

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032720\
 Data File : BF119575.D
 Acq On : 27 Mar 2020 18:55
 Operator : CG/JU
 Sample : PB127867BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127867BL

Quant Time: Mar 28 00:53:32 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

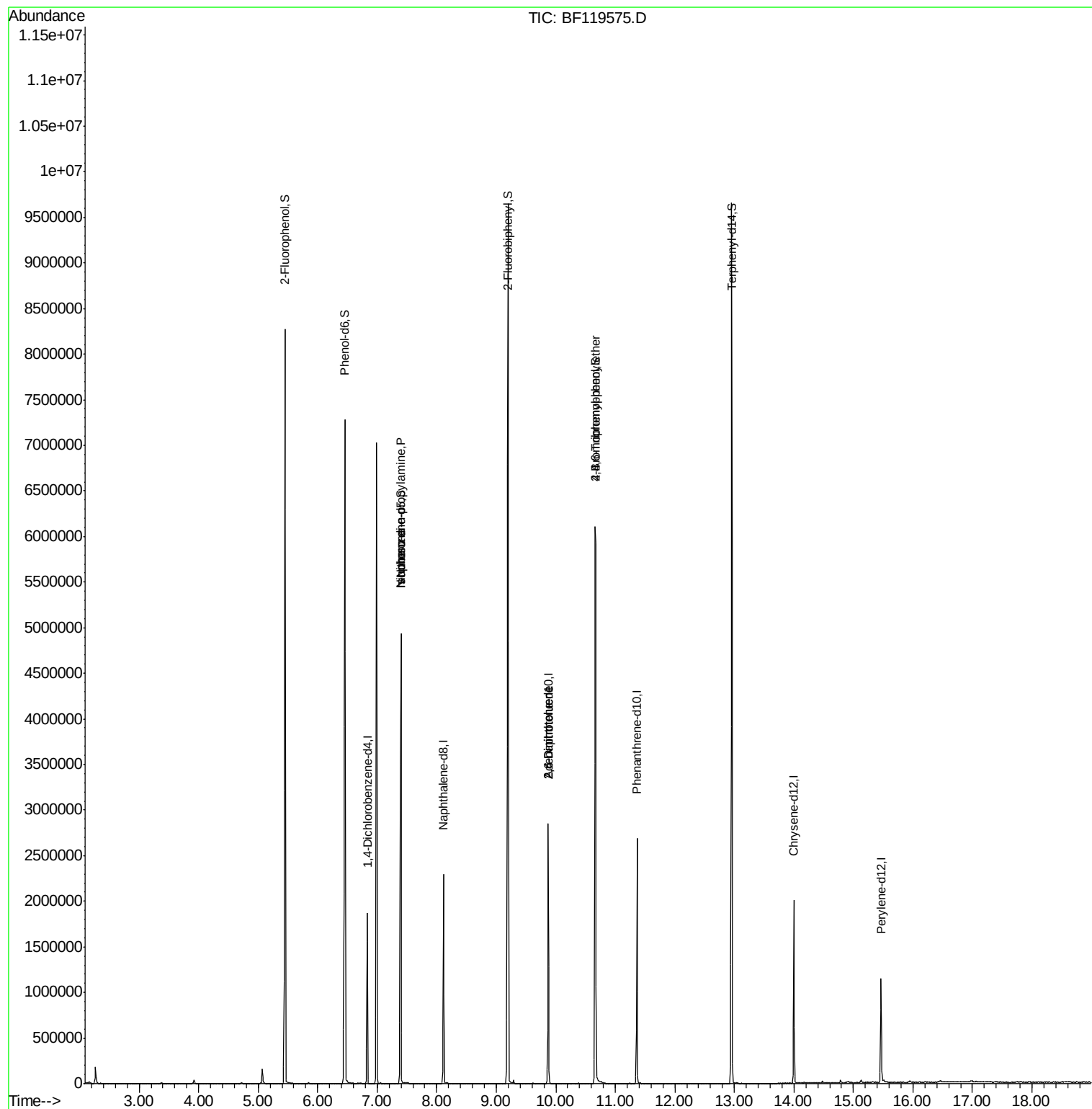
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	263669	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1002813	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	556294	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	972087	20.00	ng	0.00
76) Chrysene-d12	14.00	240	688111	20.00	ng	-0.01
87) Perylene-d12	15.46	264	553117	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2398107	144.79	ng	0.01
7) Phenol-d6	6.46	99	2998906	141.74	ng	0.00
23) Nitrobenzene-d5	7.40	82	1893320	102.61	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	851474	148.36	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3330640	88.70	ng	0.00
79) Terphenyl-d14	12.96	244	3712426	105.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	253177	19.85	ng	# 75
25) Isophorone	7.40	82	1876998	50.15	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	71607	8.45	ng	# 26
57) 2,4-Dinitrotoluene	9.87	165	71607	6.71	ng	# 20
67) 4-Bromophenyl-phenylether	10.67	248	52777	4.77	ng	# 1

