

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119668.D
 Acq On : 1 Apr 2020 12:19
 Operator : MA/SJ
 Sample : PB127920TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127920TB

Quant Time: Apr 01 13:00:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

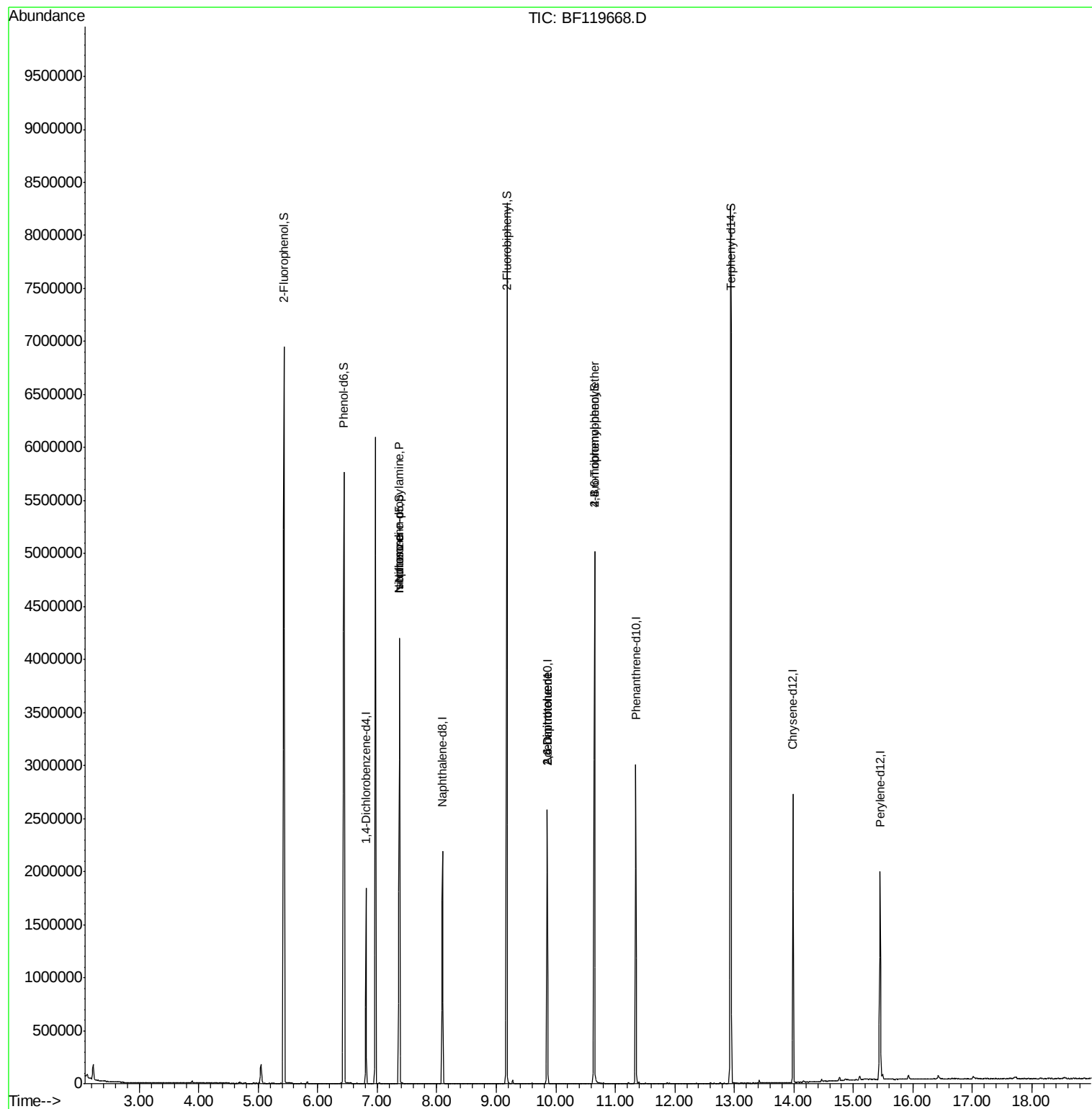
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	258696	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	989700	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	521152	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1039294	20.00	ng	0.00
76) Chrysene-d12	13.99	240	883363	20.00	ng	-0.01
87) Perylene-d12	15.45	264	928809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2052593	126.31	ng	0.02
7) Phenol-d6	6.45	99	2566716	123.64	ng	0.00
23) Nitrobenzene-d5	7.37	82	1594962	87.58	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	752495	139.96	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2884751	82.00	ng	0.00
79) Terphenyl-d14	12.94	244	3521629	78.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	209840	16.770	ng	# 76
25) Isophorone	7.37	82	1591736	43.089	ng	# 65
51) 2,6-Dinitrotoluene	9.86	165	67827	8.548	ng	# 26
57) 2,4-Dinitrotoluene	9.86	165	67827	6.786	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	45906	3.878	ng	# 1

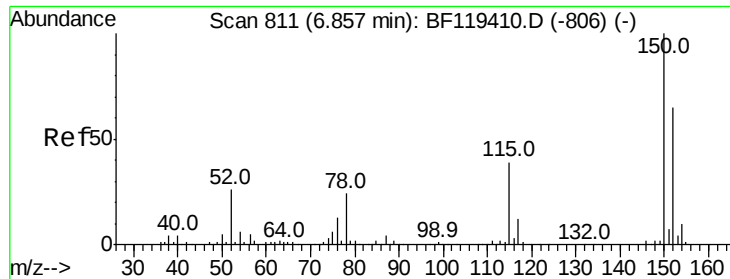
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119668.D
Acq On : 1 Apr 2020 12:19
Operator : MA/SJ
Sample : PB127920TB
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127920TB

Quant Time: Apr 01 13:00:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 01 11:59:45 2020
Response via : Initial Calibration



