

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051719\
 Data File : BF114370.D
 Acq On : 18 May 2019 1:09
 Operator : JU/SJ
 Sample : K2894-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 05:07:50 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

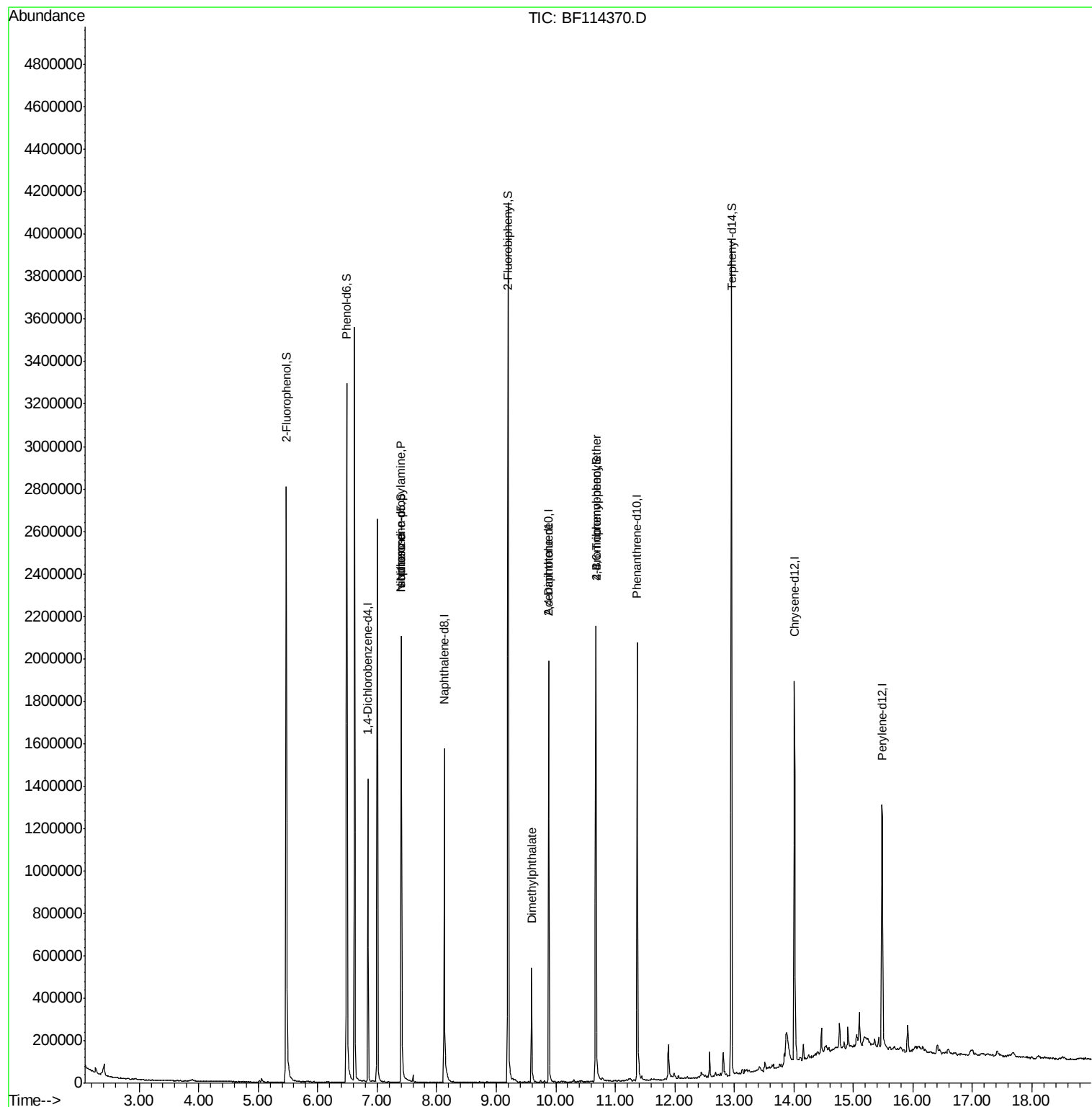
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	198586	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	788489	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	380103	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	783792	20.00	ng	0.00
76) Chrysene-d12	14.01	240	591098	20.00	ng	-0.01
87) Perylene-d12	15.49	264	527566	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	883639	71.61	ng	0.00
7) Phenol-d6	6.49	99	1185091	81.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	710891	50.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	293320	74.64	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1322462	52.63	ng	-0.01
79) Terphenyl-d14	12.95	244	1326577	46.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	90959	9.832	ng	# 74
25) Isophorone	7.40	82	710887	27.282	ng	# 64
50) Dimethylphthalate	9.59	163	232832	8.344	ng	99
57) 2,4-Dinitrotoluene	9.88	165	48258	5.745	ng	# 26
67) 4-Bromophenyl-phenylether	10.67	248	19388	2.247	ng	# 1

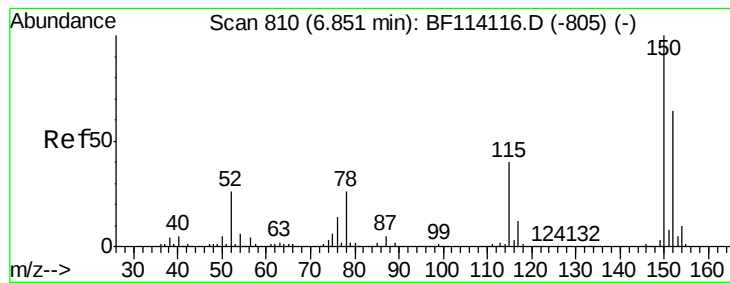
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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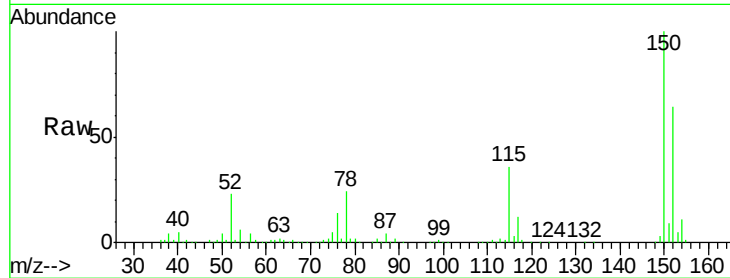


