

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114577.D
 Acq On : 24 May 2019 18:45
 Operator : JU/SJ
 Sample : K3019-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-3422

Quant Time: May 24 22:36:59 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 24 07:23:33 2019
 Response via : Initial Calibration

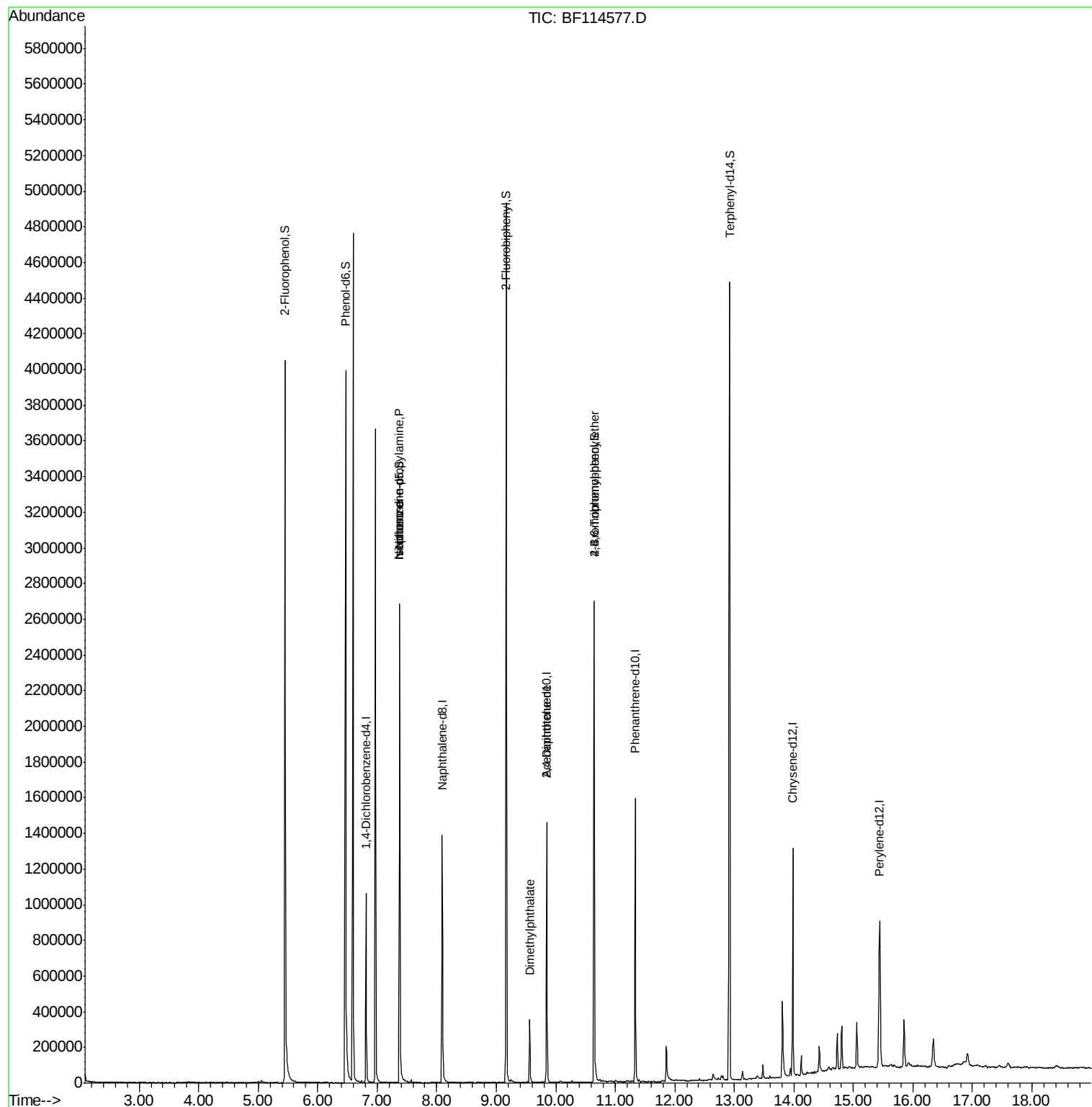
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	162522	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	619348	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	293662	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	597047	20.00	ng	0.00
76) Chrysene-d12	13.98	240	414584	20.00	ng	0.00
87) Perylene-d12	15.44	264	371642	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1172176	116.07	ng	0.00
7) Phenol-d6	6.47	99	1518054	127.09	ng	0.00
23) Nitrobenzene-d5	7.37	82	913400	82.76	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	362951	119.55	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1544288	79.55	ng	0.00
79) Terphenyl-d14	12.92	244	1666002	82.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	118934	15.709	ng	# 75
25) Isophorone	7.37	82	913396	44.626	ng	# 64
50) Dimethylphthalate	9.56	163	139438	6.468	ng	100
57) 2,4-Dinitrotoluene	9.85	165	36636	5.645	ng	# 25
67) 4-Bromophenyl-phenylether	10.64	248	23822	3.624	ng	# 1

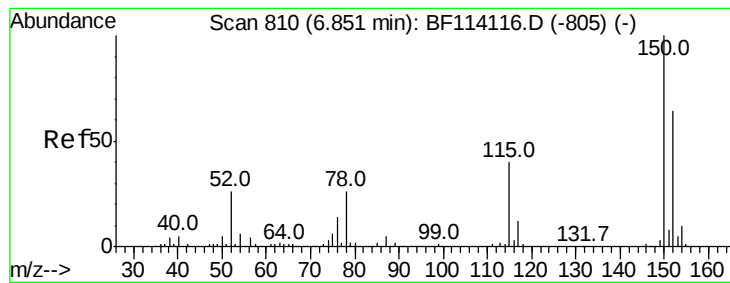
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
Response via : Initial Calibration



