

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119792.D
 Acq On : 7 Apr 2020 1:19
 Operator : MA/SJ
 Sample : L2099-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 239-GW-02-12

Quant Time: Apr 07 01:56:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

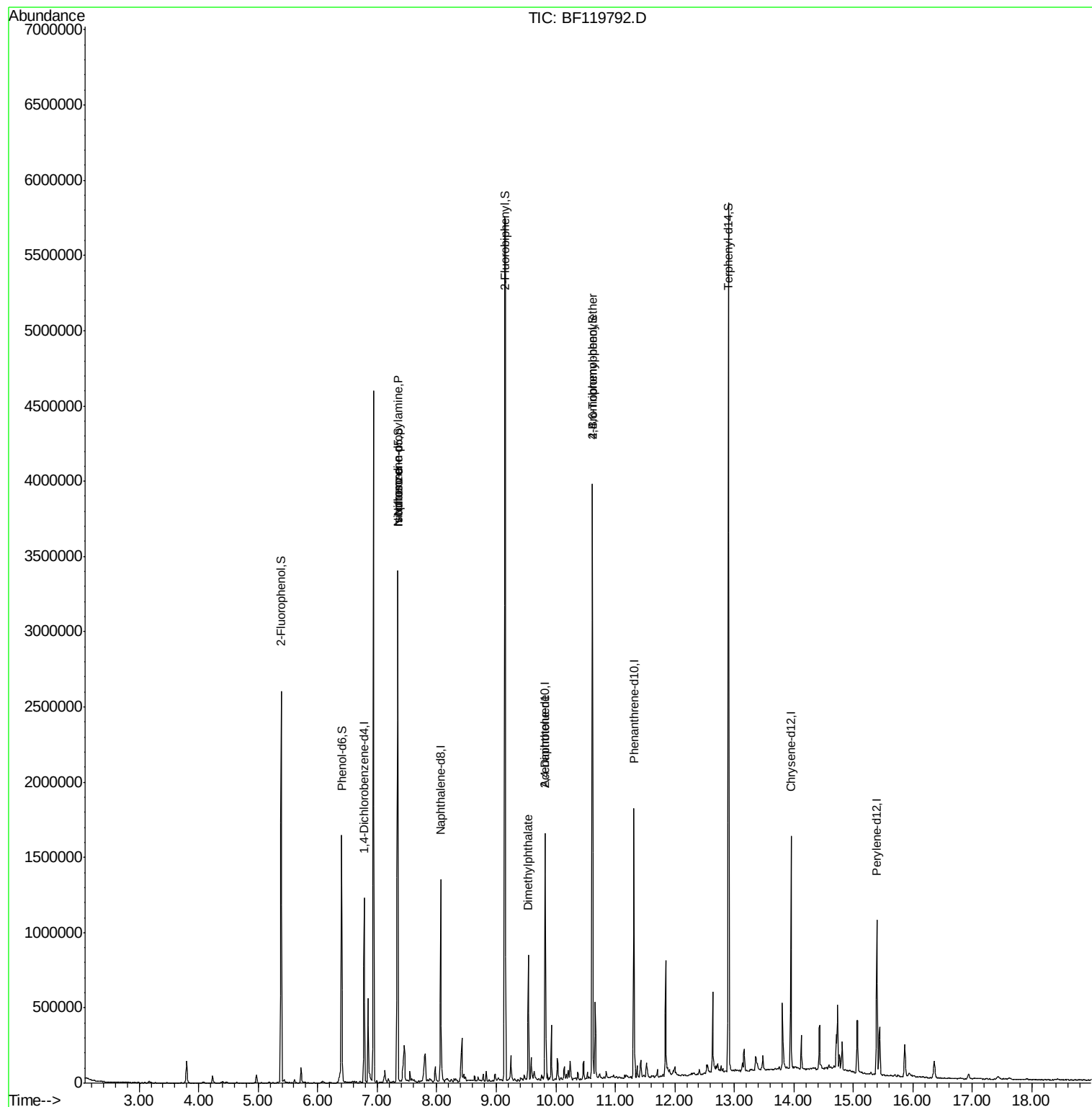
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	167034	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	642128	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	331328	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	617469	20.00	ng	0.00
76) Chrysene-d12	13.95	240	480340	20.00	ng	0.00
87) Perylene-d12	15.40	264	465570	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	616786	58.78	ng	0.00
7) Phenol-d6	6.40	99	470507	35.10	ng	-0.01
23) Nitrobenzene-d5	7.35	82	1110791	94.01	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	490198	143.41	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2077797	92.90	ng	0.00
79) Terphenyl-d14	12.90	244	2136125	87.13	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	146184	18.09	ng	# 76
25) Isophorone	7.35	82	1108305	46.24	ng	# 65
50) Dimethylphthalate	9.54	163	289708	12.31	ng	100
57) 2,4-Dinitrotoluene	9.82	165	42405	6.67	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	29716	4.23	ng	# 1

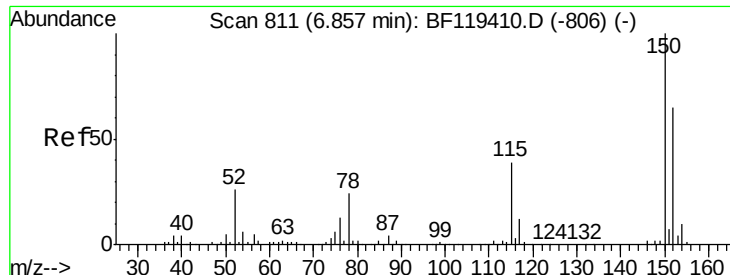
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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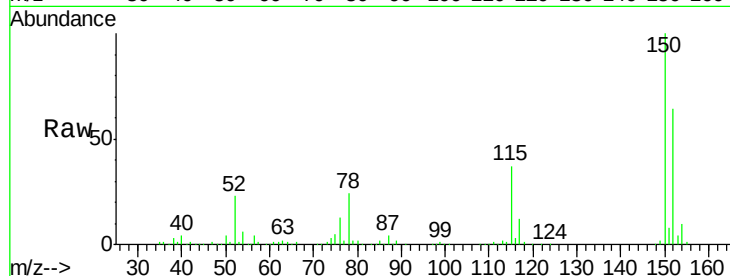


