

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 :

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

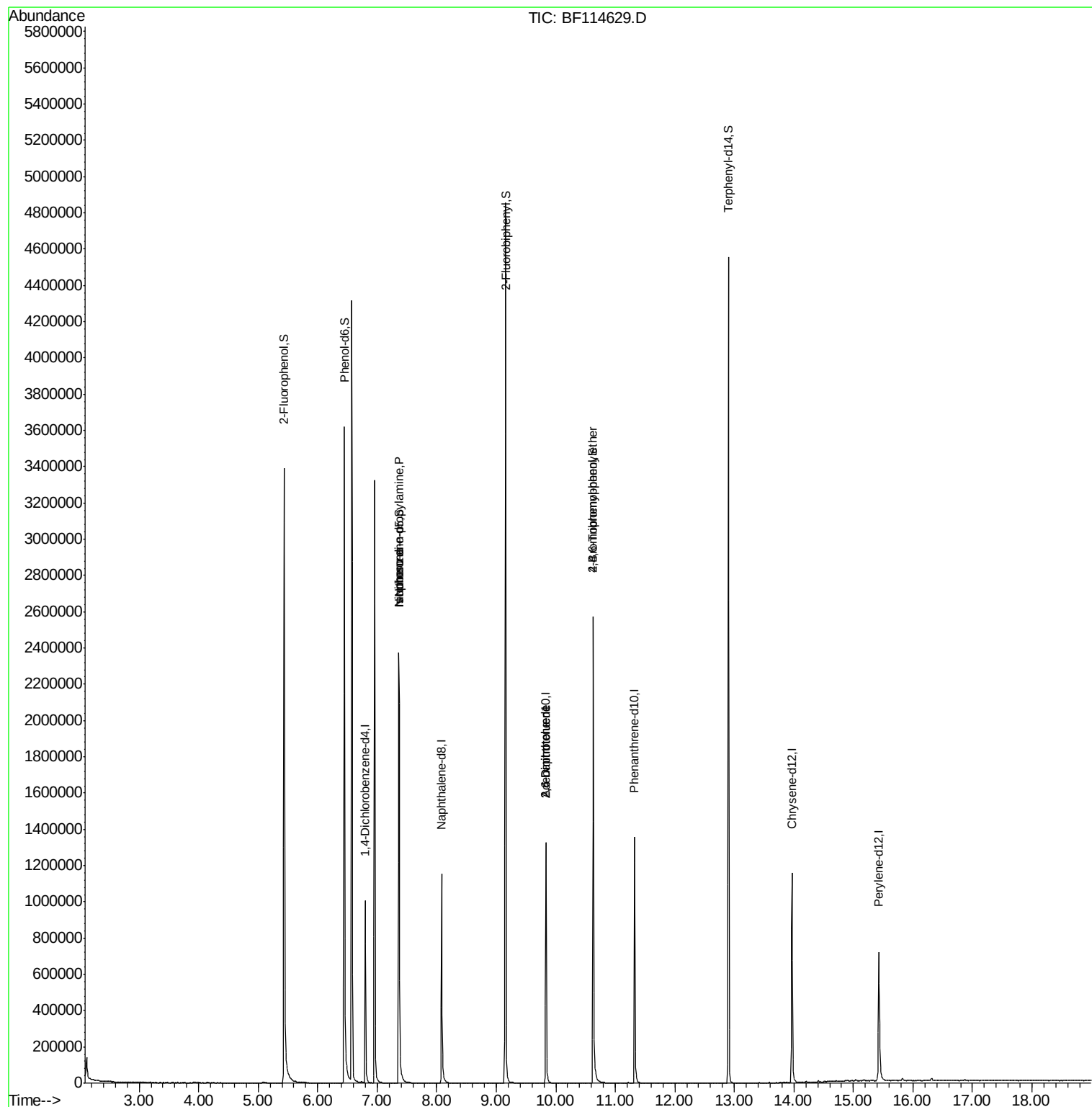
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	160886	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	609435	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	289615	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	586237	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	432635	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

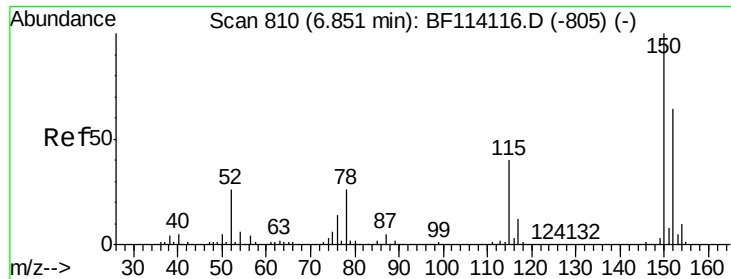
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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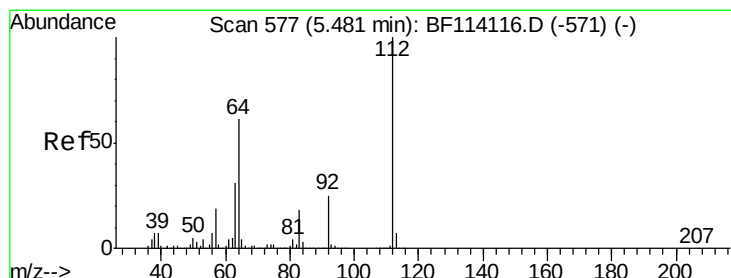
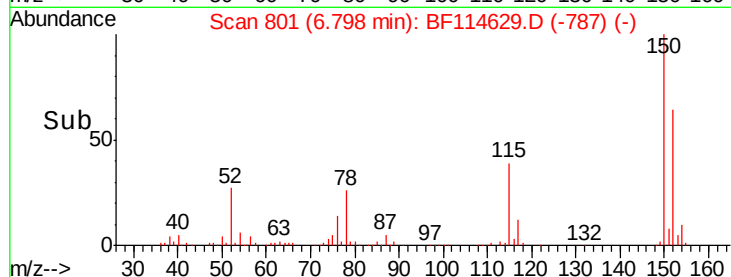
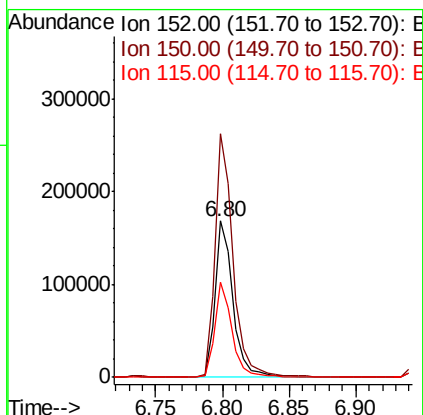
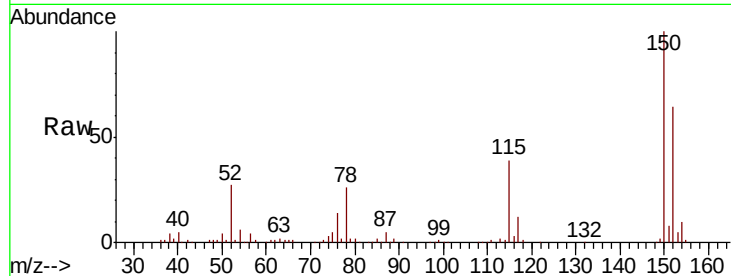




