

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040320\
 Data File : BF119736.D
 Acq On : 3 Apr 2020 23:54
 Operator : MA/SJ
 Sample : L2104-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHASSIE-WASH

Quant Time: Apr 04 00:56:30 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

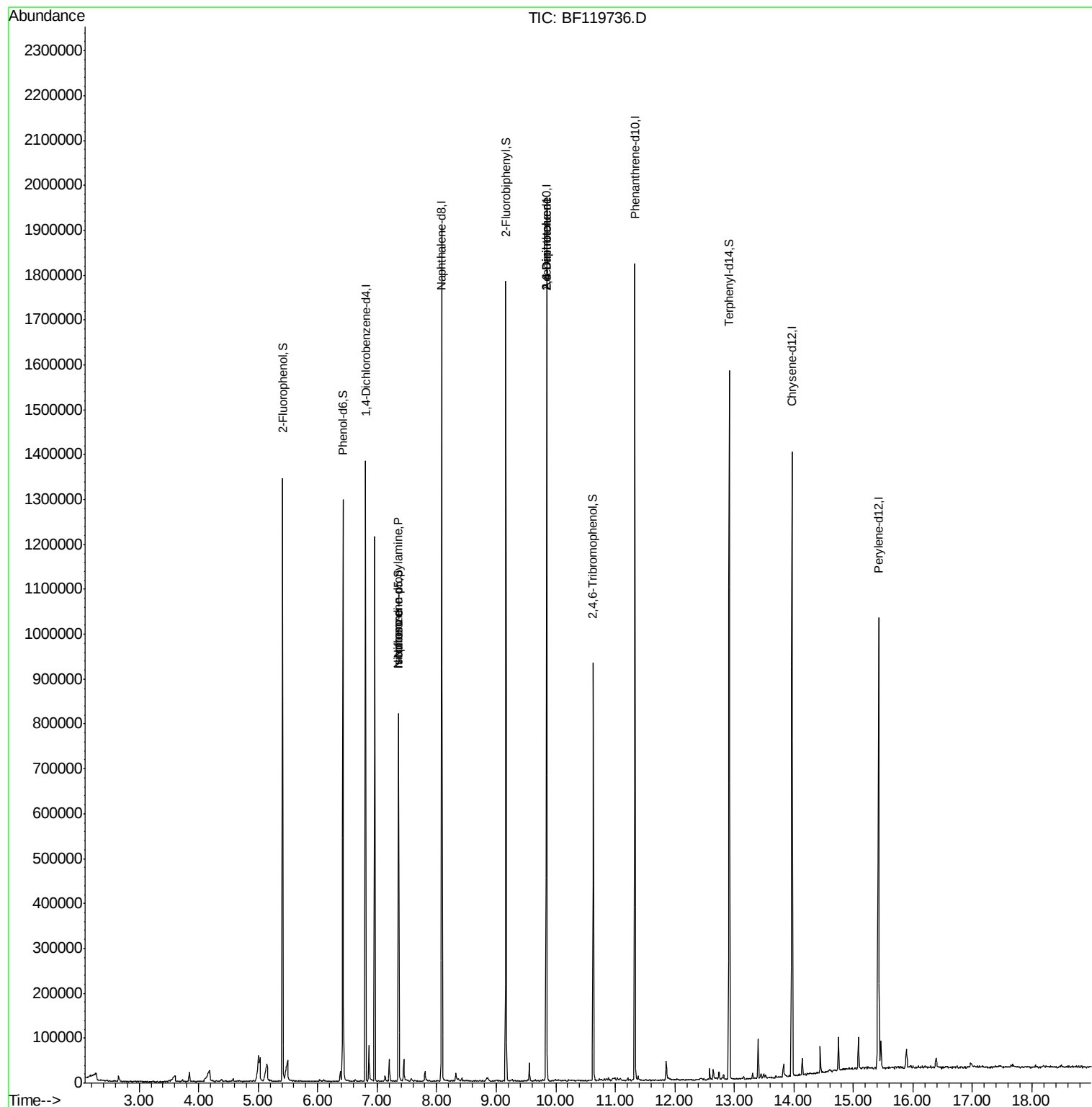
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	197692	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	761076	20.00	ng	-0.02
39) Acenaphthene-d10	9.85	164	382946	20.00	ng	-0.02
64) Phenanthrene-d10	11.33	188	713543	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	453175	20.00	ng	-0.03
87) Perylene-d12	15.42	264	450820	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	316094	25.45	ng	0.00
7) Phenol-d6	6.42	99	387195	24.41	ng	-0.02
23) Nitrobenzene-d5	7.36	82	239449	17.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	106774	27.03	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	499477	19.32	ng	-0.02
79) Terphenyl-d14	12.92	244	535768	23.16	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	29280	3.06	ng	# 76
25) Isophorone	7.36	82	239447	8.43	ng	# 65
51) 2,6-Dinitrotoluene	9.85	165	49087	8.42	ng	# 26
57) 2,4-Dinitrotoluene	9.85	165	49087	6.68	ng	# 20

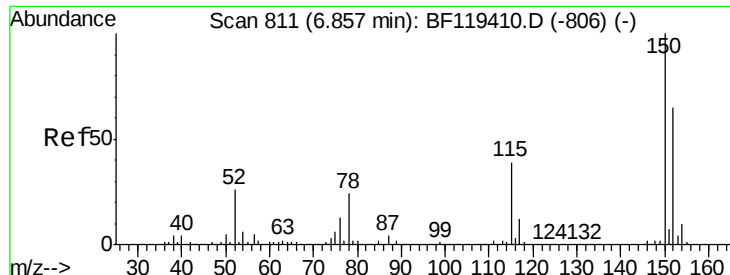
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF119736.D

Acq: 3 Apr 2020 23:54

Instrument :

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ClientSampleId :