#1

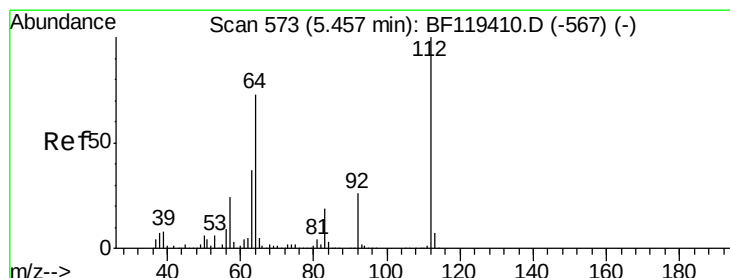
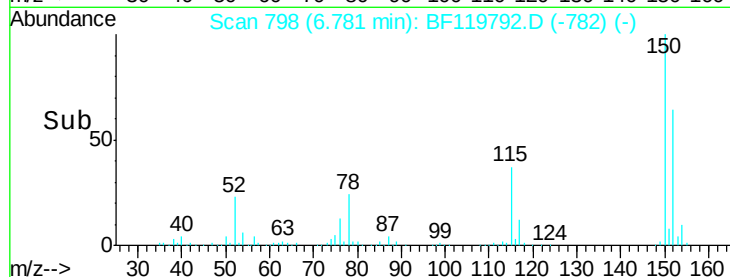
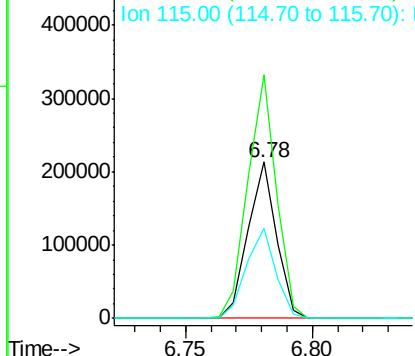
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119792.D
Acq: 7 Apr 2020 1:19

Instrument :
BNA_F
ClientSampleId :
239-GW-02-12

Tgt Ion:152 Resp: 167034
Ion Ratio Lower Upper
152 100
150 155.7 124.5 186.7
115 57.9 49.6 74.4



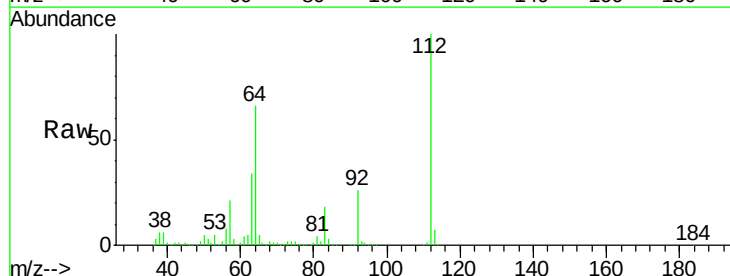
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



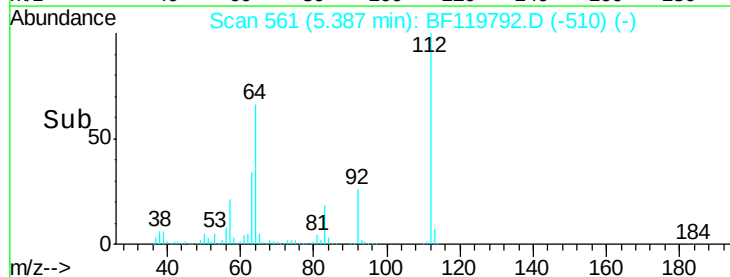
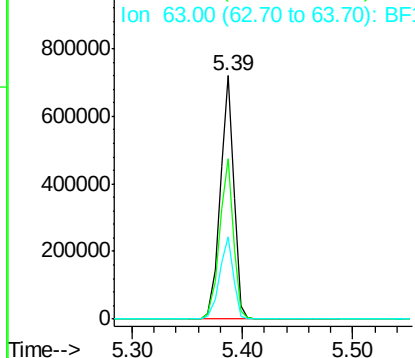
#5

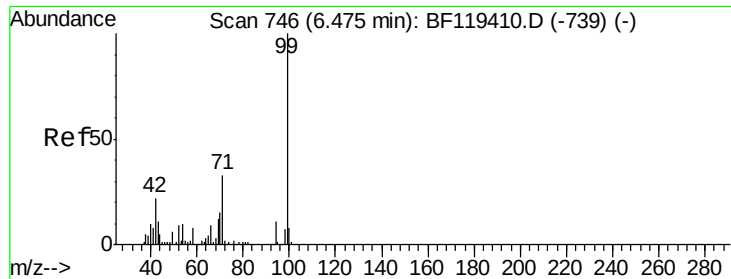
2-Fluorophenol
Concen: 58.78 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF119792.D
Acq: 7 Apr 2020 1:19

Tgt Ion:112 Resp: 616786
Ion Ratio Lower Upper
112 100
64 65.9 56.7 85.1
63 33.8 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: 35.10 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF119792.D

Acq: 7 Apr 2020 1:19

Instrument :

BNA_F

ClientSampleId :

239-GW-02-12

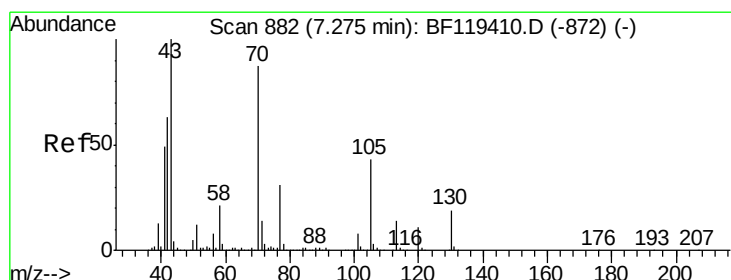
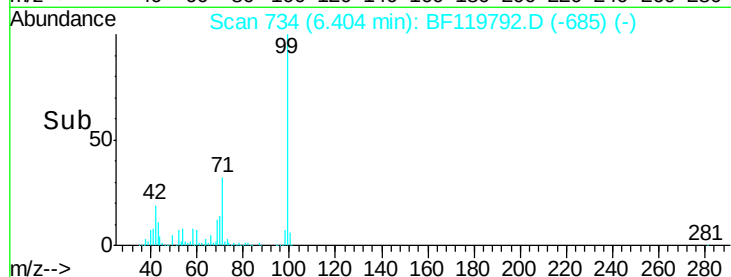
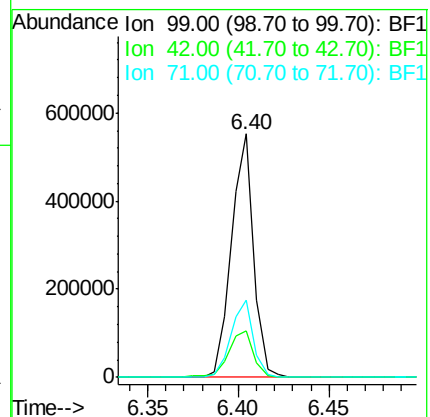
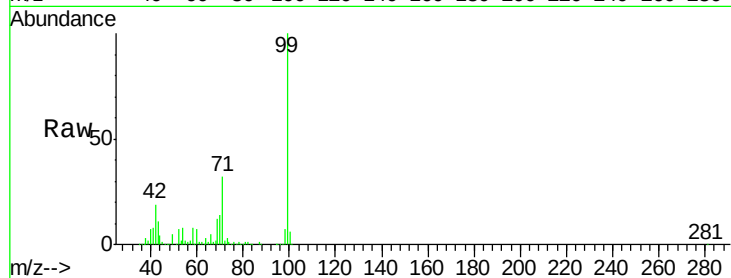
Tgt Ion: 99 Resp: 470507

