

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114338.D
 Acq On : 17 May 2019 5:00
 Operator : JU/SJ
 Sample : K2867-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-B

Quant Time: May 17 08:11:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

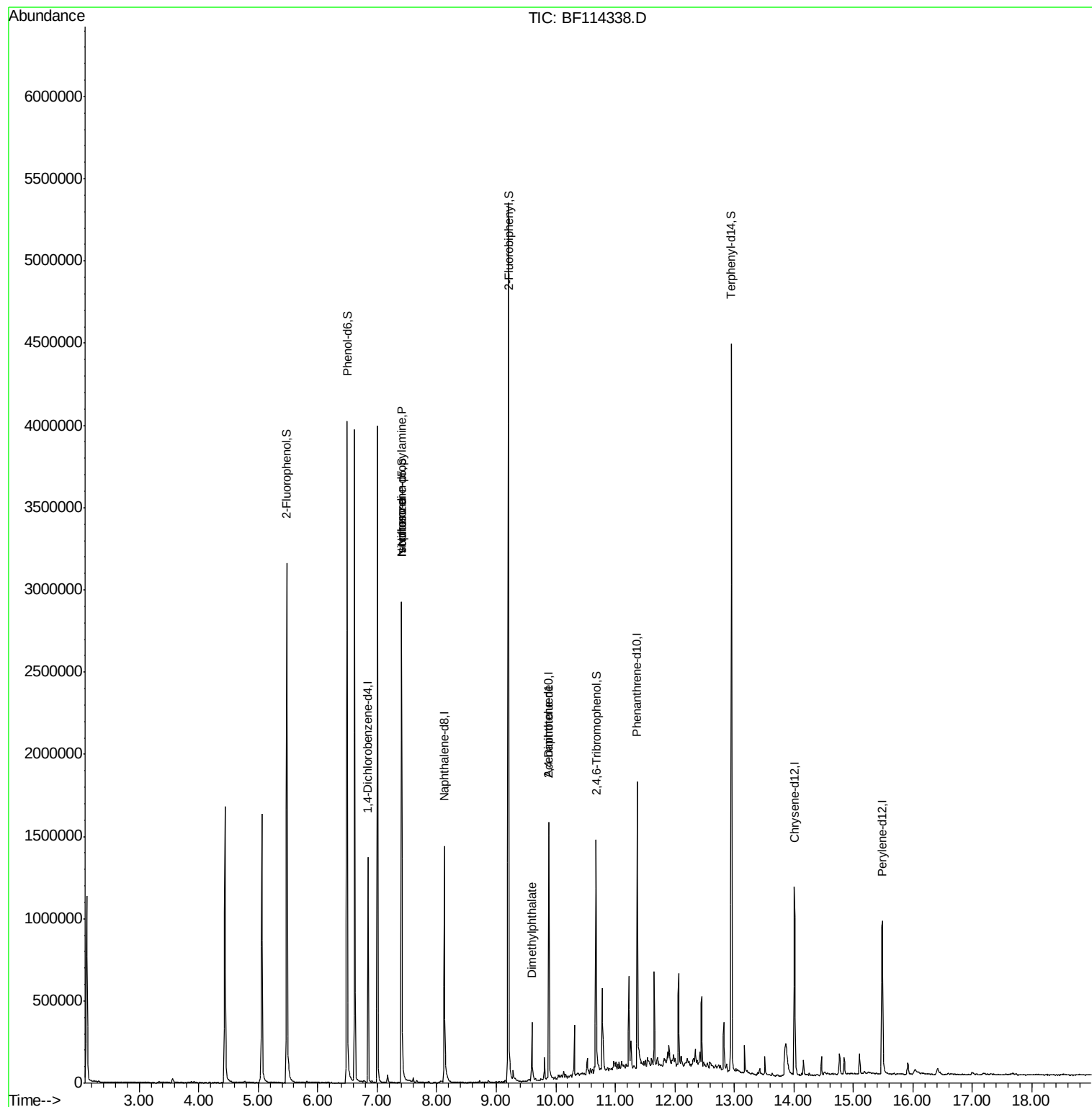
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	195786	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	748032	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	345767	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	652454	20.00	ng	0.00
76) Chrysene-d12	14.01	240	411592	20.00	ng	-0.01
87) Perylene-d12	15.49	264	461050	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	900264	74.00	ng	0.00
7) Phenol-d6	6.49	99	1395868	97.01	ng	0.00
23) Nitrobenzene-d5	7.41	82	953630	71.54	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	191959	53.70	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1720799	75.28	ng	0.00
79) Terphenyl-d14	12.95	244	1485400	74.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	126007	13.816	ng	# 74
25) Isophorone	7.41	82	953630	38.577	ng	# 64
50) Dimethylphthalate	9.60	163	166043	6.542	ng	98
57) 2,4-Dinitrotoluene	9.88	165	44478	5.821	ng	# 25

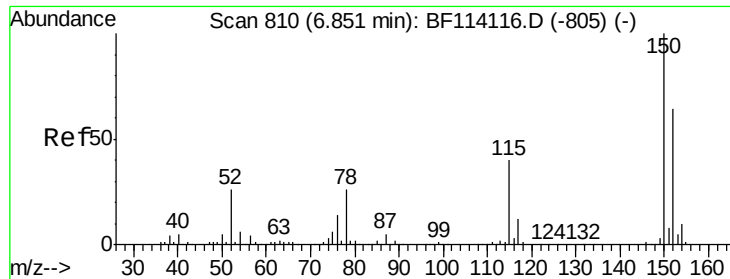
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114338.D
Acq On : 17 May 2019 5:00
Operator : JU/SJ
Sample : K2867-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CONCRETE-B

