

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114607.D
 Acq On : 25 May 2019 16:46
 Operator : JU/SJ
 Sample : PB119807BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 26 23:43:31 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

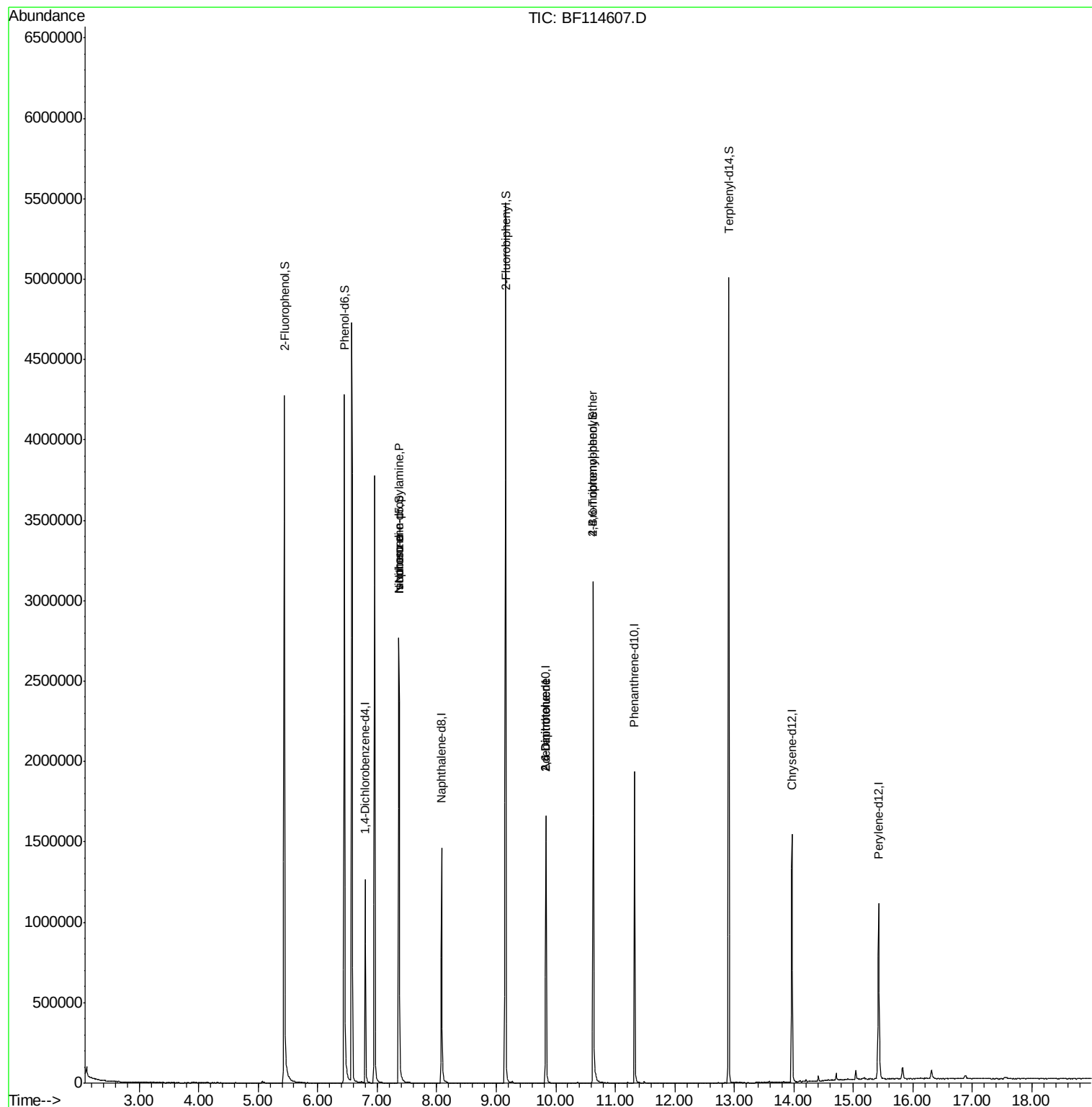
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	191588	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	730970	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	360251	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	735022	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	538866	20.00	ng	-0.02
87) Perylene-d12	15.42	264	538378	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1251470	105.12	ng	0.00
7) Phenol-d6	6.45	99	1624422	115.36	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1005280	77.18	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	414051	111.17	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1843027	77.39	ng	-0.02
79) Terphenyl-d14	12.91	244	1877080	71.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	133153	14.919	ng	# 76
25) Isophorone	7.36	82	1005275	41.615	ng	# 64
51) 2,6-Dinitrotoluene	9.83	165	45197	7.705	ng	# 22
57) 2,4-Dinitrotoluene	9.83	165	45197	5.677	ng	# 25
67) 4-Bromophenyl-phenylether	10.63	248	26380	3.260	ng	# 1

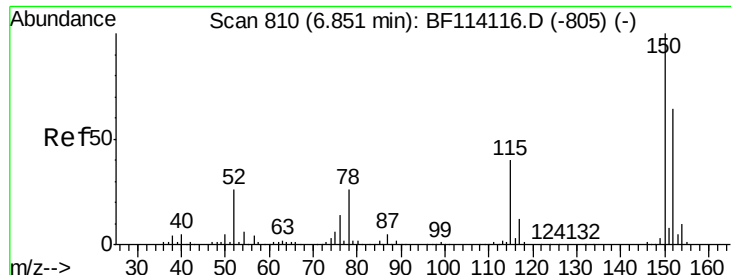
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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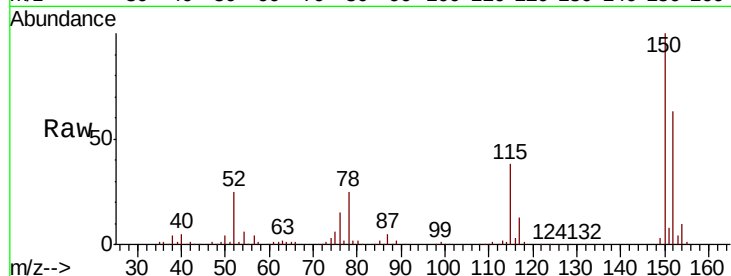