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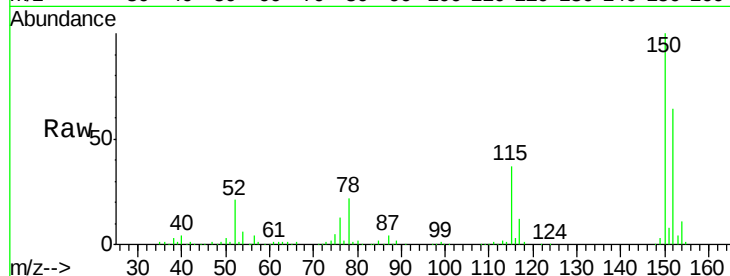
Tgt Ion:152 Resp: 197692

Ion Ratio Lower Upper

152 100

150 156.2 124.5 186.7

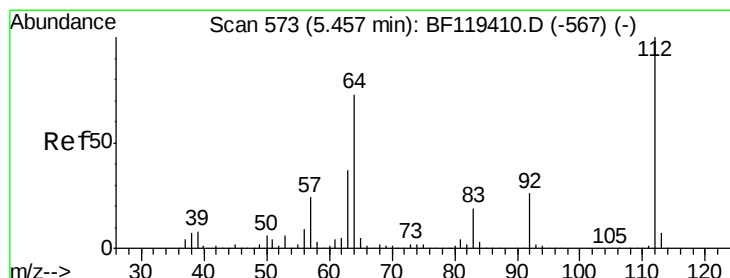
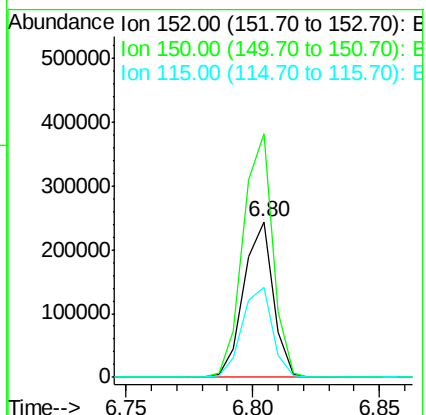
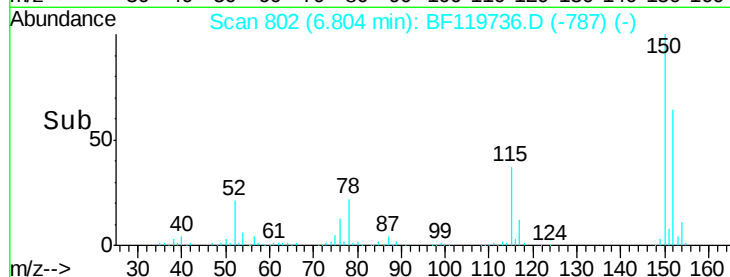
115 57.4 49.6 74.4



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: 25.45 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF119736.D

Acq: 3 Apr 2020 23:54

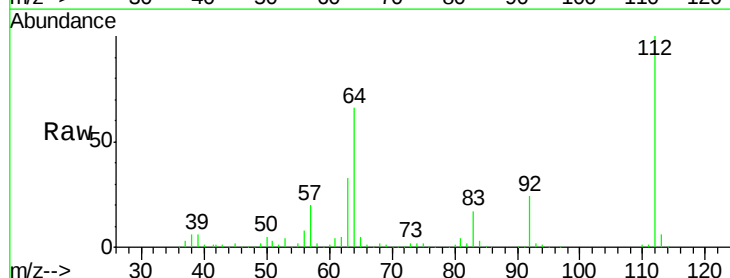
Tgt Ion:112 Resp: 316094

Ion Ratio Lower Upper

112 100

64 66.1 56.7 85.1

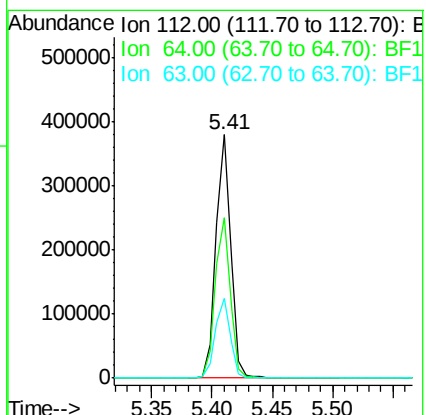
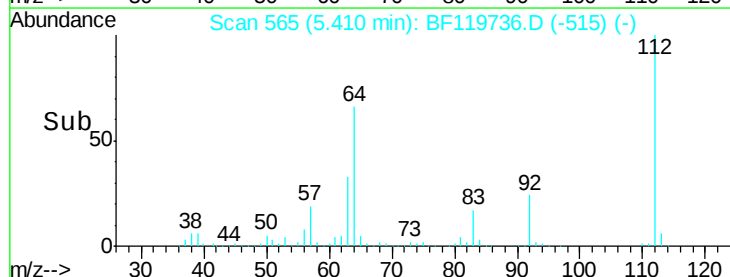
63 32.8 29.5 44.3

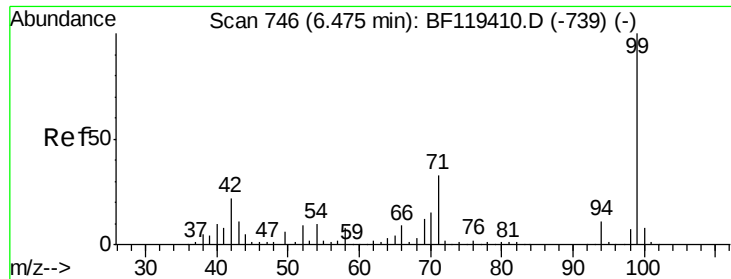


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 24.41 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF119736.D

Acq: 3 Apr 2020 23:54

Instrument :

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ClientSampleId :

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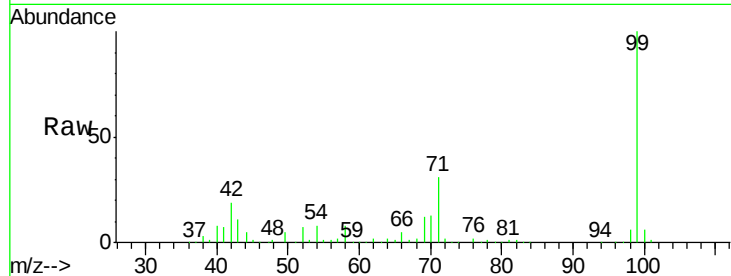
Tgt Ion: 99 Resp: 387195