Quant Time: May 17 08:11:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



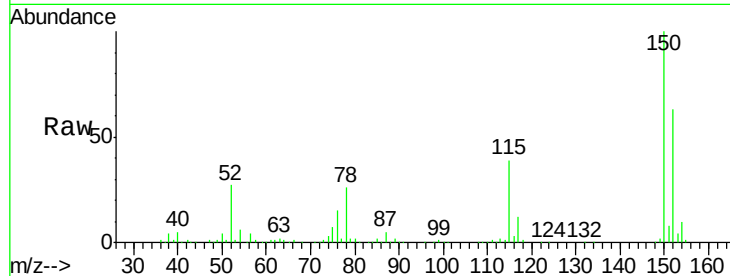


#1

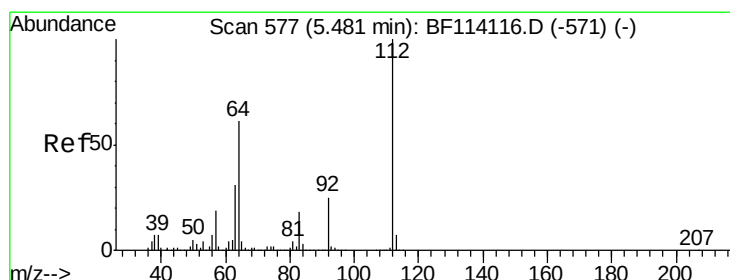
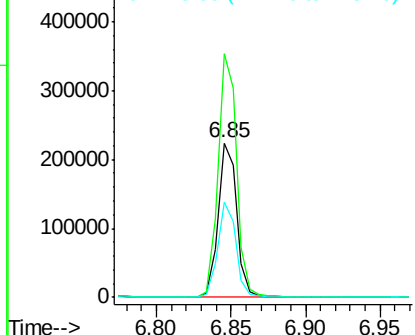
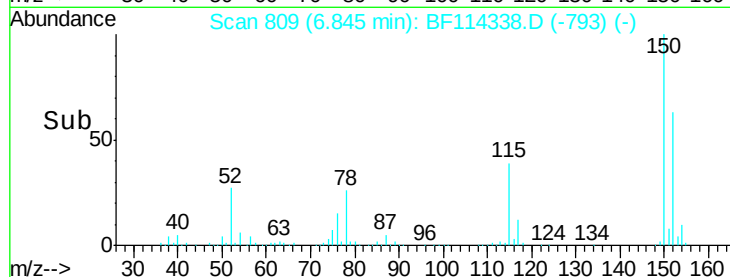
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114338.D
Acq: 17 May 2019 5:00

Instrument :
BNA_F
ClientSampleId :
CONCRETE-B

Tot Ion:152 Resp: 195786
Ion Ratio Lower Upper
152 100
150 157.8 124.3 186.5
115 62.0 49.1 73.7



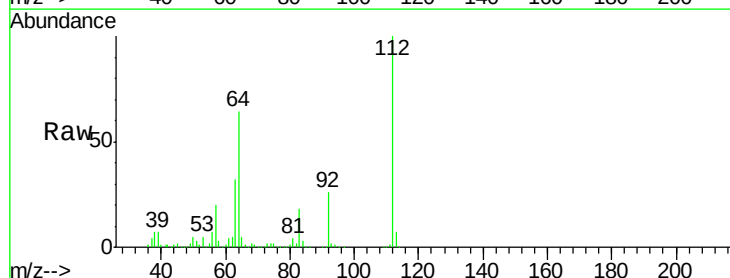
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



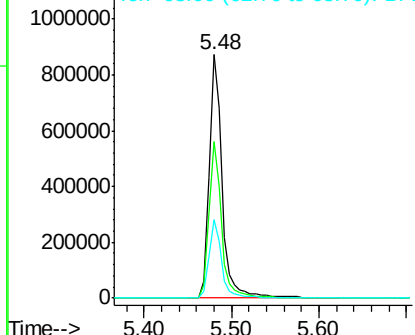
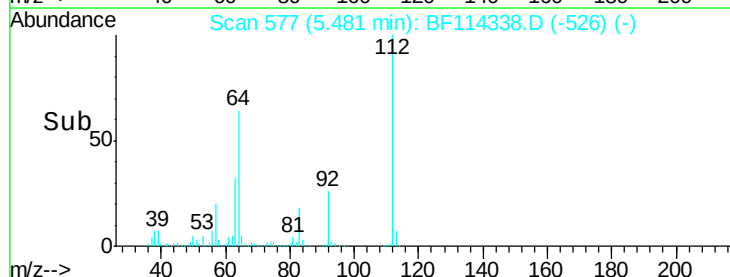
#5

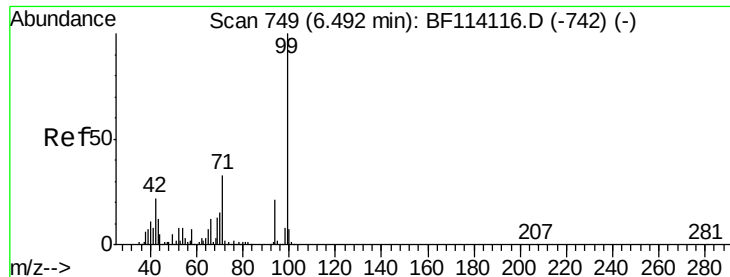
2-Fluorophenol
Concen: 73.997 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114338.D
Acq: 17 May 2019 5:00

Tgt Ion:112 Resp: 900264
Ion Ratio Lower Upper
112 100
64 64.5 49.0 73.6
63 32.3 24.6 37.0



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: 97.007 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114338.D

Acq: 17 May 2019 5:00

Instrument :

BNA_F

ClientSampleId :