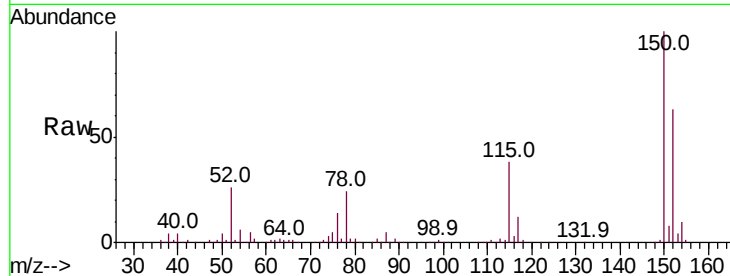


#1

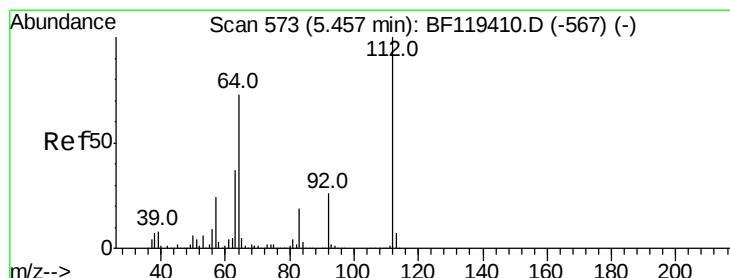
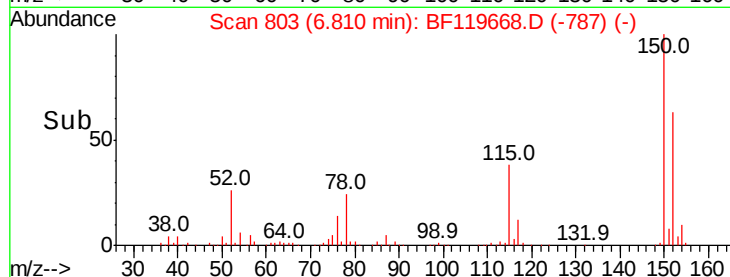
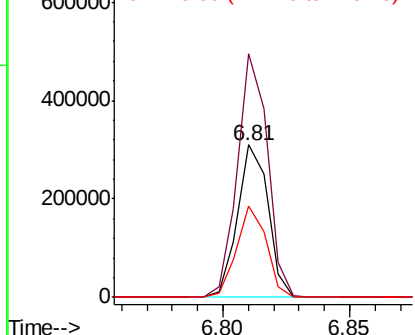
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119668.D
Acq: 1 Apr 2020 12:19

Instrument :
BNA_F
ClientSampleId :
PB127920TB

Tot Ion:152 Resp: 258696
Ion Ratio Lower Upper
152 100
150 159.6 124.5 186.7
115 59.9 49.6 74.4



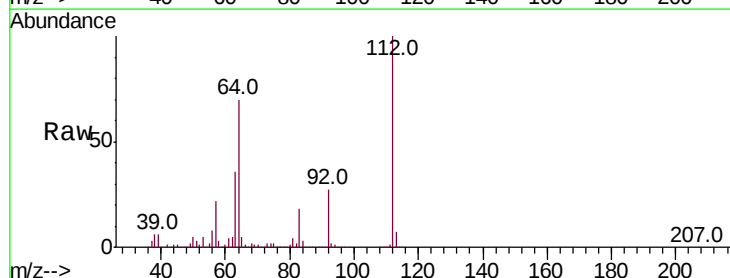
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



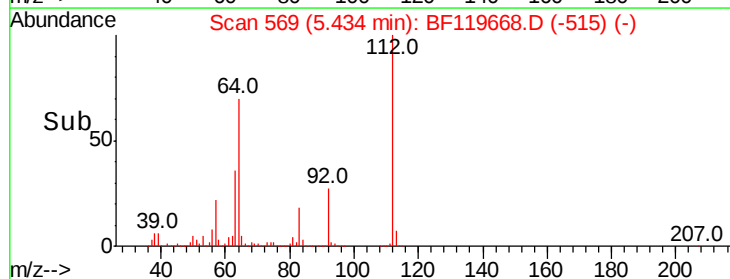
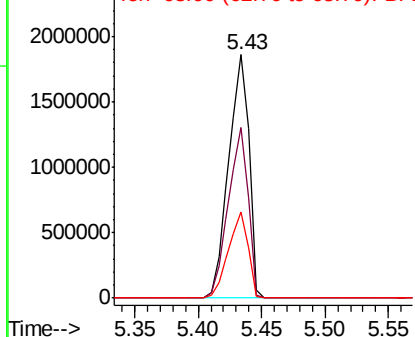
#5

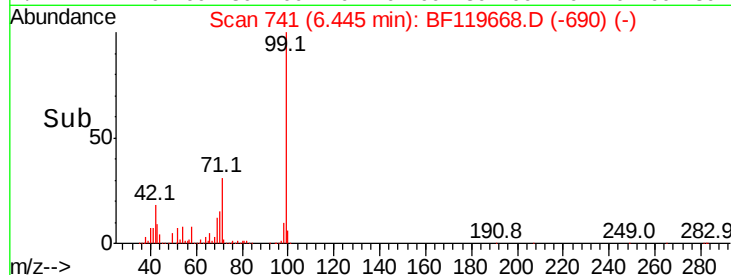
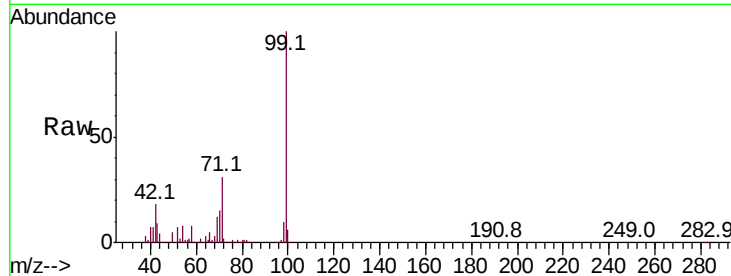
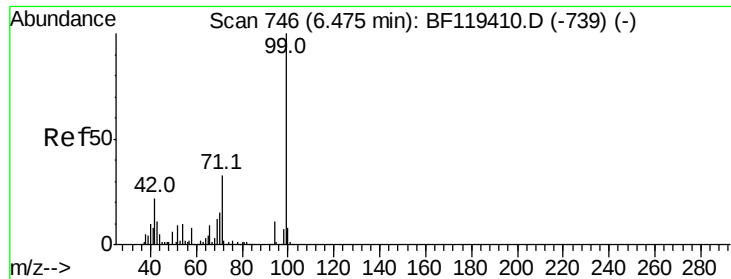
2-Fluorophenol
Concen: 126.308 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF119668.D
Acq: 1 Apr 2020 12:19

Tgt Ion:112 Resp: 2052593
Ion Ratio Lower Upper
112 100
64 69.9 56.7 85.1
63 35.6 29.5 44.3



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: 123.643 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119668.D

Acq: 1 Apr 2020 12:19

Instrument :

BNA_F

ClientSampleId :

