

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114629.D
 Acq On : 26 May 2019 4:06
 Operator : JU/SJ
 Sample : PB120077BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120077BL

Quant Time: May 27 01:26:01 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

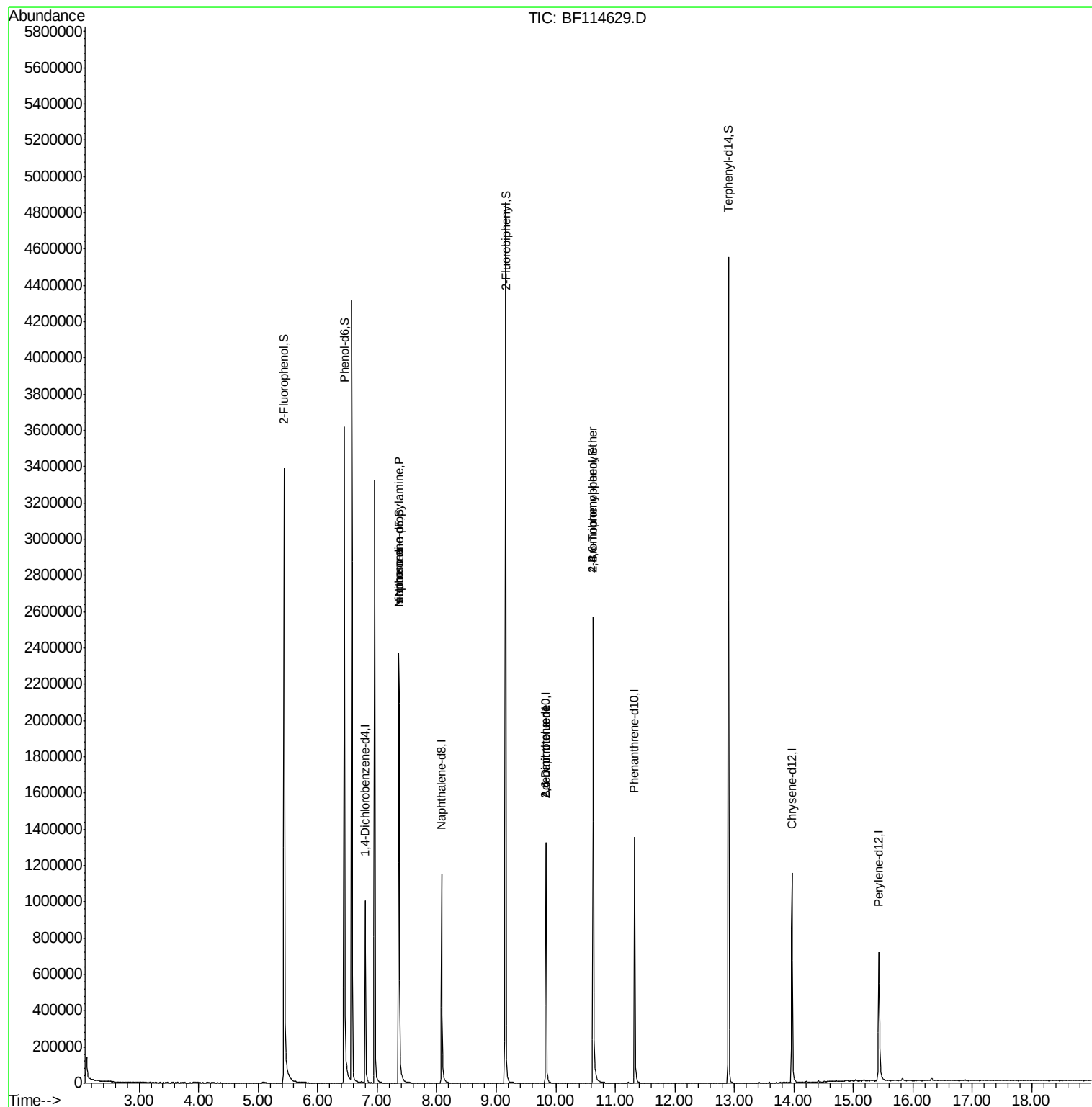
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	160886	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	609435	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	289615	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	586237	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	432635	20.00	ng	-0.02
87) Perylene-d12	15.43	264	413115	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1088408	108.87	ng	-0.01
7) Phenol-d6	6.45	99	1420037	120.09	ng	-0.02
23) Nitrobenzene-d5	7.36	82	866285	79.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	326760	109.13	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1570659	82.04	ng	-0.02
79) Terphenyl-d14	12.90	244	1547031	73.71	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	112070	14.953	ng	# 76
25) Isophorone	7.36	82	866285	43.013	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	36615	7.765	ng	# 22
57) 2,4-Dinitrotoluene	9.83	165	36615	5.721	ng	# 25
67) 4-Bromophenyl-phenylether	10.63	248	21317	3.303	ng	# 1

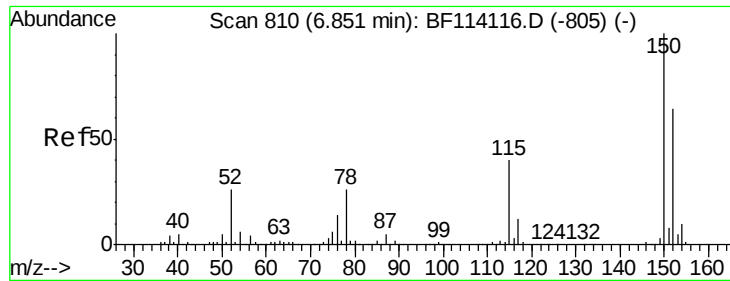
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 27 01:26:01 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 24 07:23:33 2019
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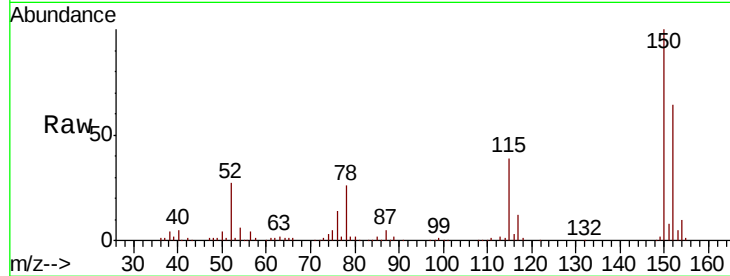