CONCRETE-B

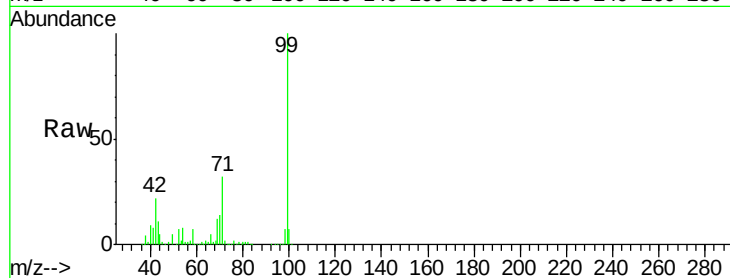
Tot Ion: 99 Resp: 1395868

Ion Ratio Lower Upper

99 100

42 21.7 17.9 26.9

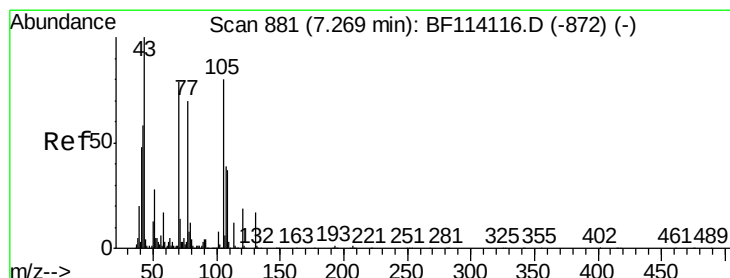
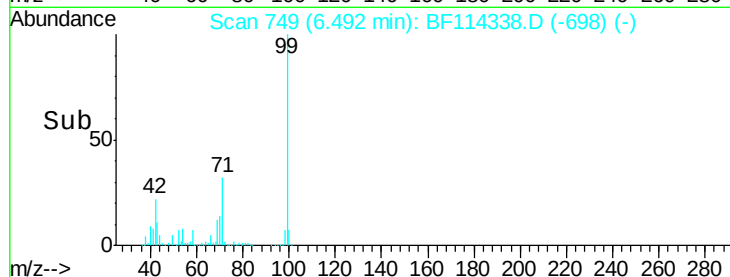
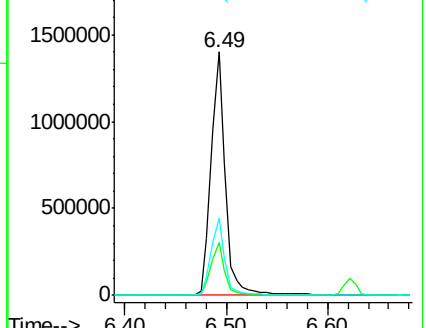
71 31.9 26.2 39.2



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: 13.816 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114338.D

Acq: 17 May 2019 5:00

Tgt Ion: 70 Resp: 126007

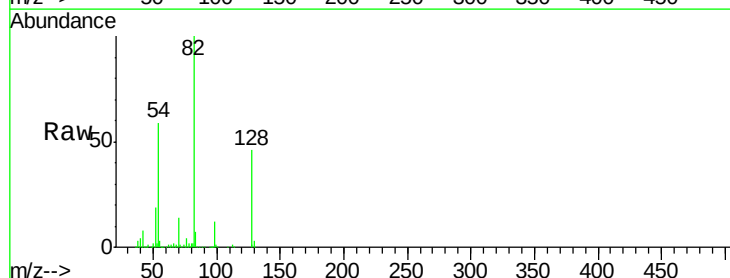
Ion Ratio Lower Upper

70 100

42 55.3 58.6 87.8#

101 0.0 7.8 11.8#

130 2.1 17.1 25.7#

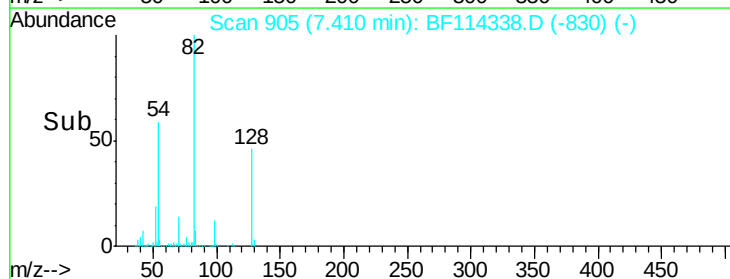
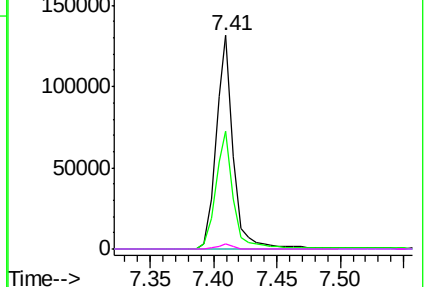


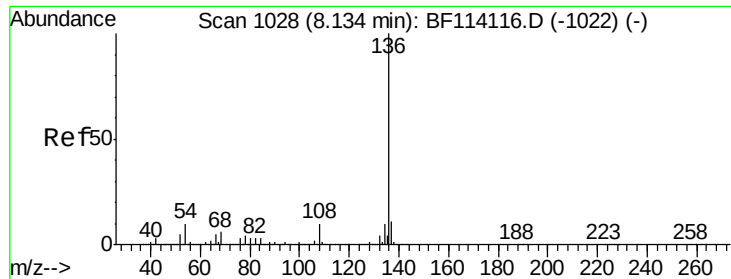
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

