

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119506.D
 Acq On : 25 Mar 2020 15:40
 Operator : CG/JU
 Sample : PB127810BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127810BL

Quant Time: Mar 25 17:35:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 14:07:20 2020
 Response via : Initial Calibration

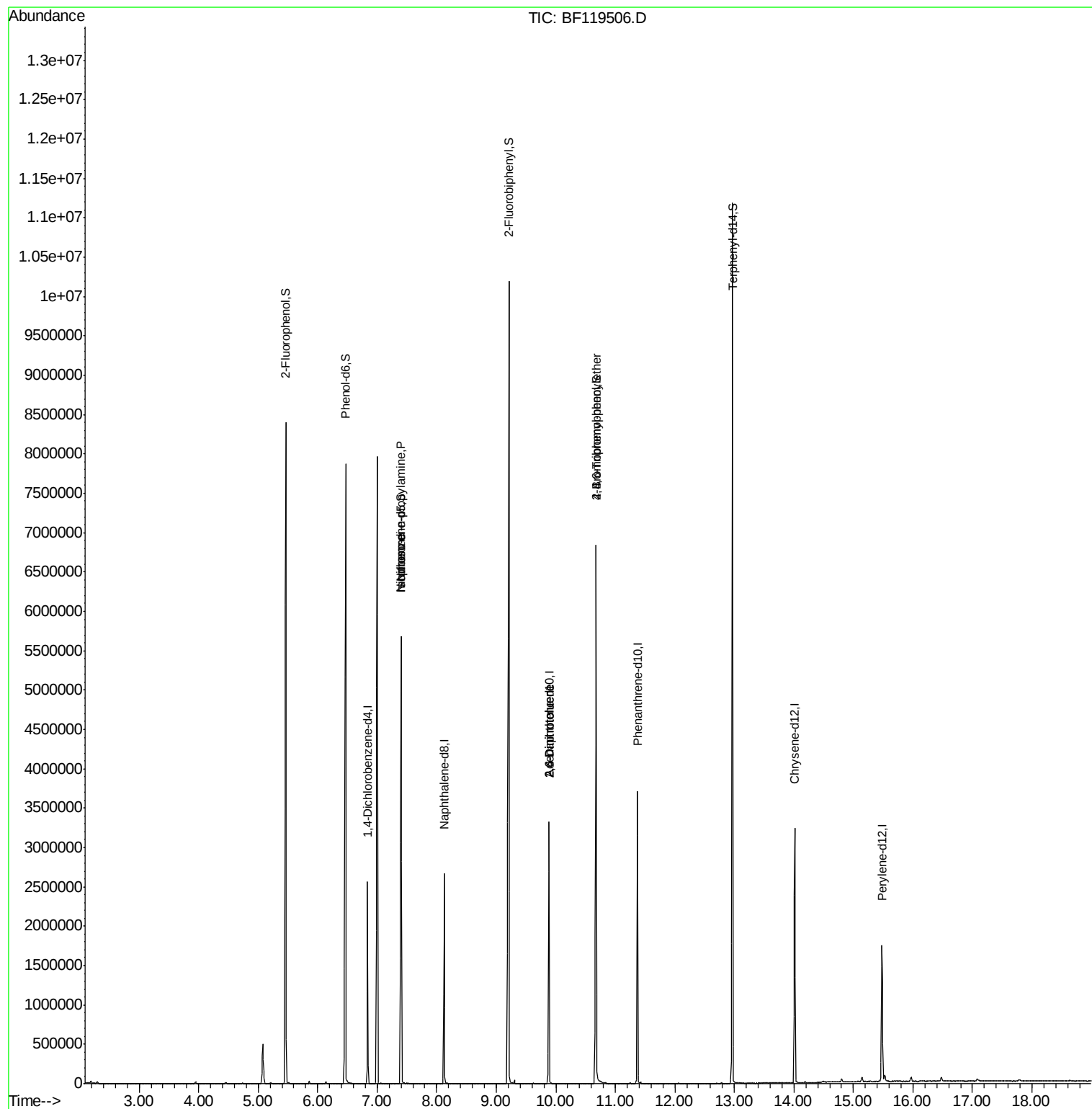
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	339262	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1312222	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	708041	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1393448	20.00	ng	0.00
76) Chrysene-d12	14.02	240	1070448	20.00	ng	-0.01
87) Perylene-d12	15.48	264	840754	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2538844	119.13	ng	0.01
7) Phenol-d6	6.47	99	3162768	116.17	ng	0.00
23) Nitrobenzene-d5	7.40	82	2066527	85.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	1012015	138.54	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3892604	81.45	ng	0.00
79) Terphenyl-d14	12.97	244	4621545	84.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	278666	16.982	ng	# 71
25) Isophorone	7.40	82	2011022	41.059	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	90963	8.438	ng	# 18
57) 2,4-Dinitrotoluene	9.89	165	90963	6.698	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	61253	3.860	ng	# 1

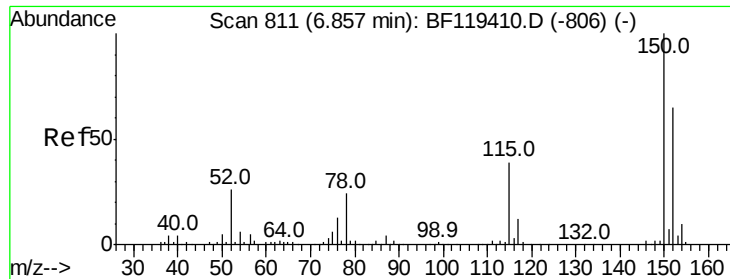
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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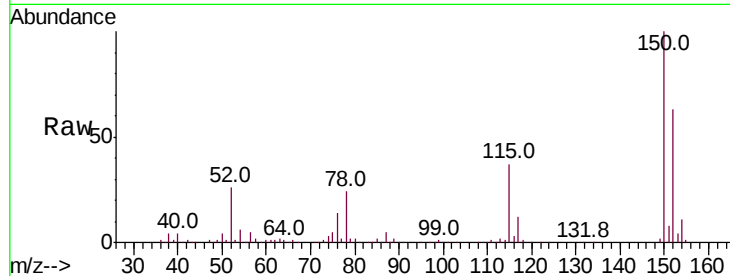


