

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119579.D
 Acq On : 27 Mar 2020 20:55
 Operator : CG/JU
 Sample : PB127867TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127867TB

Quant Time: Mar 28 00:53:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 07:52:09 2020
 Response via : Initial Calibration

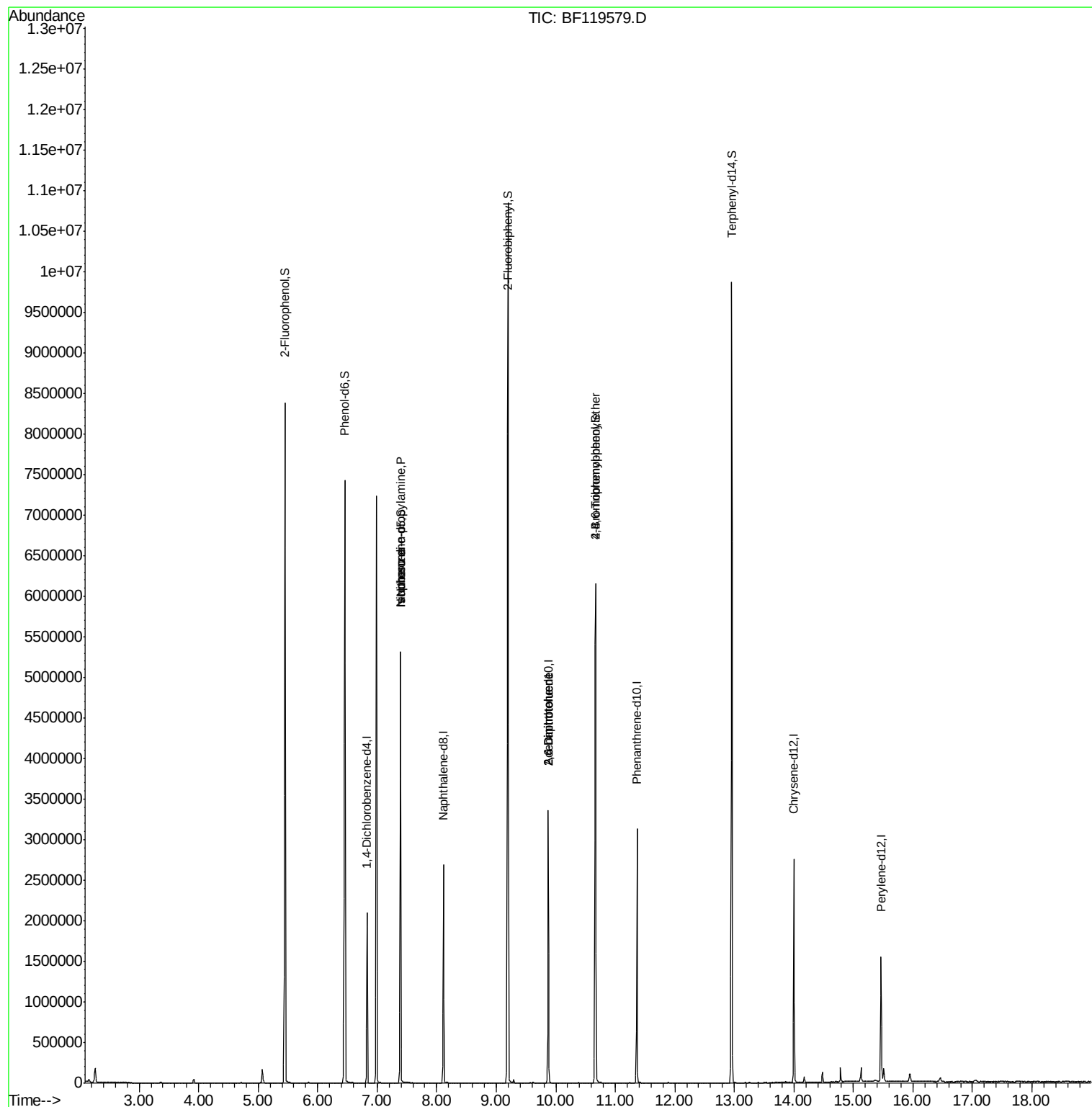
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	317126	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1217362	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	651085	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1105989	20.00	ng	0.00
76) Chrysene-d12	14.00	240	923889	20.00	ng	-0.01
87) Perylene-d12	15.46	264	742366	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2520480	126.52	ng	0.01
7) Phenol-d6	6.46	99	3180441	124.98	ng	0.00
23) Nitrobenzene-d5	7.39	82	2024446	90.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	815725	121.44	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3607085	82.08	ng	0.00
79) Terphenyl-d14	12.96	244	3932407	83.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	267925	17.47	ng	# 76
25) Isophorone	7.39	82	1999494	44.00	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	84083	8.48	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	84083	6.73	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	50526	4.01	ng	# 1

