

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114334.D
 Acq On : 17 May 2019 3:15
 Operator : JU/SJ
 Sample : K2867-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-J

Quant Time: May 17 08:01:36 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

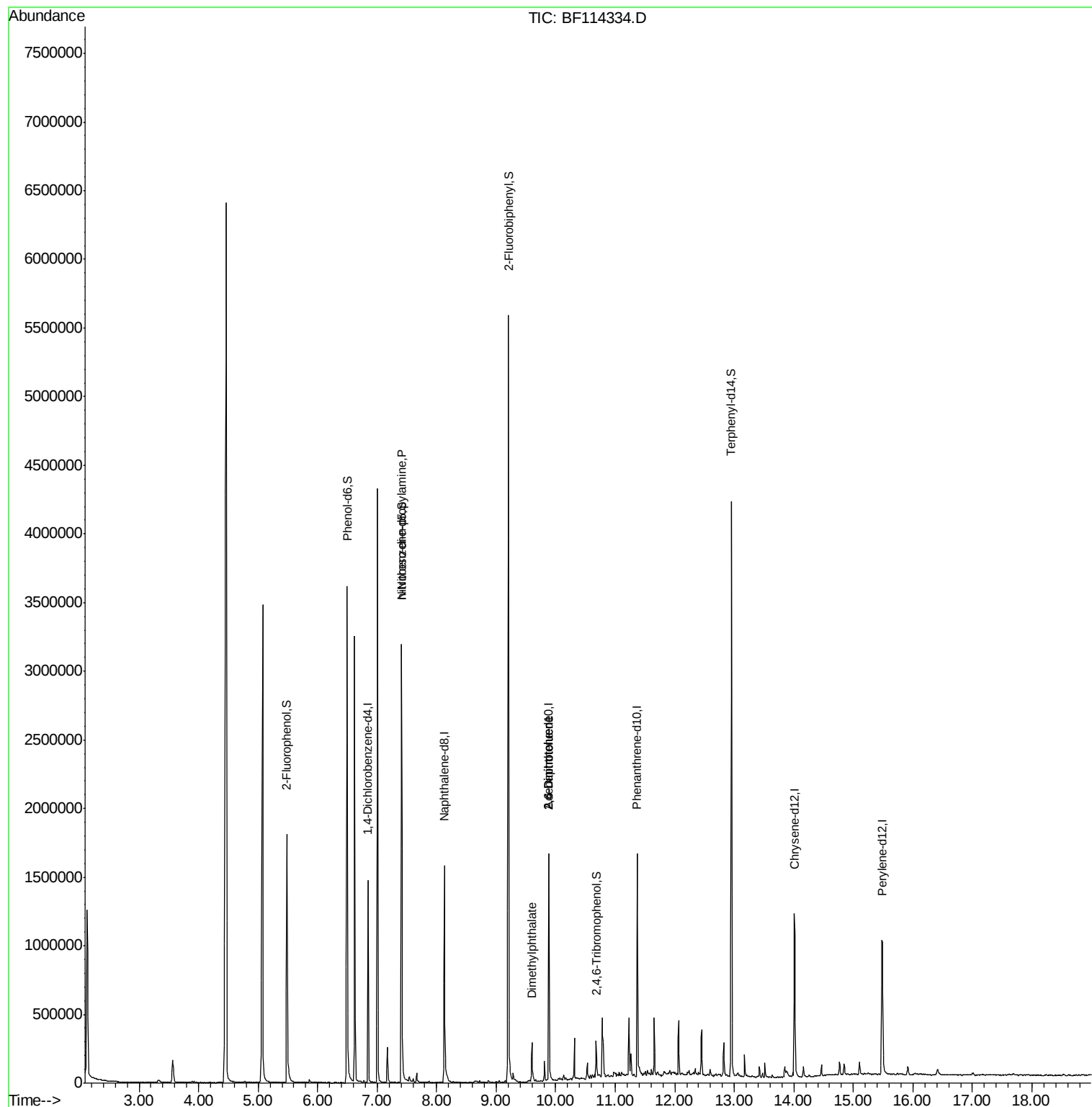
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	219733	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	820861	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	355600	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	622277	20.00	ng	0.00
76) Chrysene-d12	14.01	240	440389	20.00	ng	-0.01
87) Perylene-d12	15.49	264	513463	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	559142	40.95	ng	0.00
7) Phenol-d6	6.49	99	1277133	79.08	ng	0.00
23) Nitrobenzene-d5	7.41	82	1037056	70.90	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	39730	10.81	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1780871	75.76	ng	0.00
79) Terphenyl-d14	12.95	244	1438155	67.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	136676	13.352	ng	Qvalue # 75
50) Dimethylphthalate	9.60	163	133721	5.123	ng	100
51) 2,6-Dinitrotoluene	9.88	165	45793	7.909	ng	# 22
57) 2,4-Dinitrotoluene	9.88	165	45794	5.827	ng	# 25

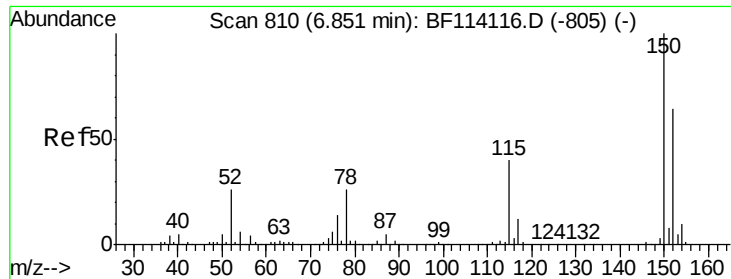
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 17 08:01:36 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: BF114334.D

Acq: 17 May 2019 3:15

Instrument :

BNA_F

ClientSampleId :