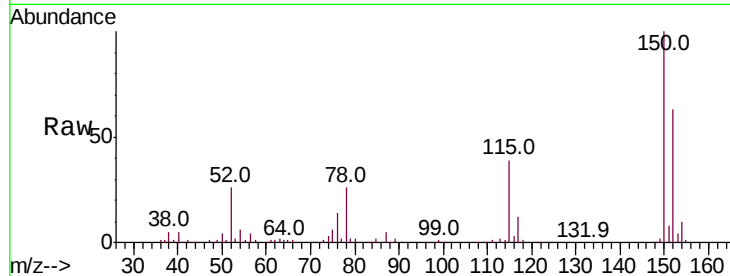


#1

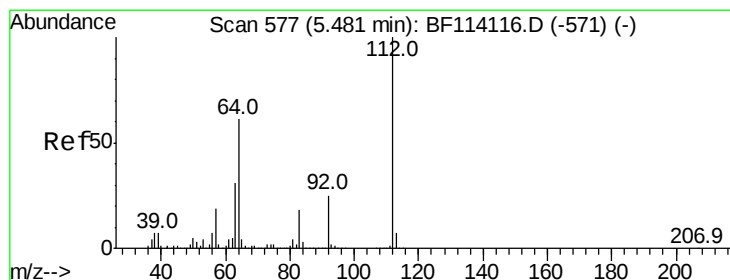
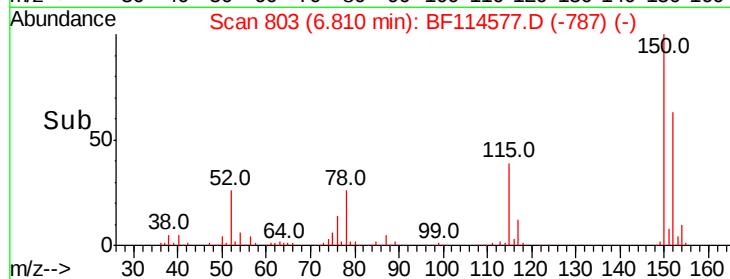
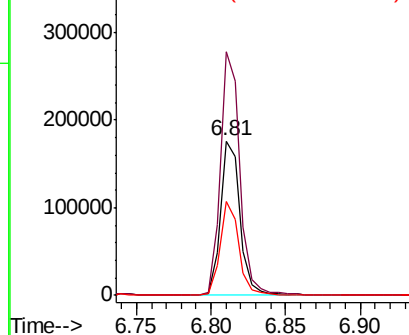
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114577.D
Acq: 24 May 2019 18:45

Instrument :
BNA_F
ClientSampleId :
RT-3422

Tot Ion:152 Resp: 162522
Ion Ratio Lower Upper
152 100
150 158.1 124.3 186.5
115 61.2 49.1 73.7



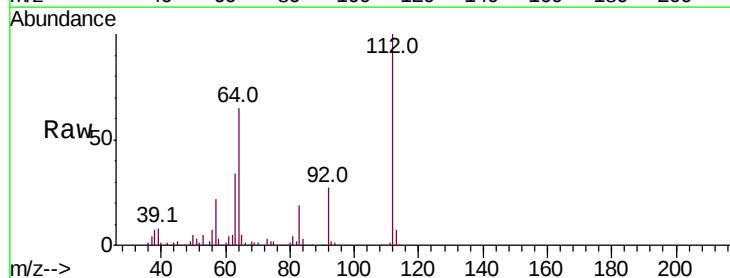
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



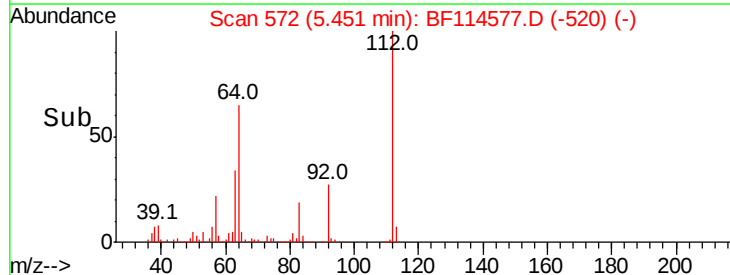
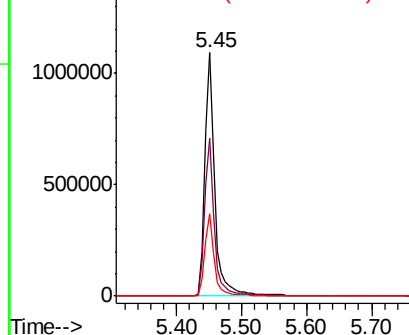
#5

2-Fluorophenol
Concen: 116.067 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF114577.D
Acq: 24 May 2019 18:45

Tgt Ion:112 Resp: 1172176
Ion Ratio Lower Upper
112 100
64 65.1 49.0 73.6
63 33.8 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: 127.091 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF114577.D

Acq: 24 May 2019 18:45

Instrument :

BNA_F

ClientSampleId :