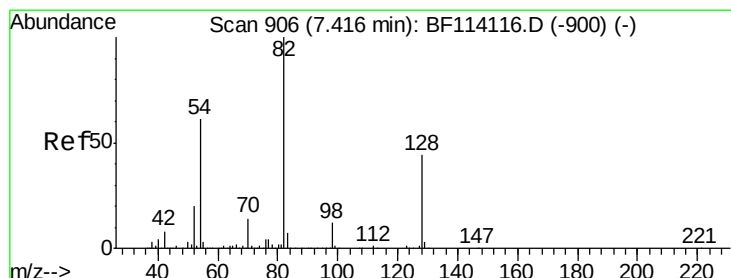
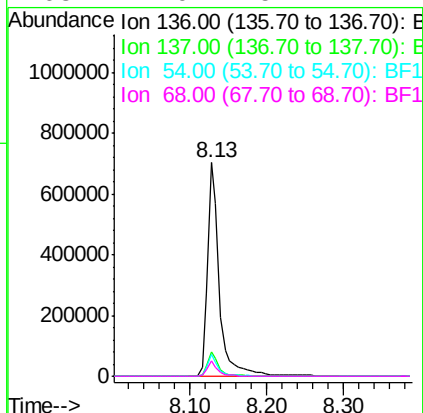
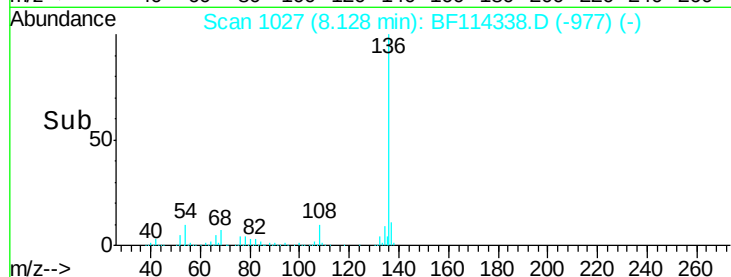
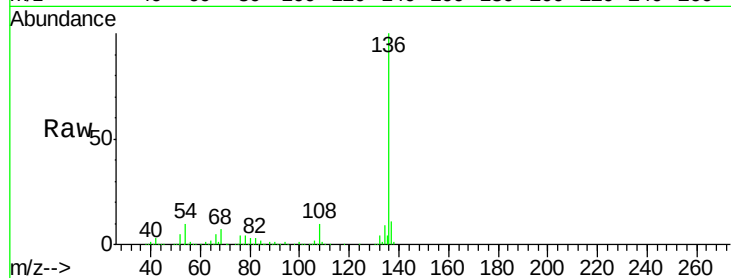




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114338.D
Acq: 17 May 2019 5:00

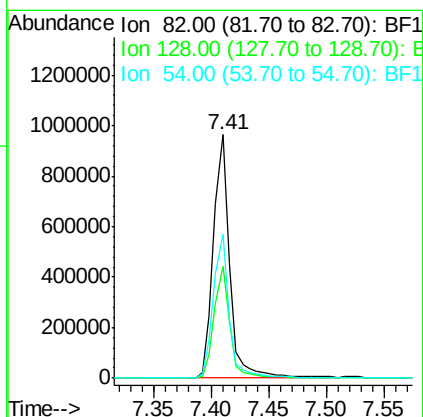
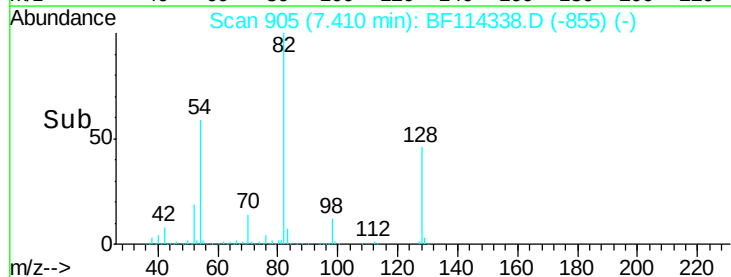
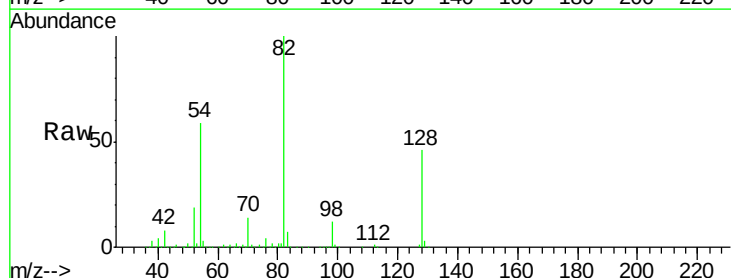
Instrument :
BNA_F
ClientSampleId :
CONCRETE-B

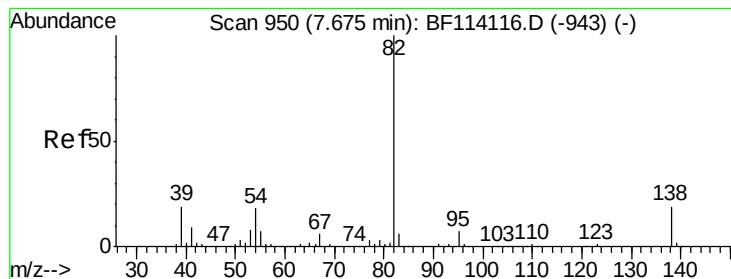
Tot Ion:136	Resp:	748032
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	9.9	7.8 11.8
68	7.0	5.1 7.7



#23
Nitrobenzene-d5
Concen: 71.545 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114338.D
Acq: 17 May 2019 5:00

Tgt Ion: 82	Resp:	953630
Ion Ratio	Lower	Upper
82	100	
128	45.7	35.5 53.3
54	58.8	48.5 72.7





#25

Isophorone

Concen: 38.577 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114338.D

Acq: 17 May 2019 5:00

Instrument :

BNA_F

ClientSampleId :