#1

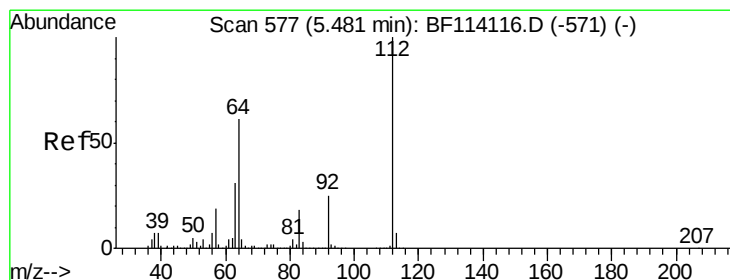
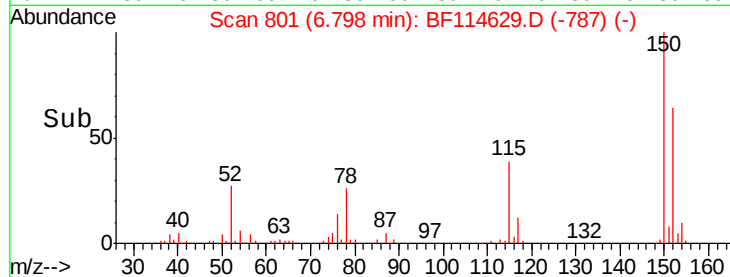
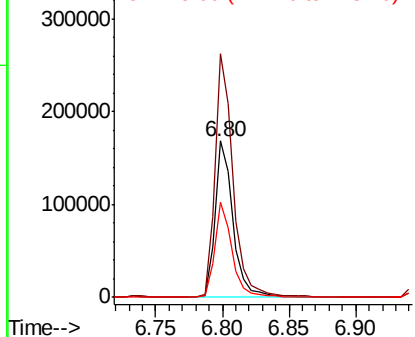
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114629.D
Acq: 26 May 2019 4:06

Instrument :
BNA_F
ClientSampleId :
PB120077BL

Tot Ion:152 Resp: 160886
Ion Ratio Lower Upper
152 100
150 155.6 124.3 186.5
115 61.1 49.1 73.7



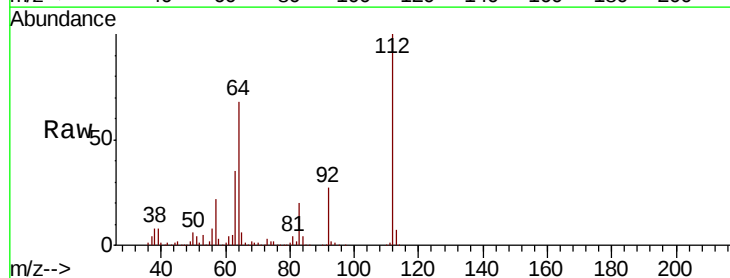
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



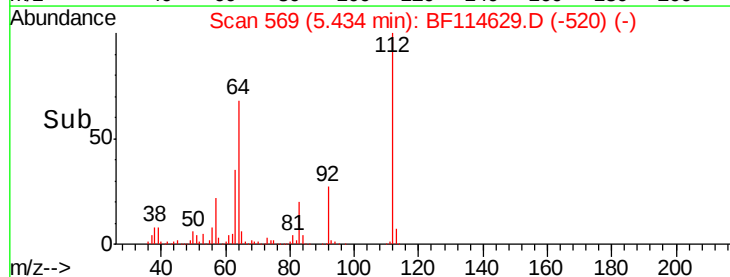
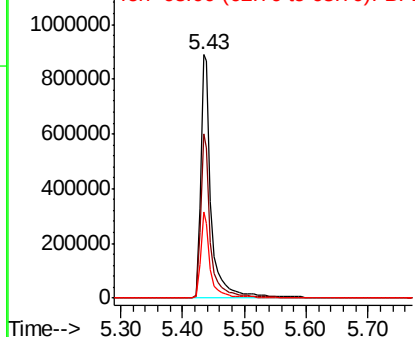
#5

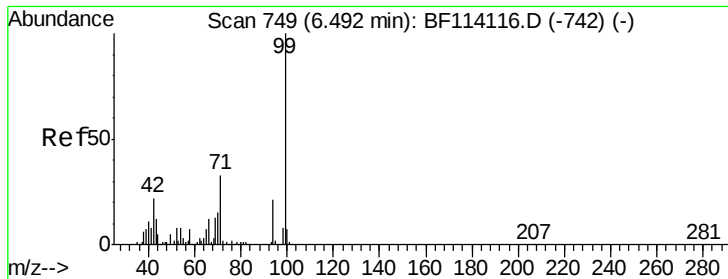
2-Fluorophenol
Concen: 108.868 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF114629.D
Acq: 26 May 2019 4:06

Tgt Ion:112 Resp: 1088408
Ion Ratio Lower Upper
112 100
64 67.7 49.0 73.6
63 35.3 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: 120.094 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

Instrument :

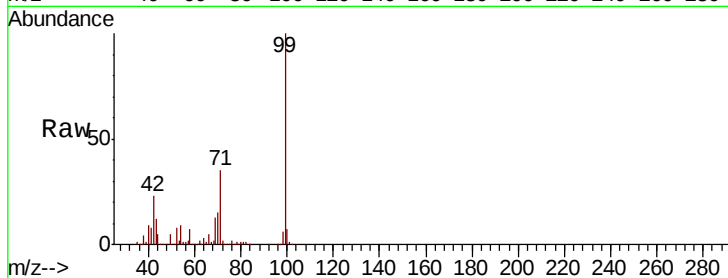
BNA_F

ClientSampleId :