#1

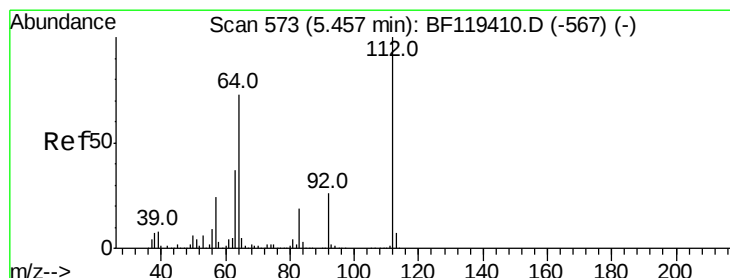
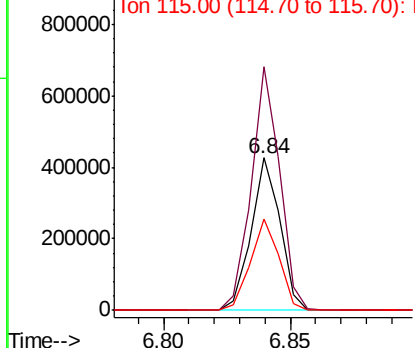
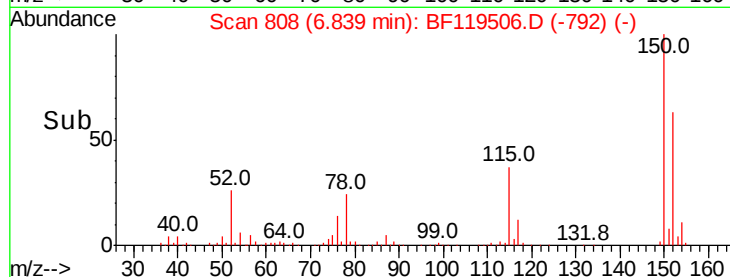
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF119506.D
Acq: 25 Mar 2020 15:40

Instrument :
BNA_F
ClientSampleId :
PB127810BL

Tot Ion:152 Resp: 339262
Ion Ratio Lower Upper
152 100
150 159.9 123.9 185.9
115 59.6 47.8 71.6



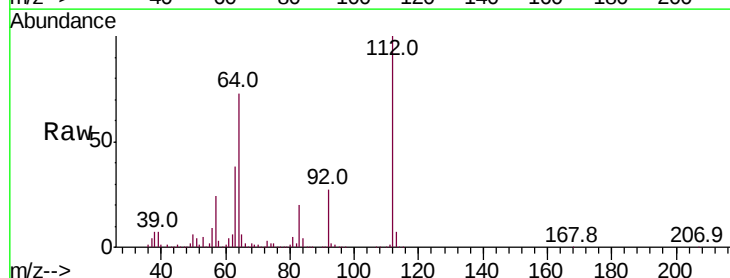
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



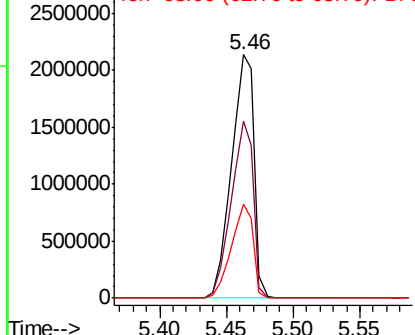
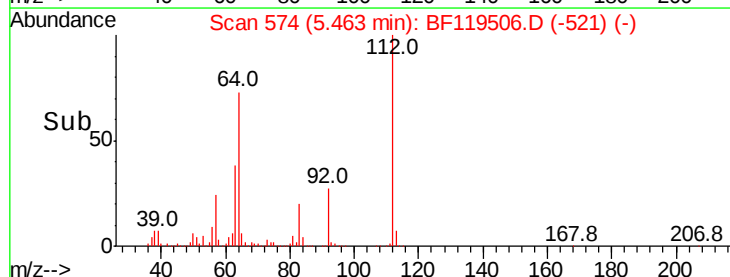
#5

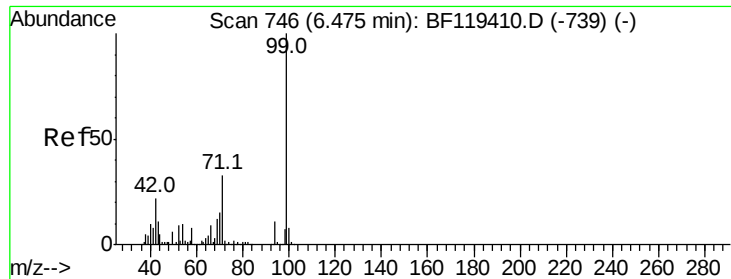
2-Fluorophenol
Concen: 119.129 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF119506.D
Acq: 25 Mar 2020 15:40

Tgt Ion:112 Resp: 2538844
Ion Ratio Lower Upper
112 100
64 72.6 58.1 87.1
63 38.3 29.7 44.5



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: 116.175 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119506.D

Acq: 25 Mar 2020 15:40

Instrument :

BNA_F

ClientSampleId :

PB127810BL

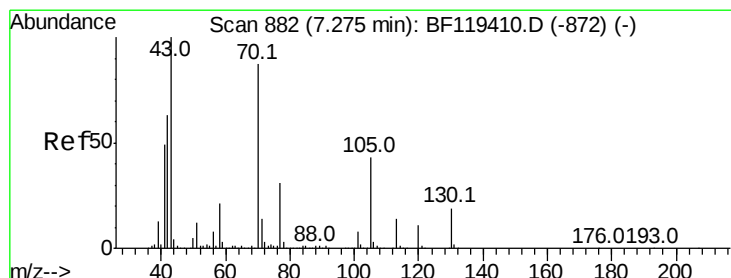
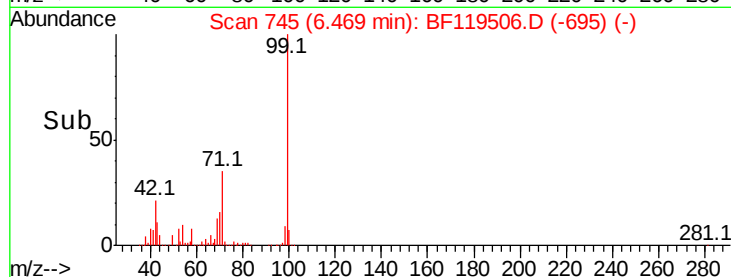
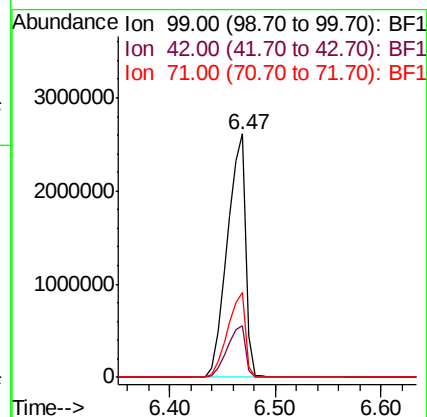
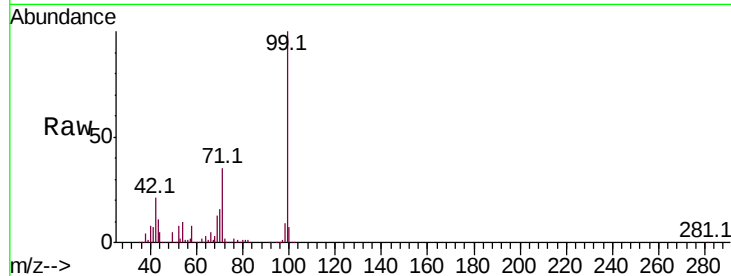
Tot Ion: 99 Resp: 3162768