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF114629.D
 Acq: 26 May 2019 4:06

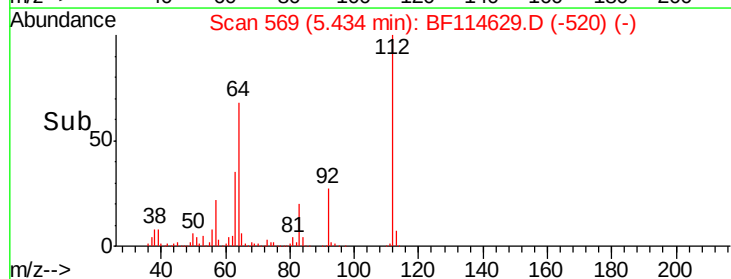
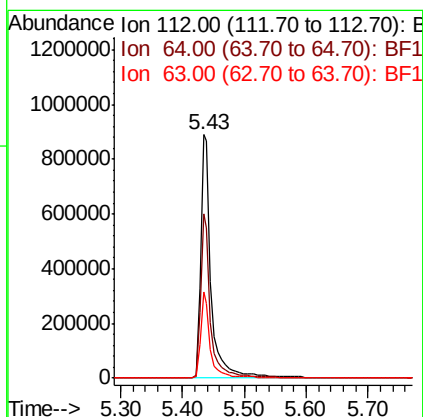
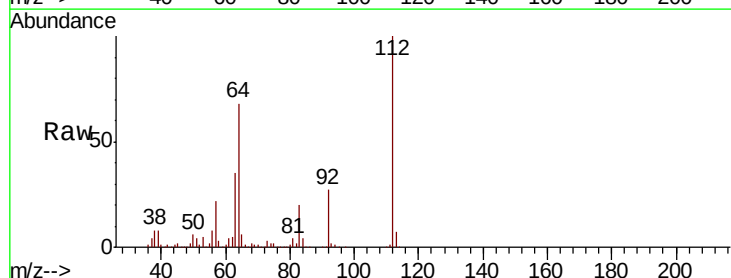
Instrument :
 BNA_F
 ClientSampleId :

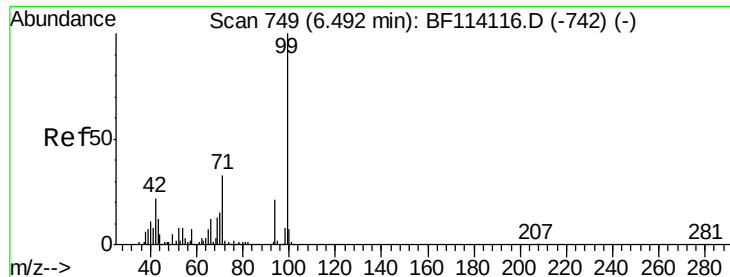
Tot Ion:152 Resp: 160886
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.3 186.5
 115 61.1 49.1 73.7



#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





#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 :

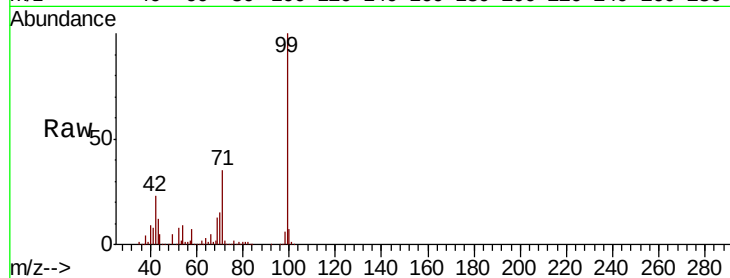
Tot Ion: 99 Resp: 1420037

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

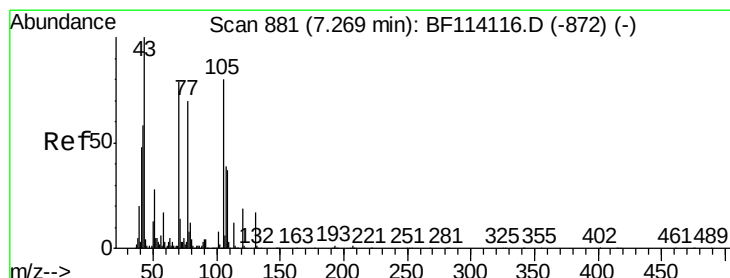
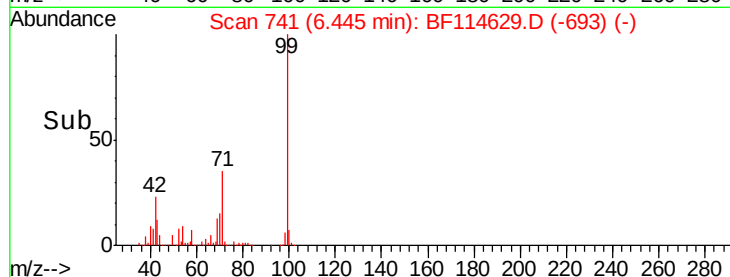
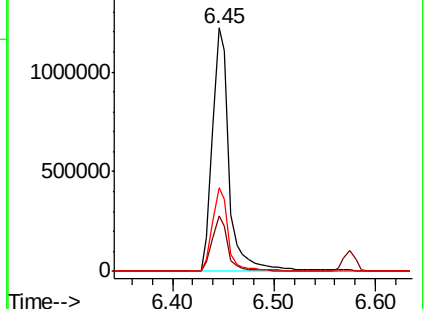
71 34.5 26.2 39.2