PB120077BL

Tot Ion: 99 Resp: 1420037

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.9	26.9
71	34.5	26.2	39.2

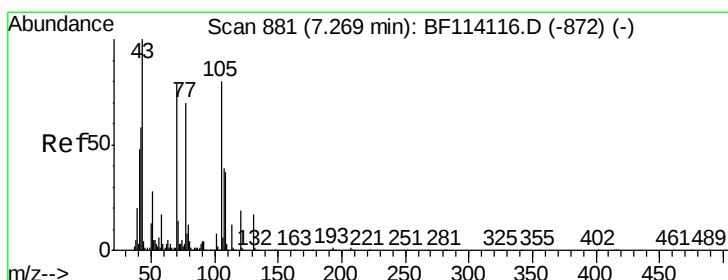
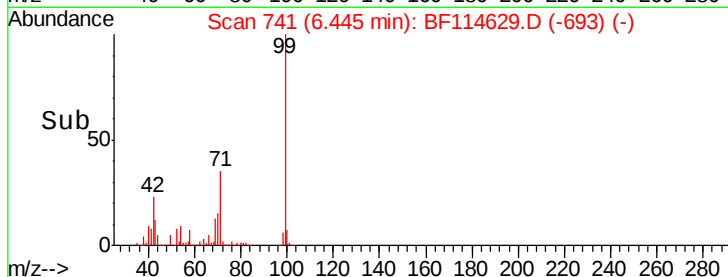


Abundance

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: 14.953 ng

RT: 7.36 min Scan# 897

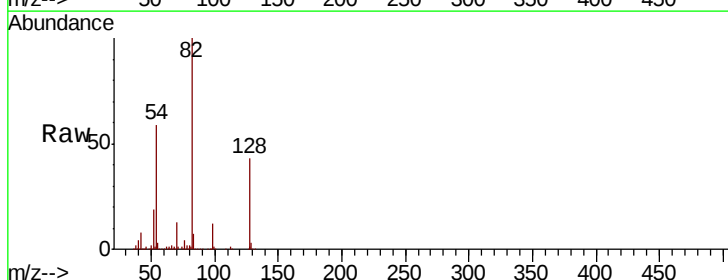
Delta R.T. 0.13 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

Tgt Ion: 70 Resp: 112070

Ion	Ratio	Lower	Upper
70	100		
42	57.6	58.6	87.8#
101	0.0	7.8	11.8#
130	2.0	17.1	25.7#



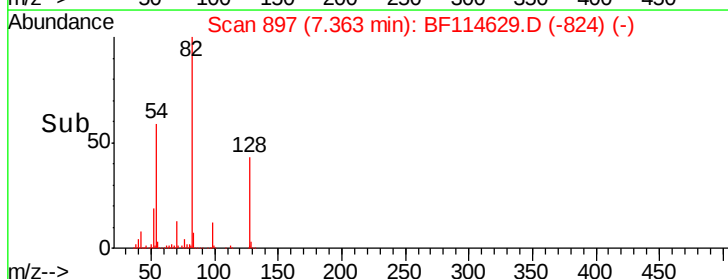
Abundance

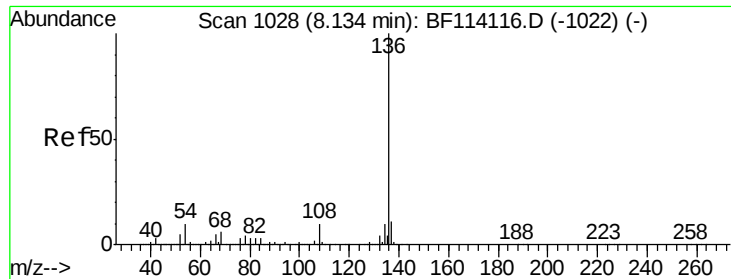
Ion 70.00 (69.70 to 70.70): BF1

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: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

Instrument :

BNA_F

ClientSampleId :

PB120077BL

Tot Ion:136 Resp: 609435

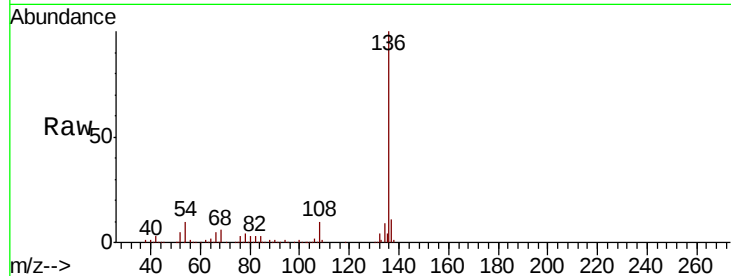
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.7 7.8 11.8

68 5.9 5.1 7.7

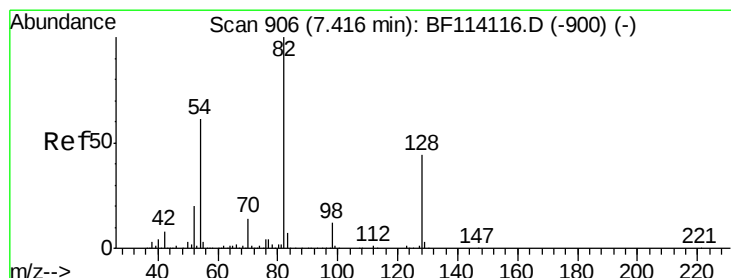
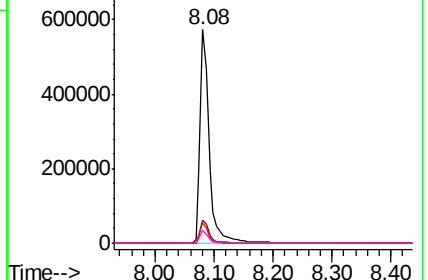
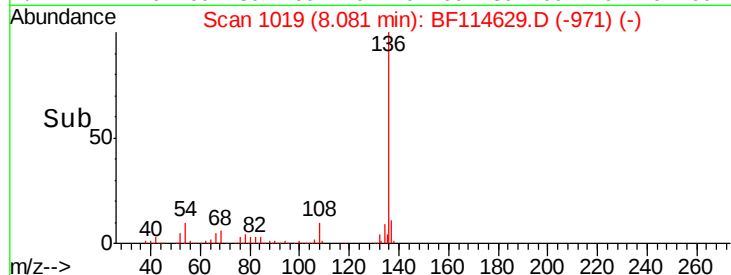


