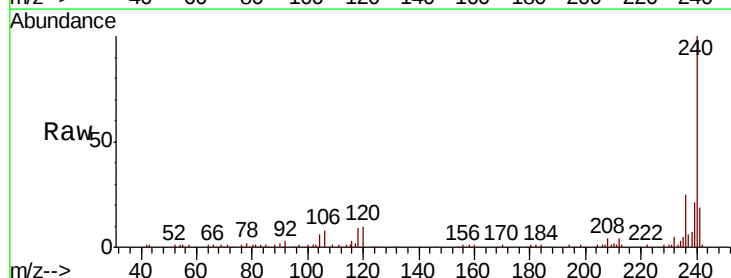


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

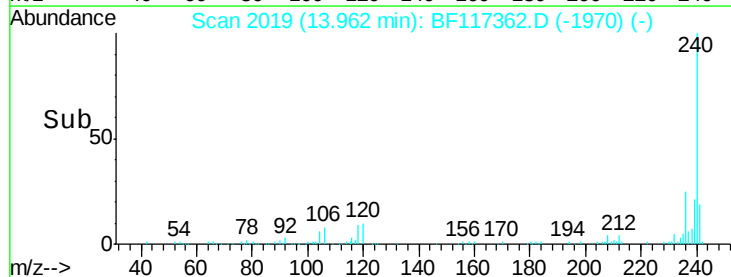
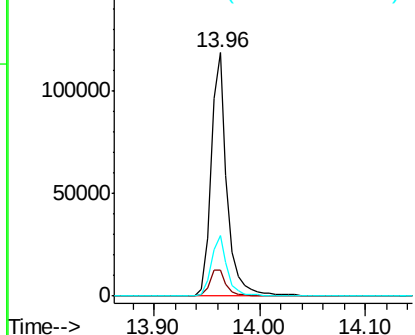


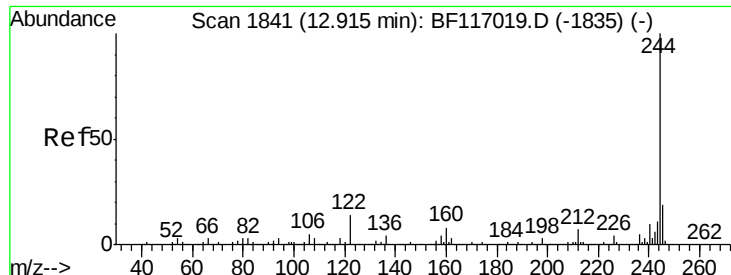
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF117362.D
Acq: 10 Oct 2019 16:15

Tgt Ion:240 Resp: 125406
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 24.9 20.3 30.5



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





#79

Terphenyl-d14

Concen: 60.947 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF117362.D

Acq: 10 Oct 2019 16:15

Instrument :

BNA_F

ClientSampleId :

HH-CONCRETE

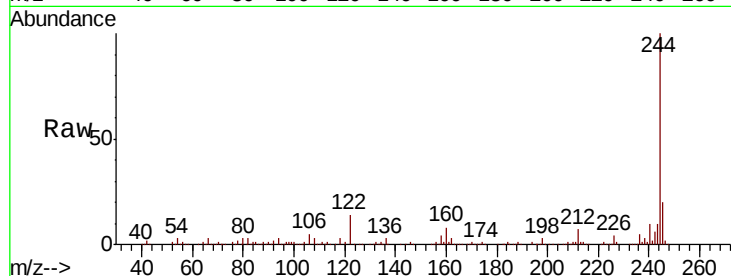
Tot Ion:244 Resp: 408892

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

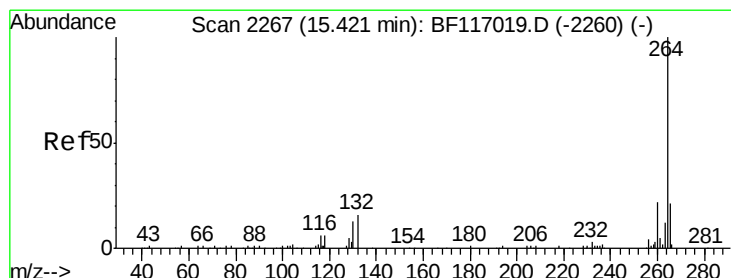
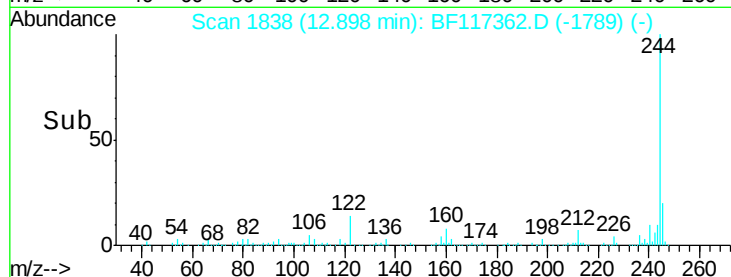
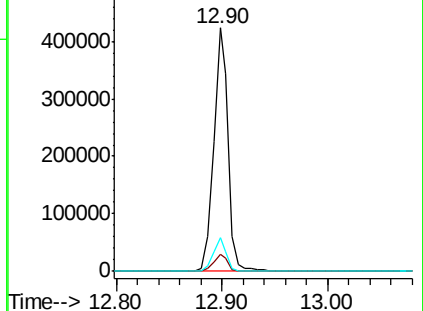
122 13.7 11.3 16.9



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF117362.D

Acq: 10 Oct 2019 16:15

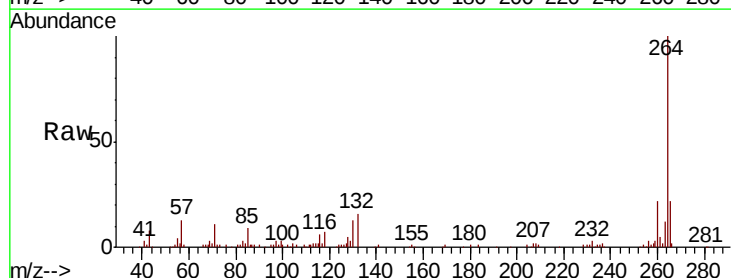
Tgt Ion:264 Resp: 117016

Ion Ratio Lower Upper

264 100

260 21.9 17.6 26.4

265 22.1 16.6 24.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