PB127920TB

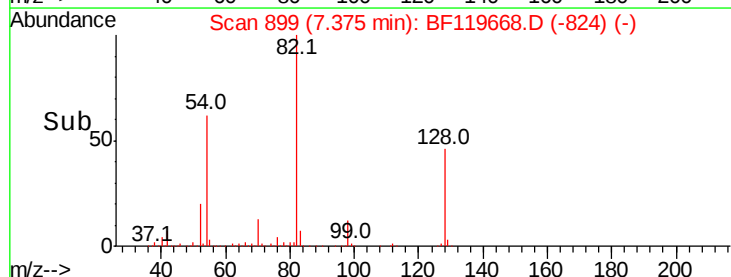
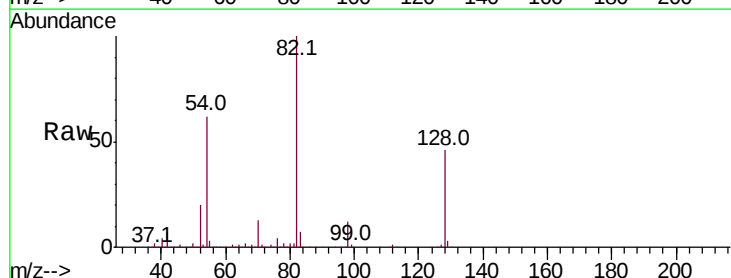
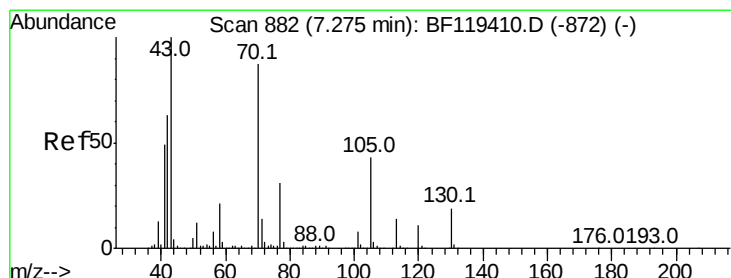
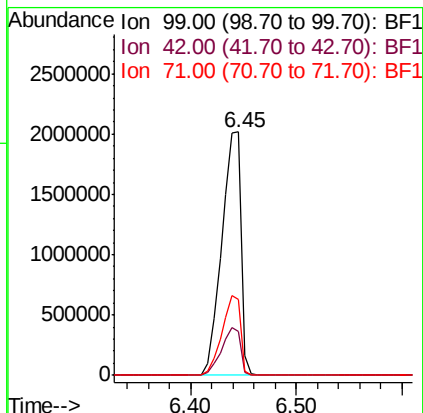
Tot Ion: 99 Resp: 2566716

Ion Ratio Lower Upper

99 100

42 18.2 16.6 24.8

71 31.1 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.770 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF119668.D

Acq: 1 Apr 2020 12:19

Tgt Ion: 70 Resp: 209840

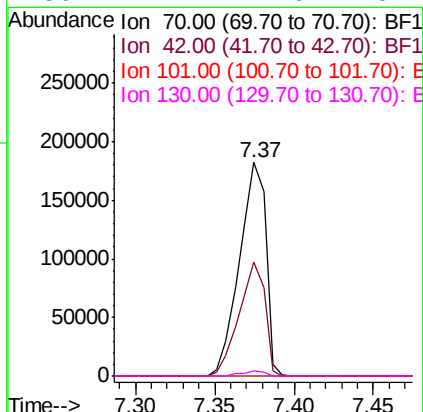
Ion Ratio Lower Upper

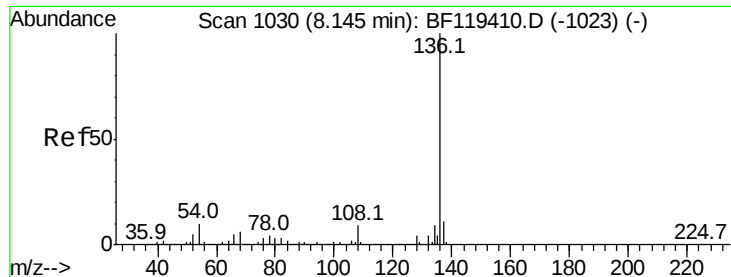
70 100

42 53.3 54.5 81.7#

101 0.0 7.6 11.4#

130 2.4 17.6 26.4#

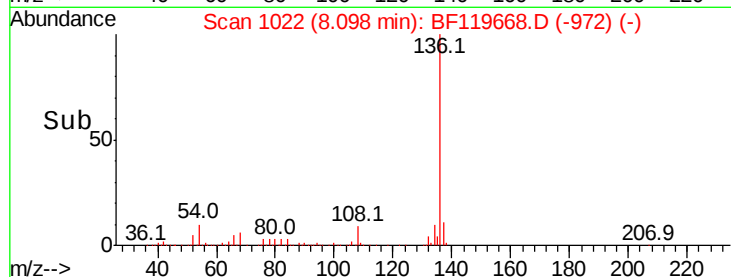
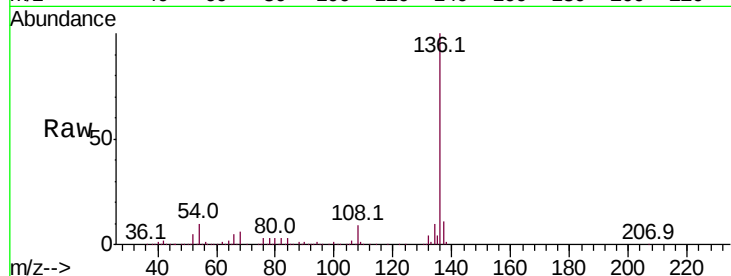




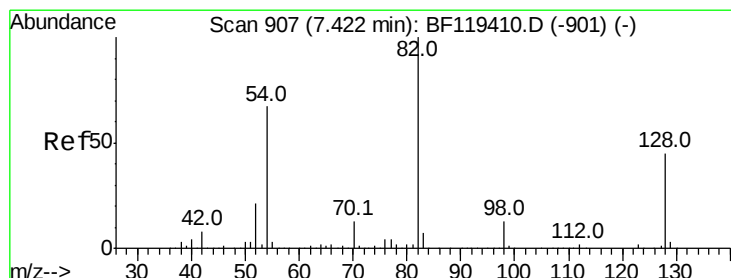
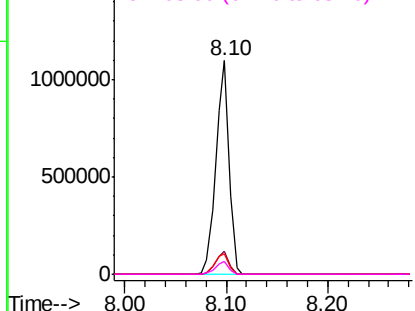
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119668.D
Acq: 1 Apr 2020 12:19