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 79.772 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

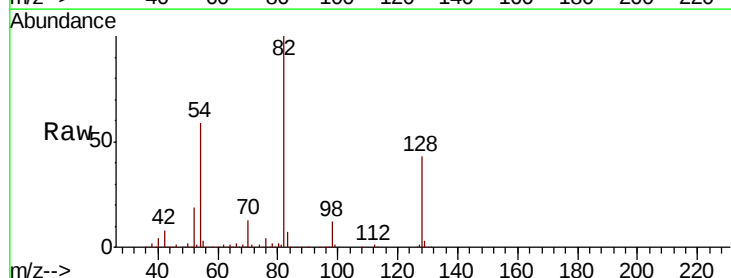
Tgt Ion: 82 Resp: 866285

Ion Ratio Lower Upper

82 100

128 42.8 35.5 53.3

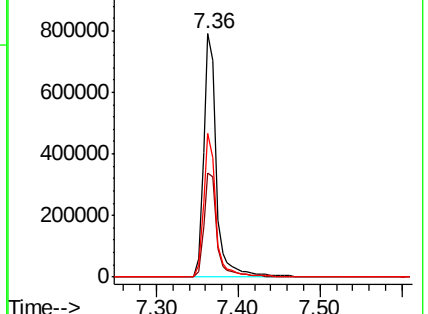
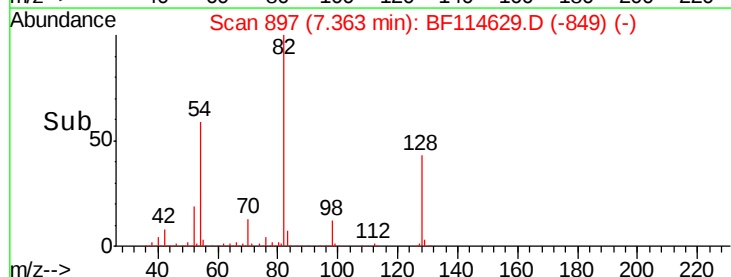
54 59.3 48.5 72.7

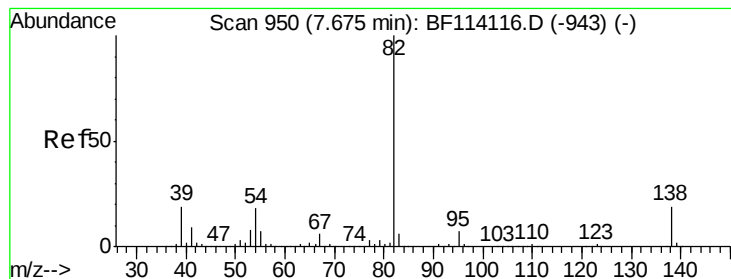


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.013 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.28 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

Instrument :

BNA_F

ClientSampleId :

PB120077BL

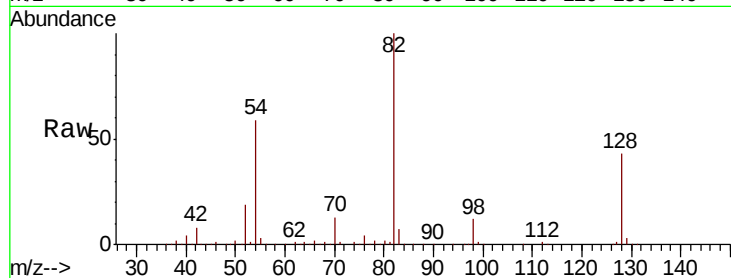
Tot Ion: 82 Resp: 866285

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

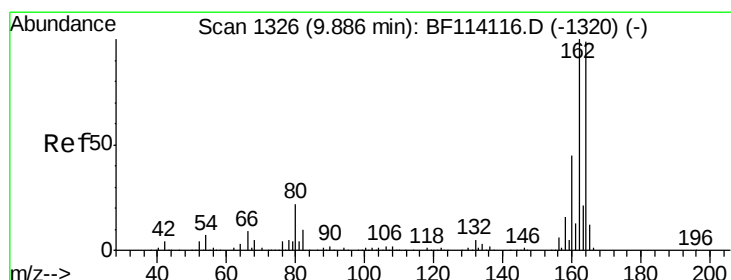
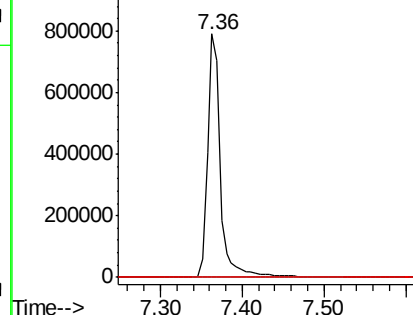
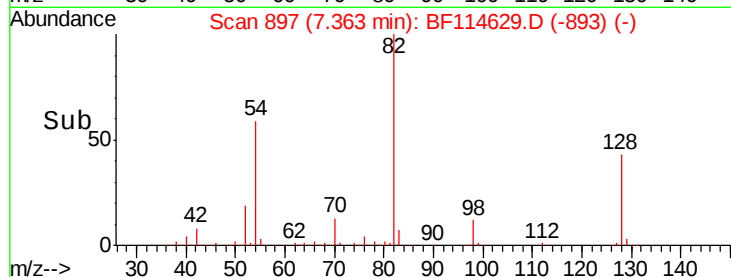
138 0.0 14.8 22.2#



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: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