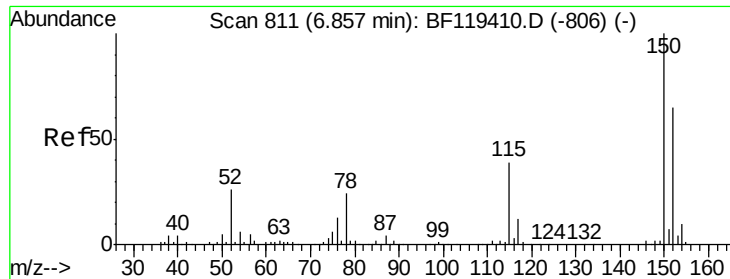
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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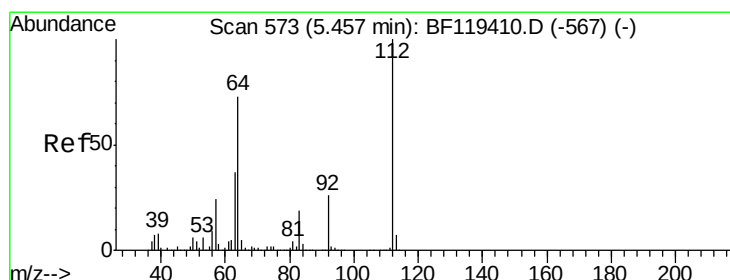
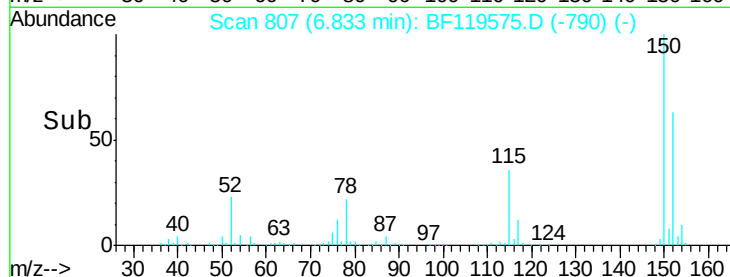
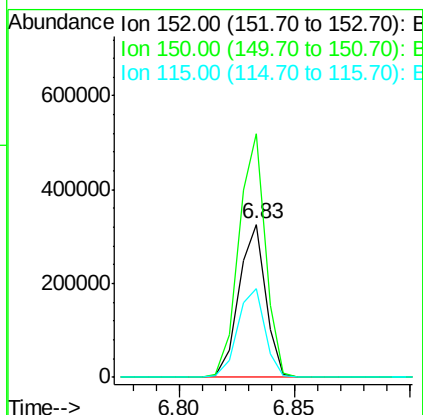
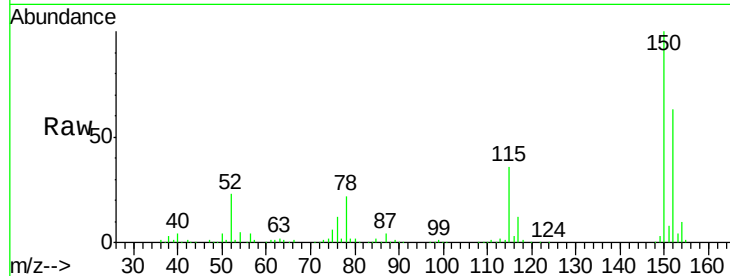


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119575.D
Acq: 27 Mar 2020 18:55

Instrument :
BNA_F
ClientSampleId :
PB127867BL

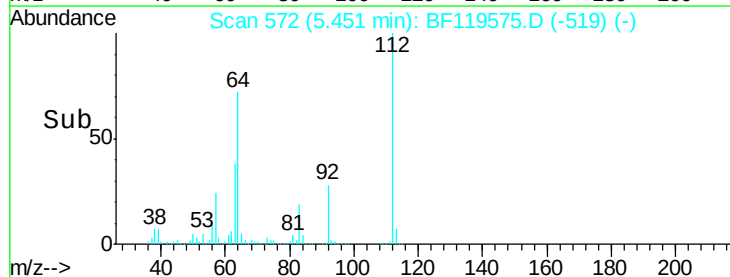
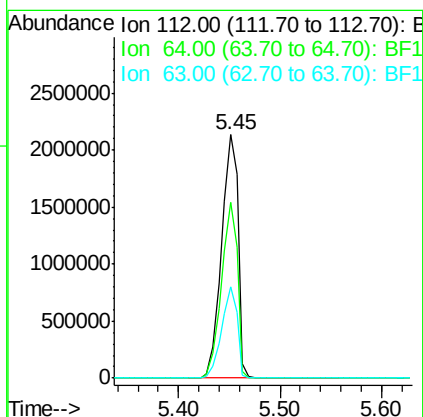
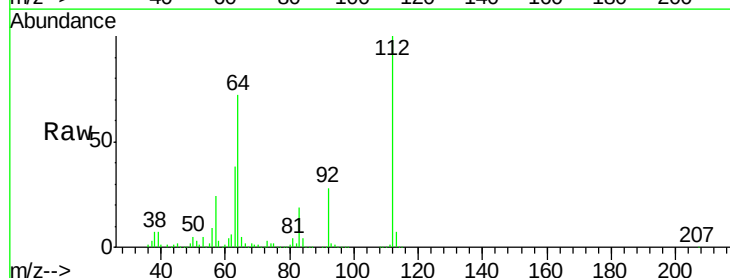
Tgt Ion:152 Resp: 263669
Ion Ratio Lower Upper
152 100
150 158.9 124.5 186.7
115 57.8 49.6 74.4

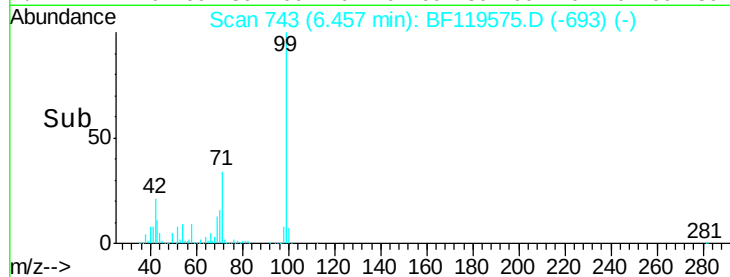
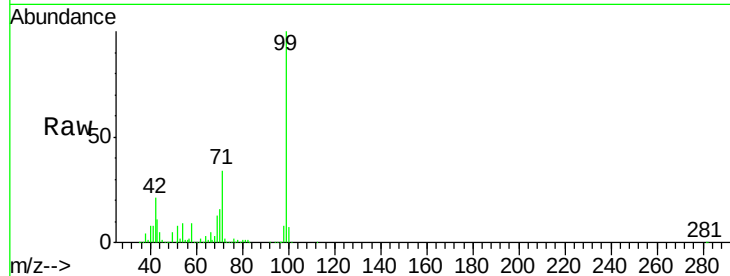
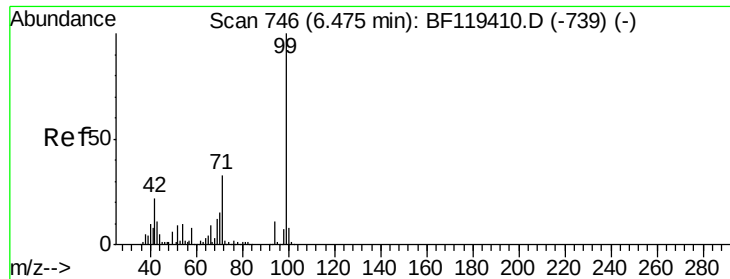


#5

2-Fluorophenol
Concen: 144.79 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF119575.D
Acq: 27 Mar 2020 18:55

Tgt Ion:112 Resp: 2398107
Ion Ratio Lower Upper
112 100
64 72.0 56.7 85.1
63 37.6 29.5 44.3





#7

Phenol-d6

Concen: 141.74 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119575.D

Acq: 27 Mar 2020 18:55

Instrument :

BNA_F

ClientSampleId :