#1

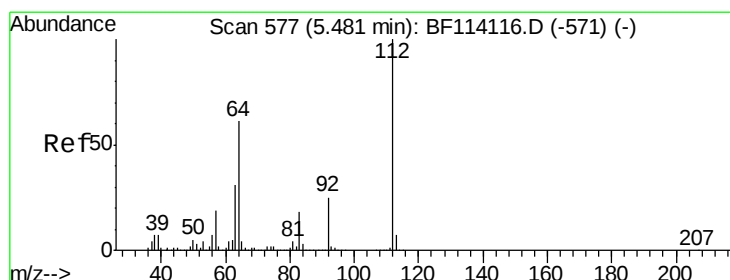
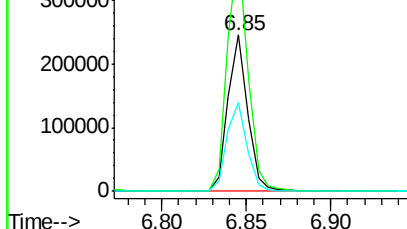
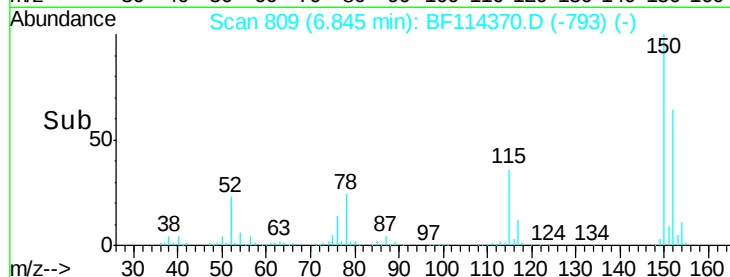
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114370.D
Acq: 18 May 2019 1:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 198586
Ion Ratio Lower Upper
152 100
150 155.9 124.3 186.5
115 56.7 49.1 73.7



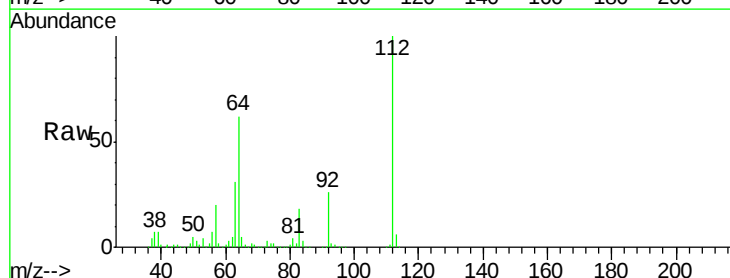
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



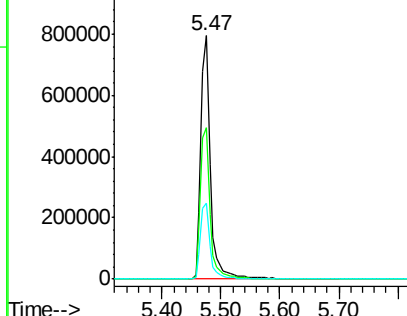
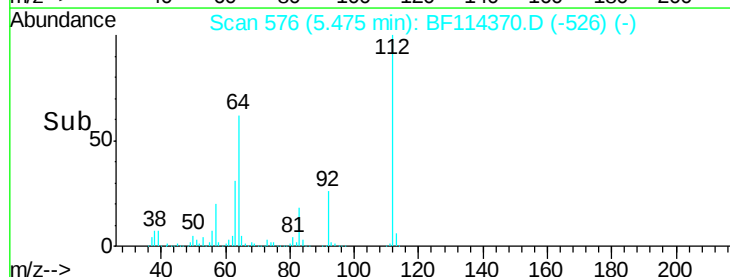
#5

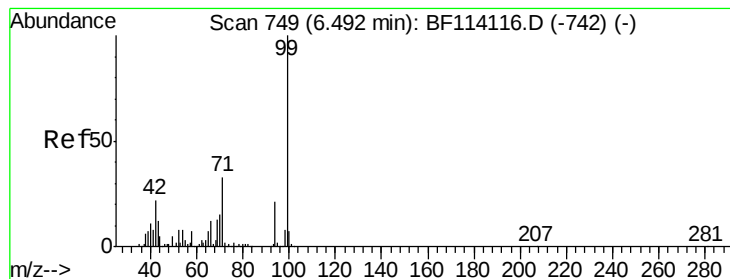
2-Fluorophenol
Concen: 71.607 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF114370.D
Acq: 18 May 2019 1:09

Tgt Ion:112 Resp: 883639
Ion Ratio Lower Upper
112 100
64 62.3 49.0 73.6
63 31.2 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: 81.198 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114370.D

Acq: 18 May 2019 1:09

Instrument :

BNA_F

ClientSampleId :

