

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119788.D
 Acq On : 6 Apr 2020 23:31
 Operator : MA/SJ
 Sample : L2129-29
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Apr 07 00:29:54 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

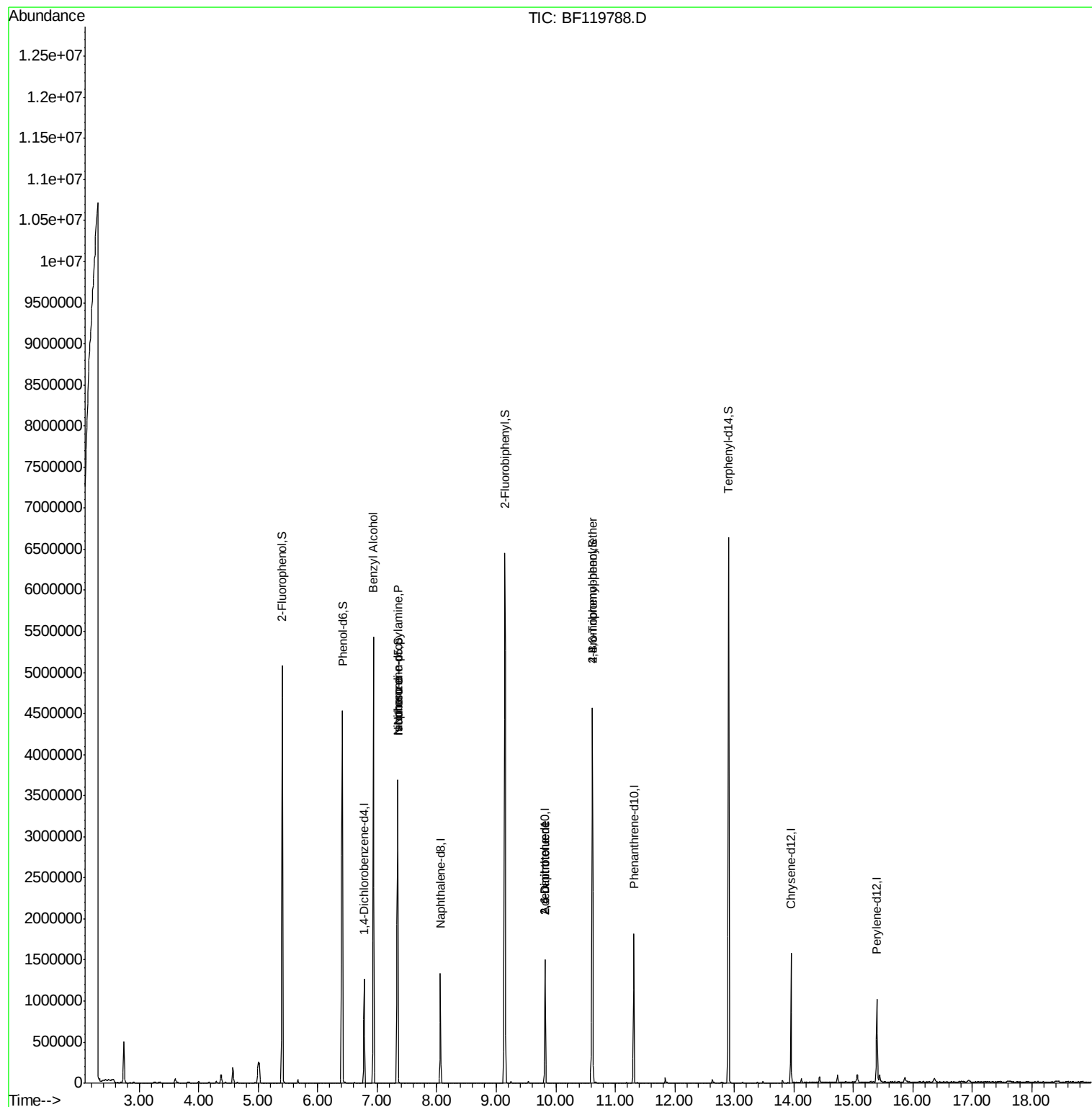
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	171647	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	654337	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	338097	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	652786	20.00	ng	0.00
76) Chrysene-d12	13.95	240	503171	20.00	ng	0.00
87) Perylene-d12	15.40	264	470531	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1555187	144.23	ng	0.02
7) Phenol-d6	6.42	99	1754254	127.36	ng	0.00
23) Nitrobenzene-d5	7.35	82	1331613	110.60	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	632947	181.46	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2543779	111.46	ng	0.00
79) Terphenyl-d14	12.91	244	2811719	109.48	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.94	79	20914	2.02	ng	# 47
19) n-Nitroso-di-n-propylamine	7.35	70	172492	20.78	ng	# 75
25) Isophorone	7.35	82	1331593	54.52	ng	# 65
51) 2,6-Dinitrotoluene	9.82	165	43689	8.49	ng	# 26
57) 2,4-Dinitrotoluene	9.82	165	43689	6.74	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	38568	5.19	ng	# 1

