

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119726.D
 Acq On : 3 Apr 2020 18:24
 Operator : MA/SJ
 Sample : L2101-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01

Quant Time: Apr 03 19:01:19 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	6.80	152	204079	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	767048	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	394966	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	759105	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	571549	20.00	ng	-0.03
87) Perylene-d12	15.42	264	491409	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.44	112	1808611	141.08	ng	0.02
7) Phenol-d6	6.44	99	2075966	126.77	ng	0.00
23) Nitrobenzene-d5	7.37	82	1518658	107.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	692286	169.90	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	2698151	101.20	ng	-0.01
79) Terphenyl-d14	12.93	244	3117747	106.87	ng	-0.01

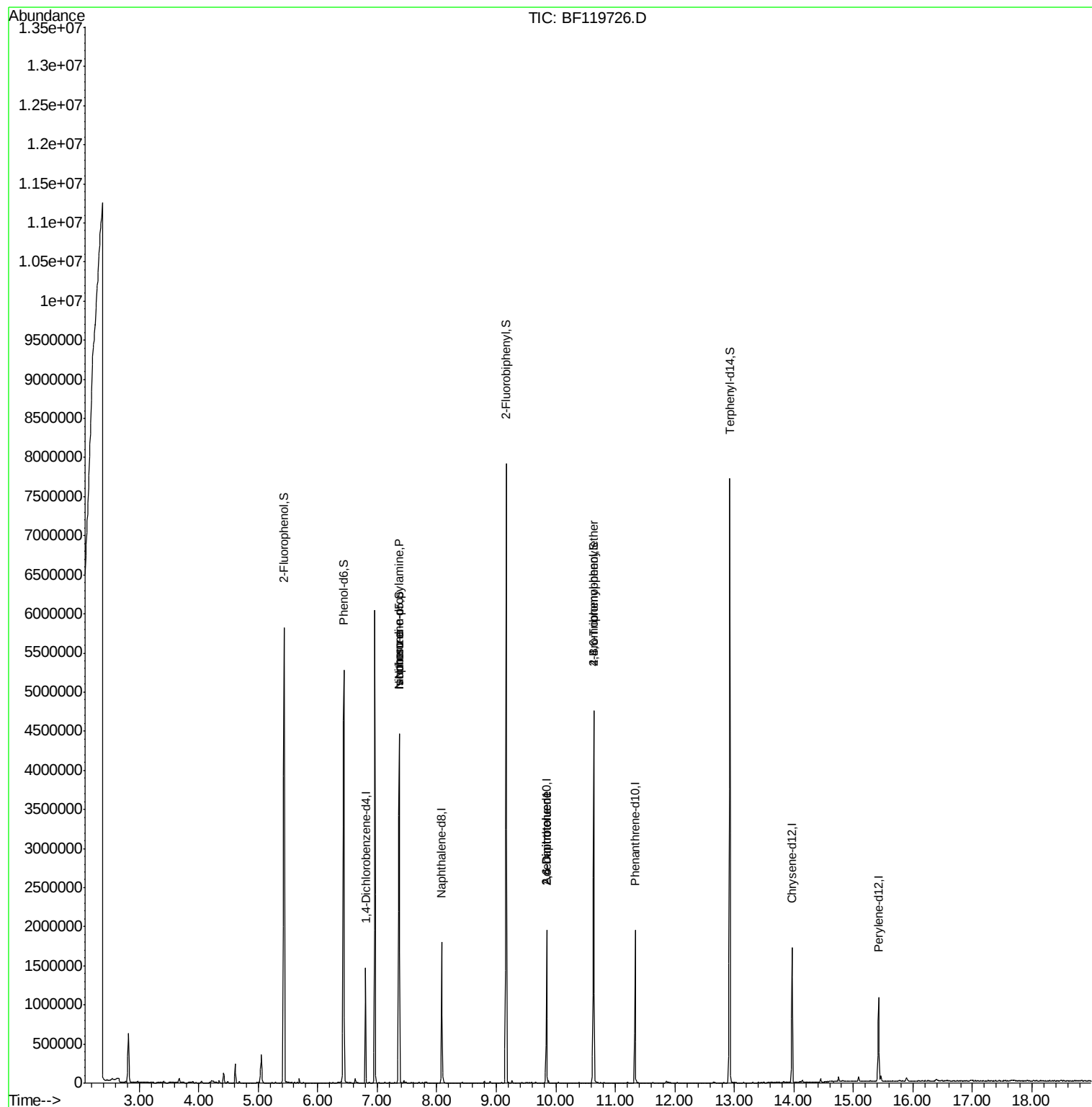
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	198154	20.075	ng	# 74
25) Isophorone	7.37	82	1515953	52.950	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	51073	8.493	ng	# 27
57) 2,4-Dinitrotoluene	9.85	165	51073	6.742	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	41088	4.753	ng	# 1

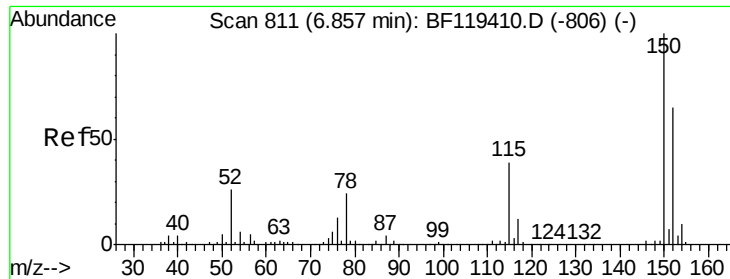
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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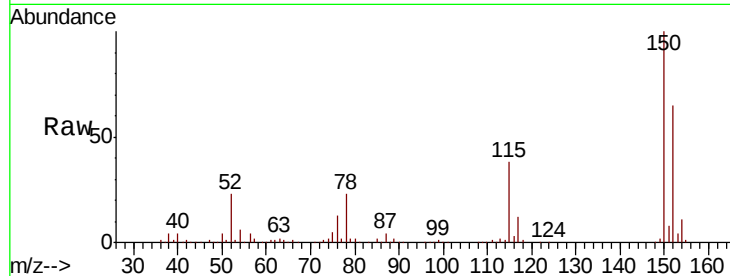