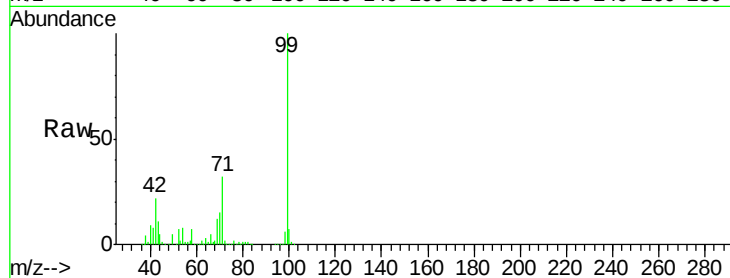
Tot Ion: 99 Resp: 1185091

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

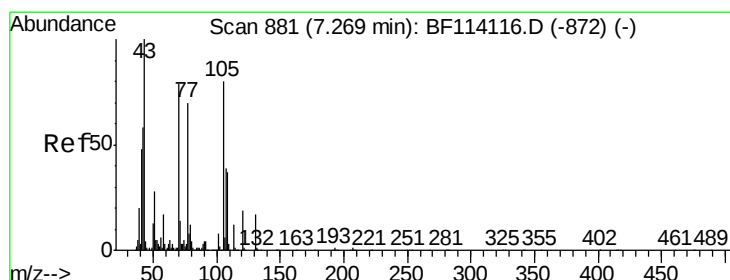
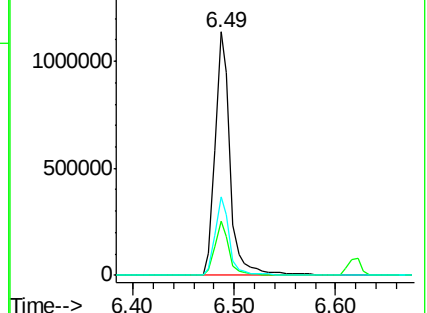
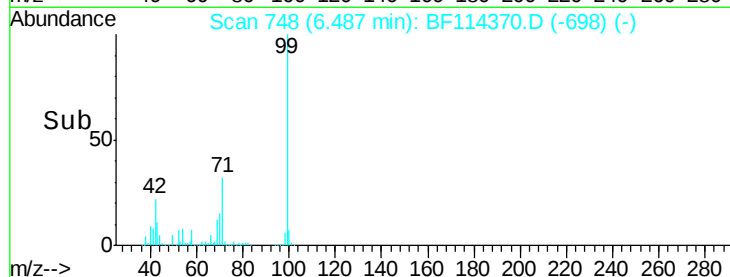
71 32.3 26.2 39.2



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: 9.832 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF114370.D

Acq: 18 May 2019 1:09

Tgt Ion: 70 Resp: 90959

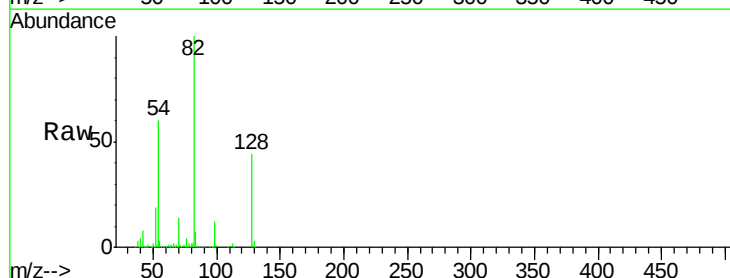
Ion Ratio Lower Upper

70 100

42 55.2 58.6 87.8#

101 0.0 7.8 11.8#

130 2.0 17.1 25.7#

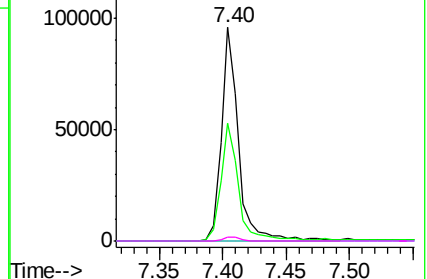
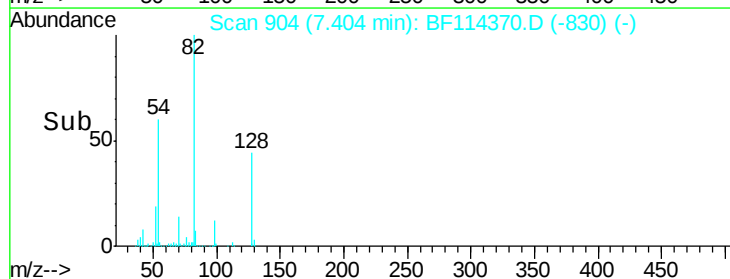


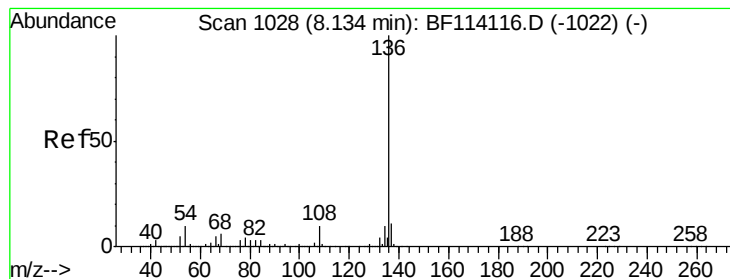
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF114370.D

Acq: 18 May 2019 1:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 788489

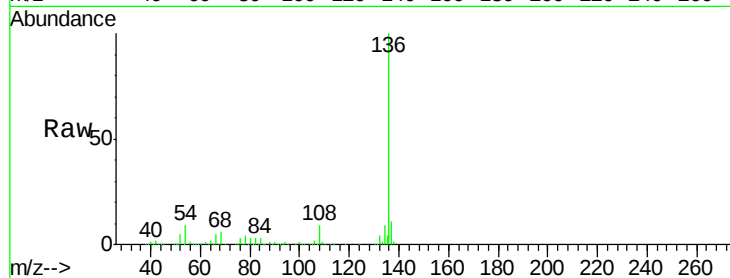
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.2 7.8 11.8