CONCRETE-B

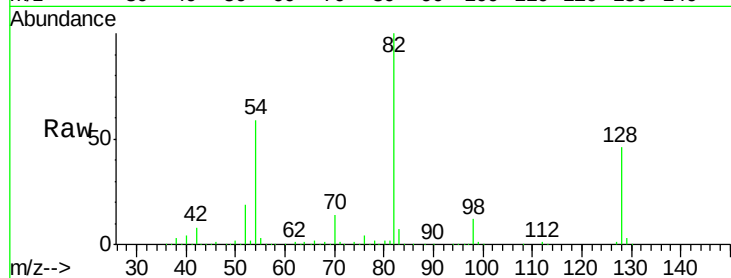
Tot Ion: 82 Resp: 953630

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

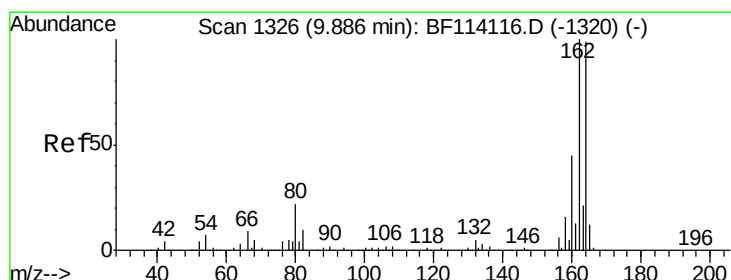
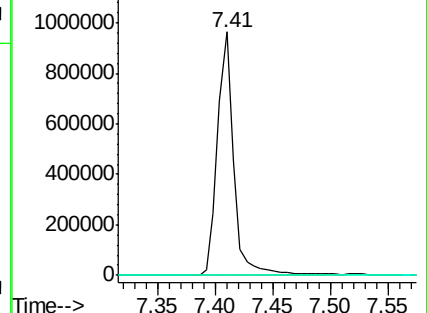
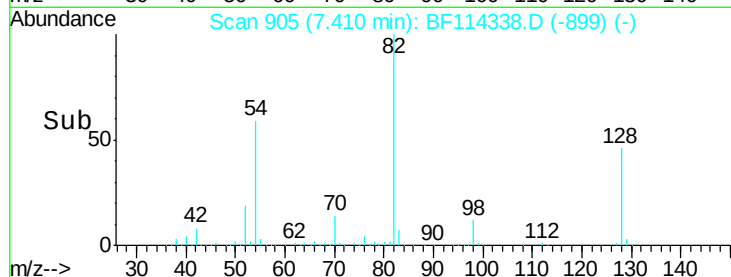
138 0.0 14.8 22.2#



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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114338.D

Acq: 17 May 2019 5:00

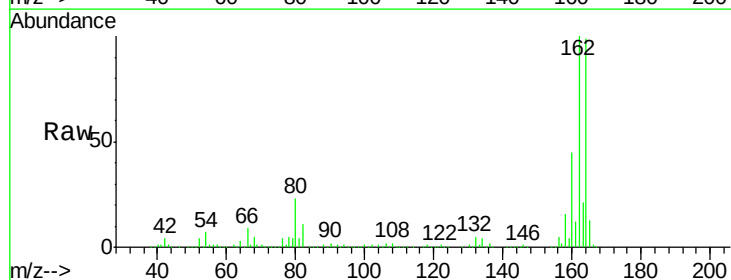
Tgt Ion: 164 Resp: 345767

Ion Ratio Lower Upper

164 100

162 101.0 80.6 120.8

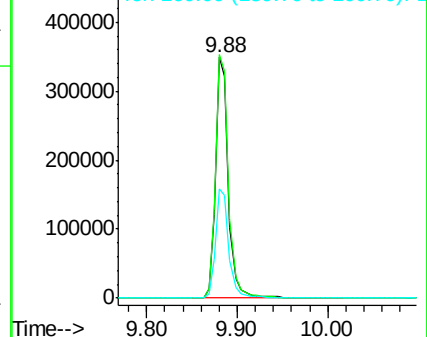
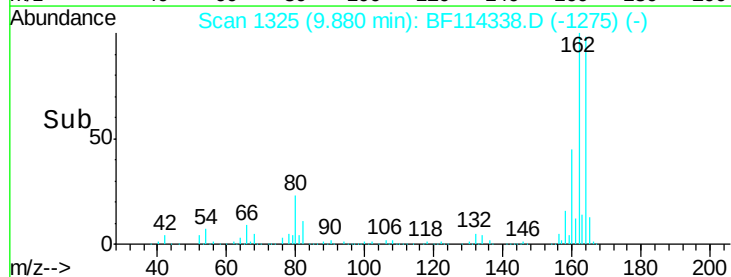
160 45.5 36.5 54.7

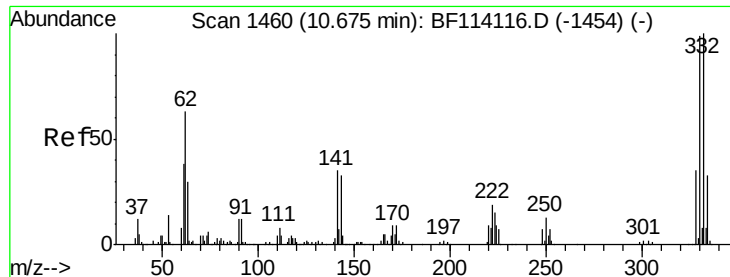


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 53.700 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114338.D

Acq: 17 May 2019 5:00

Instrument :

BNA_F

ClientSampleId :