#1

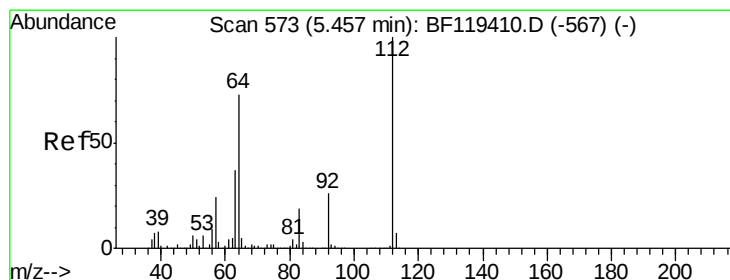
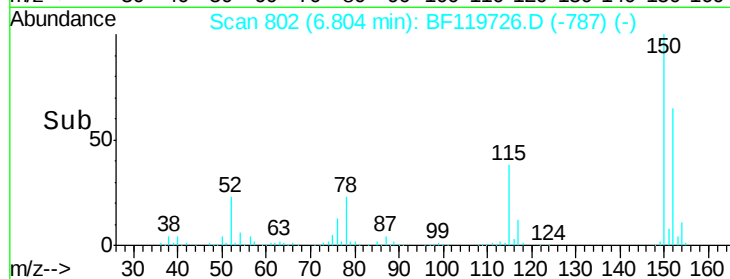
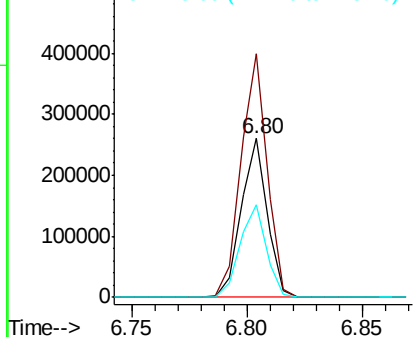
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF119726.D
Acq: 3 Apr 2020 18:24

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01

Tot Ion:152 Resp: 204079
Ion Ratio Lower Upper
152 100
150 153.3 124.5 186.7
115 58.0 49.6 74.4



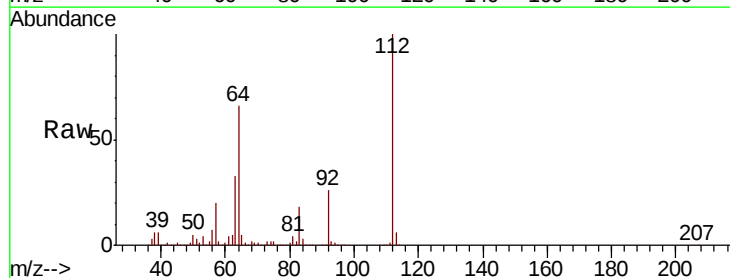
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



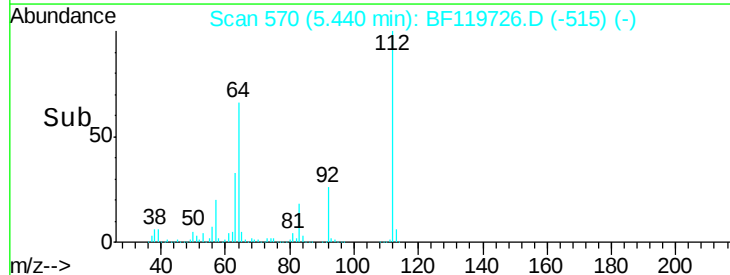
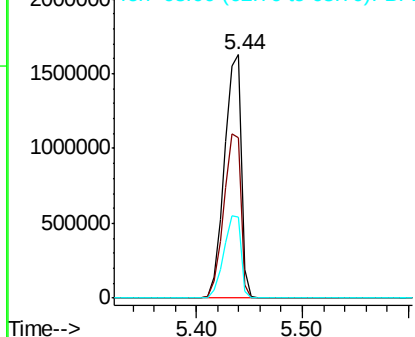
#5

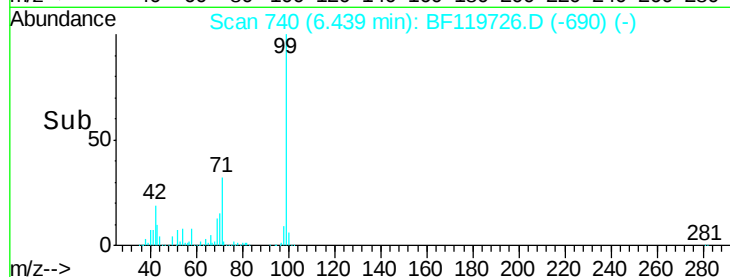
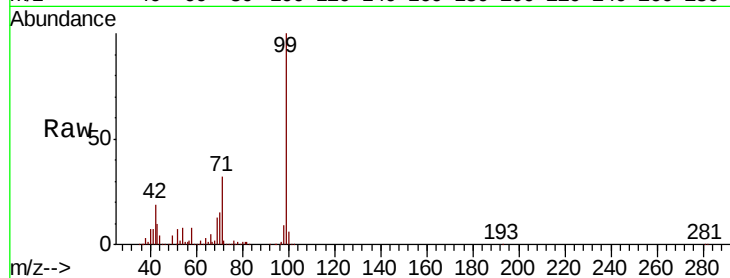
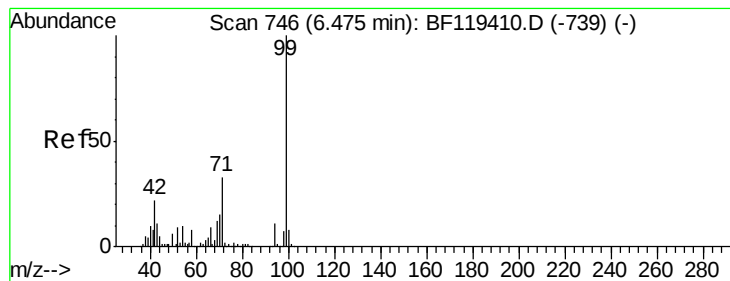
2-Fluorophenol
Concen: 141.080 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF119726.D
Acq: 3 Apr 2020 18:24