68 6.4 5.1 7.7

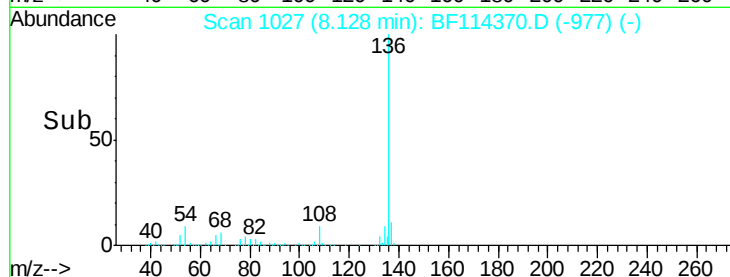


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

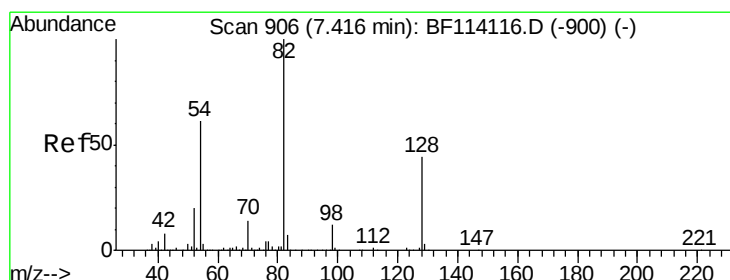
Ion 68.00 (67.70 to 68.70): BF1



Time-->

8.13

8.10 8.20 8.30



#23

Nitrobenzene-d5

Concen: 50.597 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF114370.D

Acq: 18 May 2019 1:09

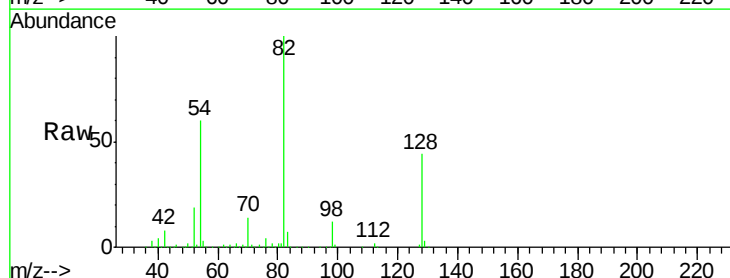
Tgt Ion: 82 Resp: 710891

Ion Ratio Lower Upper

82 100

128 43.8 35.5 53.3

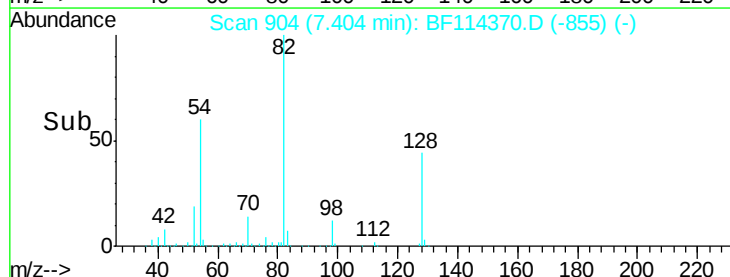
54 60.1 48.5 72.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

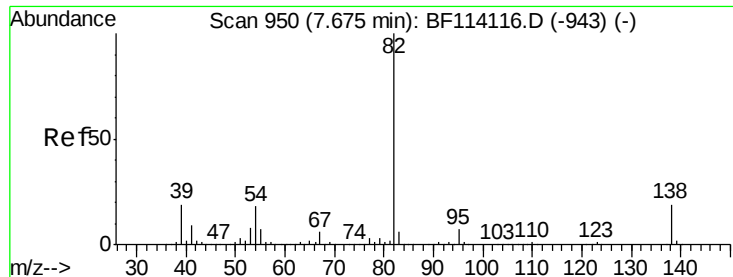
Ion 54.00 (53.70 to 54.70): BF1



Time-->

7.40

7.30 7.40 7.50 7.60



#25

Isophorone

Concen: 27.282 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF114370.D

Acq: 18 May 2019 1:09

Instrument :

BNA_F

ClientSampled :

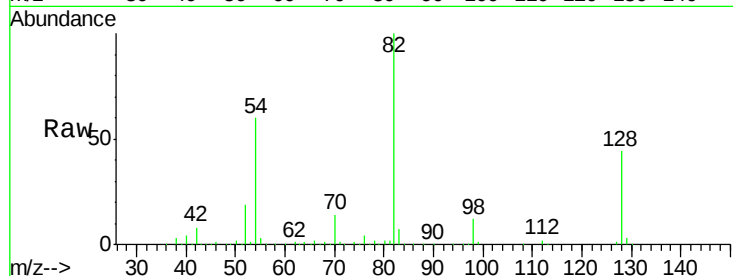
Tot Ion: 82 Resp: 710887

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

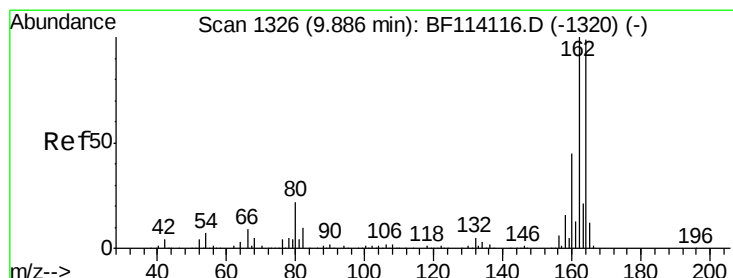
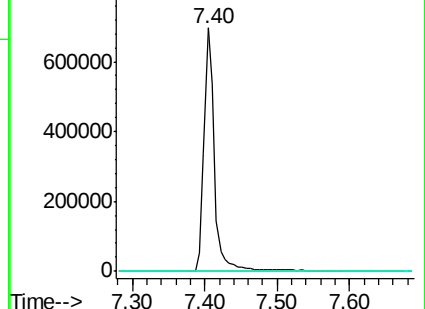
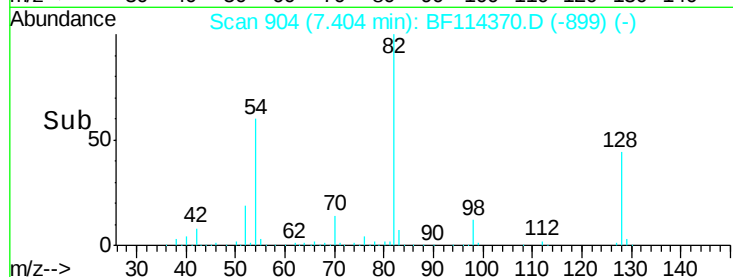
138 0.0 14.8 22.2#



