

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032020\
 Data File : BF119473.D
 Acq On : 20 Mar 2020 15:43
 Operator : CG/JU
 Sample : PB127713BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127713BL

Quant Time: Mar 20 22:52:08 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 18 15:11:18 2020
 Response via : Initial Calibration

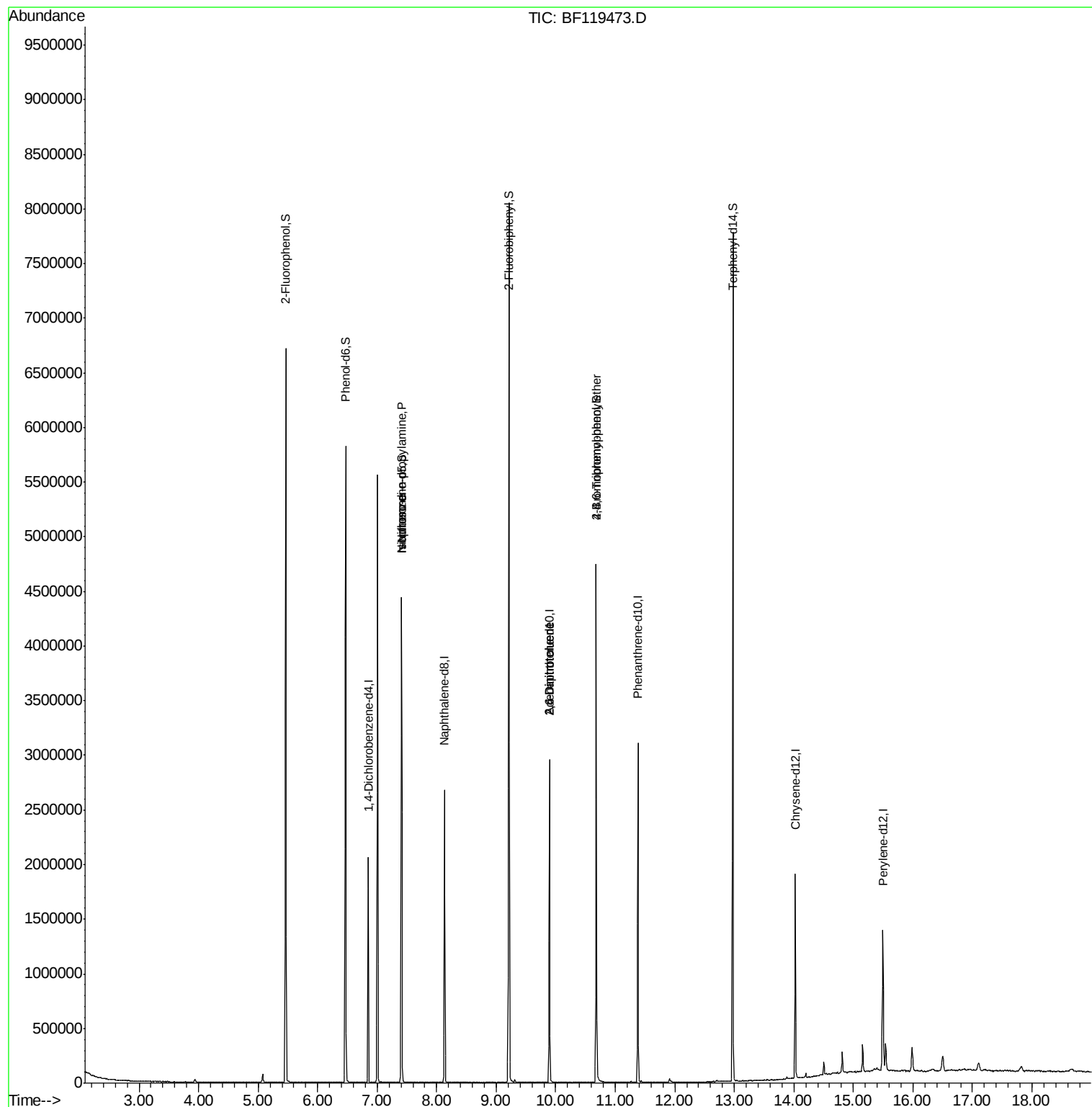
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	296221	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1147462	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	593066	20.00	ng	-0.01
64) Phenanthrene-d10	11.38	188	1107027	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	639935	20.00	ng	0.00
87) Perylene-d12	15.50	264	651931	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1787183	96.04	ng	0.01
7) Phenol-d6	6.47	99	2262562	95.18	ng	0.00
23) Nitrobenzene-d5	7.41	82	1390855	65.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	570862	93.30	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2539513	63.44	ng	0.00
79) Terphenyl-d14	12.97	244	2768039	84.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	183541	12.81	ng	# 72
25) Isophorone	7.41	82	1386107	32.36	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	76705	8.50	ng	# 18
57) 2,4-Dinitrotoluene	9.89	165	76705	6.74	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	36573	2.90	ng	# 1

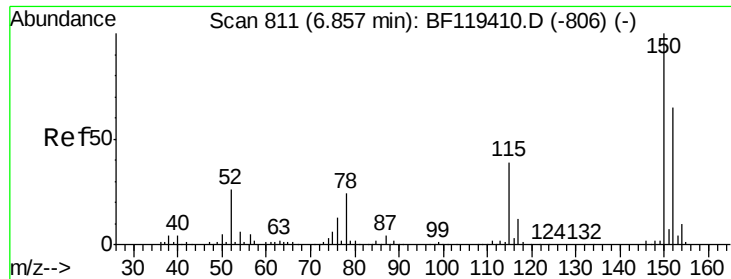
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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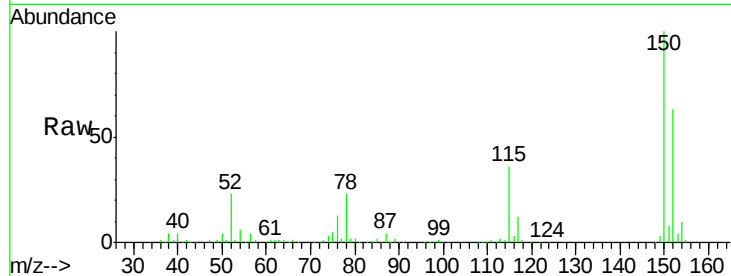