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

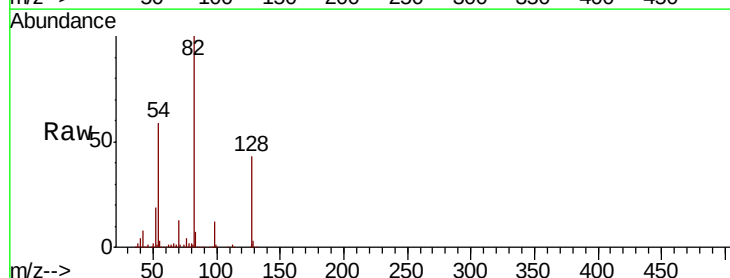
Ion Ratio Lower Upper

70 100

42 57.6 58.6 87.8#

101 0.0 7.8 11.8#

130 2.0 17.1 25.7#

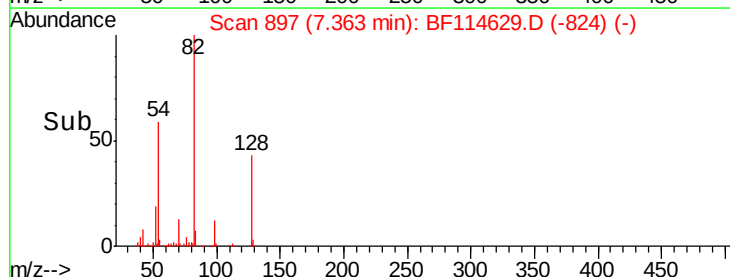
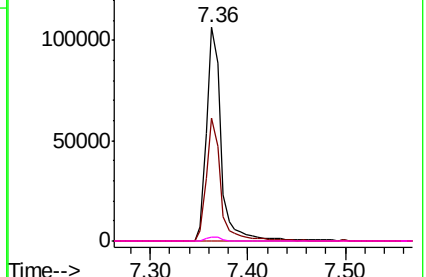


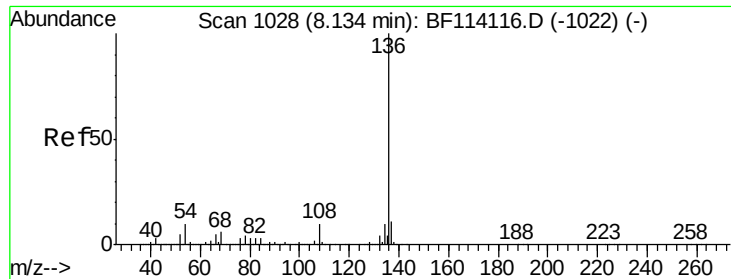
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

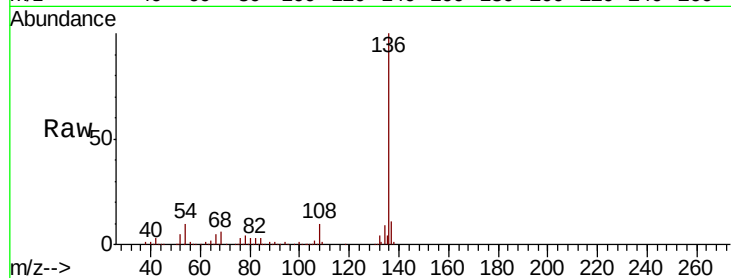




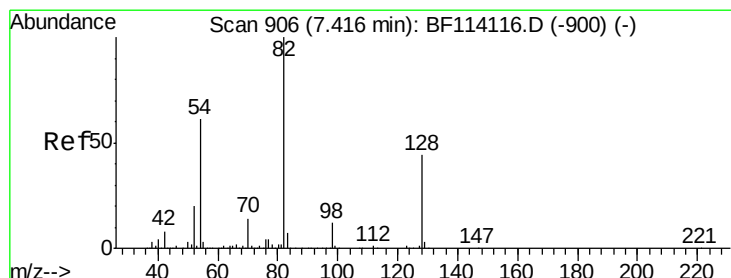
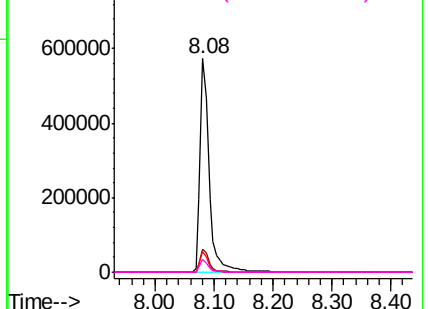
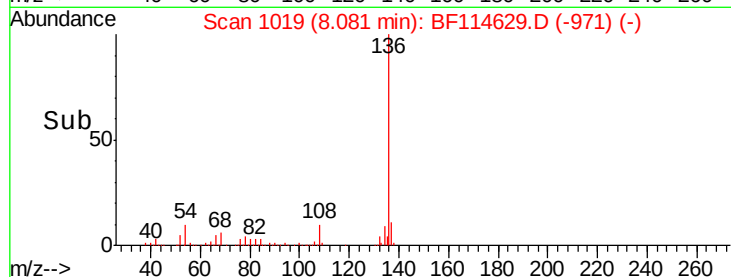
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114629.D
Acq: 26 May 2019 4:06