RT-3422

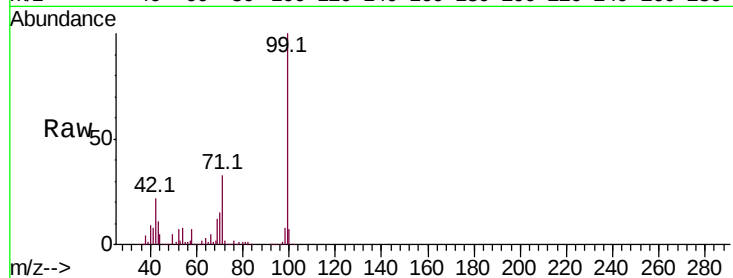
Tot Ion: 99 Resp: 1518054

Ion Ratio Lower Upper

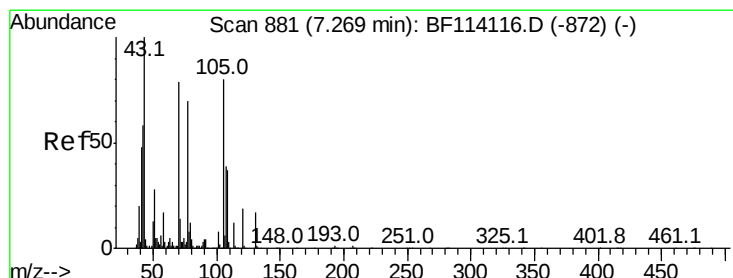
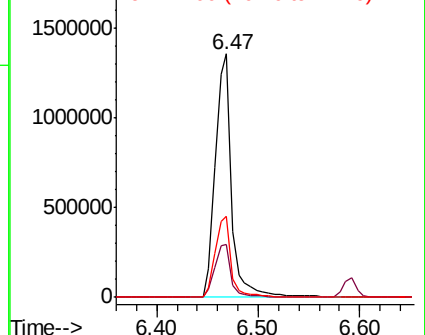
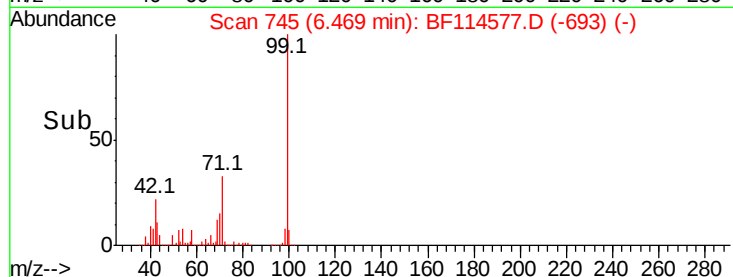
99 100

42 21.9 17.9 26.9

71 33.1 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: 15.709 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF114577.D

Acq: 24 May 2019 18:45

Tgt Ion: 70 Resp: 118934

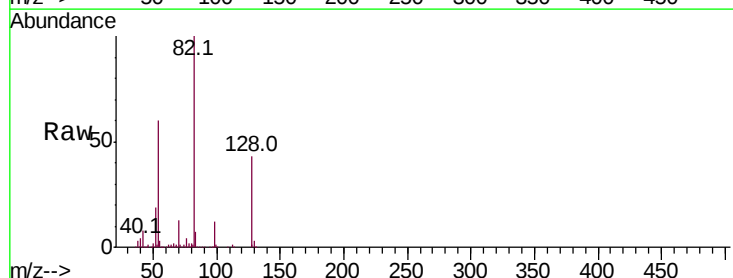
Ion Ratio Lower Upper

70 100

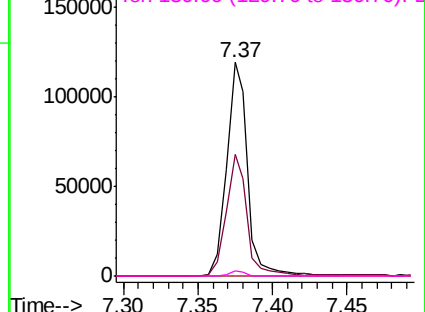
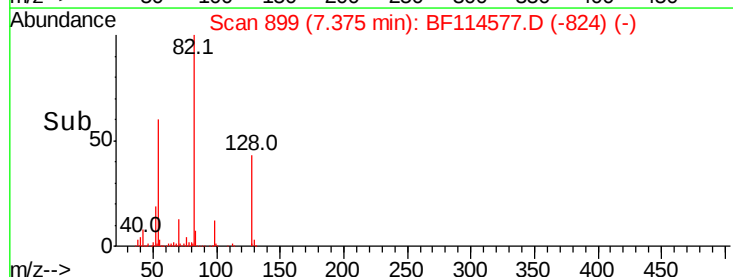
42 56.8 58.6 87.8#

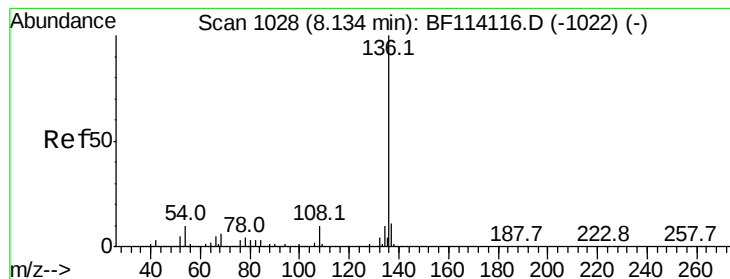
101 0.0 7.8 11.8#

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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114577.D

Acq: 24 May 2019 18:45

Instrument :

BNA_F

ClientSampleId :

RT-3422

Tot Ion:136 Resp: 619348

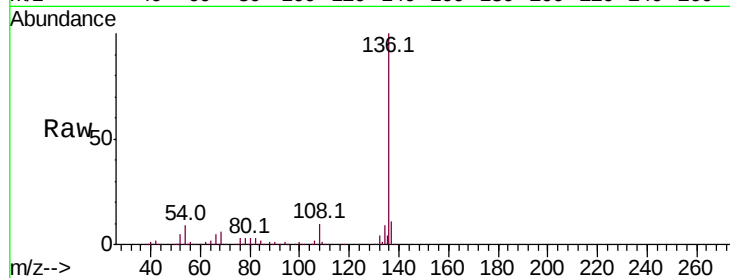
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.4 7.8 11.8

