

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114337.D
 Acq On : 17 May 2019 4:34
 Operator : JU/SJ
 Sample : K2867-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-A

Quant Time: May 17 08:02:22 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

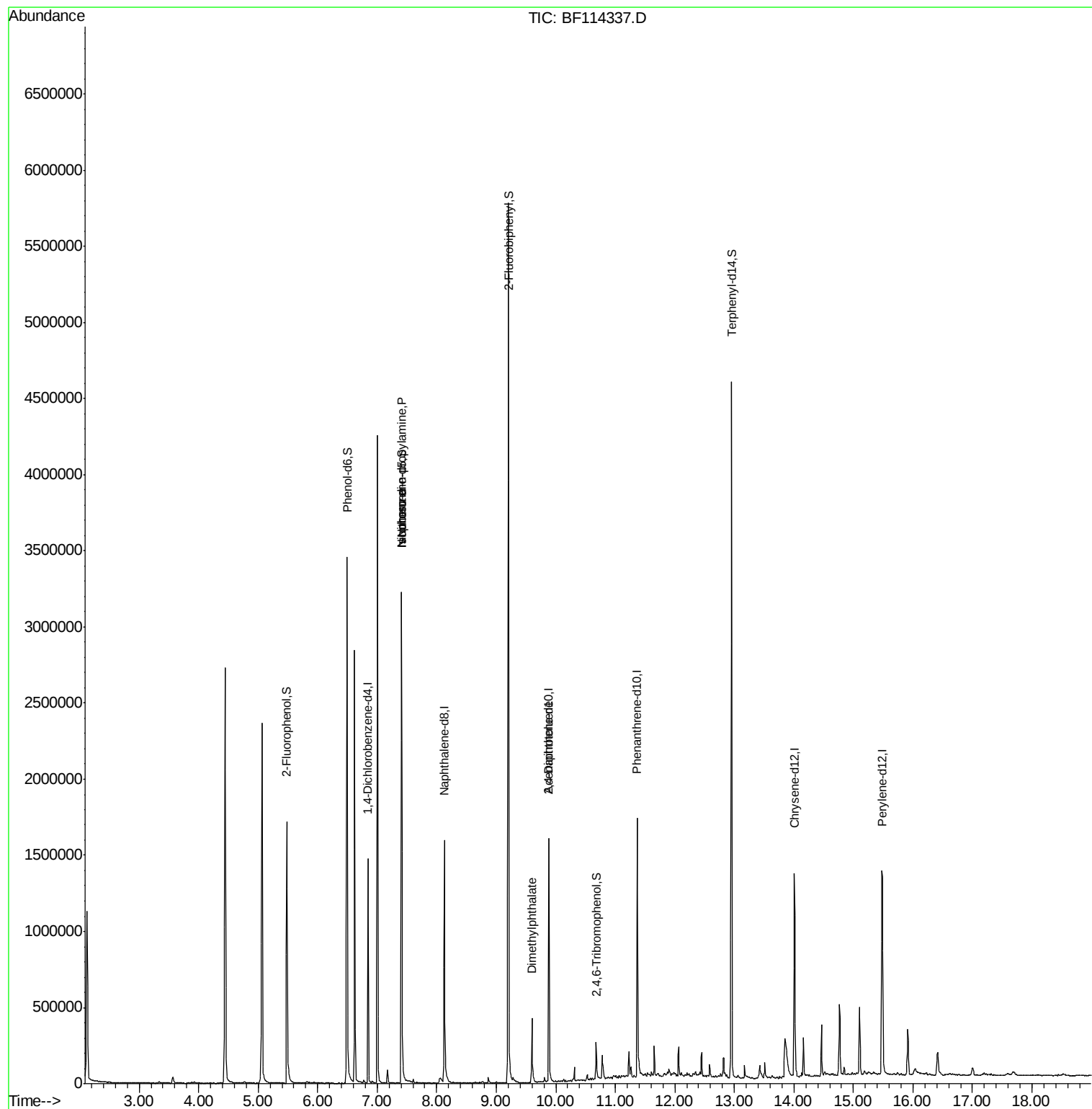
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	211596	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	803496	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	364267	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	668303	20.00	ng	0.00
76) Chrysene-d12	14.01	240	464387	20.00	ng	-0.01
87) Perylene-d12	15.49	264	543325	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	517248	39.34	ng	0.00
7) Phenol-d6	6.49	99	1229790	79.08	ng	0.00
23) Nitrobenzene-d5	7.41	82	1062277	74.19	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	38396	10.20	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1842476	76.51	ng	0.00
79) Terphenyl-d14	12.95	244	1587406	70.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	138628	14.064	ng	# 74
25) Isophorone	7.41	82	1056808	39.800	ng	# 64
50) Dimethylphthalate	9.60	163	219643	8.214	ng	99
57) 2,4-Dinitrotoluene	9.88	165	46199	5.739	ng	# 25

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

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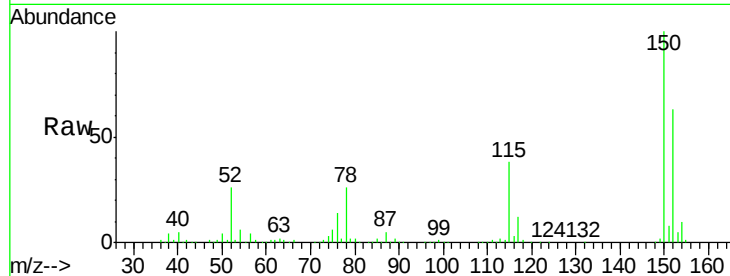