PB127867BL

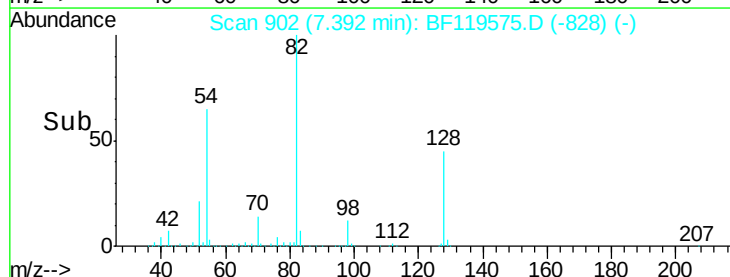
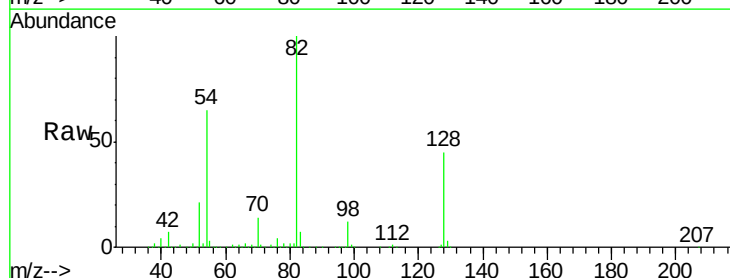
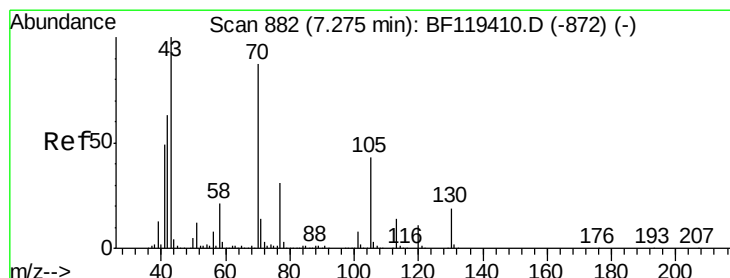
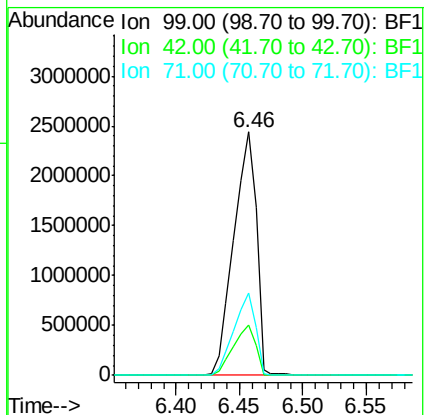
Tgt Ion: 99 Resp: 2998906

Ion Ratio Lower Upper

99 100

42 20.9 16.6 24.8

71 34.0 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 19.85 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119575.D

Acq: 27 Mar 2020 18:55

Tgt Ion: 70 Resp: 253177

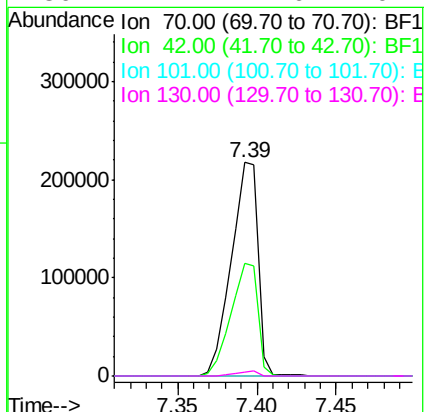
Ion Ratio Lower Upper

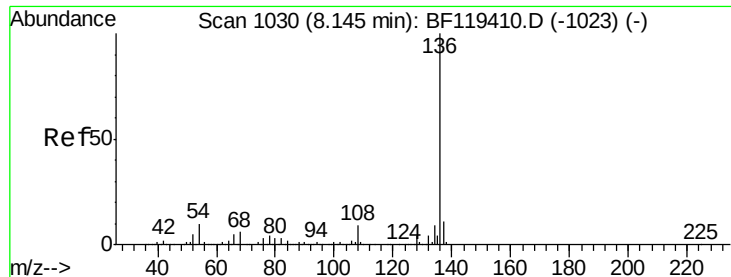
70 100

42 52.7 54.5 81.7#

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#

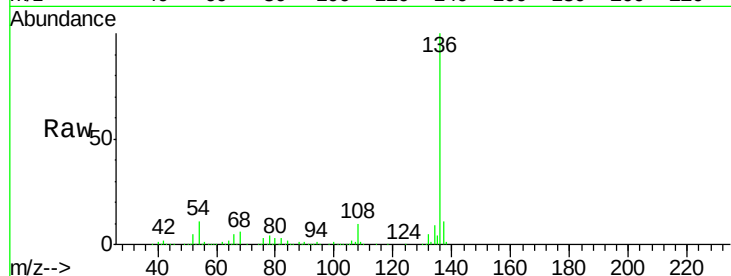




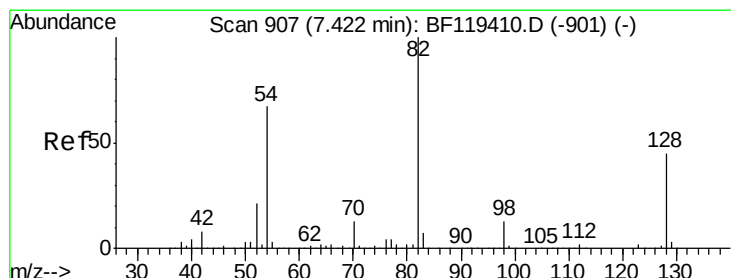
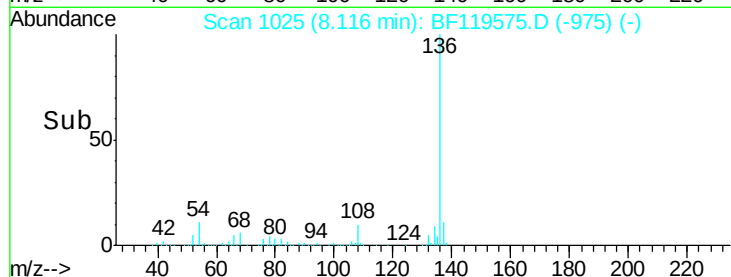
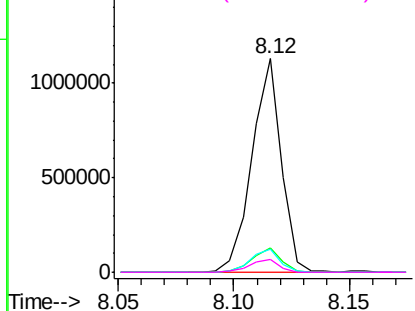
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119575.D
Acq: 27 Mar 2020 18:55