Ion Ratio Lower Upper

99 100

42 19.2 16.6 24.8

71 31.6 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.09 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119792.D

Acq: 7 Apr 2020 1:19

Tgt Ion: 70 Resp: 146184

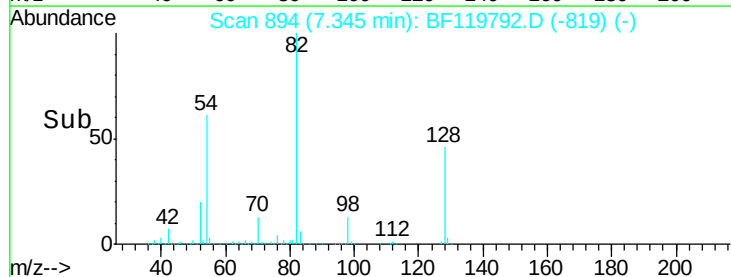
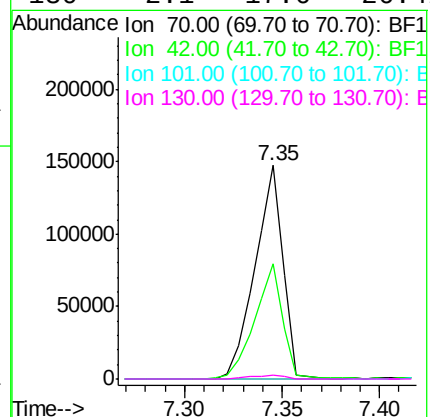
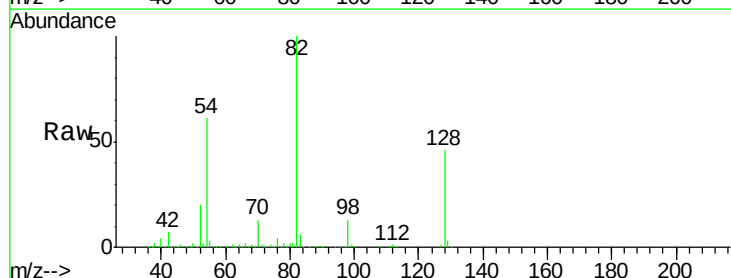
Ion Ratio Lower Upper

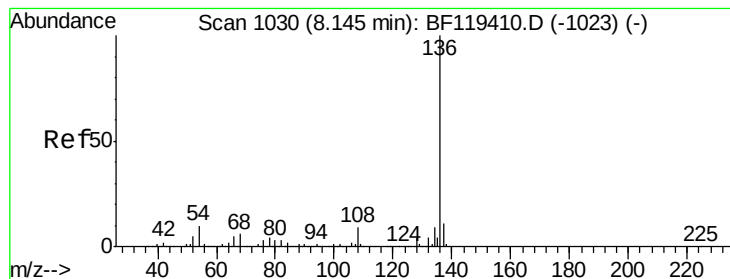
70 100

42 53.7 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: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF119792.D

Acq: 7 Apr 2020 1:19

Instrument :

BNA_F

ClientSampleId :

239-GW-02-12

Tgt Ion:136 Resp: 642128

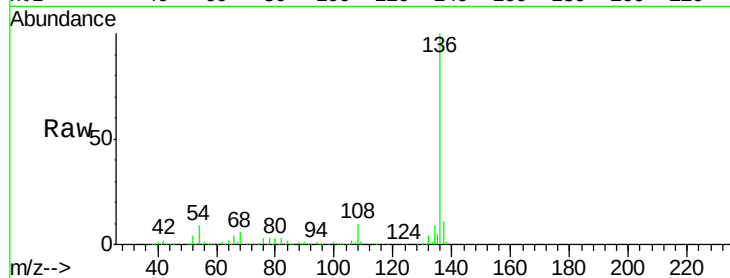
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.2 9.1 13.7

68 5.5 4.6 6.8

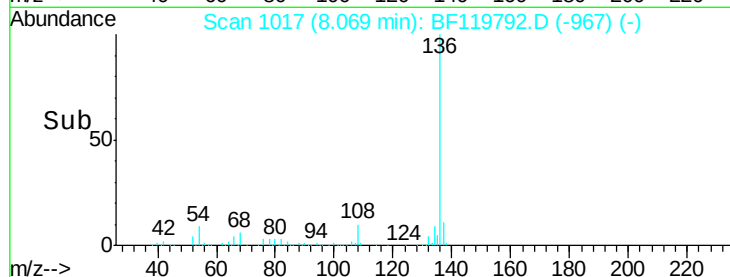


Abundance Ion 136.00 (135.70 to 136.70): E

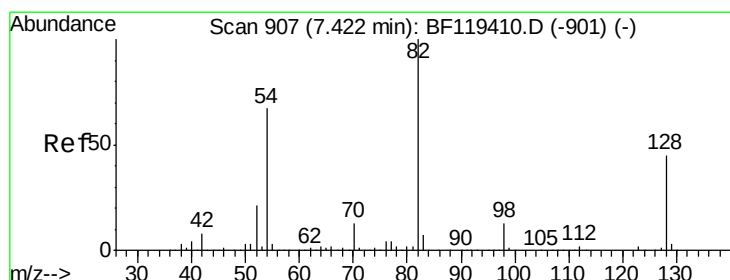
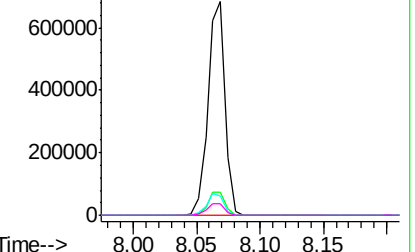
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 94.01 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF119792.D