68 6.0 5.1 7.7

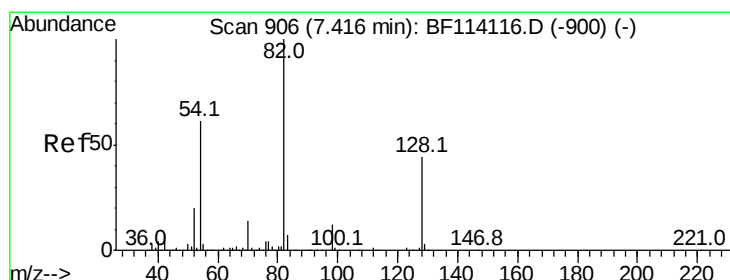
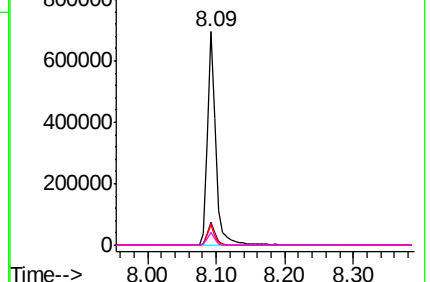
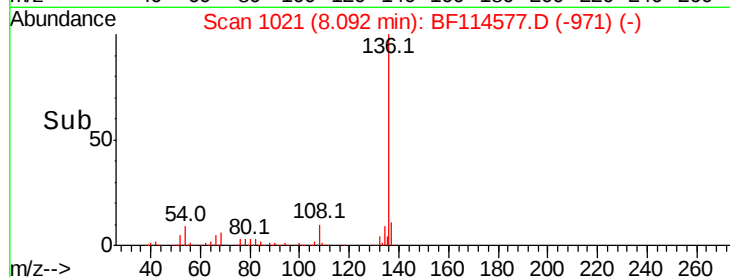


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.765 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF114577.D

Acq: 24 May 2019 18:45

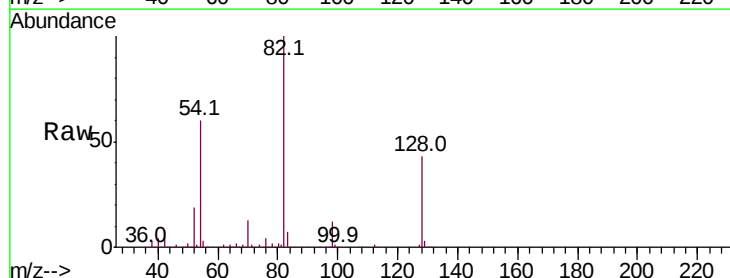
Tgt Ion: 82 Resp: 913400

Ion Ratio Lower Upper

82 100

128 43.0 35.5 53.3

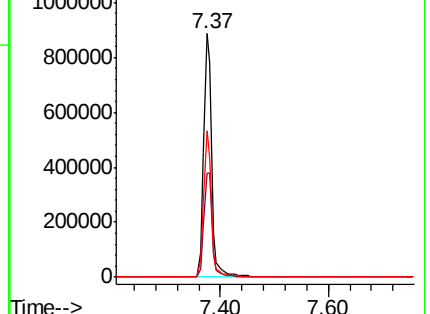
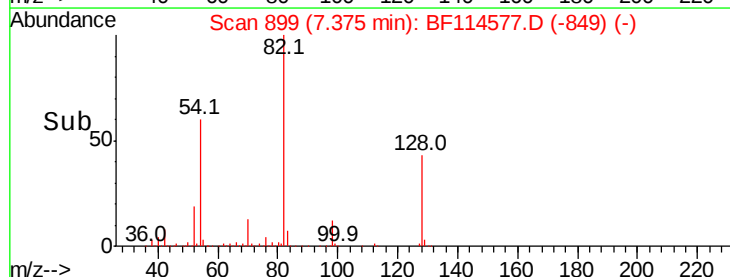
54 60.2 48.5 72.7



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: 44.626 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF114577.D

Acq: 24 May 2019 18:45

Instrument :

BNA_F

ClientSampled :

RT-3422

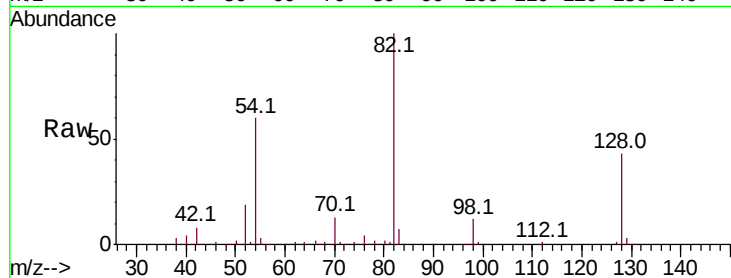
Tot Ion: 82 Resp: 913396

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

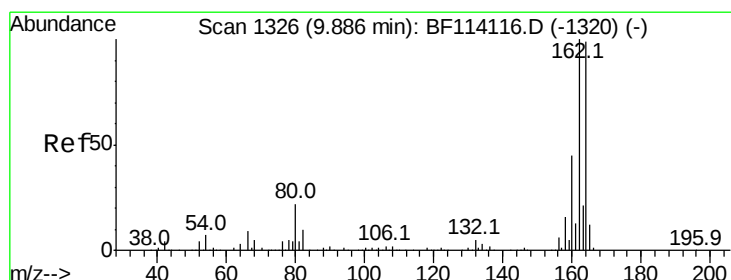
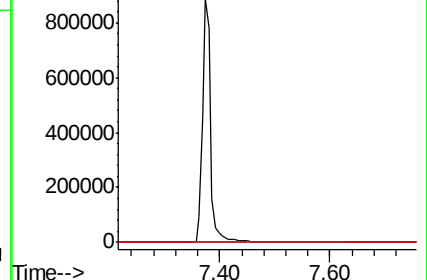
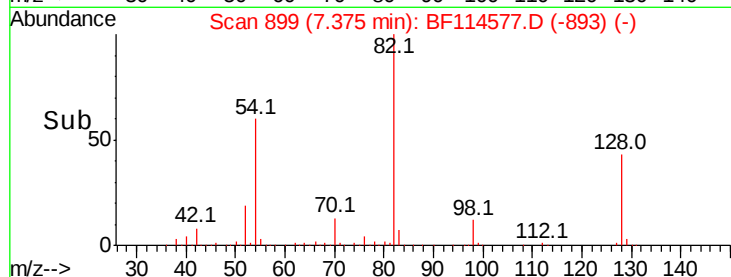
138 0.0 14.8 22.2#



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: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF114577.D

