

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
 Data File : BF112471.D
 Acq On : 8 Feb 2019 20:30
 Operator : JU/SJ
 Sample : K1422-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Quant Time: Feb 09 04:58:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

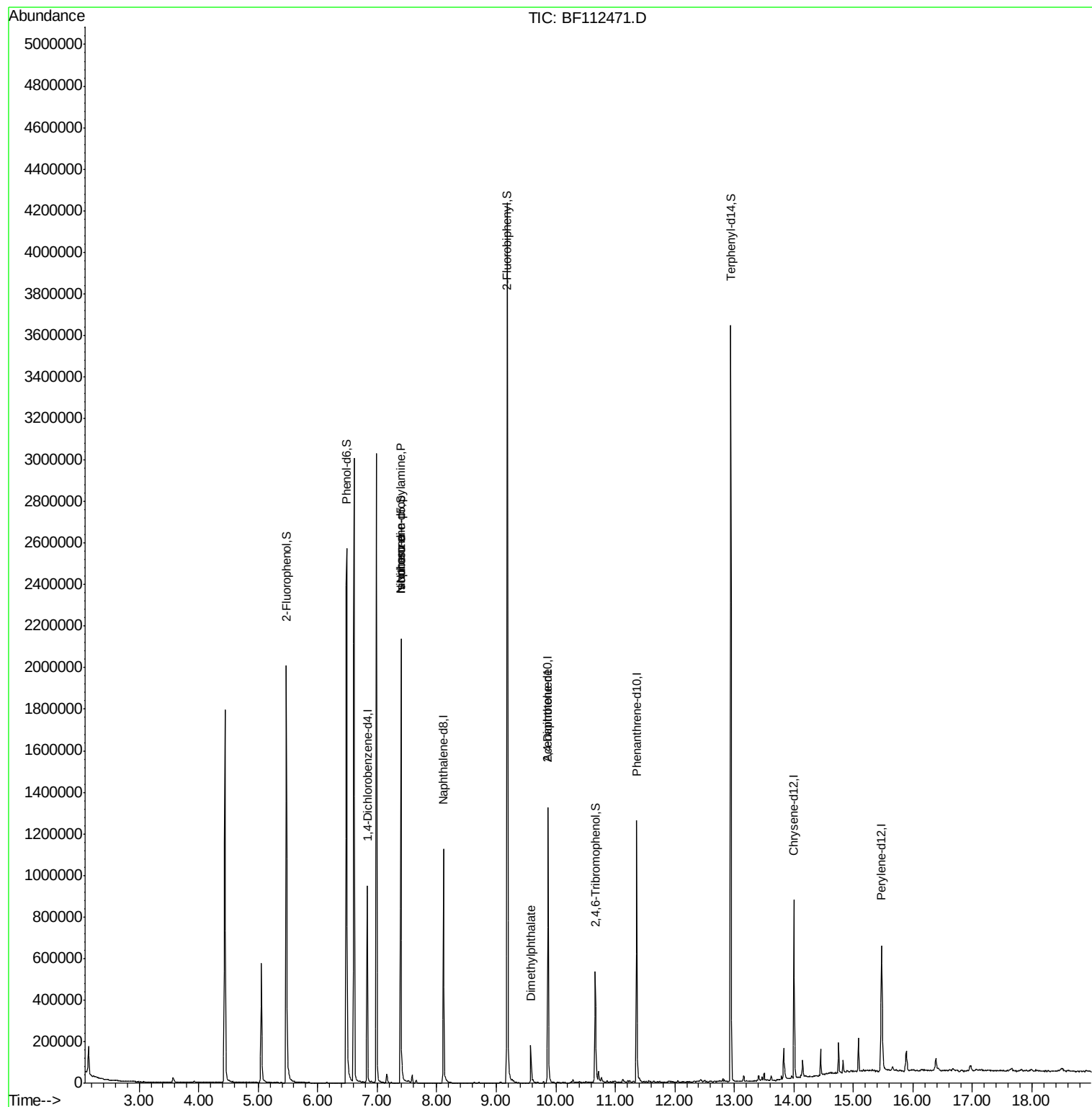
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	155827	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	599568	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	282705	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	489873	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	312741	20.00	ng	0.00
87) Perylene-d12	15.47	264	314403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	603194	82.22	ng	0.00
7) Phenol-d6	6.49	99	990058	97.12	ng	0.00
23) Nitrobenzene-d5	7.40	82	741501	71.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	79533	24.17	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1505448	75.32	ng	-0.01
79) Terphenyl-d14	12.94	244	1221318	73.55	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	98937	14.075	ng	# 75
25) Isophorone	7.40	82	741498	45.423	ng	# 64
50) Dimethylphthalate	9.58	163	106742	4.860	ng	99
57) 2,4-Dinitrotoluene	9.87	165	35554	5.677	ng	# 32

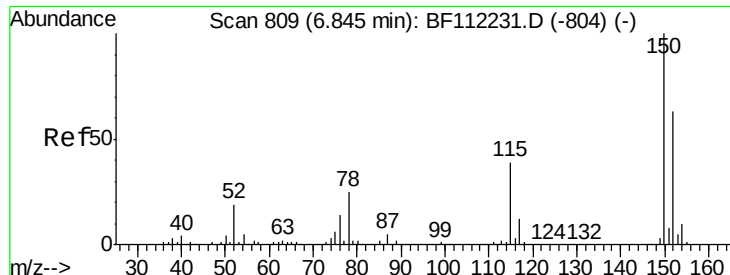
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020819\
Data File : BF112471.D
Acq On : 8 Feb 2019 20:30
Operator : JU/SJ
Sample : K1422-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Quant Time: Feb 09 04:58:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration



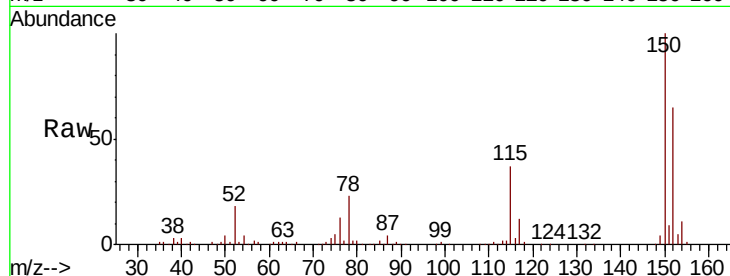


#1

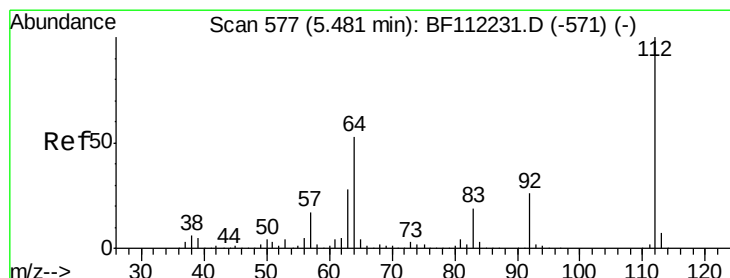
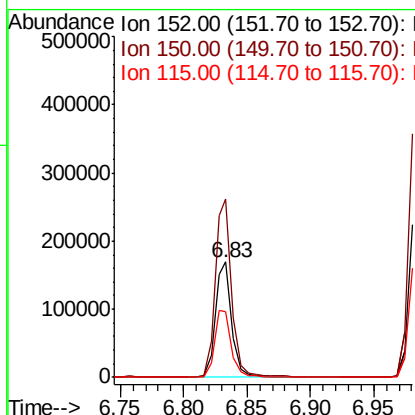
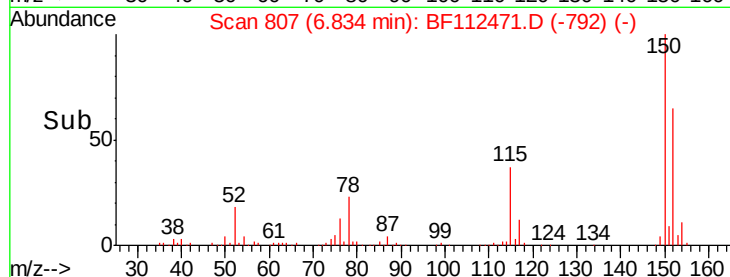
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112471.D
Acq: 8 Feb 2019 20:30

Instrument :
BNA_F
ClientSampleId :
CONCRETE

Tot Ion:152 Resp: 155827
Ion Ratio Lower Upper
152 100
150 155.0 127.4 191.0
115 56.6 45.5 68.3



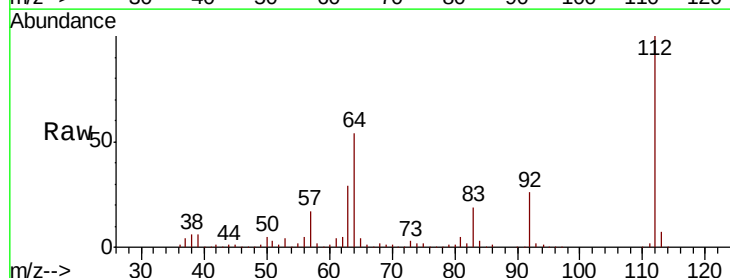
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



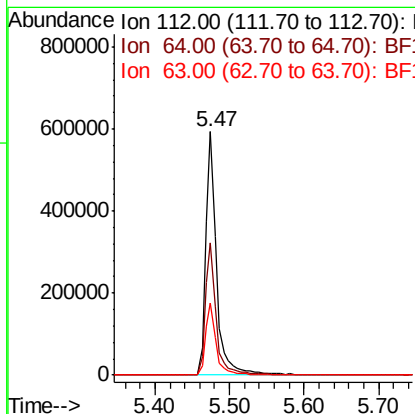
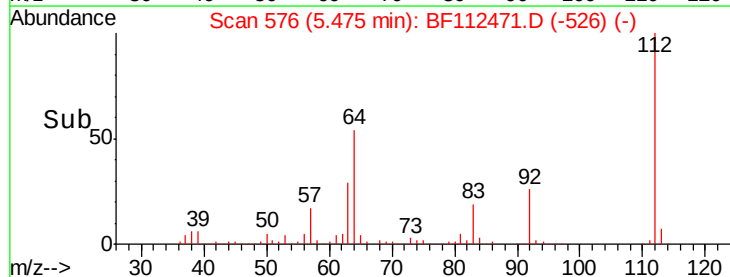
#5

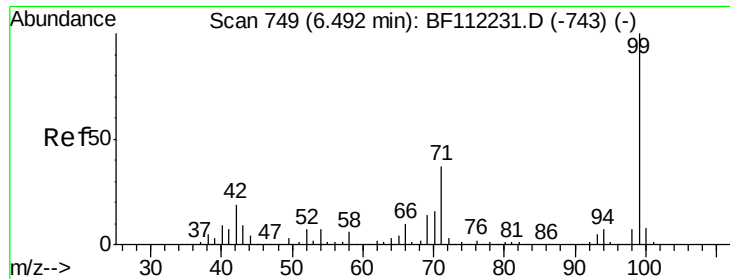
2-Fluorophenol
Concen: 82.221 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112471.D
Acq: 8 Feb 2019 20:30

Tgt Ion:112 Resp: 603194
Ion Ratio Lower Upper
112 100
64 54.4 45.7 68.5
63 29.4 23.6 35.4



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: 97.121 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112471.D

Acq: 8 Feb 2019 20:30

Instrument :

BNA_F

ClientSampleId :