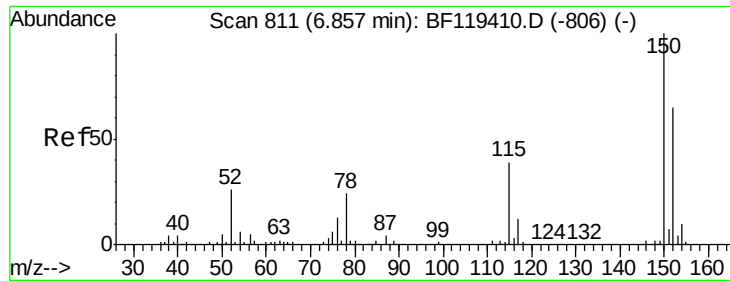
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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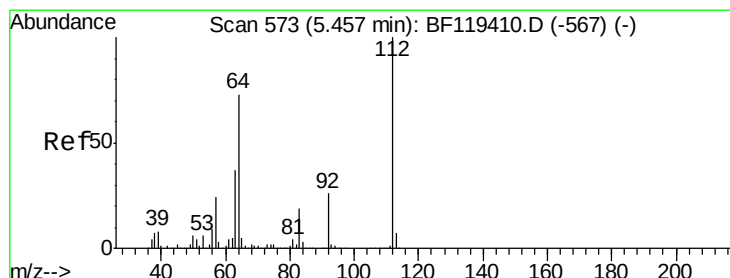
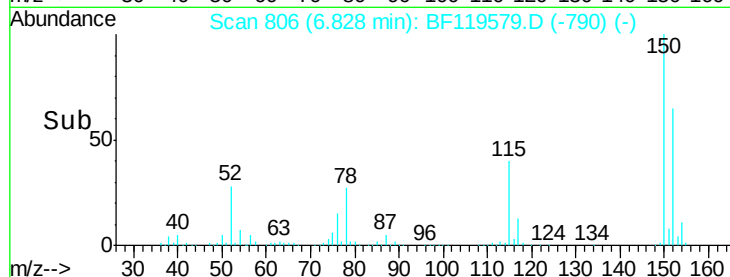
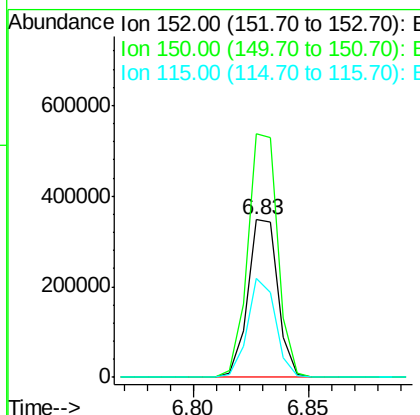
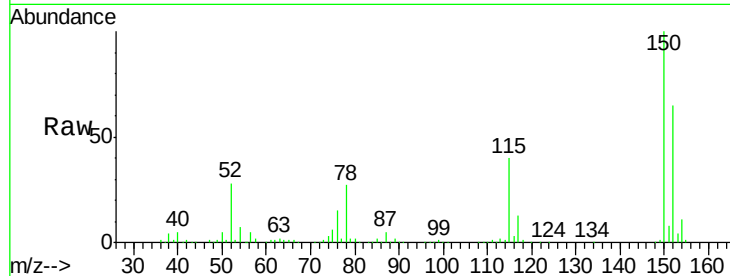




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF119579.D
 Acq: 27 Mar 2020 20:55

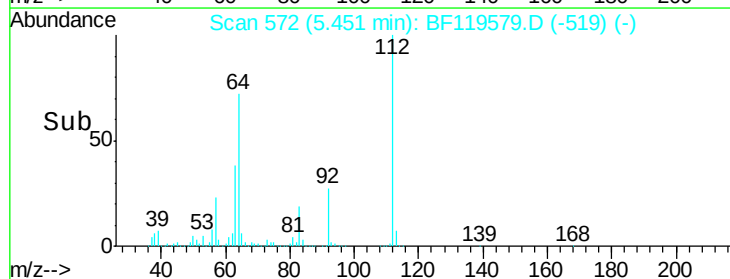
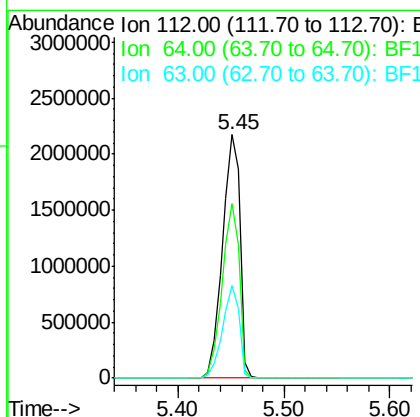
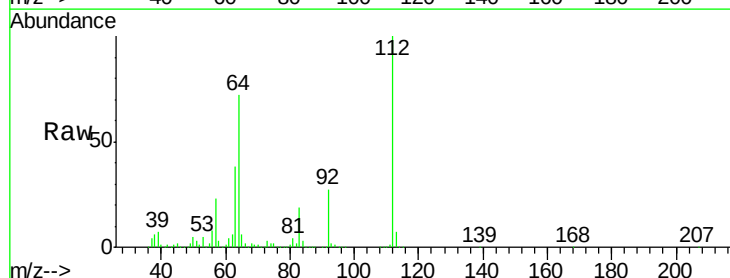
Instrument :
 BNA_F
 ClientSampleId :
 PB127867TB

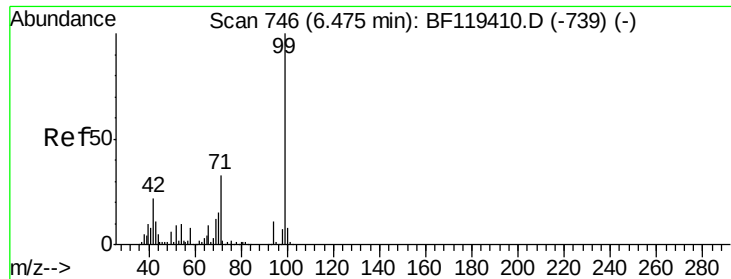
Tgt Ion:152 Resp: 317126
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.5 186.7
 115 62.5 49.6 74.4



#5
 2-Fluorophenol
 Concen: 126.52 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF119579.D
 Acq: 27 Mar 2020 20:55

Tgt Ion:112 Resp: 2520480
 Ion Ratio Lower Upper
 112 100
 64 71.8 56.7 85.1
 63 37.8 29.5 44.3





#7

Phenol-d6

Concen: 124.98 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119579.D

Acq: 27 Mar 2020 20:55

Instrument :

BNA_F

ClientSampleId :

PB127867TB

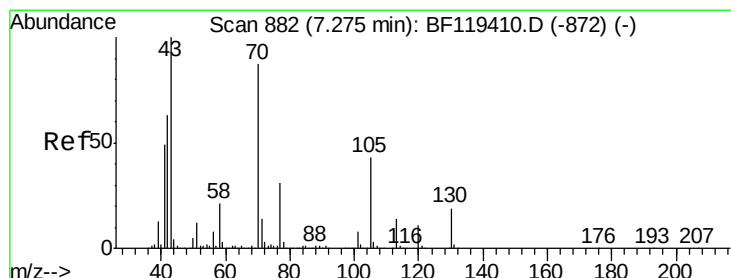
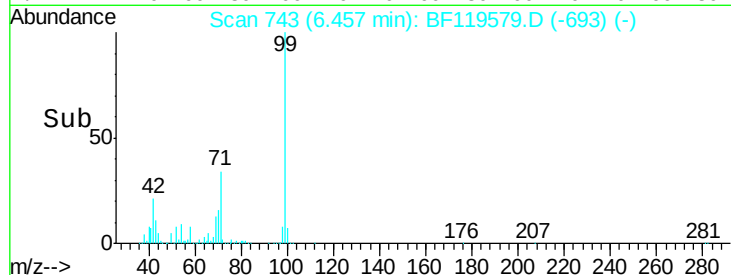
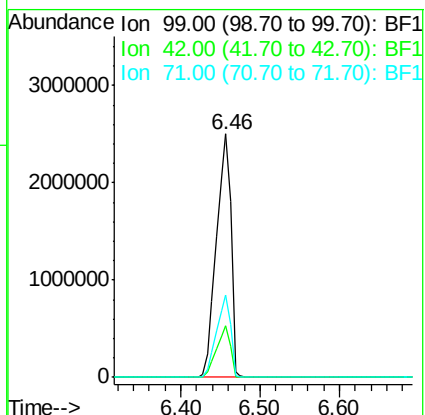
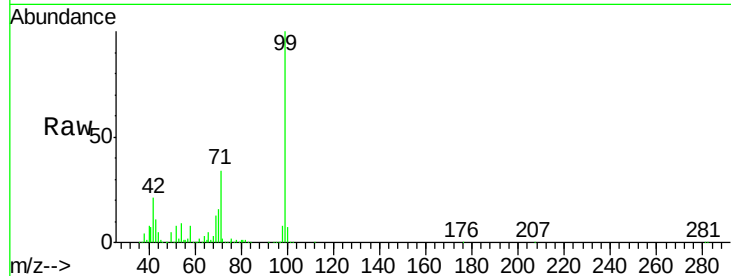
Tgt Ion: 99 Resp: 3180441