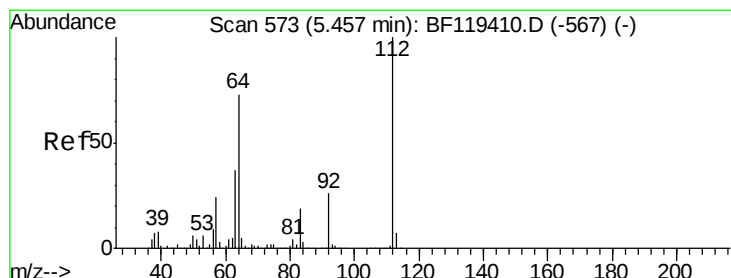
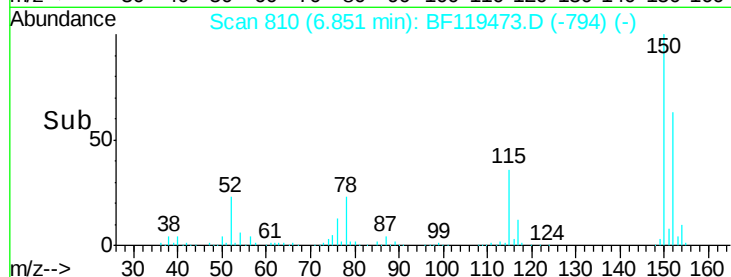
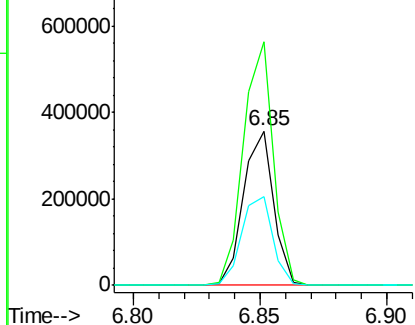
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF119473.D
 Acq: 20 Mar 2020 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB127713BL

Tgt Ion:152 Resp: 296221
 Ion Ratio Lower Upper
 152 100
 150 158.0 123.9 185.9
 115 57.4 47.8 71.6

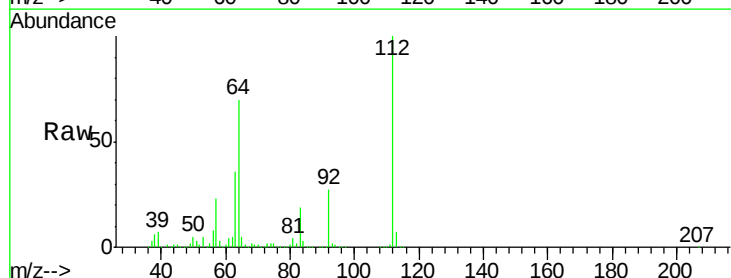


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

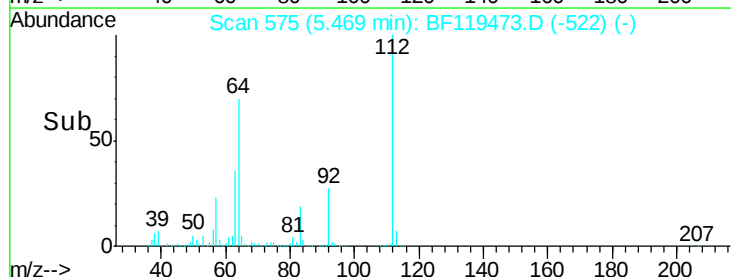
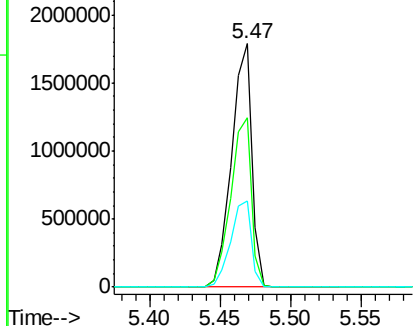


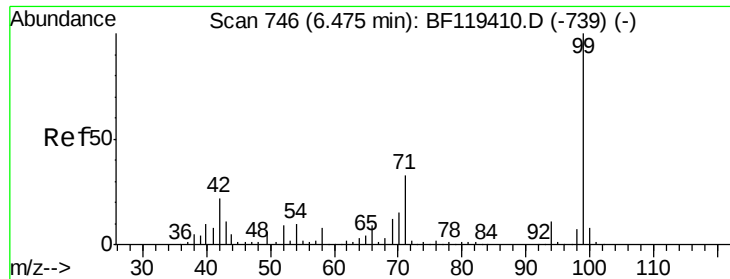
#5
 2-Fluorophenol
 Concen: 96.04 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF119473.D
 Acq: 20 Mar 2020 15:43

Tgt Ion:112 Resp: 1787183
 Ion Ratio Lower Upper
 112 100
 64 69.5 58.1 87.1
 63 35.6 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: 95.18 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119473.D

Acq: 20 Mar 2020 15:43

Instrument :

BNA_F

ClientSampleId :

PB127713BL

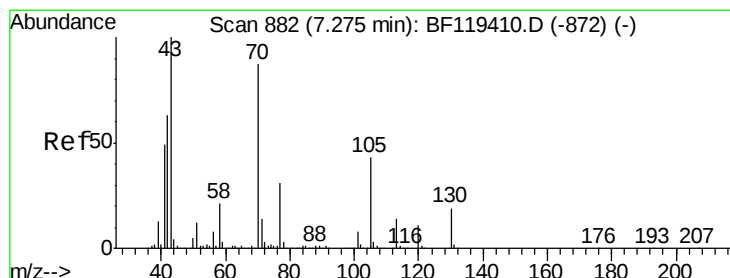
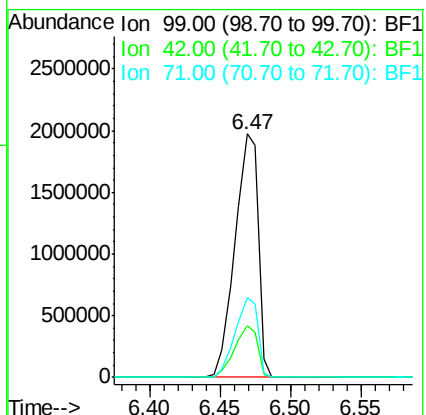
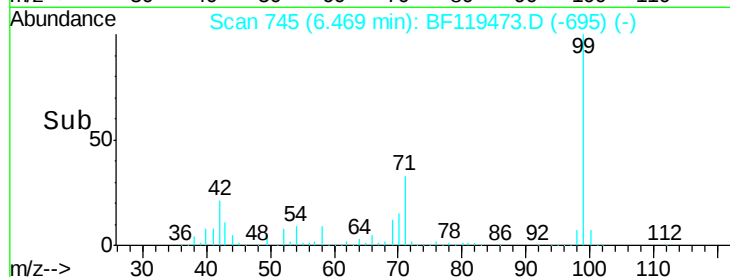
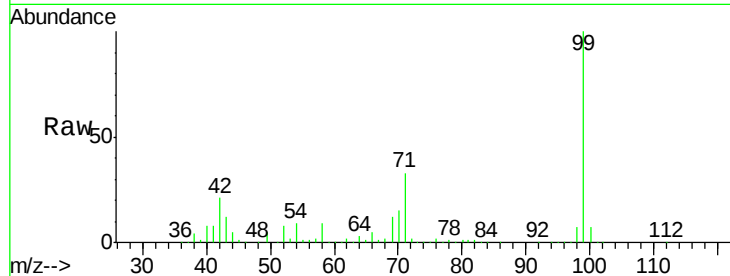
Tgt Ion: 99 Resp: 2262562