Tgt Ion:112 Resp: 1808611
Ion Ratio Lower Upper
112 100
64 65.6 56.7 85.1
63 33.1 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: 126.766 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF119726.D

Acq: 3 Apr 2020 18:24

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01

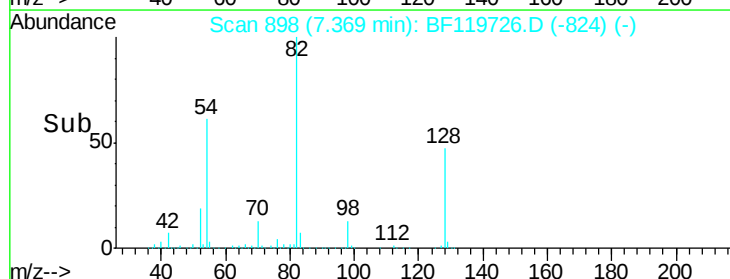
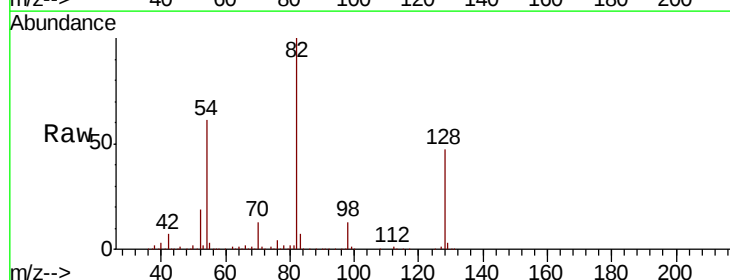
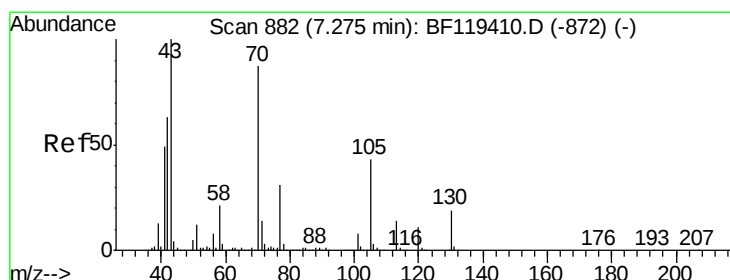
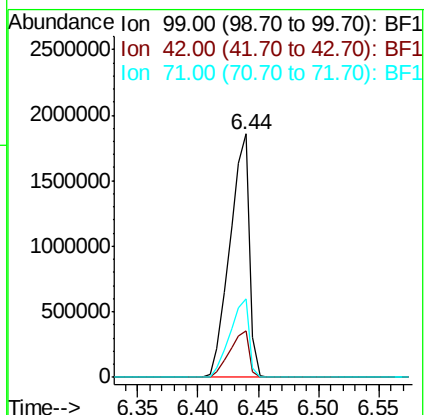
Tot Ion: 99 Resp: 2075966

Ion Ratio Lower Upper

99 100

42 19.1 16.6 24.8

71 32.3 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 20.075 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF119726.D

Acq: 3 Apr 2020 18:24

Tgt Ion: 70 Resp: 198154

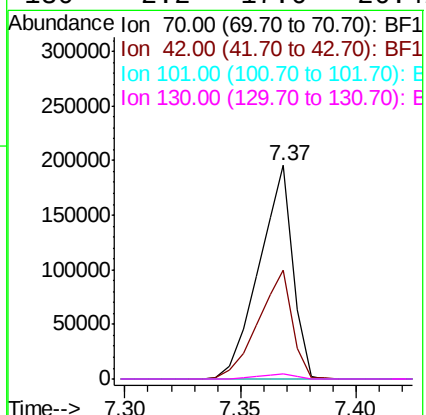
Ion Ratio Lower Upper

70 100

42 51.1 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119726.D

Acq: 3 Apr 2020 18:24

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01

Tot Ion:136 Resp: 767048

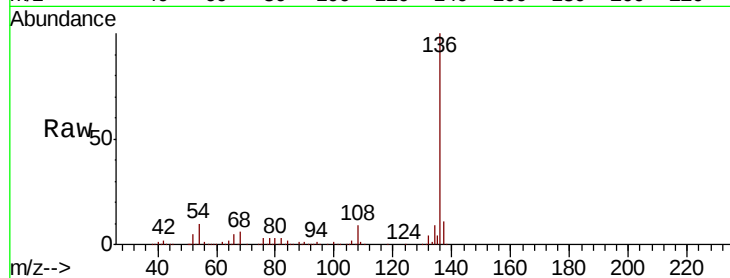
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.3 9.1 13.7

68 6.0 4.6 6.8

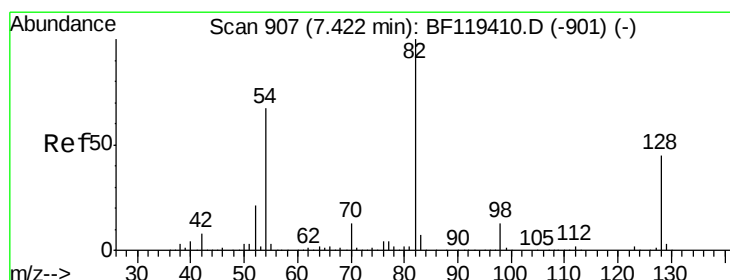
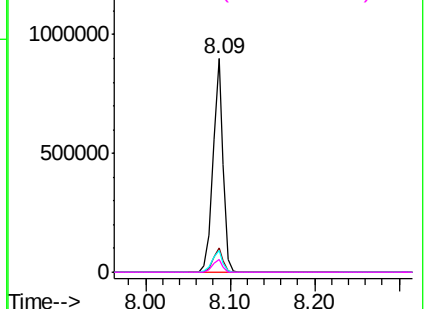
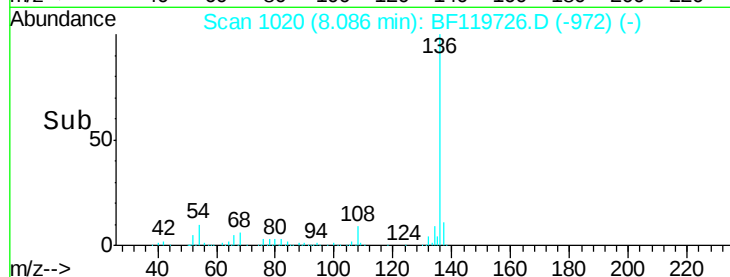