Ion Ratio Lower Upper

99 100

42 20.9 16.6 24.8

71 34.1 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.47 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119579.D

Acq: 27 Mar 2020 20:55

Tgt Ion: 70 Resp: 267925

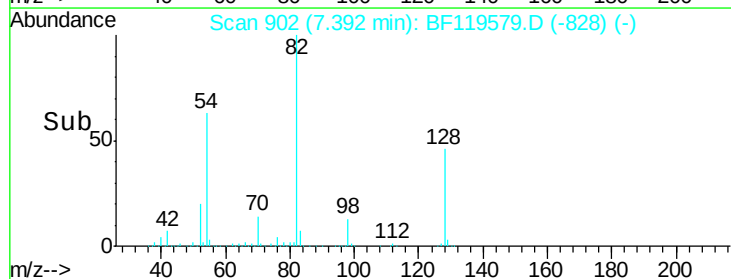
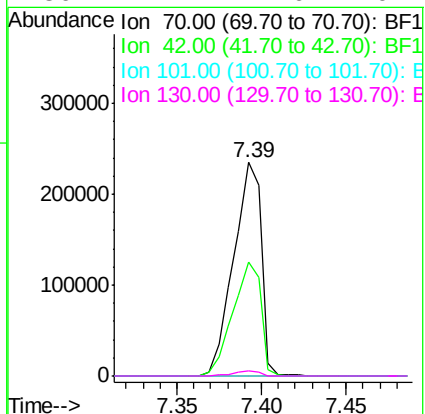
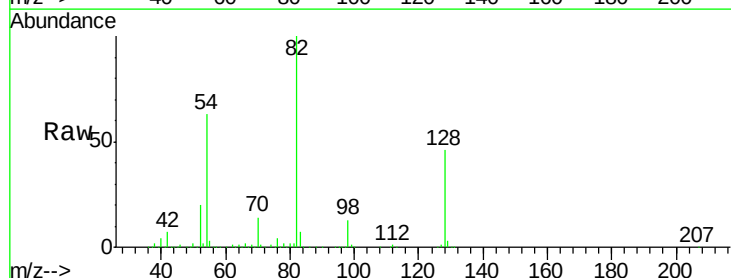
Ion Ratio Lower Upper

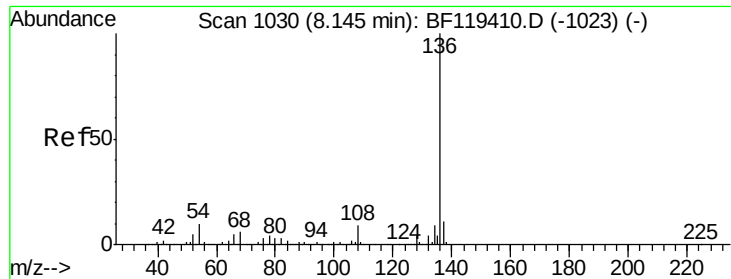
70 100

42 53.4 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#



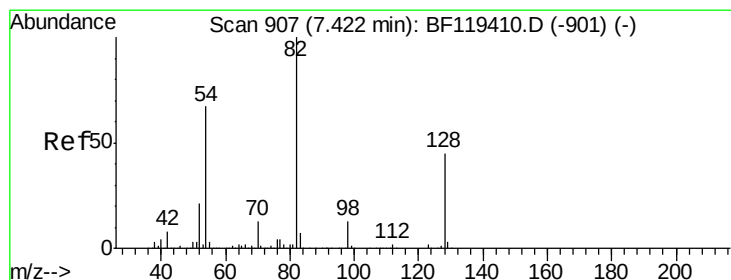
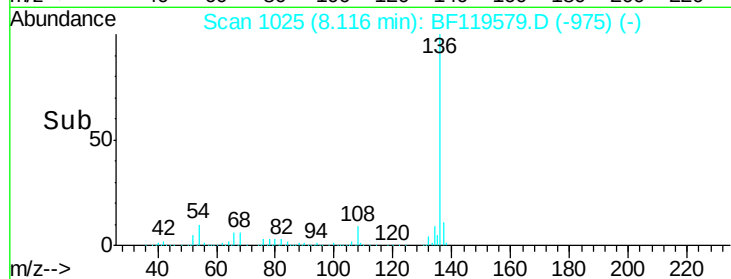
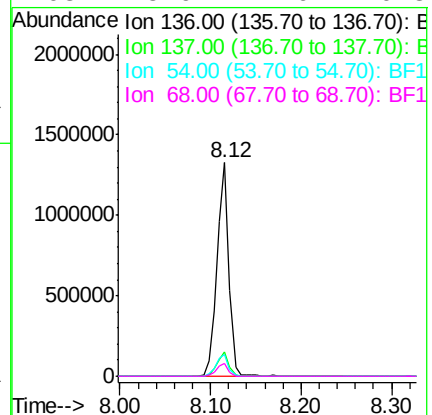
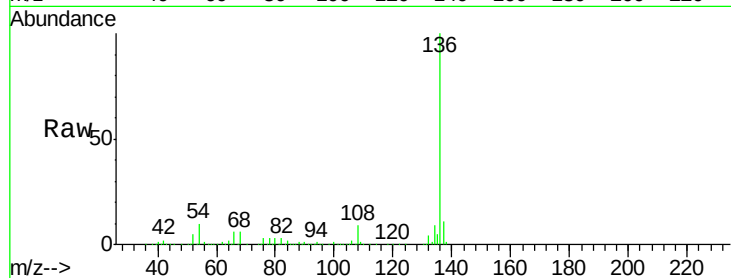