Acq: 7 Apr 2020 1:19

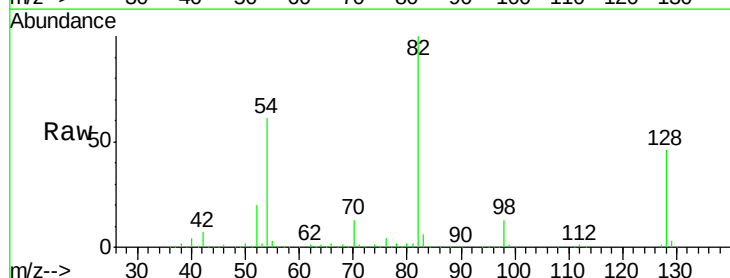
Tgt Ion: 82 Resp: 1110791

Ion Ratio Lower Upper

82 100

128 46.1 36.3 54.5

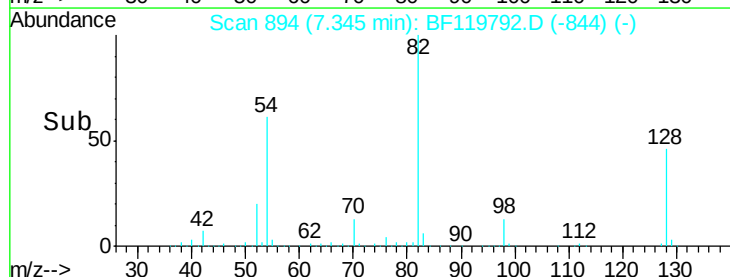
54 61.3 50.6 75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

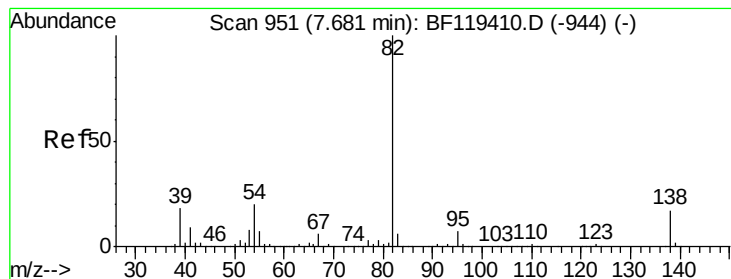
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#25

Isophorone

Concen: 46.24 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF119792.D

Acq: 7 Apr 2020 1:19

Instrument :

BNA_F

ClientSampleId :

239-GW-02-12

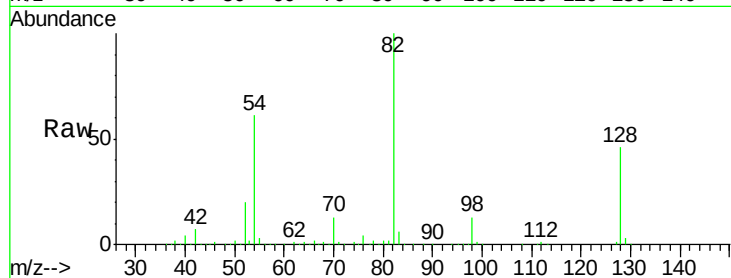
Tgt Ion: 82 Resp: 1108305

Ion Ratio Lower Upper

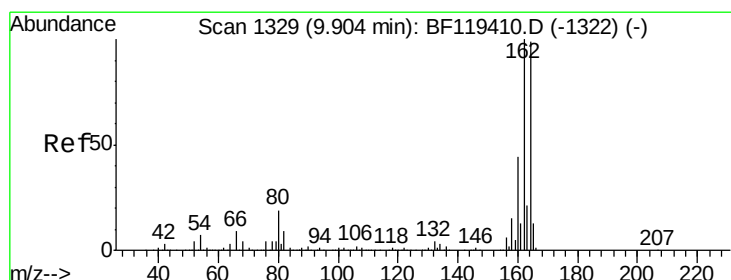
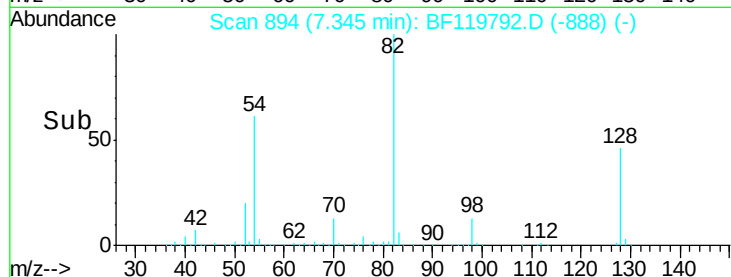
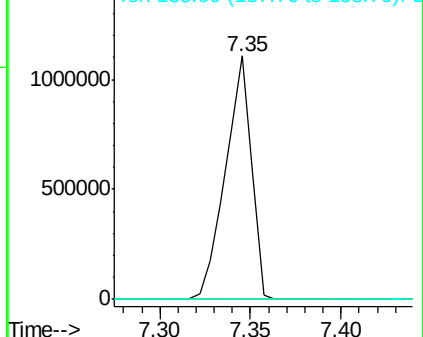
82 100

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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119792.D

Acq: 7 Apr 2020 1:19

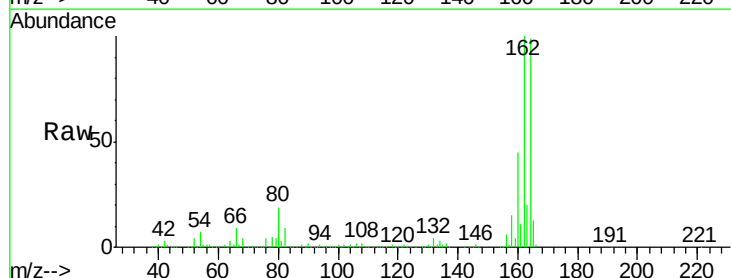
Tgt Ion: 164 Resp: 331328

Ion Ratio Lower Upper

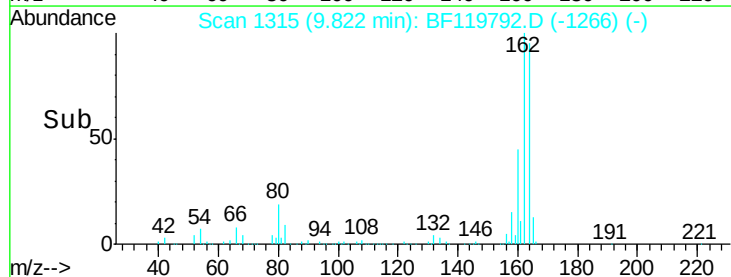
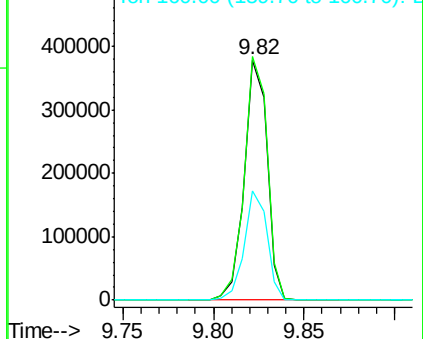
164 100