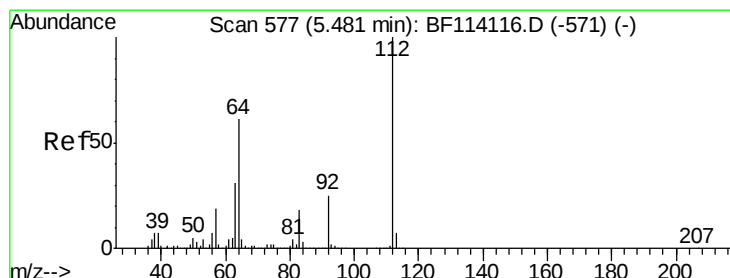
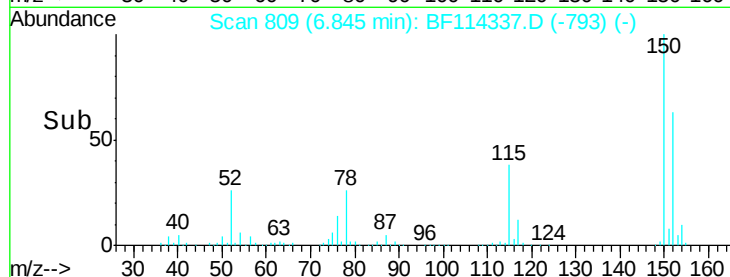
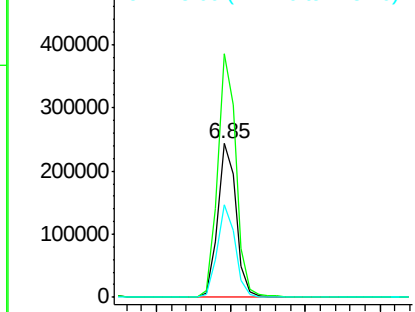
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF114337.D
 Acq: 17 May 2019 4:34

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-A

Tot Ion:152 Resp: 211596
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.3 186.5
 115 60.3 49.1 73.7

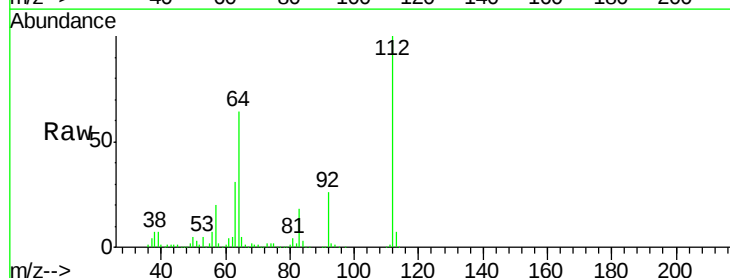


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

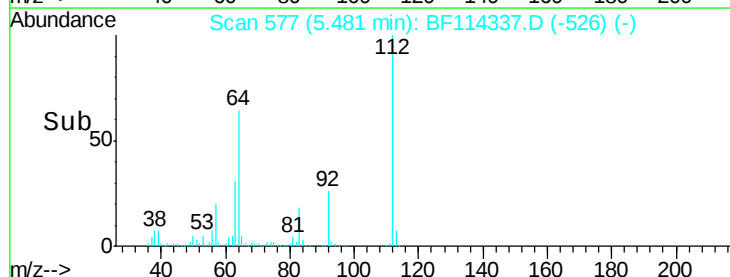
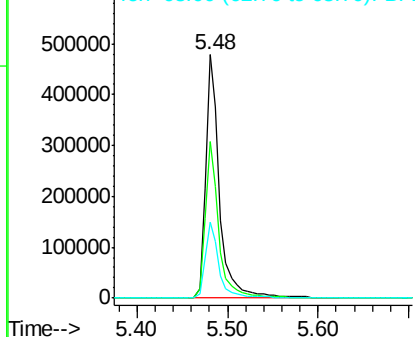


#5
 2-Fluorophenol
 Concen: 39.339 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF114337.D
 Acq: 17 May 2019 4:34

Tgt Ion:112 Resp: 517248
 Ion Ratio Lower Upper
 112 100
 64 64.5 49.0 73.6
 63 31.3 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: 79.079 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114337.D

Acq: 17 May 2019 4:34

Instrument :

BNA_F

ClientSampleId :

CONCRETE-A

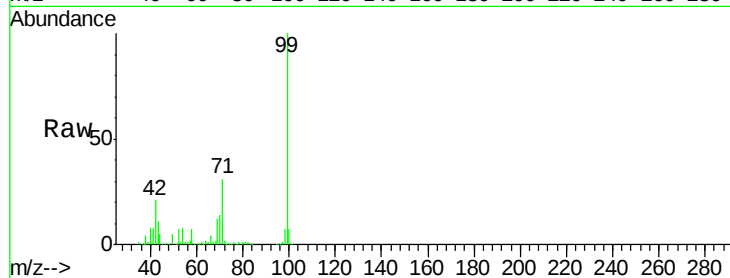
Tot Ion: 99 Resp: 1229790

Ion Ratio Lower Upper

99 100

42 21.0 17.9 26.9

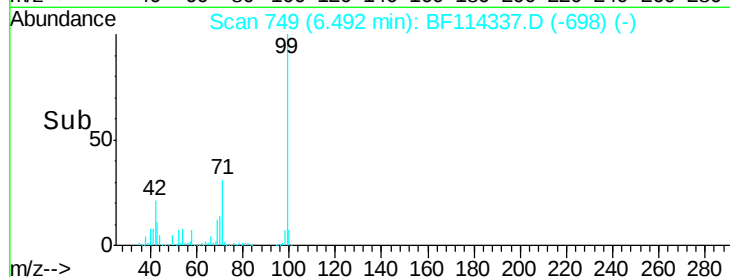
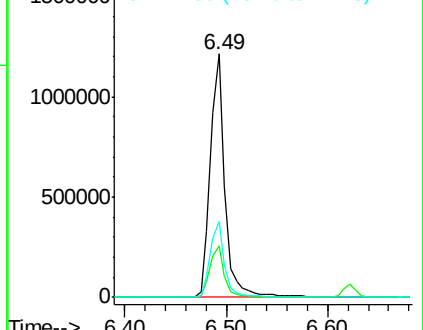
71 31.4 26.2 39.2