Ion Ratio Lower Upper

99 100

42 19.2 16.6 24.8

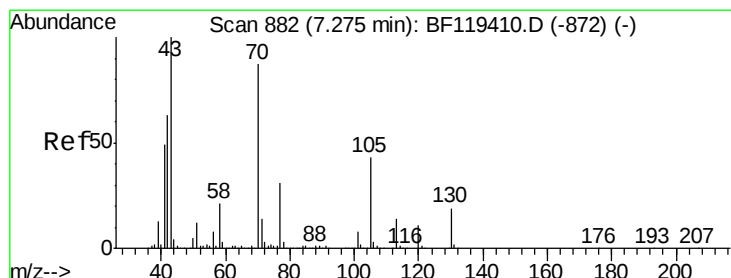
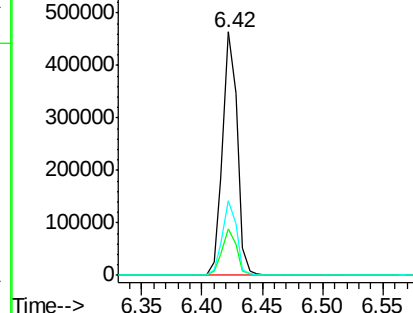
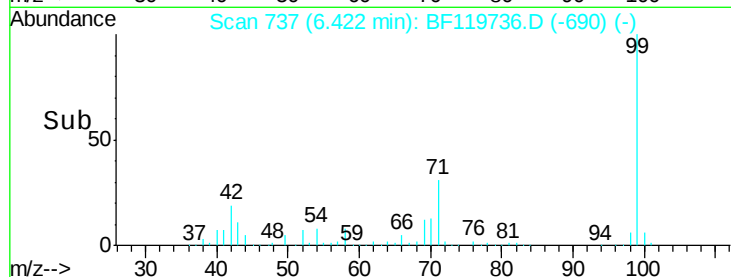
71 30.8 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 3.06 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.12 min

Lab File: BF119736.D

Acq: 3 Apr 2020 23:54

Tgt Ion: 70 Resp: 29280

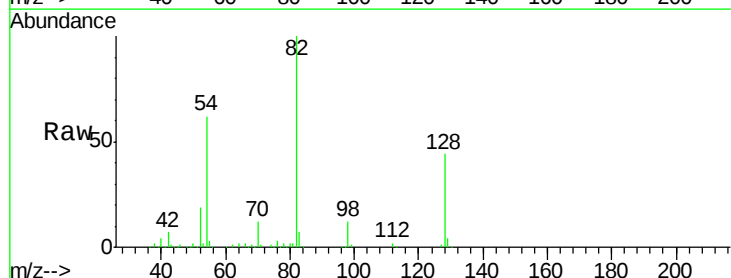
Ion Ratio Lower Upper

70 100

42 53.2 54.5 81.7#

101 0.0 7.6 11.4#

130 1.8 17.6 26.4#

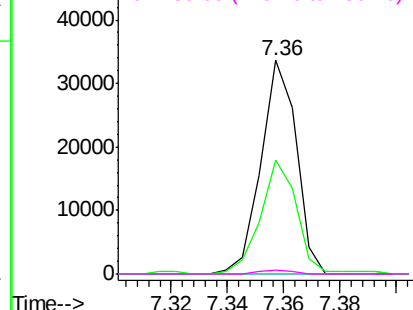
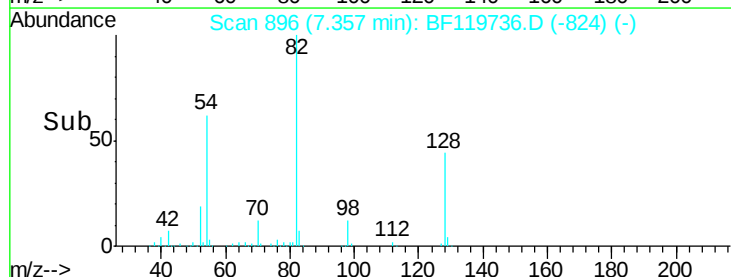


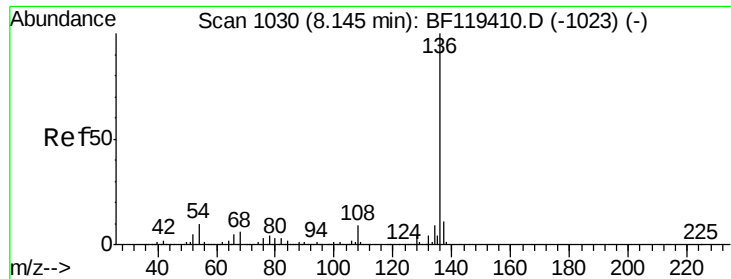
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF119736.D

Acq: 3 Apr 2020 23:54

Instrument :

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ClientSampleId :

CHASSIE-WASH

Tgt Ion:136 Resp: 761076

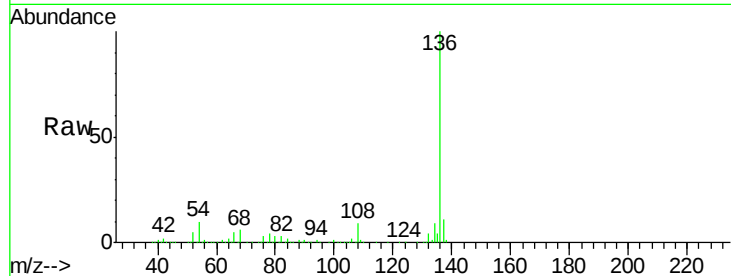
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 10.2 9.1 13.7