CONCRETE-J

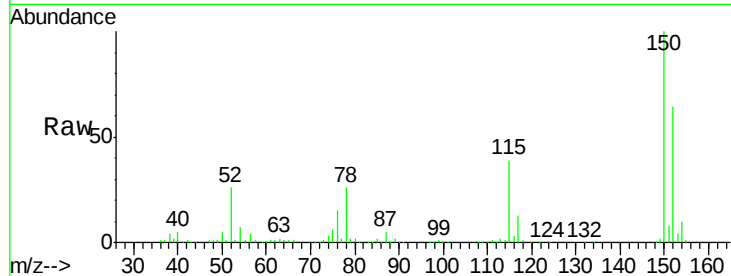
Tot Ion:152 Resp: 219733

Ion Ratio Lower Upper

152 100

150 156.8 124.3 186.5

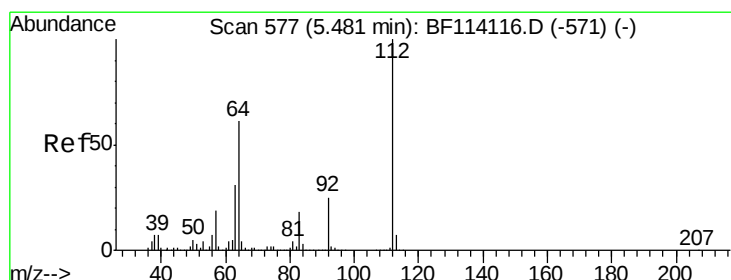
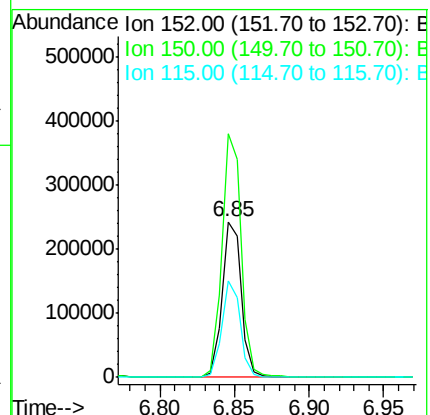
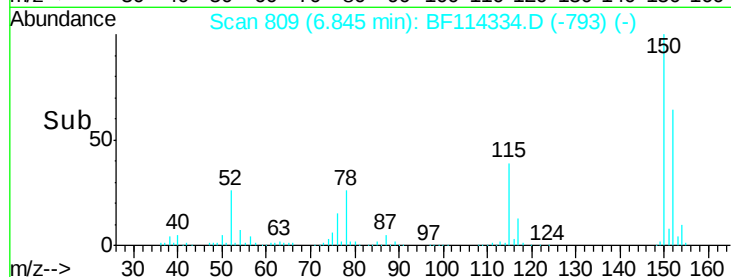
115 61.9 49.1 73.7



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: 40.950 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114334.D

Acq: 17 May 2019 3:15

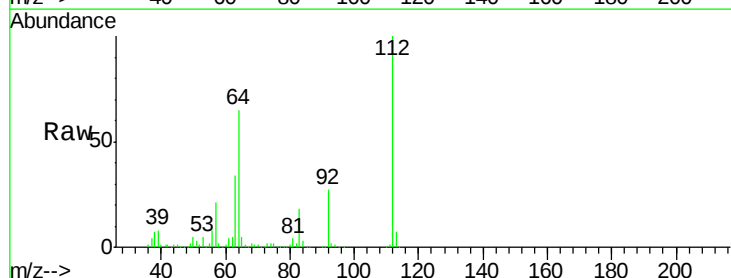
Tgt Ion:112 Resp: 559142

Ion Ratio Lower Upper

112 100

64 65.3 49.0 73.6

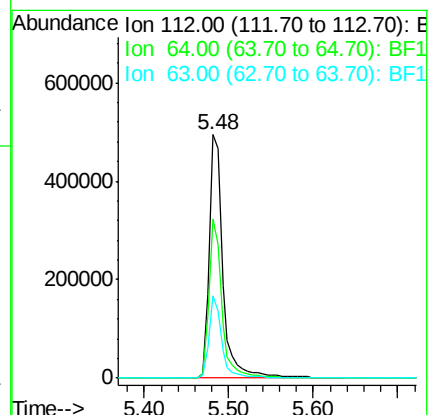
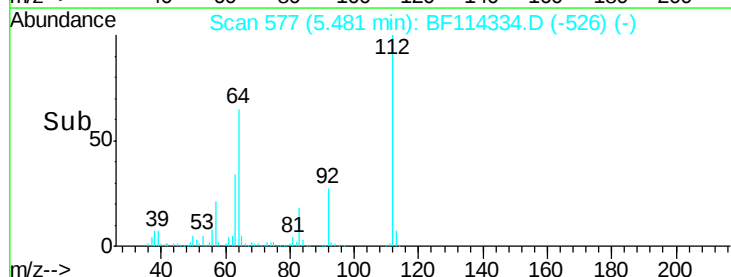
63 33.6 24.6 37.0

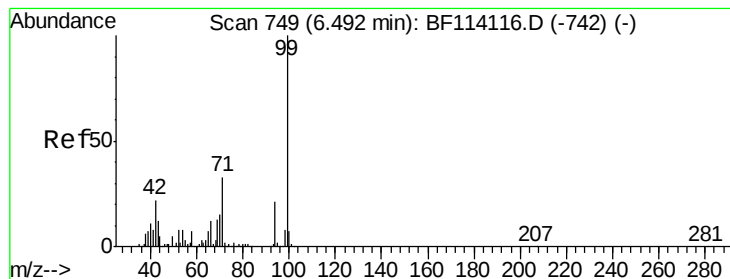


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 79.083 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114334.D

Acq: 17 May 2019 3:15

Instrument :

BNA_F

ClientSampleId :