Abundance Ion 136.00 (135.70 to 136.70): E

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: 107.602 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF119726.D

Acq: 3 Apr 2020 18:24

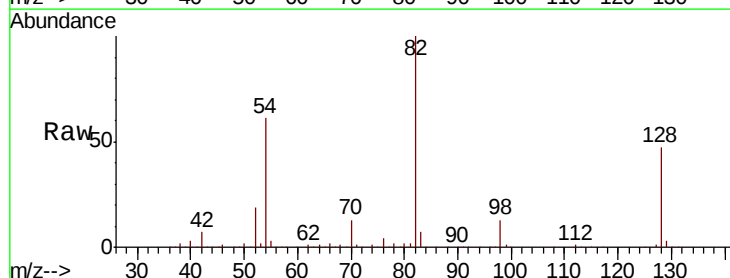
Tgt Ion: 82 Resp: 1518658

Ion Ratio Lower Upper

82 100

128 47.4 36.3 54.5

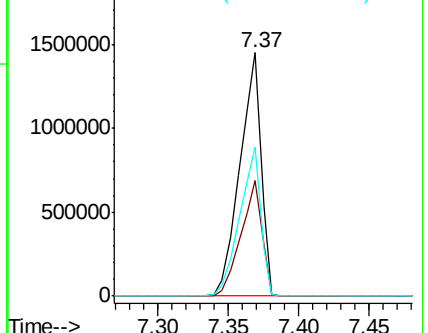
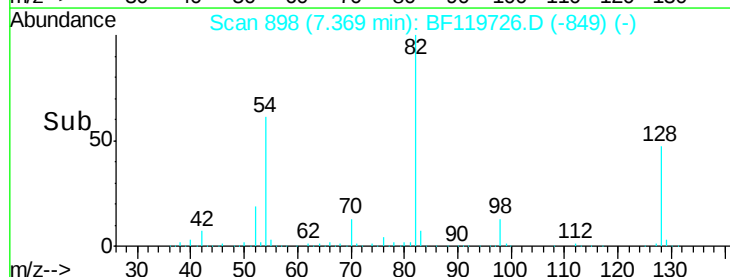
54 61.0 50.6 75.8



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: 52.950 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF119726.D

Acq: 3 Apr 2020 18:24

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01

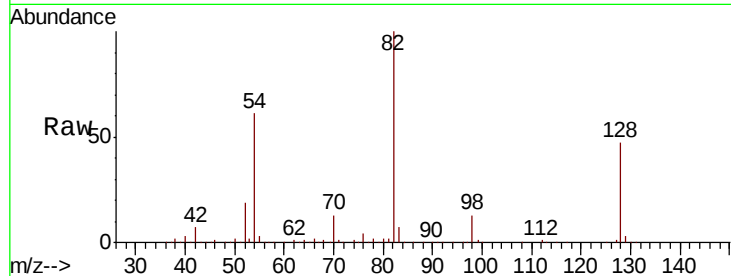
Tot Ion: 82 Resp: 1515953

Ion Ratio Lower Upper

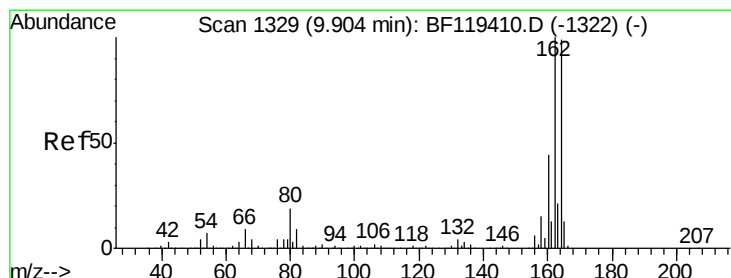
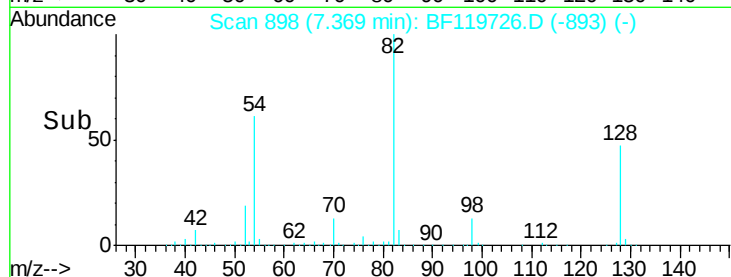
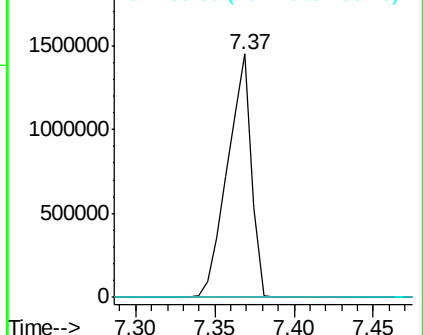
82 100

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: 9.85 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF119726.D