Acq: 24 May 2019 18:45

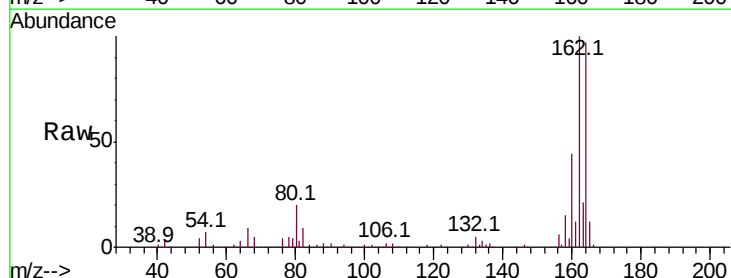
Tgt Ion:164 Resp: 293662

Ion Ratio Lower Upper

164 100

162 103.2 80.6 120.8

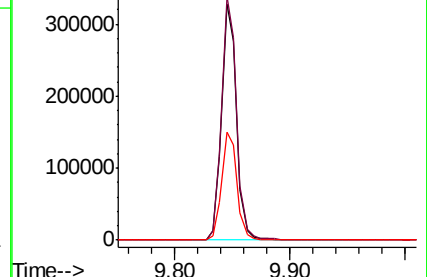
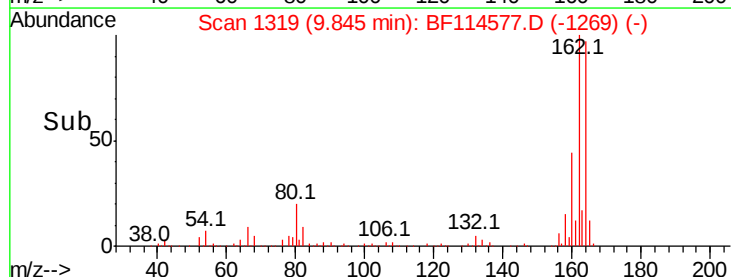
160 45.7 36.5 54.7



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

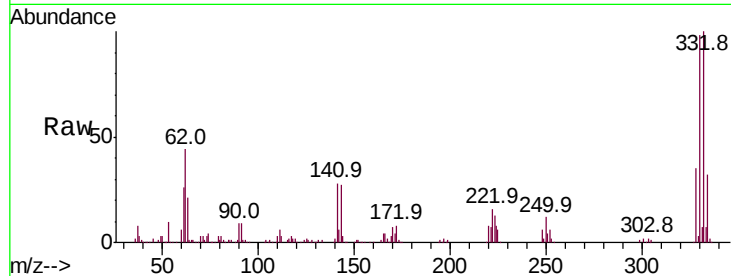




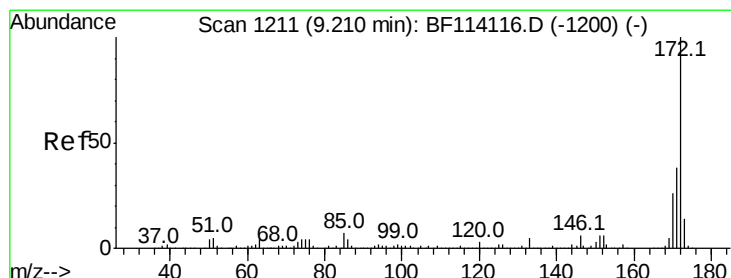
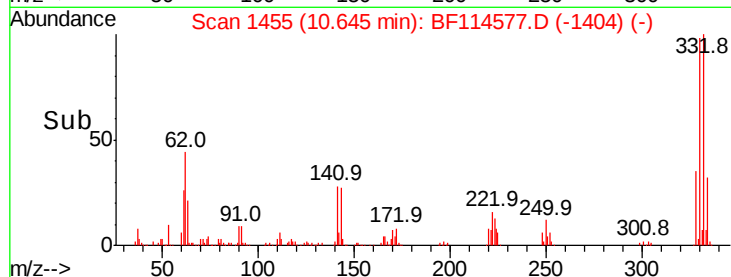
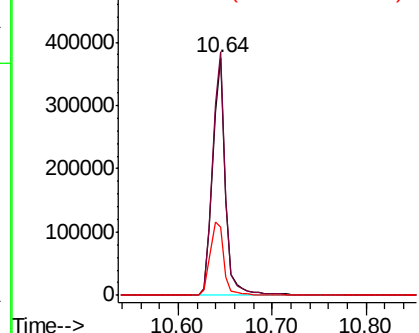
#42
 2,4,6-Tribromophenol
 Concen: 119.550 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114577.D
 Acq: 24 May 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 RT-3422

Tot Ion:330 Resp: 362951
 Ion Ratio Lower Upper
 330 100
 332 102.7 81.4 122.2
 141 33.5 26.6 40.0

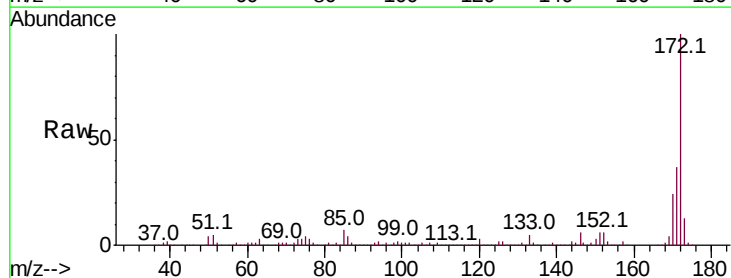


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

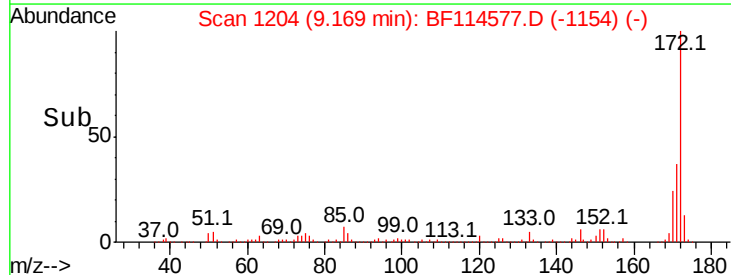
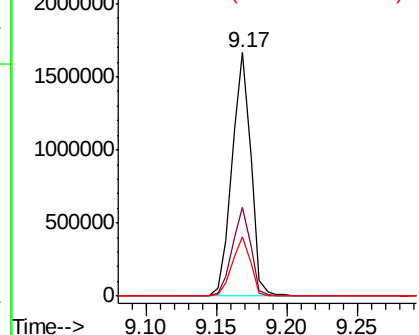