Instrument :
BNA_F
ClientSampleId :
PB127867BL

Tgt Ion:136 Resp: 1002813
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 10.9 9.1 13.7
68 5.9 4.6 6.8

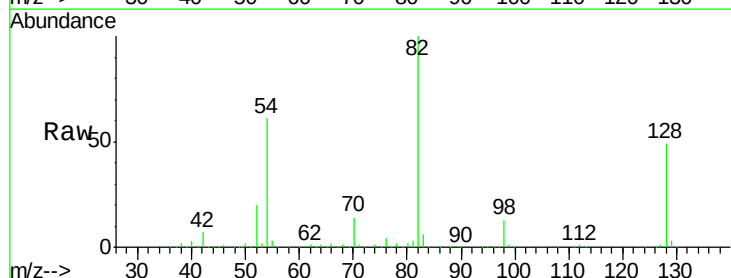


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

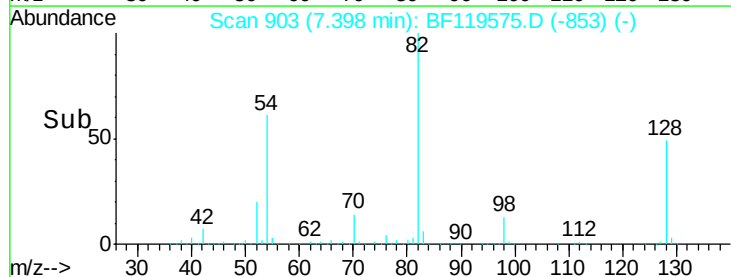
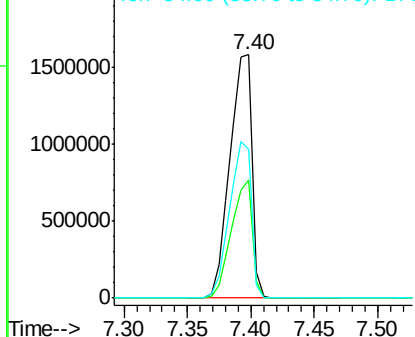


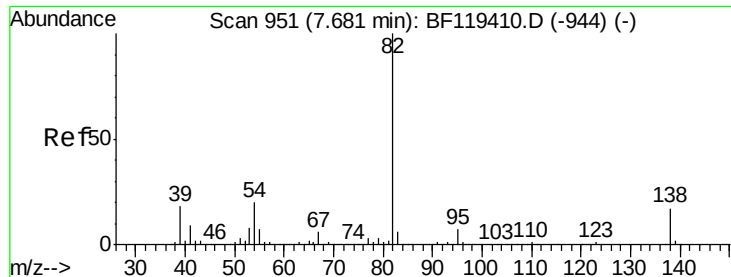
#23
Nitrobenzene-d5
Concen: 102.61 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119575.D
Acq: 27 Mar 2020 18:55

Tgt Ion: 82 Resp: 1893320
Ion Ratio Lower Upper
82 100
128 48.7 36.3 54.5
54 61.4 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: 50.15 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF119575.D

Acq: 27 Mar 2020 18:55

Instrument :

BNA_F

ClientSampleId :

PB127867BL

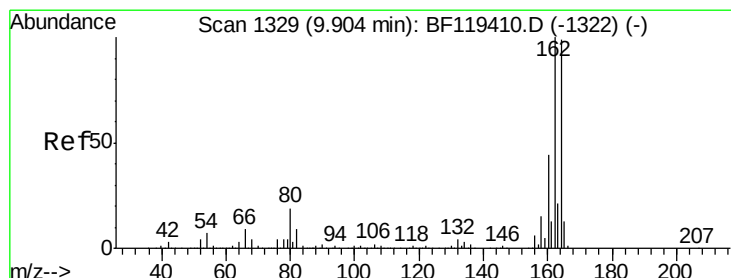
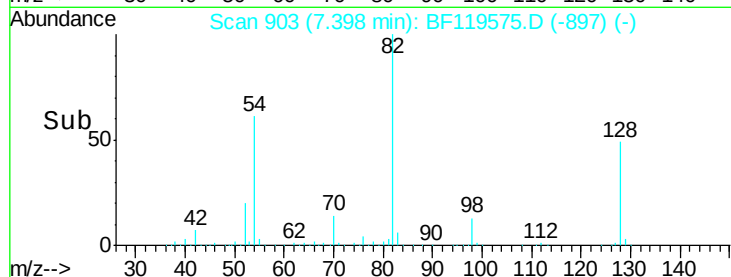
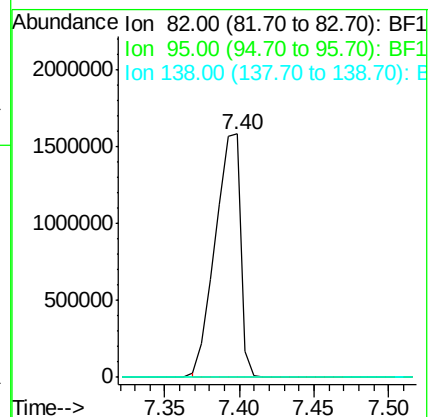
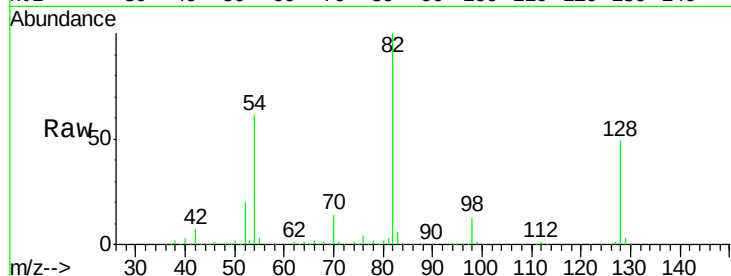
Tgt Ion: 82 Resp: 1876998