Ion Ratio Lower Upper

99 100

42 21.0 17.8 26.6

71 34.8 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.982 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF119506.D

Acq: 25 Mar 2020 15:40

Tgt Ion: 70 Resp: 278666

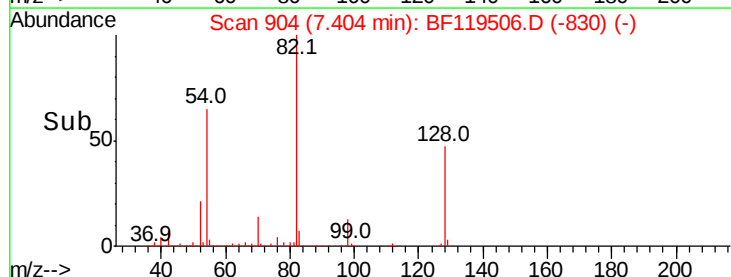
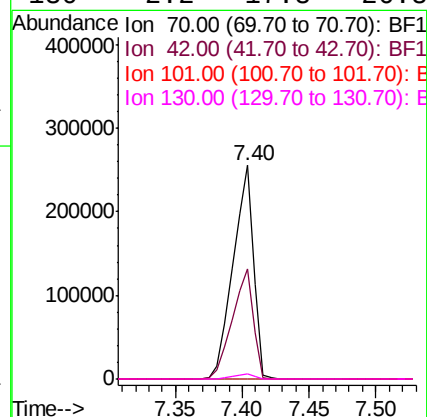
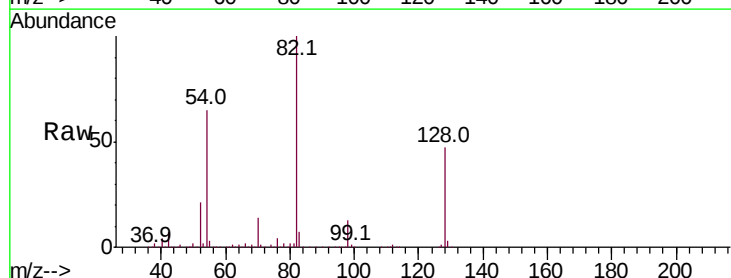
Ion Ratio Lower Upper

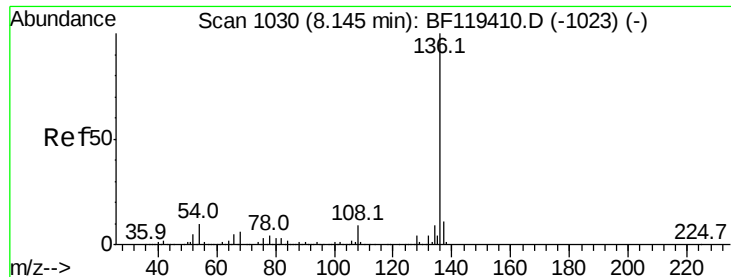
70 100

42 51.4 58.2 87.4#

101 0.0 7.4 11.2#

130 2.2 17.8 26.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF119506.D

Acq: 25 Mar 2020 15:40

Instrument :

BNA_F

ClientSampleId :

PB127810BL

Tot Ion:136 Resp: 1312222

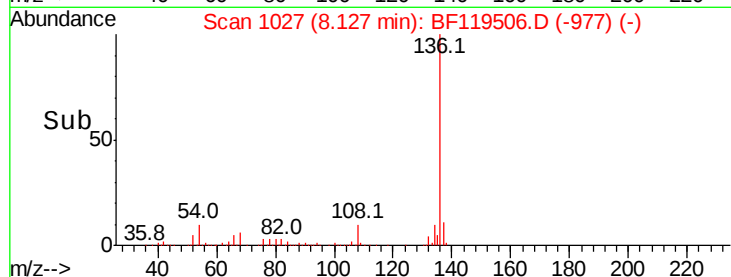
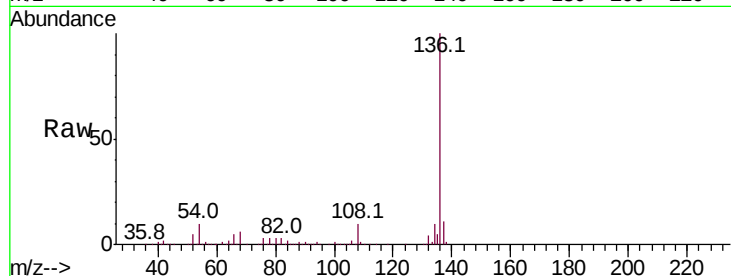
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 10.1 8.3 12.5

68 5.9 4.9 7.3

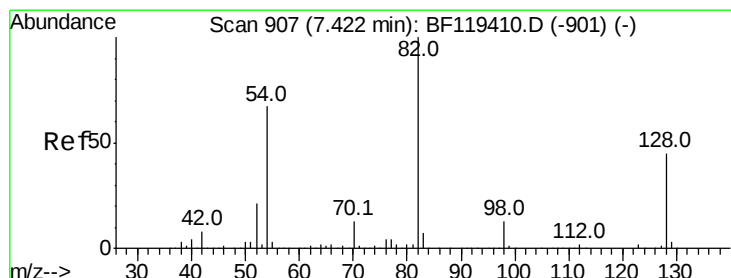
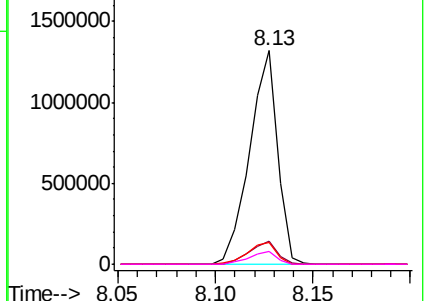