Ion Ratio Lower Upper

99 100

42 21.4 17.8 26.6

71 32.7 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.81 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF119473.D

Acq: 20 Mar 2020 15:43

Tgt Ion: 70 Resp: 183541

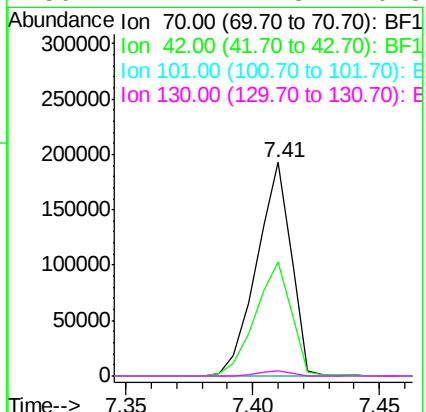
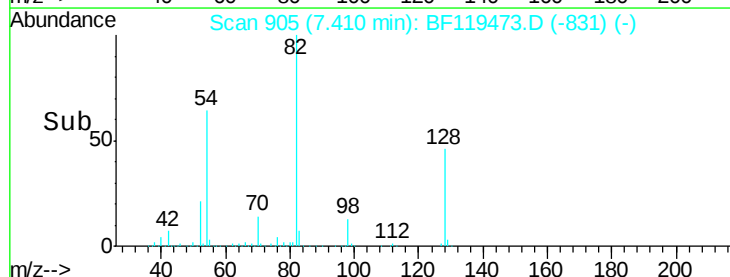
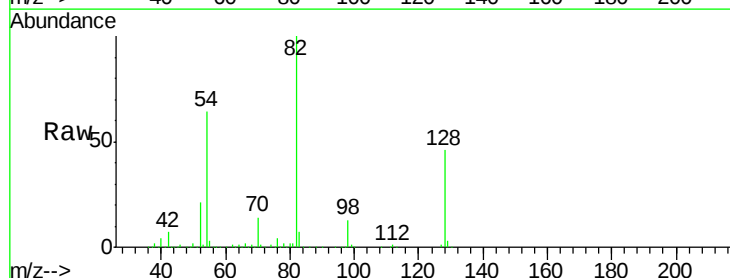
Ion Ratio Lower Upper

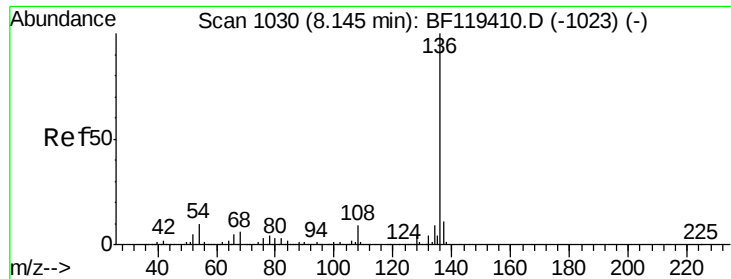
70 100

42 53.2 58.2 87.4#

101 0.0 7.4 11.2#

130 2.2 17.8 26.8#

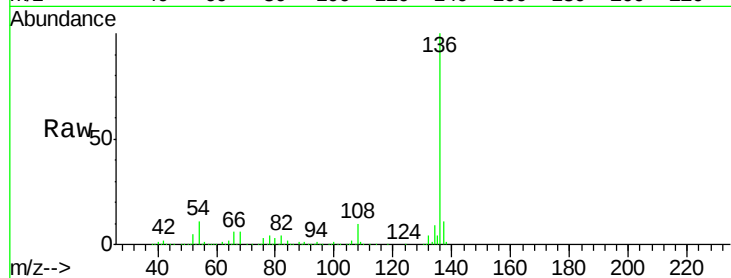




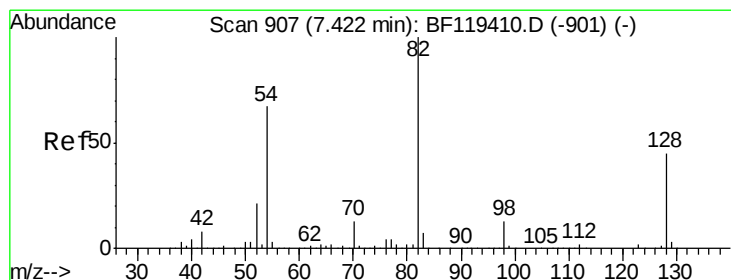
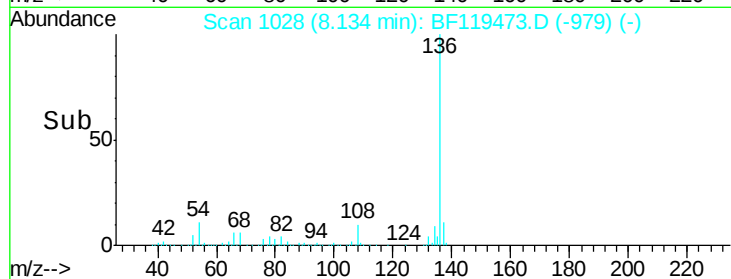
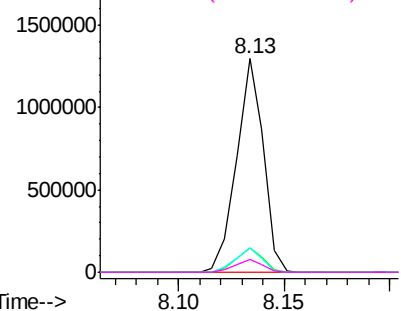
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF119473.D
Acq: 20 Mar 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB127713BL