CONCRETE-J

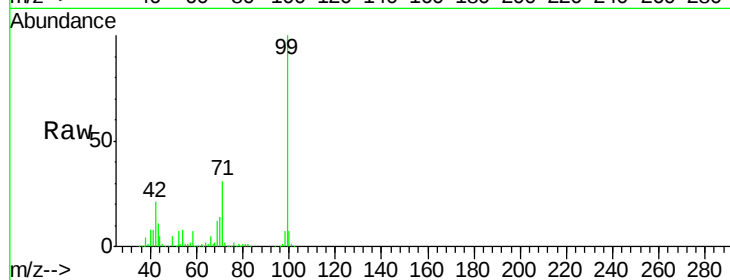
Tot Ion: 99 Resp: 1277133

Ion Ratio Lower Upper

99 100

42 21.2 17.9 26.9

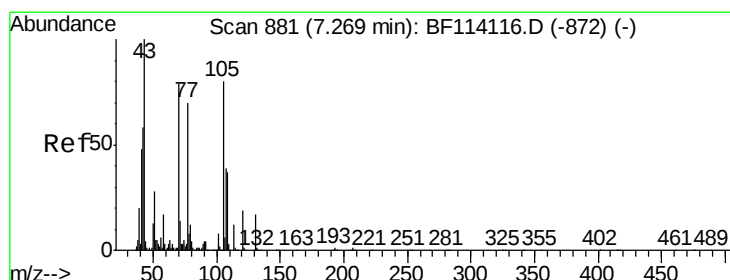
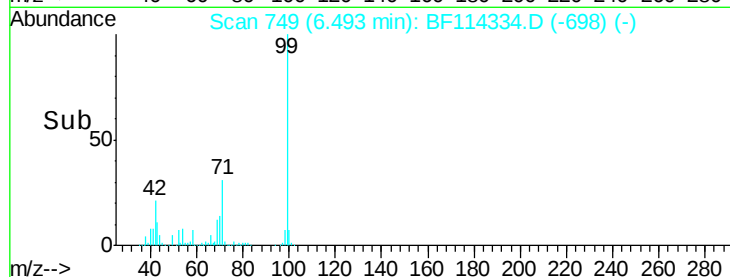
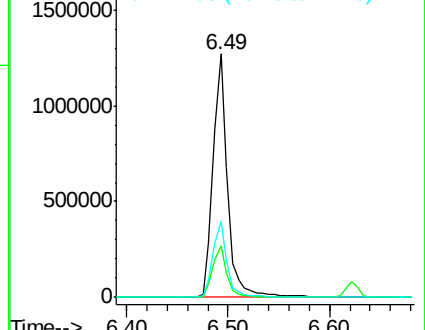
71 31.1 26.2 39.2



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: 13.352 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114334.D

Acq: 17 May 2019 3:15

Tgt Ion: 70 Resp: 136676

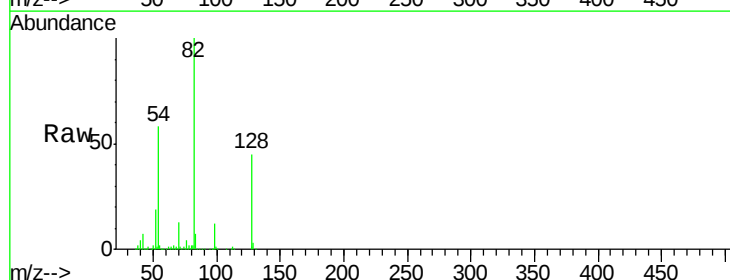
Ion Ratio Lower Upper

70 100

42 56.4 58.6 87.8#

101 0.0 7.8 11.8#

130 2.3 17.1 25.7#

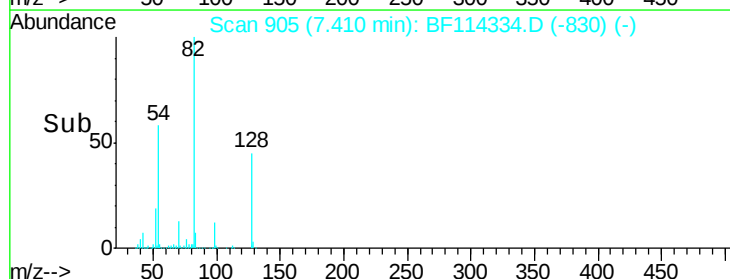
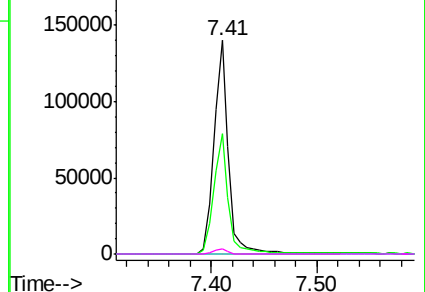


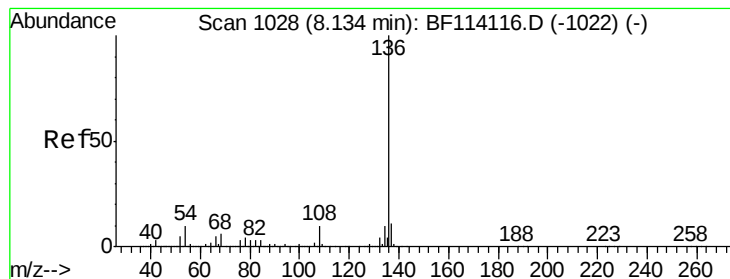
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF114334.D

Acq: 17 May 2019 3:15

Instrument :

BNA_F

ClientSampleId :

CONCRETE-J

Tot Ion:136 Resp: 820861

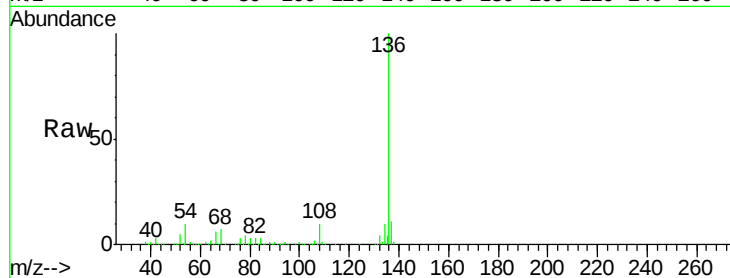
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 10.2 7.8 11.8