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: BF114370.D

Acq: 18 May 2019 1:09

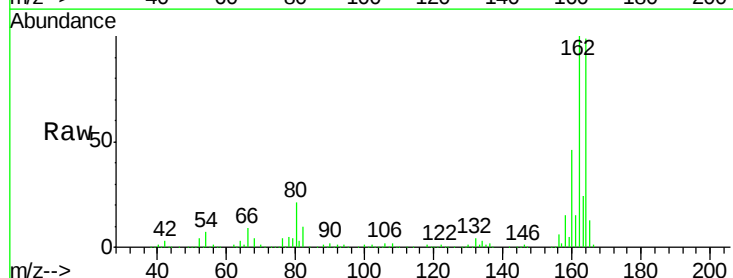
Tgt Ion: 164 Resp: 380103

Ion Ratio Lower Upper

164 100

162 100.9 80.6 120.8

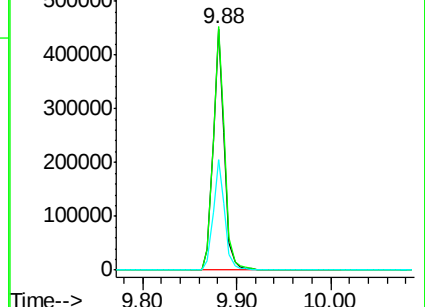
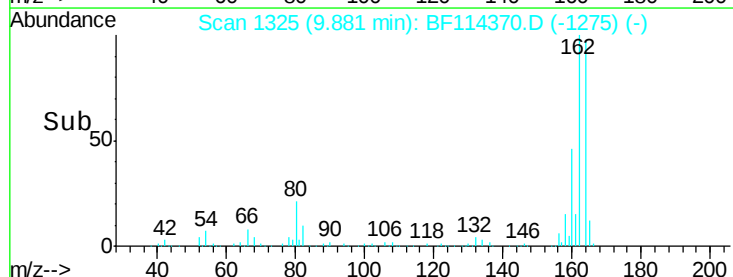
160 45.9 36.5 54.7

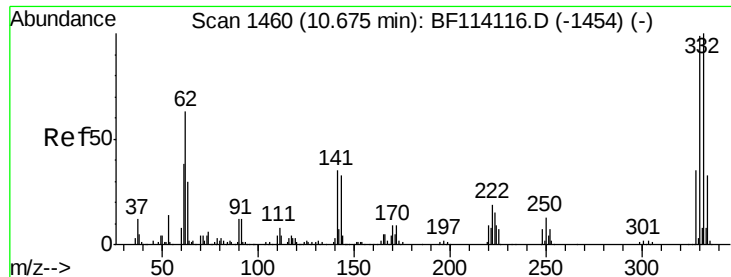


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 74.643 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF114370.D

Acq: 18 May 2019 1:09

Instrument :

BNA_F

ClientSampleId :

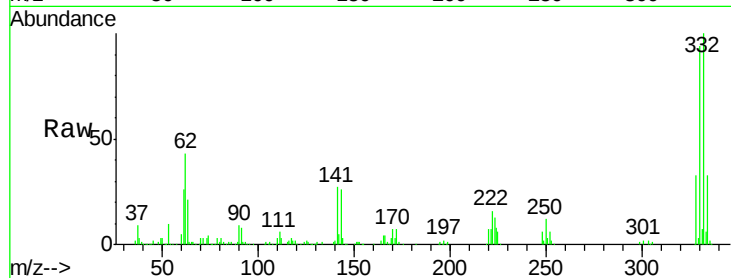
Tot Ion:330 Resp: 293320

Ion Ratio Lower Upper

330 100

332 103.5 81.4 122.2

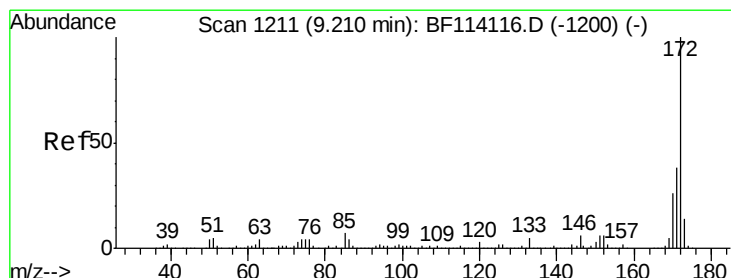
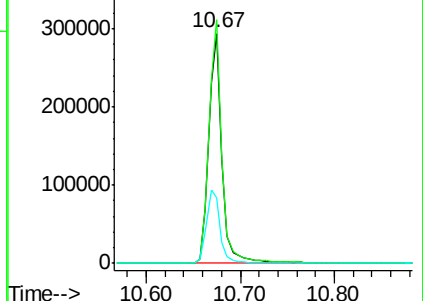
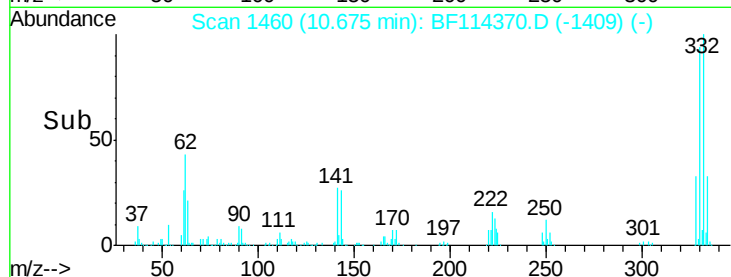
141 33.4 26.6 40.0



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: 52.629 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF114370.D

Acq: 18 May 2019 1:09

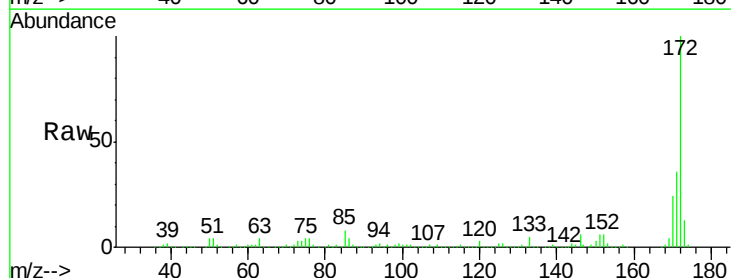
Tgt Ion:172 Resp: 1322462

Ion Ratio Lower Upper

172 100

171 36.1 30.7 46.1

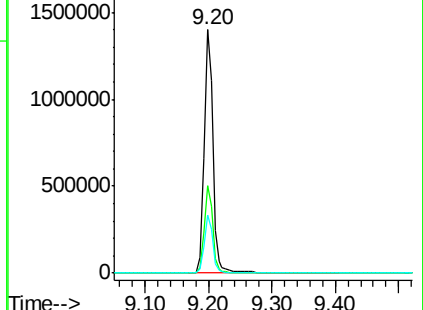
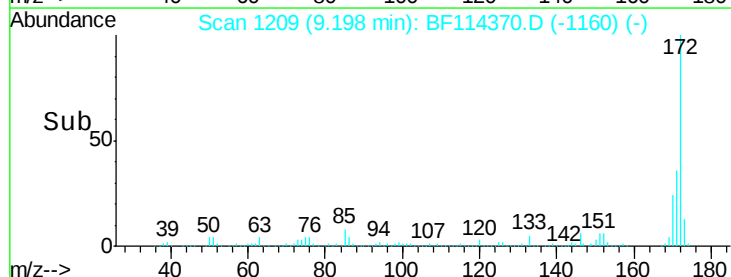
170 23.7 20.5 30.7