Instrument :
BNA_F
ClientSampleId :

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

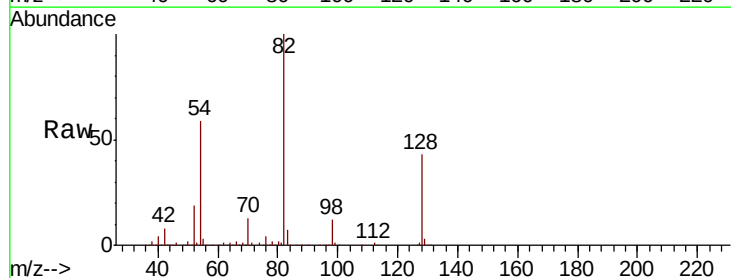


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

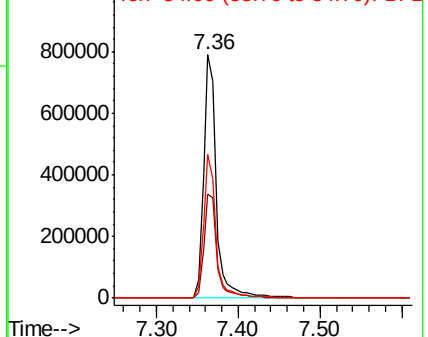
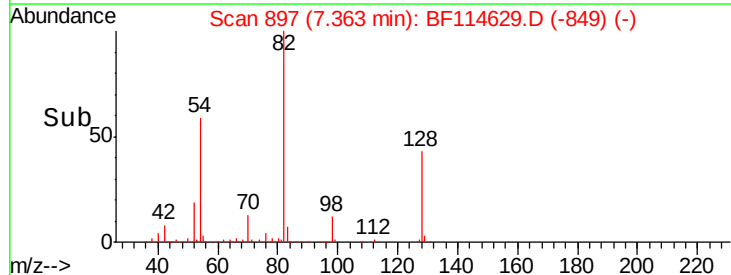


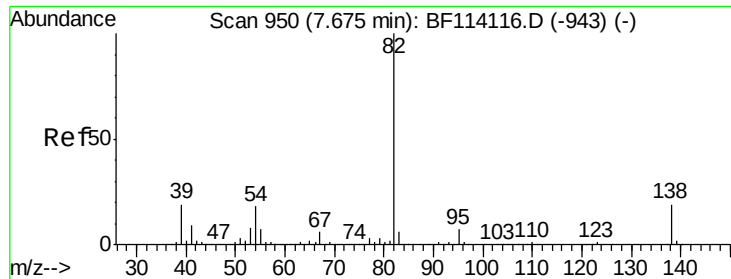
#23
Nitrobenzene-d5
Concen: 79.772 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF114629.D
Acq: 26 May 2019 4:06

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

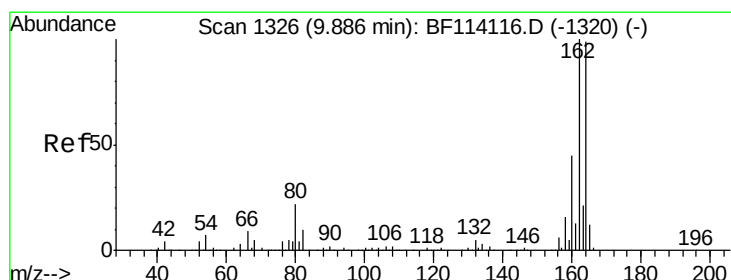
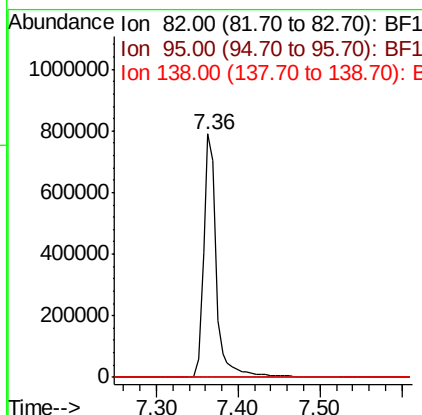
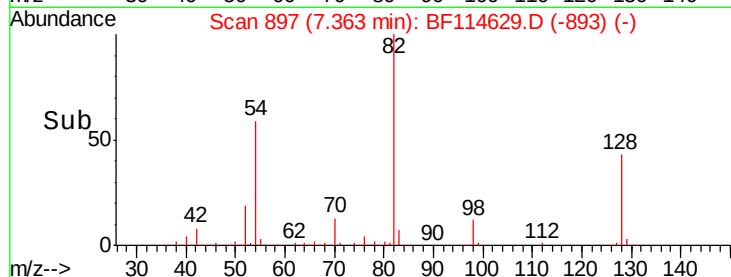
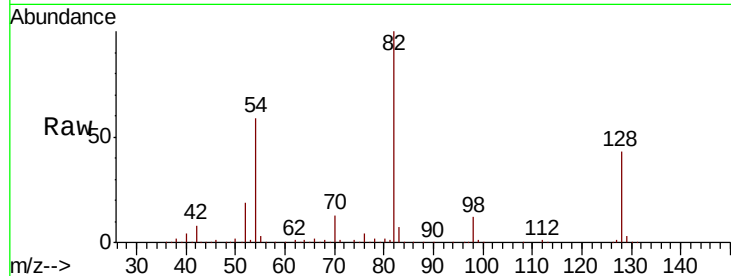




#25
Isophorone
Concen: 43.013 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.28 min
Lab File: BF114629.D
Acq: 26 May 2019 4:06