68 6.9 5.1 7.7

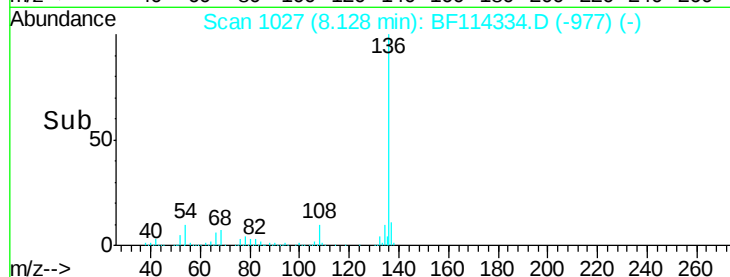


Abundance Ion 136.00 (135.70 to 136.70): E

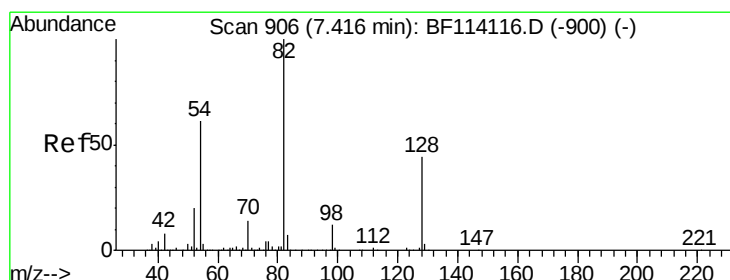
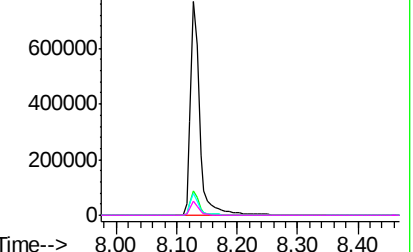
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 70.901 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114334.D

Acq: 17 May 2019 3:15

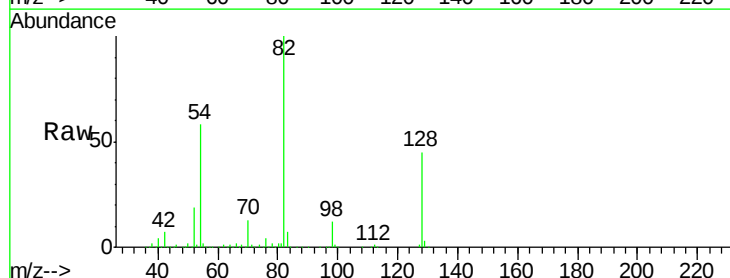
Tgt Ion: 82 Resp: 1037056

Ion Ratio Lower Upper

82 100

128 44.9 35.5 53.3

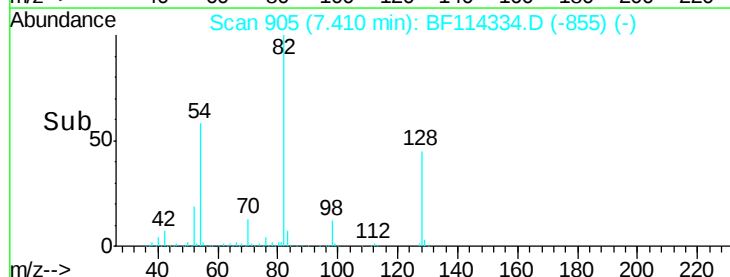
54 58.1 48.5 72.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

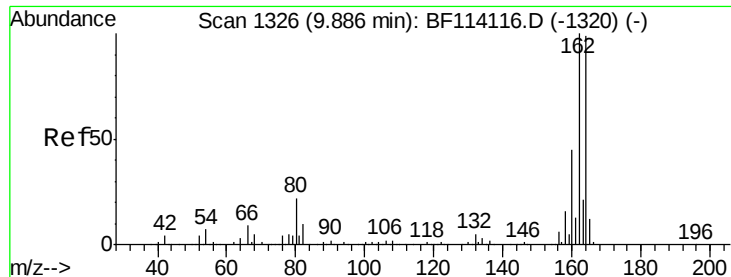
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114334.D

Acq: 17 May 2019 3:15

Instrument :

BNA_F

ClientSampleId :

CONCRETE-J

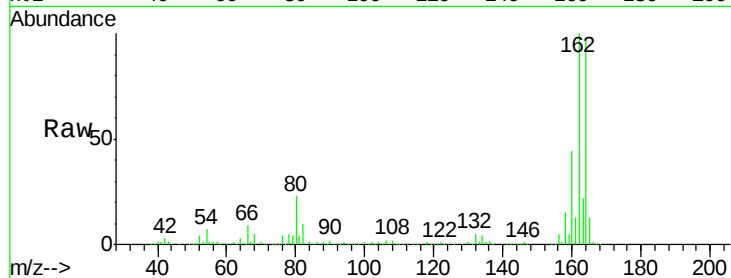
Tot Ion:164 Resp: 355600

Ion Ratio Lower Upper

164 100

162 103.0 80.6 120.8

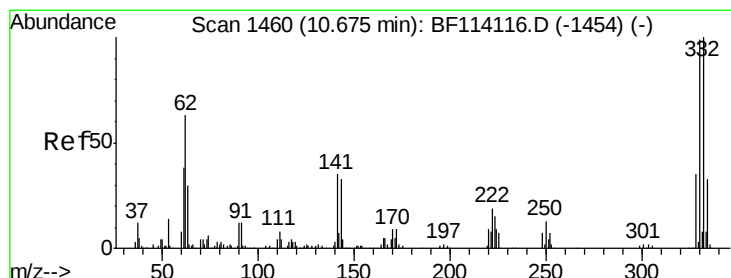
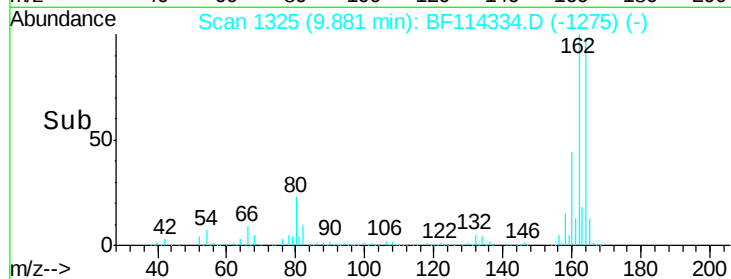
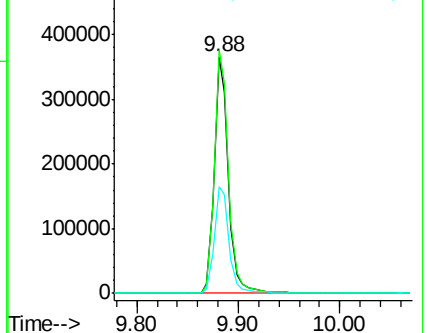
160 45.2 36.5 54.7