Tgt Ion:	136	Resp:	1147462
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	11.5	8.3	12.5
68	6.3	4.9	7.3

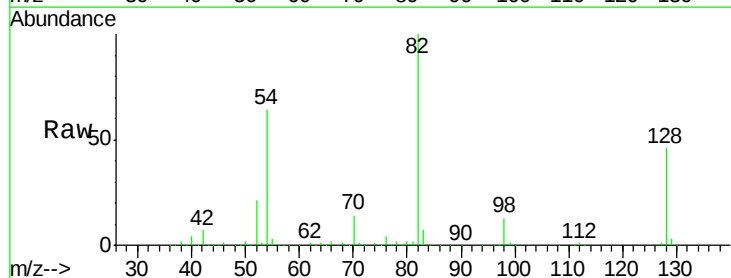


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

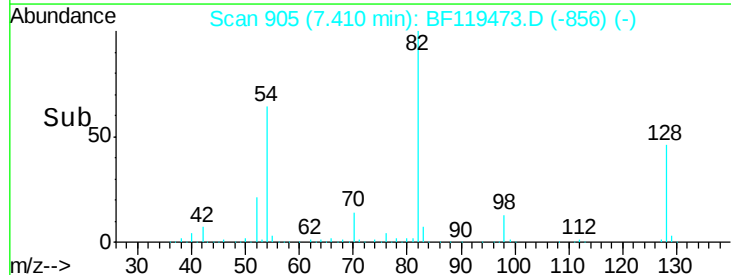
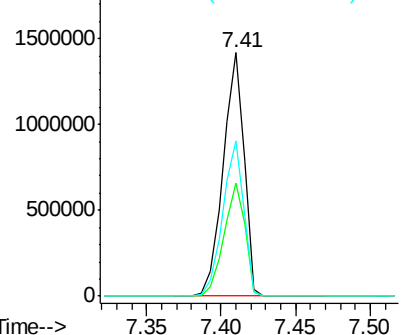


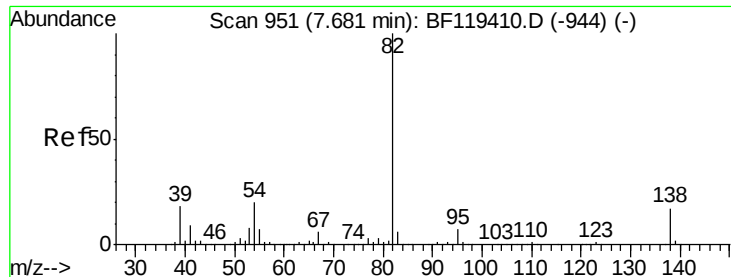
#23
Nitrobenzene-d5
Concen: 65.88 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119473.D
Acq: 20 Mar 2020 15:43

Tgt Ion:	82	Resp:	1390855
Ion	Ratio	Lower	Upper
82	100		
128	46.3	35.8	53.8
54	63.9	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: 32.36 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF119473.D

Acq: 20 Mar 2020 15:43

Instrument :

BNA_F

ClientSampleId :

PB127713BL

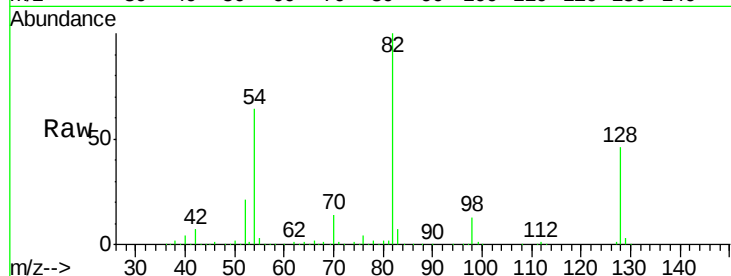
Tgt Ion: 82 Resp: 1386107

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

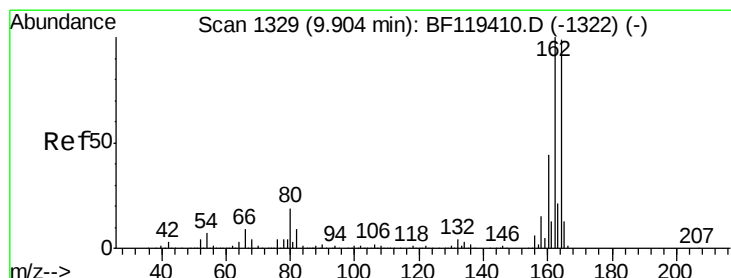
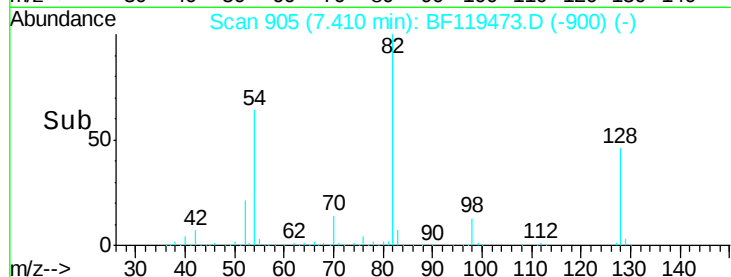
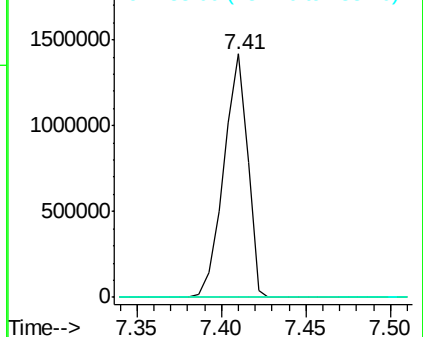
138 0.0 13.8 20.8#



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: 20.00 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119473.D