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119575.D

Acq: 27 Mar 2020 18:55

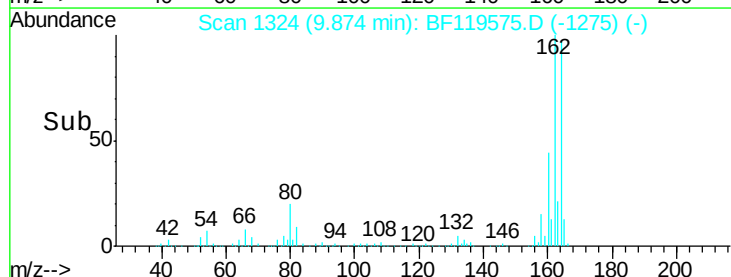
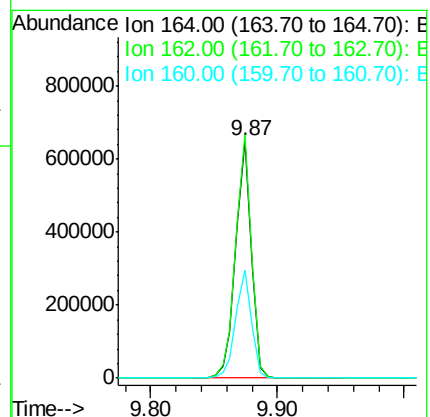
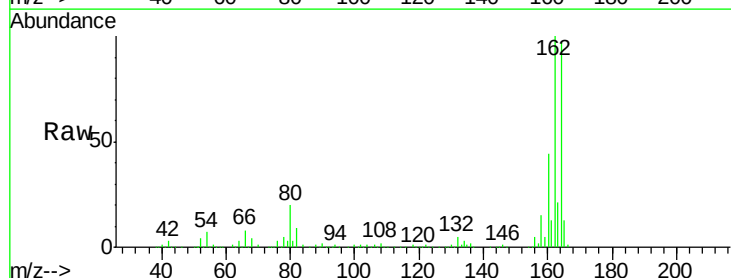
Tgt Ion: 164 Resp: 556294

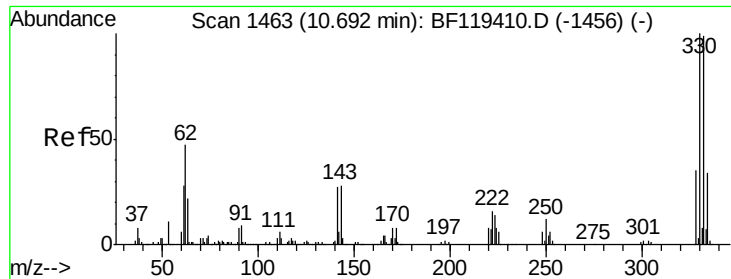
Ion Ratio Lower Upper

164 100

162 102.6 80.6 121.0

160 45.3 35.7 53.5

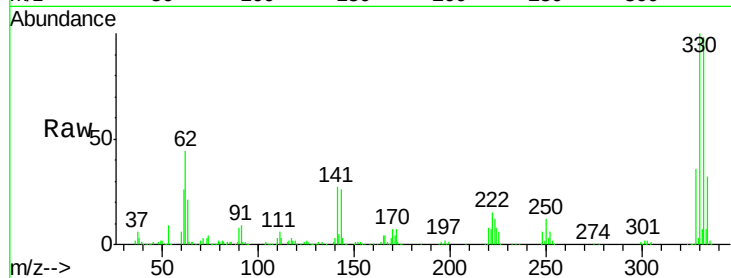




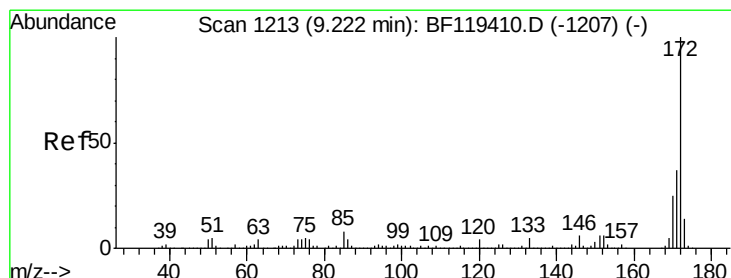
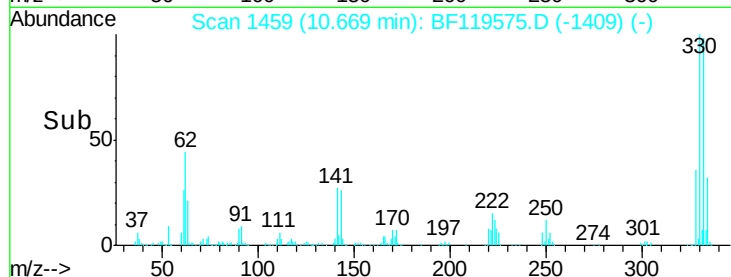
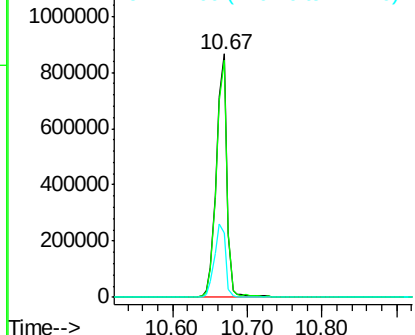
#42
 2,4,6-Tribromophenol
 Concen: 148.36 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF119575.D
 Acq: 27 Mar 2020 18:55

Instrument :
 BNA_F
 ClientSampleId :
 PB127867BL

Tgt Ion:330 Resp: 851474
 Ion Ratio Lower Upper
 330 100
 332 97.7 75.7 113.5
 141 31.7 25.4 38.0

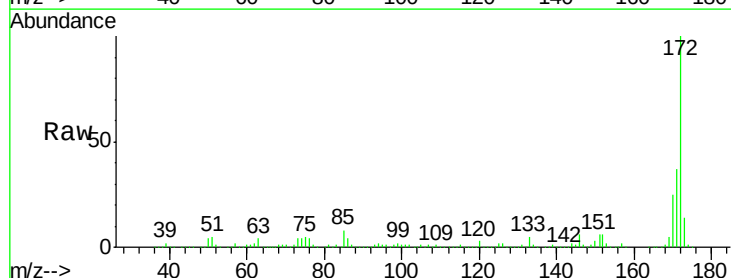


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

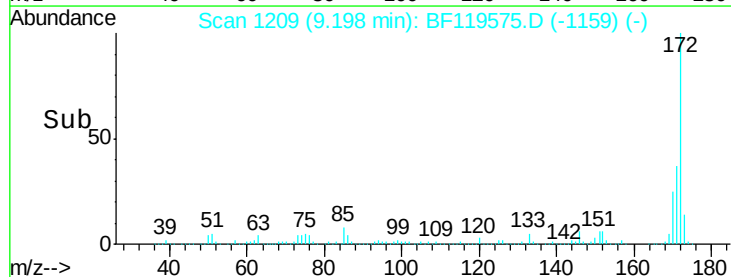
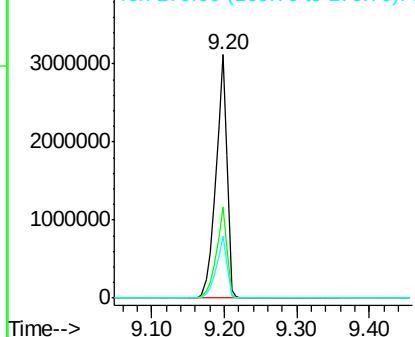