CONCRETE

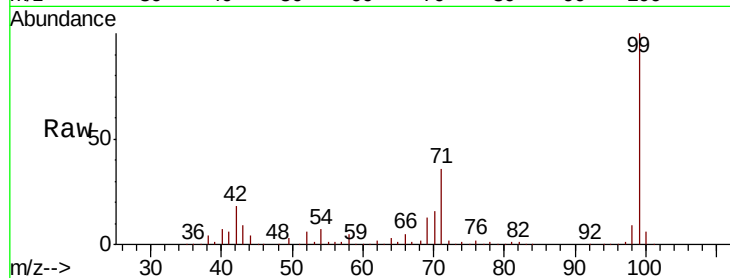
Tot Ion: 99 Resp: 990058

Ion Ratio Lower Upper

99 100

42 17.8 15.1 22.7

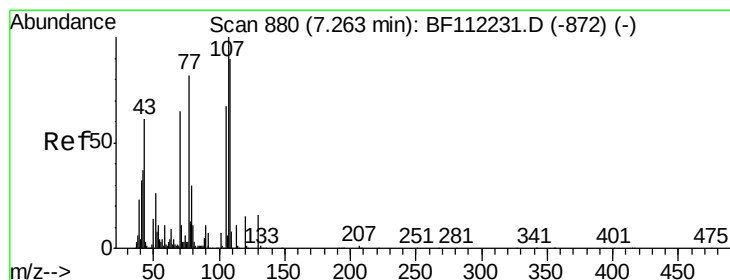
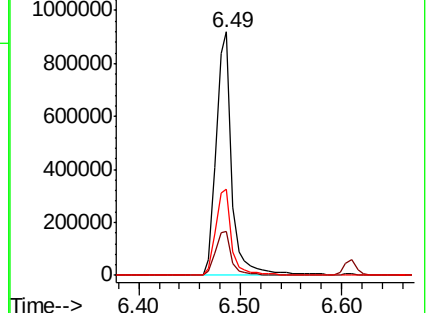
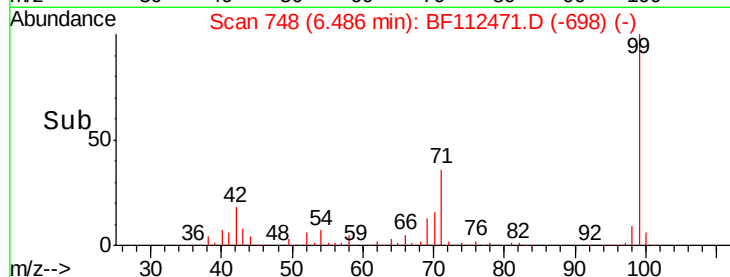
71 35.6 26.9 40.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.075 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112471.D

Acq: 8 Feb 2019 20:30

Tgt Ion: 70 Resp: 98937

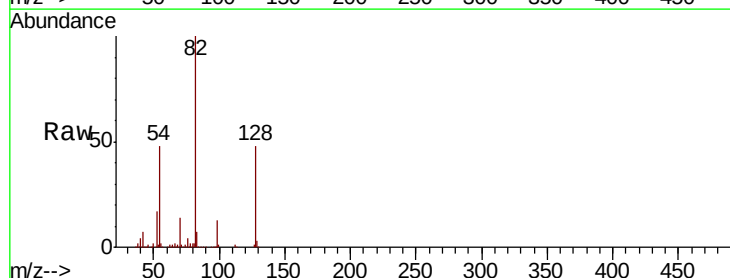
Ion Ratio Lower Upper

70 100

42 46.1 47.6 71.4#

101 0.0 7.9 11.9#

130 2.1 18.4 27.6#

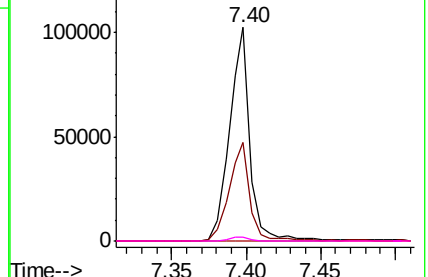
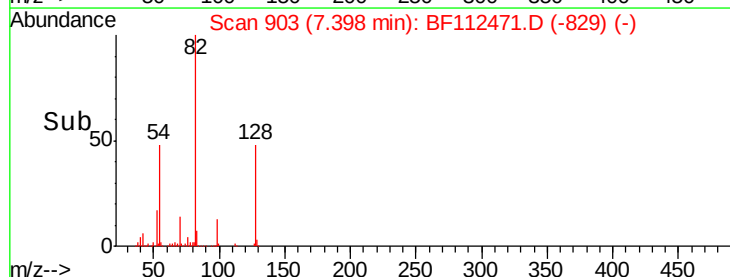


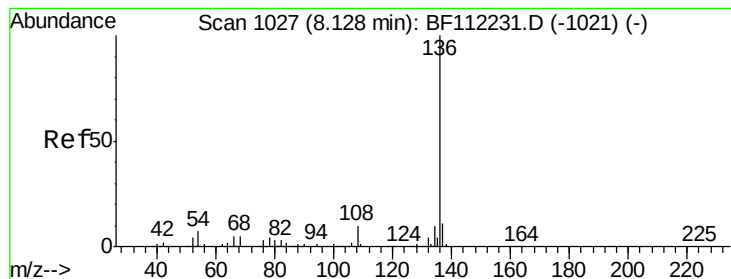
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112471.D

Acq: 8 Feb 2019 20:30

Instrument :

BNA_F

ClientSampleId :

CONCRETE

Tot Ion:136 Resp: 599568

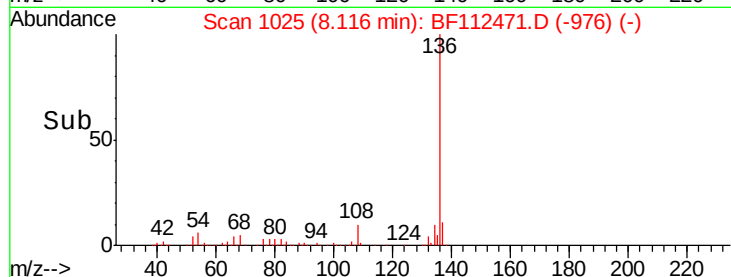
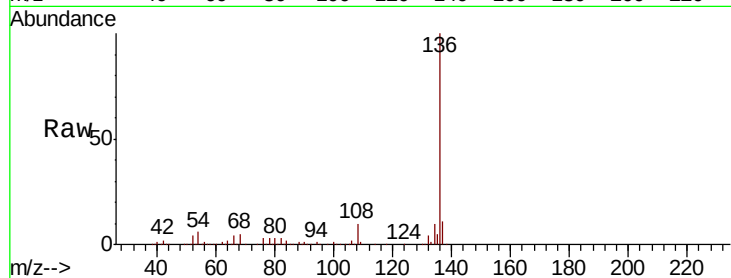
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 6.0 5.9 8.9