Acq: 20 Mar 2020 15:43

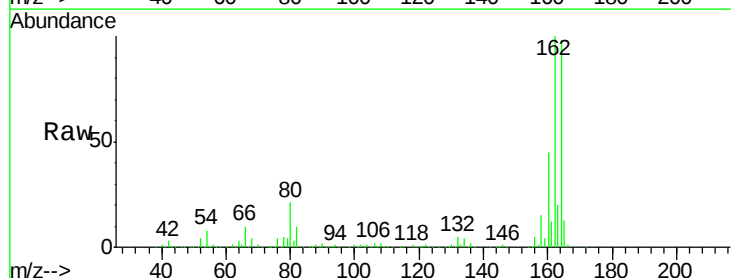
Tgt Ion: 164 Resp: 593066

Ion Ratio Lower Upper

164 100

162 102.0 80.7 121.1

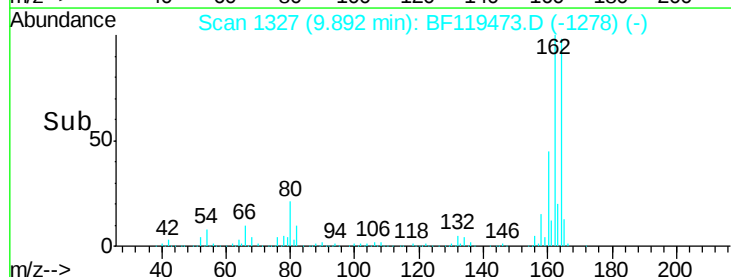
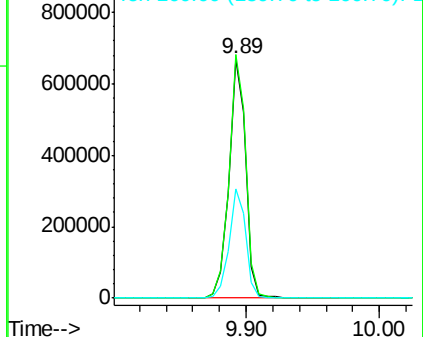
160 45.7 35.5 53.3

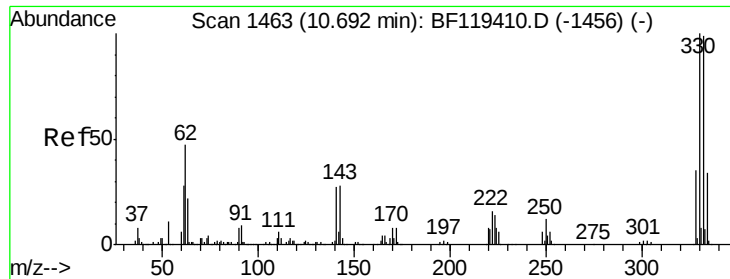


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

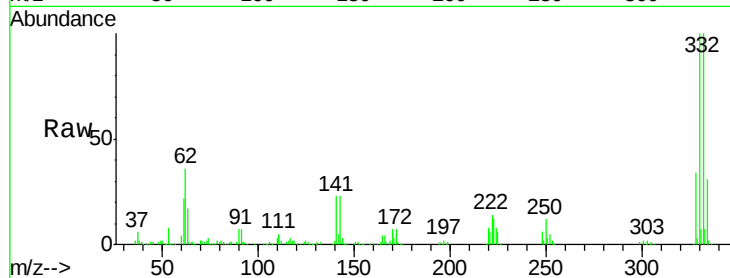




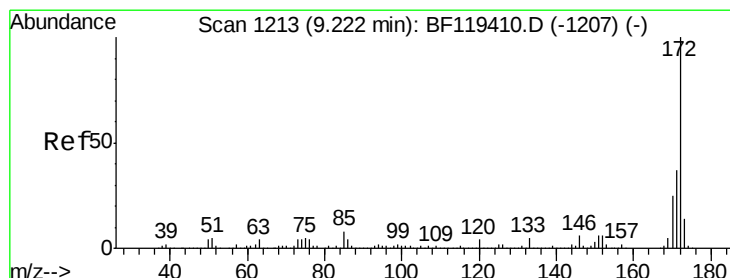
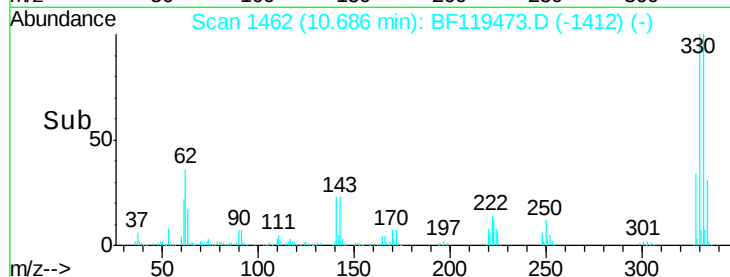
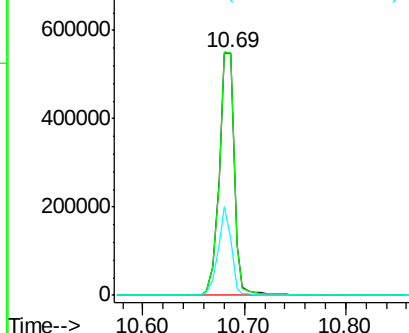
#42
 2,4,6-Tribromophenol
 Concen: 93.30 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF119473.D
 Acq: 20 Mar 2020 15:43

Instrument :
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 ClientSampleId :
 PB127713BL

Tgt Ion:330 Resp: 570862
 Ion Ratio Lower Upper
 330 100
 332 99.0 77.6 116.4
 141 32.3 26.6 40.0