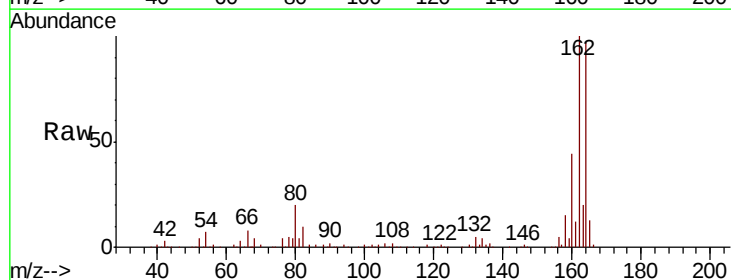
Tgt Ion: 164 Resp: 289615

Ion Ratio Lower Upper

164 100

162 103.0 80.6 120.8

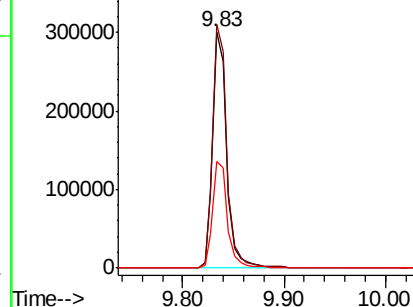
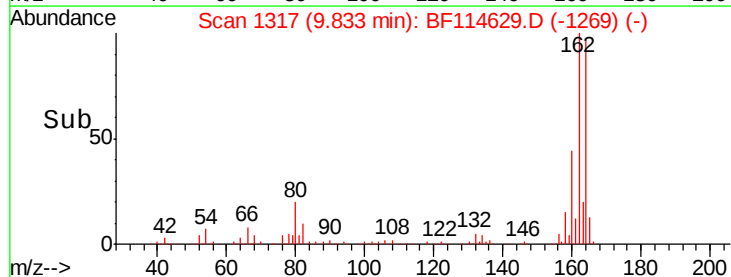
160 44.9 36.5 54.7

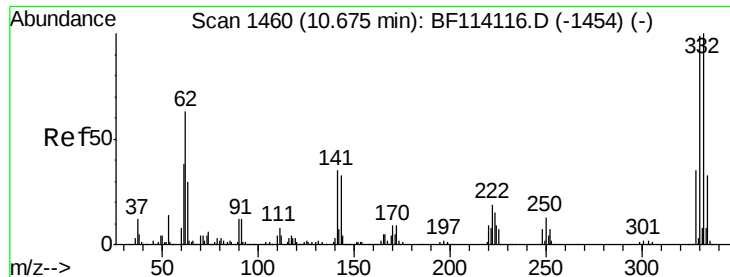


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 109.133 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

Instrument :

BNA_F

ClientSampleId :

PB120077BL

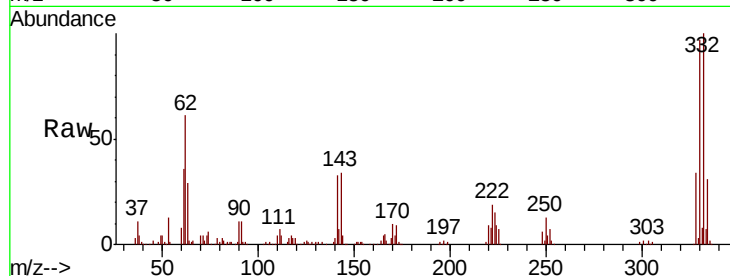
Tot Ion:330 Resp: 326760

Ion Ratio Lower Upper

330 100

332 102.6 81.4 122.2

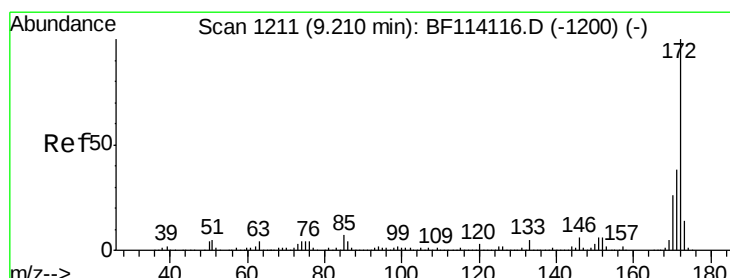
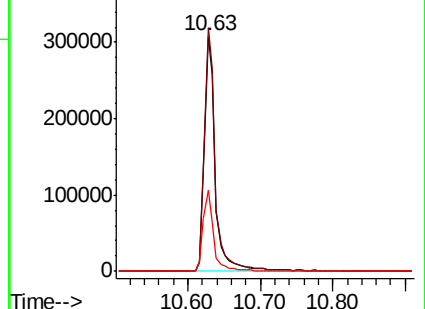
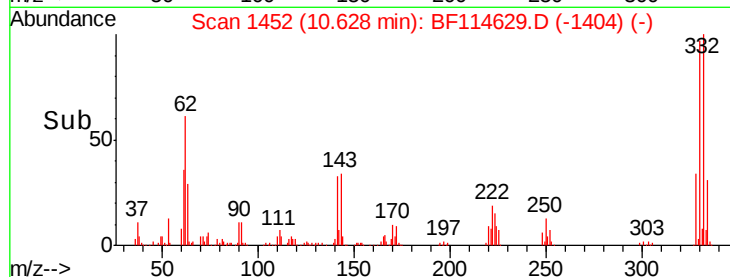
141 33.1 26.6 40.0



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: 82.036 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

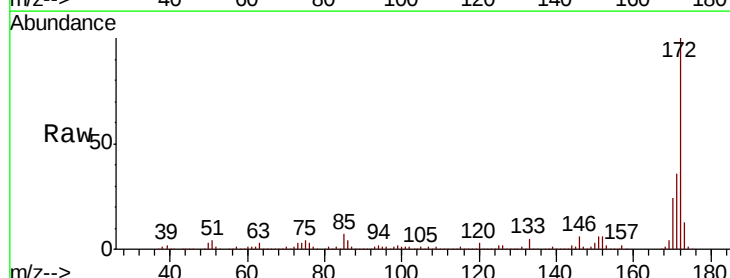
Tgt Ion:172 Resp: 1570659

Ion Ratio Lower Upper

172 100

171 36.2 30.7 46.1

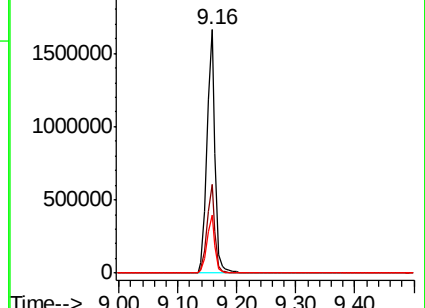
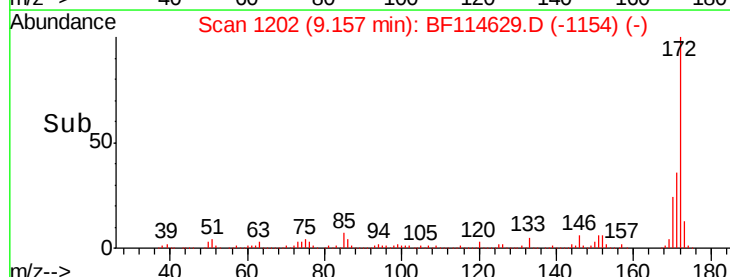
170 23.8 20.5 30.7