68 4.6 5.1 7.7#

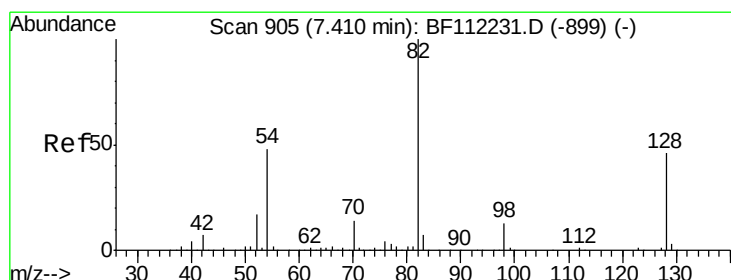
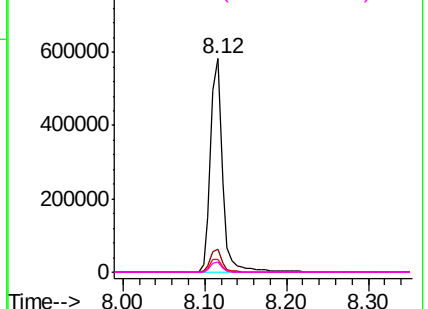


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.260 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112471.D

Acq: 8 Feb 2019 20:30

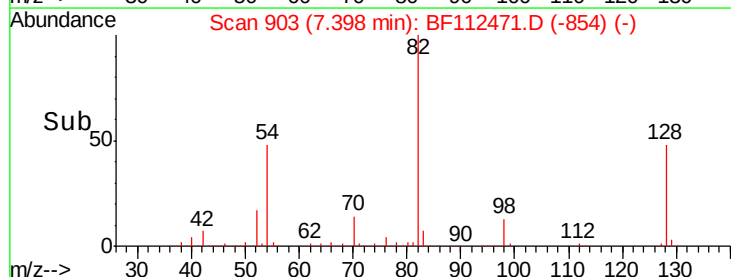
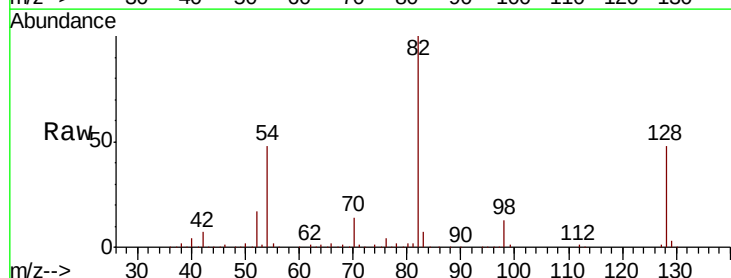
Tgt Ion: 82 Resp: 741501

Ion Ratio Lower Upper

82 100

128 48.3 37.8 56.8

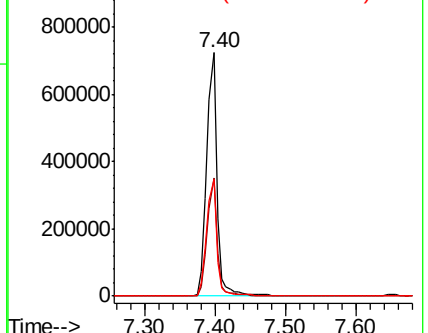
54 47.8 39.7 59.5

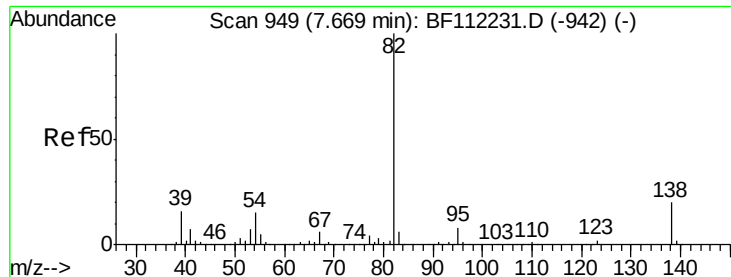


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.423 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112471.D

Acq: 8 Feb 2019 20:30

Instrument :

BNA_F

ClientSampleId :