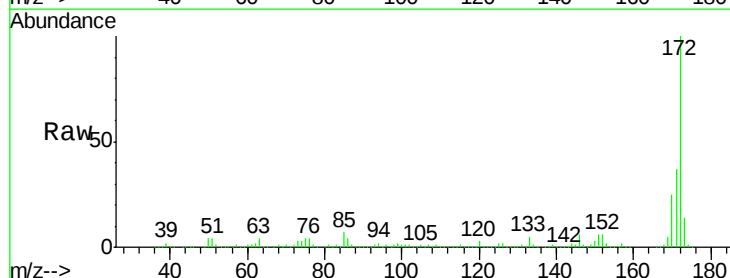


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

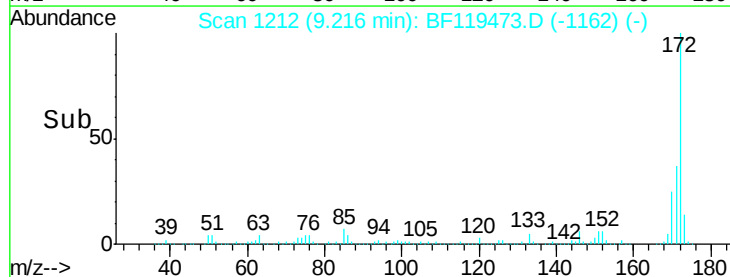
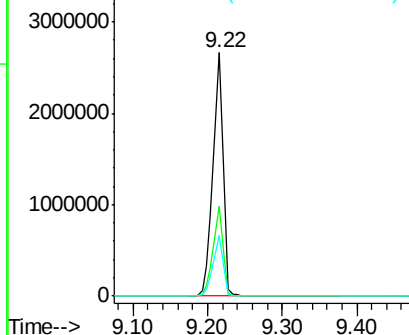


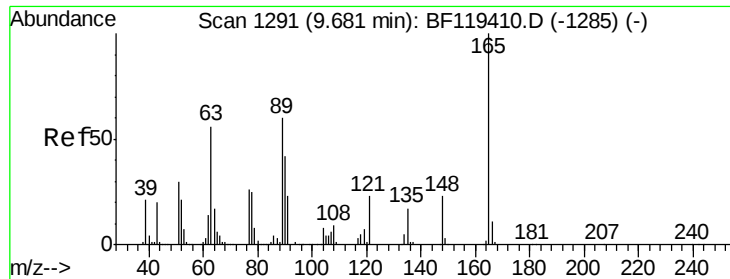
#45
 2-Fluorobiphenyl
 Concen: 63.44 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF119473.D
 Acq: 20 Mar 2020 15:43

Tgt Ion:172 Resp: 2539513
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.9 44.9
 170 25.1 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

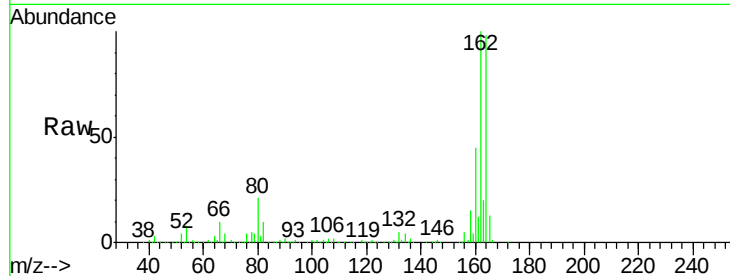




#51
 2,6-Dinitrotoluene
 Concen: 8.50 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF119473.D
 Acq: 20 Mar 2020 15:43

Instrument :
 BNA_F
 ClientSampleId :
 PB127713BL

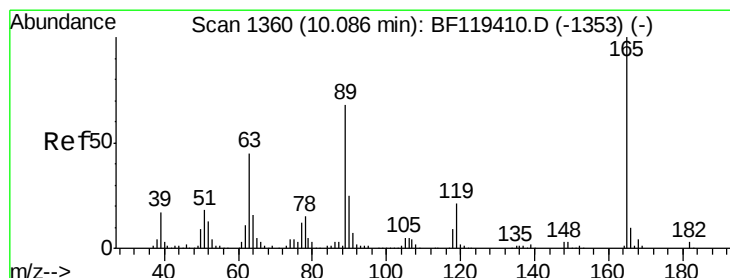
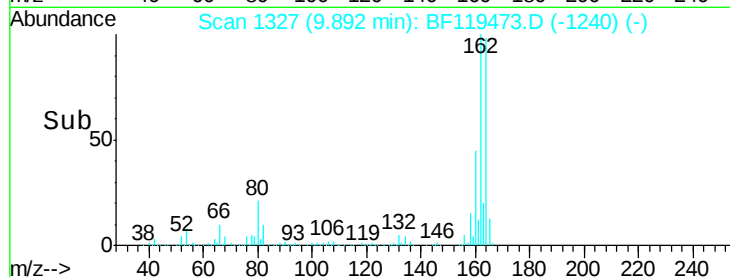
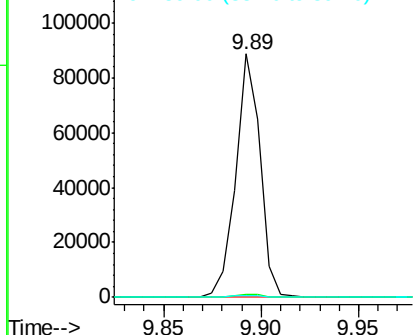
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	57.3	85.9#
89	0.9	47.8	71.8#



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: 6.74 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF119473.D
 Acq: 20 Mar 2020 15:43

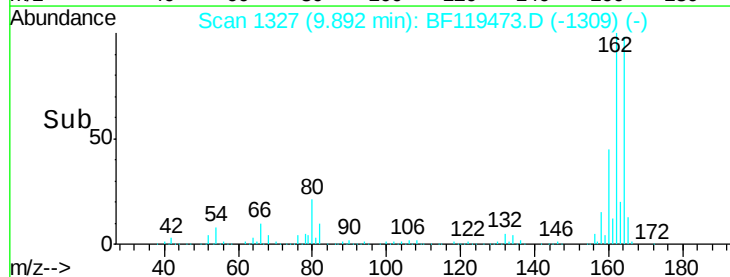
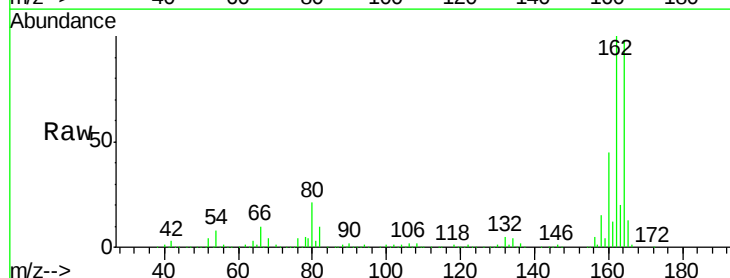
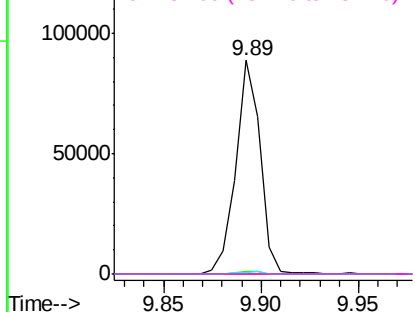
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	0.9	54.3	81.5#
182	0.0	2.0	3.0#