68 5.9 4.6 6.8

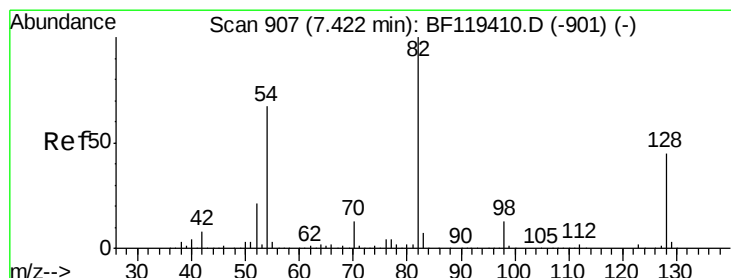
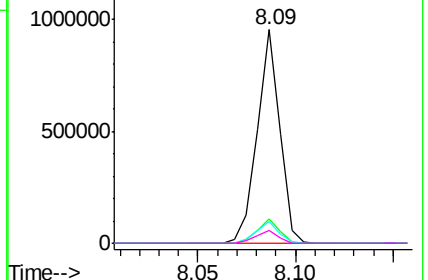
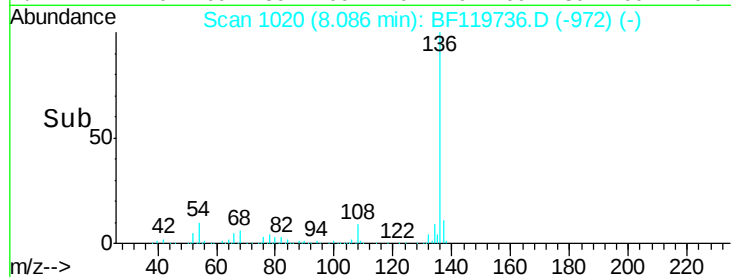


Abundance Ion 136.00 (135.70 to 136.70): E

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: 17.10 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF119736.D

Acq: 3 Apr 2020 23:54

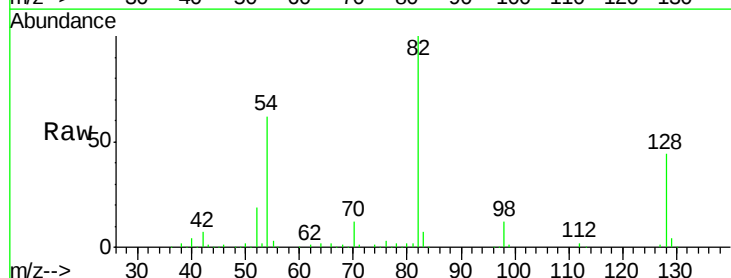
Tgt Ion: 82 Resp: 239449

Ion Ratio Lower Upper

82 100

128 43.8 36.3 54.5

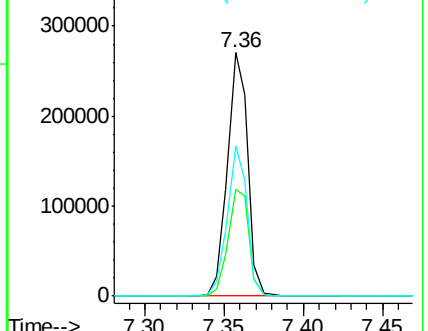
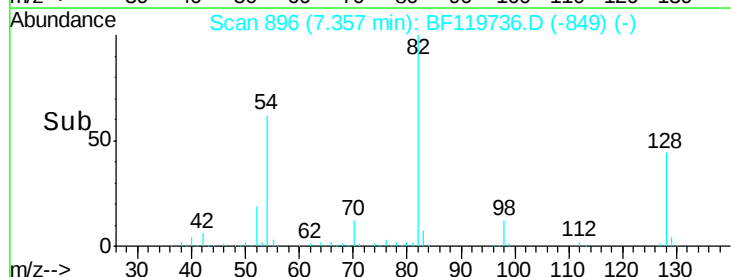
54 61.8 50.6 75.8

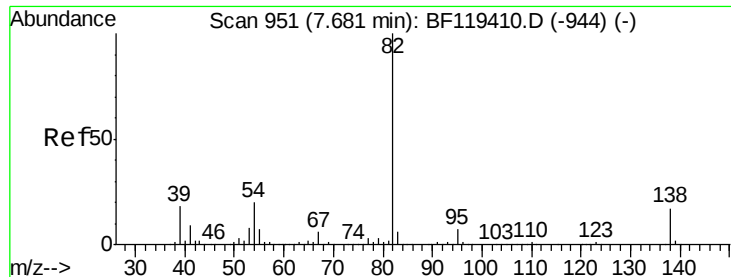


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 8.43 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF119736.D

Acq: 3 Apr 2020 23:54

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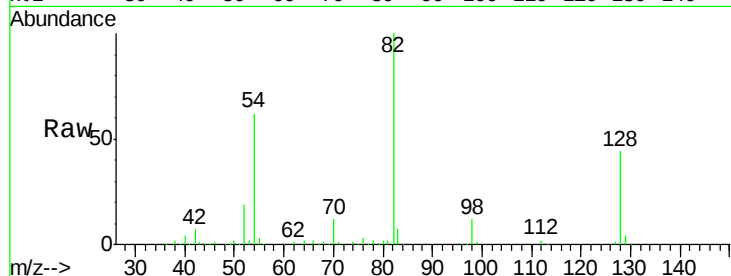
Tgt Ion: 82 Resp: 239447