Instrument :
BNA_F
ClientSampleId :
PB127920TB

Tot Ion:136	Resp: 989700
Ion Ratio	Lower Upper
136 100	
137 11.1	8.7 13.1
54 9.6	9.1 13.7
68 5.8	4.6 6.8

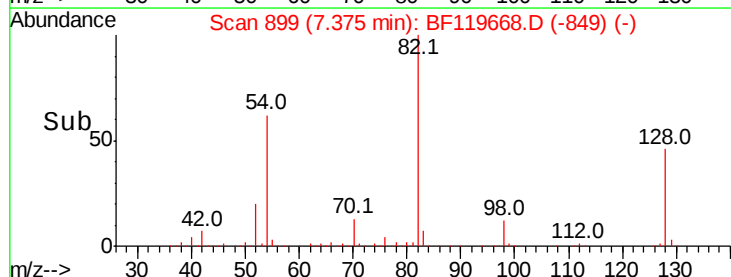
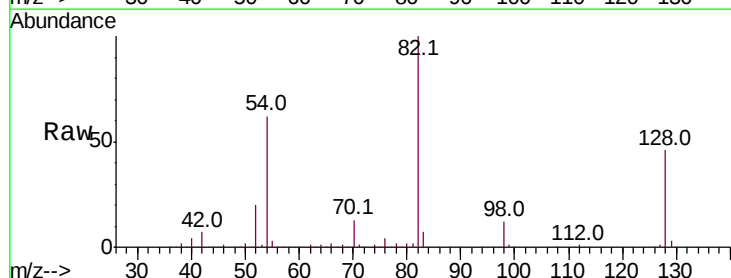


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

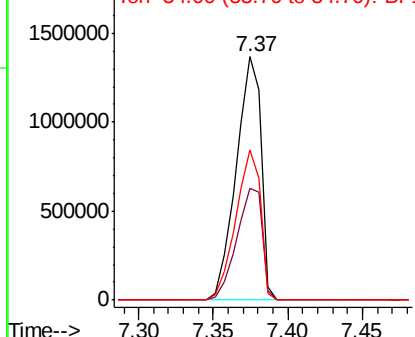


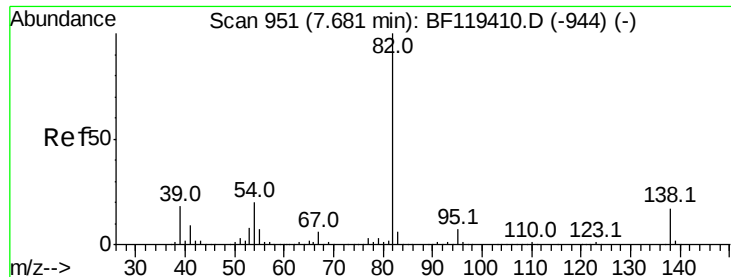
#23
Nitrobenzene-d5
Concen: 87.585 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF119668.D
Acq: 1 Apr 2020 12:19

Tgt Ion: 82	Resp: 1594962
Ion Ratio	Lower Upper
82 100	
128 46.1	36.3 54.5
54 61.8	50.6 75.8



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: 43.089 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF119668.D

Acq: 1 Apr 2020 12:19

Instrument :

BNA_F

ClientSampleId :

PB127920TB

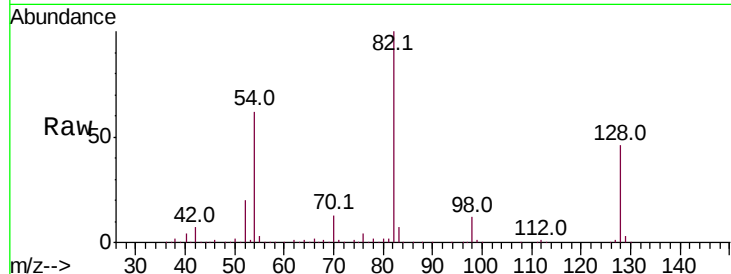
Tot Ion: 82 Resp: 1591736

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

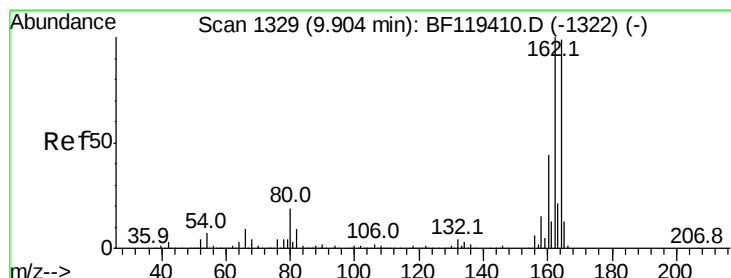
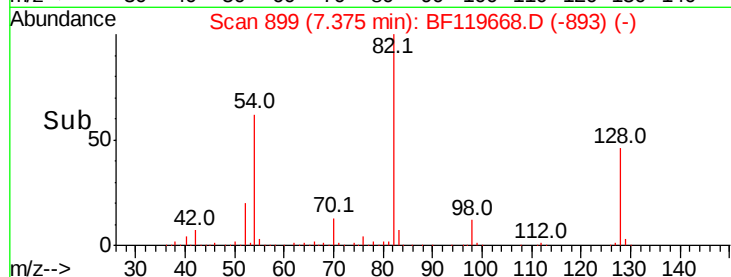
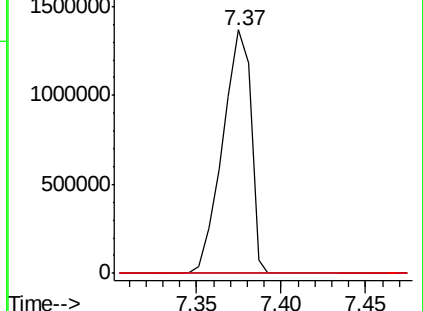
138 0.0 14.6 21.8#



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: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF119668.D