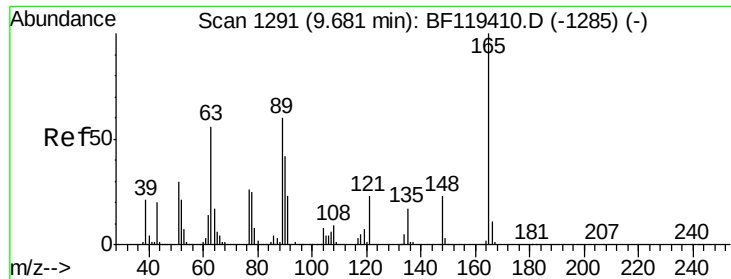
#45
 2-Fluorobiphenyl
 Concen: 88.70 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF119575.D
 Acq: 27 Mar 2020 18:55

Tgt Ion:172 Resp: 3330640
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 25.4 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

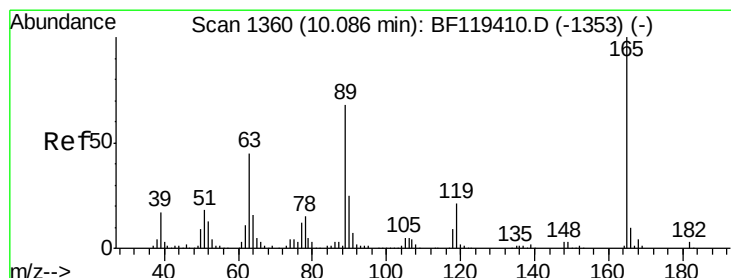
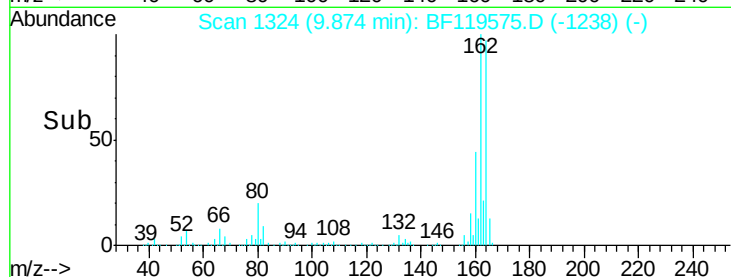
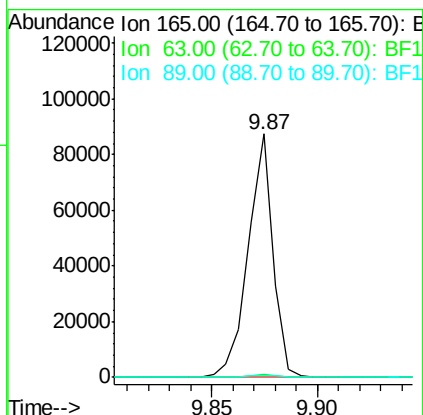
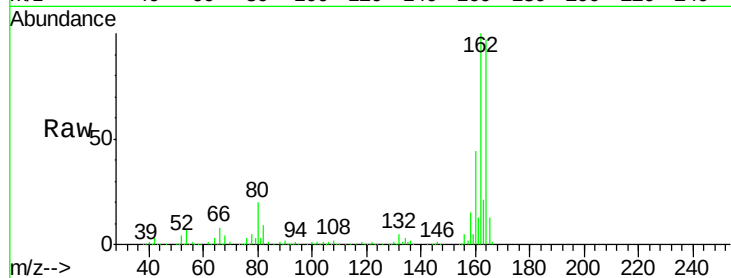




#51
 2,6-Dinitrotoluene
 Concen: 8.45 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.21 min
 Lab File: BF119575.D
 Acq: 27 Mar 2020 18:55

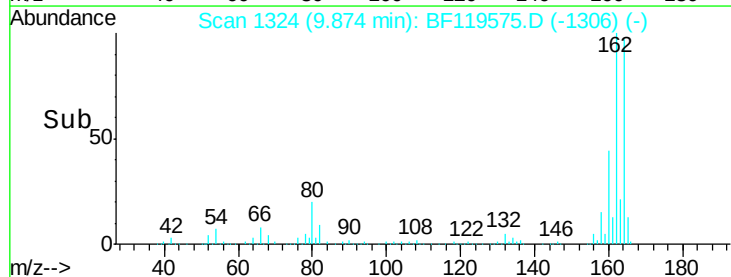
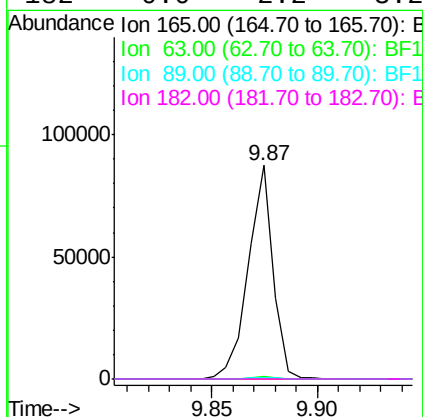
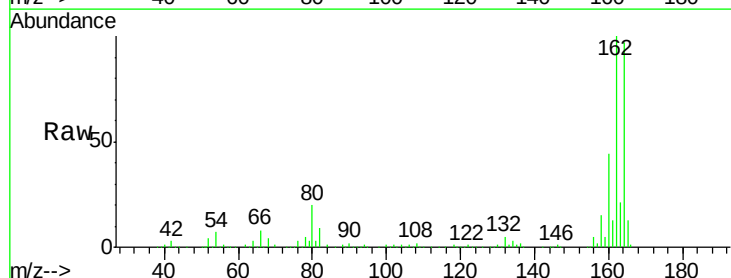
Instrument :
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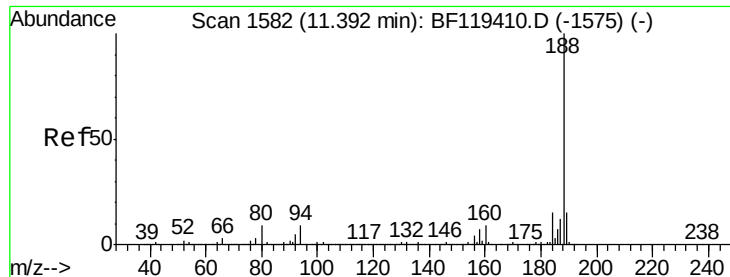
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	45.0	67.4#
89	0.9	41.5	62.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.71 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.19 min
 Lab File: BF119575.D
 Acq: 27 Mar 2020 18:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.6	64.0#
89	0.9	61.0	91.4#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF119575.D