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.589 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF119506.D

Acq: 25 Mar 2020 15:40

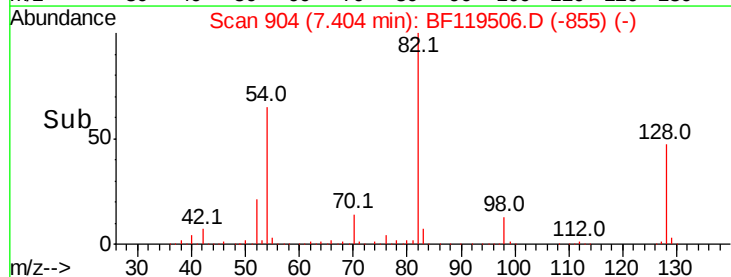
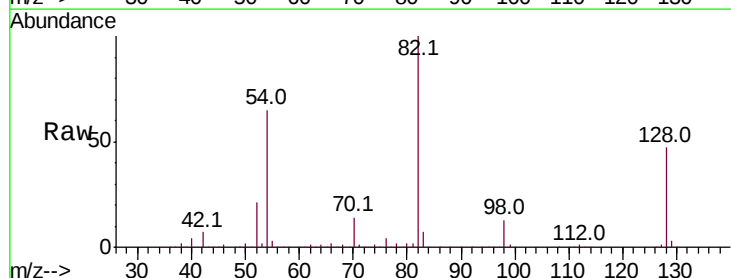
Tgt Ion: 82 Resp: 2066527

Ion Ratio Lower Upper

82 100

128 46.7 35.8 53.8

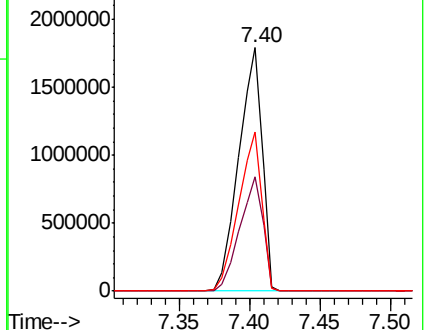
54 65.5 53.4 80.0

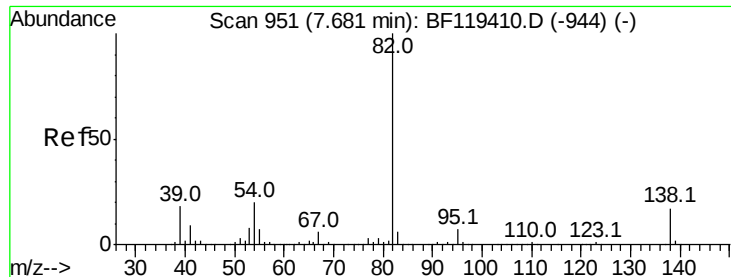


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.059 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF119506.D

Acq: 25 Mar 2020 15:40

Instrument :

BNA_F

ClientSampleId :

PB127810BL

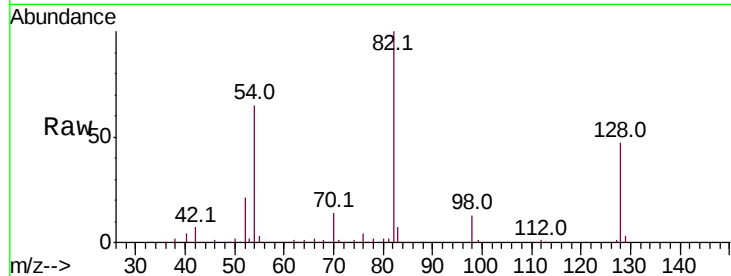
Tot Ion: 82 Resp: 2011022

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

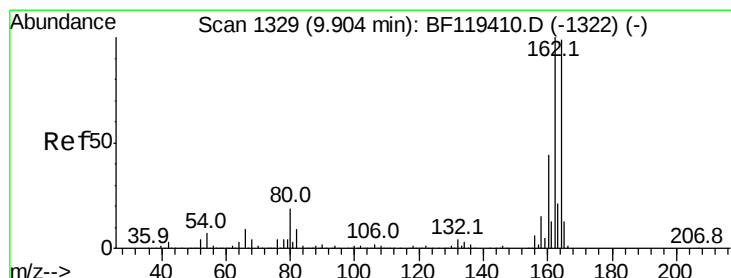
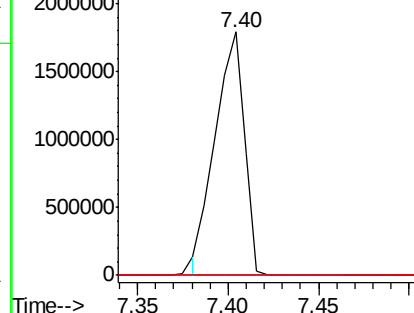
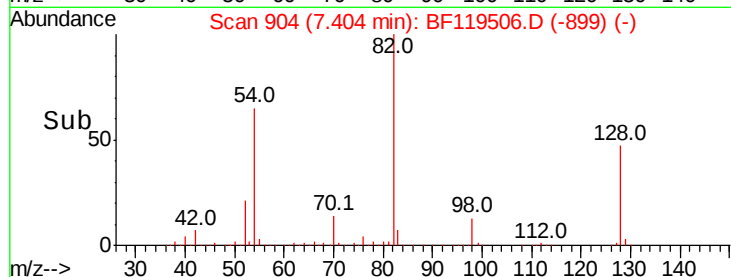
138 0.0 13.8 20.8#



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: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF119506.D