Acq: 3 Apr 2020 18:24

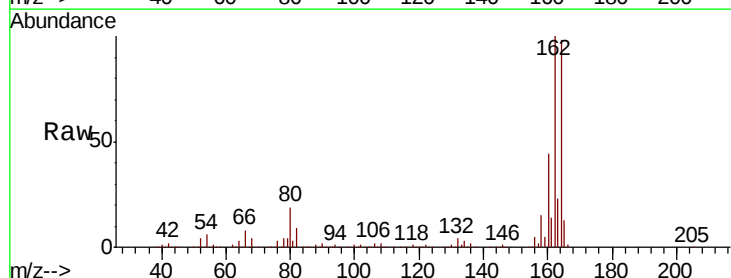
Tgt Ion:164 Resp: 394966

Ion Ratio Lower Upper

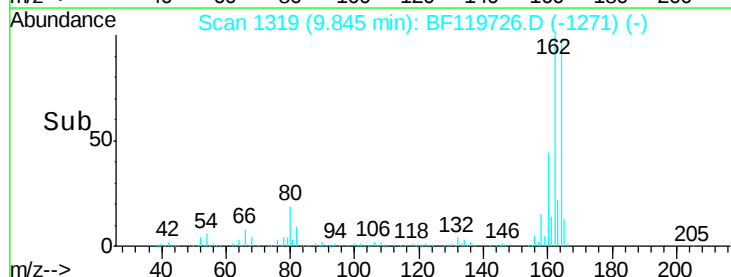
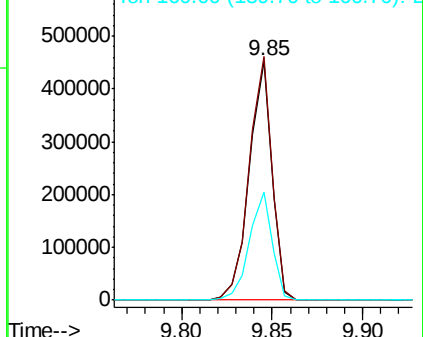
164 100

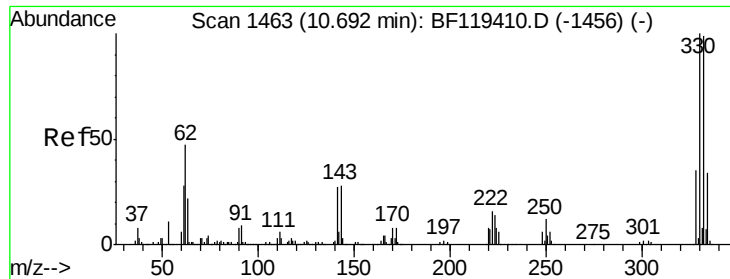
162 102.0 80.6 121.0

160 45.2 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

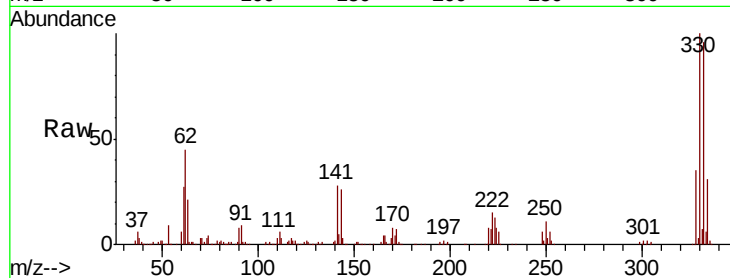




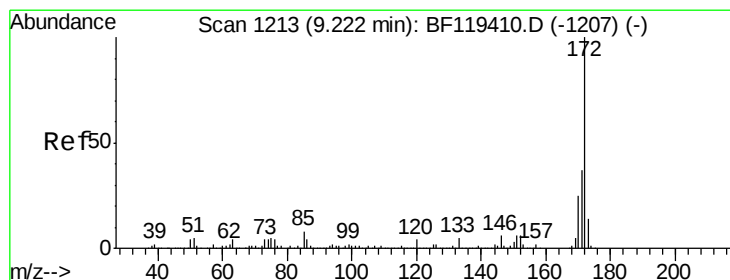
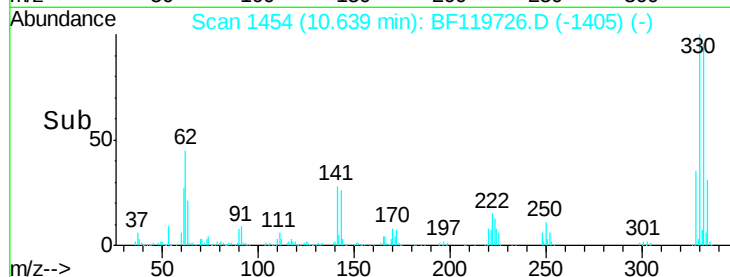
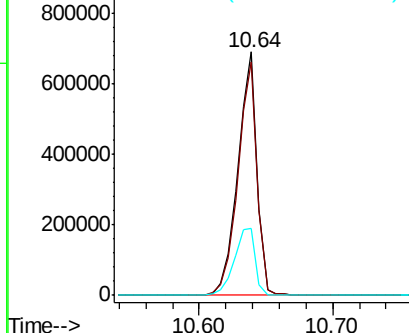
#42
 2,4,6-Tribromophenol
 Concen: 169.898 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF119726.D
 Acq: 3 Apr 2020 18:24

Instrument :
 BNA_F
 ClientSampleId :
 239-WC-S-SB-01

Tot Ion:330 Resp: 692286
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.7 113.5
 141 30.5 25.4 38.0

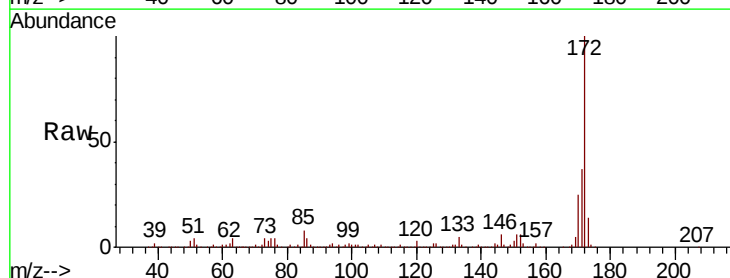


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

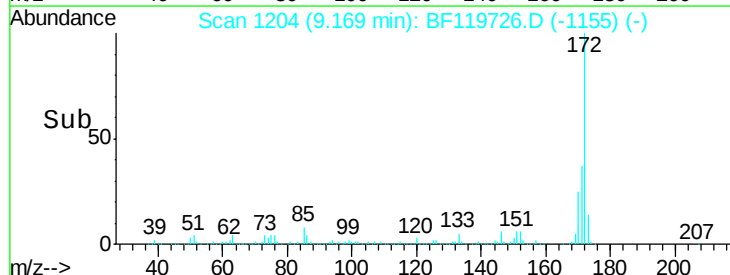
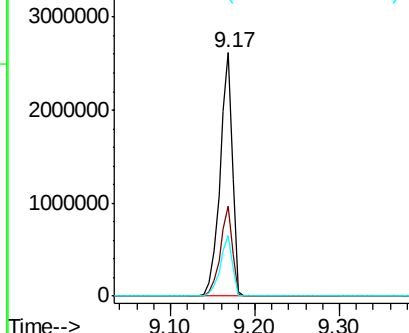