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: 14.064 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114337.D

Acq: 17 May 2019 4:34

Tgt Ion: 70 Resp: 138628

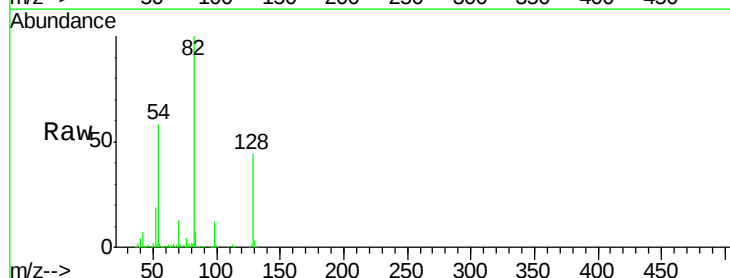
Ion Ratio Lower Upper

70 100

42 55.4 58.6 87.8#

101 0.0 7.8 11.8#

130 2.5 17.1 25.7#

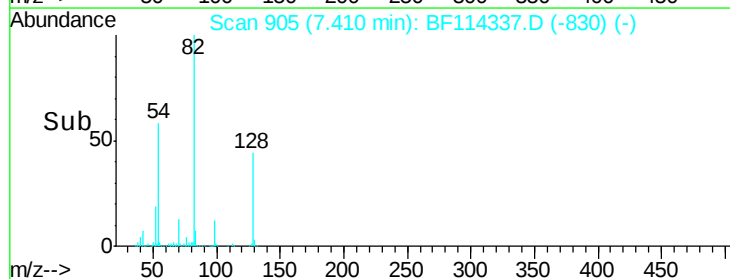
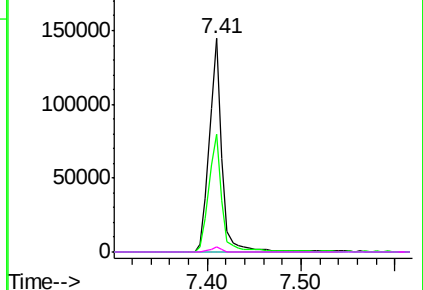


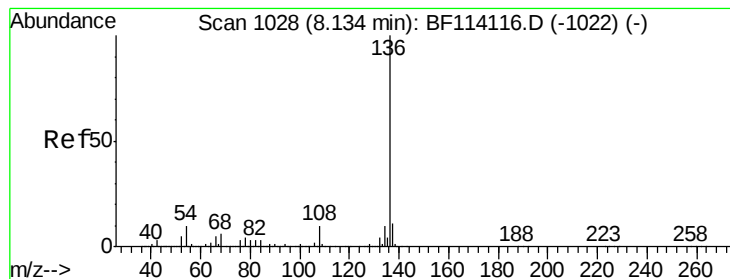
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF114337.D

Acq: 17 May 2019 4:34

Instrument :

BNA_F

ClientSampleId :

CONCRETE-A

Tot Ion:136 Resp: 803496

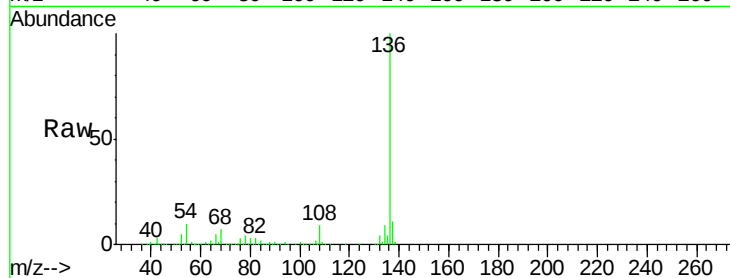
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.7 7.8 11.8

68 6.7 5.1 7.7

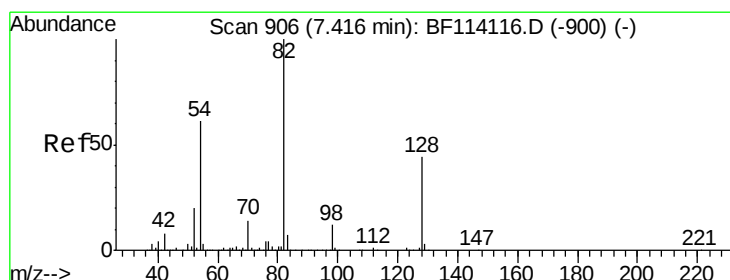
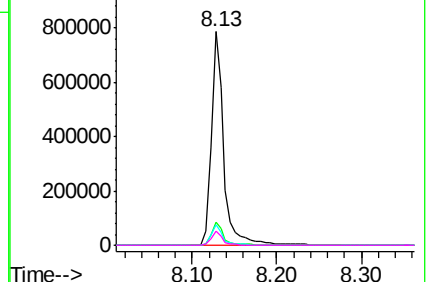
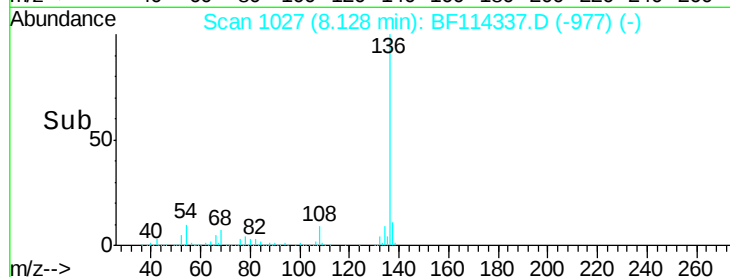


