

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
 Data File : BF119437.D
 Acq On : 19 Mar 2020 1:46
 Operator : CG/JU
 Sample : L1917-05 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CBH-594

Quant Time: Mar 19 07:53:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

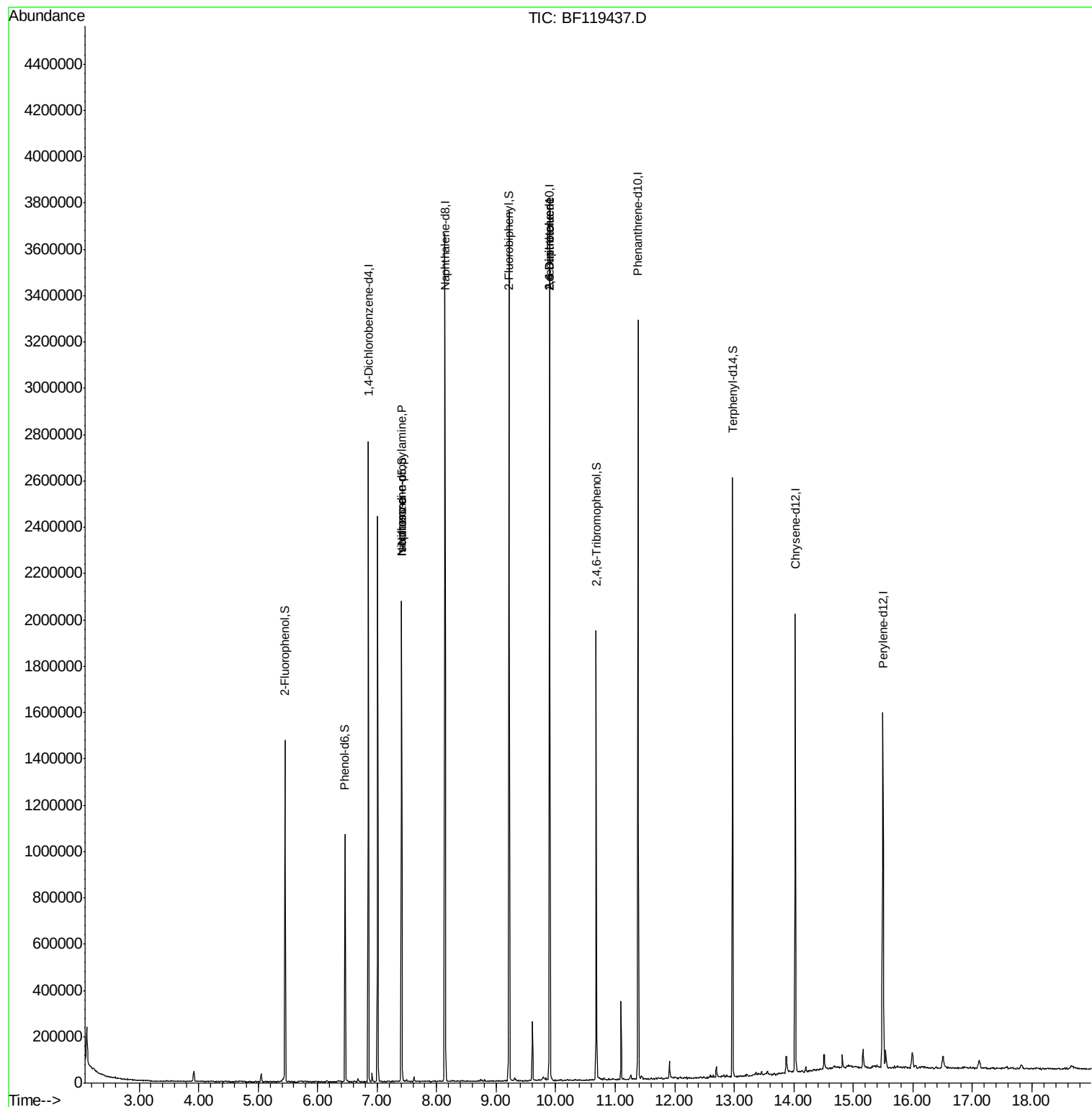
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	384527	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1441877	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	690282	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	1168669	20.00	ng	0.00
76) Chrysene-d12	14.02	240	690372	20.00	ng	-0.01
87) Perylene-d12	15.50	264	739139	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	348475	14.43	ng	0.00
7) Phenol-d6	6.46	99	330678	10.72	ng	-0.02
23) Nitrobenzene-d5	7.41	82	519881	19.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	202871	28.49	ng	-0.01
45) 2-Fluorobiphenyl	9.22	172	1027723	22.06	ng	0.00
79) Terphenyl-d14	12.97	244	902010	25.60	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	68235	3.67	ng	# 75
25) Isophorone	7.41	82	518036	9.63	ng	# 66
51) 2,6-Dinitrotoluene	9.90	165	91457	8.70	ng	# 18
57) 2,4-Dinitrotoluene	9.90	165	91457	6.91	ng	# 25

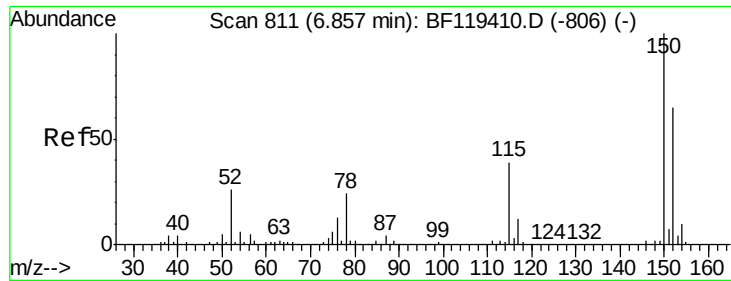
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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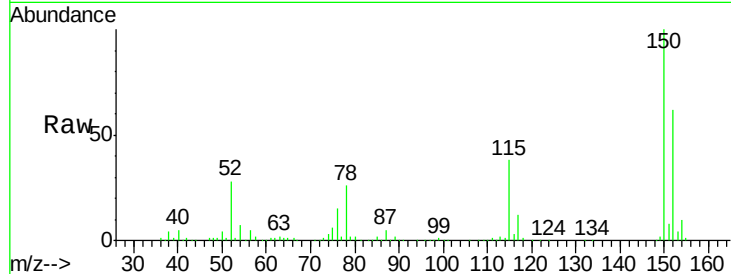