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119579.D
Acq: 27 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
PB127867TB

Tgt Ion:136 Resp: 1217362

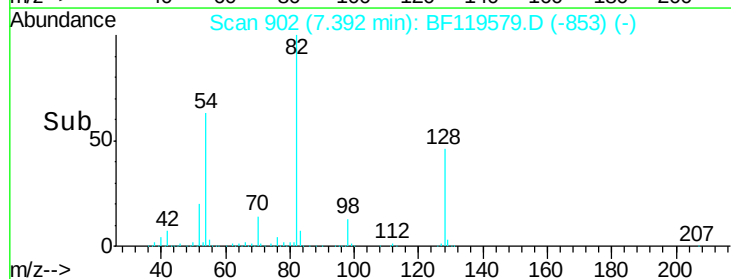
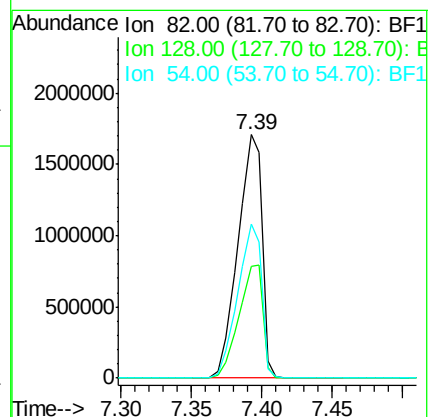
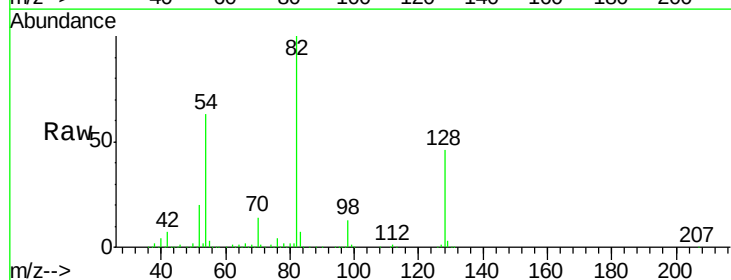
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	10.4	9.1	13.7
68	5.9	4.6	6.8

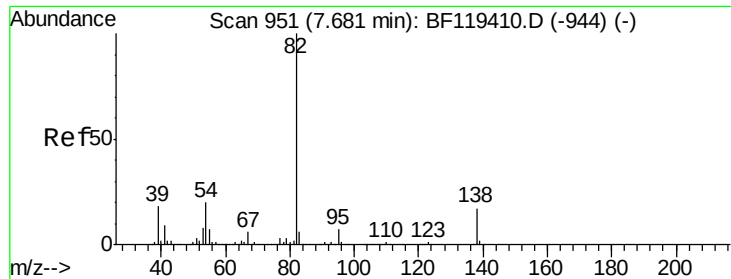


#23
Nitrobenzene-d5
Concen: 90.38 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119579.D
Acq: 27 Mar 2020 20:55

Tgt Ion: 82 Resp: 2024446

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.3	54.5
54	63.3	50.6	75.8





#25

Isophorone

Concen: 44.00 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119579.D

Acq: 27 Mar 2020 20:55

Instrument :

BNA_F

ClientSampleId :

PB127867TB

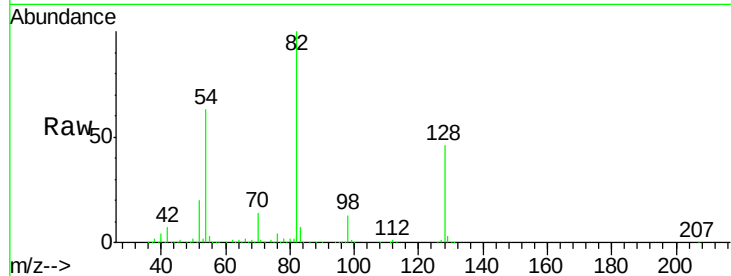
Tgt Ion: 82 Resp: 1999494

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

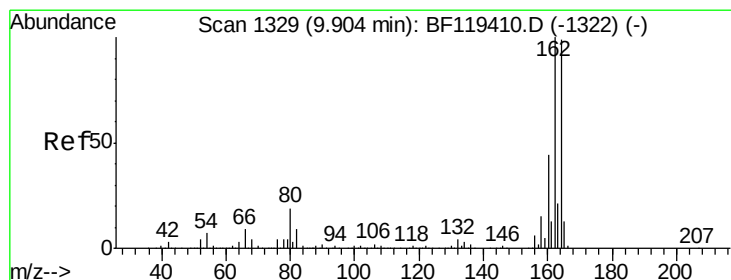
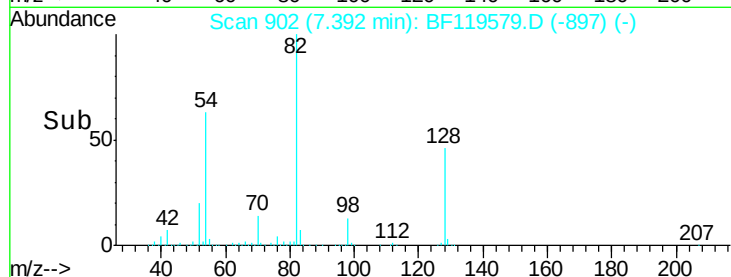
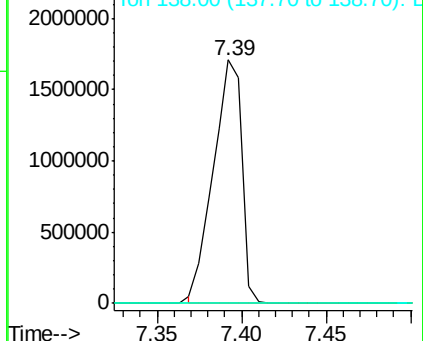
138 0.0 14.6 21.8#



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: 20.00 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119579.D