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.195 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF114337.D

Acq: 17 May 2019 4:34

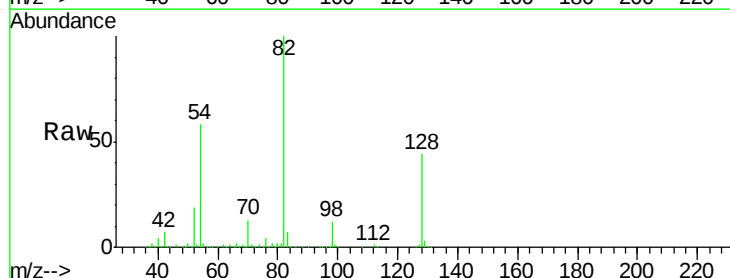
Tgt Ion: 82 Resp: 1062277

Ion Ratio Lower Upper

82 100

128 44.2 35.5 53.3

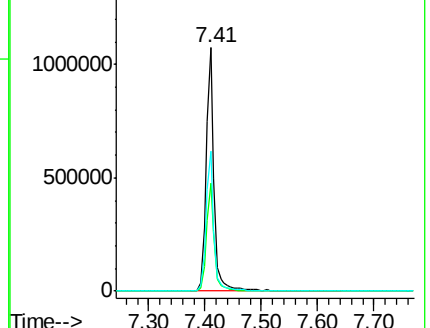
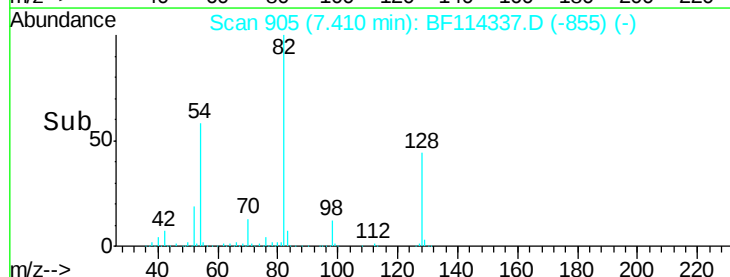
54 57.6 48.5 72.7

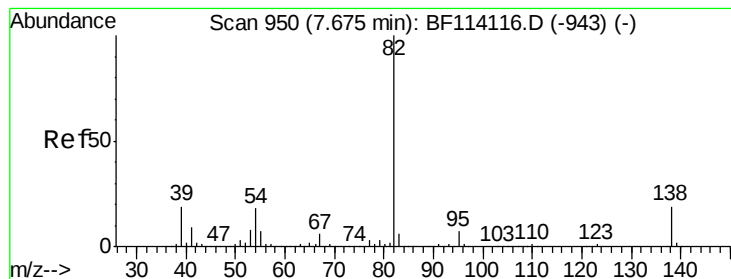


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.800 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114337.D

Acq: 17 May 2019 4:34

Instrument :

BNA_F

ClientSampleId :

CONCRETE-A

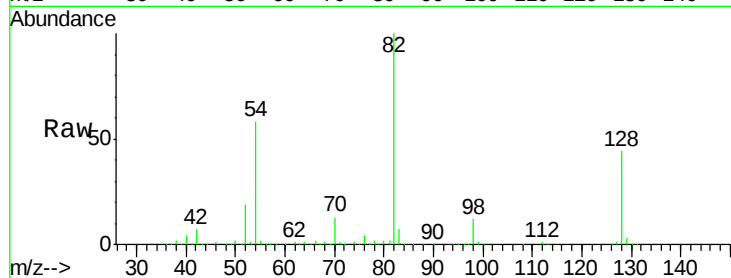
Tot Ion: 82 Resp: 1056808

Ion Ratio Lower Upper

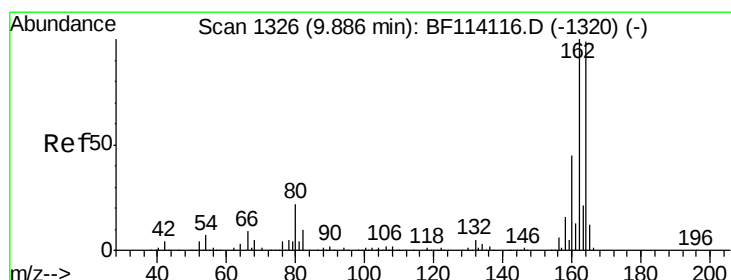
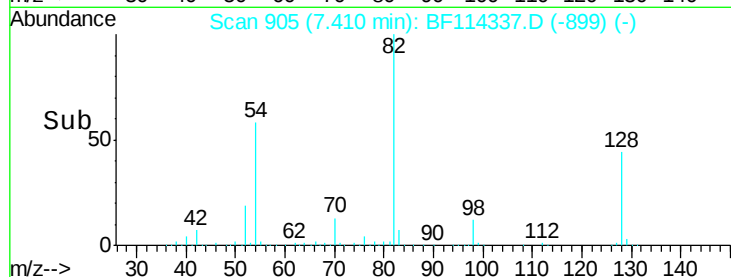
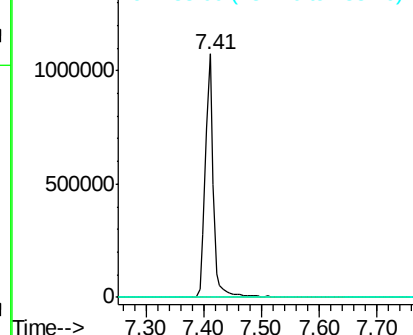
82 100