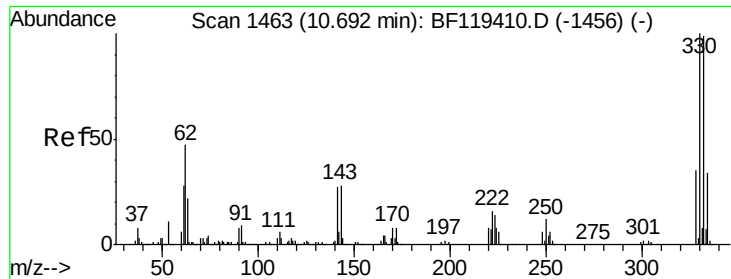
162 101.3 80.6 121.0

160 45.2 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

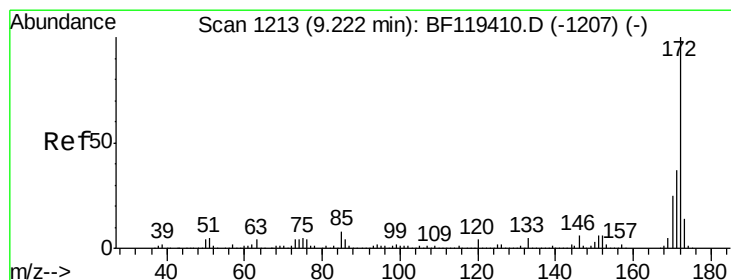
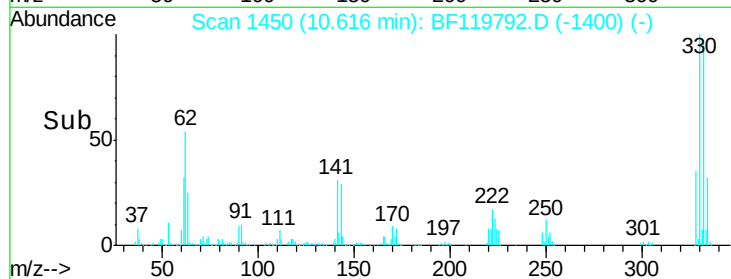
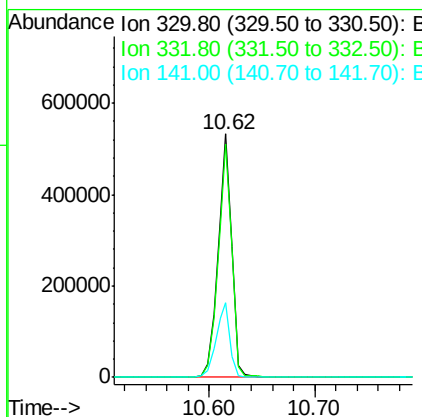
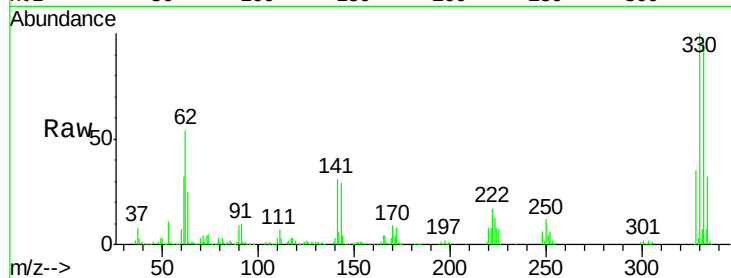




#42
 2,4,6-Tribromophenol
 Concen: 143.41 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119792.D
 Acq: 7 Apr 2020 1:19

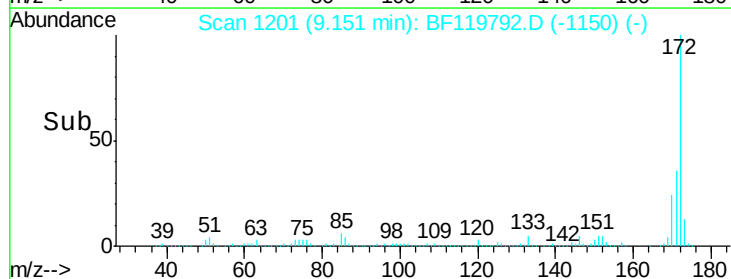
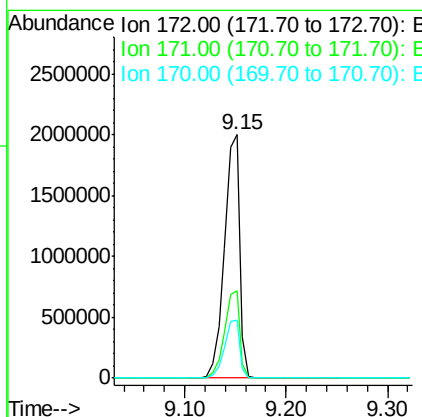
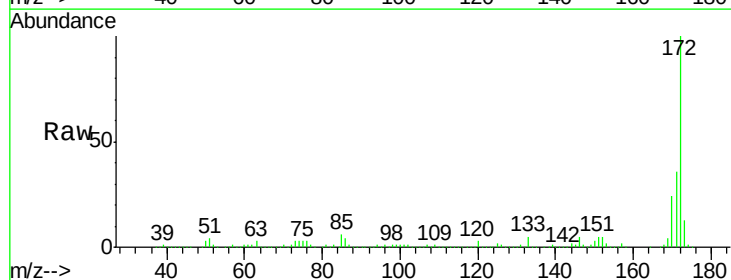
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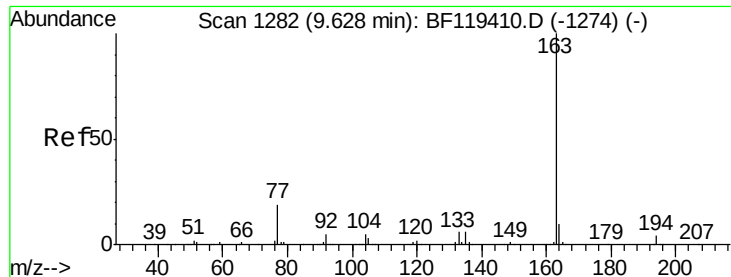
Tgt Ion:330 Resp: 490198
 Ion Ratio Lower Upper
 330 100
 332 96.0 75.7 113.5
 141 31.1 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 92.90 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF119792.D
 Acq: 7 Apr 2020 1:19