#1

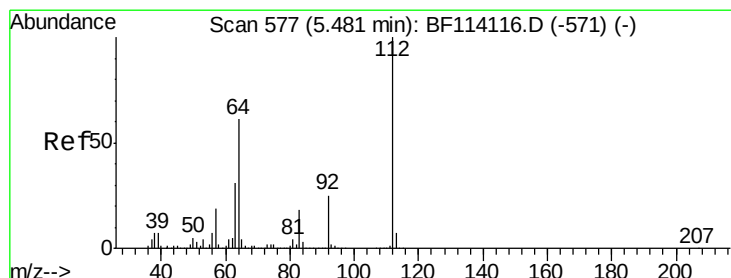
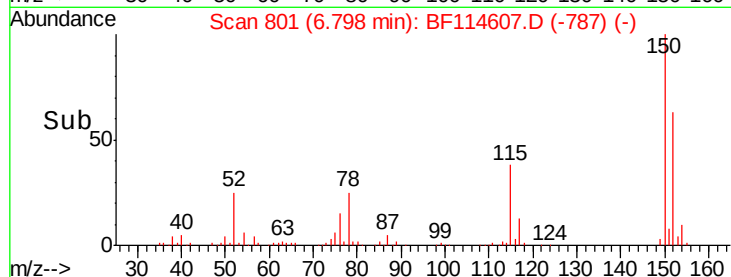
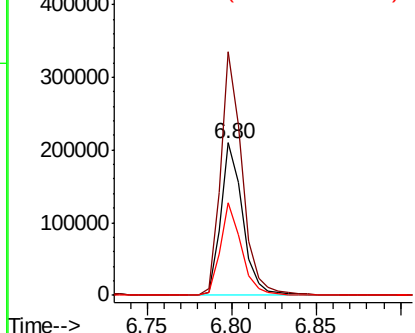
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114607.D
Acq: 25 May 2019 16:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 191588
Ion Ratio Lower Upper
152 100
150 160.0 124.3 186.5
115 61.2 49.1 73.7



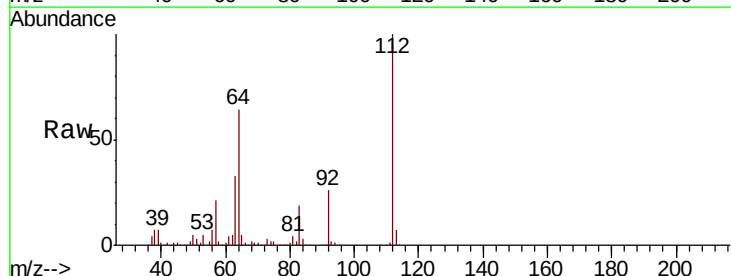
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



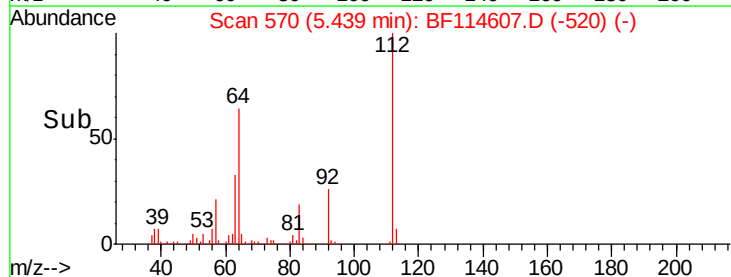
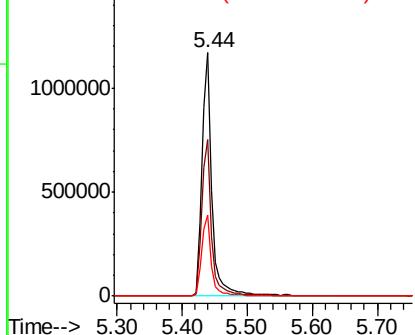
#5

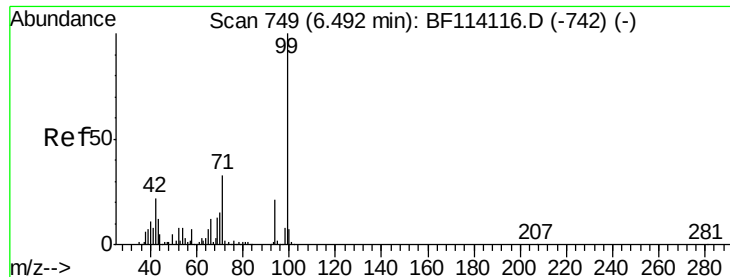
2-Fluorophenol
Concen: 105.118 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114607.D
Acq: 25 May 2019 16:46

Tgt Ion:112 Resp: 1251470
Ion Ratio Lower Upper
112 100
64 64.2 49.0 73.6
63 33.2 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: 115.364 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114607.D

Acq: 25 May 2019 16:46

Instrument :

BNA_F

ClientSampleId :

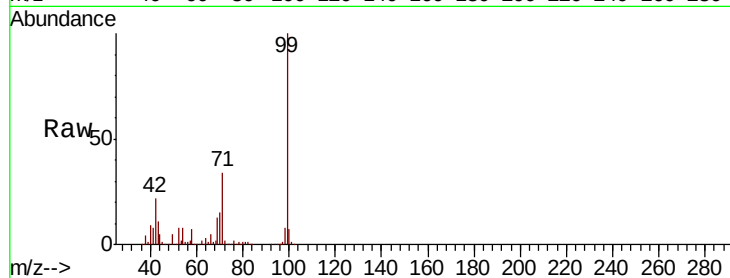
Tot Ion: 99 Resp: 1624422

Ion Ratio Lower Upper

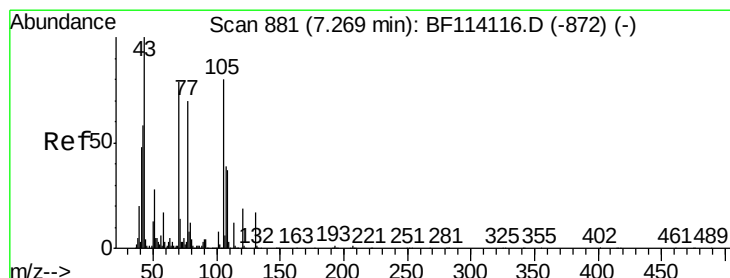
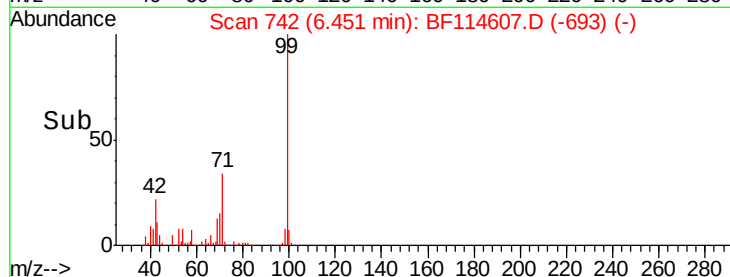
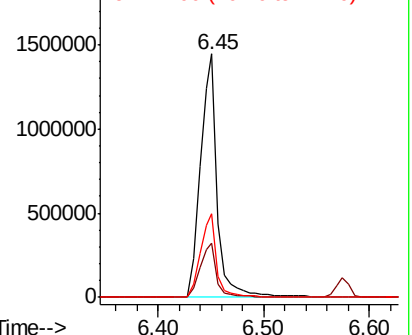
99 100