#1

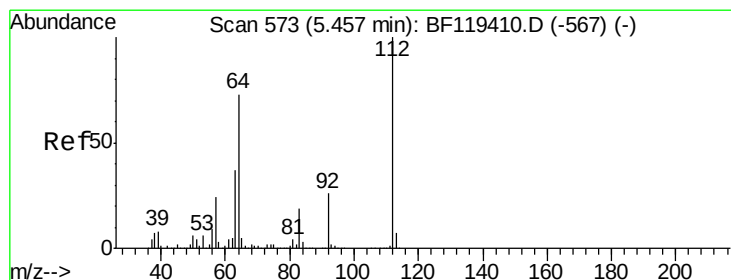
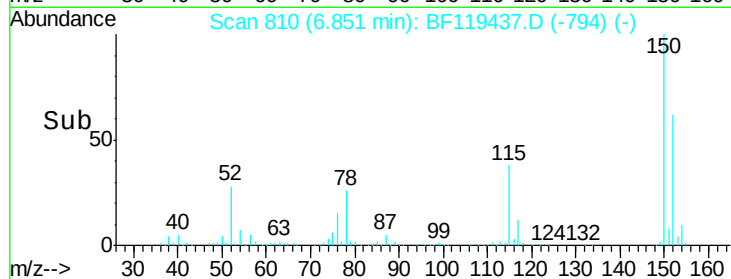
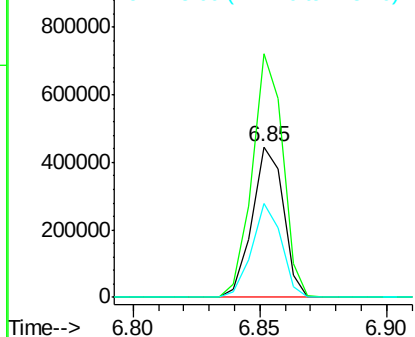
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF119437.D
Acq: 19 Mar 2020 1:46

Instrument :
BNA_F
ClientSampleId :
CBH-594

Tgt Ion:152 Resp: 384527
Ion Ratio Lower Upper
152 100
150 162.1 123.9 185.9
115 62.1 47.8 71.6



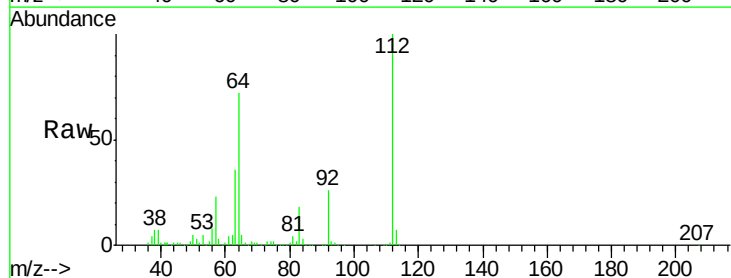
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



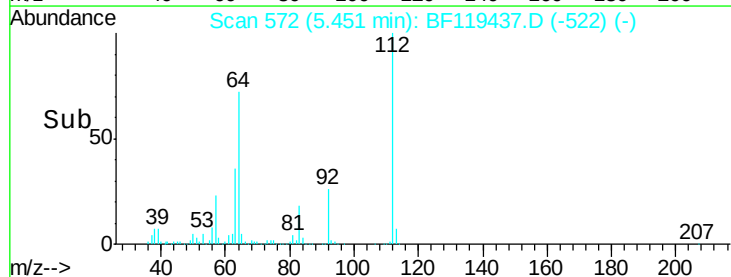
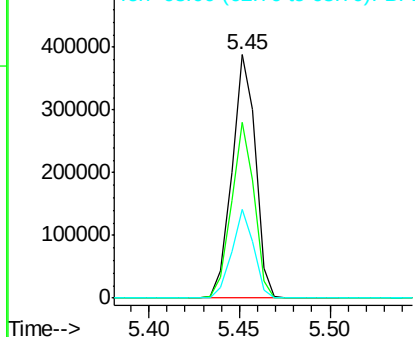
#5

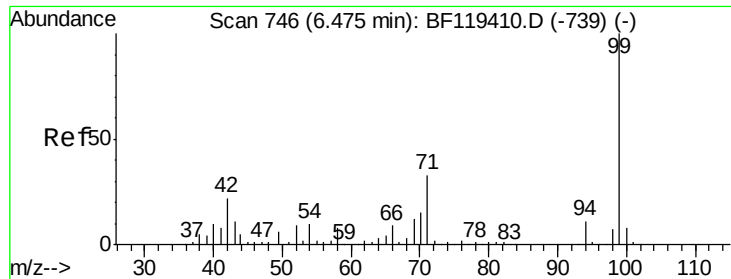
2-Fluorophenol
Concen: 14.43 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF119437.D
Acq: 19 Mar 2020 1:46

Tgt Ion:112 Resp: 348475
Ion Ratio Lower Upper
112 100
64 72.0 58.1 87.1
63 36.5 29.7 44.5



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: 10.72 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF119437.D

Acq: 19 Mar 2020 1:46

Instrument :

BNA_F

ClientSampleId :