CONCRETE-B

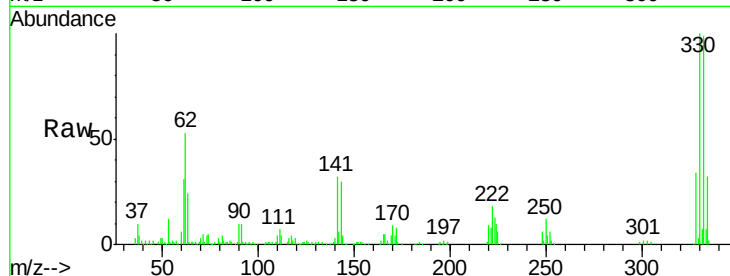
Tot Ion:330 Resp: 191959

Ion Ratio Lower Upper

330 100

332 102.2 81.4 122.2

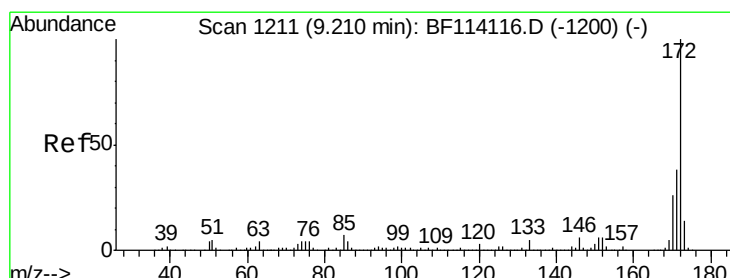
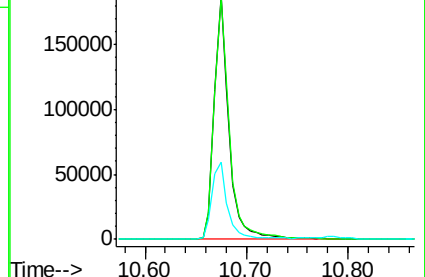
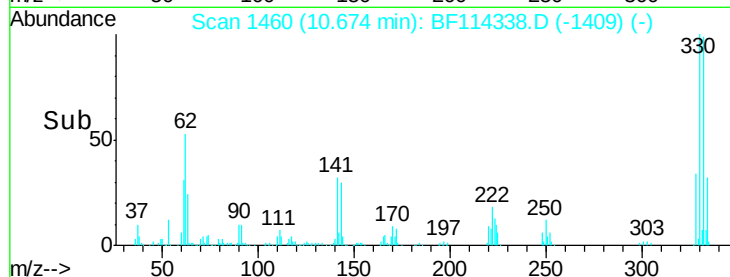
141 32.8 26.6 40.0



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: 75.282 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114338.D

Acq: 17 May 2019 5:00

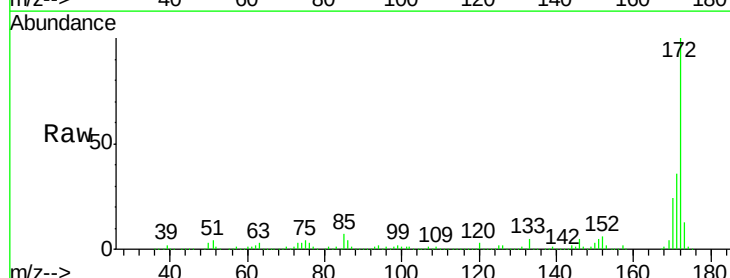
Tgt Ion:172 Resp: 1720799

Ion Ratio Lower Upper

172 100

171 36.2 30.7 46.1

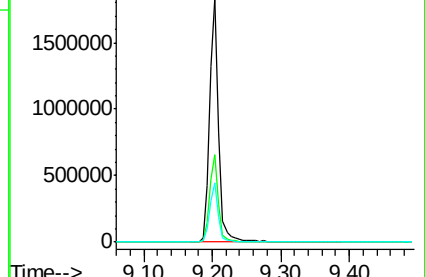
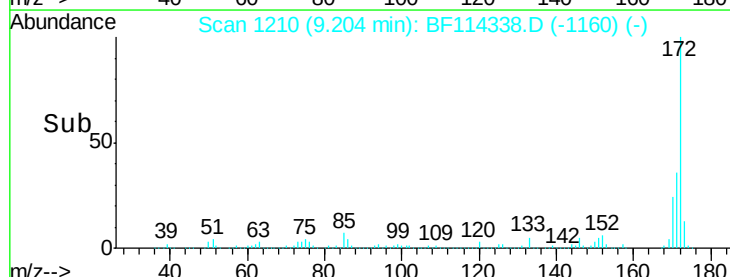
170 24.4 20.5 30.7

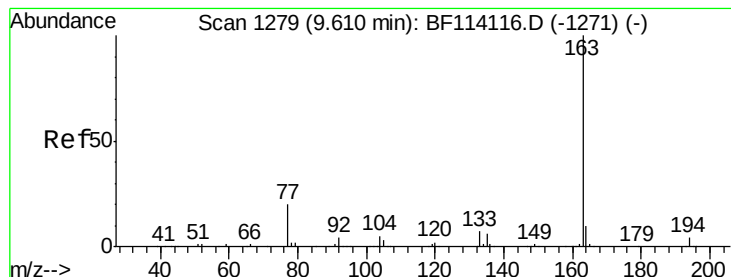


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.542 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114338.D

Acq: 17 May 2019 5:00

Instrument :

BNA_F

ClientSampleId :

CONCRETE-B

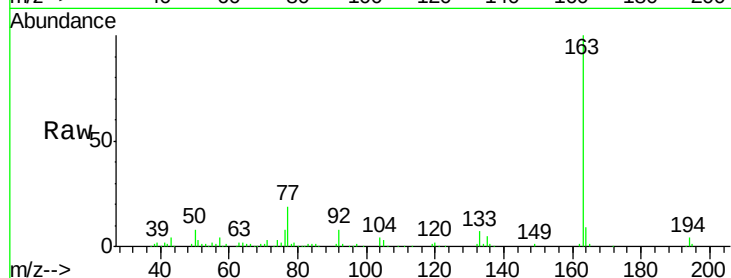
Tot Ion:163 Resp: 166043

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

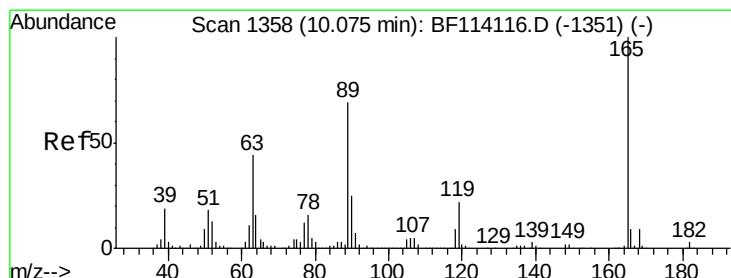
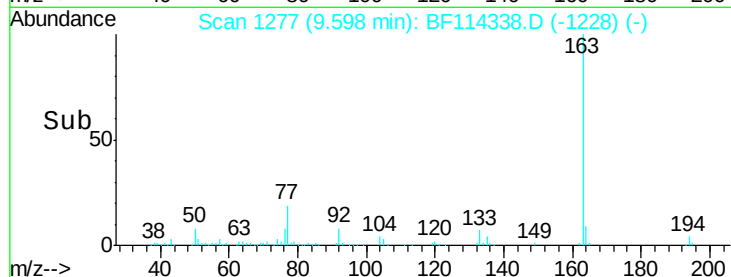
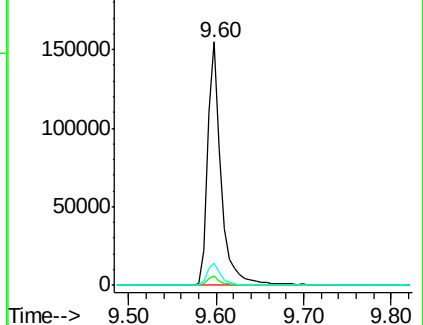
164 9.1 8.2 12.2