Acq: 1 Apr 2020 12:19

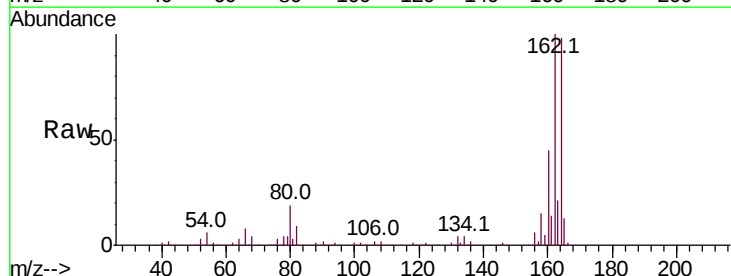
Tgt Ion:164 Resp: 521152

Ion Ratio Lower Upper

164 100

162 101.8 80.6 121.0

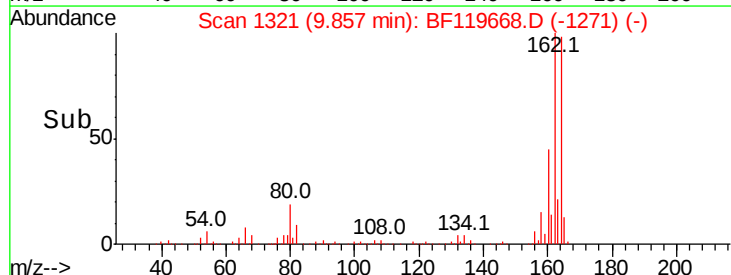
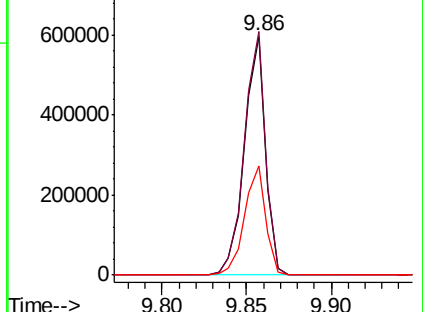
160 45.6 35.7 53.5

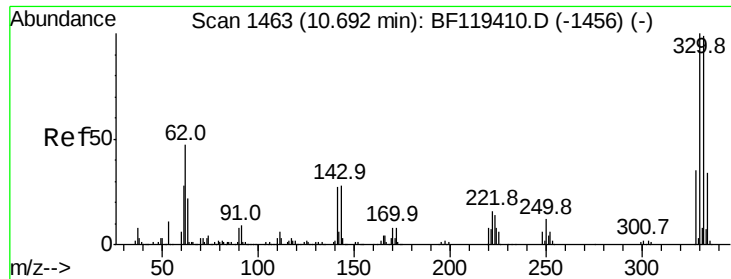


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 139.959 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.00 min

Lab File: BF119668.D

Acq: 1 Apr 2020 12:19

Instrument :

BNA_F

ClientSampleId :

PB127920TB

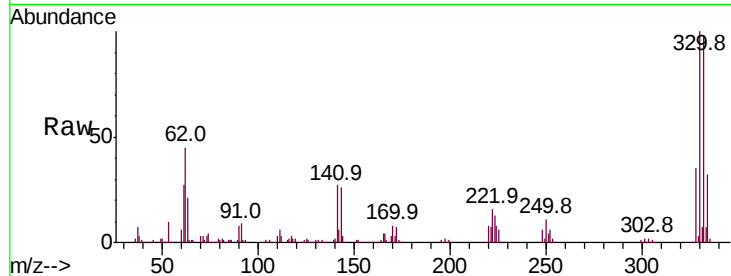
Tot Ion:330 Resp: 752495

Ion Ratio Lower Upper

330 100

332 97.0 75.7 113.5

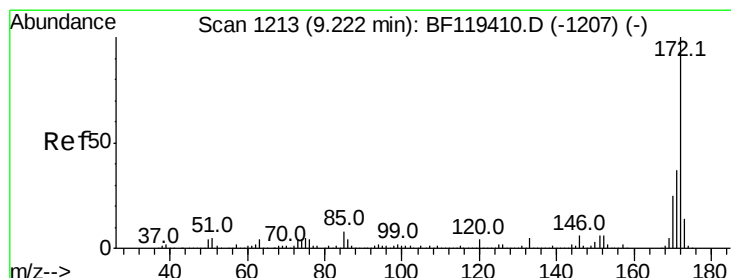
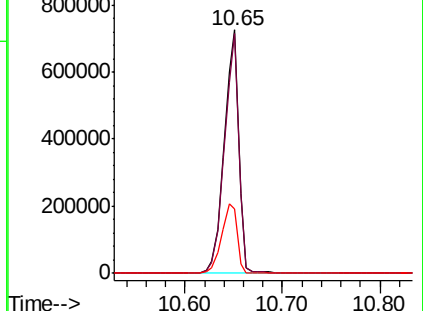
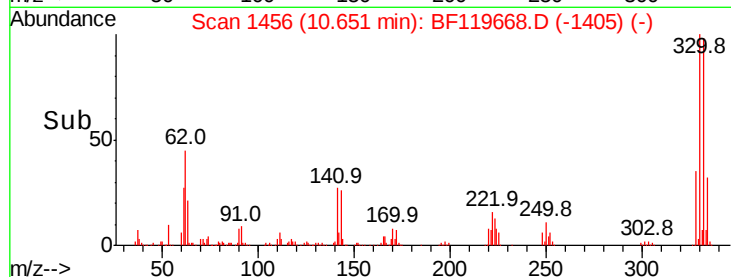
141 30.6 25.4 38.0



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: 82.004 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF119668.D

Acq: 1 Apr 2020 12:19

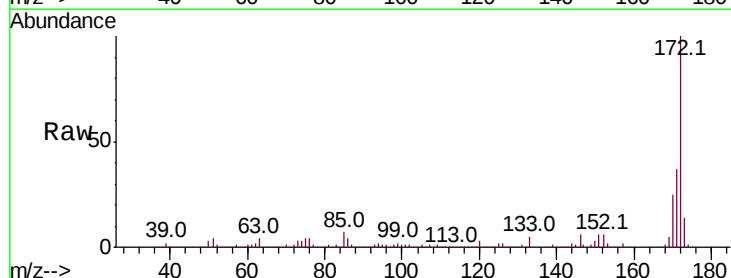
Tgt Ion:172 Resp: 2884751

Ion Ratio Lower Upper

172 100

171 37.3 29.6 44.4

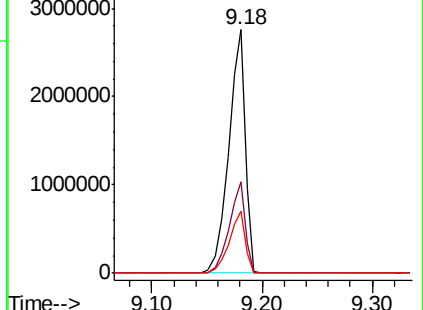
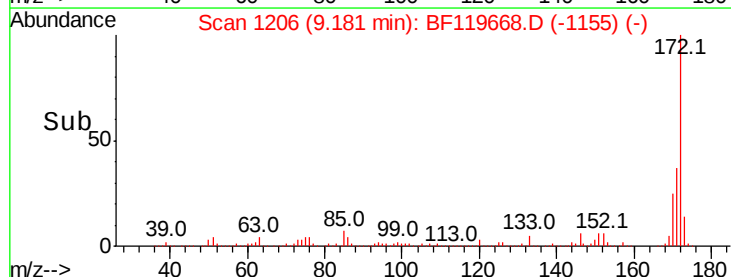
170 25.2 20.2 30.2