CONCRETE

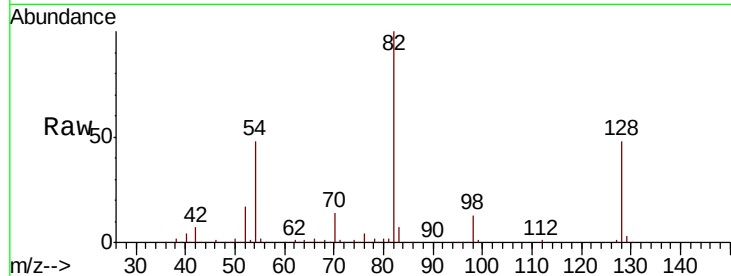
Tot Ion: 82 Resp: 741498

Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

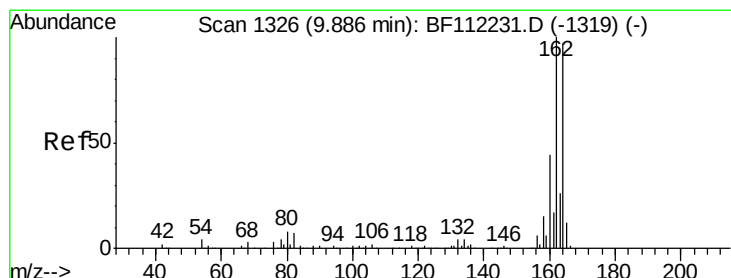
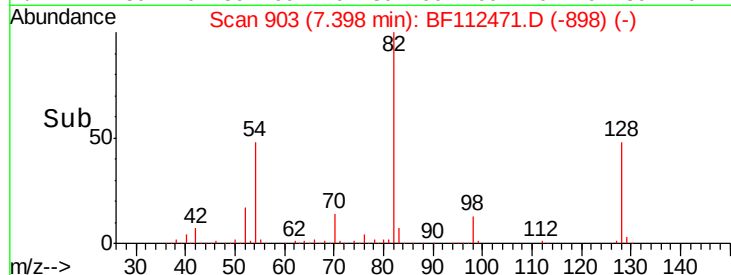
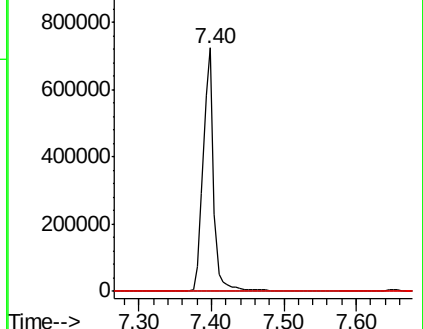
138 0.0 15.4 23.0#



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112471.D

Acq: 8 Feb 2019 20:30

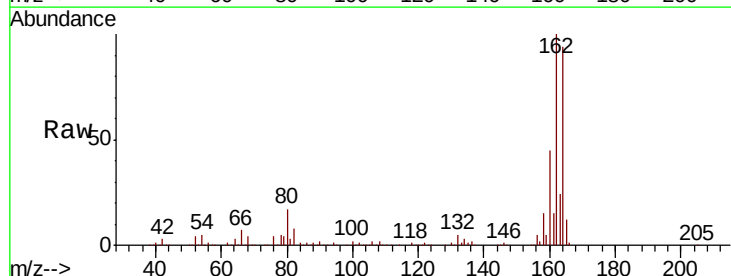
Tgt Ion:164 Resp: 282705

Ion Ratio Lower Upper

164 100

162 106.2 82.2 123.4

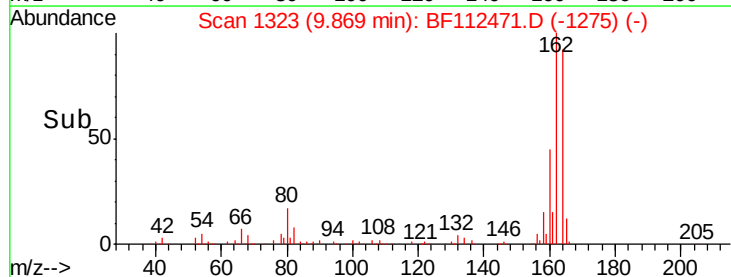
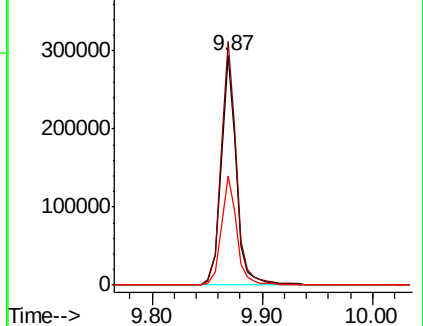
160 47.7 36.2 54.4

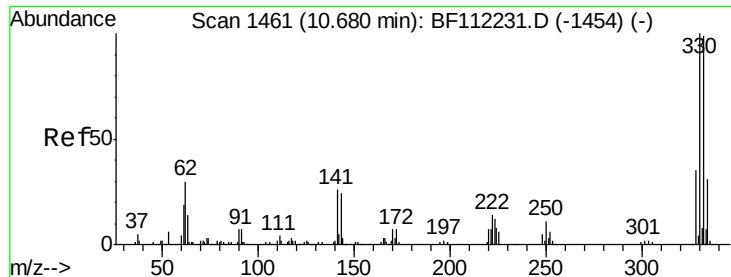


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 24.170 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112471.D

Acq: 8 Feb 2019 20:30

Instrument :

BNA_F

ClientSampleId :

CONCRETE

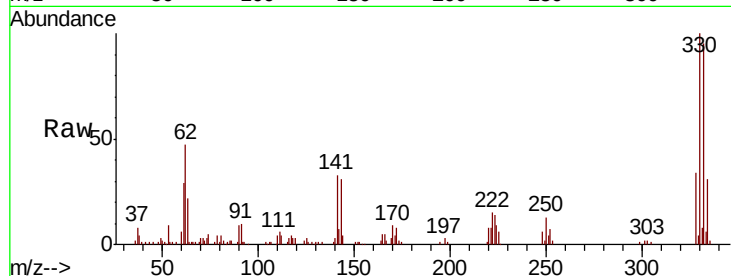
Tot Ion:330 Resp: 79533

Ion Ratio Lower Upper

330 100

332 95.2 76.6 114.8

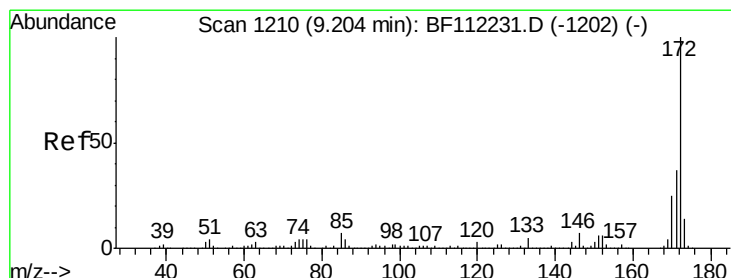
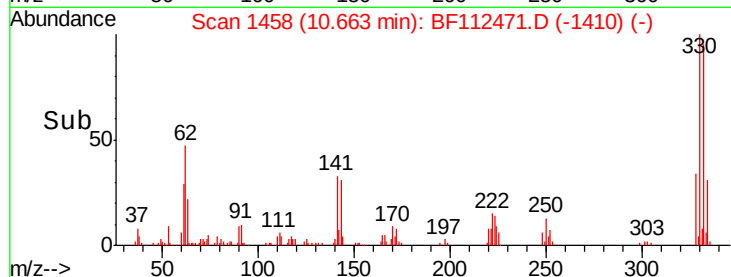
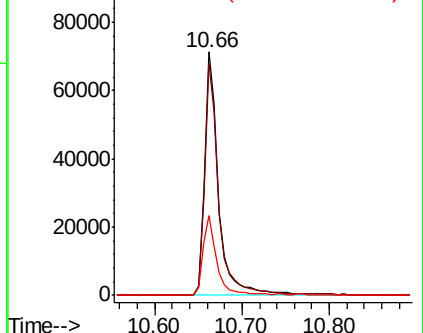
141 32.2 24.3 36.5