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



#57

2,4-Dinitrotoluene

Concen: 5.821 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF114338.D

Acq: 17 May 2019 5:00

Tgt Ion:165 Resp: 44478

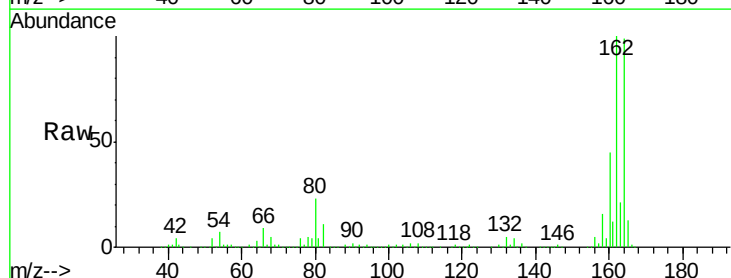
Ion Ratio Lower Upper

165 100

63 1.5 35.5 53.3#

89 1.2 55.2 82.8#

182 0.0 2.2 3.2#

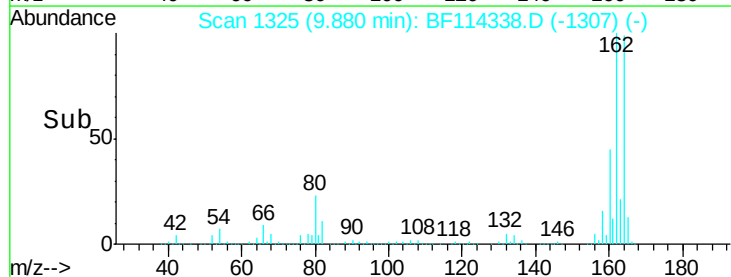
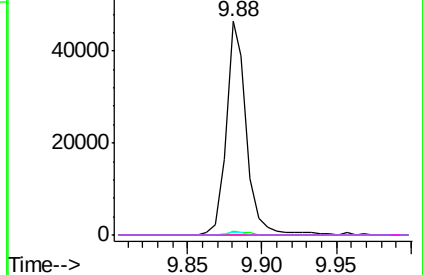


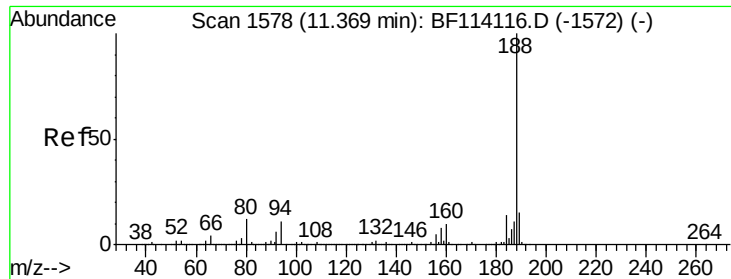
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

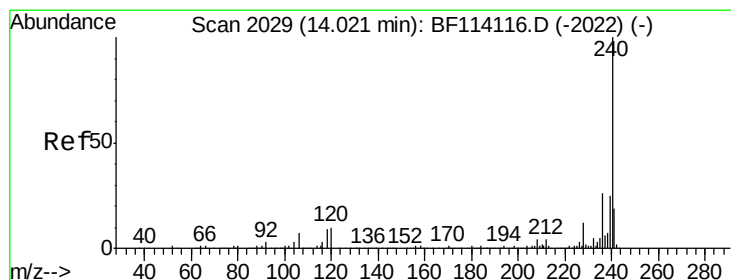
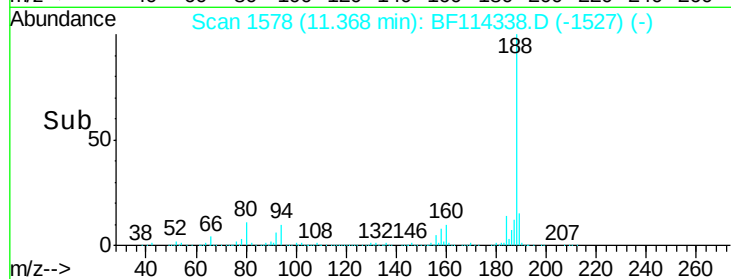
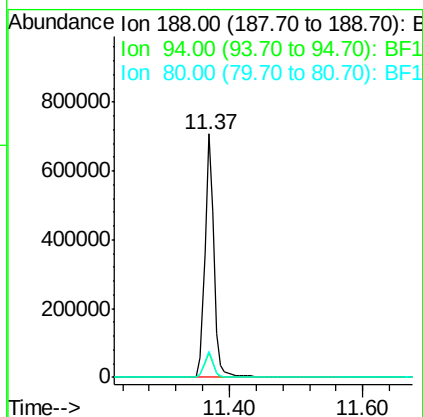
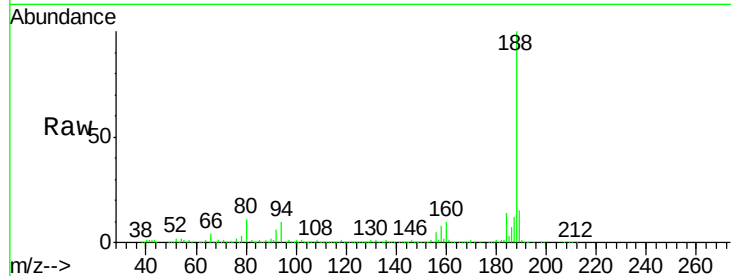




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114338.D
Acq: 17 May 2019 5:00