Tgt Ion:172 Resp: 2077797
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.0 20.2 30.2

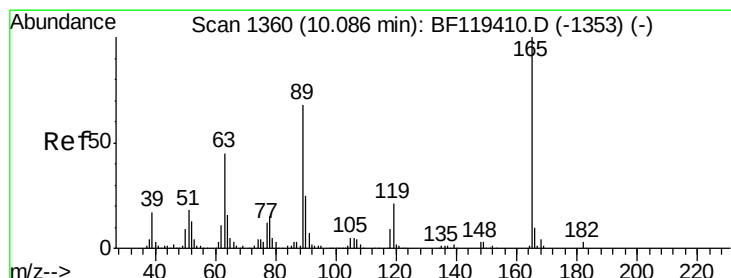
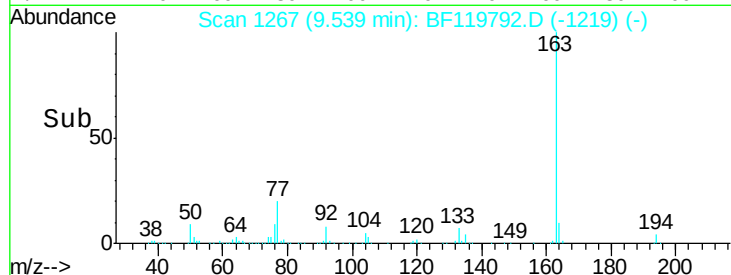
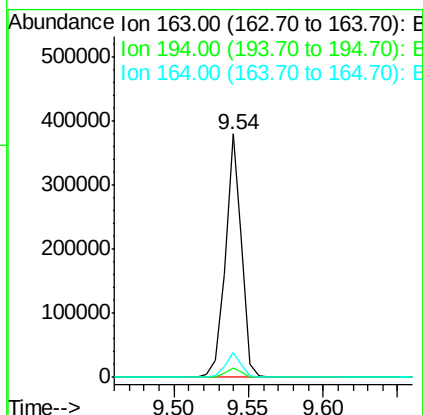
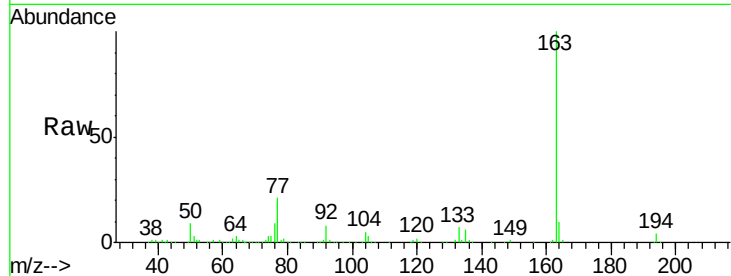




#50
Dimethylphthalate
Concen: 12.31 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF119792.D
Acq: 7 Apr 2020 1:19

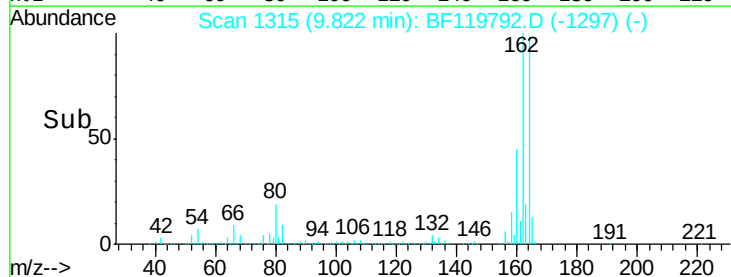
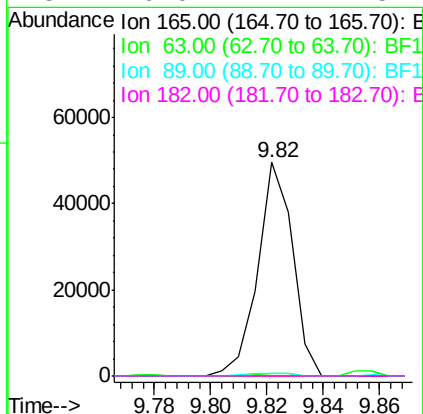
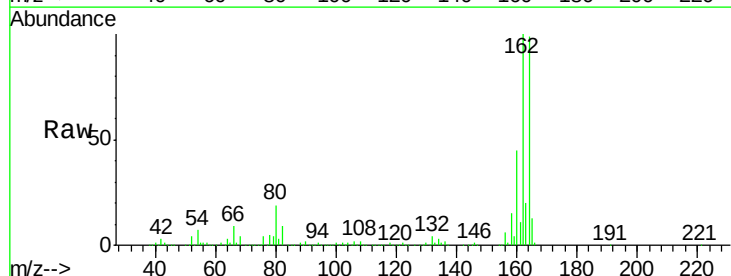
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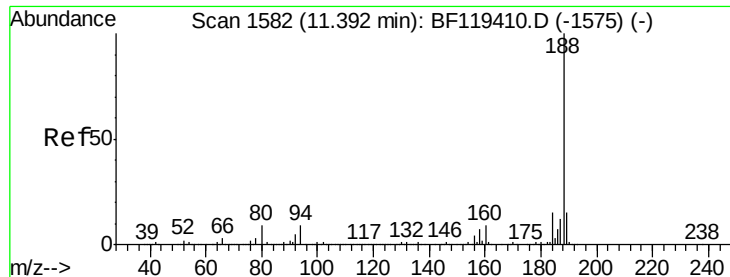
Tgt Ion:163 Resp: 289708
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.1 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.67 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF119792.D
Acq: 7 Apr 2020 1:19

Tgt Ion:165 Resp: 42405
Ion Ratio Lower Upper
165 100
63 1.4 42.6 64.0#
89 1.5 61.0 91.4#
182 0.0 2.2 3.2#