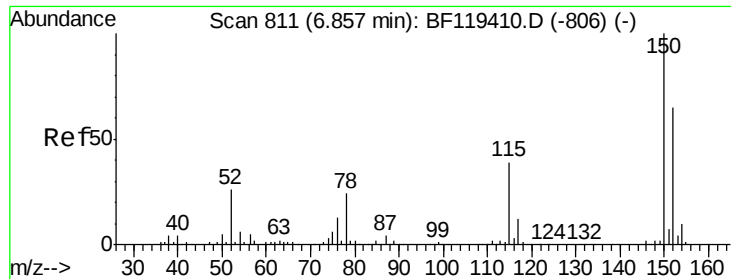
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF119788.D

Acq: 6 Apr 2020 23:31

Instrument :

BNA_F

ClientSampleId :

TP-2

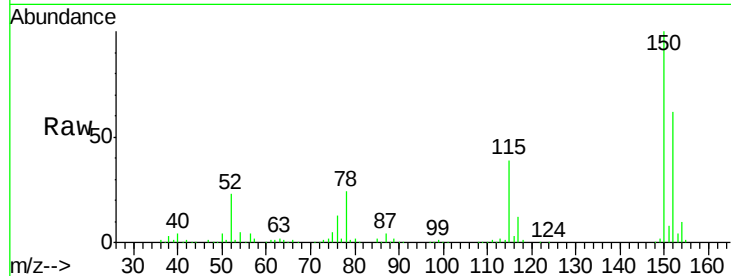
Tgt Ion:152 Resp: 171647

Ion Ratio Lower Upper

152 100

150 161.9 124.5 186.7

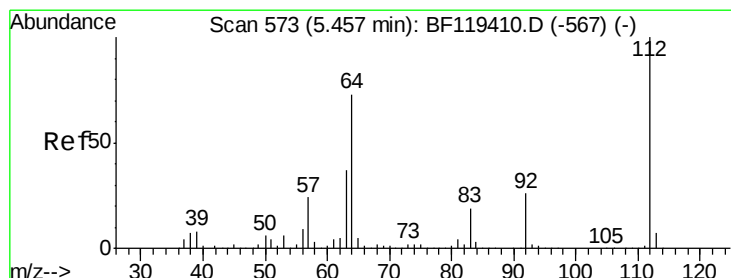
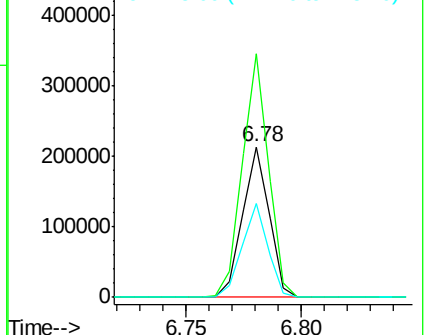
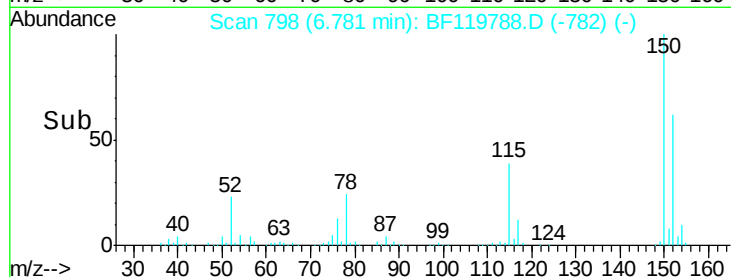
115 62.4 49.6 74.4