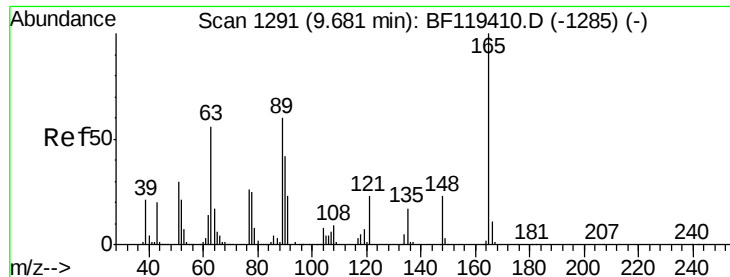
#45
 2-Fluorobiphenyl
 Concen: 101.205 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF119726.D
 Acq: 3 Apr 2020 18:24

Tgt Ion:172 Resp: 2698151
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 25.0 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: 8.493 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.20 min

Lab File: BF119726.D

Acq: 3 Apr 2020 18:24

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01

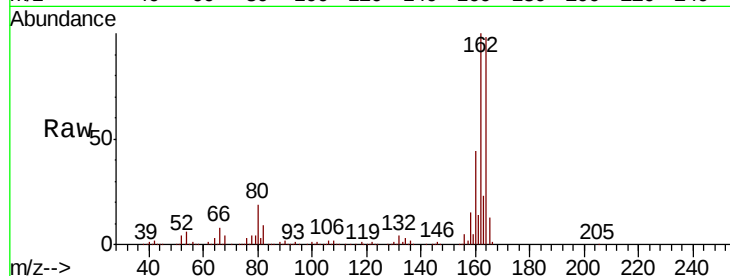
Tot Ion:165 Resp: 51073

Ion Ratio Lower Upper

165 100

63 1.6 45.0 67.4#

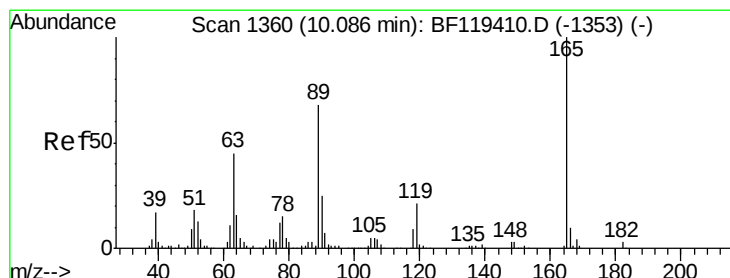
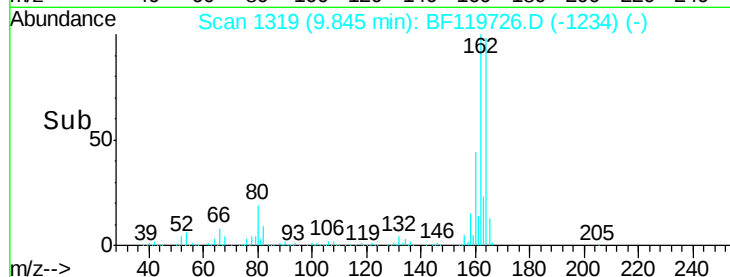
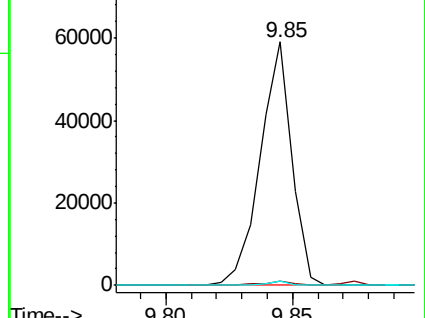
89 1.5 41.5 62.3#



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: 6.742 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF119726.D

Acq: 3 Apr 2020 18:24

Tgt Ion:165 Resp: 51073

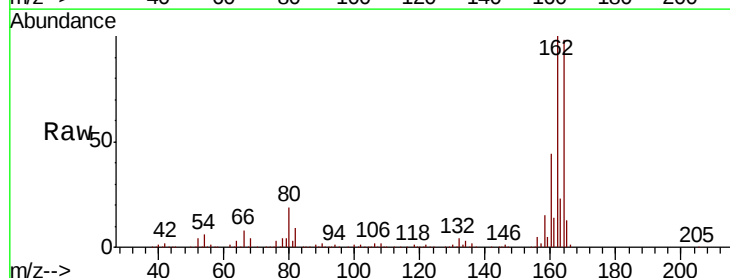
Ion Ratio Lower Upper

165 100

63 1.6 42.6 64.0#

89 1.5 61.0 91.4#

182 0.0 2.2 3.2#

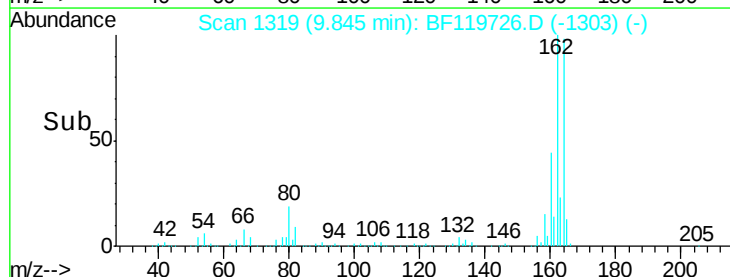
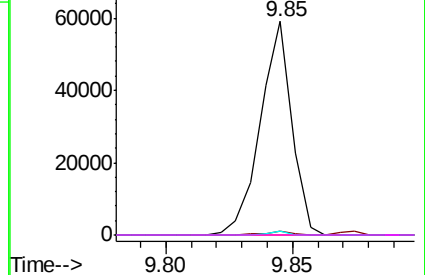