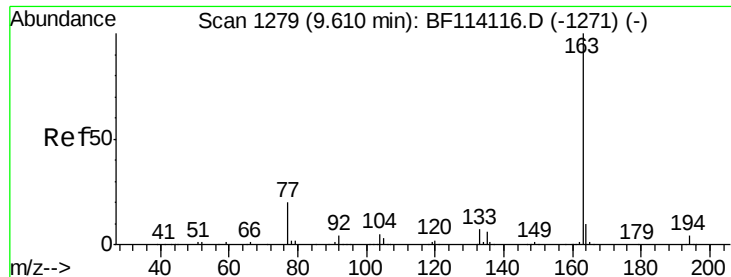


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

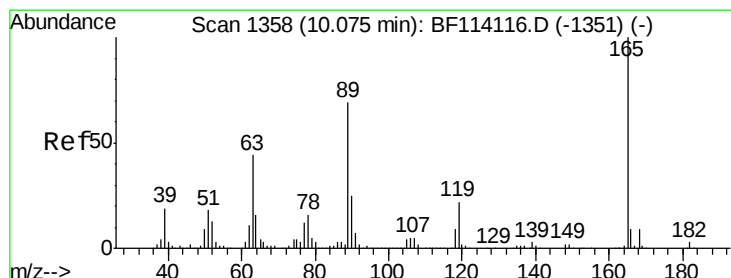
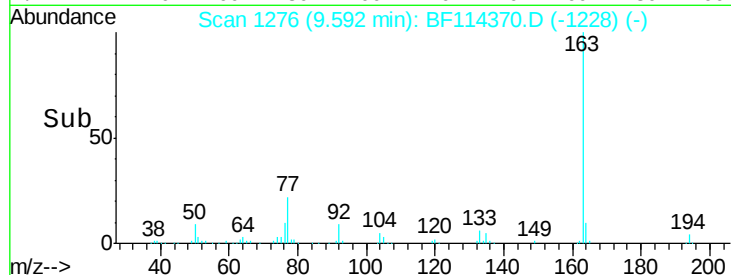
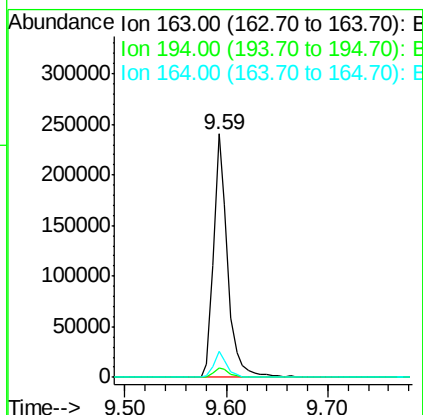
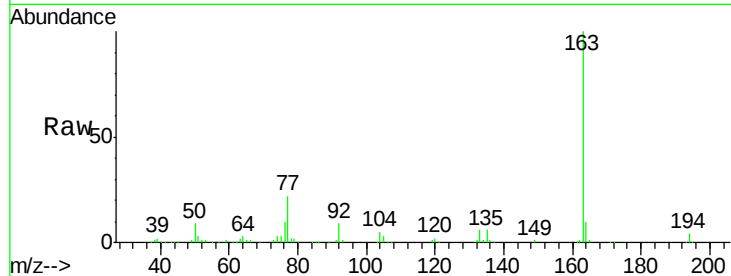




#50
Dimethylphthalate
Concen: 8.344 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF114370.D
Acq: 18 May 2019 1:09

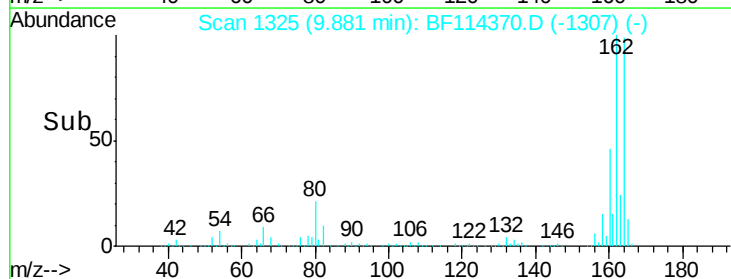
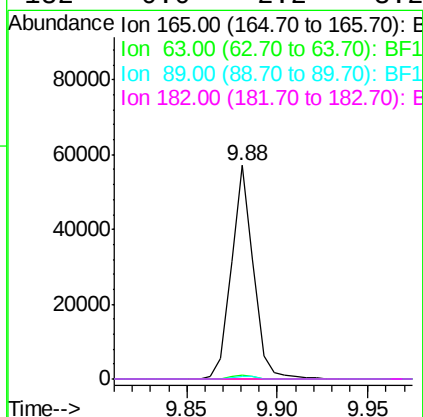
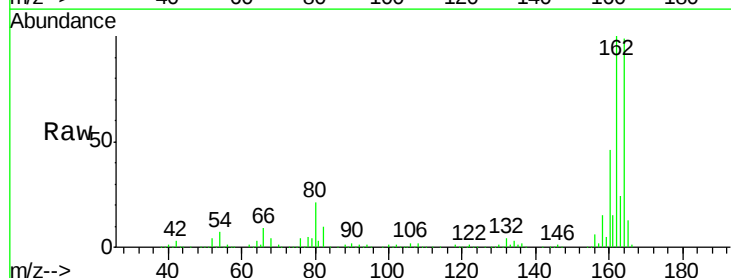
Instrument :
BNA_F
ClientSampleId :