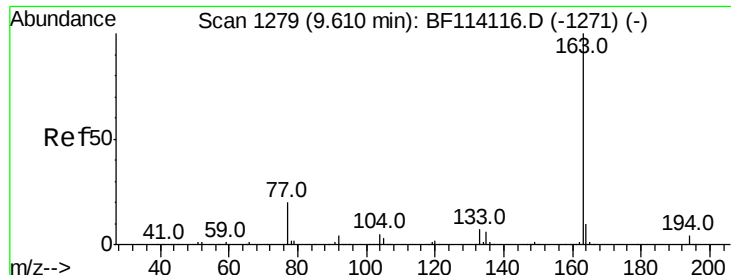
#45
 2-Fluorobiphenyl
 Concen: 79.547 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114577.D
 Acq: 24 May 2019 18:45

Tgt Ion:172 Resp: 1544288
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.7 46.1
 170 24.3 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: 6.468 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114577.D

Acq: 24 May 2019 18:45

Instrument :

BNA_F

ClientSampleId :

RT-3422

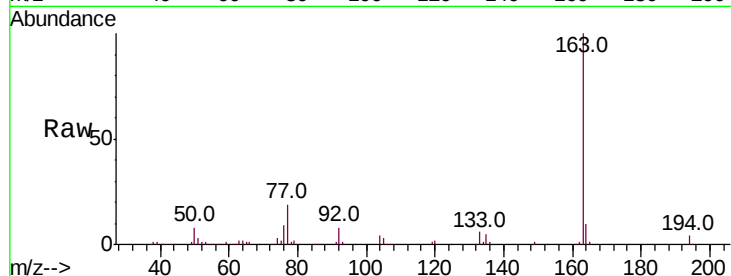
Tot Ion:163 Resp: 139438

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

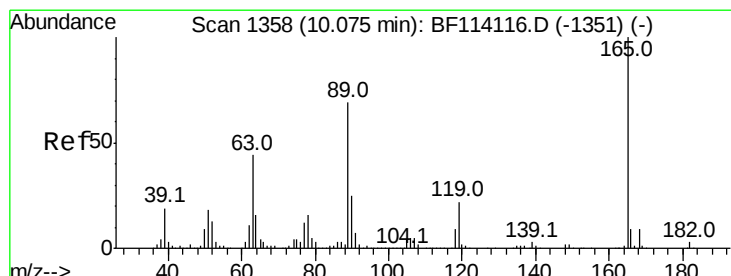
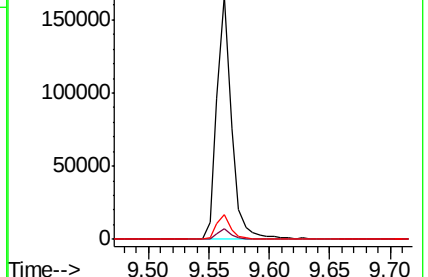
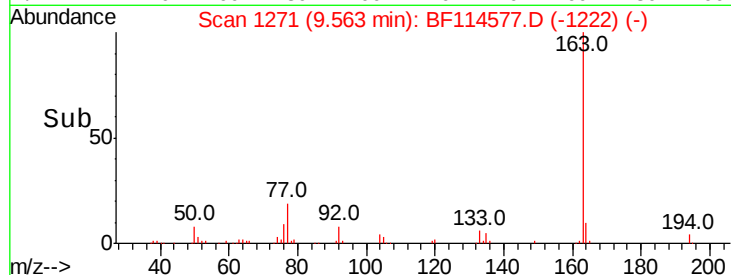
164 10.0 8.2 12.2



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: 5.645 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF114577.D

Acq: 24 May 2019 18:45

Tgt Ion:165 Resp: 36636

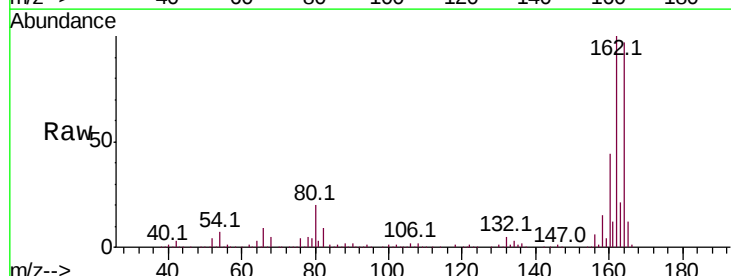
Ion Ratio Lower Upper

165 100

63 1.1 35.5 53.3#

89 1.6 55.2 82.8#

182 0.0 2.2 3.2#

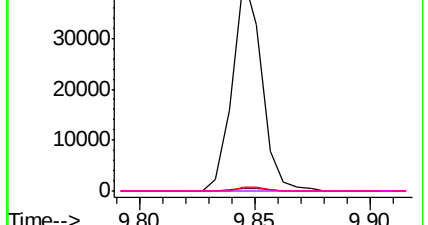
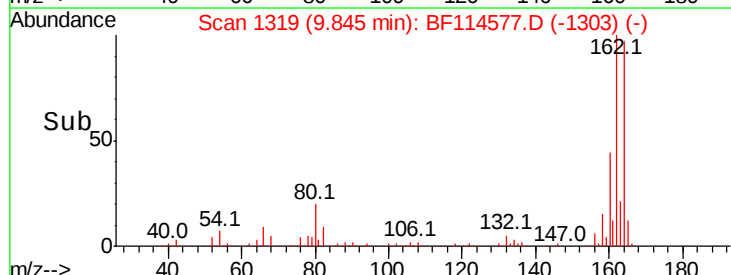