Acq: 27 Mar 2020 20:55

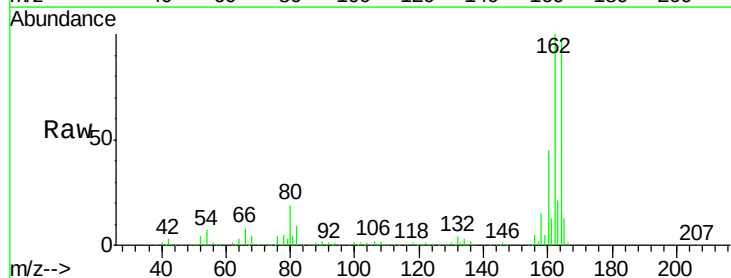
Tgt Ion: 164 Resp: 651085

Ion Ratio Lower Upper

164 100

162 102.0 80.6 121.0

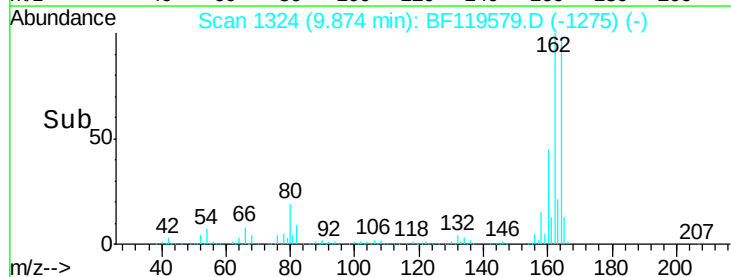
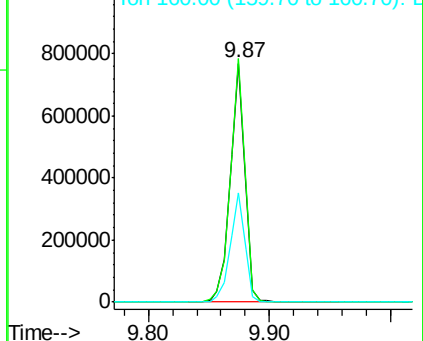
160 45.8 35.7 53.5

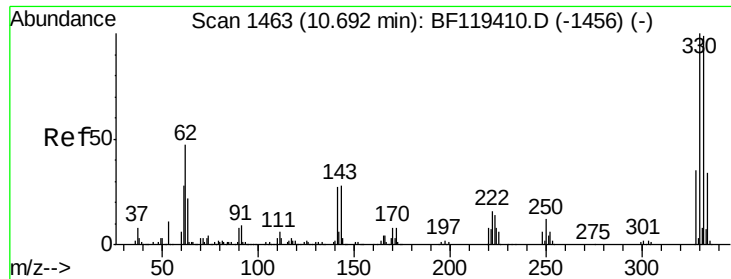


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 121.44 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119579.D

Acq: 27 Mar 2020 20:55

Instrument :

BNA_F

ClientSampled :

PB127867TB

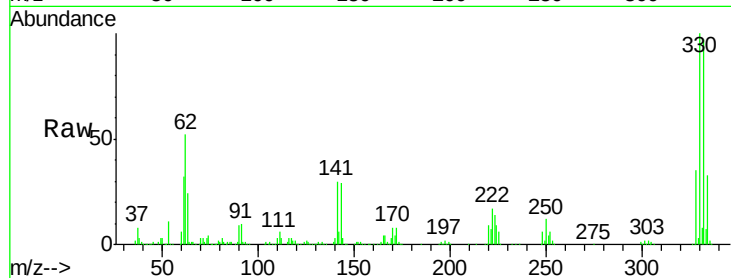
Tgt Ion:330 Resp: 815725

Ion Ratio Lower Upper

330 100

332 97.6 75.7 113.5

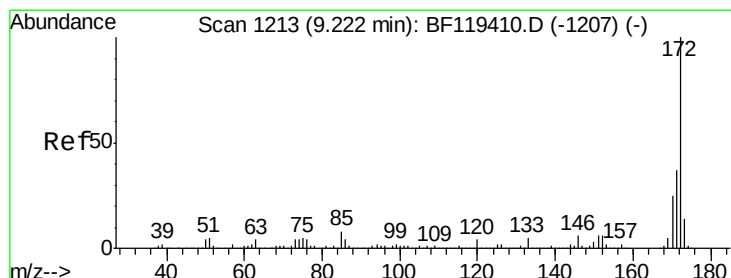
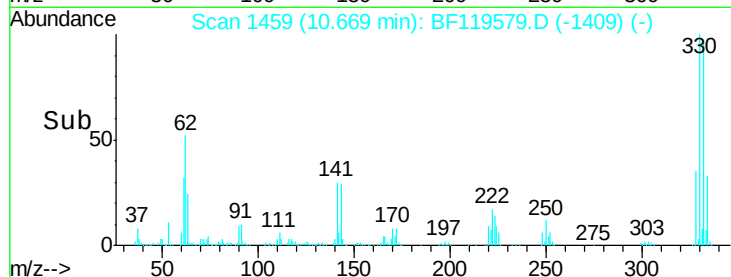
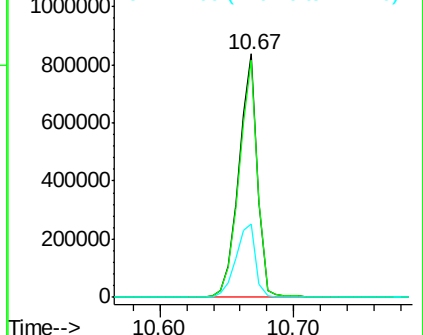
141 32.3 25.4 38.0



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: 82.08 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119579.D