42 22.1 17.9 26.9

71 34.3 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: 14.919 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.13 min

Lab File: BF114607.D

Acq: 25 May 2019 16:46

Tgt Ion: 70 Resp: 133153

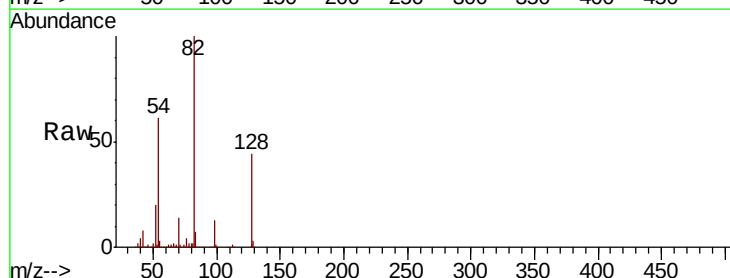
Ion Ratio Lower Upper

70 100

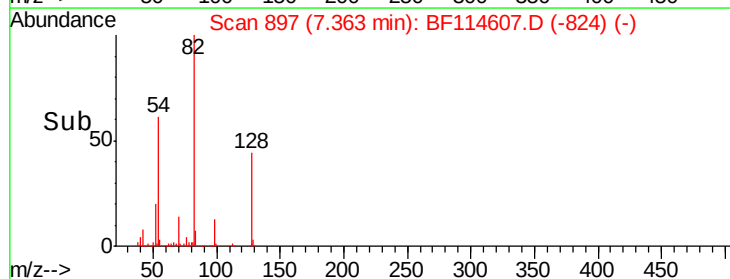
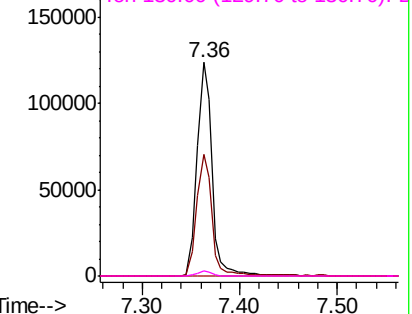
42 57.1 58.6 87.8#

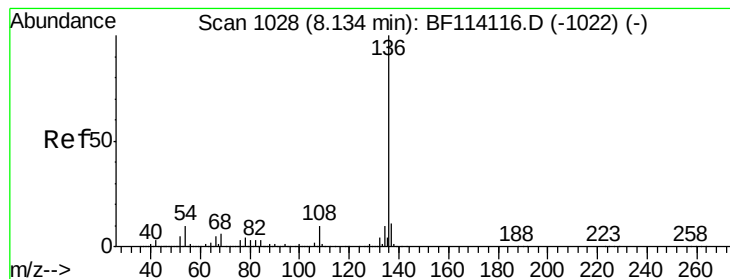
101 0.0 7.8 11.8#

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: 8.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF114607.D

Acq: 25 May 2019 16:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 730970

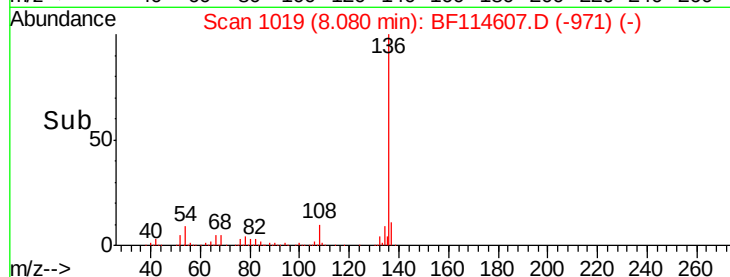
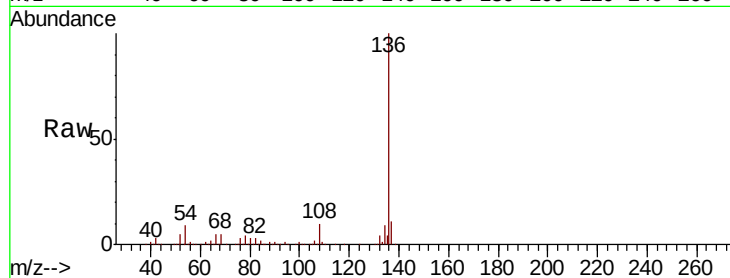
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.3 7.8 11.8

68 5.4 5.1 7.7

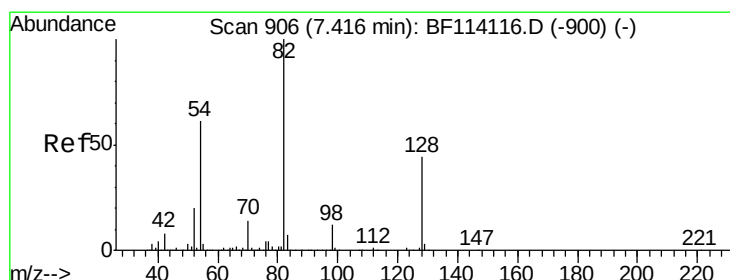
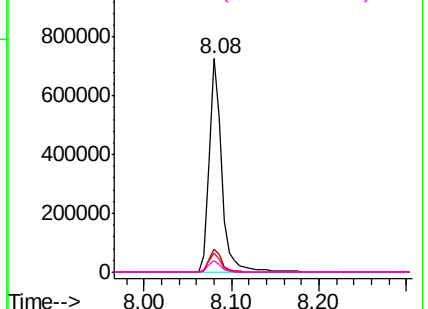


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 77.180 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF114607.D