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

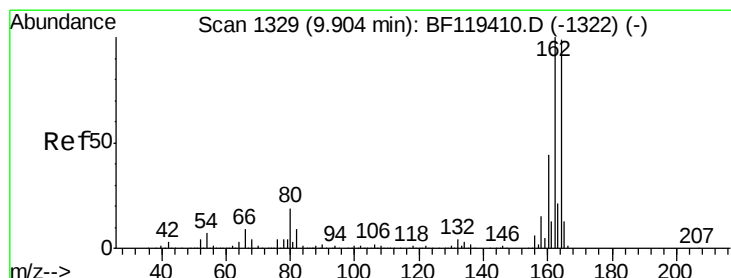
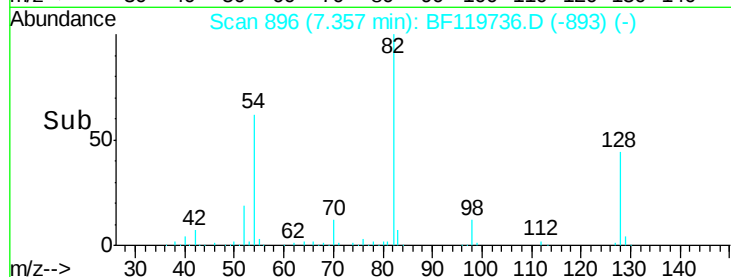
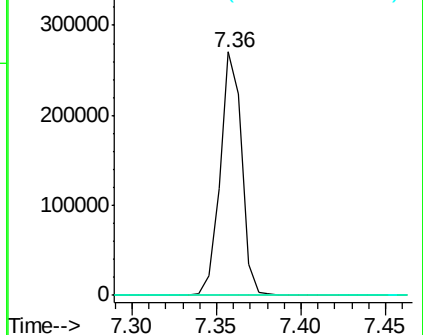
138 0.0 14.6 21.8#



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: 9.85 min Scan# 1319

Delta R.T. -0.02 min

Lab File: BF119736.D

Acq: 3 Apr 2020 23:54

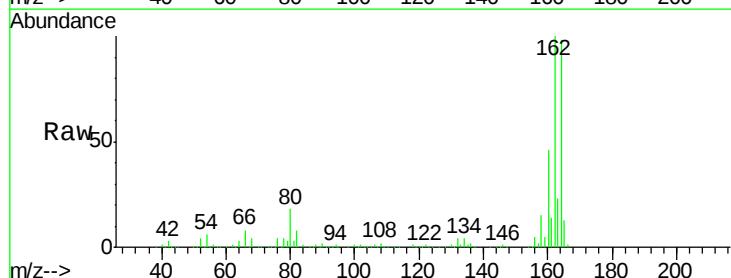
Tgt Ion: 164 Resp: 382946

Ion Ratio Lower Upper

164 100

162 101.8 80.6 121.0

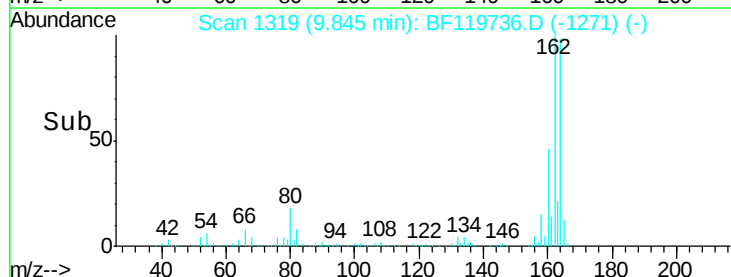
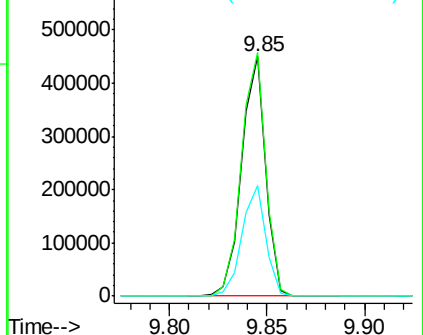
160 46.4 35.7 53.5

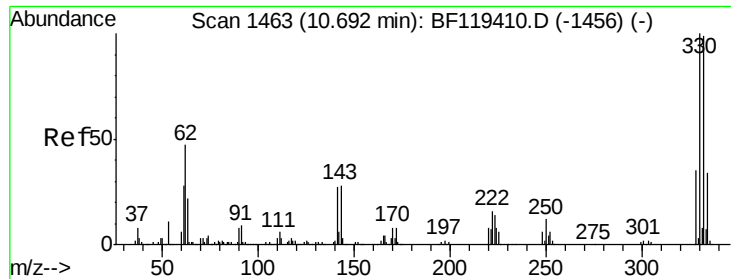


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

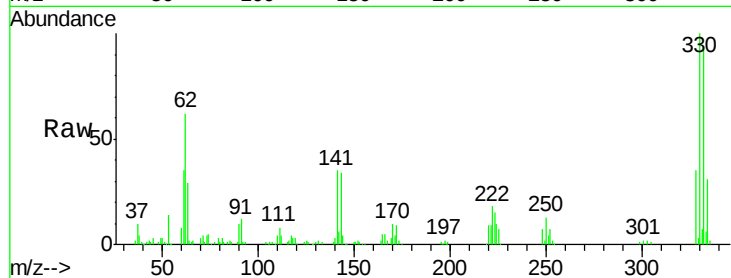




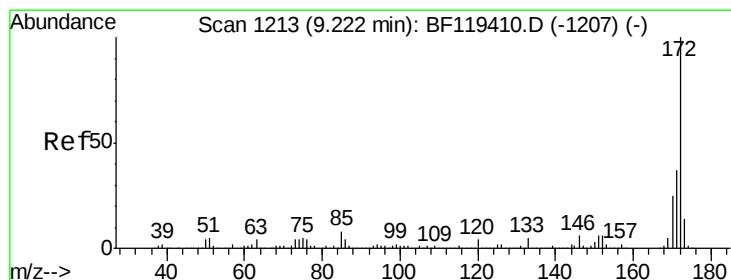
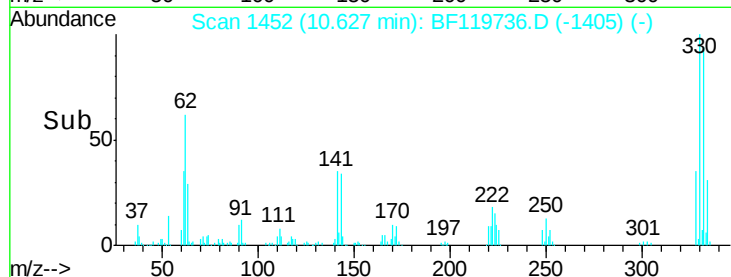
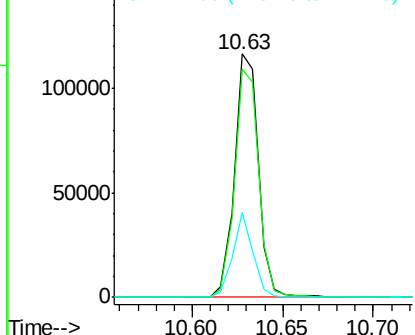
#42
 2,4,6-Tribromophenol
 Concen: 27.03 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF119736.D
 Acq: 3 Apr 2020 23:54