CBH-594

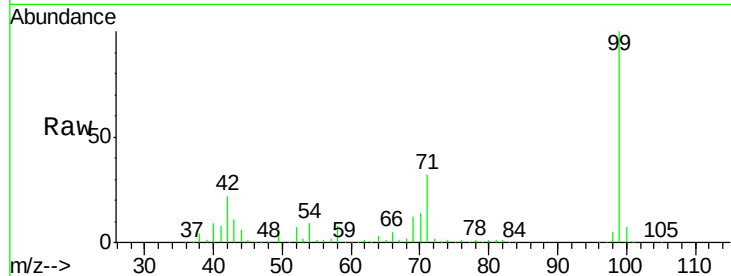
Tgt Ion: 99 Resp: 330678

Ion Ratio Lower Upper

99 100

42 21.7 17.8 26.6

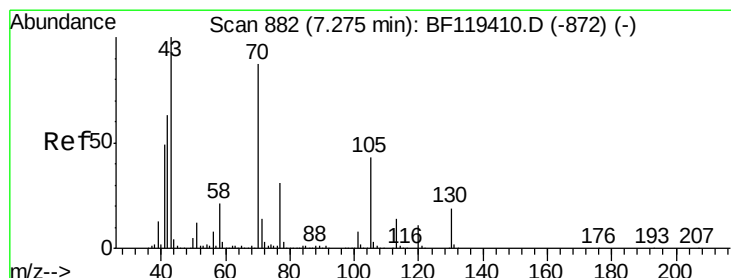
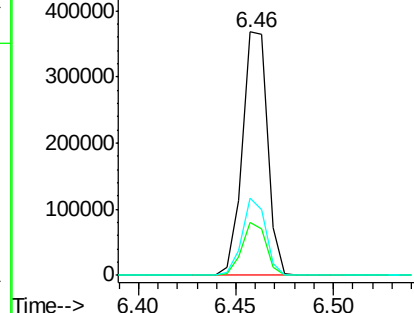
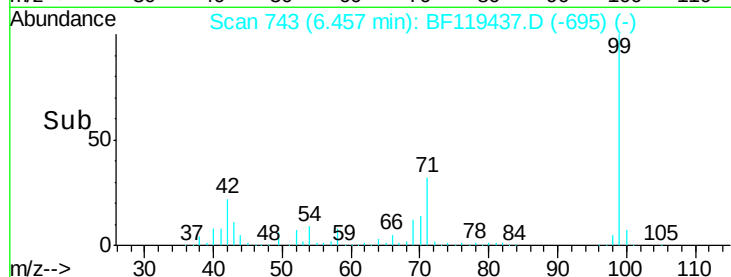
71 31.9 26.0 39.0



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: 3.67 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF119437.D

Acq: 19 Mar 2020 1:46

Tgt Ion: 70 Resp: 68235

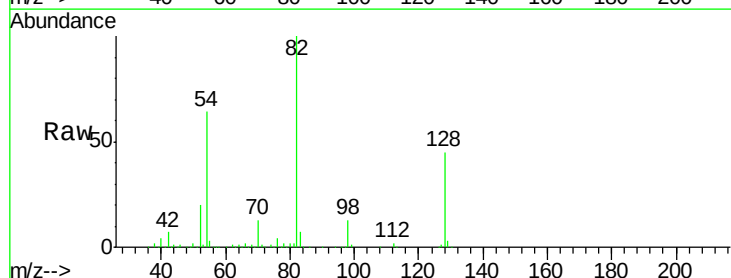
Ion Ratio Lower Upper

70 100

42 55.9 58.2 87.4#

101 0.0 7.4 11.2#

130 2.4 17.8 26.8#

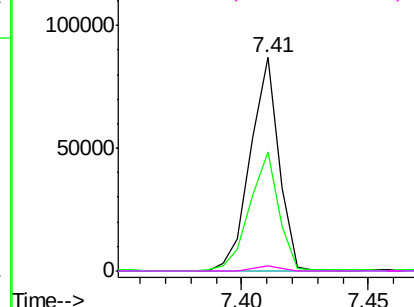
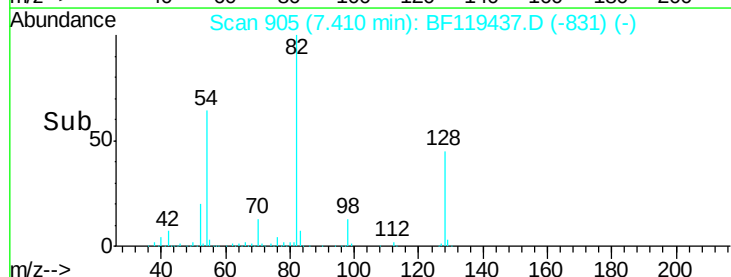


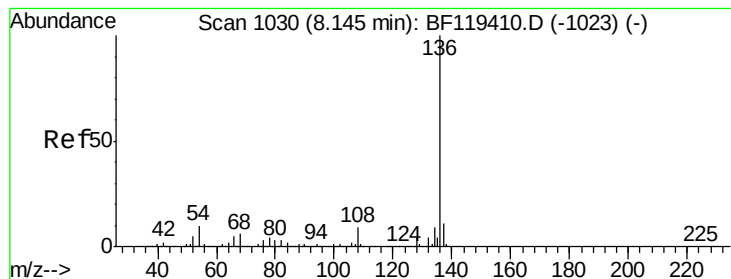
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF119437.D

Acq: 19 Mar 2020 1:46

Instrument :

BNA_F

ClientSampleId :

CBH-594

Tgt Ion:136 Resp: 1441877

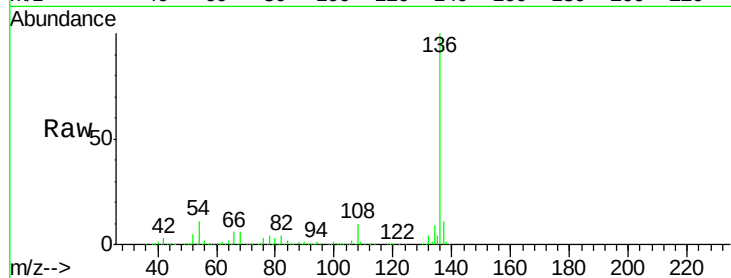
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 11.4 8.3 12.5