Acq: 25 May 2019 16:46

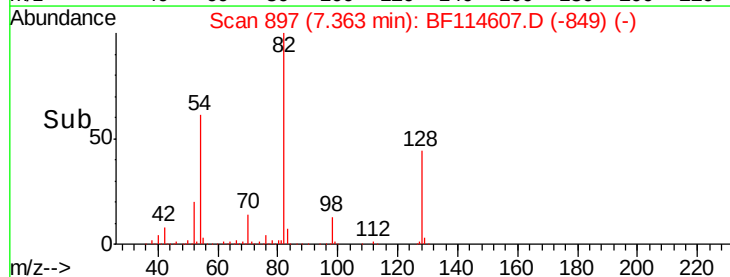
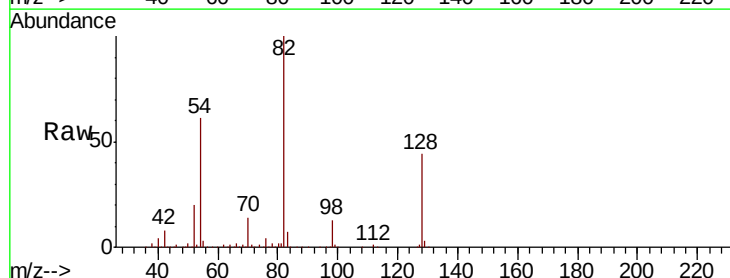
Tgt Ion: 82 Resp: 1005280

Ion Ratio Lower Upper

82 100

128 44.4 35.5 53.3

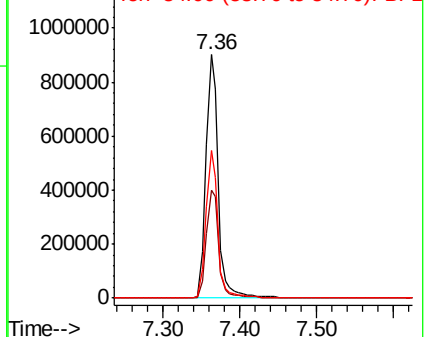
54 60.7 48.5 72.7

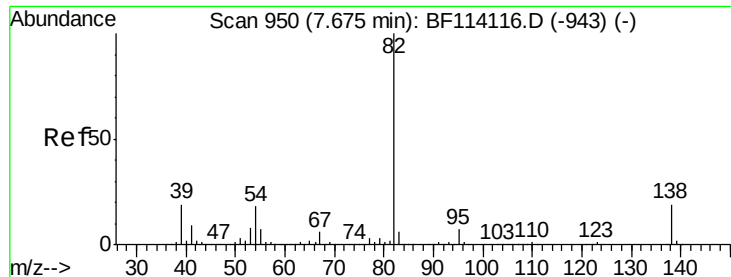


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.615 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.28 min

Lab File: BF114607.D

Acq: 25 May 2019 16:46

Instrument :

BNA_F

ClientSampleID :

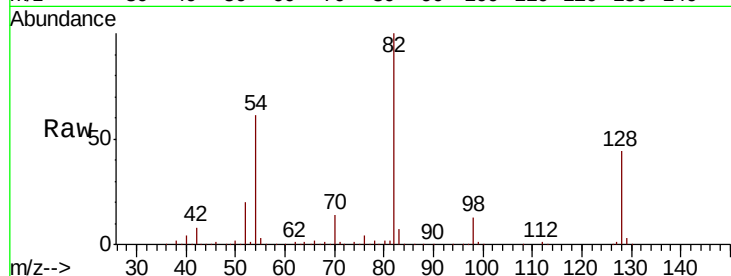
Tot Ion: 82 Resp: 1005275

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

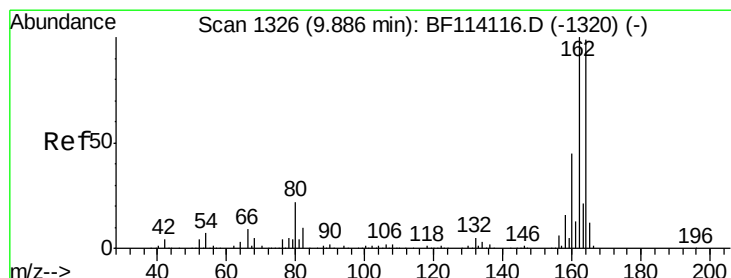
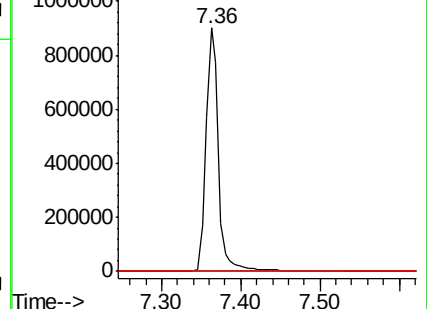
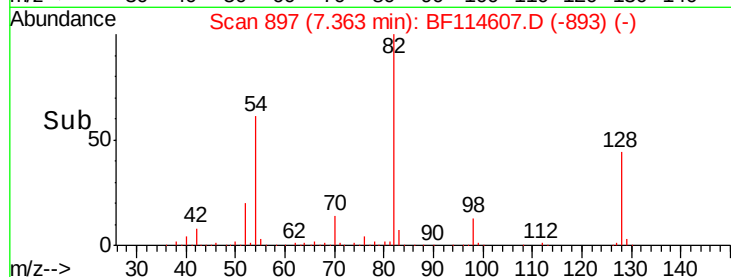
138 0.0 14.8 22.2#



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: BF114607.D

Acq: 25 May 2019 16:46

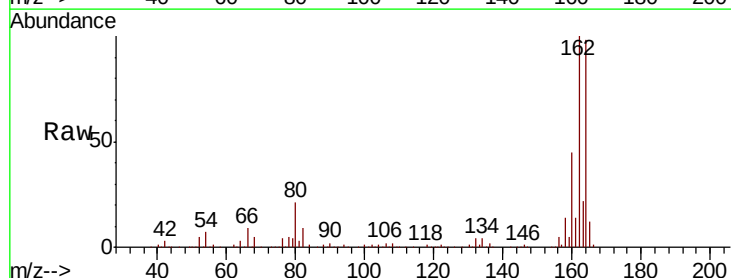
Tgt Ion: 164 Resp: 360251

Ion Ratio Lower Upper

164 100

162 102.2 80.6 120.8

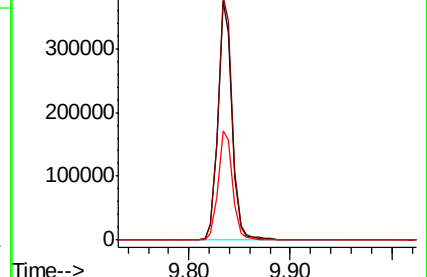
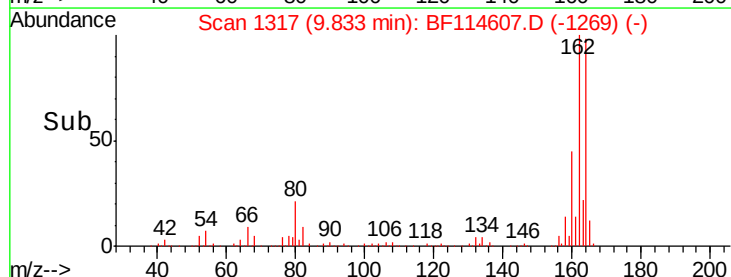
160 45.7 36.5 54.7