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: 75.316 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112471.D

Acq: 8 Feb 2019 20:30

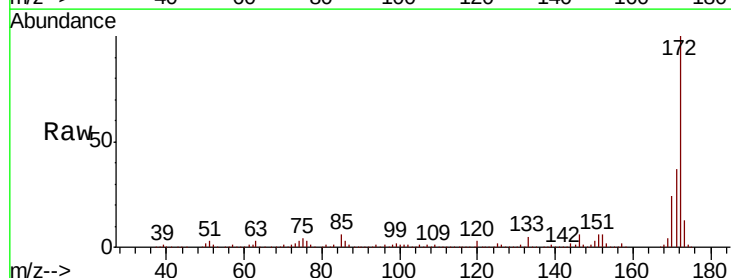
Tgt Ion:172 Resp: 1505448

Ion Ratio Lower Upper

172 100

171 37.0 30.5 45.7

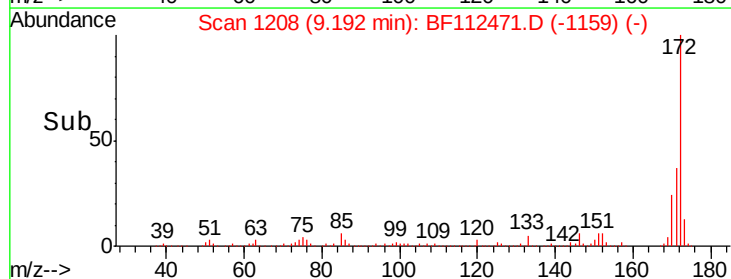
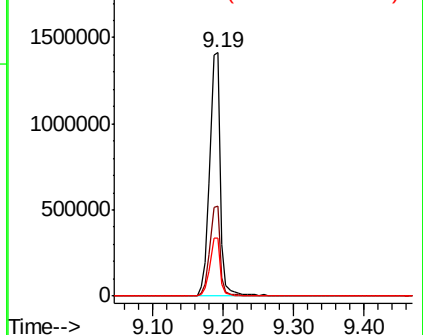
170 23.9 20.2 30.4

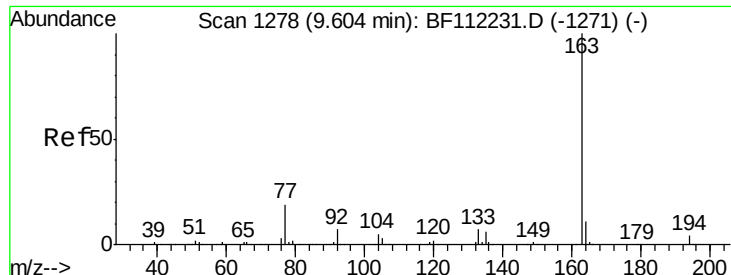


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

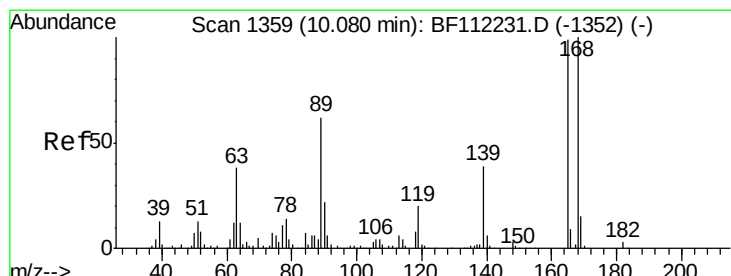
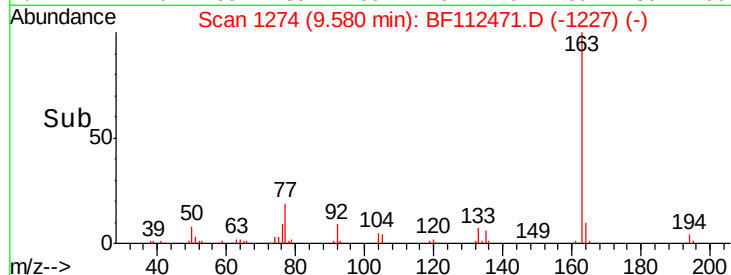
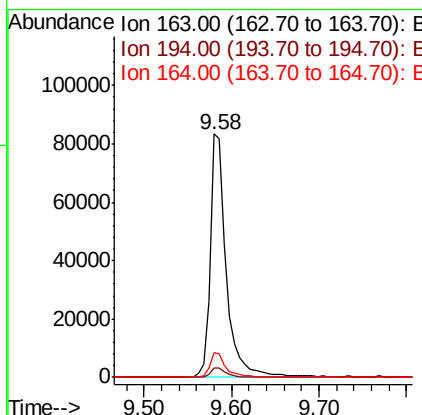
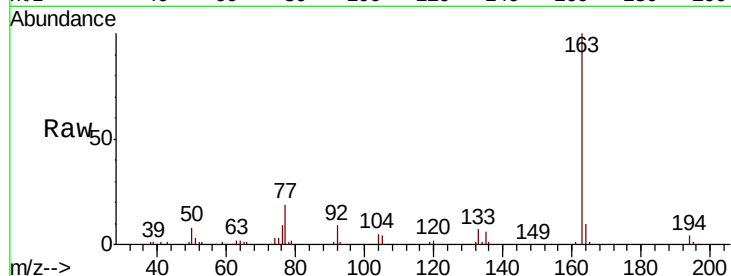