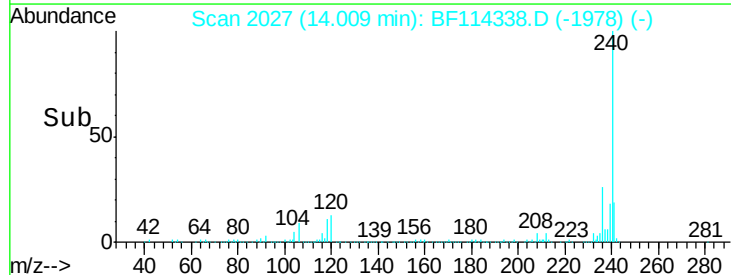
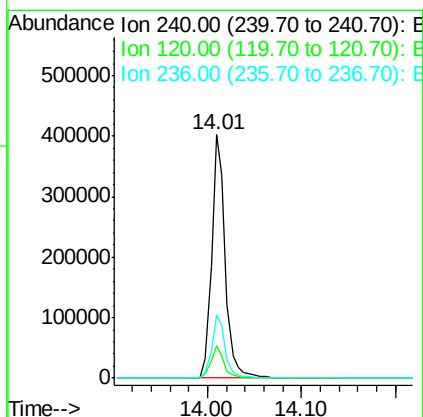
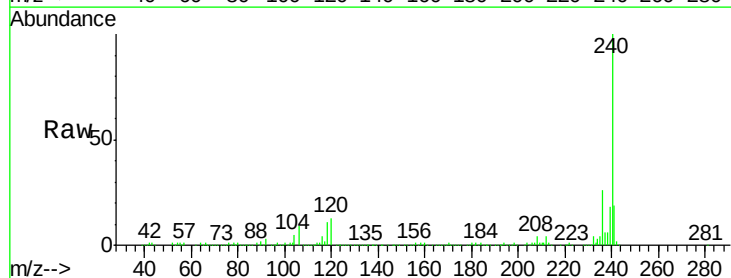
Instrument :
BNA_F
ClientSampleId :
CONCRETE-B

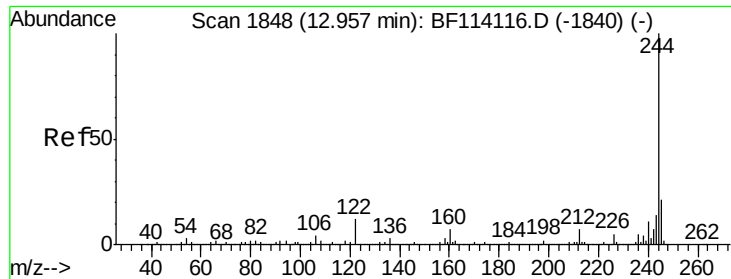
Tot Ion:188 Resp: 652454
Ion Ratio Lower Upper
188 100
94 10.3 8.4 12.6
80 10.8 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114338.D
Acq: 17 May 2019 5:00

Tgt Ion:240 Resp: 411592
Ion Ratio Lower Upper
240 100
120 13.4 8.3 12.5#
236 25.7 20.8 31.2



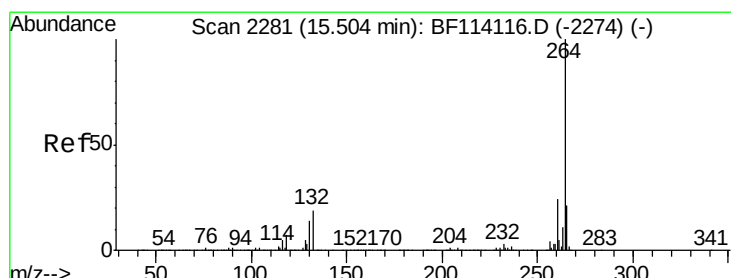
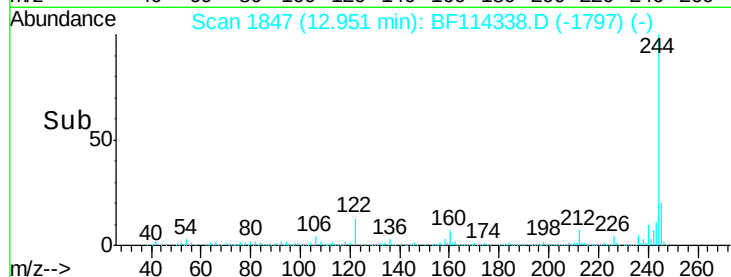
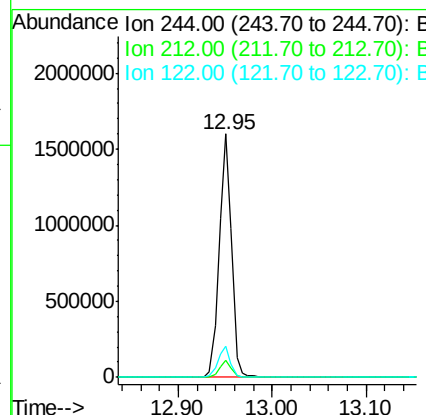
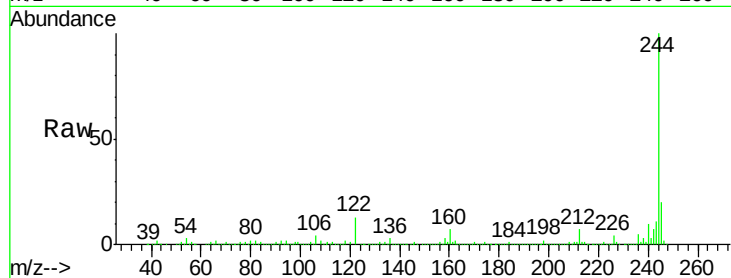


#79
 Terphenyl-d14
 Concen: 74.395 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114338.D
 Acq: 17 May 2019 5:00

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-B

Tot Ion:244 Resp: 1485400

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	12.7	9.4	14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BF114338.D
 Acq: 17 May 2019 5:00

Tgt Ion:264 Resp: 461050

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	20.9	16.9	25.3