Acq: 27 Mar 2020 18:55

Instrument :

BNA_F

ClientSampleId :

PB127867BL

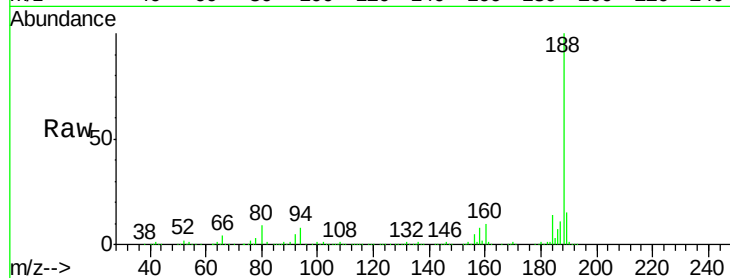
Tgt Ion:188 Resp: 972087

Ion Ratio Lower Upper

188 100

94 8.4 7.5 11.3

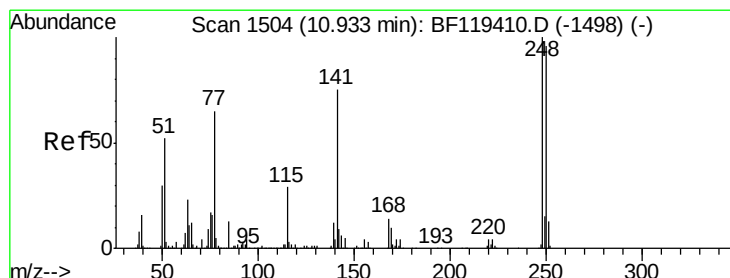
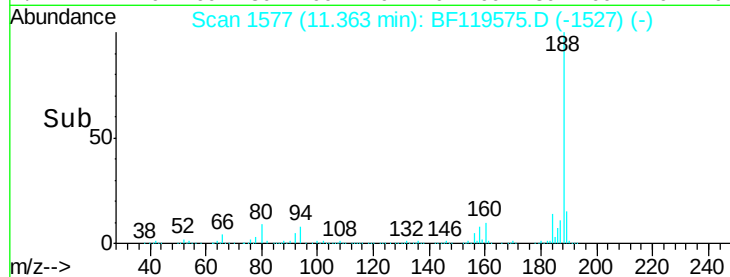
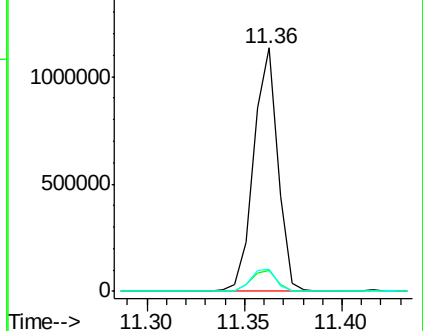
80 9.3 9.0 13.4



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: 4.77 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.25 min

Lab File: BF119575.D

Acq: 27 Mar 2020 18:55

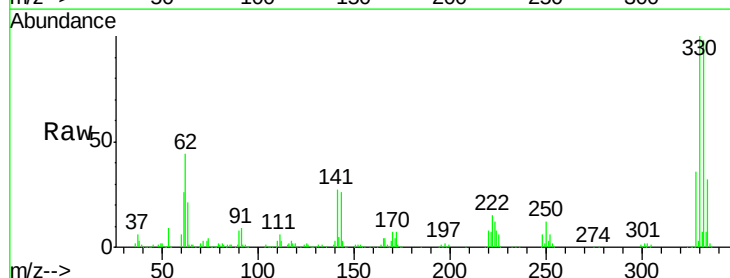
Tgt Ion:248 Resp: 52777

Ion Ratio Lower Upper

248 100

250 201.3 77.3 115.9#

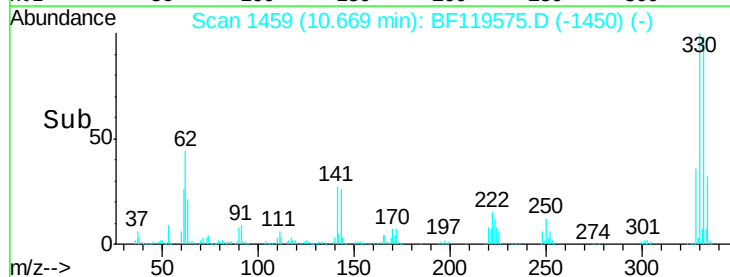
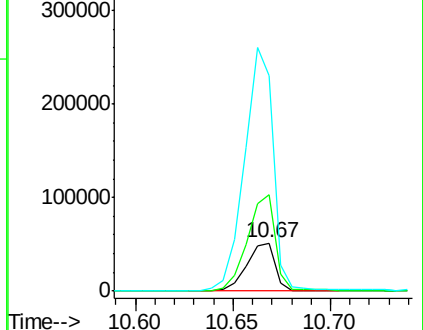
141 449.1 58.6 87.8#

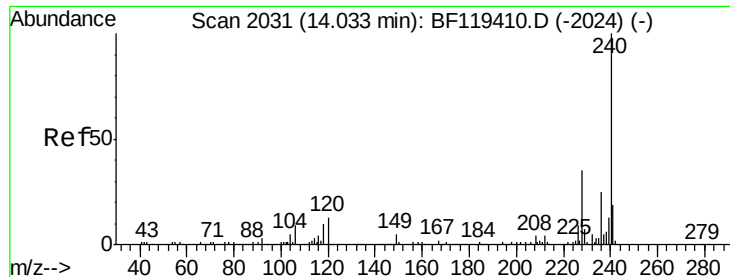


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF119575.D

Acq: 27 Mar 2020 18:55

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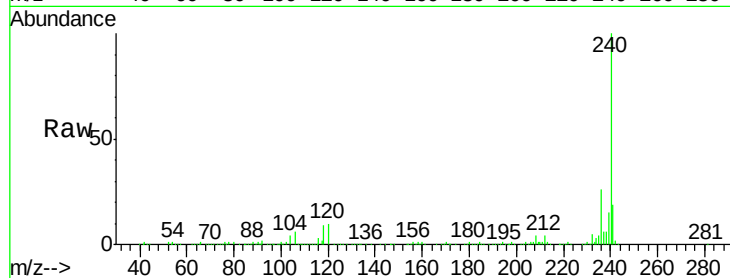
Tgt Ion:240 Resp: 688111