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: 10.807 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF114334.D

Acq: 17 May 2019 3:15

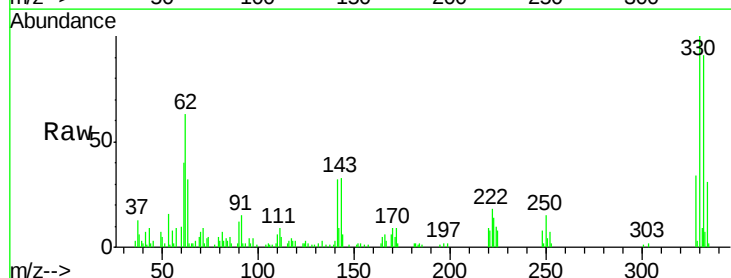
Tgt Ion:330 Resp: 39730

Ion Ratio Lower Upper

330 100

332 103.2 81.4 122.2

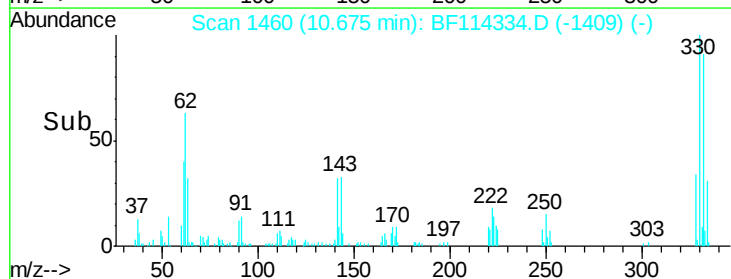
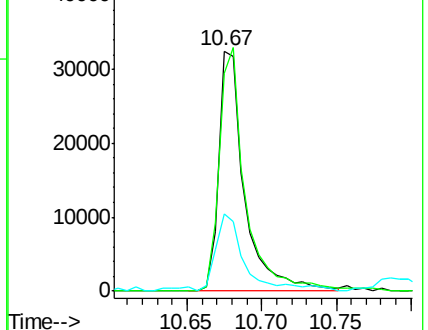
141 35.9 26.6 40.0

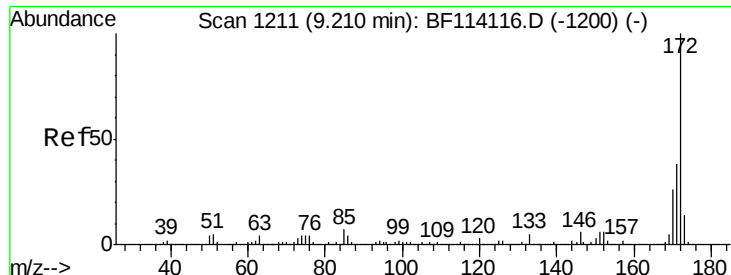


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

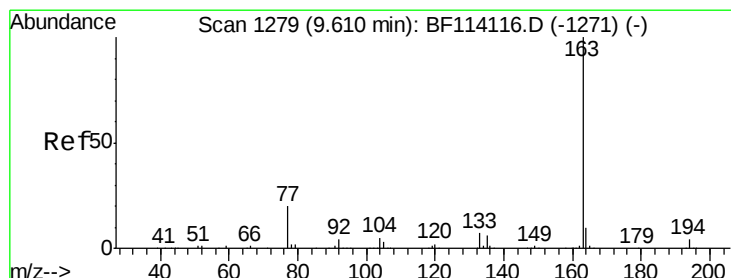
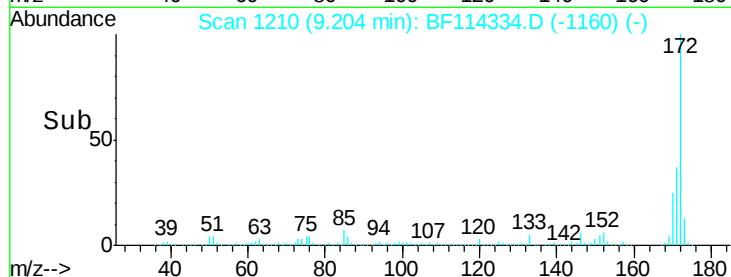
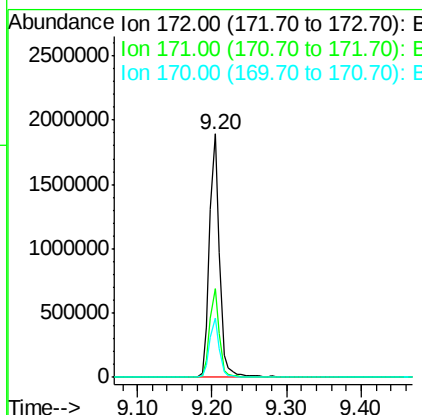
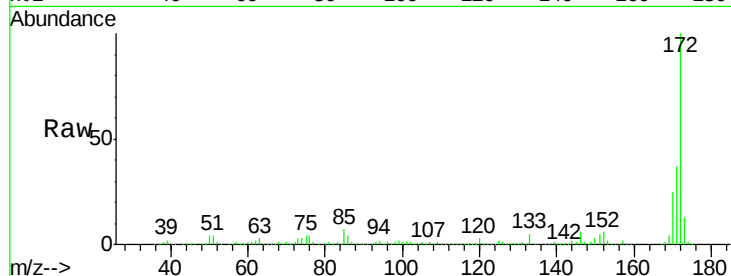