Acq: 27 Mar 2020 20:55

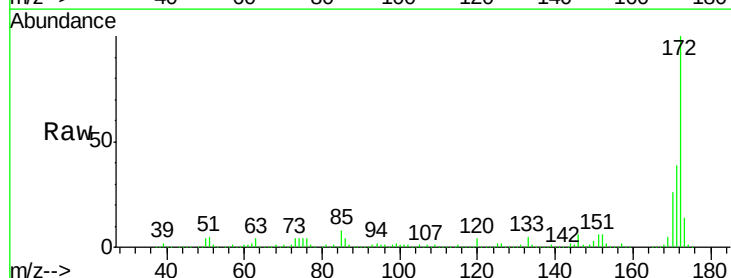
Tgt Ion:172 Resp: 3607085

Ion Ratio Lower Upper

172 100

171 38.6 29.6 44.4

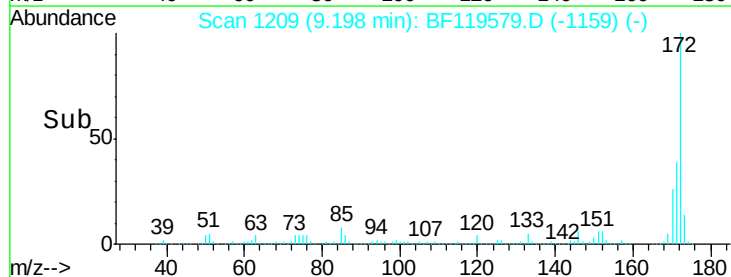
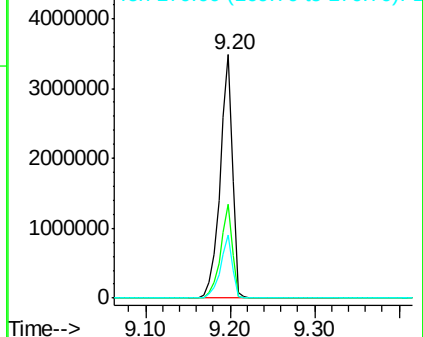
170 26.0 20.2 30.2

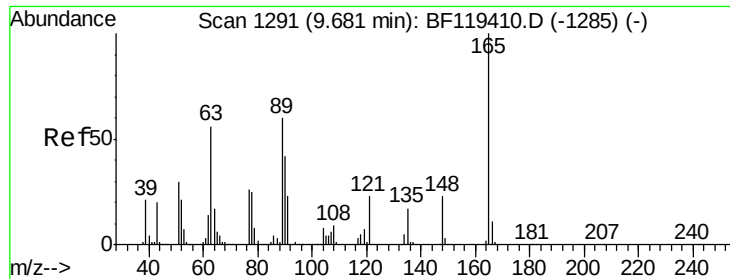


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

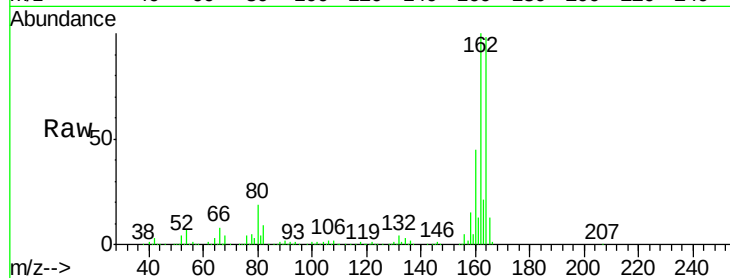




#51
 2,6-Dinitrotoluene
 Concen: 8.48 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF119579.D
 Acq: 27 Mar 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB127867TB

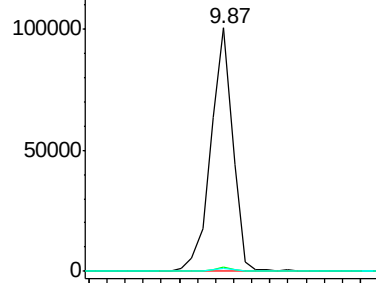
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	45.0	67.4#
89	1.0	41.5	62.3#



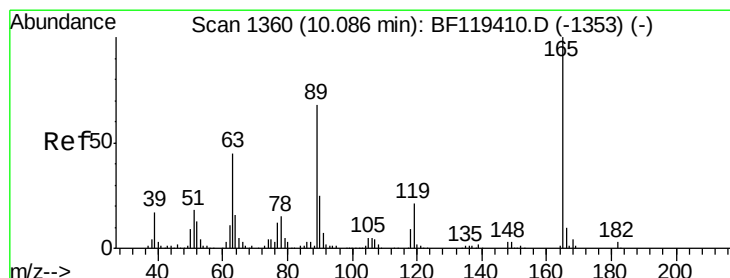
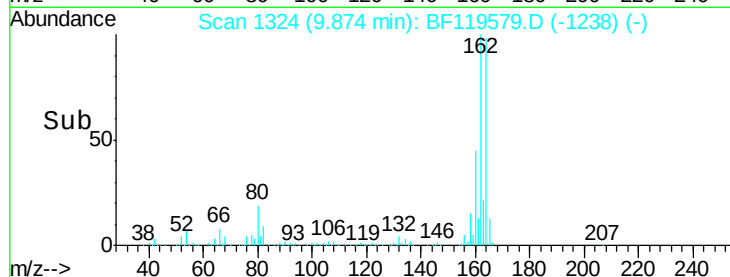
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



Time-->



#57
 2,4-Dinitrotoluene
 Concen: 6.73 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119579.D
 Acq: 27 Mar 2020 20:55

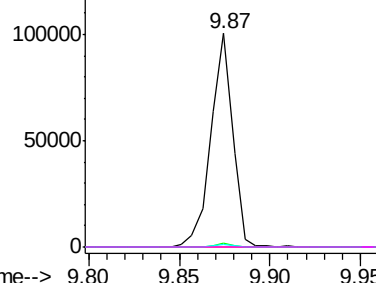
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.6	64.0#
89	1.0	61.0	91.4#
182	0.0	2.2	3.2#

Abundance Ion 165.00 (164.70 to 165.70): E

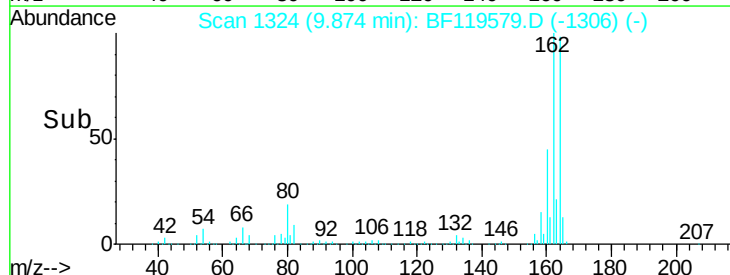
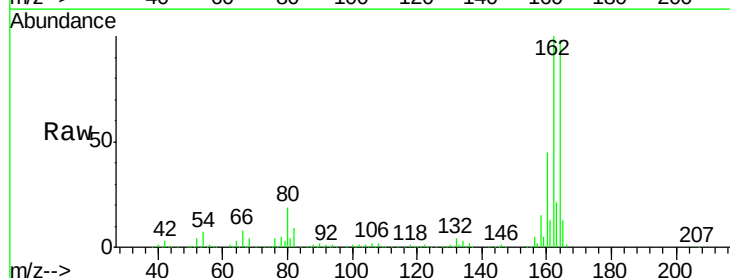
Ion 63.00 (62.70 to 63.70): BF1