68 6.1 4.9 7.3

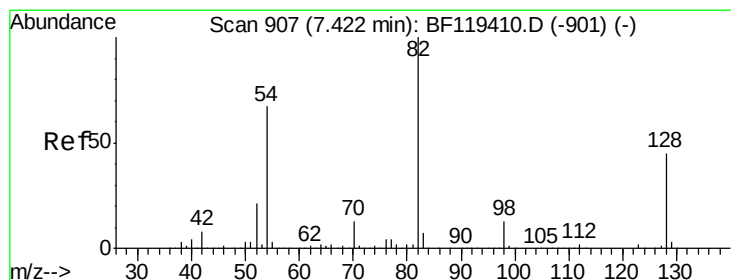
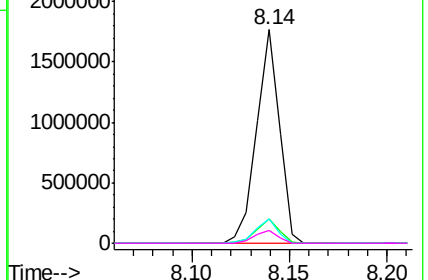
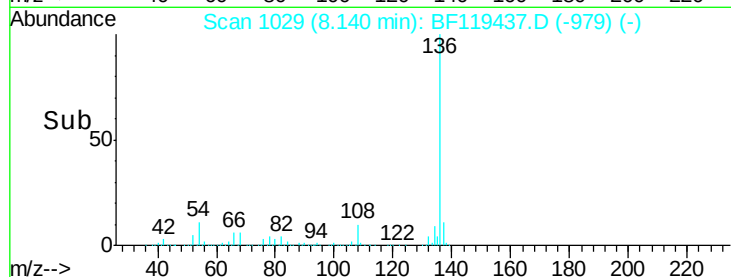


Abundance Ion 136.00 (135.70 to 136.70): E

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: 19.60 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF119437.D

Acq: 19 Mar 2020 1:46

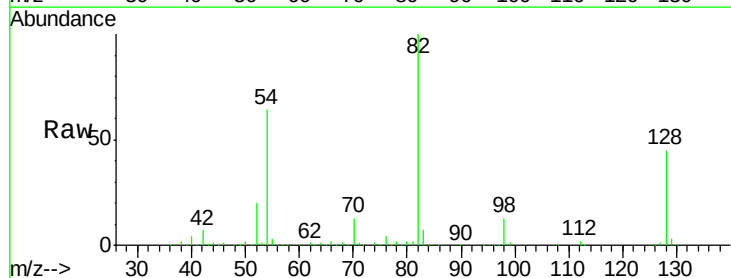
Tgt Ion: 82 Resp: 519881

Ion Ratio Lower Upper

82 100

128 44.5 35.8 53.8

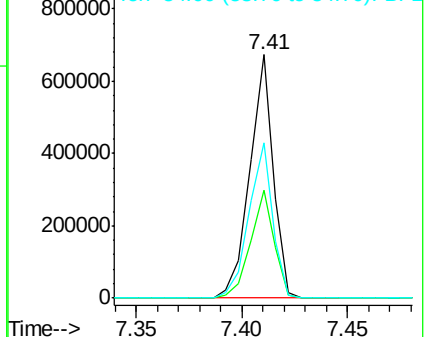
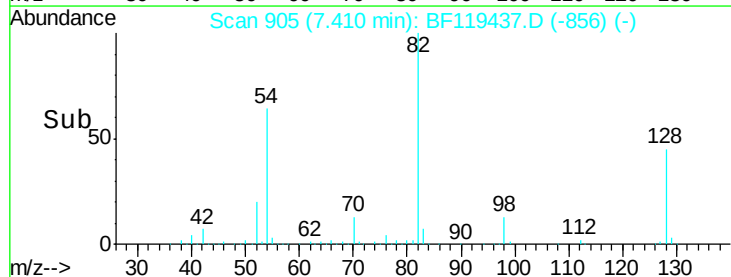
54 63.7 53.4 80.0

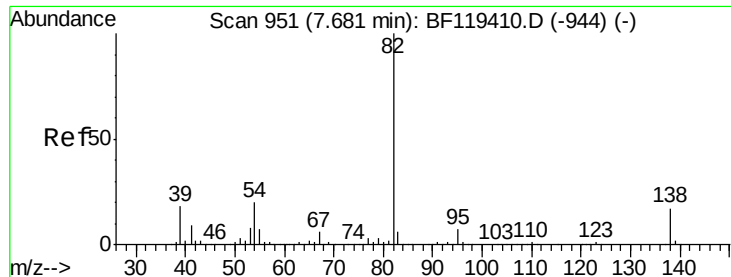


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 9.63 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF119437.D

Acq: 19 Mar 2020 1:46

Instrument :

BNA_F

ClientSampleId :