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: BF114337.D

Acq: 17 May 2019 4:34

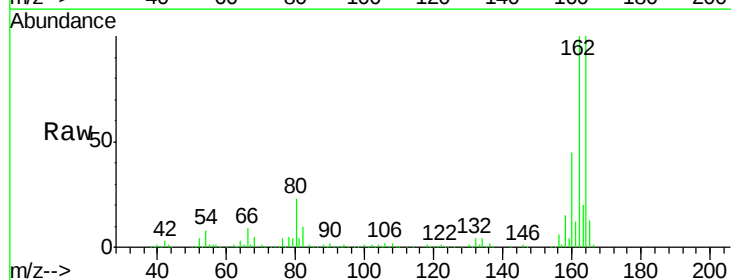
Tgt Ion: 164 Resp: 364267

Ion Ratio Lower Upper

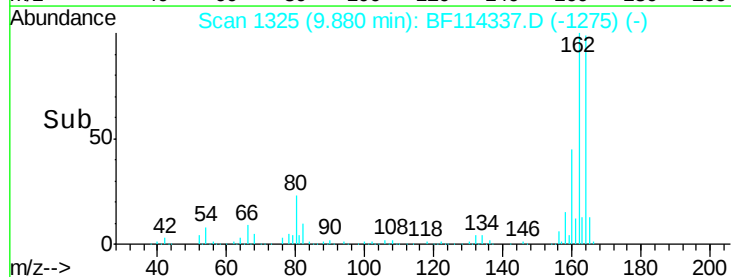
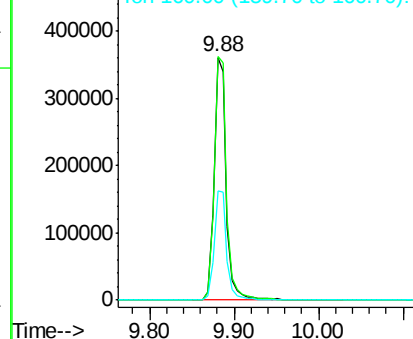
164 100

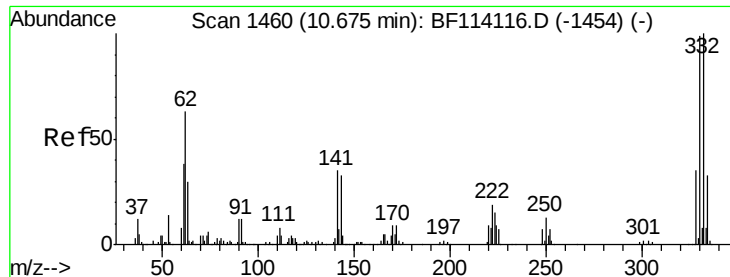
162 100.3 80.6 120.8

160 45.1 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

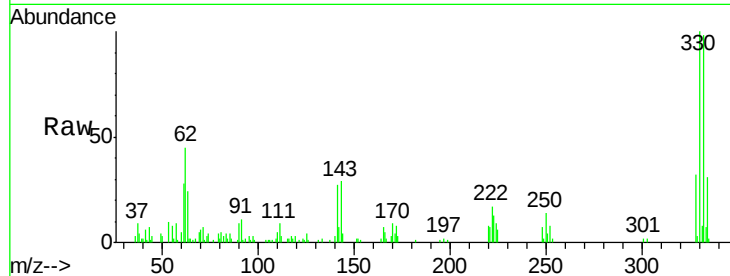




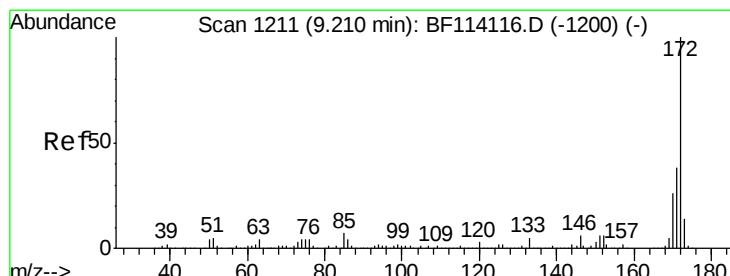
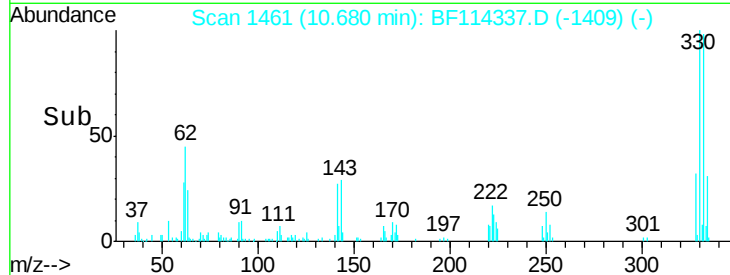
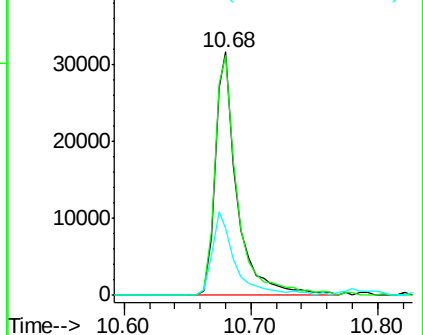
#42
 2,4,6-Tribromophenol
 Concen: 10.196 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF114337.D
 Acq: 17 May 2019 4:34