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.33 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BF119726.D

Acq: 3 Apr 2020 18:24

Instrument :

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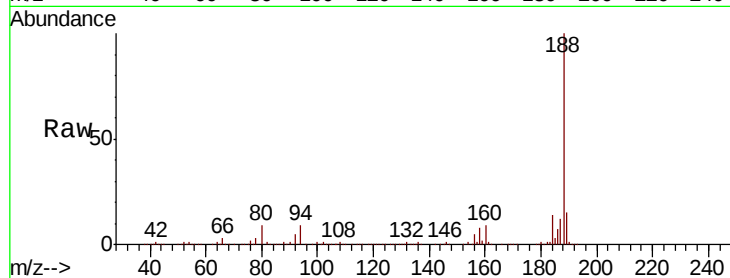
Tot Ion:188 Resp: 759105

Ion Ratio Lower Upper

188 100

94 8.5 7.5 11.3

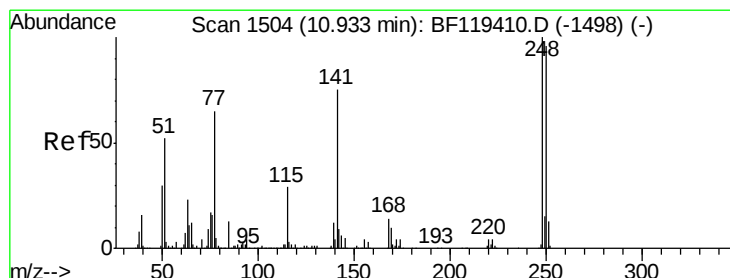
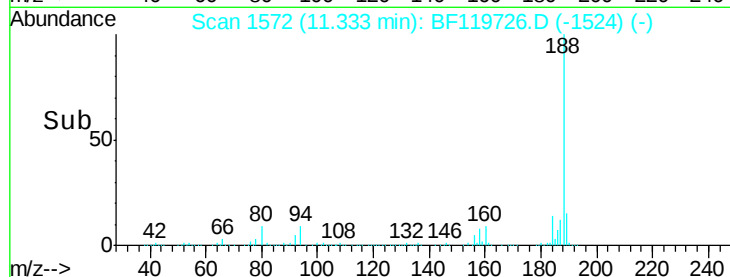
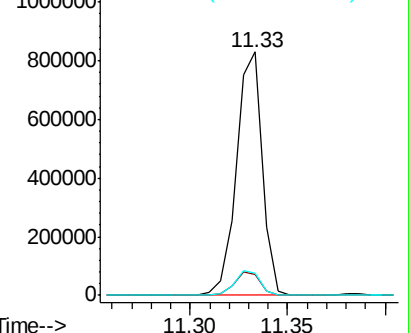
80 9.1 9.0 13.4



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: 4.753 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.25 min

Lab File: BF119726.D

Acq: 3 Apr 2020 18:24

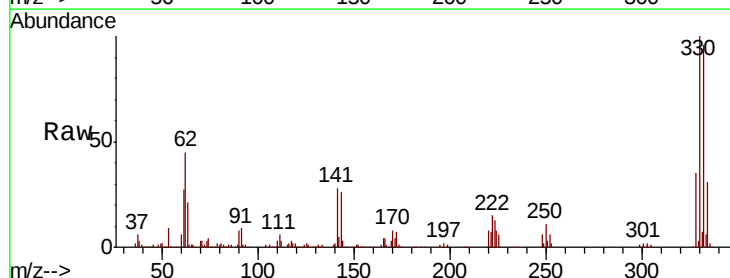
Tgt Ion:248 Resp: 41088

Ion Ratio Lower Upper

248 100

250 198.8 77.3 115.9#

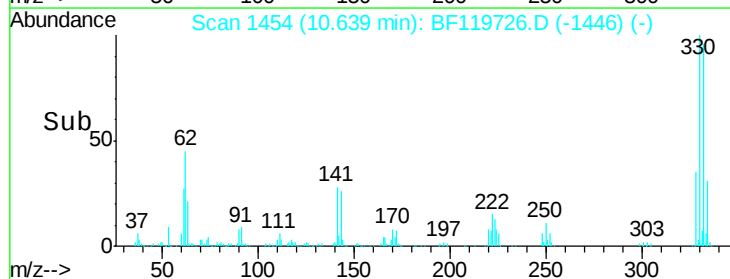
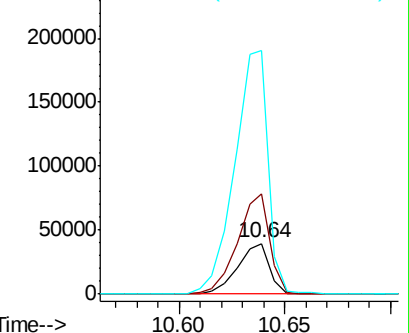
141 483.2 58.6 87.8#

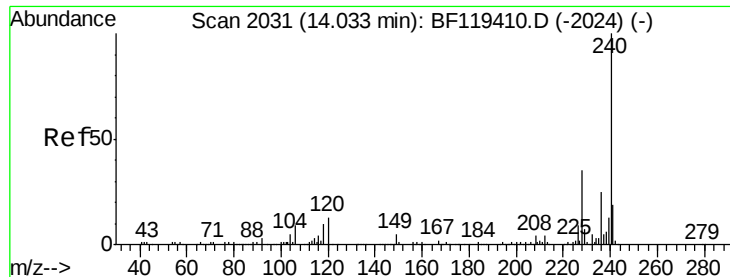


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF119726.D

Acq: 3 Apr 2020 18:24

Instrument :

BNA_F

ClientSampleId :