CBH-594

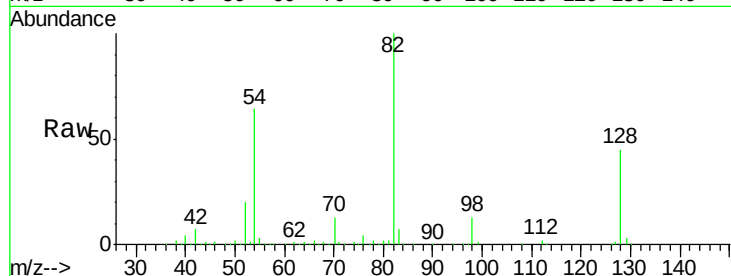
Tgt Ion: 82 Resp: 518036

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

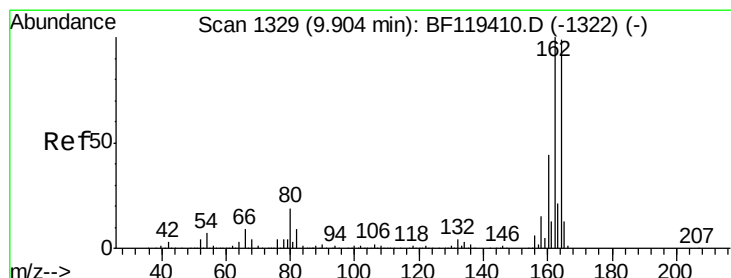
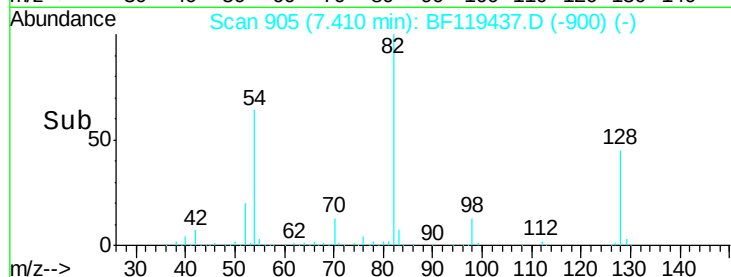
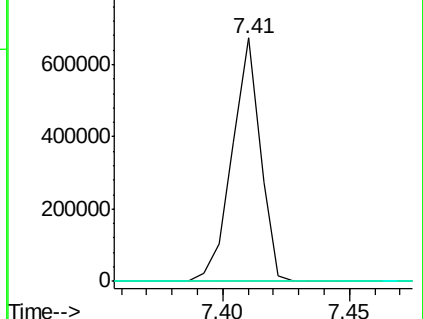
138 0.0 13.8 20.8#



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: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF119437.D

Acq: 19 Mar 2020 1:46

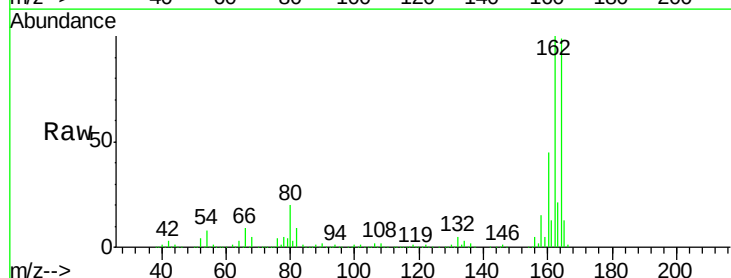
Tgt Ion: 164 Resp: 690282

Ion Ratio Lower Upper

164 100

162 101.1 80.7 121.1

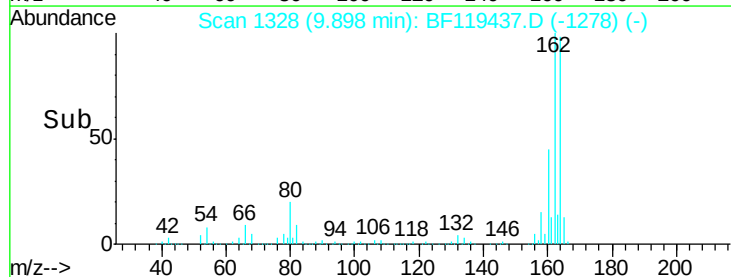
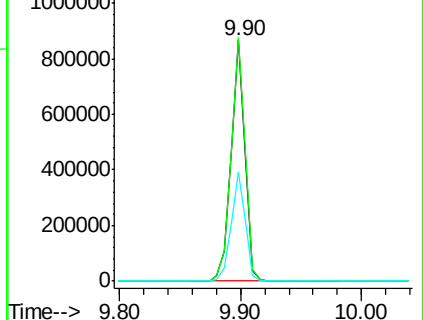
160 45.5 35.5 53.3

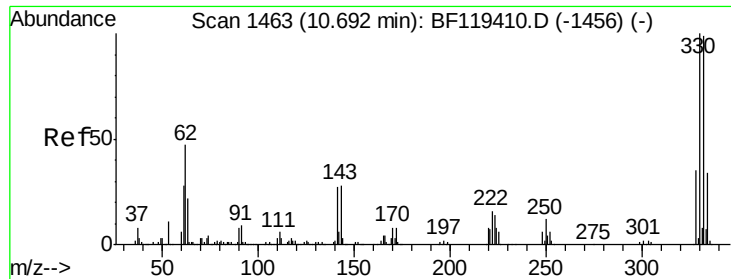


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 28.49 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119437.D

Acq: 19 Mar 2020 1:46

Instrument :

BNA_F

ClientSampleId :

CBH-594

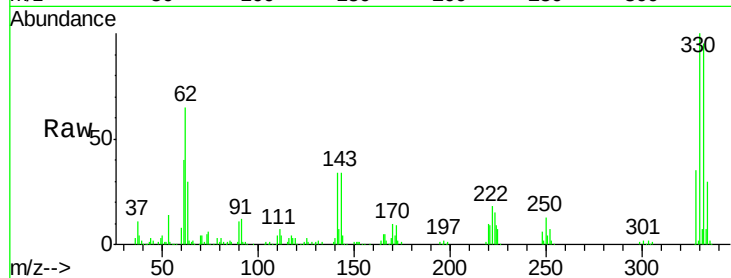
Tgt Ion:330 Resp: 202871

Ion Ratio Lower Upper

330 100

332 94.1 77.6 116.4

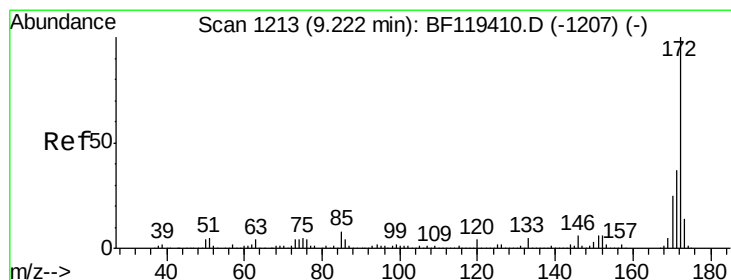
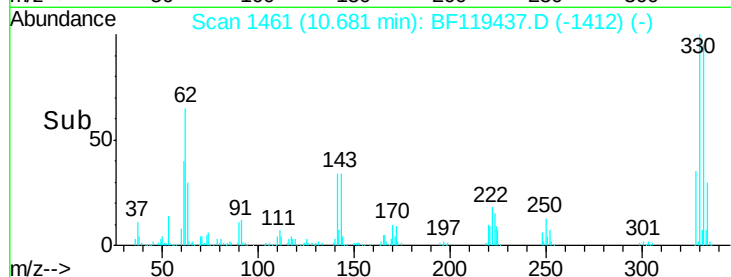
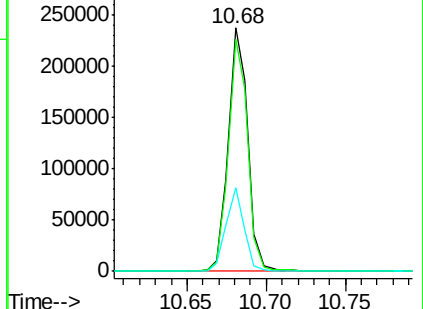
141 32.0 26.6 40.0