Acq: 25 Mar 2020 15:40

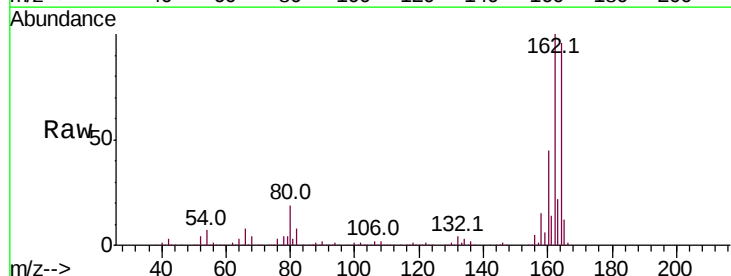
Tgt Ion:164 Resp: 708041

Ion Ratio Lower Upper

164 100

162 103.7 80.7 121.1

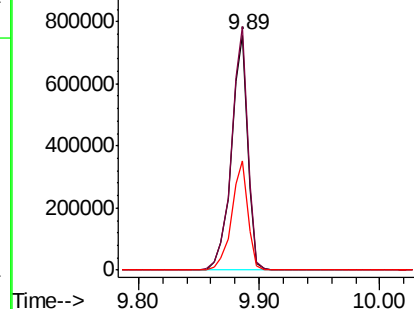
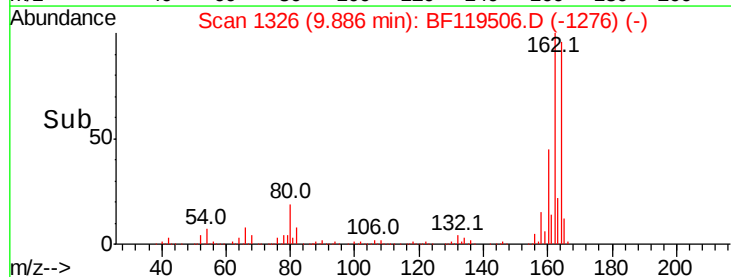
160 46.5 35.5 53.3

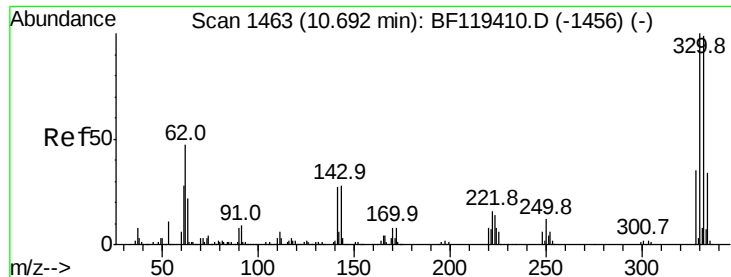


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

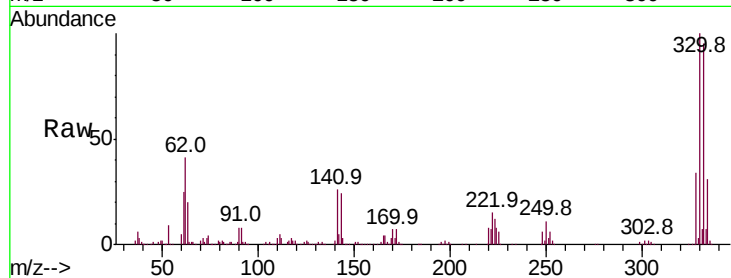




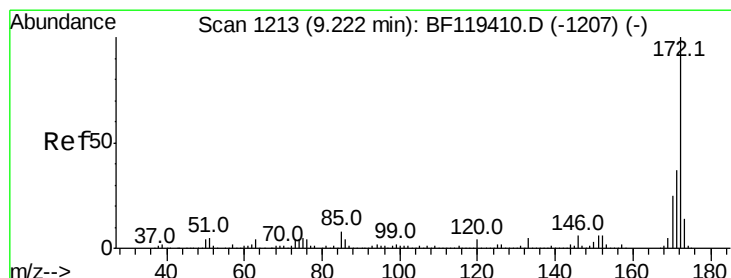
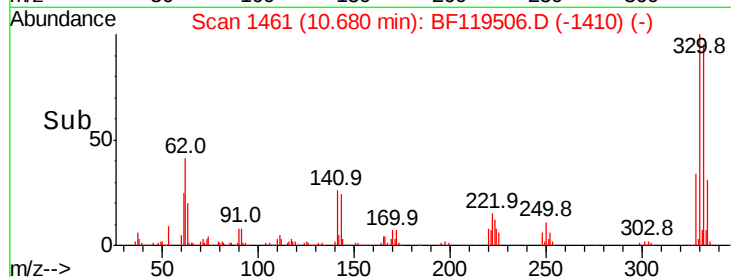
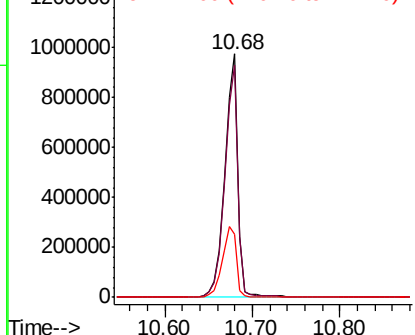
#42
 2,4,6-Tribromophenol
 Concen: 138.545 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF119506.D
 Acq: 25 Mar 2020 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB127810BL

Tot Ion:330 Resp: 1012015
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.6 116.4
 141 31.6 26.6 40.0

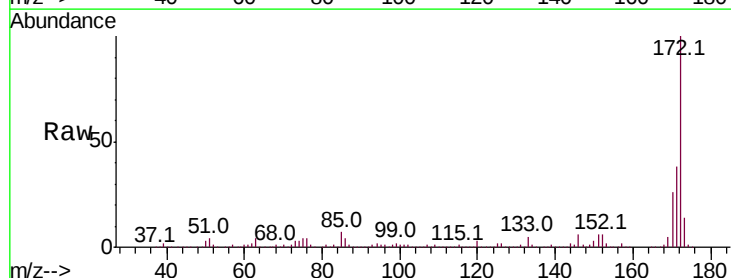


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

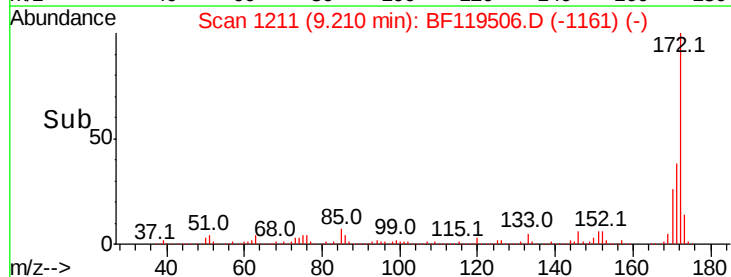
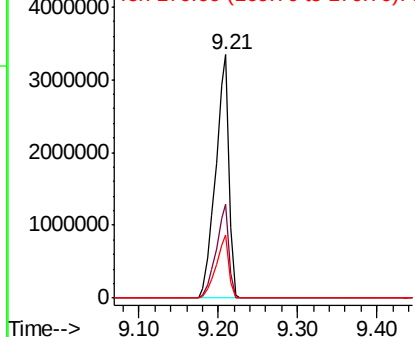