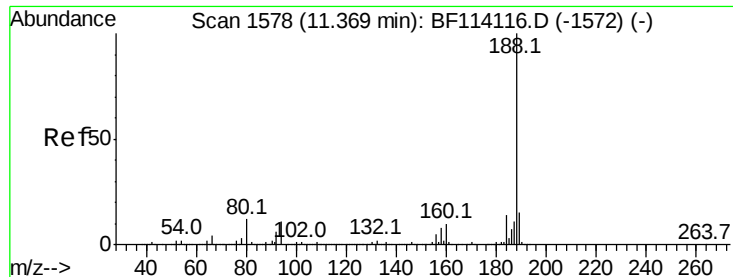
Abundance Ion 165.00 (164.70 to 165.70): E

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

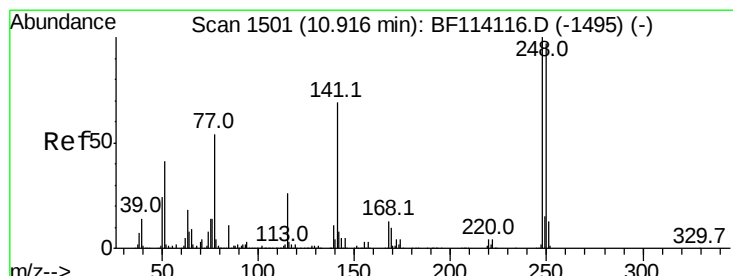
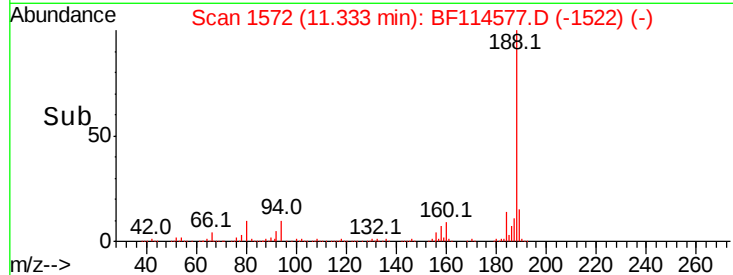
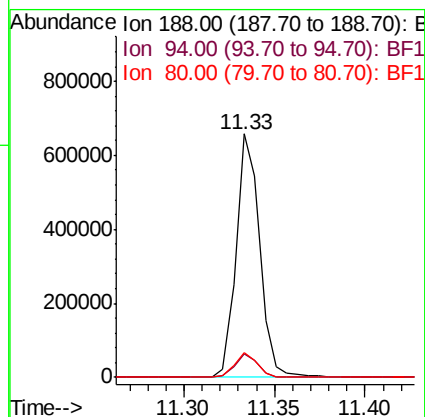
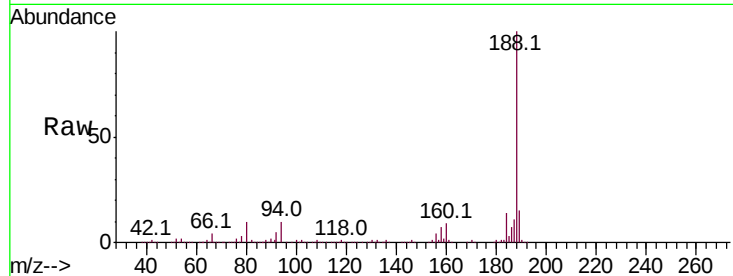




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114577.D
Acq: 24 May 2019 18:45

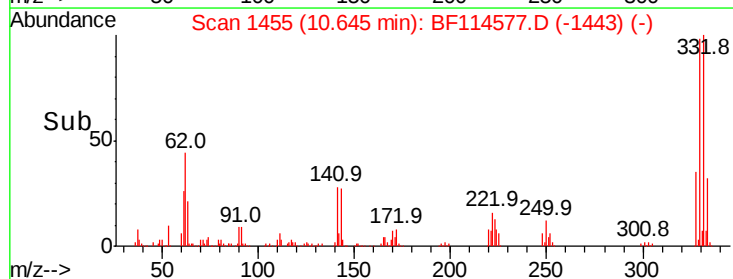
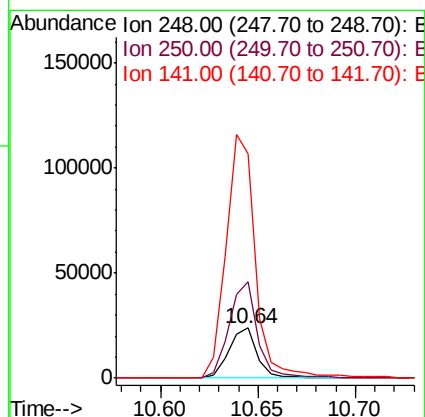
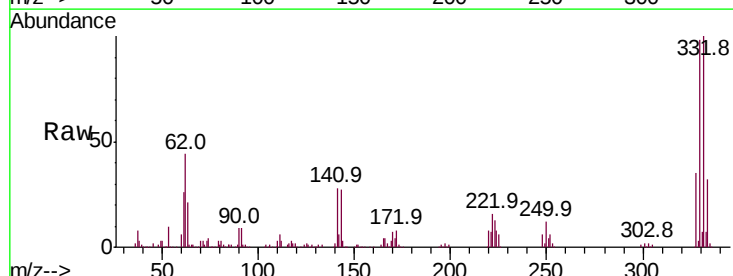
Instrument :
BNA_F
ClientSampleId :
RT-3422

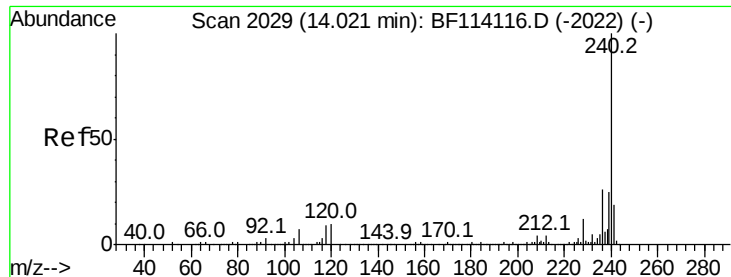
Tot Ion:188 Resp: 597047
Ion Ratio Lower Upper
188 100
94 9.6 8.4 12.6
80 10.2 9.2 13.8