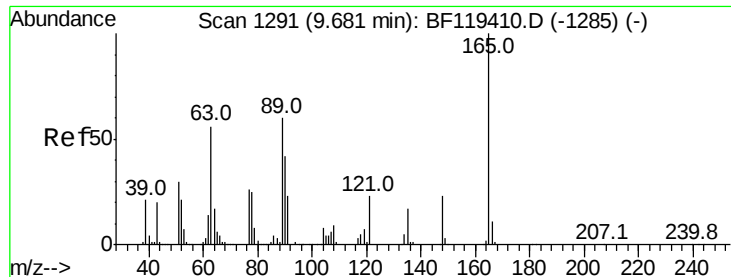


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

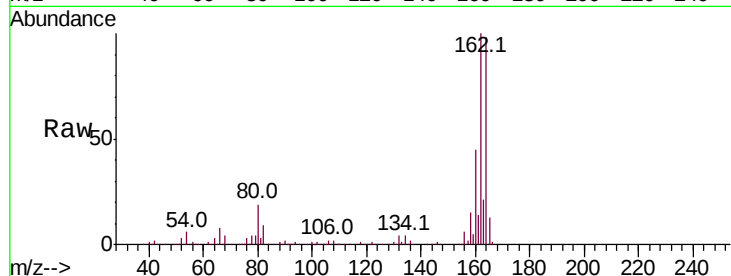




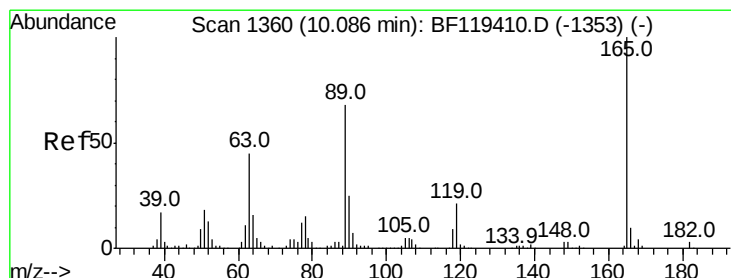
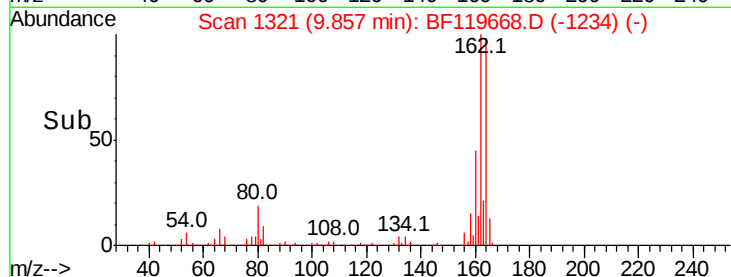
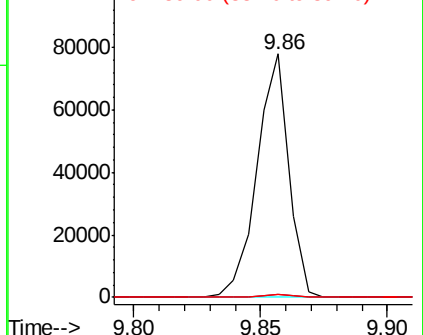
#51
2,6-Dinitrotoluene
Concen: 8.548 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.21 min
Lab File: BF119668.D
Acq: 1 Apr 2020 12:19

Instrument :
BNA_F
ClientSampleId :
PB127920TB

Tot Ion:165 Resp: 67827
Ion Ratio Lower Upper
165 100
63 1.4 45.0 67.4#
89 1.3 41.5 62.3#

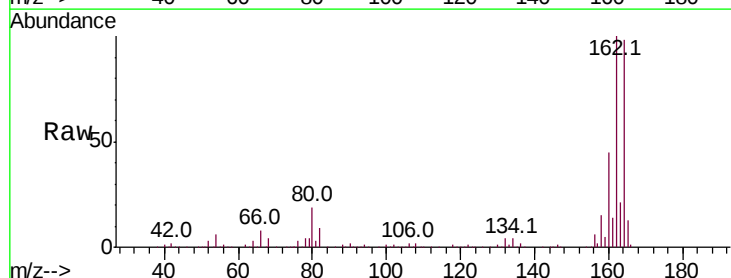


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

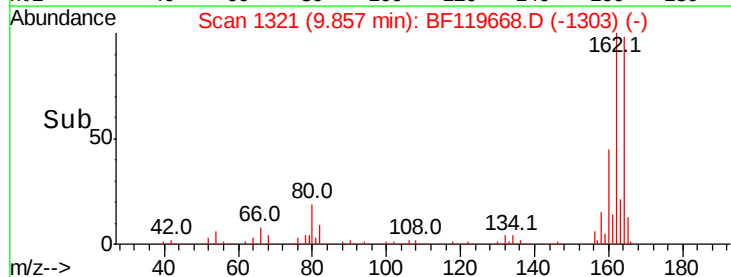
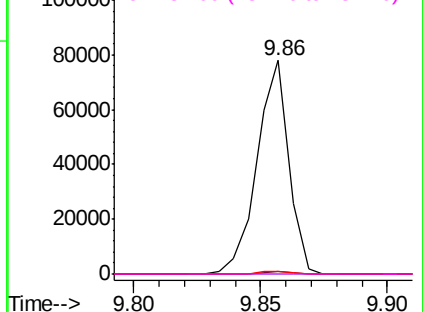