#45
2-Fluorobiphenyl
Concen: 75.755 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114334.D
Acq: 17 May 2019 3:15

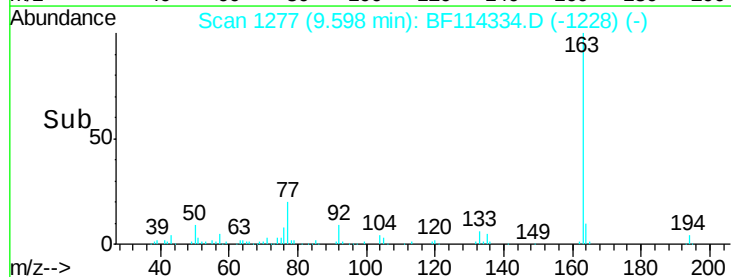
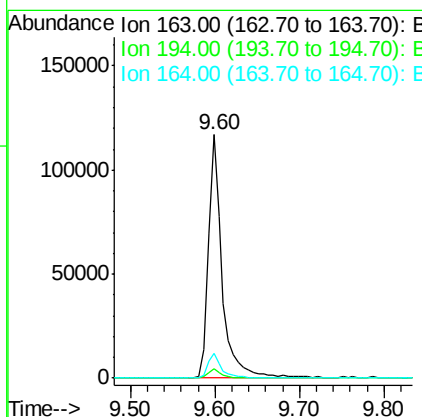
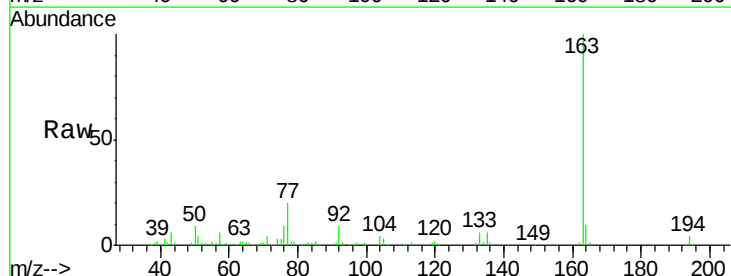
Instrument :
BNA_F
ClientSampleId :
CONCRETE-J

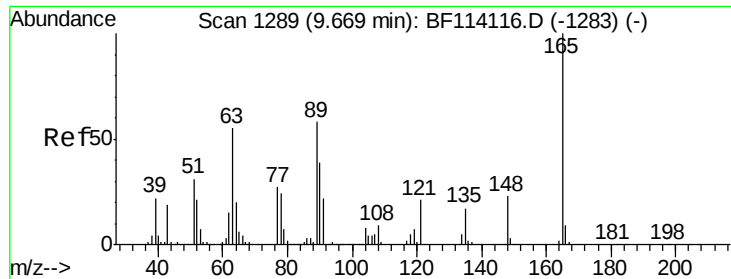
Tot Ion:172 Resp: 1780871
Ion Ratio Lower Upper
172 100
171 36.6 30.7 46.1
170 24.5 20.5 30.7



#50
Dimethylphthalate
Concen: 5.123 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114334.D
Acq: 17 May 2019 3:15

Tgt Ion:163 Resp: 133721
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.1 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 7.909 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.21 min

Lab File: BF114334.D

Acq: 17 May 2019 3:15

Instrument :

BNA_F

ClientSampleId :

CONCRETE-J

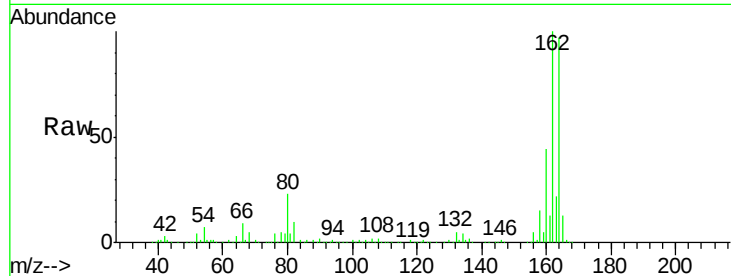
Tot Ion:165 Resp: 45793

Ion Ratio Lower Upper

165 100

63 1.3 50.2 75.4#

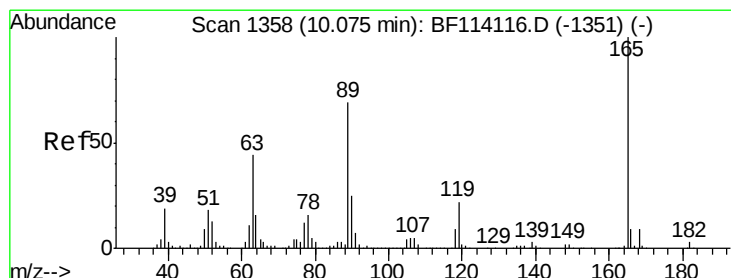
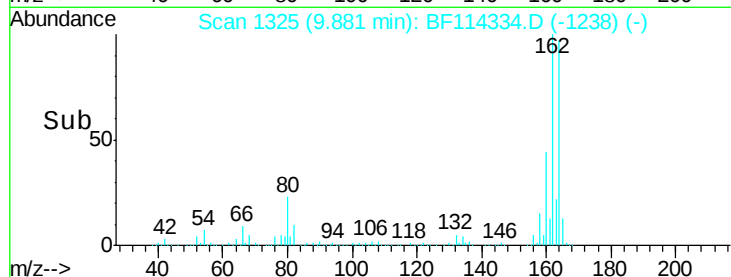
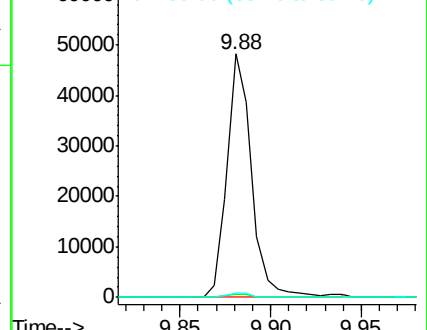
89 1.5 46.6 69.8#