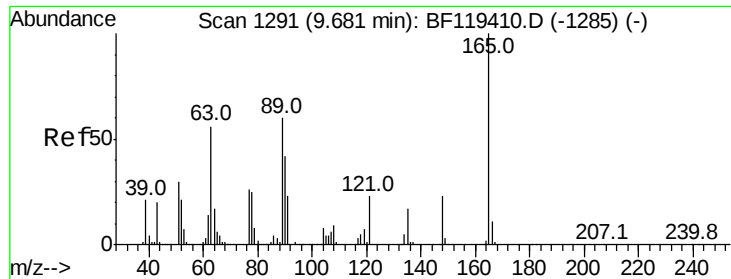
#45
 2-Fluorobiphenyl
 Concen: 81.447 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF119506.D
 Acq: 25 Mar 2020 15:40

Tgt Ion:172 Resp: 3892604
 Ion Ratio Lower Upper
 172 100
 171 38.4 29.9 44.9
 170 25.7 20.1 30.1



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

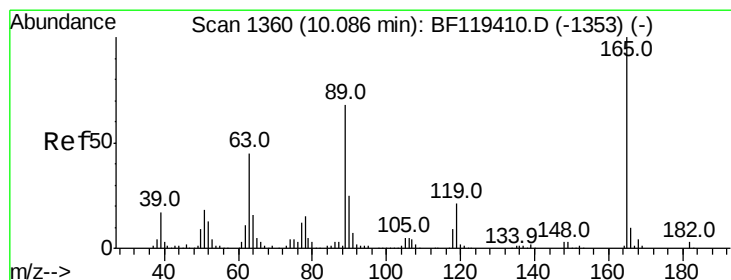
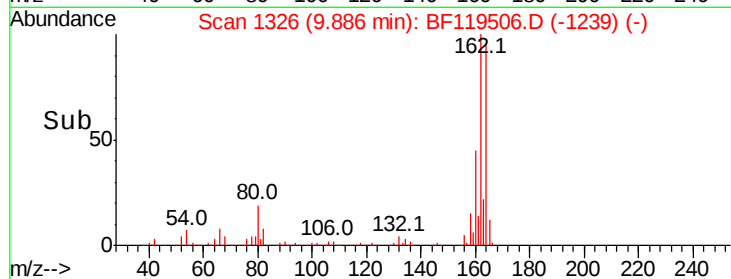
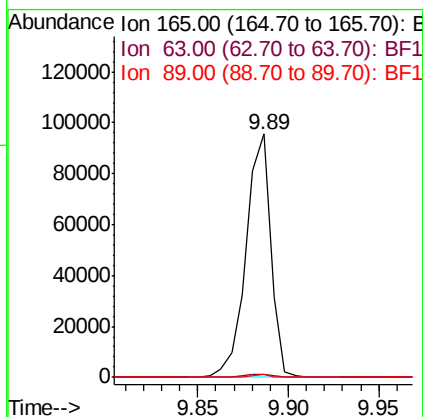
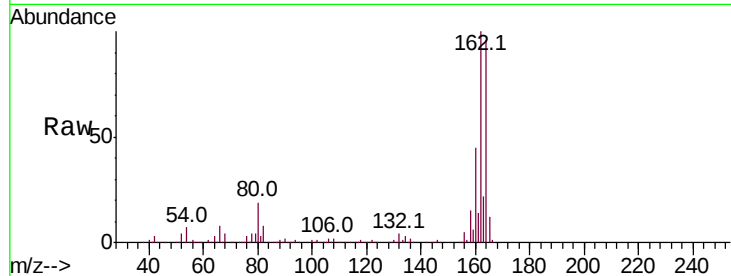




#51
 2,6-Dinitrotoluene
 Concen: 8.438 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF119506.D
 Acq: 25 Mar 2020 15:40

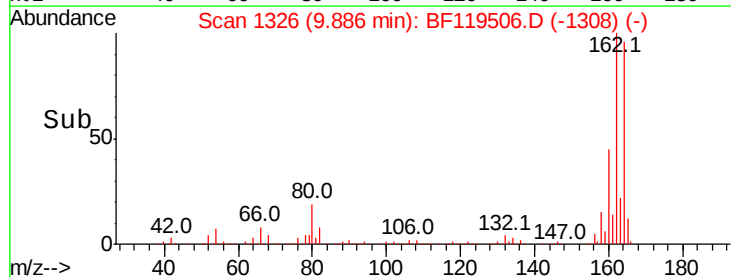
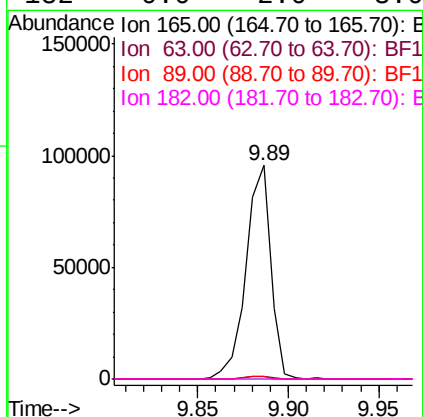
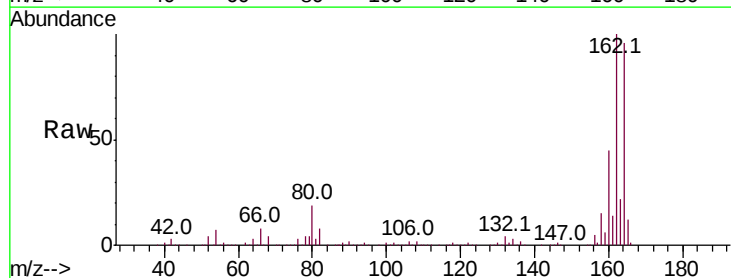
Instrument :
 BNA_F
 ClientSampleId :
 PB127810BL