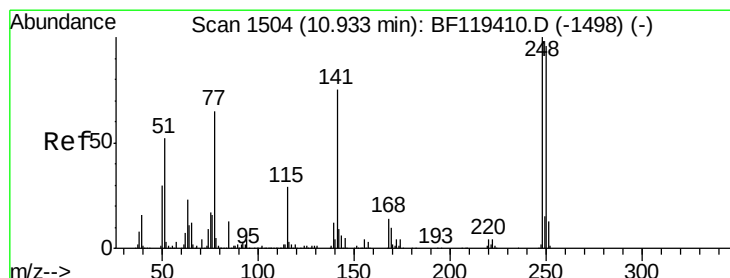
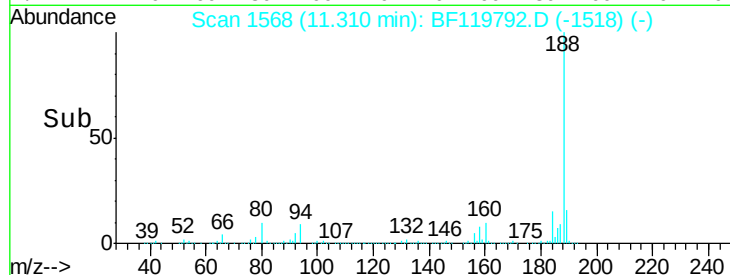
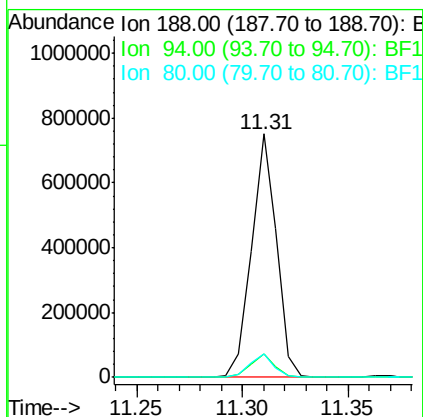
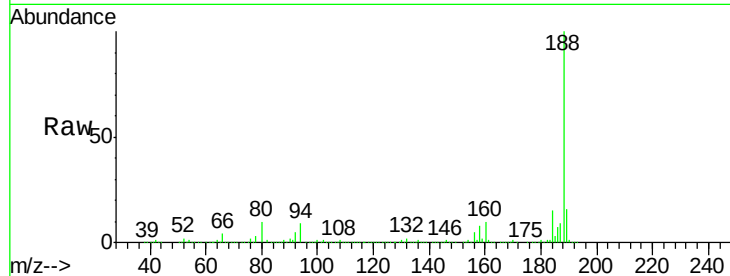




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF119792.D
Acq: 7 Apr 2020 1:19

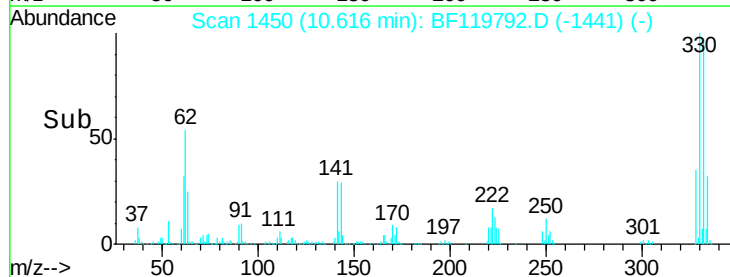
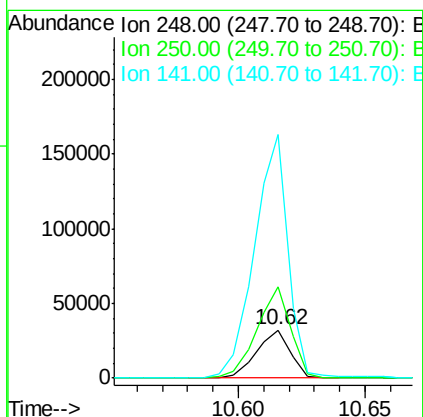
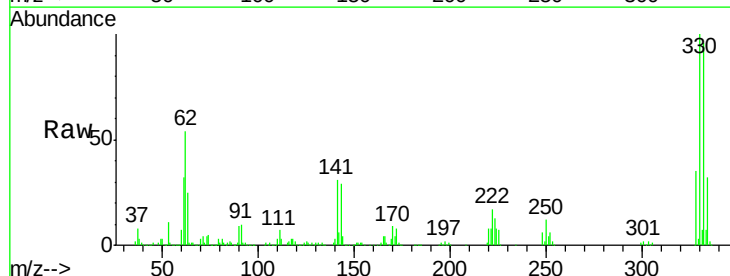
Instrument :
BNA_F
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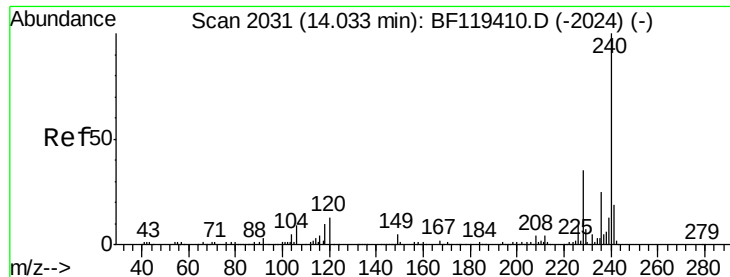
Tgt Ion:188 Resp: 617469
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 9.8 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 4.23 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF119792.D
Acq: 7 Apr 2020 1:19

Tgt Ion:248 Resp: 29716
Ion Ratio Lower Upper
248 100
250 191.3 77.3 115.9#
141 509.0 58.6 87.8#