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-A

Tot Ion:330 Resp: 38396
 Ion Ratio Lower Upper
 330 100
 332 101.5 81.4 122.2
 141 35.9 26.6 40.0

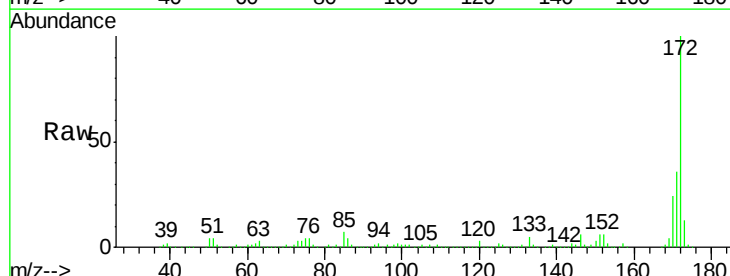


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

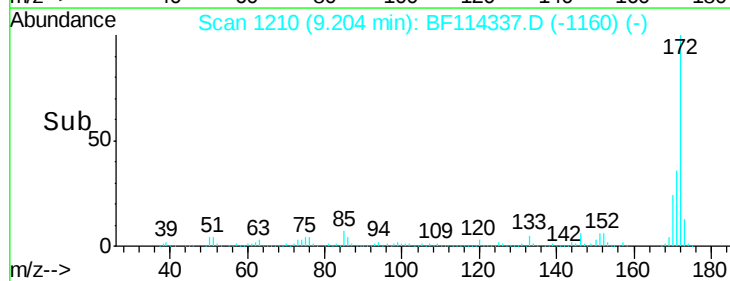
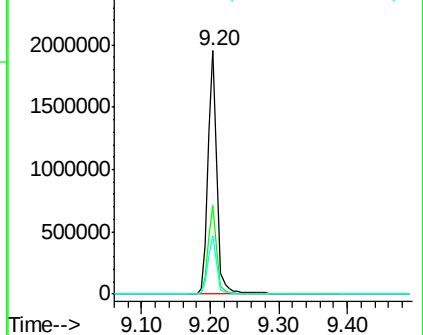


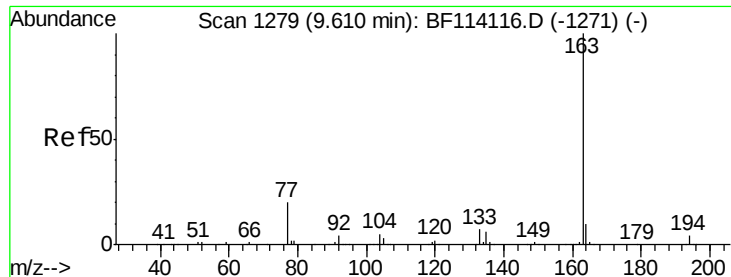
#45
 2-Fluorobiphenyl
 Concen: 76.511 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114337.D
 Acq: 17 May 2019 4:34

Tgt Ion:172 Resp: 1842476
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.7 46.1
 170 24.1 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

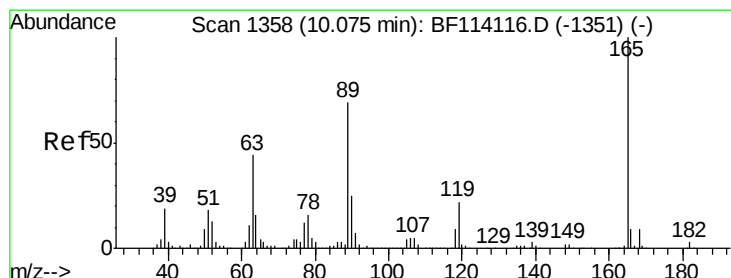
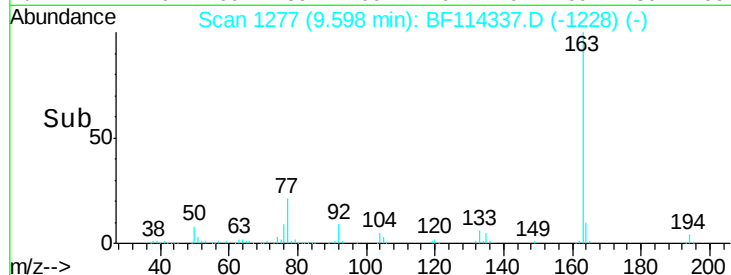
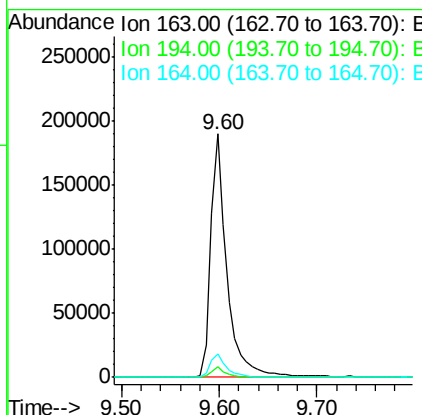
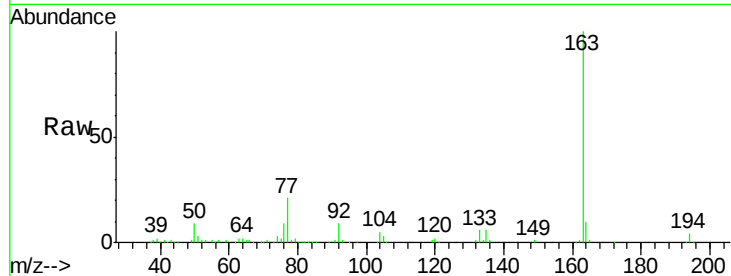




#50
Dimethylphthalate
Concen: 8.214 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114337.D
Acq: 17 May 2019 4:34