Ion Ratio Lower Upper

240 100

120 9.9 10.6 15.8#

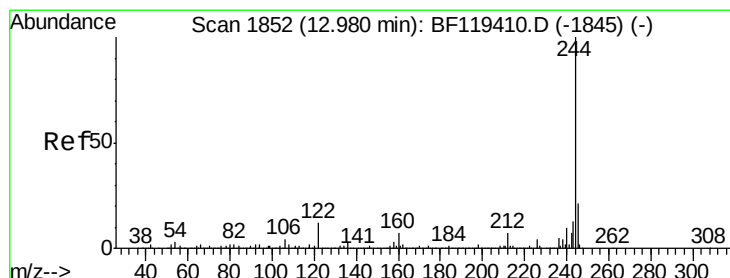
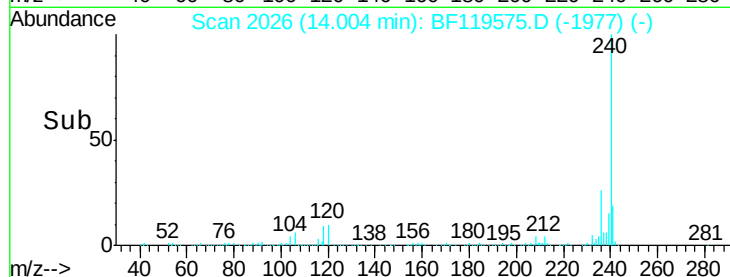
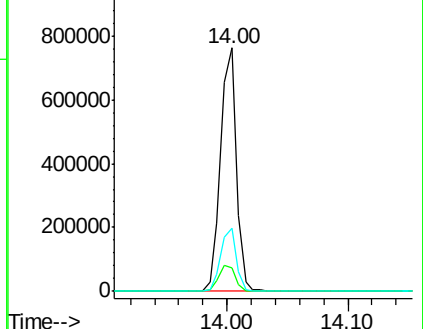
236 26.0 20.2 30.2



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: 105.70 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119575.D

Acq: 27 Mar 2020 18:55

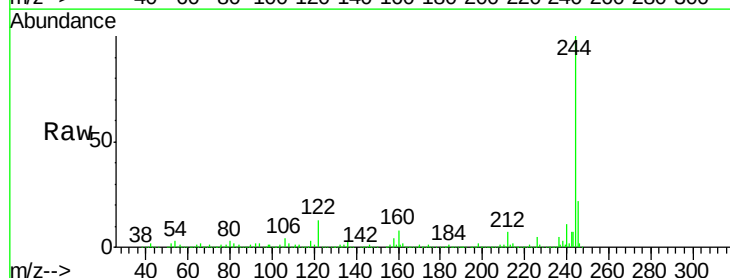
Tgt Ion:244 Resp: 3712426

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

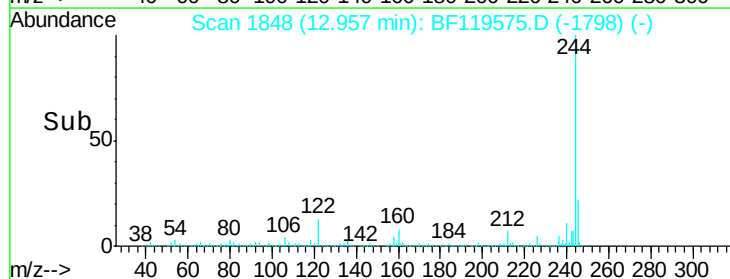
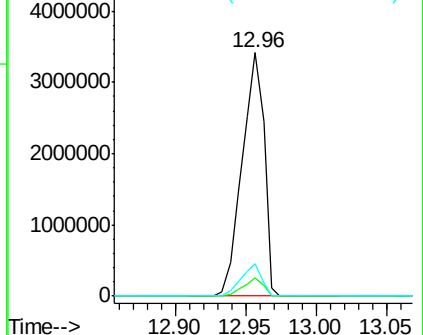
122 13.5 10.3 15.5

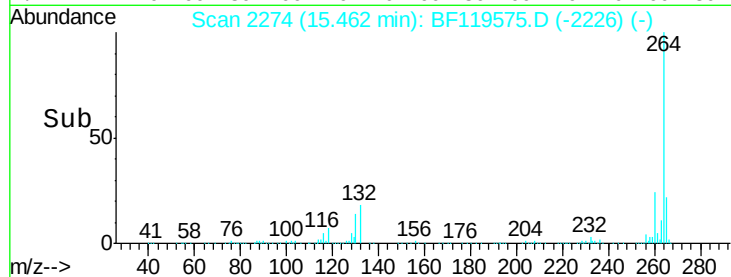
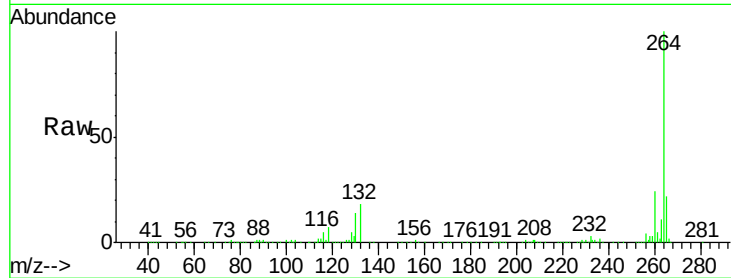
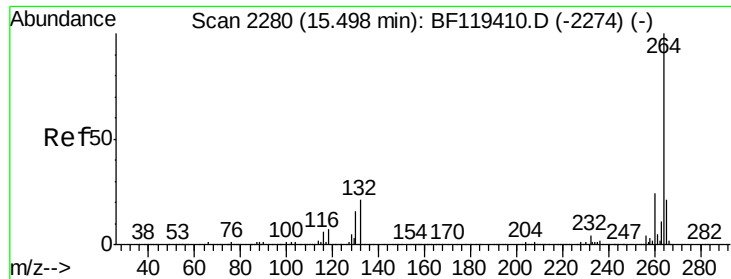


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF119575.D

Acq: 27 Mar 2020 18:55

Instrument :

BNA_F

ClientSampleId :

PB127867BL

Tgt Ion: 264 Resp: 553117

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.5 17.7 26.5