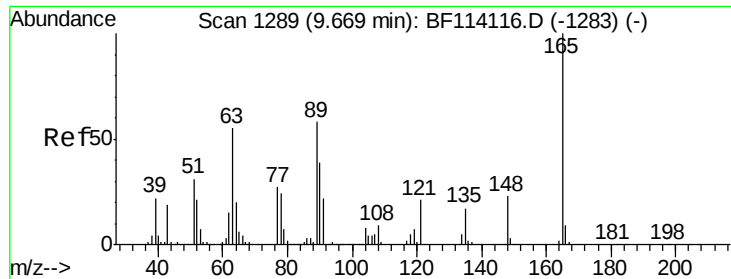


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

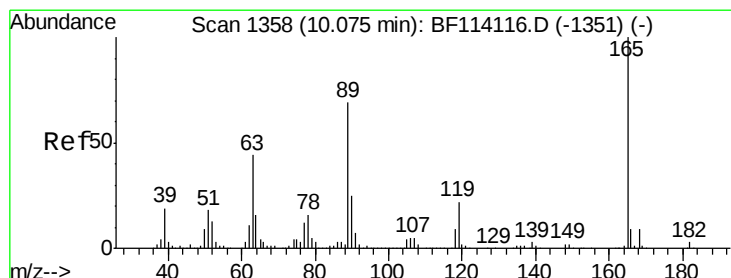
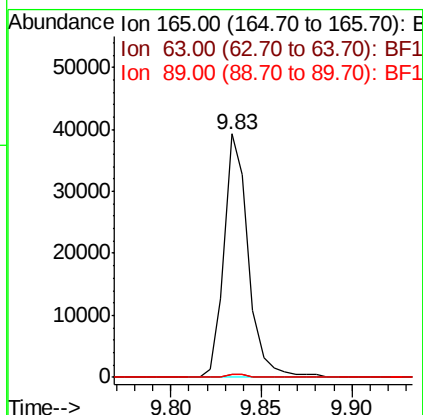
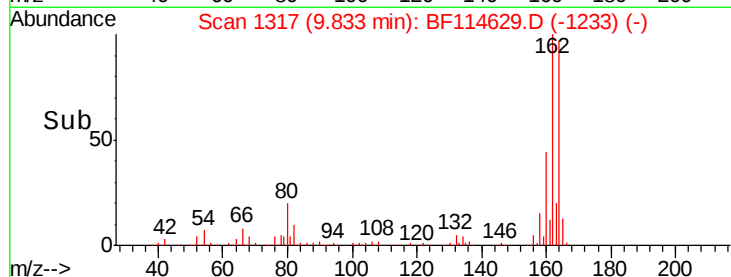
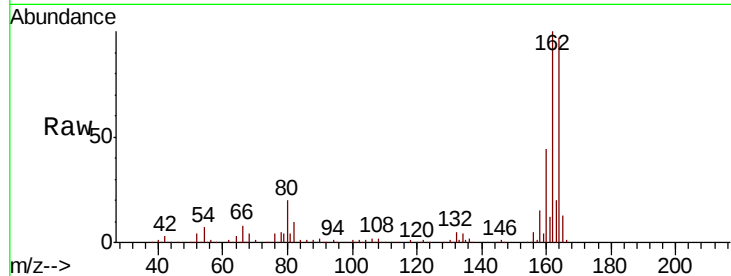




#51
 2,6-Dinitrotoluene
 Concen: 7.765 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF114629.D
 Acq: 26 May 2019 4:06

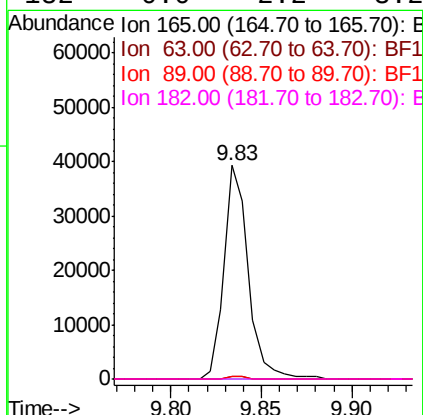
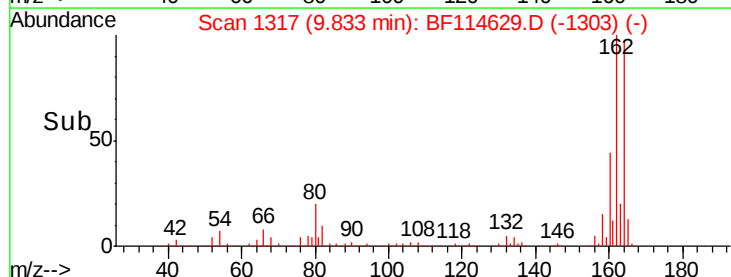
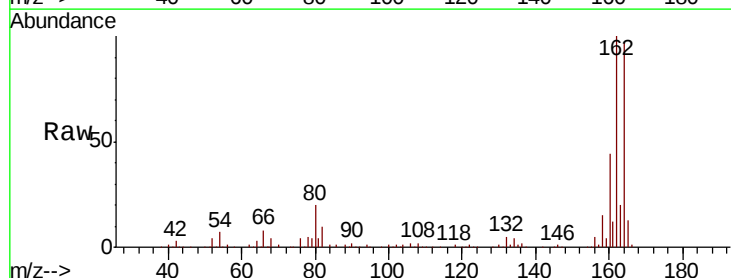
Instrument :
 BNA_F
 ClientSampleId :
 PB120077BL