#50
Dimethylphthalate
Concen: 4.860 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112471.D
Acq: 8 Feb 2019 20:30

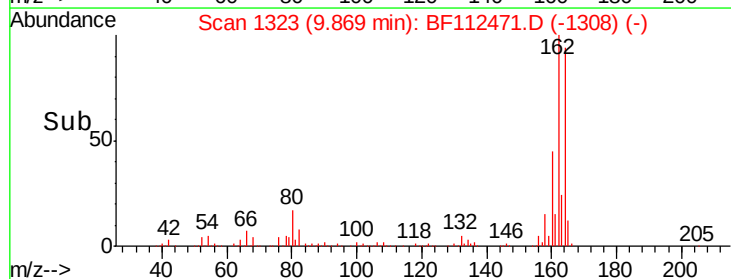
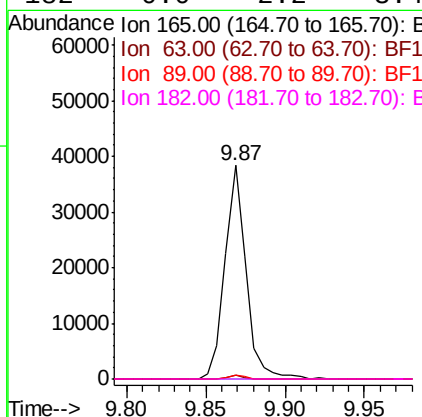
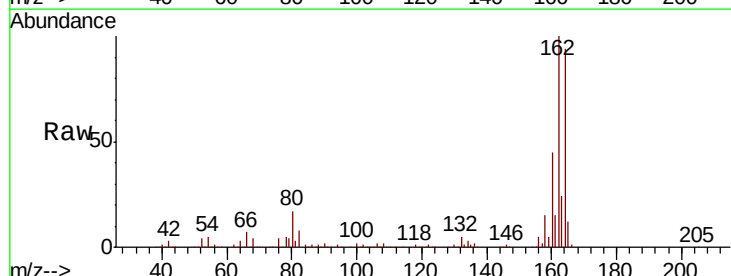
Instrument :
BNA_F
ClientSampleId :
CONCRETE

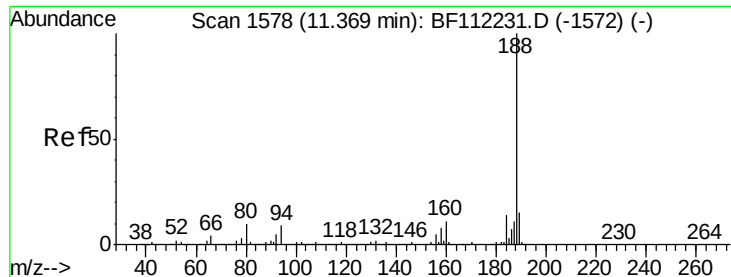
Tot Ion:163 Resp: 106742
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.0 8.5 12.7



#57
2,4-Dinitrotoluene
Concen: 5.677 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112471.D
Acq: 8 Feb 2019 20:30

Tgt Ion:165 Resp: 35554
Ion Ratio Lower Upper
165 100
63 1.7 27.9 41.9#
89 1.6 47.9 71.9#
182 0.0 2.2 3.4#

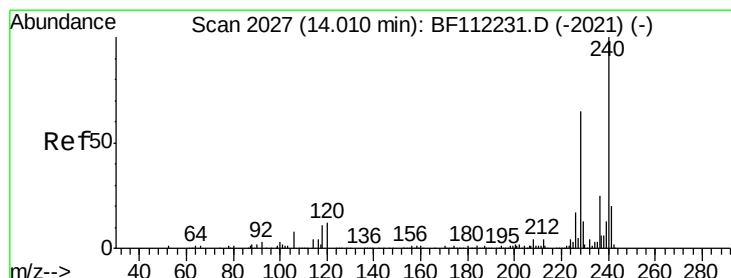
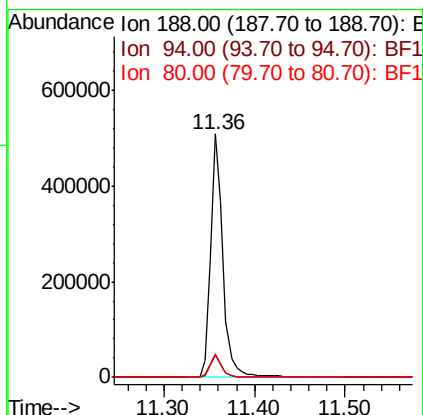
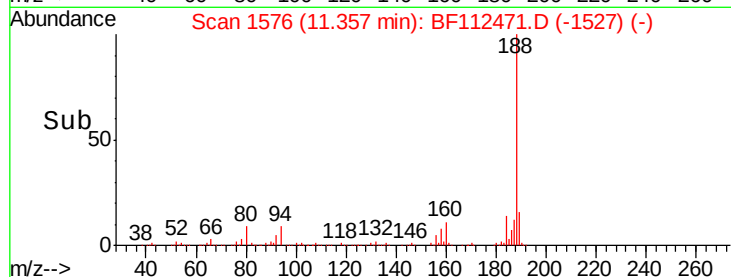
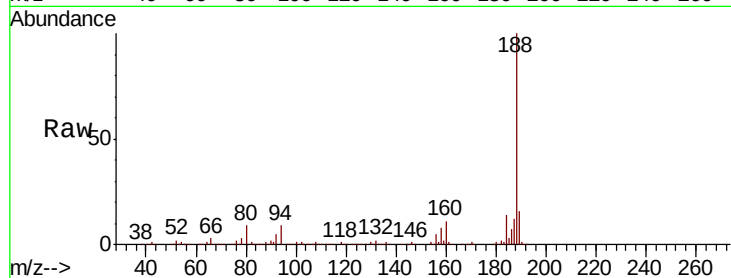