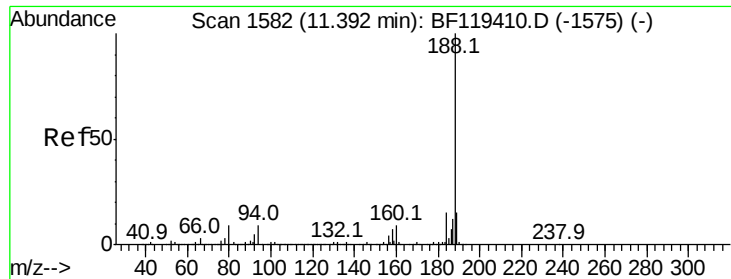
#57
2,4-Dinitrotoluene
Concen: 6.786 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.19 min
Lab File: BF119668.D
Acq: 1 Apr 2020 12:19

Tgt Ion:165 Resp: 67827
Ion Ratio Lower Upper
165 100
63 1.4 42.6 64.0#
89 1.3 61.0 91.4#
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: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF119668.D

Acq: 1 Apr 2020 12:19

Instrument :

BNA_F

ClientSampleId :

PB127920TB

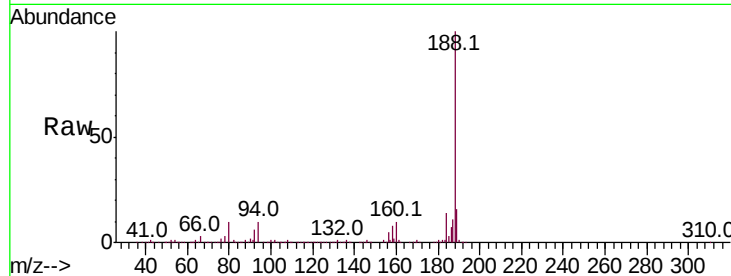
Tot Ion:188 Resp: 1039294

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

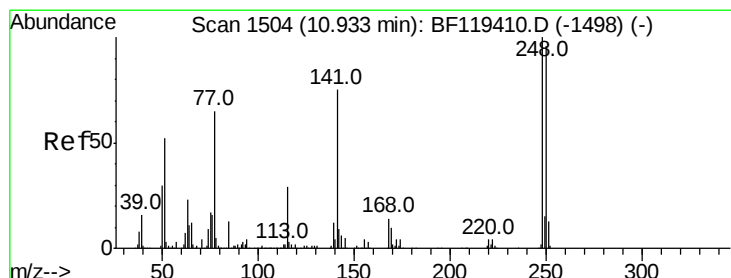
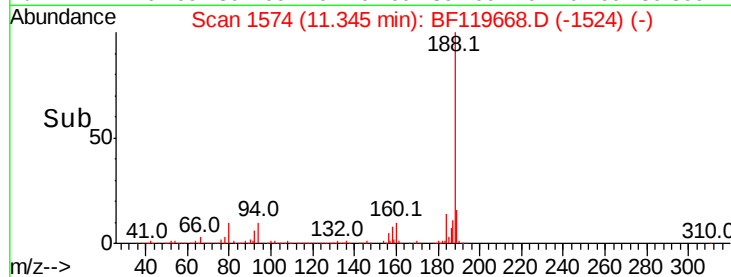
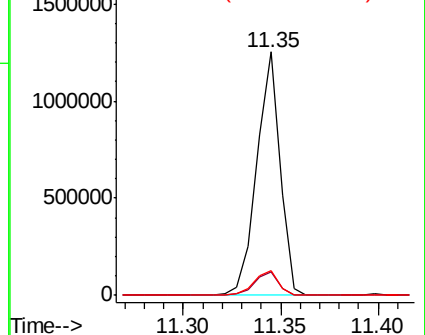
80 10.0 9.0 13.4



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: 3.878 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.24 min

Lab File: BF119668.D

Acq: 1 Apr 2020 12:19

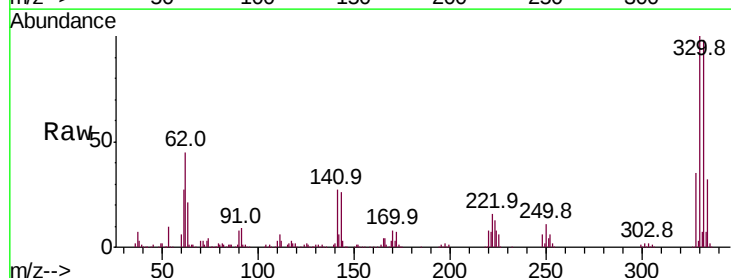
Tgt Ion:248 Resp: 45906

Ion Ratio Lower Upper

248 100

250 190.5 77.3 115.9#

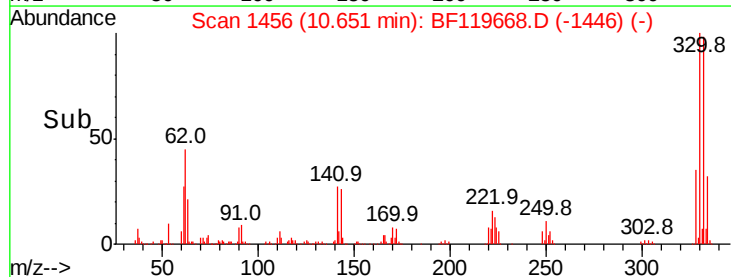
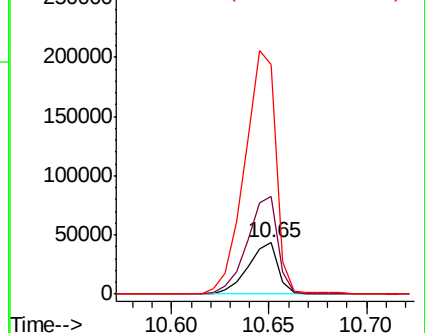
141 446.9 58.6 87.8#