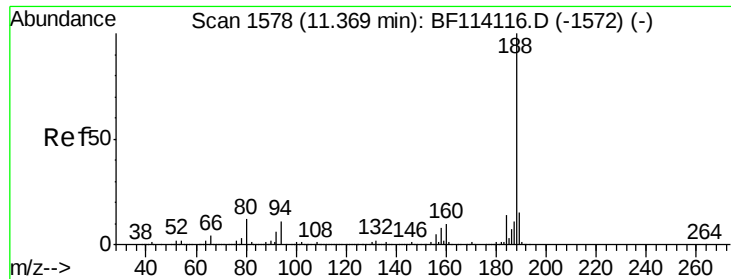
Tot Ion:163 Resp: 232832
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 10.4 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 5.745 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF114370.D
Acq: 18 May 2019 1:09

Tgt Ion:165 Resp: 48258
Ion Ratio Lower Upper
165 100
63 2.0 35.5 53.3#
89 1.4 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: BF114370.D

Acq: 18 May 2019 1:09

Instrument :

BNA_F

ClientSampleId :

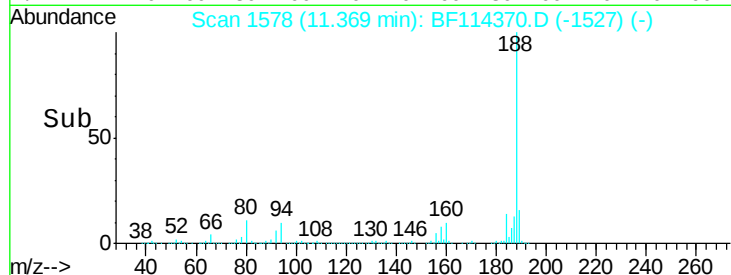
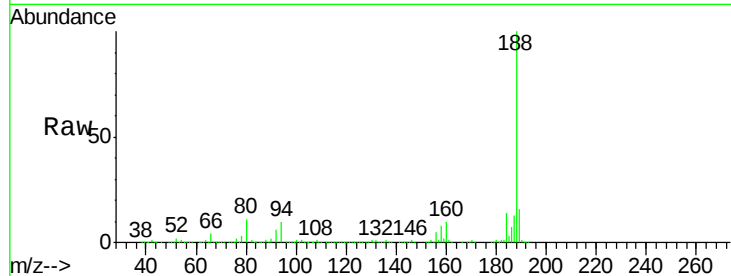
Tot Ion:188 Resp: 783792

Ion Ratio Lower Upper

188 100

94 10.1 8.4 12.6

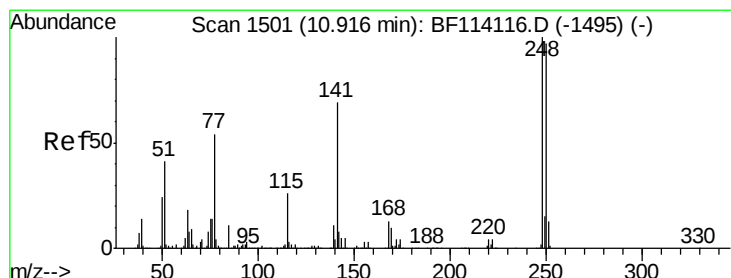
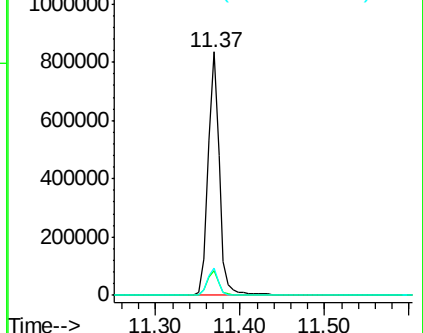
80 11.4 9.2 13.8



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



#67

4-Bromophenyl-phenylether

Concen: 2.247 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.24 min

Lab File: BF114370.D

Acq: 18 May 2019 1:09

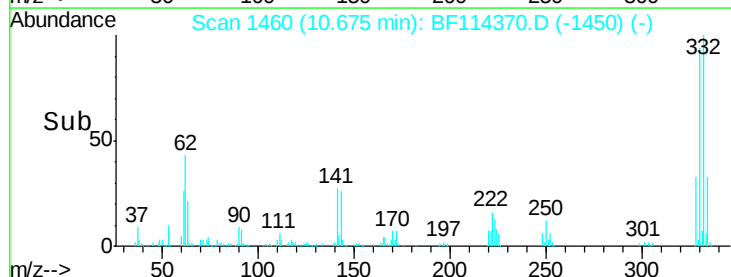
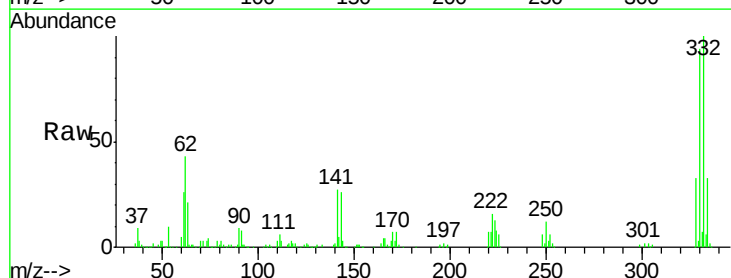
Tgt Ion:248 Resp: 19388

Ion Ratio Lower Upper

248 100

250 201.5 77.4 116.2#

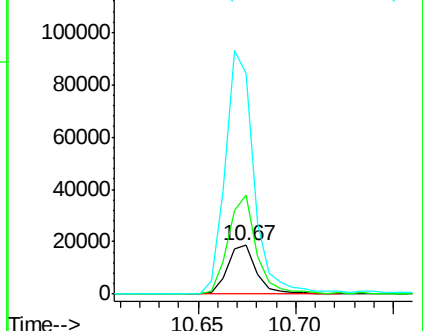
141 452.5 55.6 83.4#

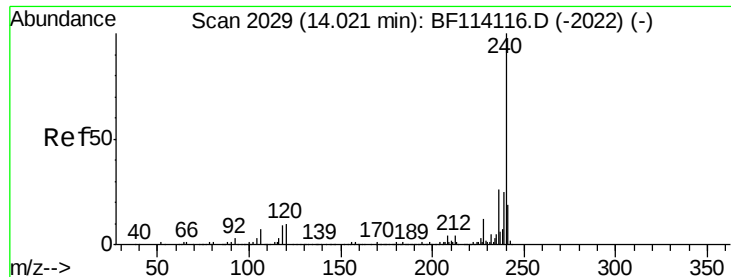


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114370.D

Acq: 18 May 2019 1:09

Instrument :