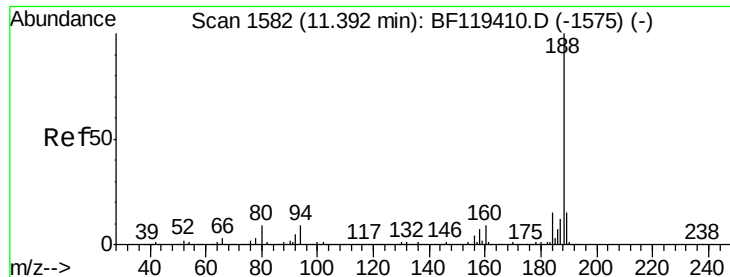
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119579.D

Acq: 27 Mar 2020 20:55

Instrument :

BNA_F

ClientSampleId :

PB127867TB

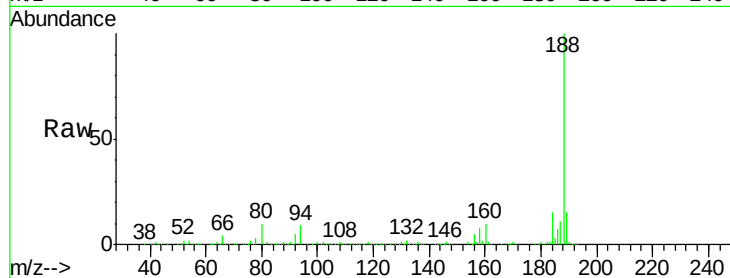
Tgt Ion:188 Resp: 1105989

Ion Ratio Lower Upper

188 100

94 8.9 7.5 11.3

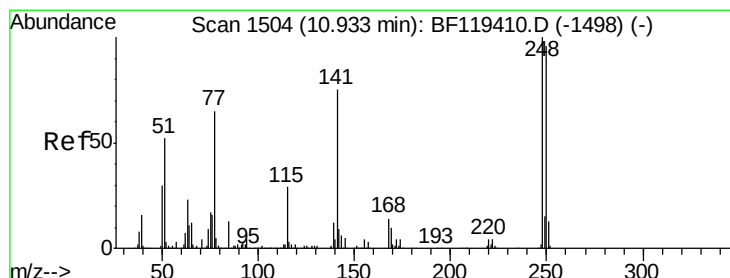
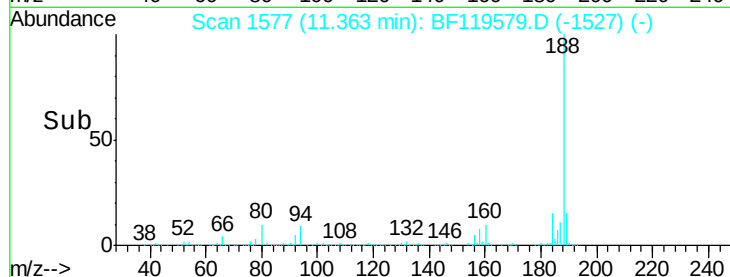
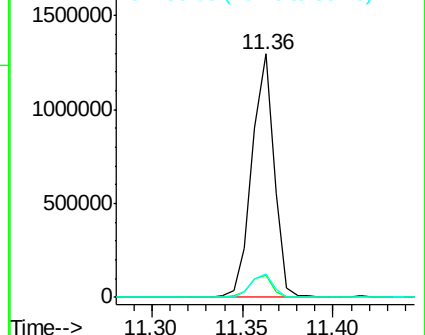
80 9.8 9.0 13.4



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: 4.01 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF119579.D

Acq: 27 Mar 2020 20:55

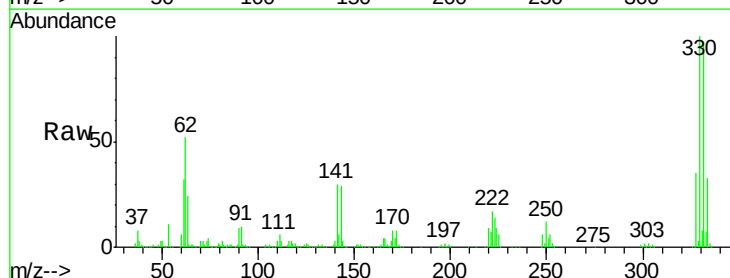
Tgt Ion:248 Resp: 50526

Ion Ratio Lower Upper

248 100

250 197.6 77.3 115.9#

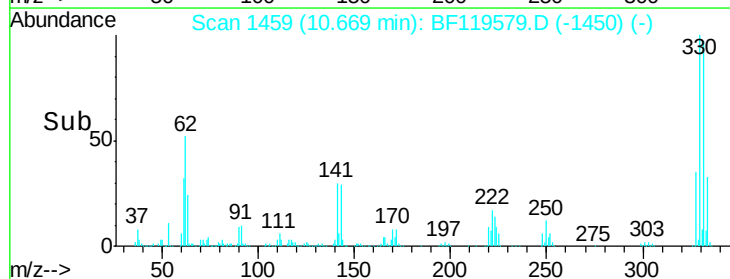
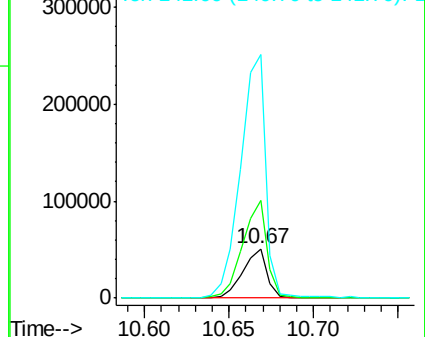
141 493.8 58.6 87.8#

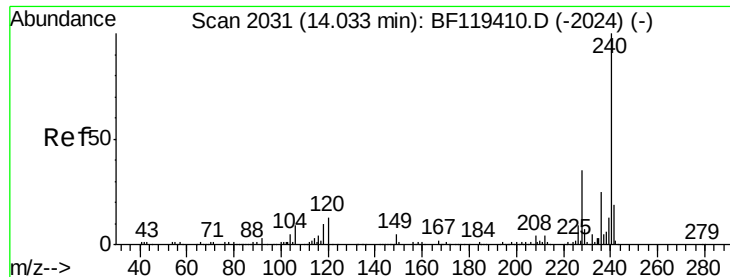


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF119579.D

Acq: 27 Mar 2020 20:55

Instrument :