Instrument :
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Tgt Ion:330 Resp: 106774
 Ion Ratio Lower Upper
 330 100
 332 94.5 75.7 113.5
 141 29.9 25.4 38.0

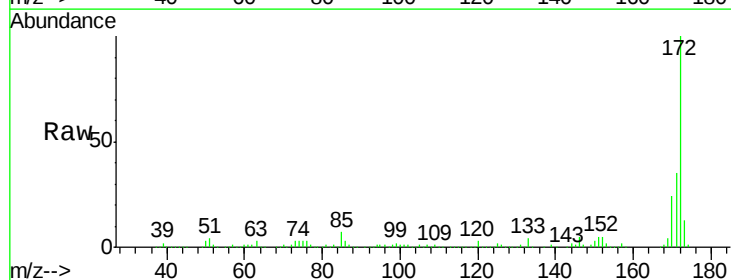


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

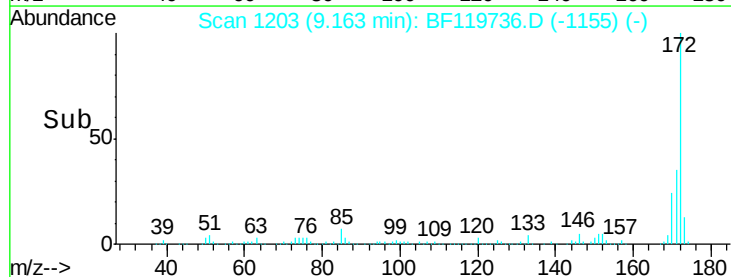
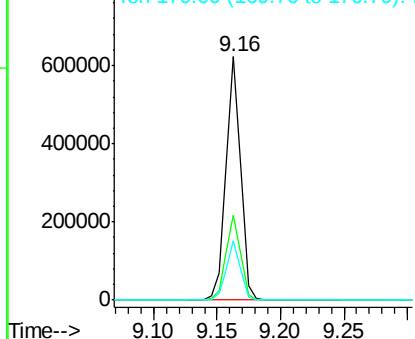


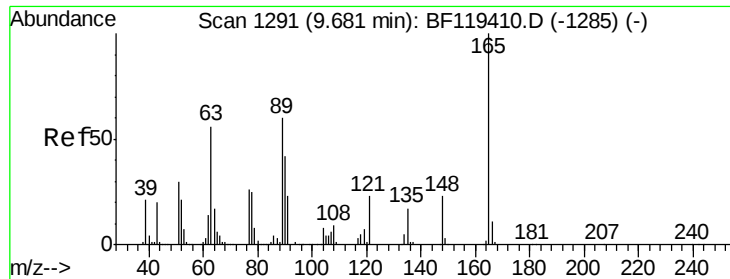
#45
 2-Fluorobiphenyl
 Concen: 19.32 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: BF119736.D
 Acq: 3 Apr 2020 23:54

Tgt Ion:172 Resp: 499477
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 24.3 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

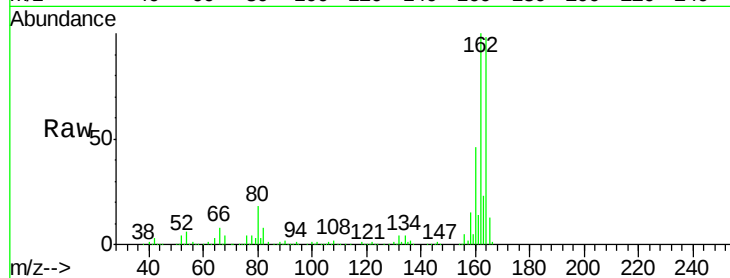




#51
 2,6-Dinitrotoluene
 Concen: 8.42 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.20 min
 Lab File: BF119736.D
 Acq: 3 Apr 2020 23:54

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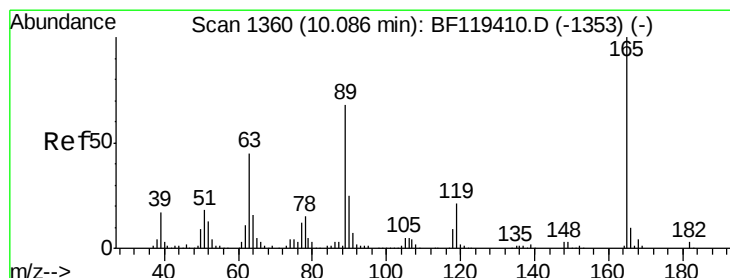
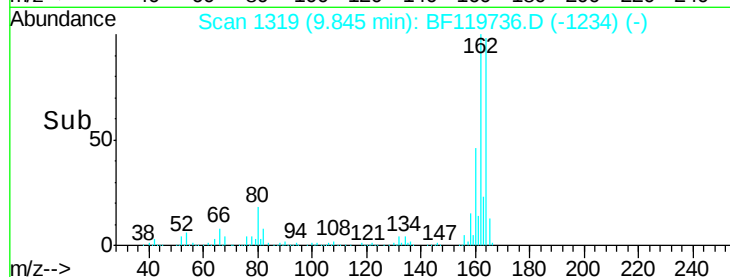
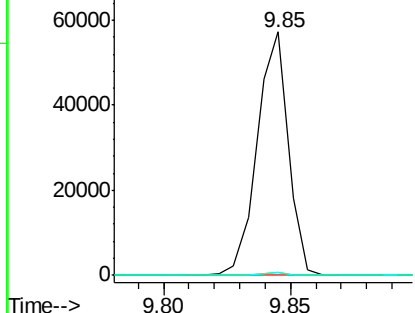
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	45.0	67.4#
89	1.2	41.5	62.3#



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: 6.68 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF119736.D
 Acq: 3 Apr 2020 23:54