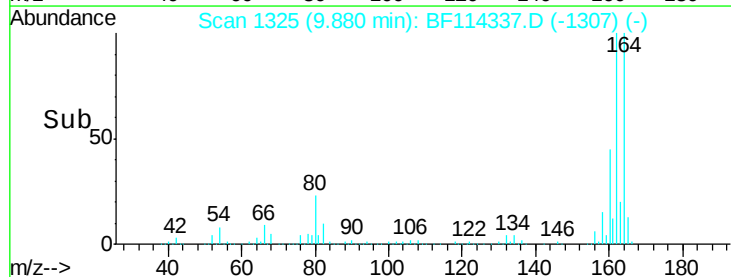
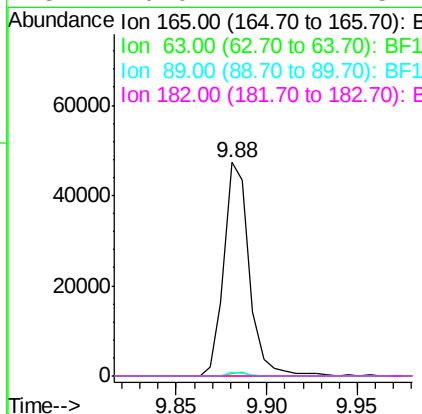
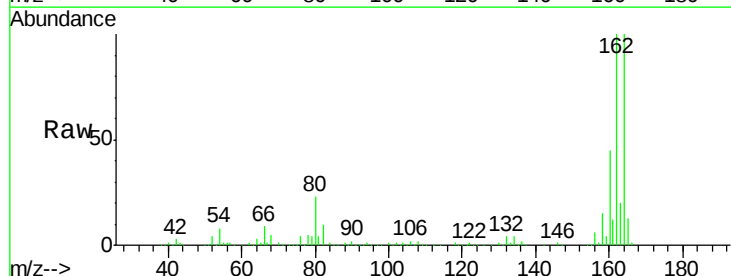
Instrument :
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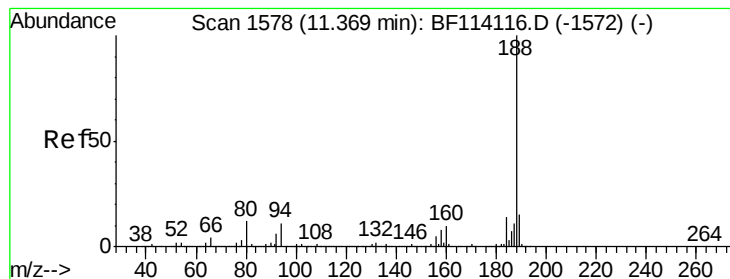
Tot Ion:163 Resp: 219643
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.7 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 5.739 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF114337.D
Acq: 17 May 2019 4:34

Tgt Ion:165 Resp: 46199
Ion Ratio Lower Upper
165 100
63 1.3 35.5 53.3#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114337.D

Acq: 17 May 2019 4:34

Instrument :

BNA_F

ClientSampleId :

CONCRETE-A

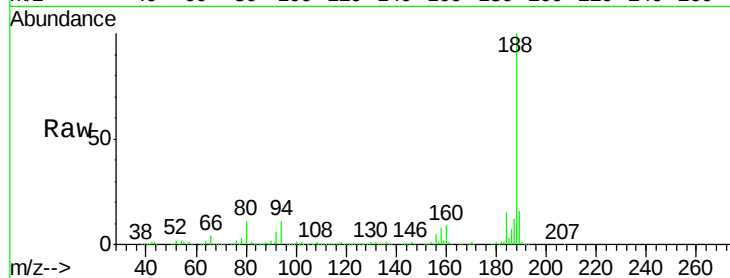
Tot Ion:188 Resp: 668303

Ion Ratio Lower Upper

188 100

94 10.8 8.4 12.6

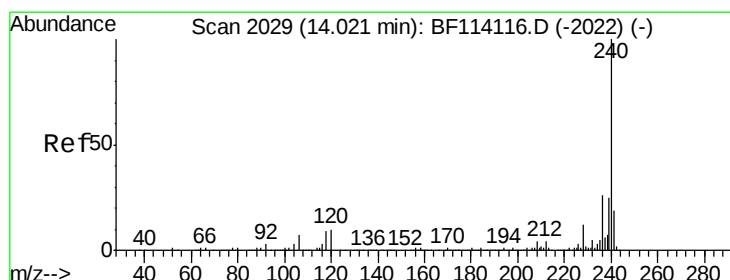
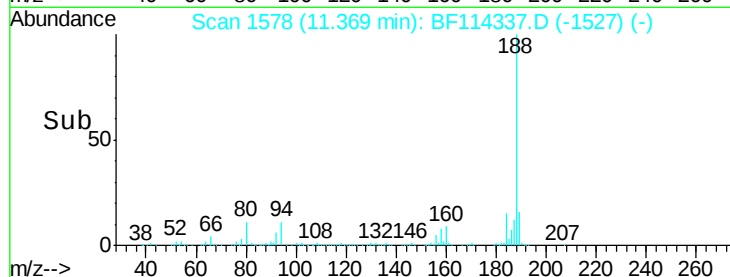
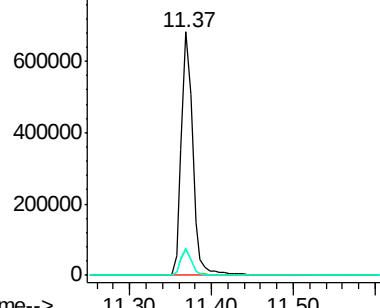
80 11.4 9.2 13.8



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: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114337.D