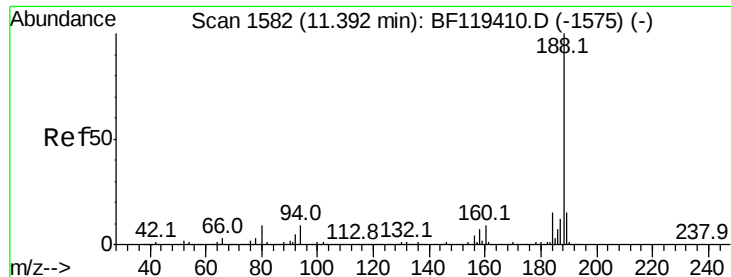
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	57.3	85.9#
89	1.1	47.8	71.8#



#57
 2,4-Dinitrotoluene
 Concen: 6.698 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.19 min
 Lab File: BF119506.D
 Acq: 25 Mar 2020 15:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.2	54.4#
89	1.1	54.3	81.5#
182	0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF119506.D

Acq: 25 Mar 2020 15:40

Instrument :

BNA_F

ClientSampleId :

PB127810BL

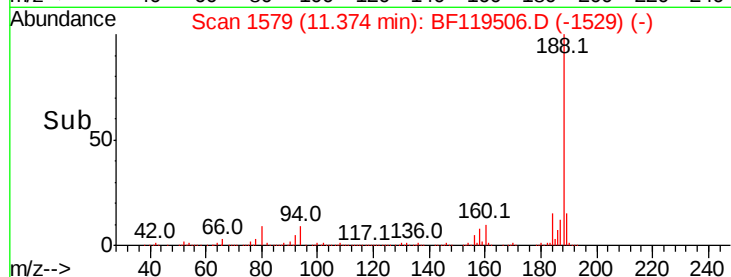
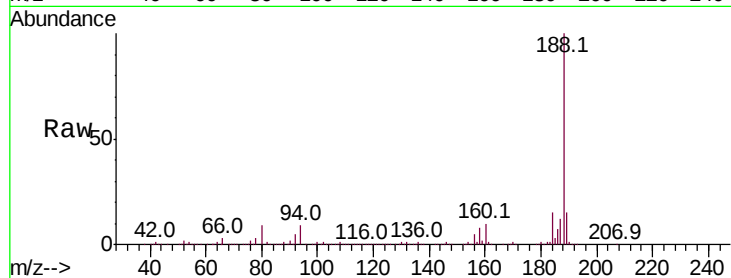
Tot Ion:188 Resp: 1393448

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

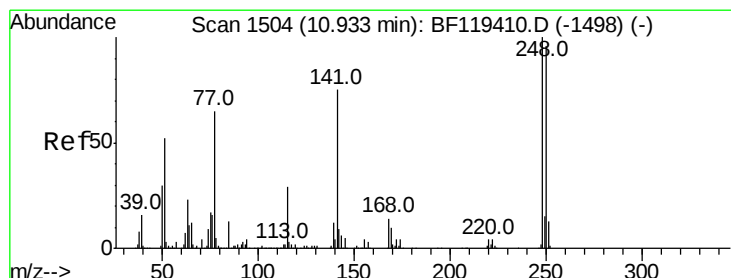
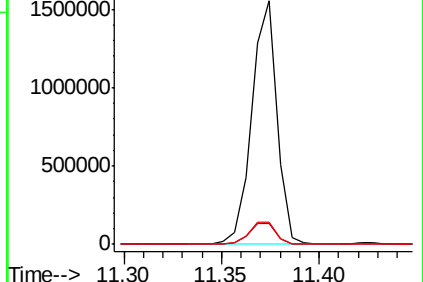
80 9.3 7.5 11.3



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: 3.860 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF119506.D

Acq: 25 Mar 2020 15:40

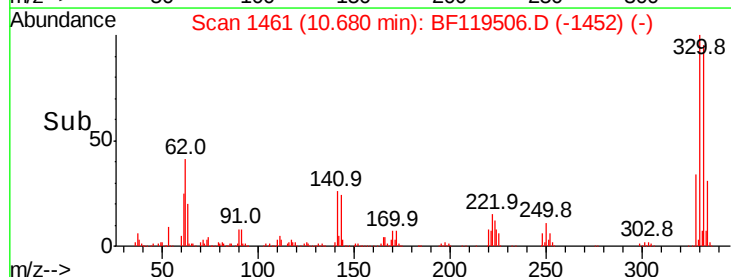
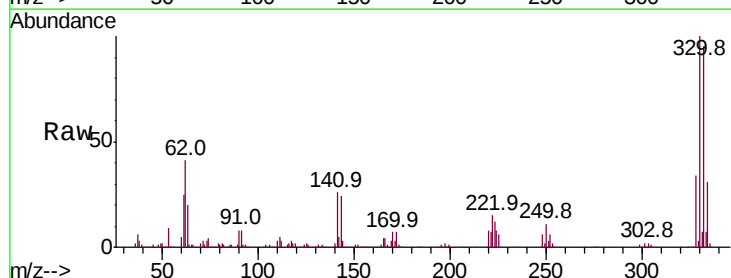
Tgt Ion:248 Resp: 61253