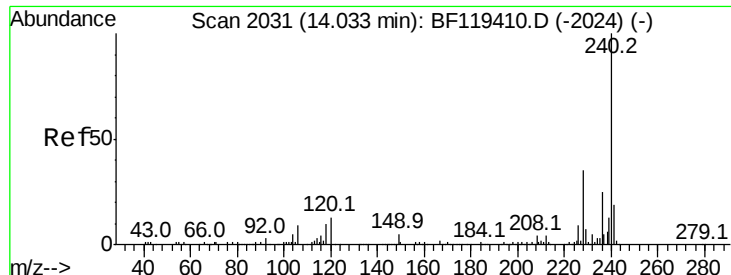


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

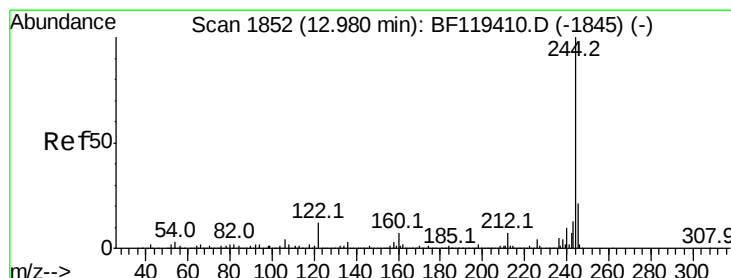
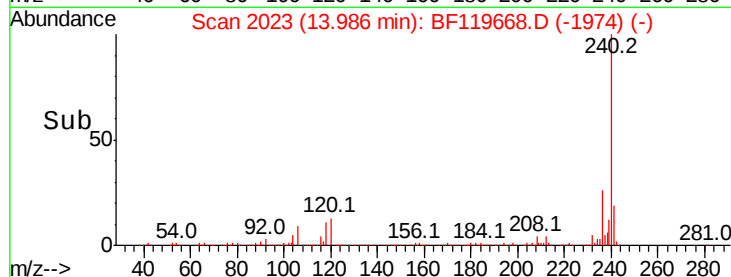
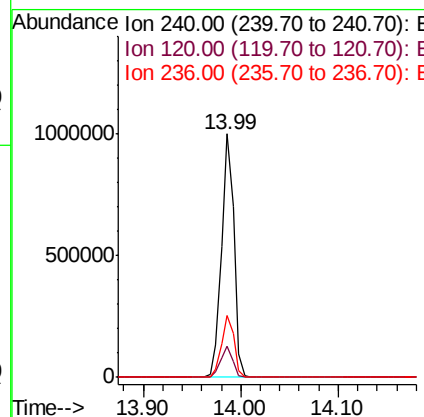
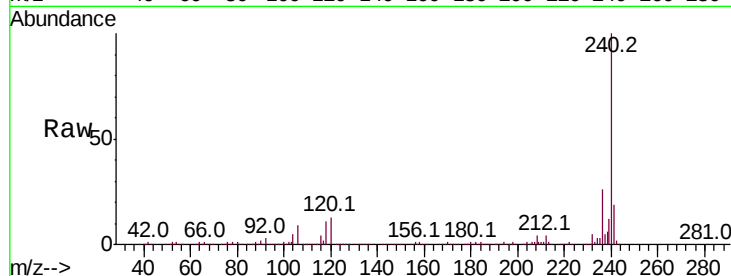




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF119668.D
 Acq: 1 Apr 2020 12:19

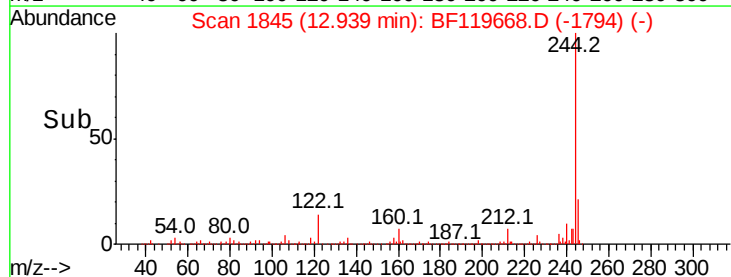
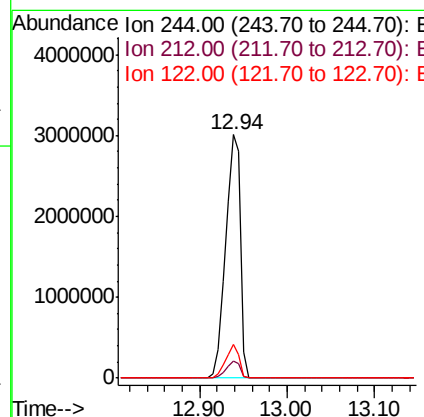
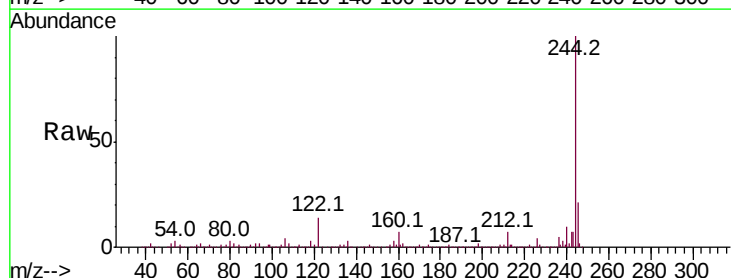
Instrument :
 BNA_F
 ClientSampleId :
 PB127920TB

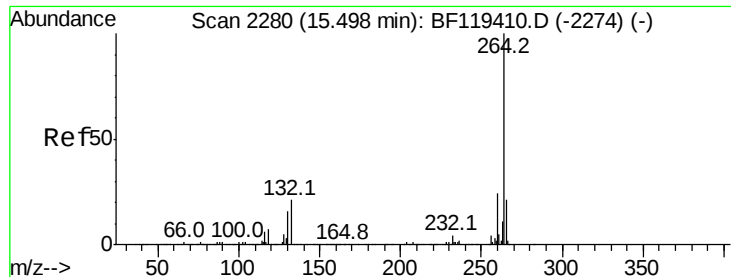
Tot Ion:240 Resp: 883363
 Ion Ratio Lower Upper
 240 100
 120 12.7 10.6 15.8
 236 25.5 20.2 30.2



#79
 Terphenyl-d14
 Concen: 78.106 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF119668.D
 Acq: 1 Apr 2020 12:19

Tgt Ion:244 Resp: 3521629
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 13.8 10.3 15.5

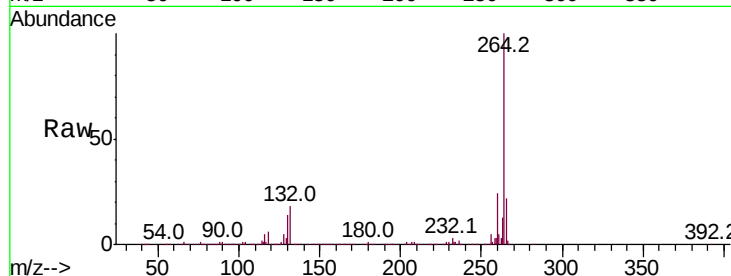




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BF119668.D
 Acq: 1 Apr 2020 12:19

Instrument :
 BNA_F
 ClientSampleId :
 PB127920TB

Tot Ion: 264 Resp: 928809
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 21.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 1000000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