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF112471.D
Acq: 8 Feb 2019 20:30

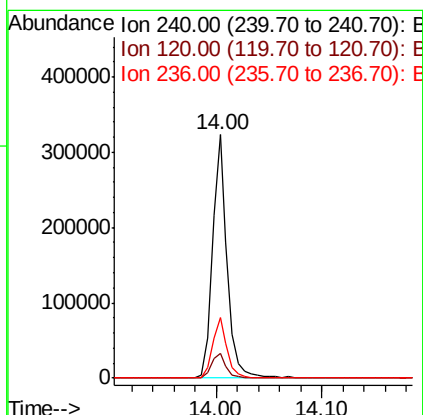
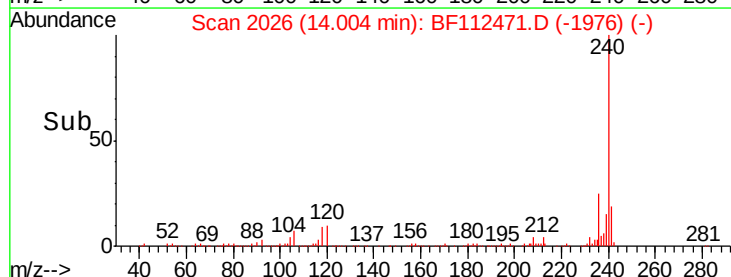
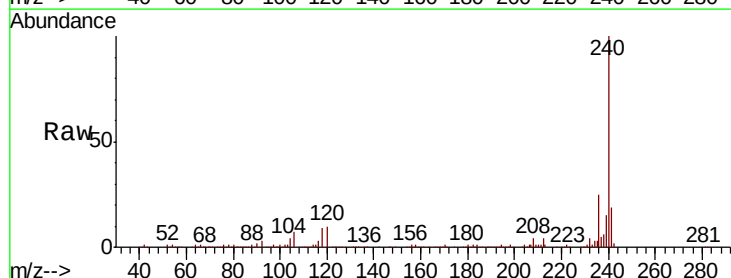
Instrument :
BNA_F
ClientSampleId :
CONCRETE

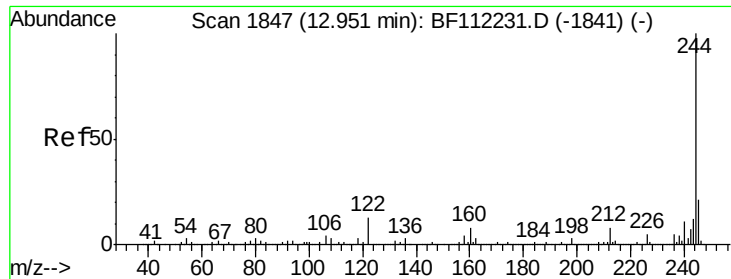
Tot Ion:188 Resp: 489873
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.5 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112471.D
Acq: 8 Feb 2019 20:30

Tgt Ion:240 Resp: 312741
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.6
236 24.8 20.7 31.1

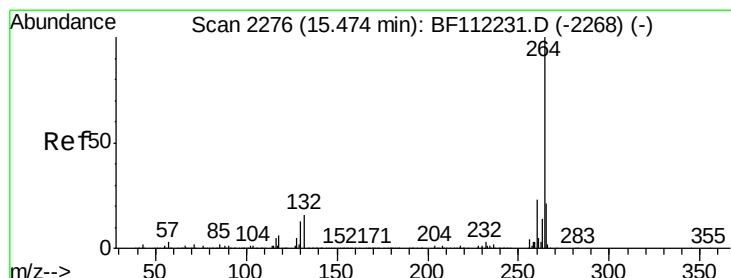
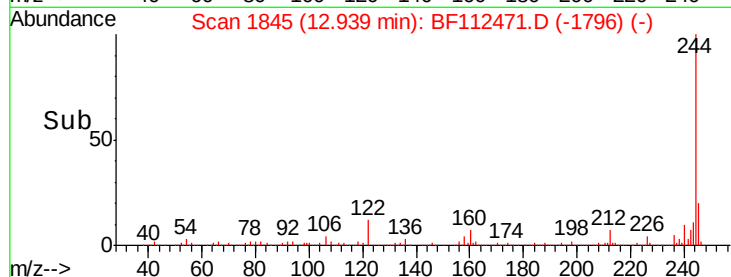
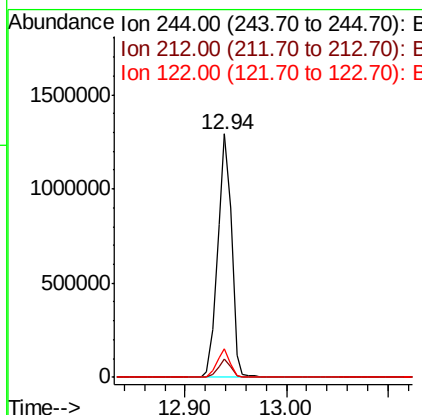
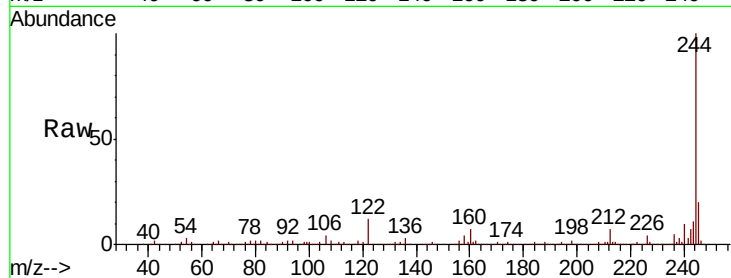




#79
 Terphenyl-d14
 Concen: 73.552 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112471.D
 Acq: 8 Feb 2019 20:30

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE

Tot Ion:244 Resp: 1221318
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 12.0 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112471.D
 Acq: 8 Feb 2019 20:30

Tgt Ion:264 Resp: 314403
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.2 27.2
 265 22.0 17.0 25.4