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: 144.23 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF119788.D

Acq: 6 Apr 2020 23:31

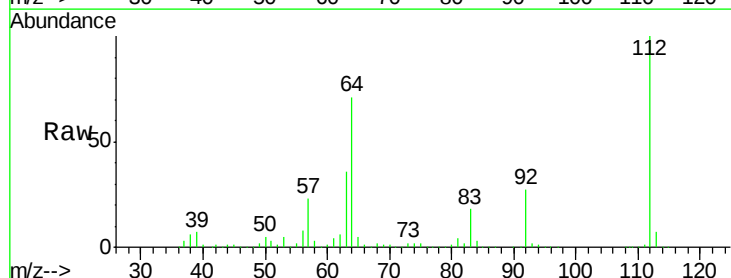
Tgt Ion:112 Resp: 1555187

Ion Ratio Lower Upper

112 100

64 70.8 56.7 85.1

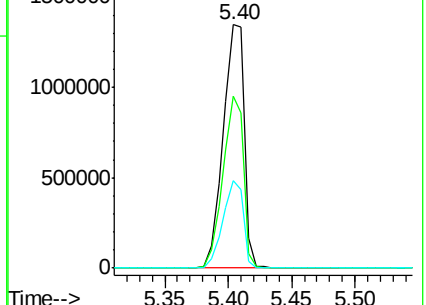
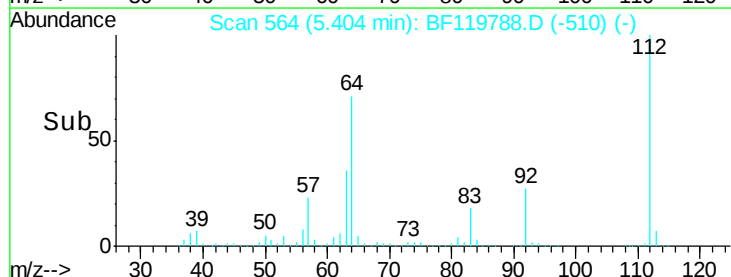
63 35.9 29.5 44.3

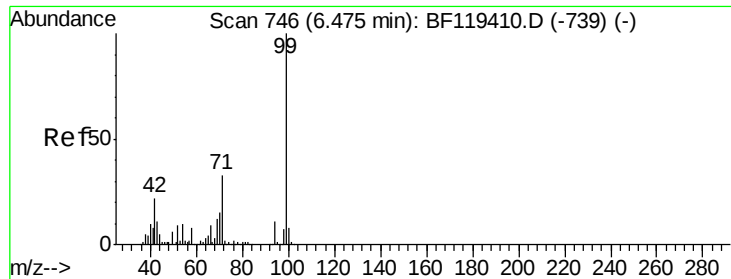


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 127.36 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119788.D

Acq: 6 Apr 2020 23:31

Instrument :

BNA_F

ClientSampleId :