BNA_F

ClientSampleId :

PB127867TB

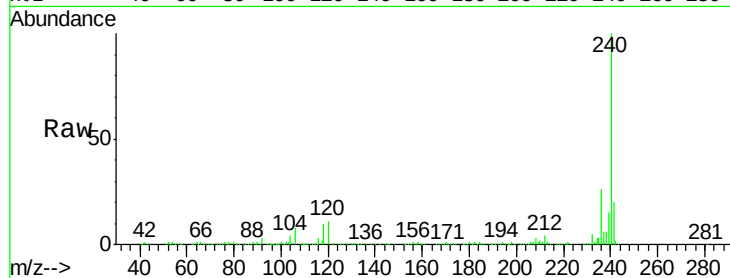
Tgt Ion:240 Resp: 923889

Ion Ratio Lower Upper

240 100

120 11.1 10.6 15.8

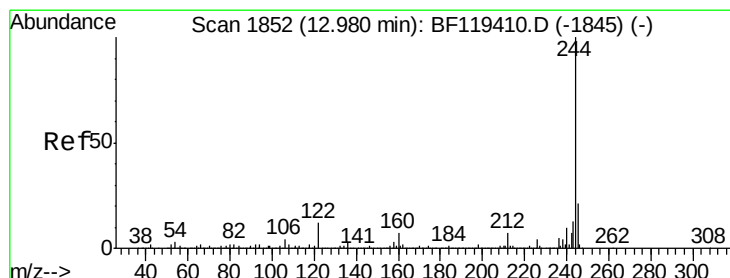
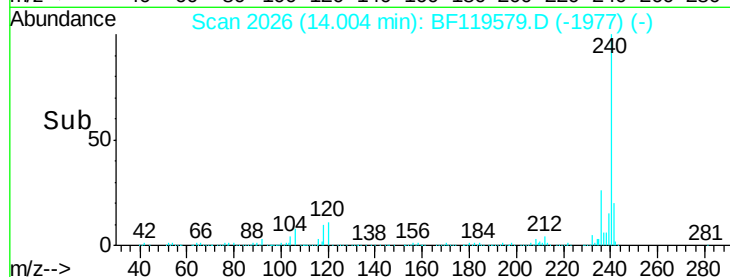
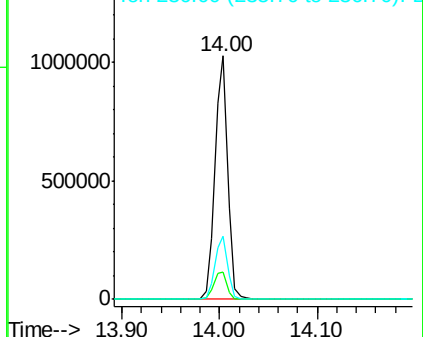
236 26.1 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 83.39 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119579.D

Acq: 27 Mar 2020 20:55

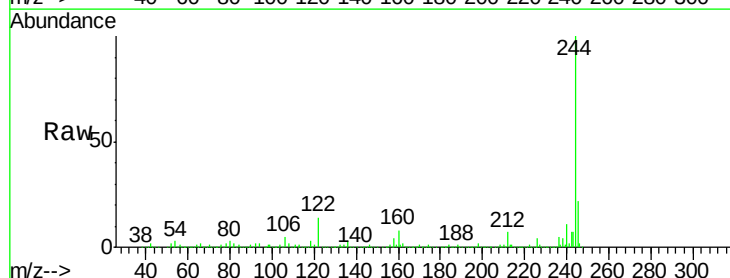
Tgt Ion:244 Resp: 3932407

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

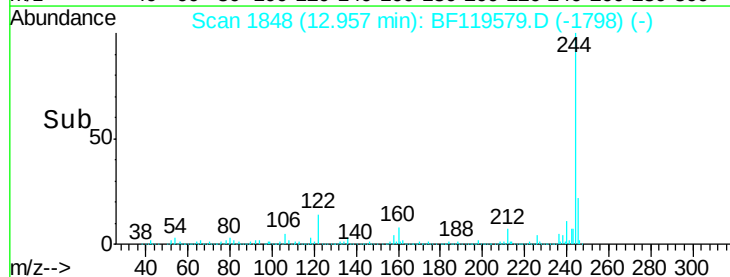
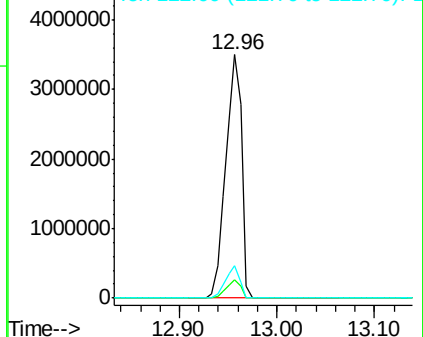
122 13.6 10.3 15.5

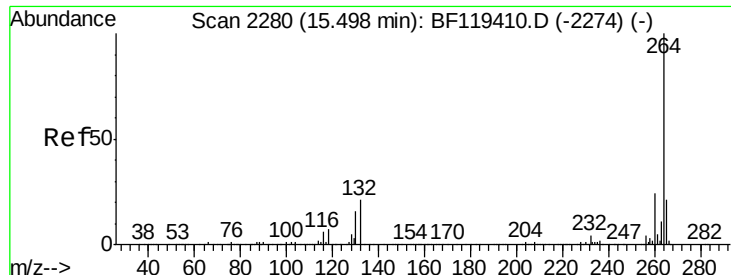


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

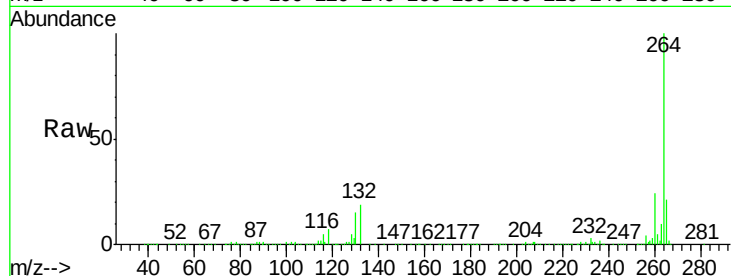




#87
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF119579.D
Acq: 27 Mar 2020 20:55

Instrument :
BNA_F
ClientSampleId :
PB127867TB

Tgt Ion:	264	Resp:	742366
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.3	17.7	26.5



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