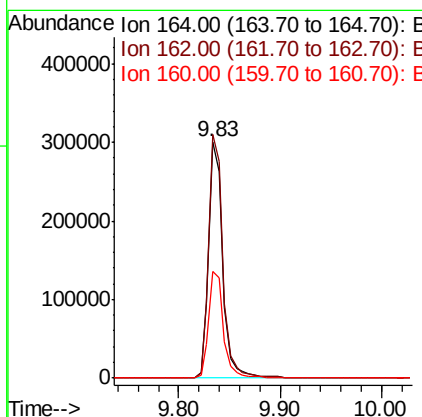
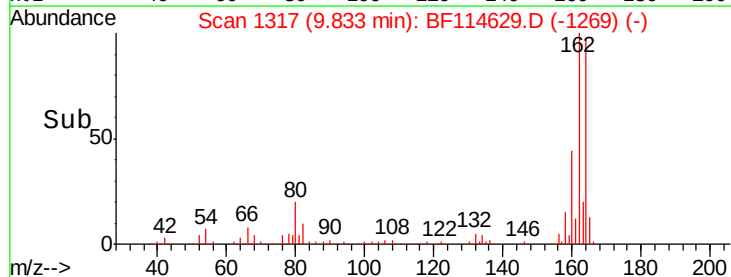
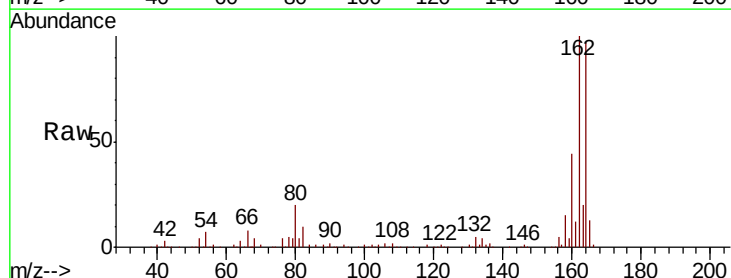
Instrument :
BNA_F
ClientSampleId :

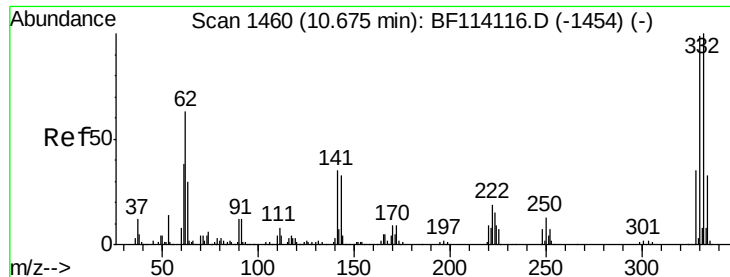
Tot Ion: 82 Resp: 866285
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#



#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





#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 :

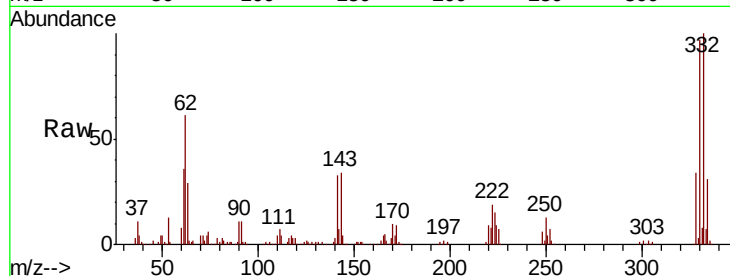
Tot Ion:330 Resp: 326760

Ion Ratio Lower Upper

330 100

332 102.6 81.4 122.2

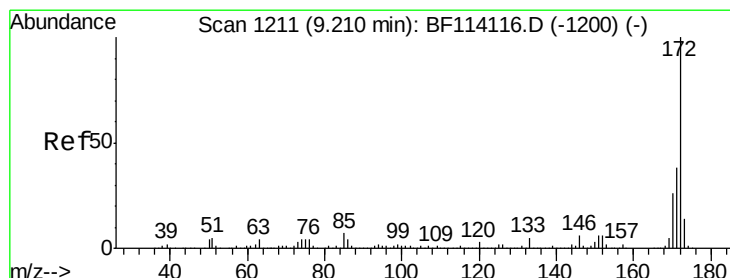
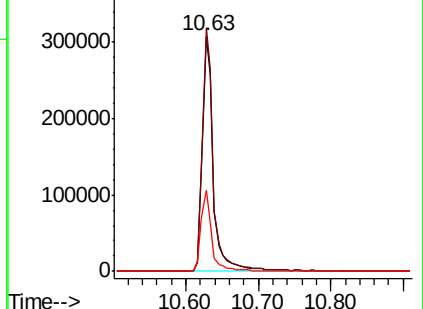
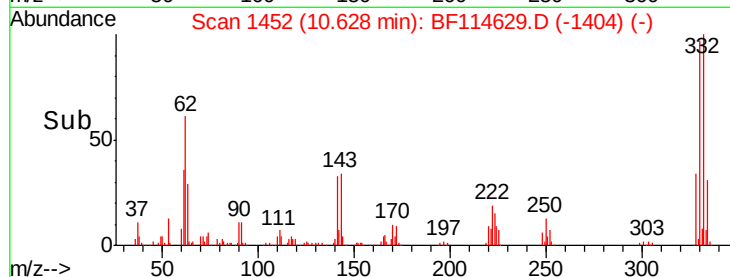
141 33.1 26.6 40.0