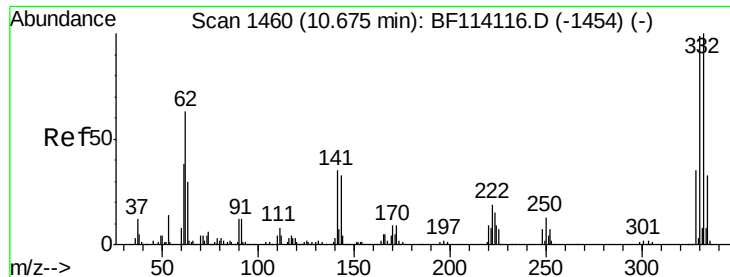


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 111.173 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF114607.D

Acq: 25 May 2019 16:46

Instrument :

BNA_F

ClientSampled :

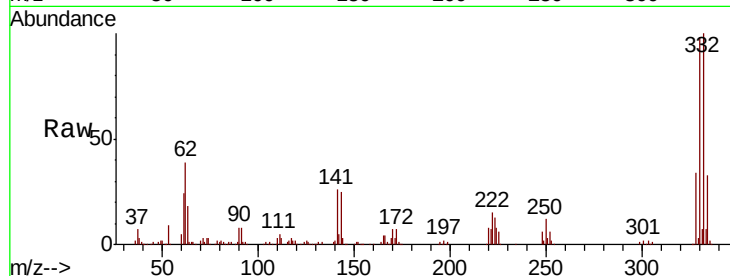
Tot Ion:330 Resp: 414051

Ion Ratio Lower Upper

330 100

332 101.5 81.4 122.2

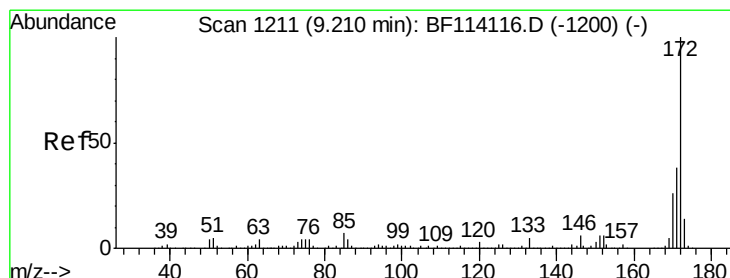
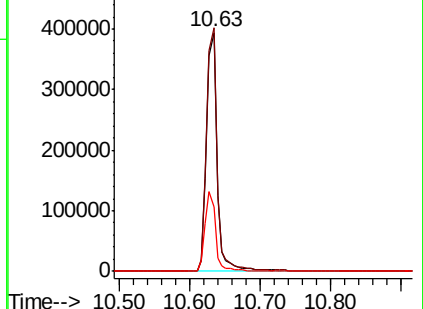
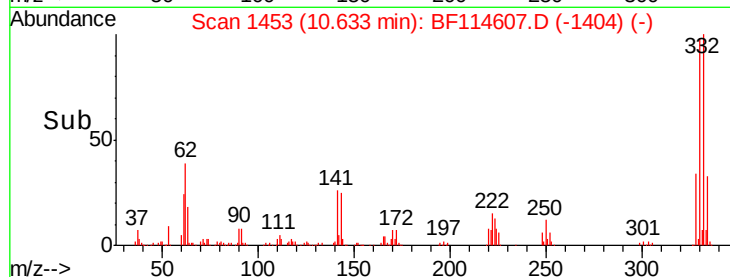
141 33.8 26.6 40.0



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: 77.387 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF114607.D

Acq: 25 May 2019 16:46

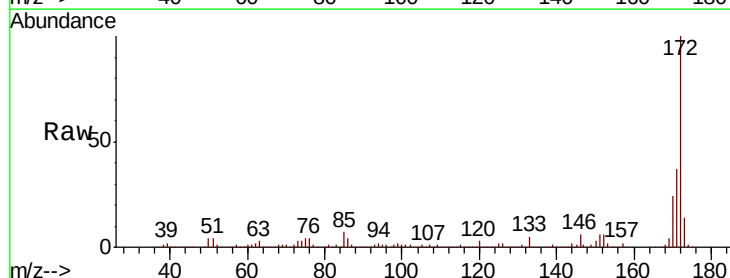
Tgt Ion:172 Resp: 1843027

Ion Ratio Lower Upper

172 100

171 36.5 30.7 46.1

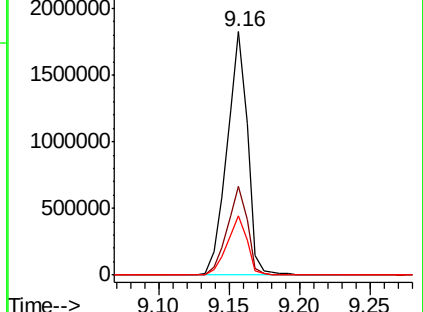
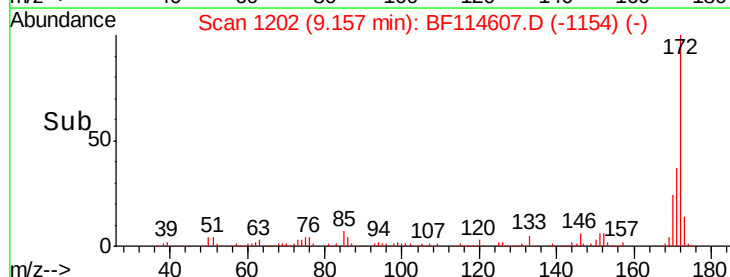
170 24.2 20.5 30.7