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: 22.06 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF119437.D

Acq: 19 Mar 2020 1:46

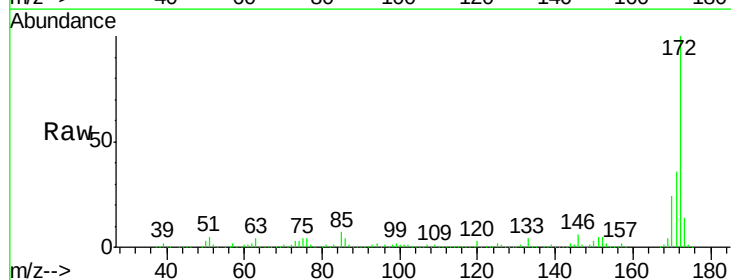
Tgt Ion:172 Resp: 1027723

Ion Ratio Lower Upper

172 100

171 35.9 29.9 44.9

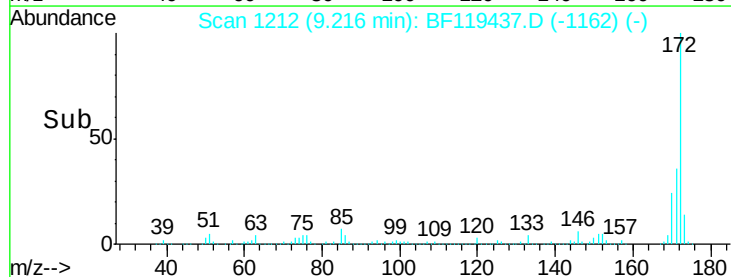
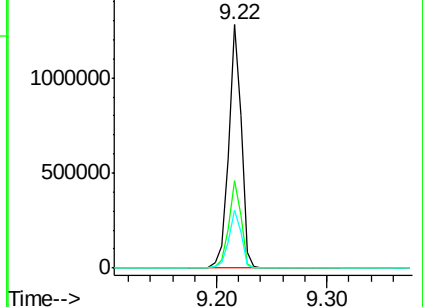
170 23.8 20.1 30.1

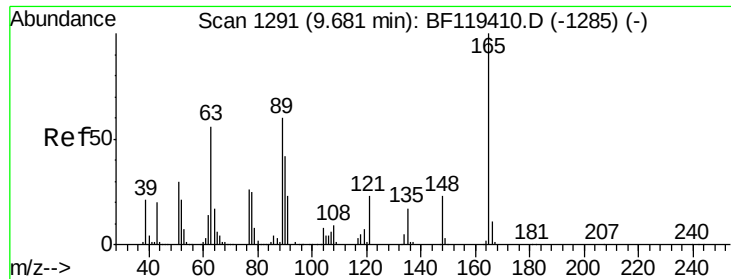


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.70 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.22 min

Lab File: BF119437.D

Acq: 19 Mar 2020 1:46

Instrument :

BNA_F

ClientSampled :

CBH-594

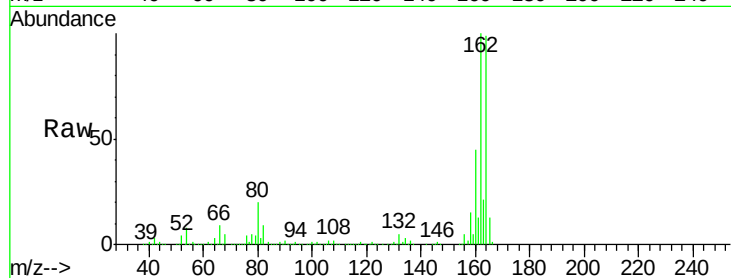
Tgt Ion:165 Resp: 91457

Ion Ratio Lower Upper

165 100

63 1.2 57.3 85.9#

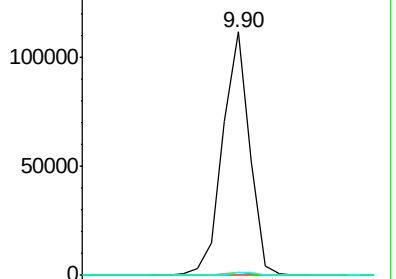
89 1.2 47.8 71.8#



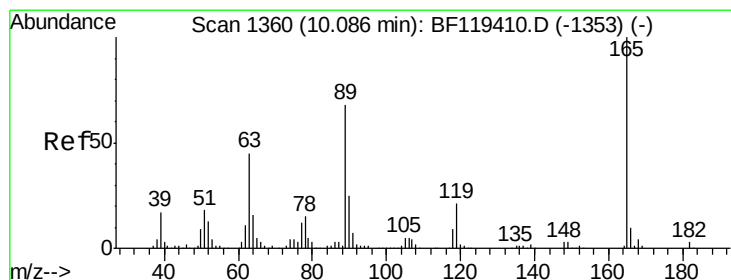
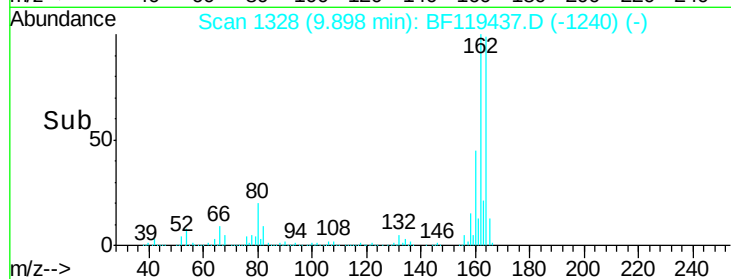
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