#67
4-Bromophenyl-phenylether
Concen: 3.624 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF114577.D
Acq: 24 May 2019 18:45

Tgt Ion:248 Resp: 23822
Ion Ratio Lower Upper
248 100
250 192.7 77.4 116.2#
141 450.5 55.6 83.4#

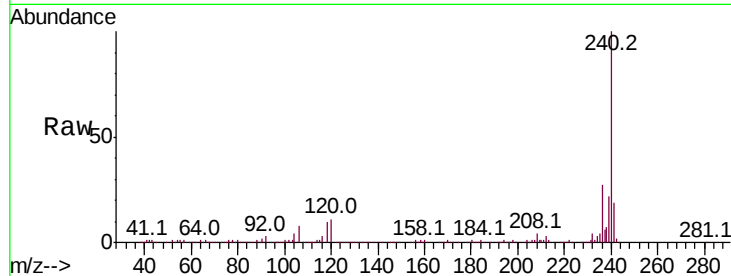




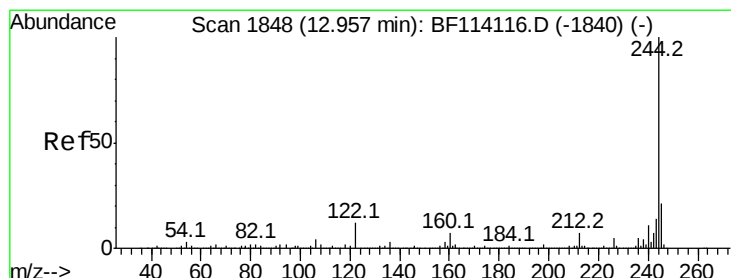
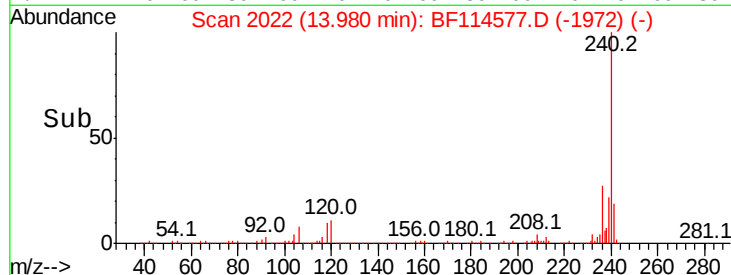
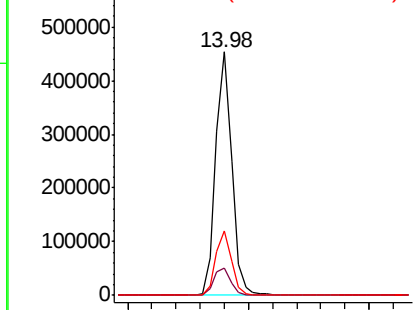
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF114577.D
 Acq: 24 May 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 RT-3422

Tot Ion:240 Resp: 414584
 Ion Ratio Lower Upper
 240 100
 120 11.4 8.3 12.5
 236 26.6 20.8 31.2

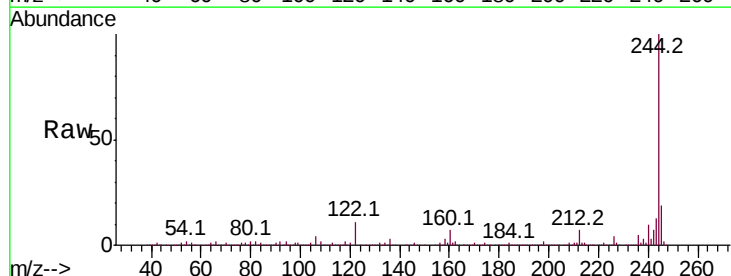


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

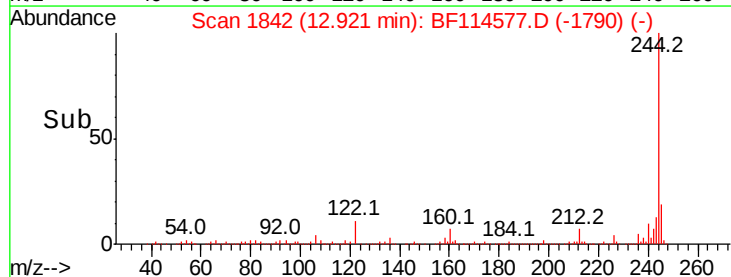
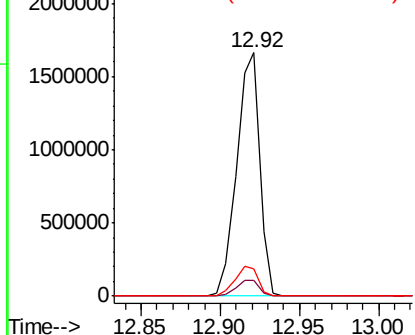


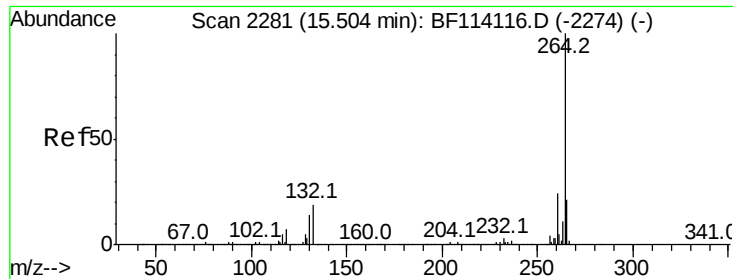
#79
 Terphenyl-d14
 Concen: 82.838 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114577.D
 Acq: 24 May 2019 18:45

Tgt Ion:244 Resp: 1666002
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 11.0 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: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF114577.D
 Acq: 24 May 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 RT-3422

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	22.2	16.9	25.3