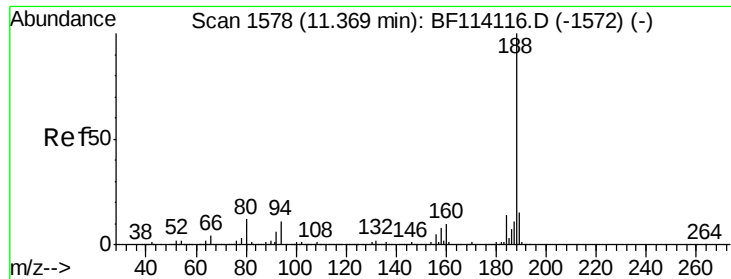
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	50.2	75.4#
89	1.1	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.721 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF114629.D
 Acq: 26 May 2019 4:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.5	53.3#
89	1.1	55.2	82.8#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

Instrument :

BNA_F

ClientSampleId :

PB120077BL

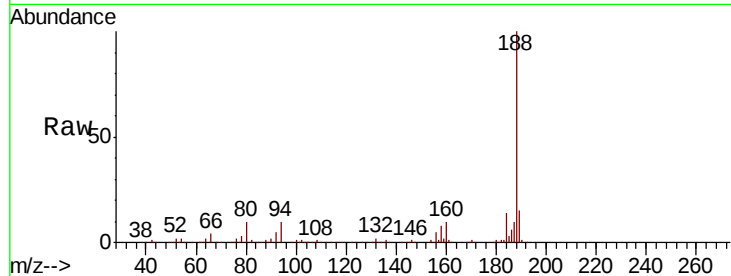
Tot Ion:188 Resp: 586237

Ion Ratio Lower Upper

188 100

94 9.9 8.4 12.6

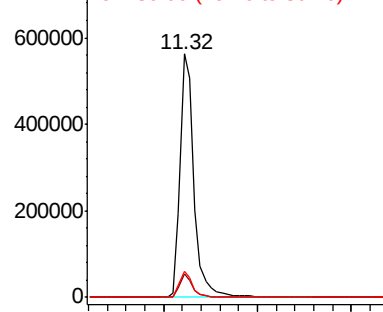
80 10.5 9.2 13.8



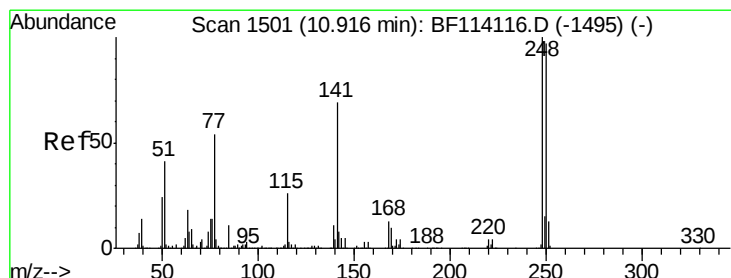
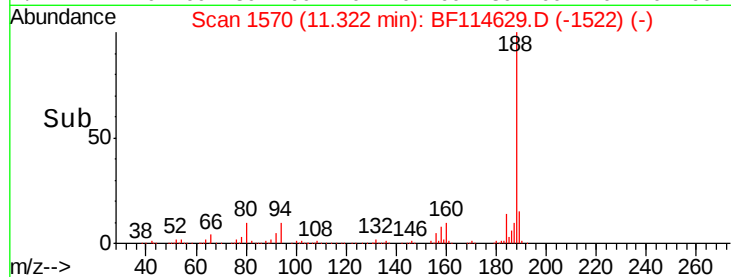
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.303 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.25 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

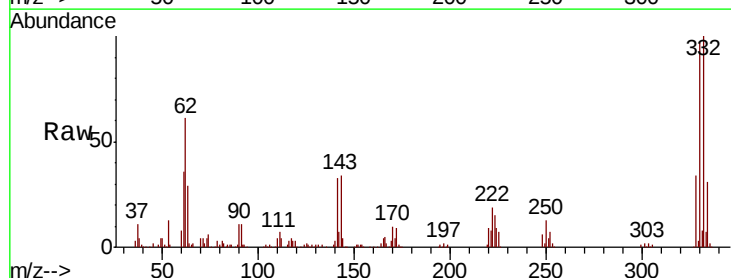
Tgt Ion:248 Resp: 21317

Ion Ratio Lower Upper

248 100

250 201.7 77.4 116.2#

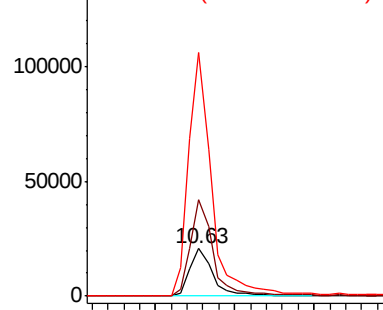
141 512.3 55.6 83.4#



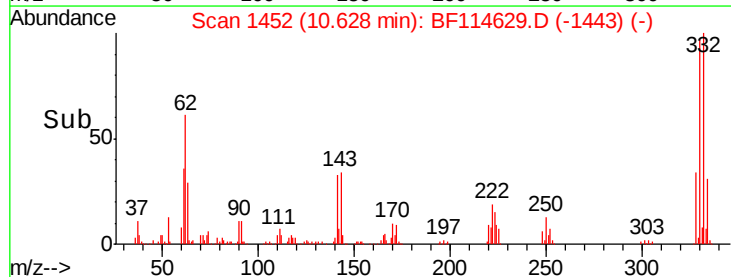
Abundance Ion 248.00 (247.70 to 248.70): E