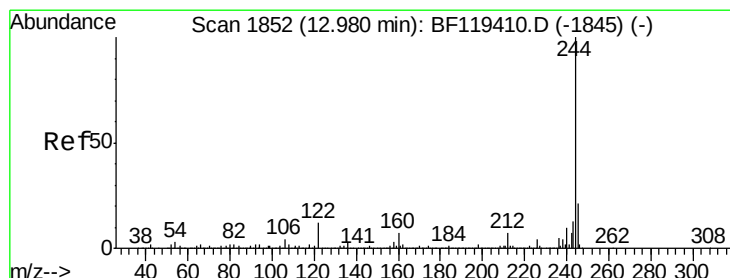
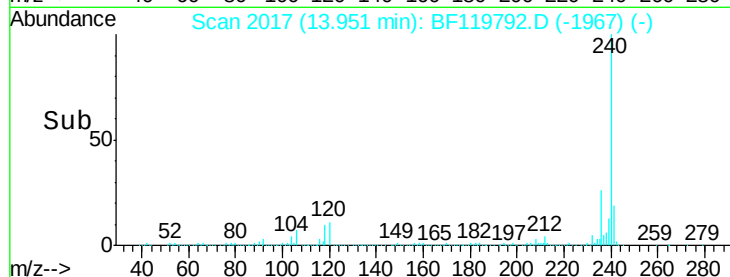
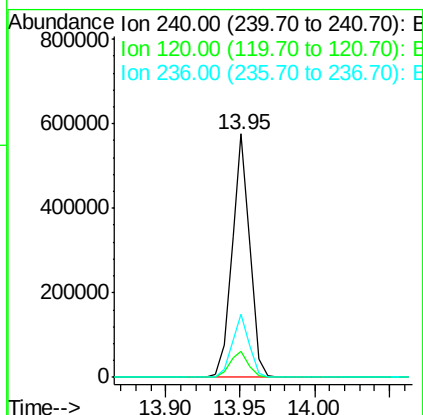
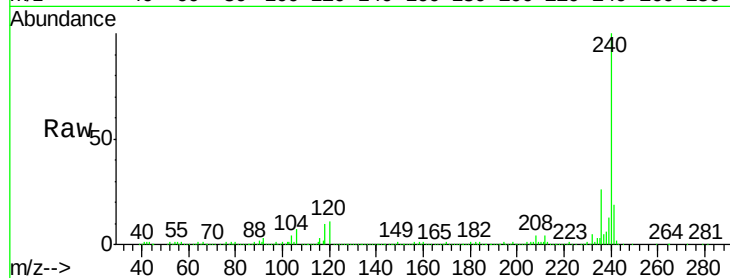




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119792.D
Acq: 7 Apr 2020 1:19

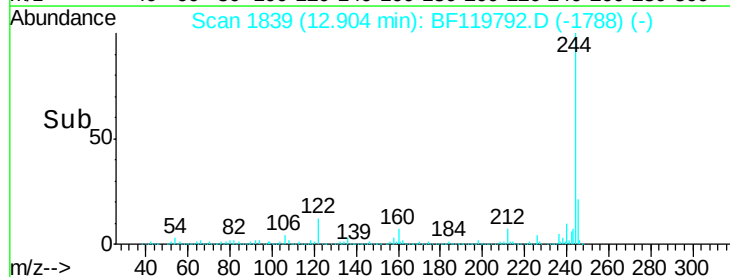
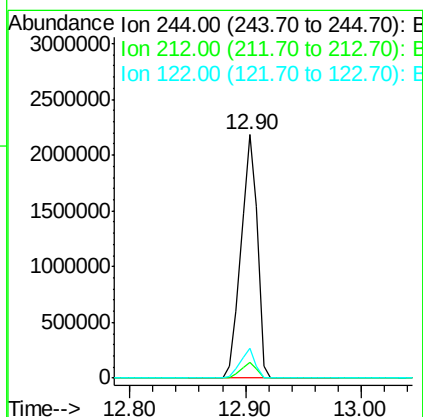
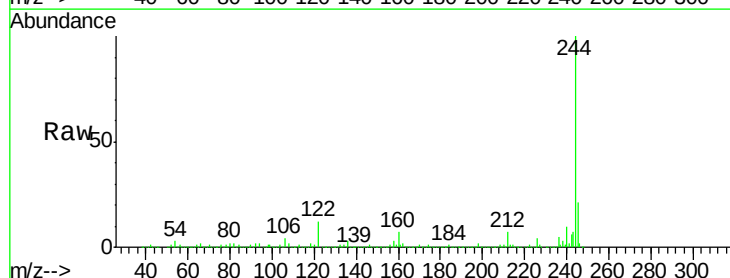
Instrument :
BNA_F
ClientSampleId :
239-GW-02-12

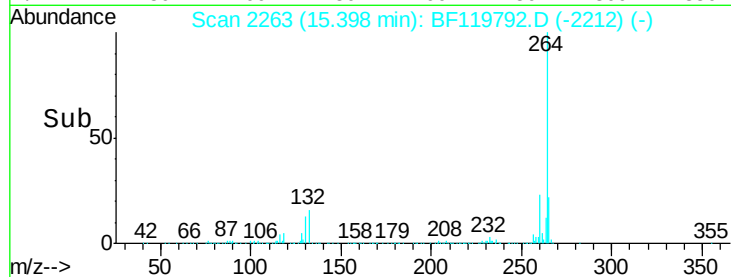
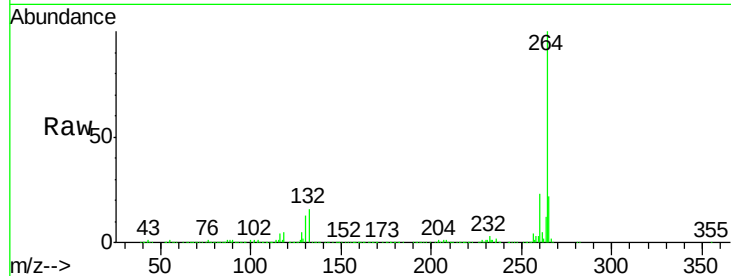
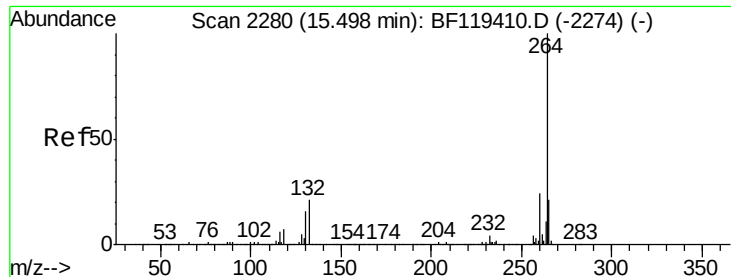
Tgt Ion:240 Resp: 480340
Ion Ratio Lower Upper
240 100
120 10.9 10.6 15.8
236 25.7 20.2 30.2



#79
Terphenyl-d14
Concen: 87.13 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF119792.D
Acq: 7 Apr 2020 1:19

Tgt Ion:244 Resp: 2136125
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.8
122 12.3 10.3 15.5





#87

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.00 min

Lab File: BF119792.D

Acq: 7 Apr 2020 1:19

Instrument :

BNA_F

ClientSampleId :

239-GW-02-12

Tgt Ion: 264 Resp: 465570

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.7 17.7 26.5