Acq: 17 May 2019 4:34

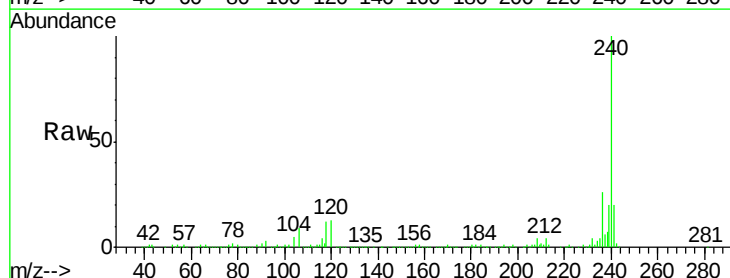
Tgt Ion:240 Resp: 464387

Ion Ratio Lower Upper

240 100

120 13.1 8.3 12.5#

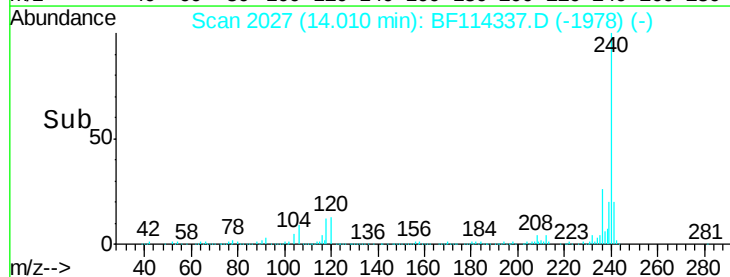
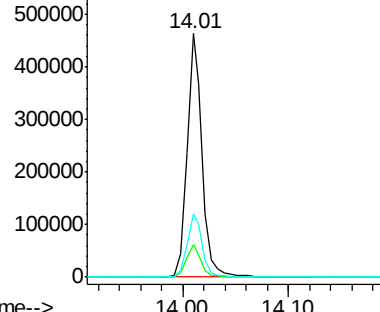
236 26.1 20.8 31.2

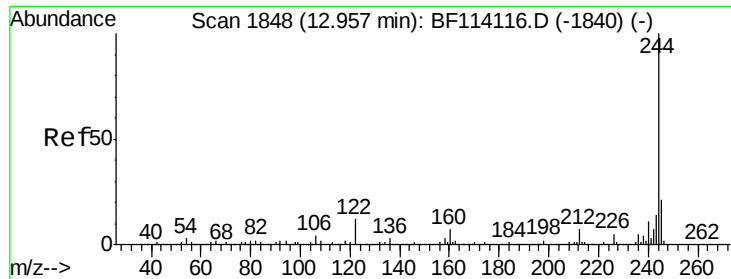


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

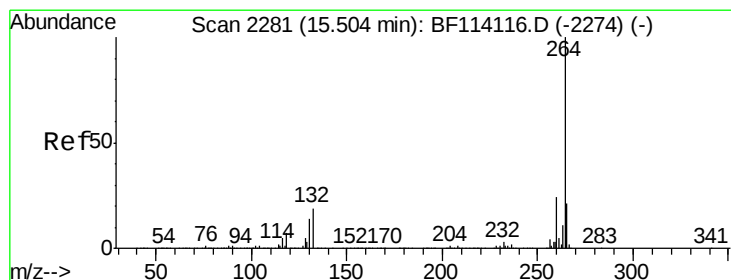
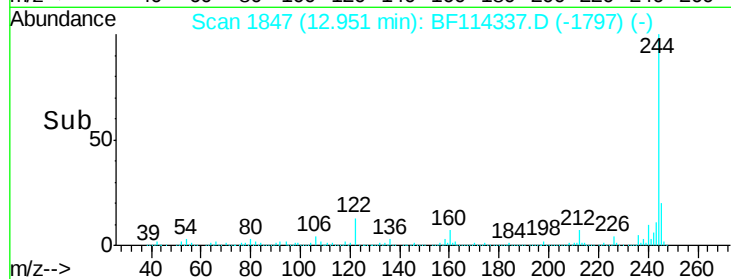
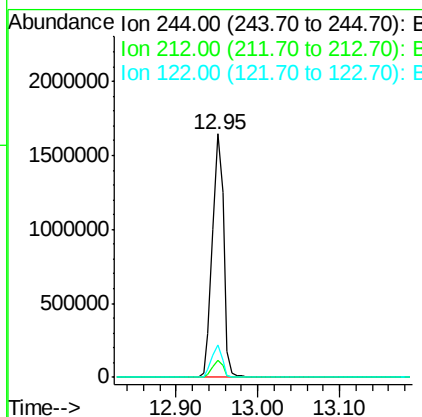
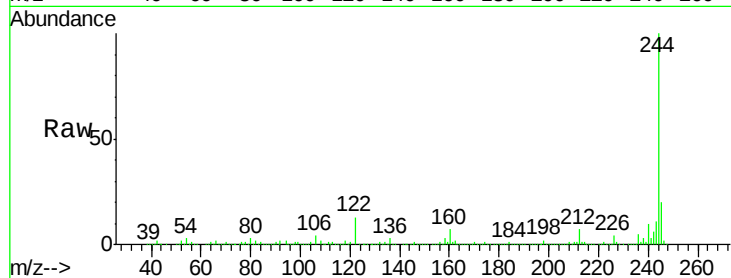




#79
 Terphenyl-d14
 Concen: 70.466 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114337.D
 Acq: 17 May 2019 4:34

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-A

Tot Ion:244 Resp: 1587406
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 13.1 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: BF114337.D
 Acq: 17 May 2019 4:34

Tgt Ion:264 Resp: 543325
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.0
 265 22.6 16.9 25.3