Time-->



#57

2,4-Dinitrotoluene

Concen: 6.91 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.19 min

Lab File: BF119437.D

Acq: 19 Mar 2020 1:46

Tgt Ion:165 Resp: 91457

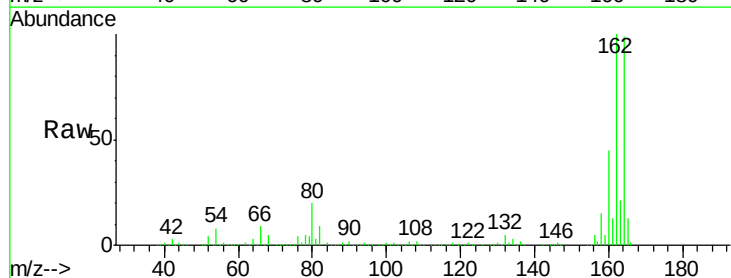
Ion Ratio Lower Upper

165 100

63 1.2 36.2 54.4#

89 1.2 54.3 81.5#

182 0.0 2.0 3.0#

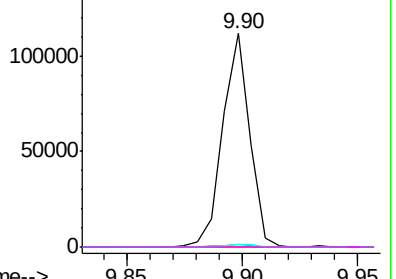


Abundance Ion 165.00 (164.70 to 165.70): E

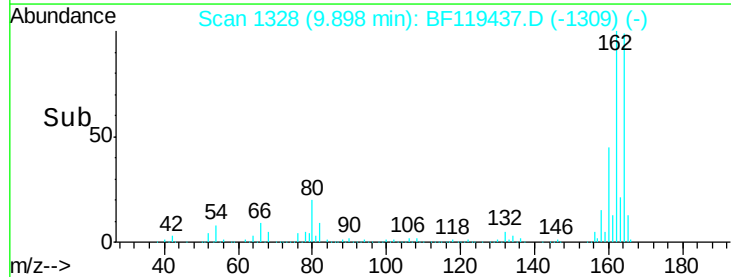
Ion 63.00 (62.70 to 63.70): BF1

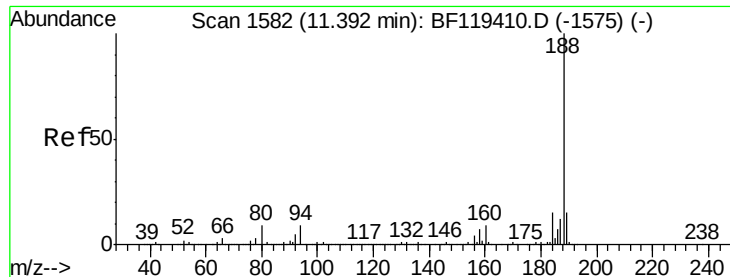
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->

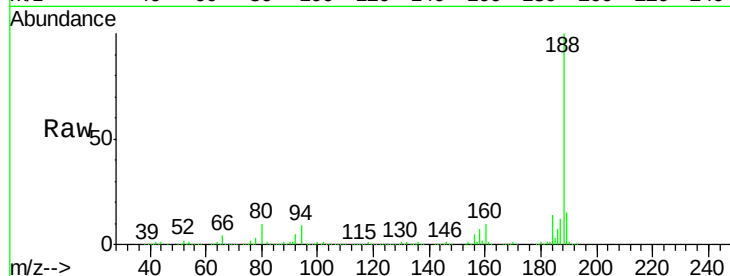




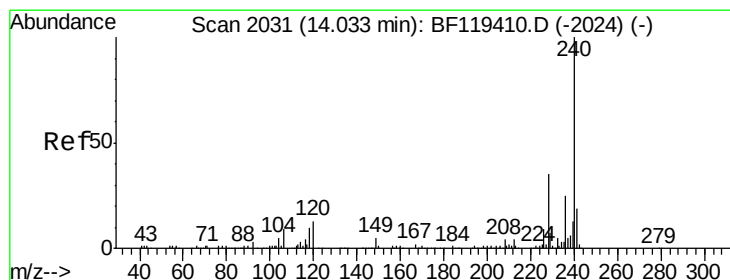
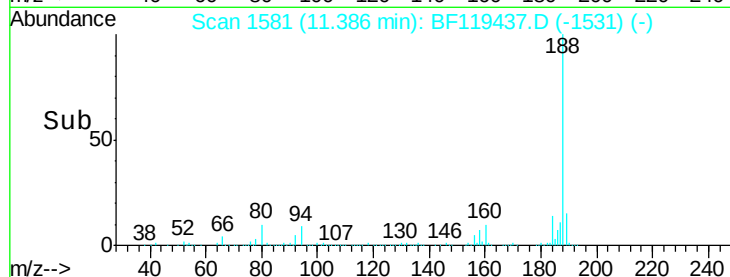
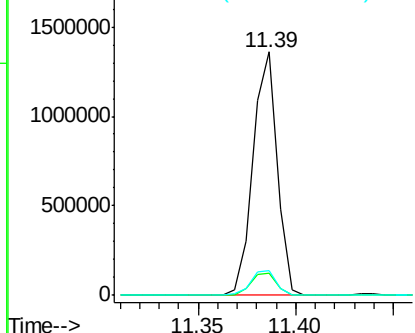
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF119437.D
Acq: 19 Mar 2020 1:46

Instrument :
BNA_F
ClientSampleId :
CBH-594

Tgt Ion:188 Resp: 1168669
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 10.0 7.5 11.3