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

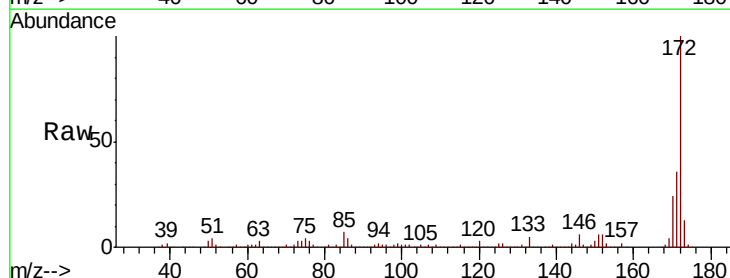
Tgt Ion:172 Resp: 1570659

Ion Ratio Lower Upper

172 100

171 36.2 30.7 46.1

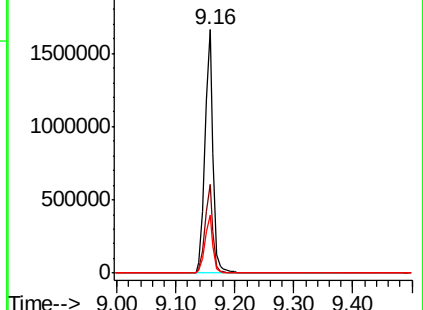
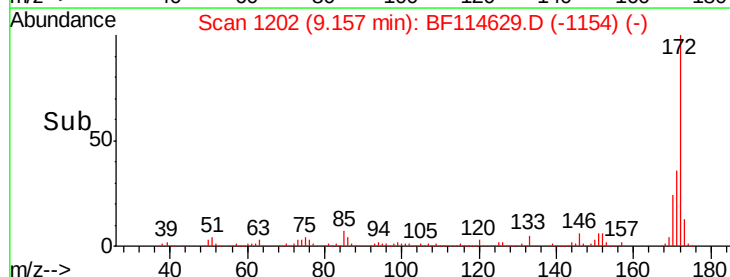
170 23.8 20.5 30.7

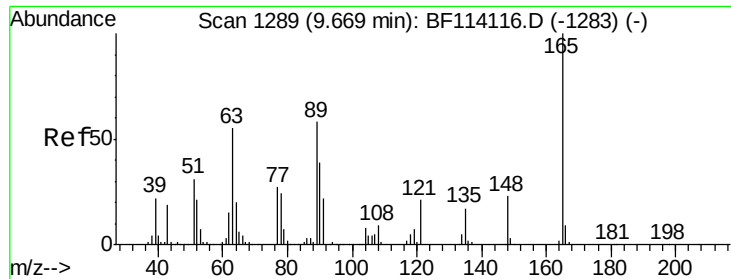


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

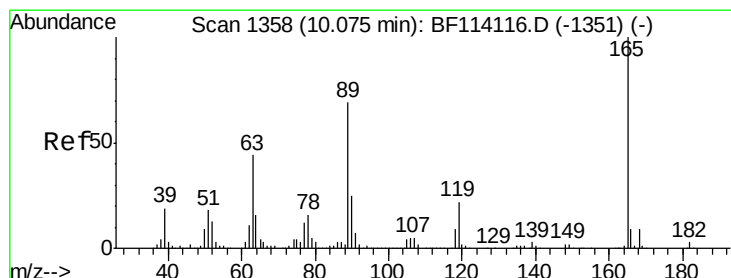
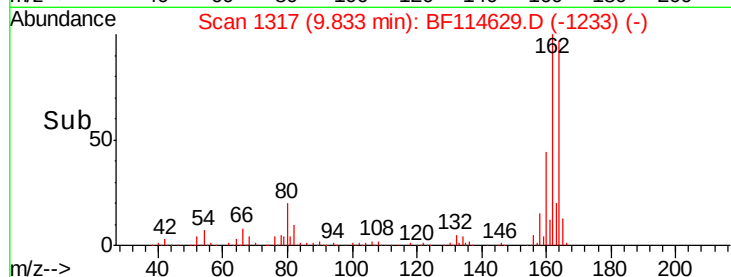
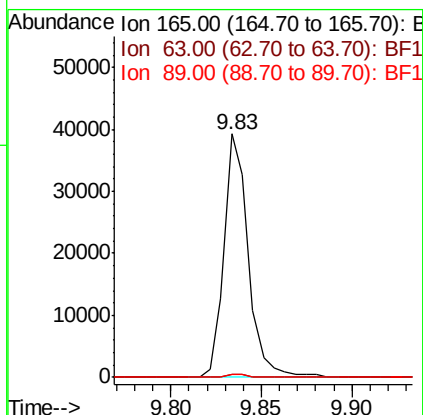
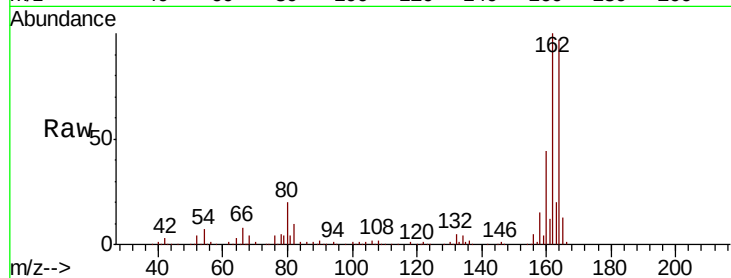




#51
 2,6-Dinitrotoluene
 Concen: 7.765 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF114629.D
 Acq: 26 May 2019 4:06

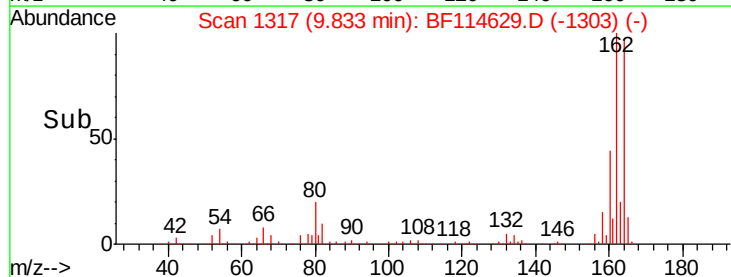
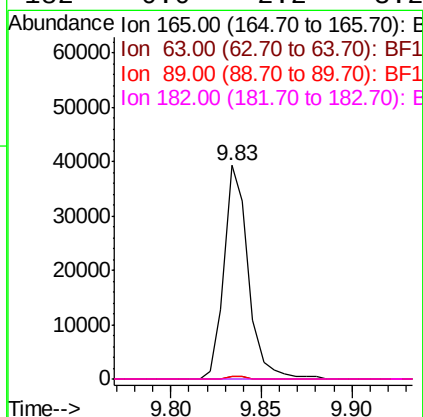
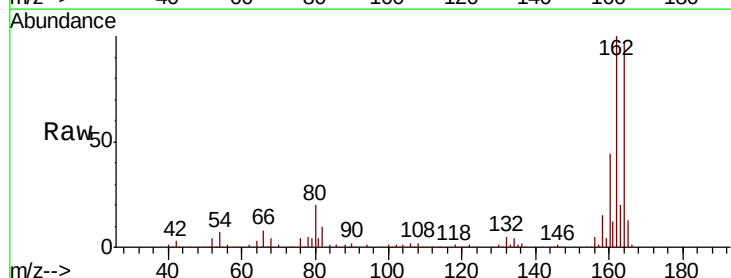
Instrument :
 BNA_F
 ClientSampled :