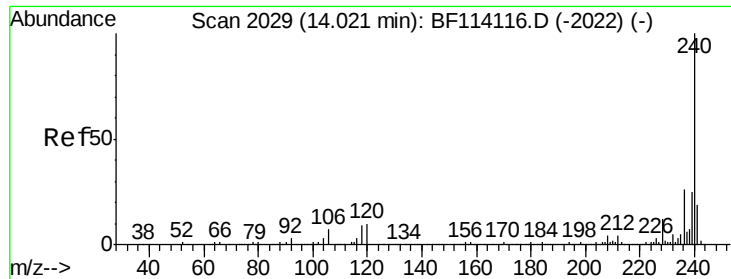
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->

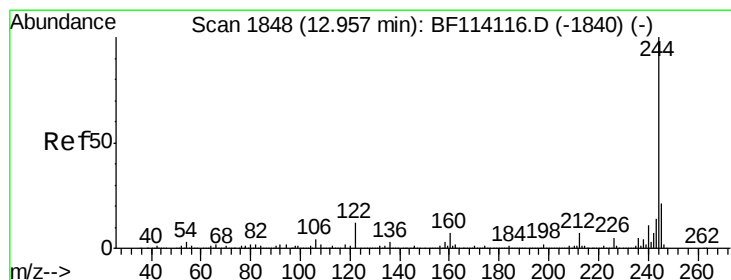
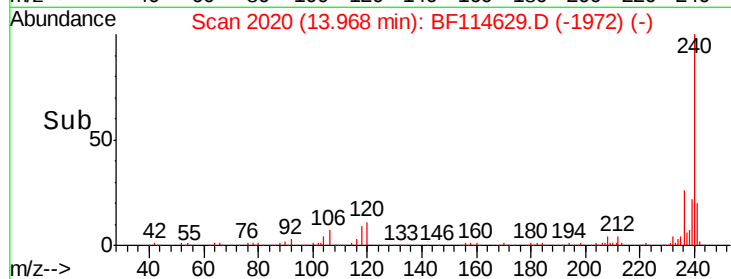
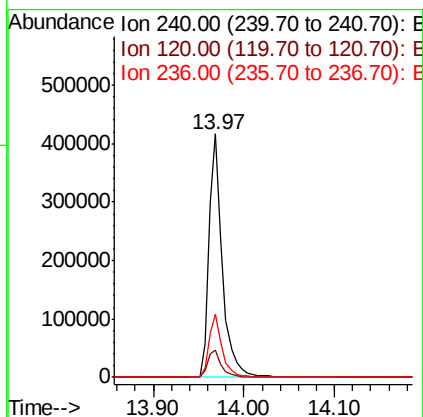
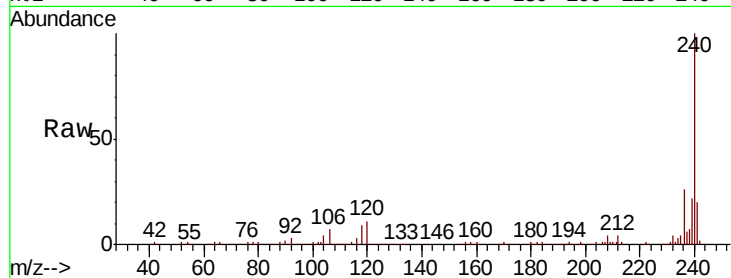




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF114629.D
Acq: 26 May 2019 4:06

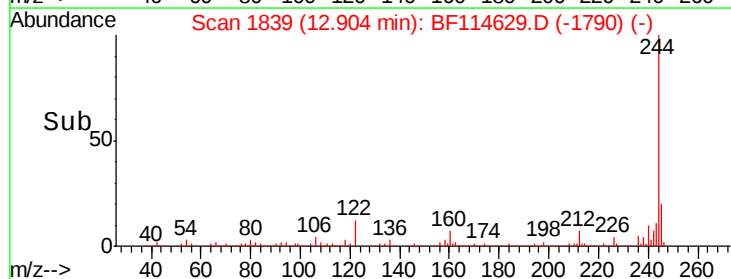
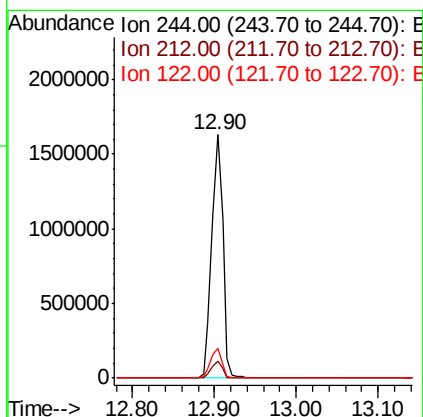
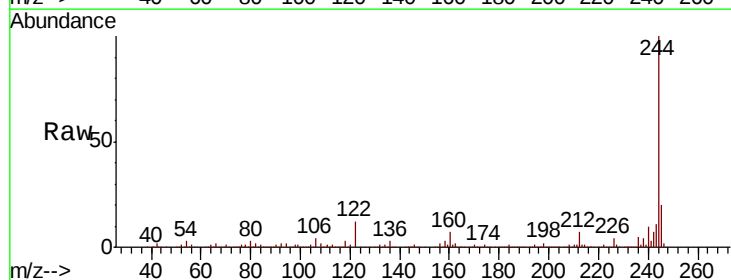
Instrument :
BNA_F
ClientSampleId :
PB120077BL

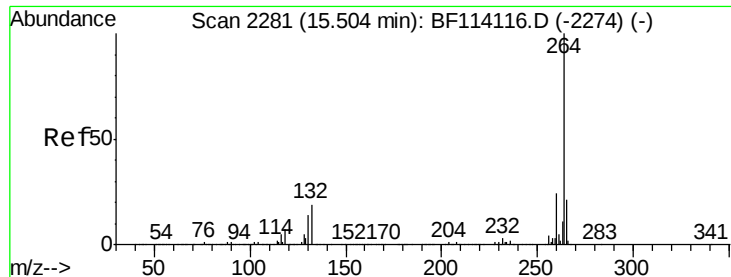
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	26.1	20.8	31.2



#79
Terphenyl-d14
Concen: 73.713 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF114629.D
Acq: 26 May 2019 4:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	12.3	9.4	14.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF114629.D
 Acq: 26 May 2019 4:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120077BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	22.4	16.9	25.3