BNA_F

ClientSampleId :

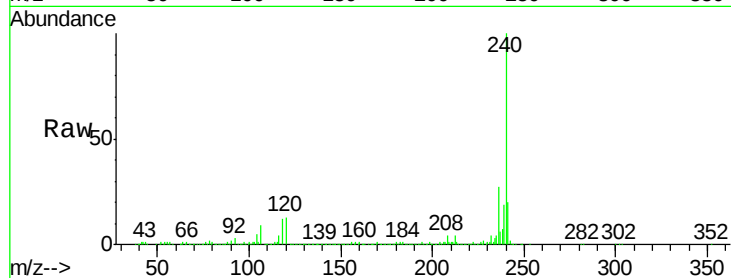
Tot Ion:240 Resp: 591098

Ion Ratio Lower Upper

240 100

120 13.2 8.3 12.5#

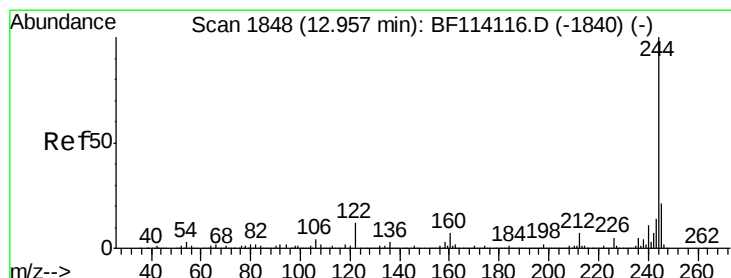
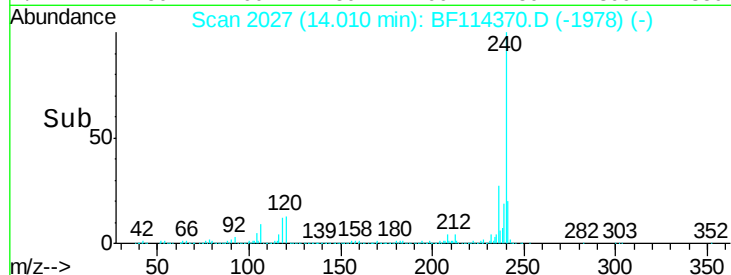
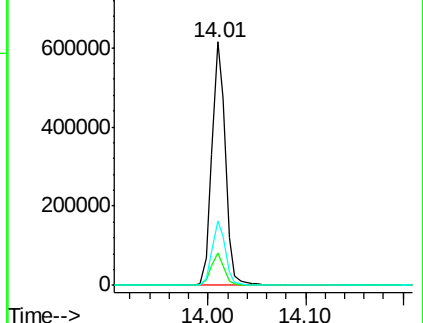
236 26.7 20.8 31.2



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: 46.264 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114370.D

Acq: 18 May 2019 1:09

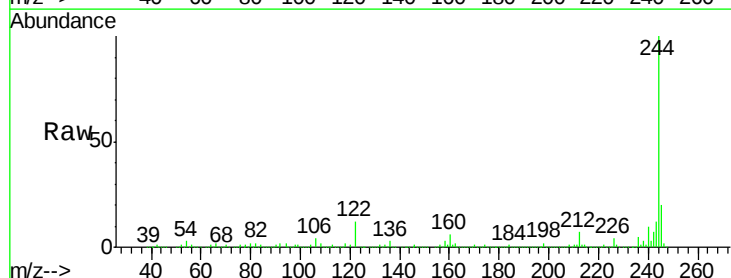
Tgt Ion:244 Resp: 1326577

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

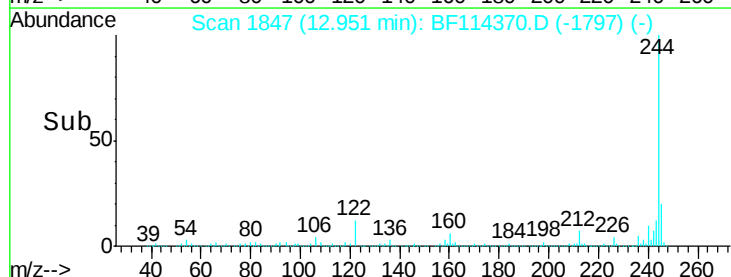
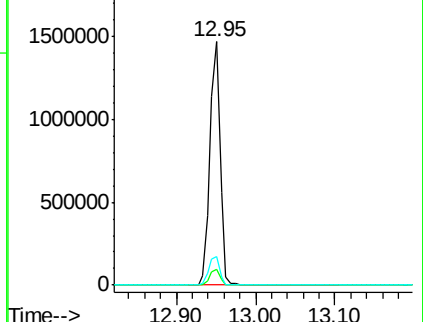
122 11.7 9.4 14.2

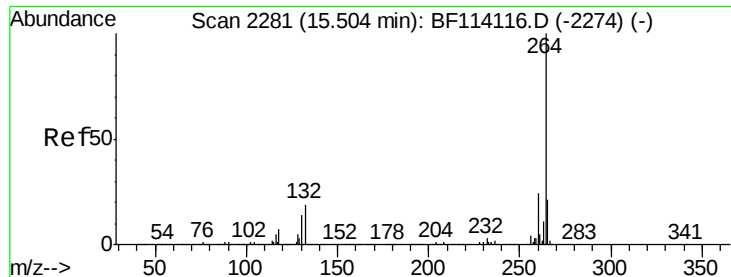


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

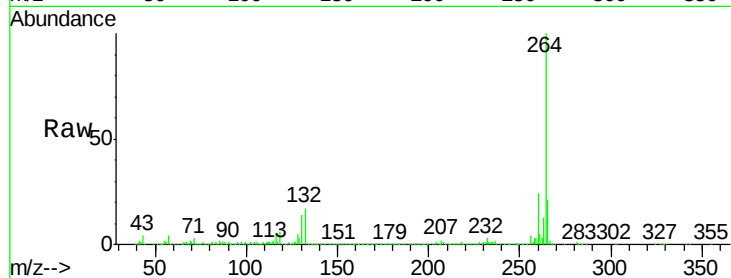




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BF114370.D
 Acq: 18 May 2019 1:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
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