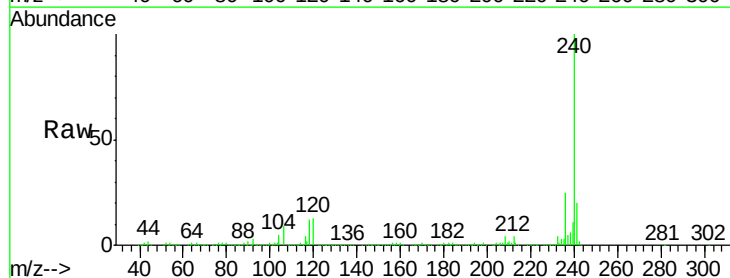


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

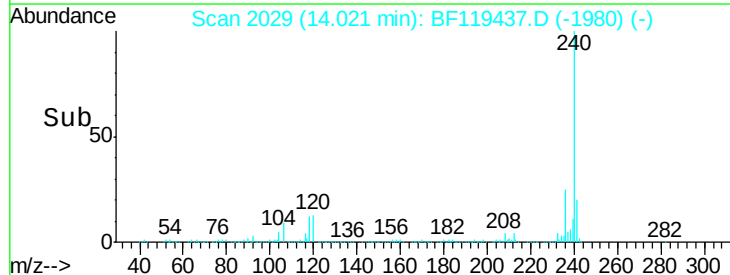
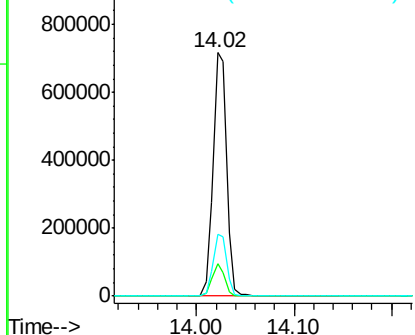


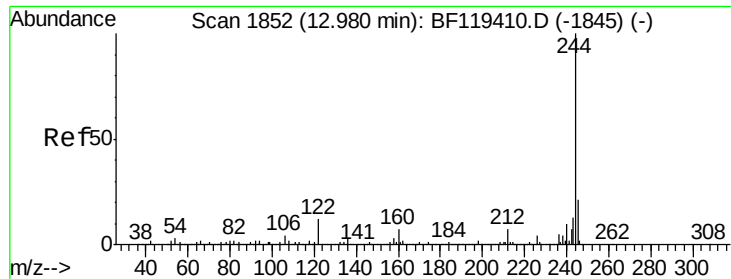
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF119437.D
Acq: 19 Mar 2020 1:46

Tgt Ion:240 Resp: 690372
Ion Ratio Lower Upper
240 100
120 13.4 10.2 15.4
236 25.3 20.4 30.6



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: 25.60 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF119437.D

Acq: 19 Mar 2020 1:46

Instrument :

BNA_F

ClientSampled :

CBH-594

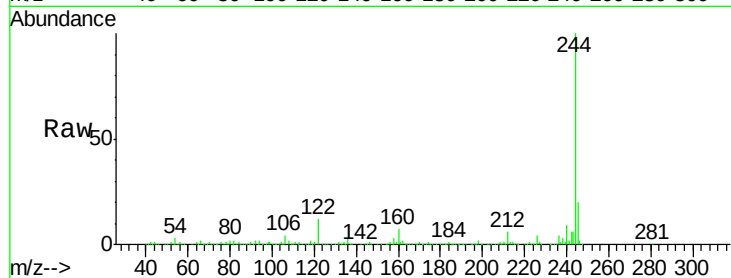
Tgt Ion:244 Resp: 902010

Ion Ratio Lower Upper

244 100

212 6.1 5.7 8.5

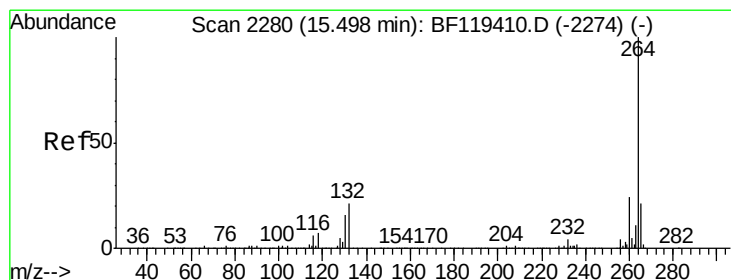
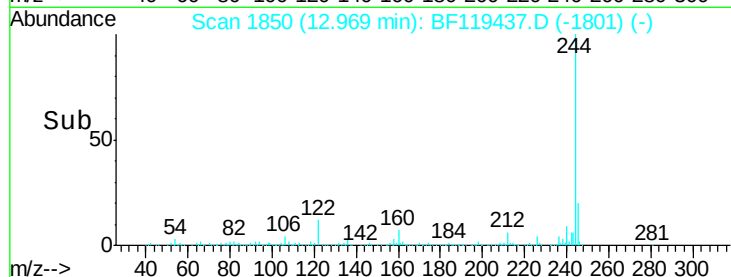
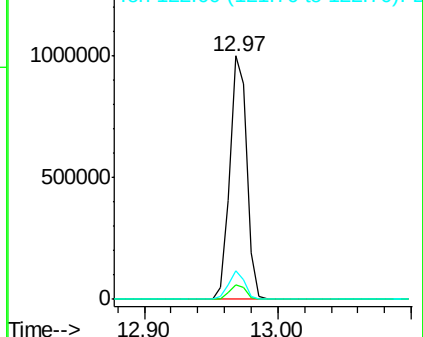
122 11.9 9.8 14.8



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: 20.00 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BF119437.D

Acq: 19 Mar 2020 1:46

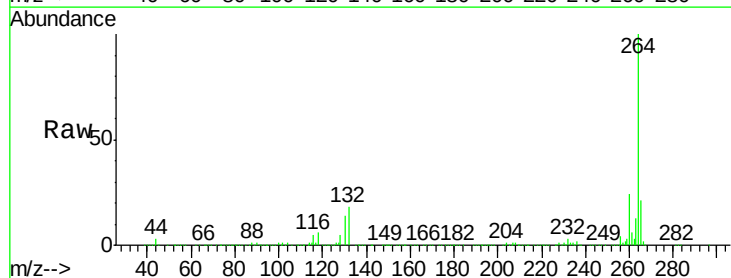
Tgt Ion:264 Resp: 739139

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 21.3 16.9 25.3



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