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



#57

2,4-Dinitrotoluene

Concen: 5.827 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF114334.D

Acq: 17 May 2019 3:15

Tgt Ion:165 Resp: 45794

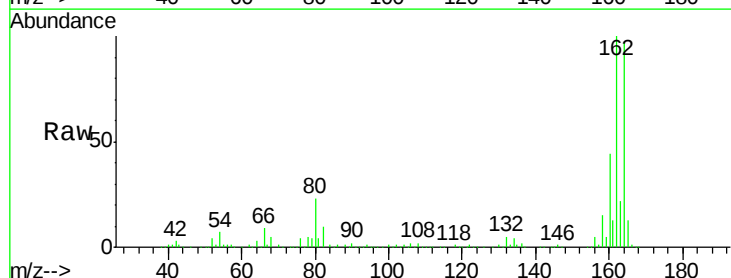
Ion Ratio Lower Upper

165 100

63 1.3 35.5 53.3#

89 1.5 55.2 82.8#

182 0.0 2.2 3.2#

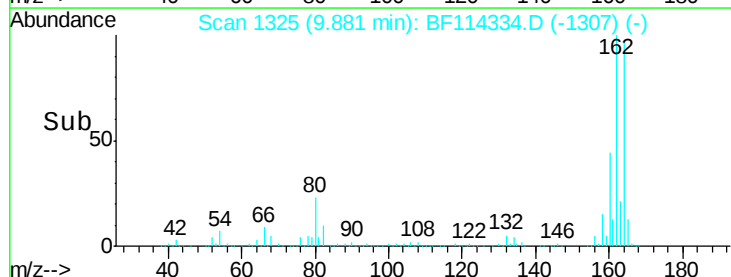
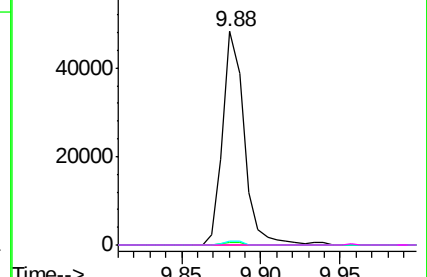


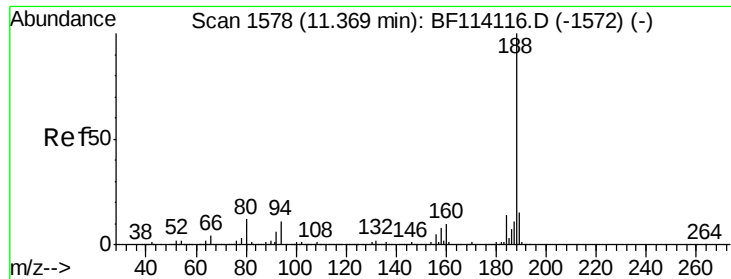
Abundance Ion 165.00 (164.70 to 165.70): E

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

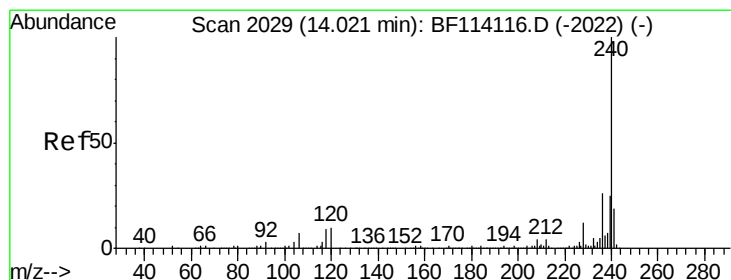
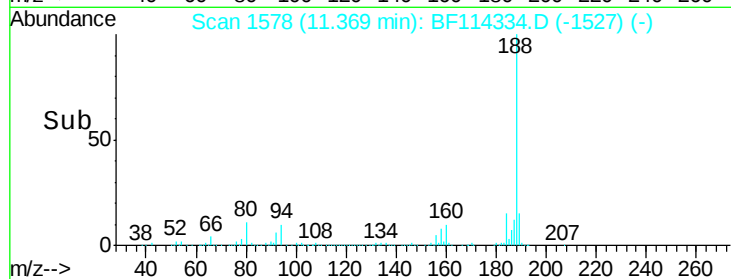
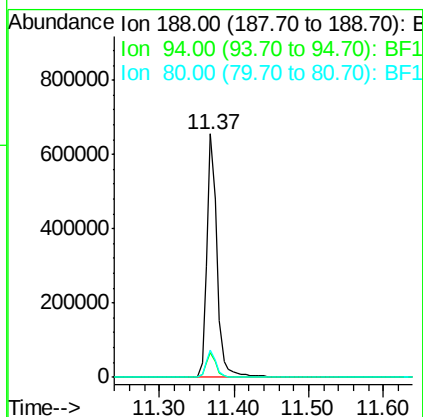
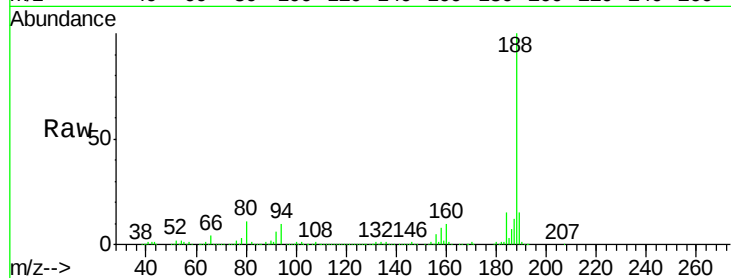




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF114334.D
Acq: 17 May 2019 3:15