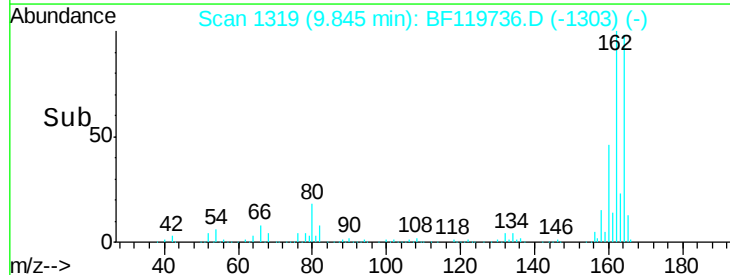
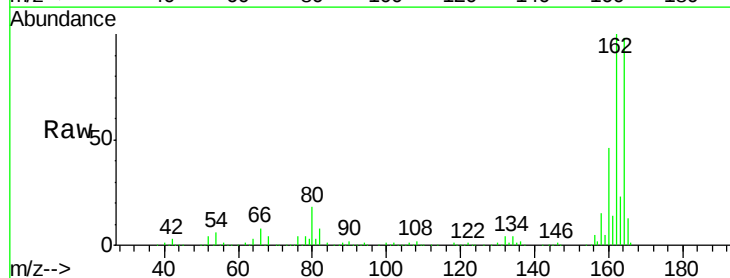
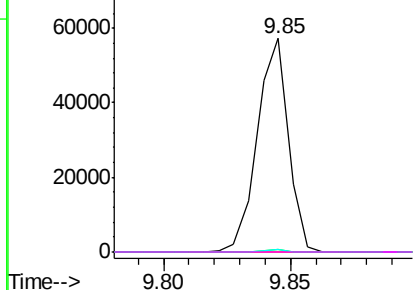
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	42.6	64.0#
89	1.2	61.0	91.4#
182	0.0	2.2	3.2#

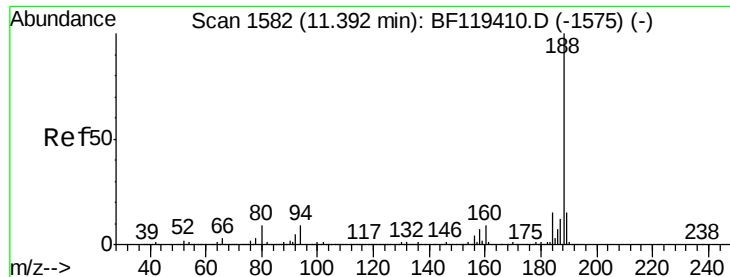
Abundance Ion 165.00 (164.70 to 165.70): E

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

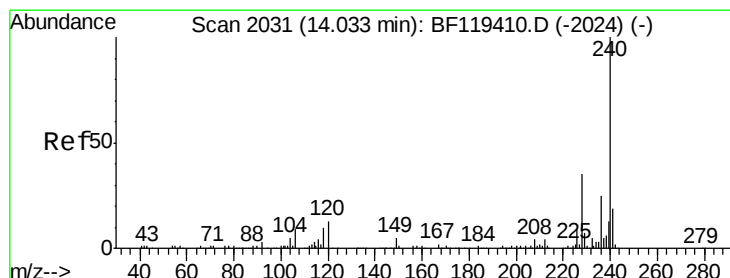
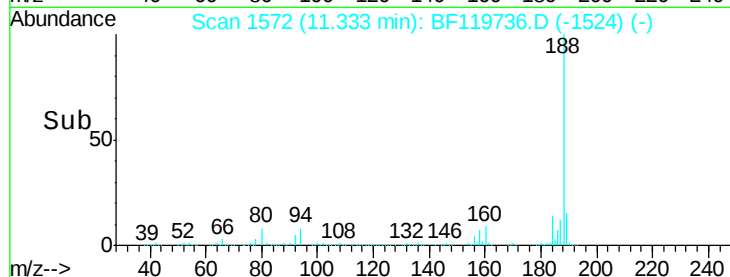
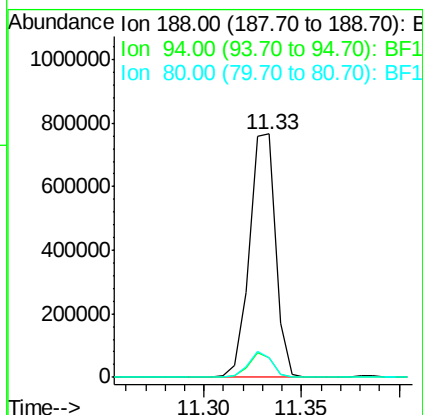
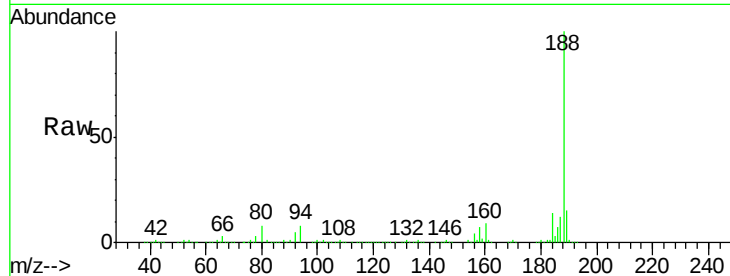




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.02 min
 Lab File: BF119736.D
 Acq: 3 Apr 2020 23:54