Ion Ratio Lower Upper

248 100

250 200.3 77.0 115.6#

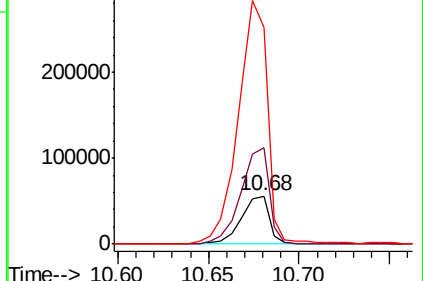
141 453.0 59.7 89.5#

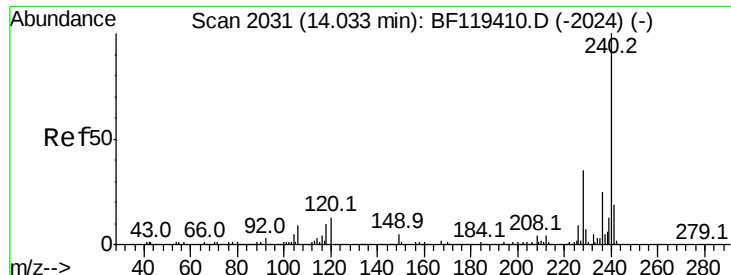


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

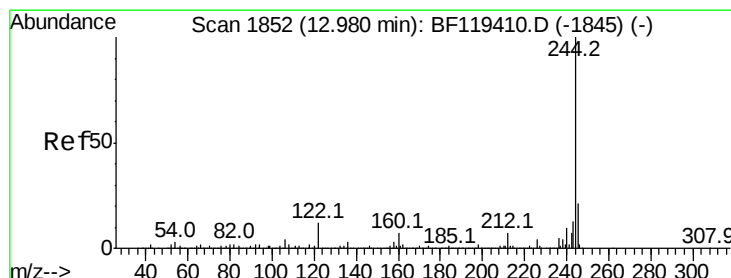
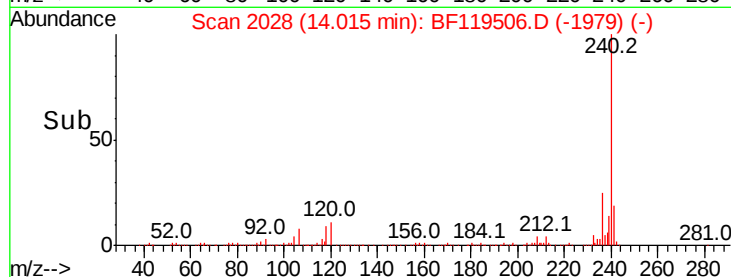
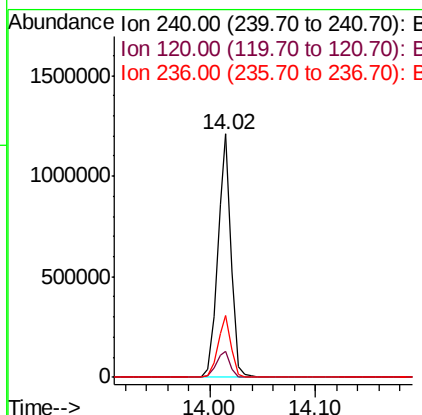
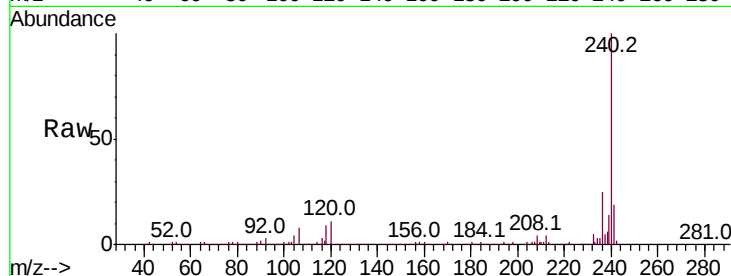




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF119506.D
 Acq: 25 Mar 2020 15:40

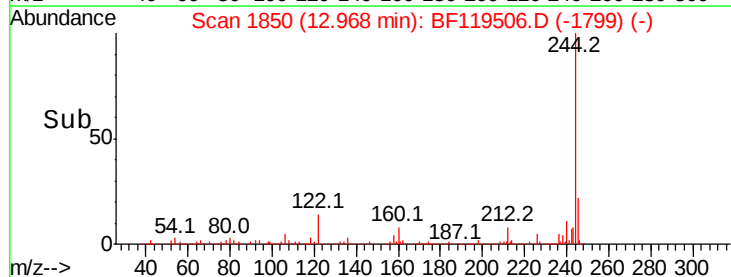
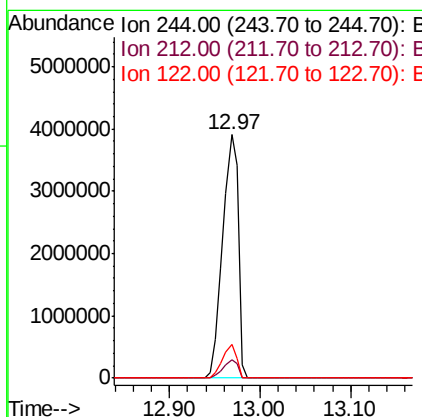
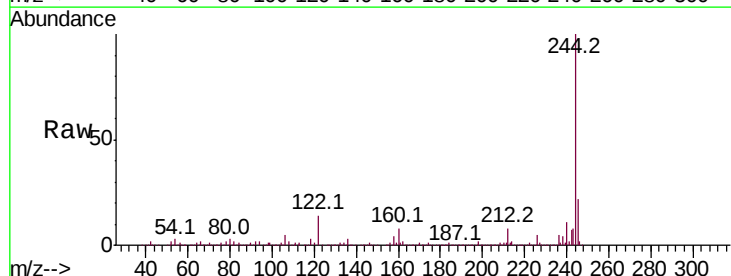
Instrument :
 BNA_F
 ClientSampleId :
 PB127810BL

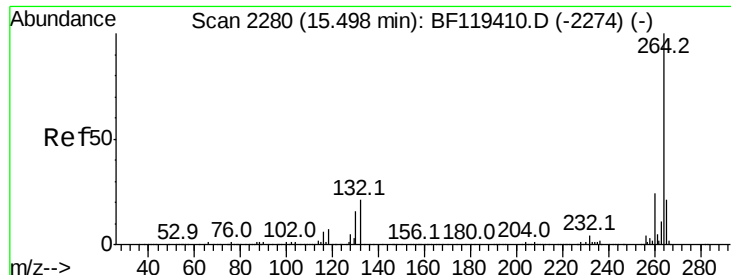
Tot Ion:240 Resp: 1070448
 Ion Ratio Lower Upper
 240 100
 120 10.7 10.2 15.4
 236 25.2 20.4 30.6



#79
 Terphenyl-d14
 Concen: 84.587 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF119506.D
 Acq: 25 Mar 2020 15:40

Tgt Ion:244 Resp: 4621545
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 13.7 9.8 14.8

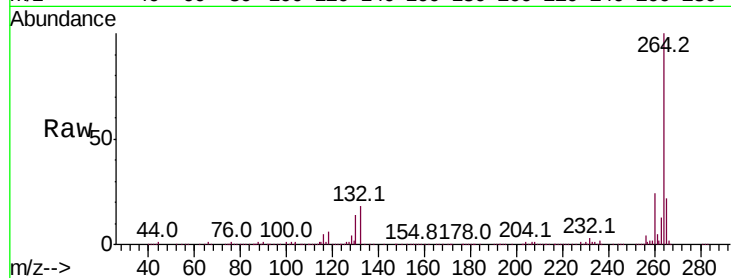




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.01 min
 Lab File: BF119506.D
 Acq: 25 Mar 2020 15:40

Instrument :
 BNA_F
 ClientSampleId :
 PB127810BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.2	16.9	25.3



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