TP-2

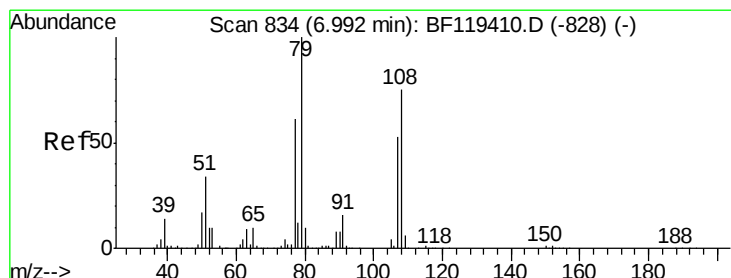
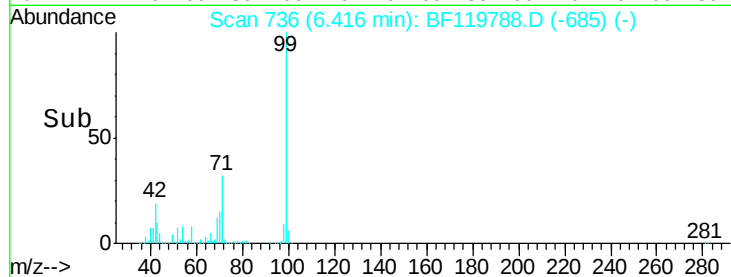
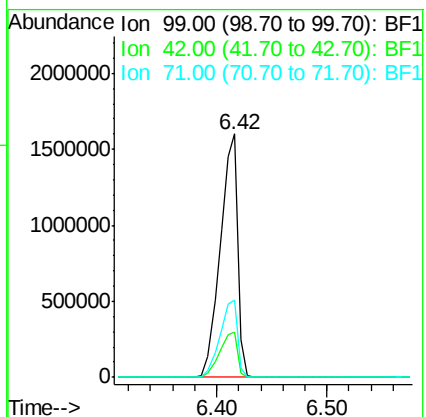
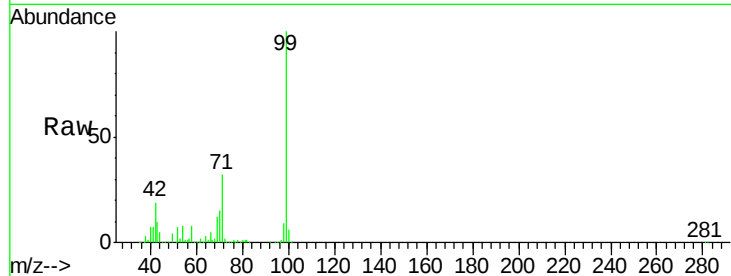
Tgt Ion: 99 Resp: 1754254

Ion Ratio Lower Upper

99 100

42 18.5 16.6 24.8

71 31.7 26.4 39.6



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BF119788.D

Acq: 6 Apr 2020 23:31

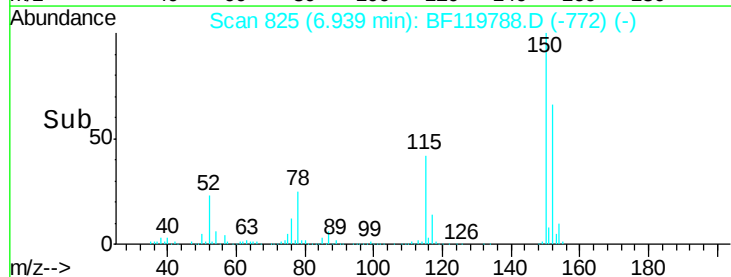
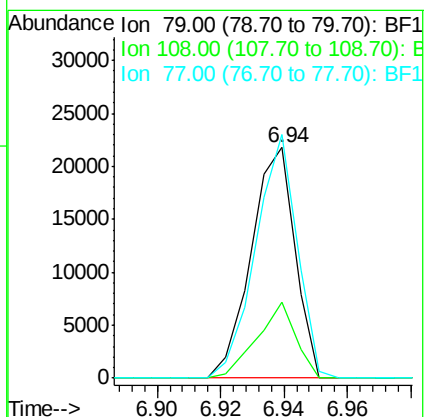
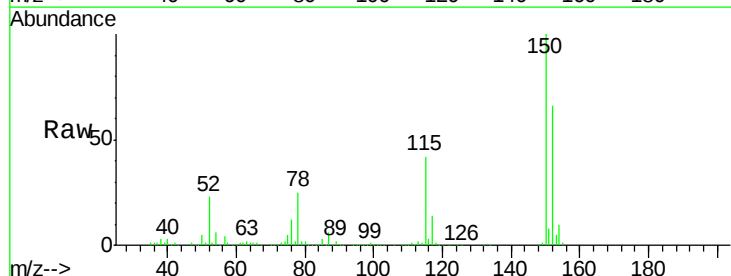
Tgt Ion: 79 Resp: 20914