239-WC-S-SB-01

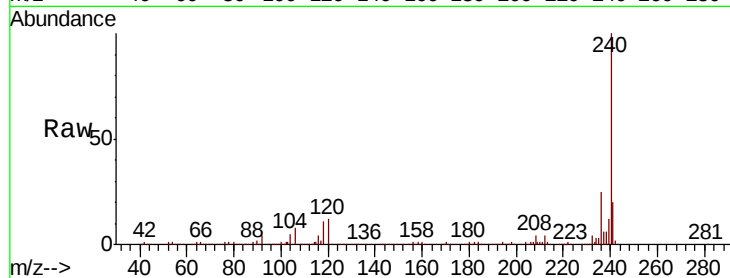
Tot Ion:240 Resp: 571549

Ion Ratio Lower Upper

240 100

120 12.5 10.6 15.8

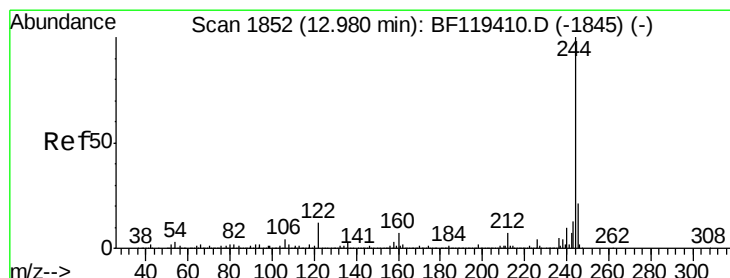
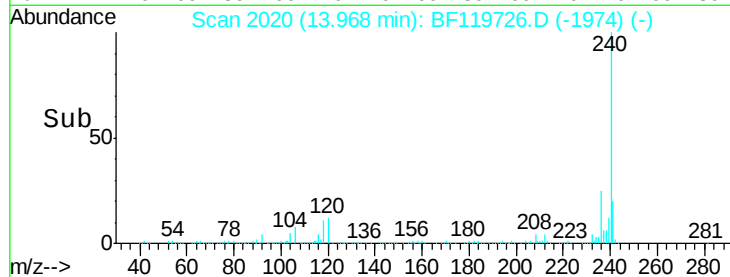
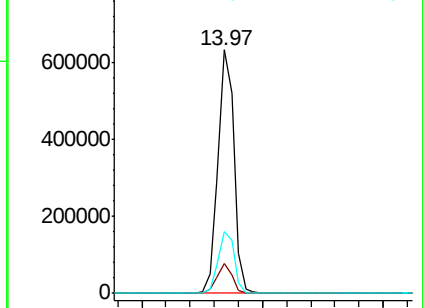
236 25.4 20.2 30.2



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: 106.873 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119726.D

Acq: 3 Apr 2020 18:24

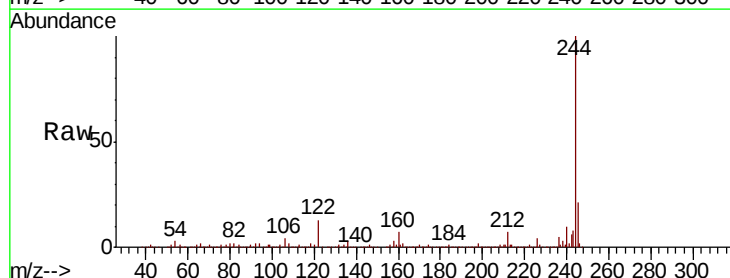
Tgt Ion:244 Resp: 3117747

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

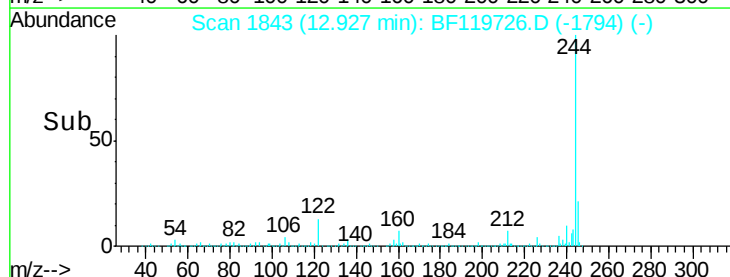
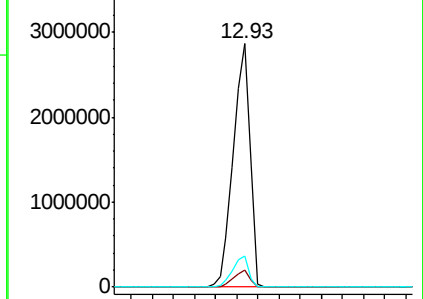
122 12.8 10.3 15.5

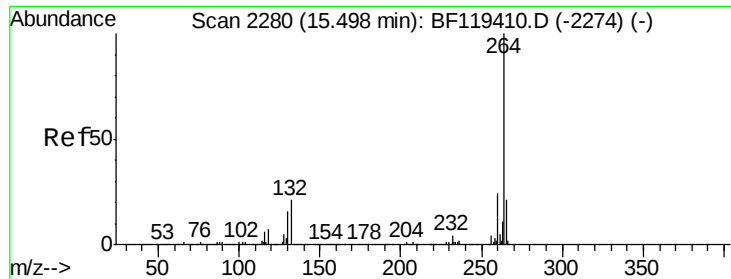


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

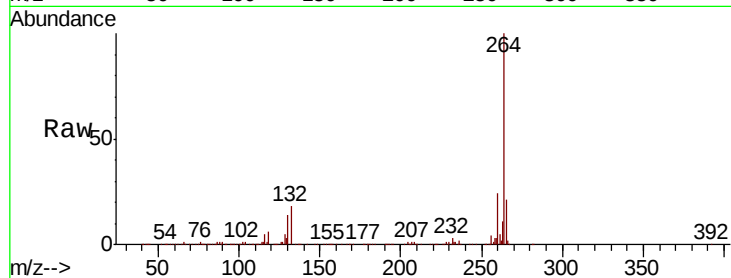




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BF119726.D
Acq: 3 Apr 2020 18:24

Instrument :
BNA_F
ClientSampleId :
239-WC-S-SB-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.4	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