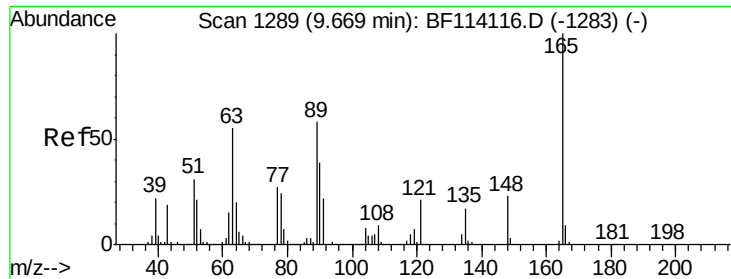


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

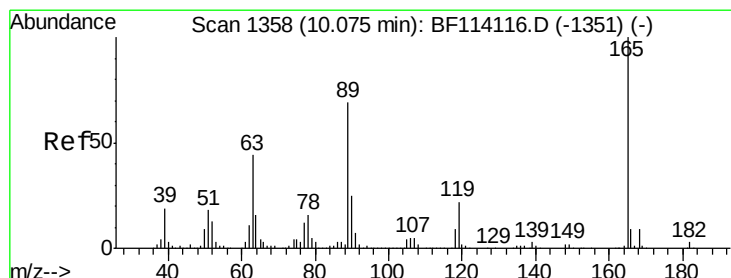
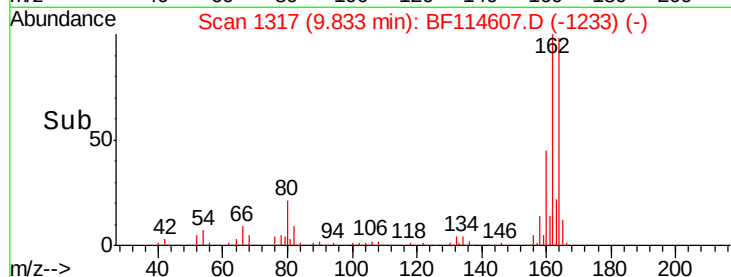
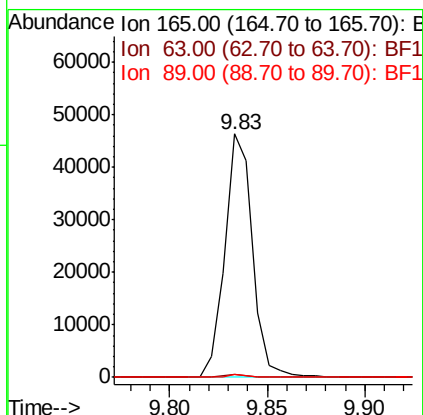
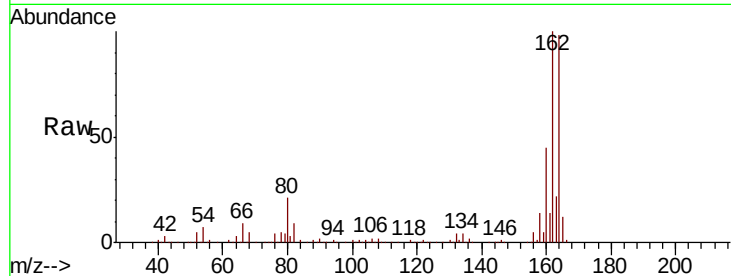




#51
 2,6-Dinitrotoluene
 Concen: 7.705 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.19 min
 Lab File: BF114607.D
 Acq: 25 May 2019 16:46

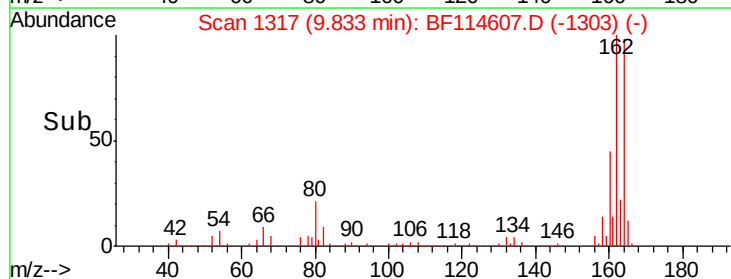
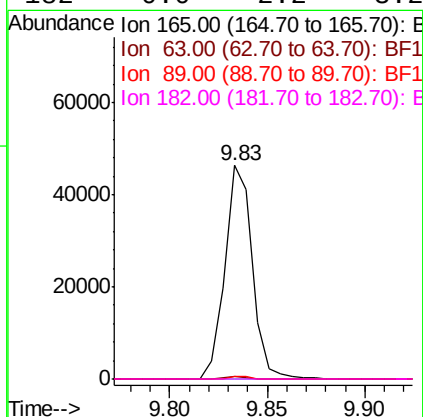
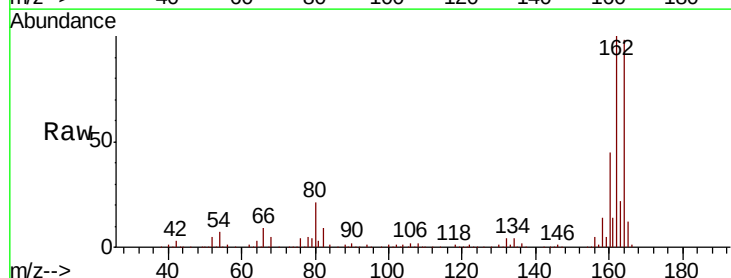
Instrument :
 BNA_F
 ClientSampleId :

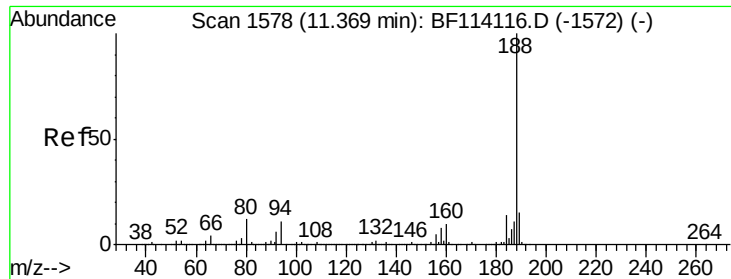
Tot Ion:165	Resp:	45197
Ion Ratio	Lower	Upper
165	100	
63	1.2	50.2 75.4#
89	1.0	46.6 69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.677 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF114607.D
 Acq: 25 May 2019 16:46