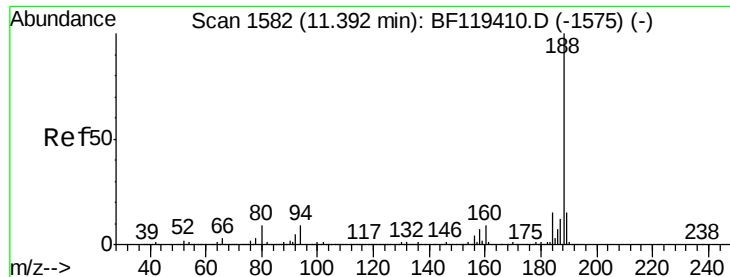
Abundance Ion 165.00 (164.70 to 165.70): E

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: 20.00 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF119473.D

Acq: 20 Mar 2020 15:43

Instrument :

BNA_F

ClientSampleId :

PB127713BL

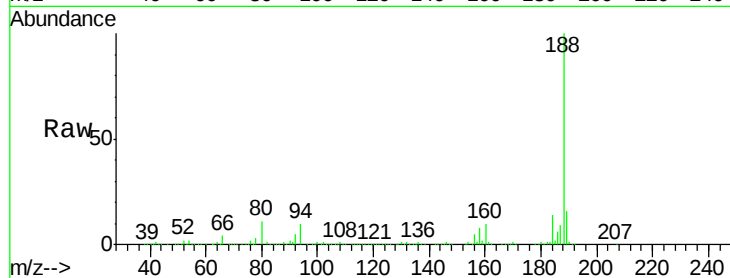
Tgt Ion:188 Resp: 1107027

Ion Ratio Lower Upper

188 100

94 10.2 7.1 10.7

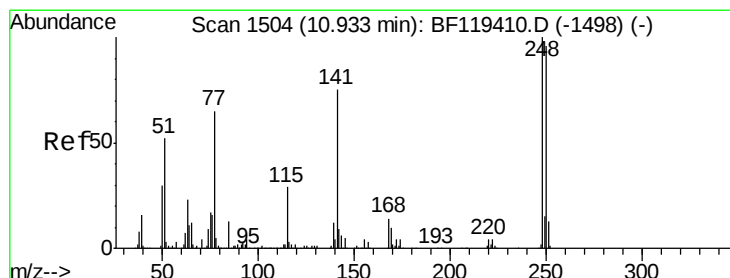
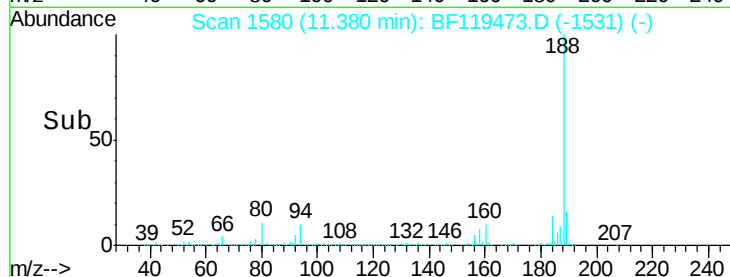
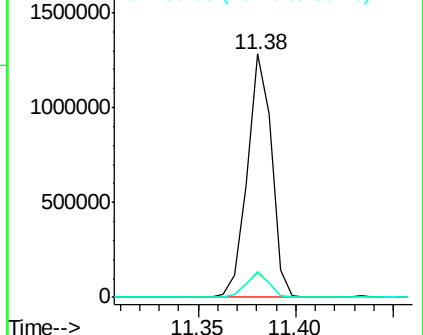
80 10.7 7.5 11.3



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: 2.90 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF119473.D

Acq: 20 Mar 2020 15:43

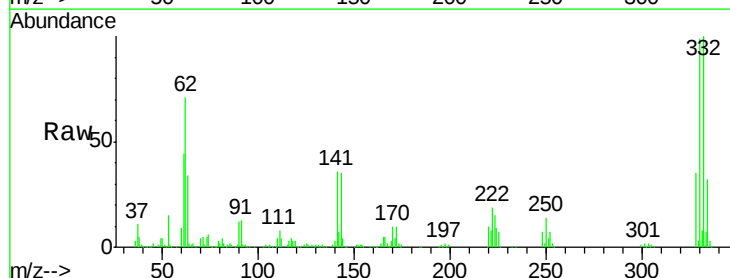
Tgt Ion:248 Resp: 36573

Ion Ratio Lower Upper

248 100

250 192.1 77.0 115.6#

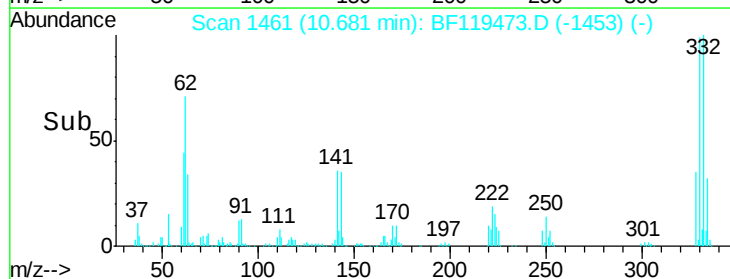
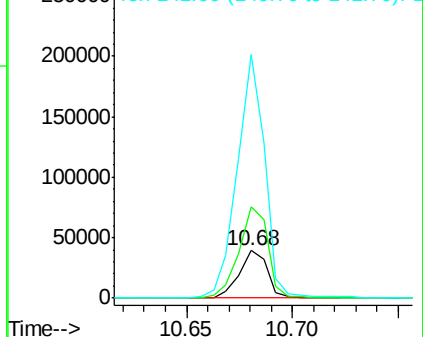
141 513.1 59.7 89.5#