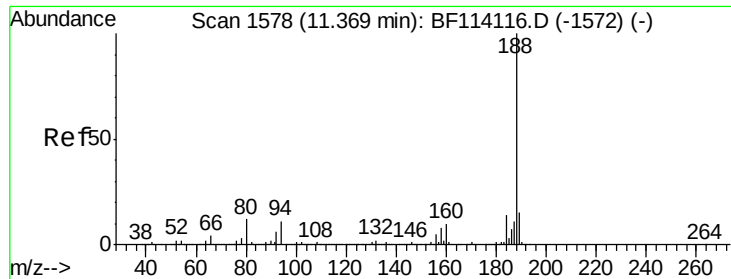
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	50.2	75.4#
89	1.1	46.6	69.8#



#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 :

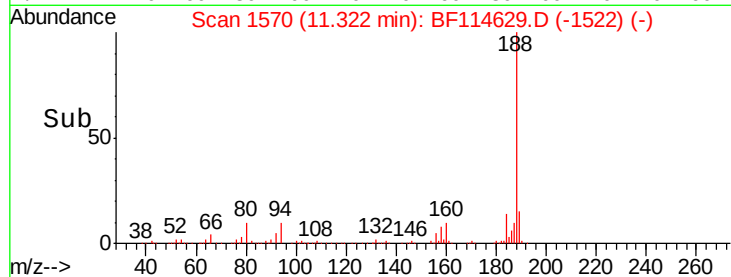
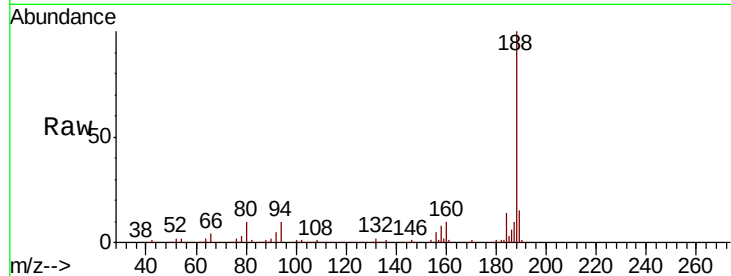
Tot Ion:188 Resp: 586237

Ion Ratio Lower Upper

188 100

94 9.9 8.4 12.6

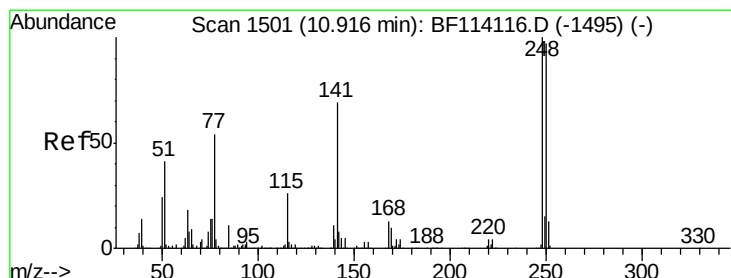
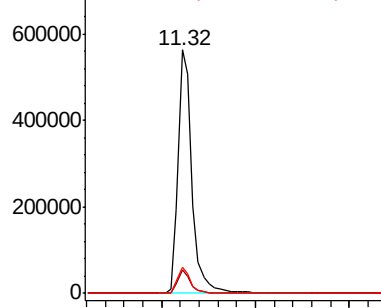
80 10.5 9.2 13.8



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



#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

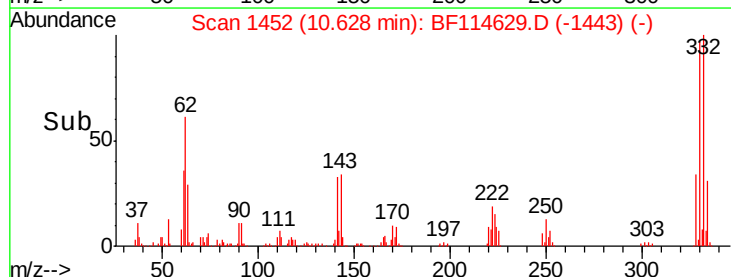
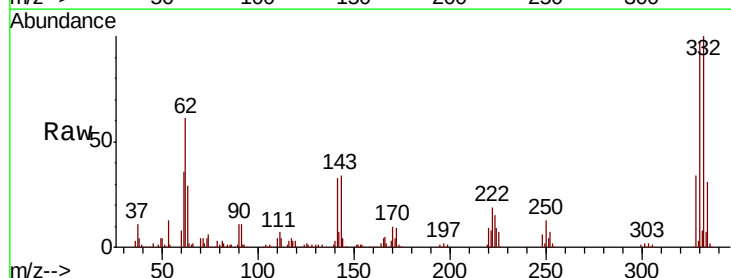
Tgt Ion:248 Resp: 21317