Tgt Ion:165	Resp:	45197
Ion Ratio	Lower	Upper
165	100	
63	1.2	35.5 53.3#
89	1.0	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: BF114607.D

Acq: 25 May 2019 16:46

Instrument :

BNA_F

ClientSampleId :

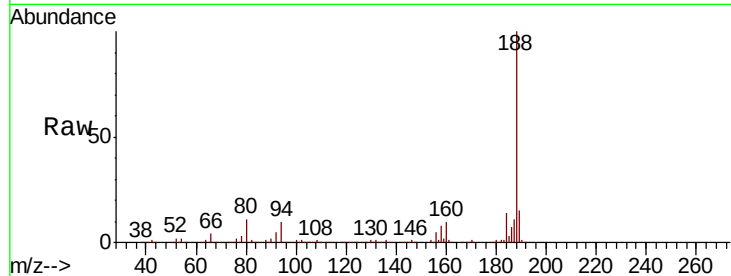
Tot Ion:188 Resp: 735022

Ion Ratio Lower Upper

188 100

94 9.8 8.4 12.6

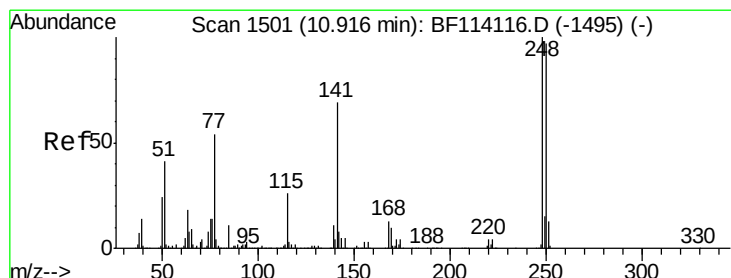
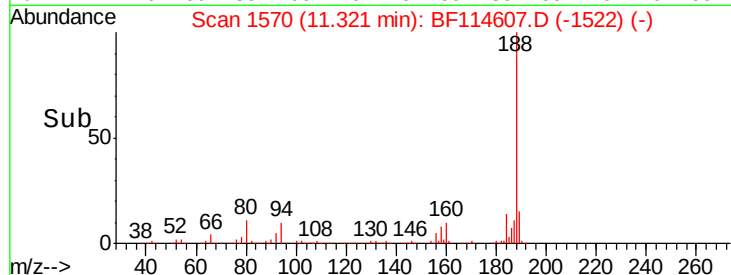
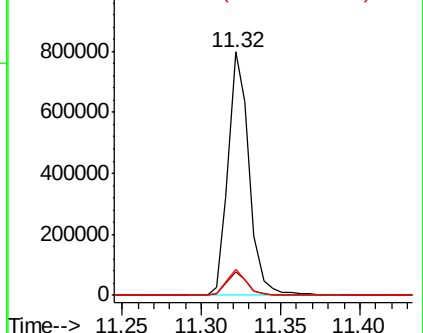
80 10.5 9.2 13.8



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: 3.260 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.25 min

Lab File: BF114607.D

Acq: 25 May 2019 16:46

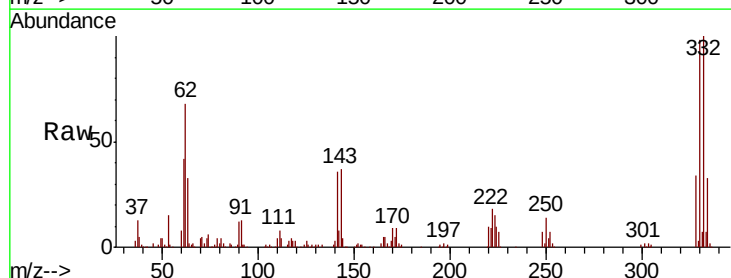
Tgt Ion:248 Resp: 26380

Ion Ratio Lower Upper

248 100

250 208.6 77.4 116.2#

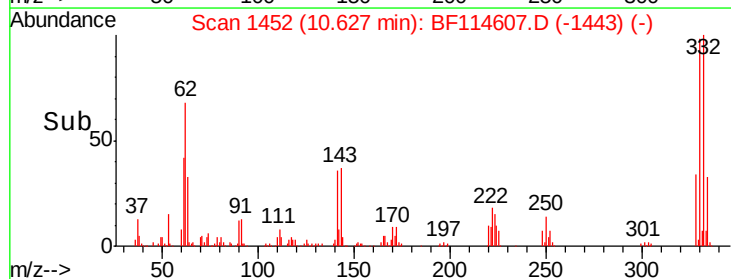
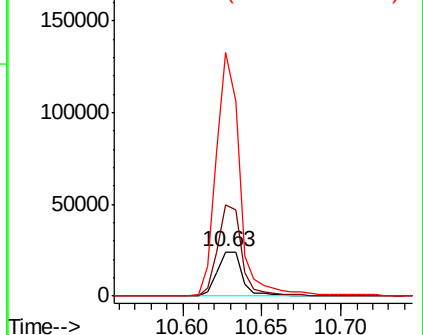
141 553.6 55.6 83.4#