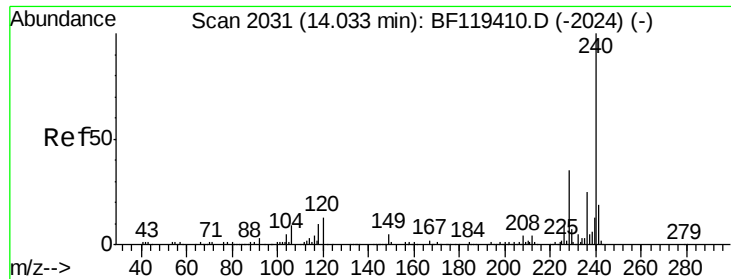


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

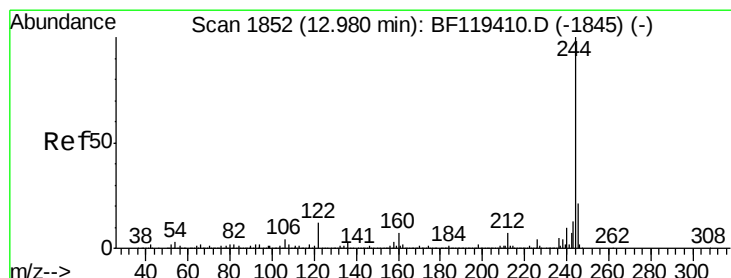
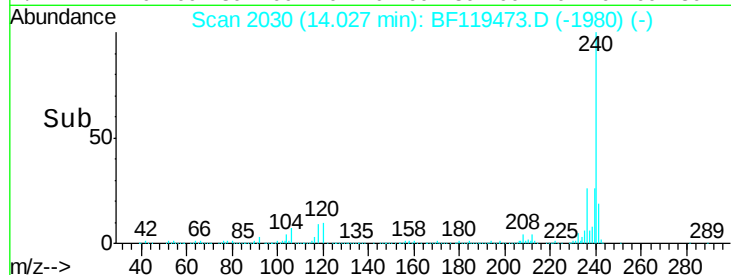
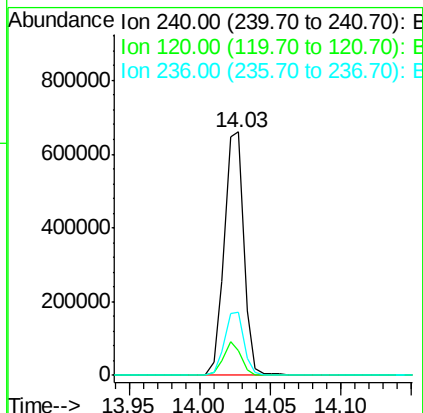
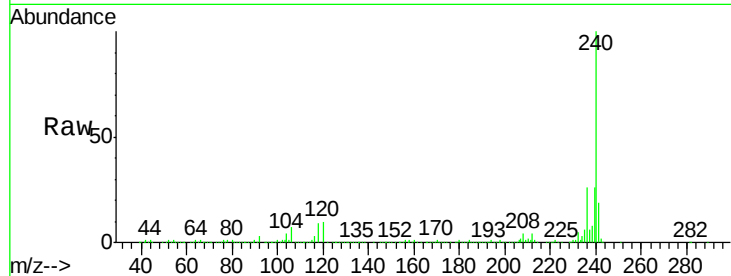




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF119473.D
Acq: 20 Mar 2020 15:43

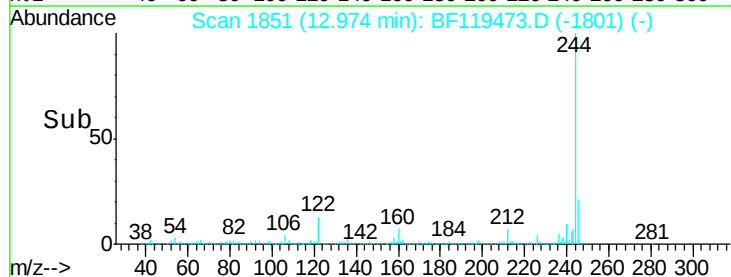
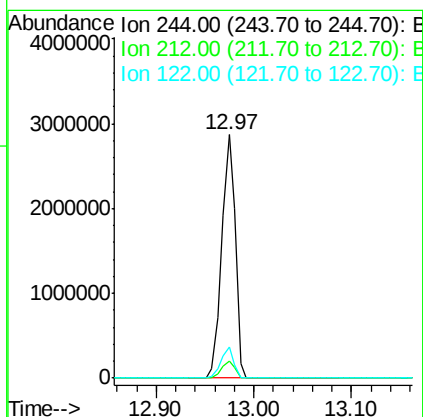
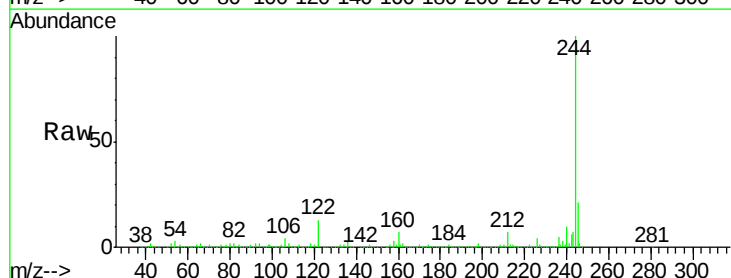
Instrument :
BNA_F
ClientSampleId :
PB127713BL

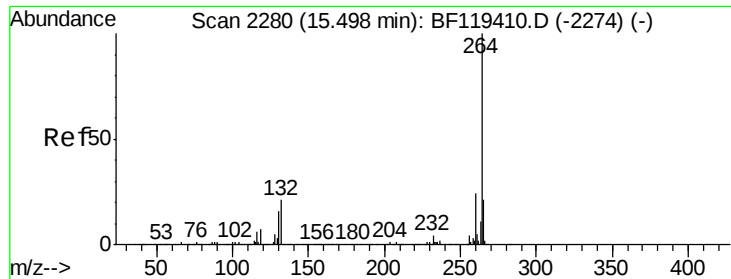
Tgt Ion:240 Resp: 639935
Ion Ratio Lower Upper
240 100
120 10.1 10.2 15.4#
236 26.1 20.4 30.6



#79
Terphenyl-d14
Concen: 84.75 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF119473.D
Acq: 20 Mar 2020 15:43

Tgt Ion:244 Resp: 2768039
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 12.9 9.8 14.8





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF119473.D
Acq: 20 Mar 2020 15:43

Instrument :
BNA_F
ClientSampleId :
PB127713BL

Tgt Ion: 264 Resp: 651931
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.5 16.9 25.3