Ion Ratio Lower Upper

248 100

250 201.7 77.4 116.2#

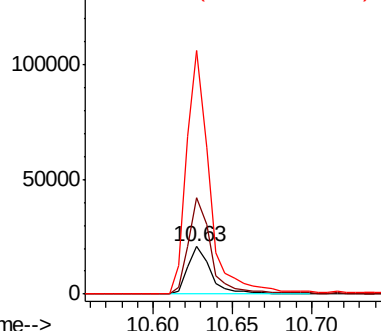
141 512.3 55.6 83.4#

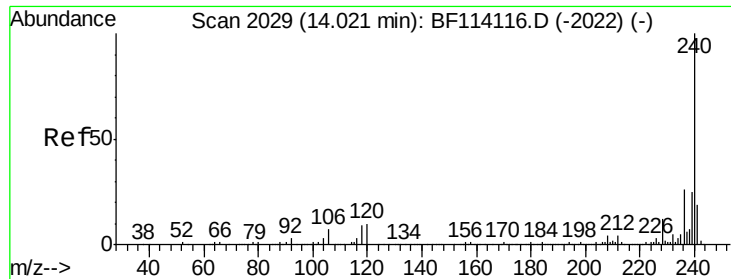


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

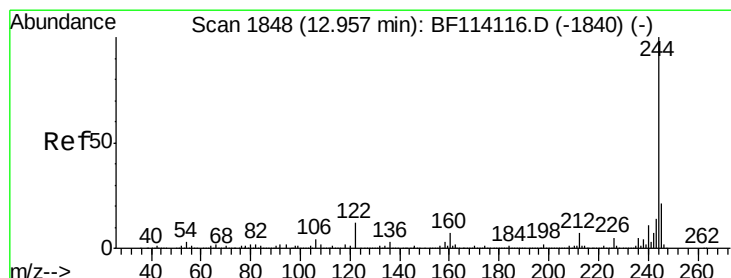
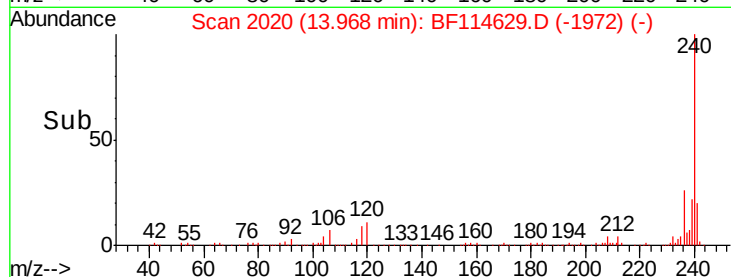
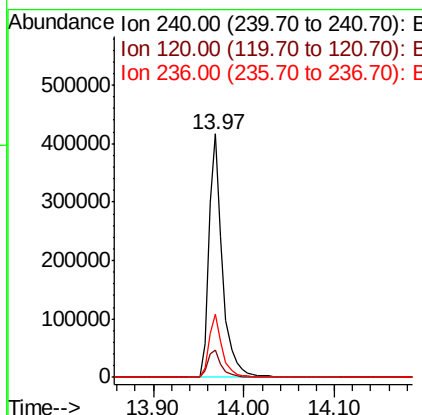
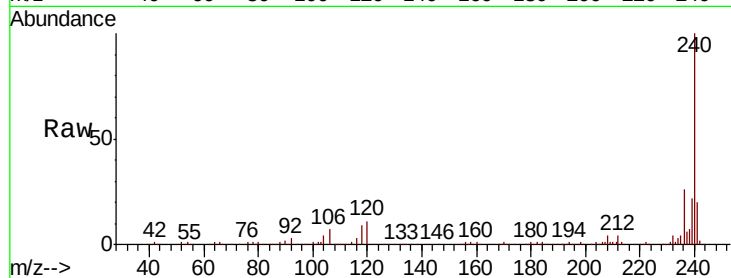




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF114629.D
Acq: 26 May 2019 4:06

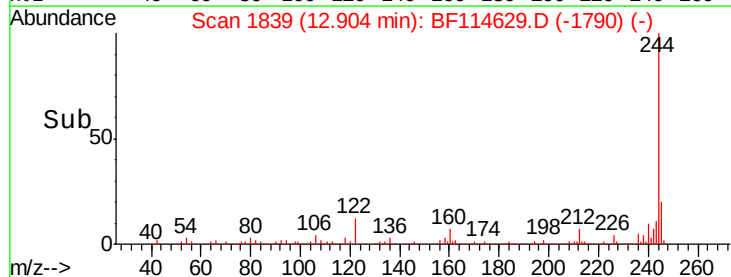
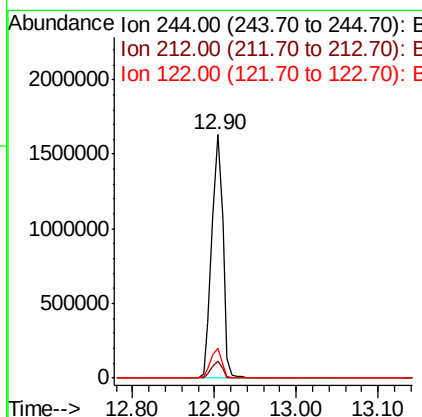
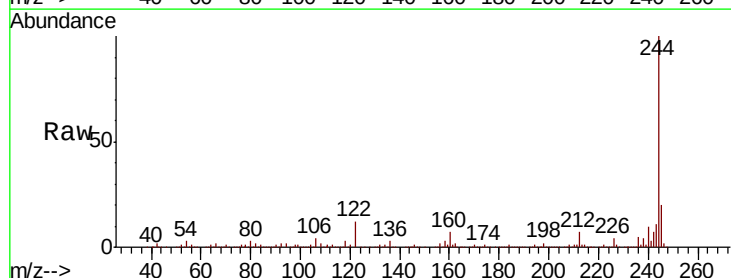
Instrument :
BNA_F
ClientSampleId :

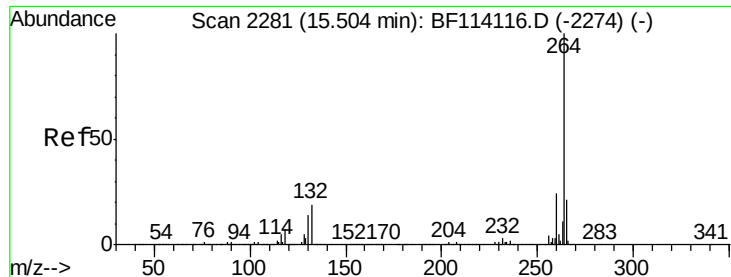
Tot Ion:240 Resp: 432635
Ion Ratio Lower Upper
240 100
120 11.2 8.3 12.5
236 26.1 20.8 31.2



#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:244 Resp: 1547031
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 :

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