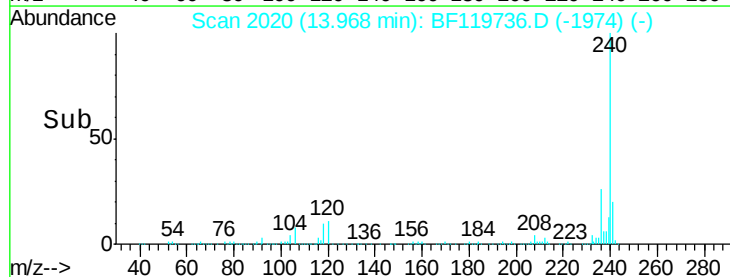
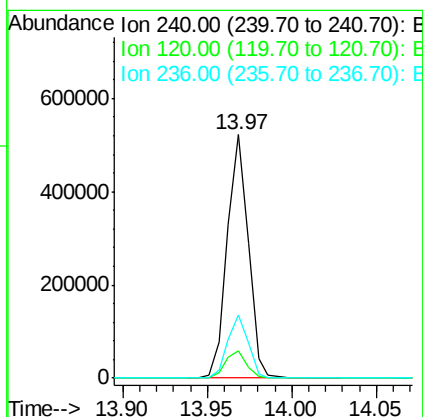
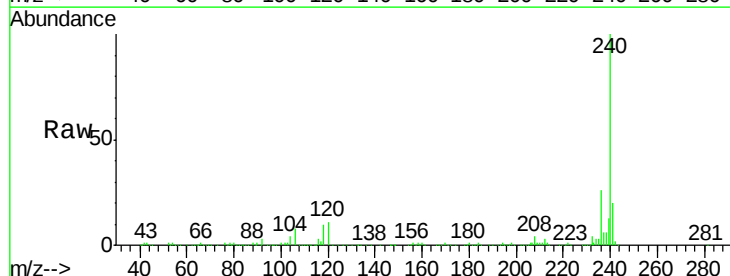
Instrument :
 BNA_F
 ClientSampleId :
 CHASSIE-WASH

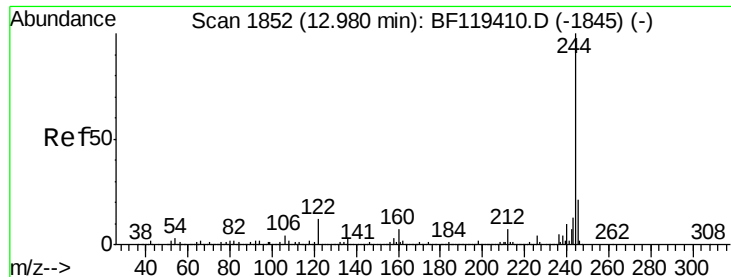
Tgt Ion:188 Resp: 713543
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.5 11.3
 80 8.1 9.0 13.4#



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.03 min
 Lab File: BF119736.D
 Acq: 3 Apr 2020 23:54

Tgt Ion:240 Resp: 453175
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.6 15.8
 236 26.0 20.2 30.2





#79

Terphenyl-d14

Concen: 23.16 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.02 min

Lab File: BF119736.D

Acq: 3 Apr 2020 23:54

Instrument :

BNA_F

ClientSampleId :

CHASSIE-WASH

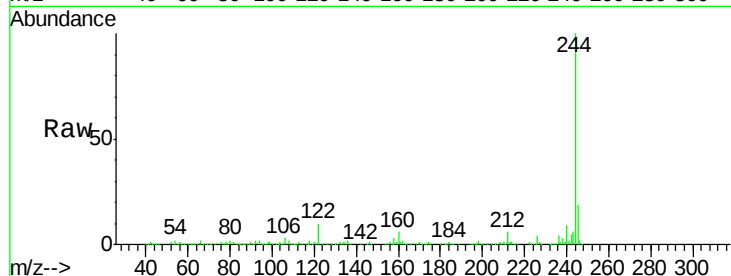
Tgt Ion:244 Resp: 535768

Ion Ratio Lower Upper

244 100

212 5.7 5.8 8.8#

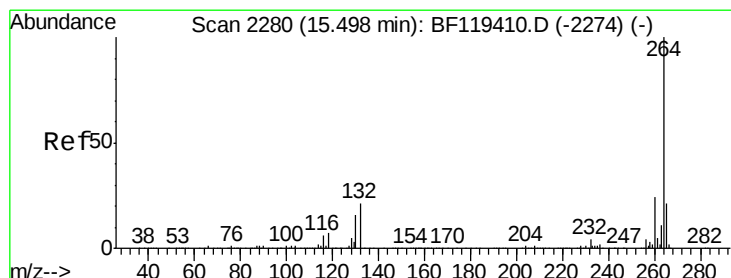
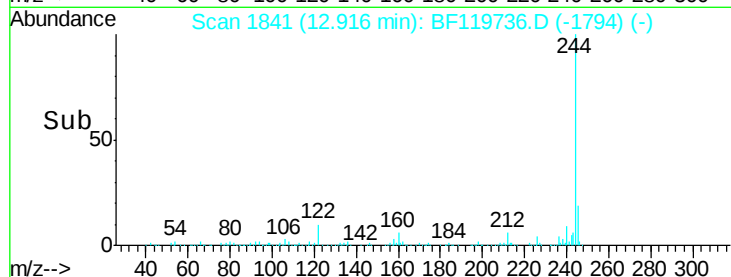
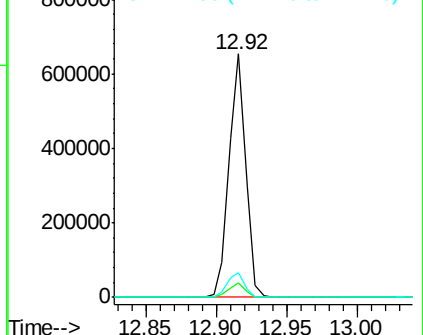
122 10.0 10.3 15.5#



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: 15.42 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF119736.D

Acq: 3 Apr 2020 23:54

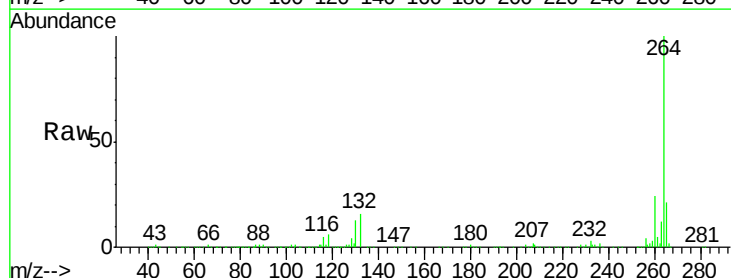
Tgt Ion:264 Resp: 450820

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.0 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