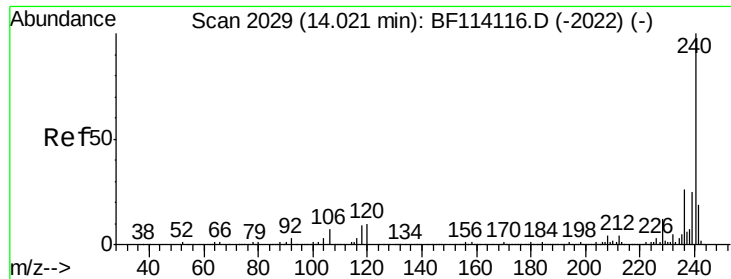


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

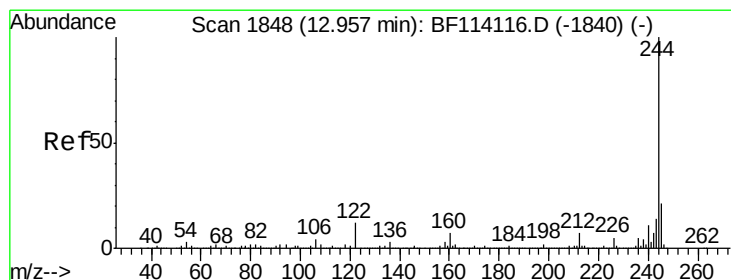
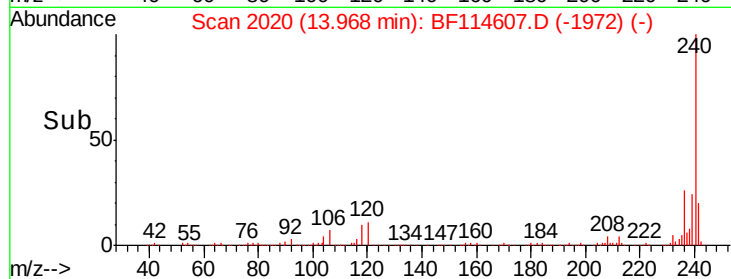
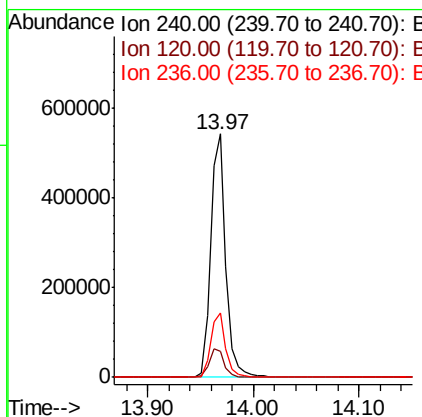
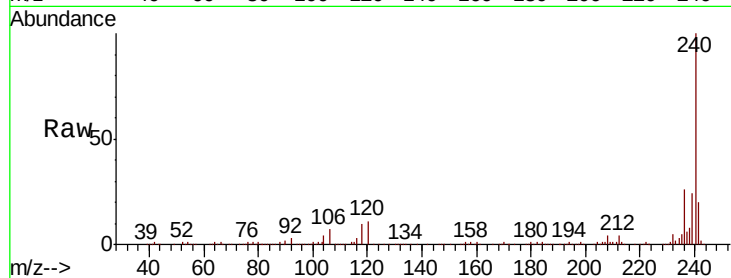




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF114607.D
Acq: 25 May 2019 16:46

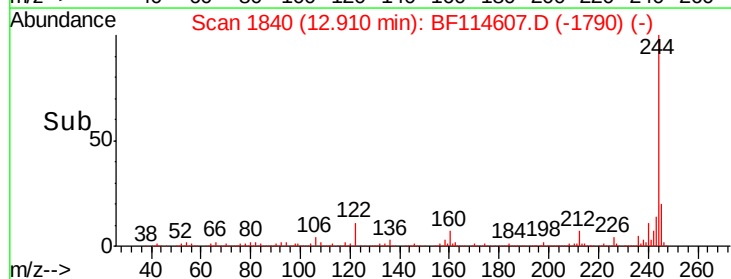
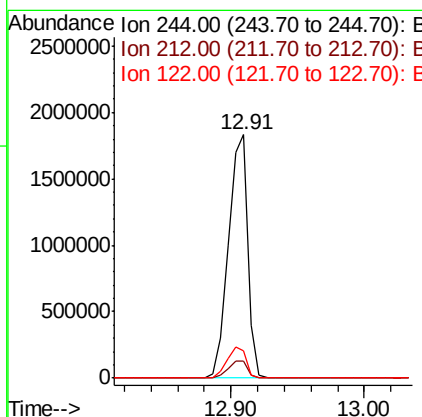
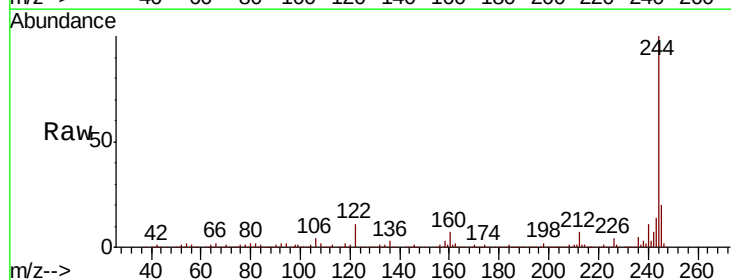
Instrument :
BNA_F
ClientSampleId :

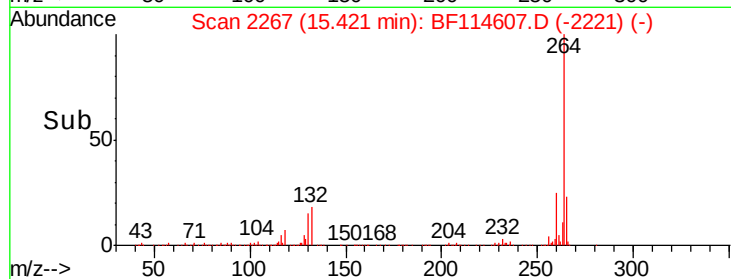
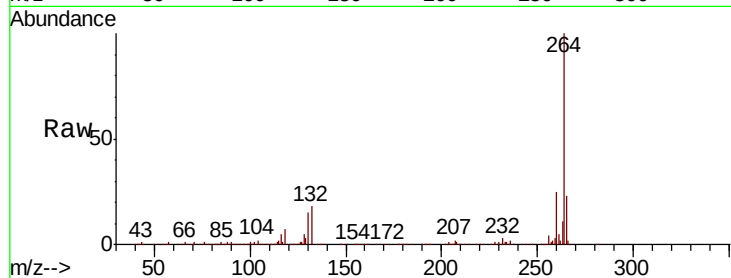
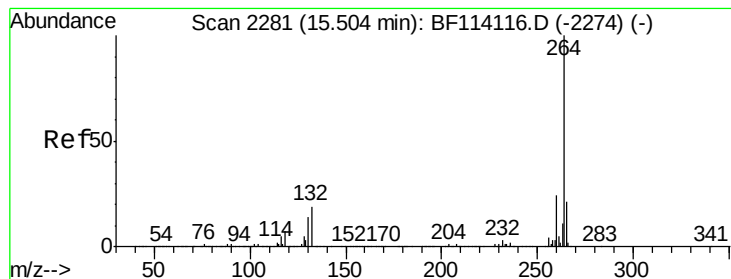
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.3	12.5
236	26.3	20.8	31.2



#79
Terphenyl-d14
Concen: 71.808 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF114607.D
Acq: 25 May 2019 16:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	11.2	9.4	14.2





#87

Pervlone-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF114607.D

Acq: 25 May 2019 16:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 538378

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.0

265 22.6 16.9 25.3