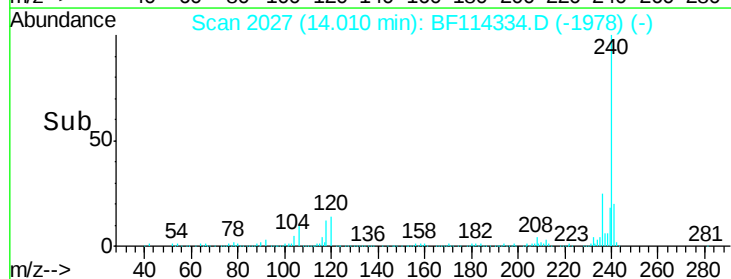
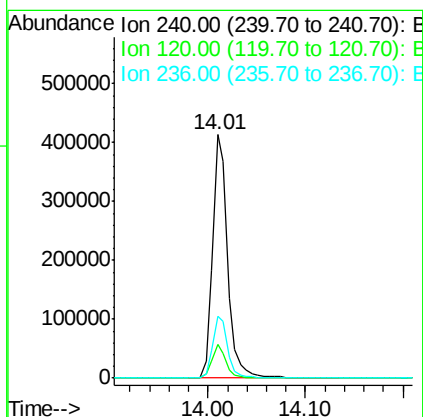
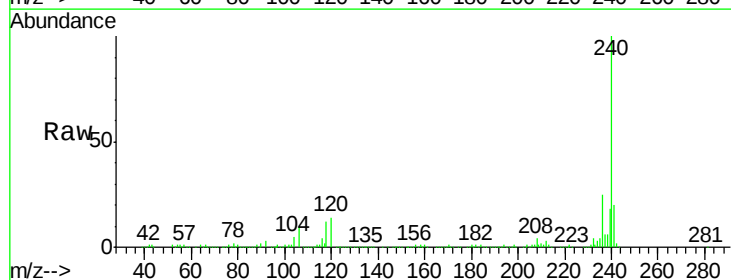
Instrument :
BNA_F
ClientSampleId :
CONCRETE-J

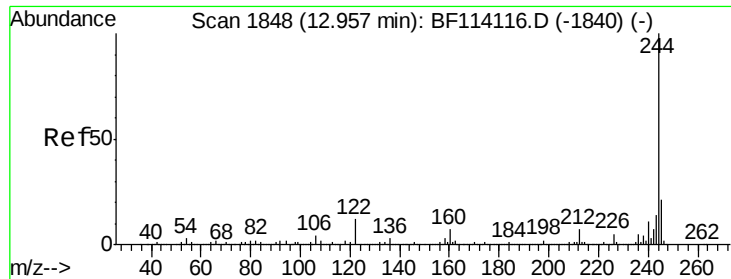
Tot Ion:188 Resp: 622277
Ion Ratio Lower Upper
188 100
94 10.3 8.4 12.6
80 11.4 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114334.D
Acq: 17 May 2019 3:15

Tgt Ion:240 Resp: 440389
Ion Ratio Lower Upper
240 100
120 13.9 8.3 12.5#
236 25.4 20.8 31.2



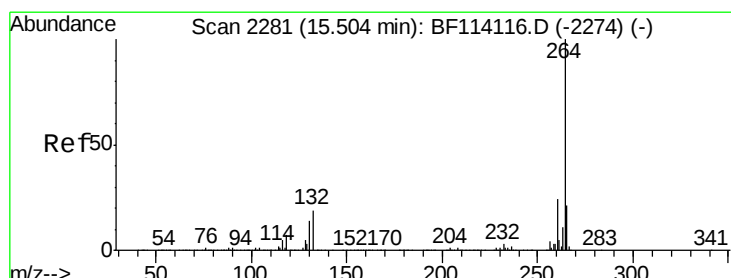
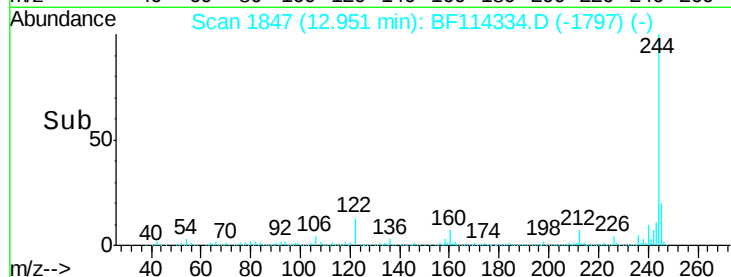
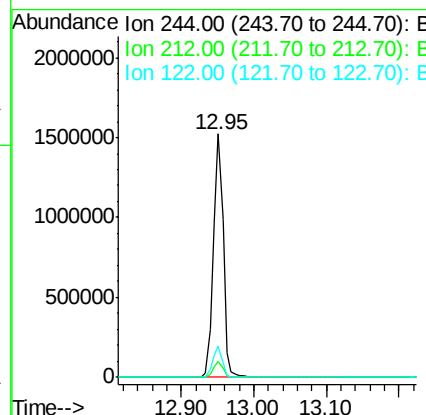
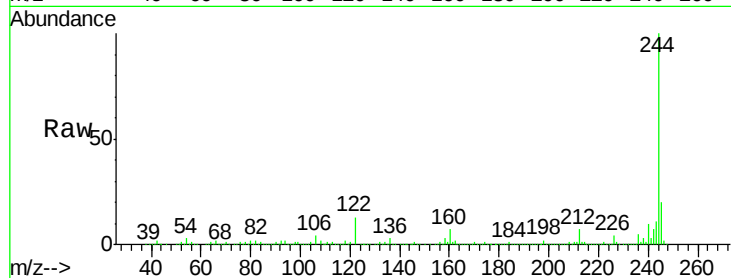


#79
 Terphenyl-d14
 Concen: 67.319 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114334.D
 Acq: 17 May 2019 3:15

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-J

Tot Ion:244 Resp: 1438155

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	12.6	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: BF114334.D
 Acq: 17 May 2019 3:15

Tgt Ion:264 Resp: 513463

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.9	16.9	25.3