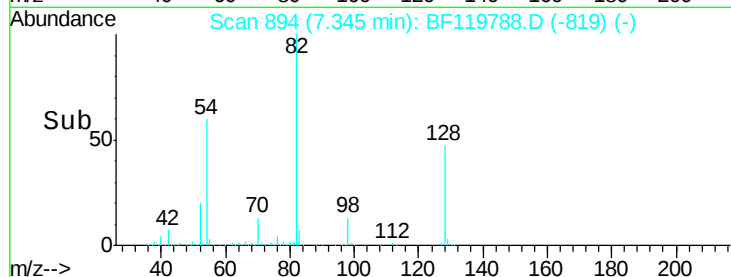
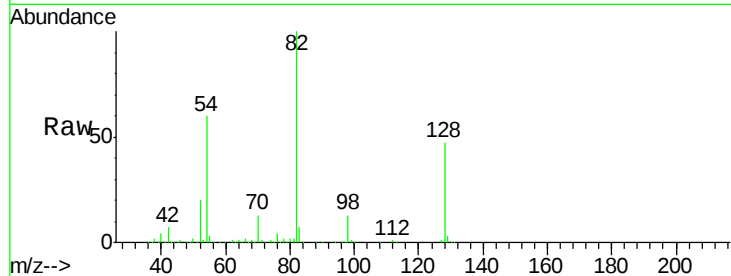
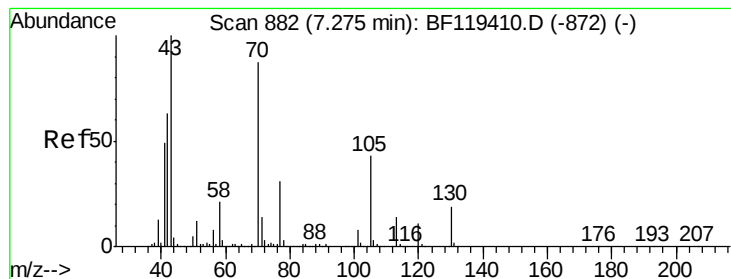
Ion Ratio Lower Upper

79 100

108 32.8 60.6 90.8#

77 105.6 50.2 75.2#





#19

n-Nitroso-di-n-propylamine

Concen: 20.78 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119788.D

Acq: 6 Apr 2020 23:31

Instrument :

BNA_F

ClientSampled :

TP-2

Tgt Ion: 70 Resp: 172492

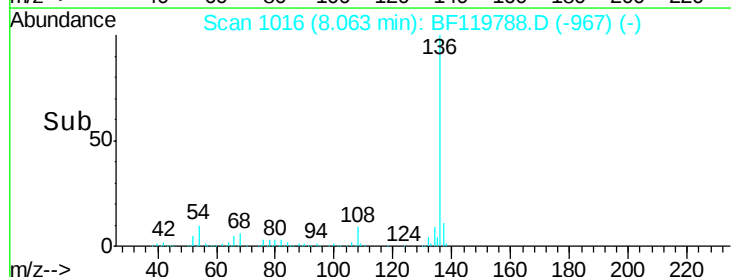
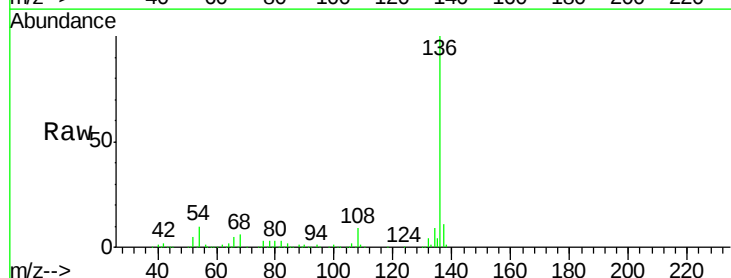
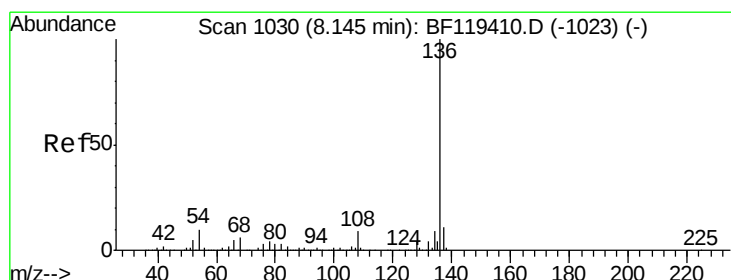
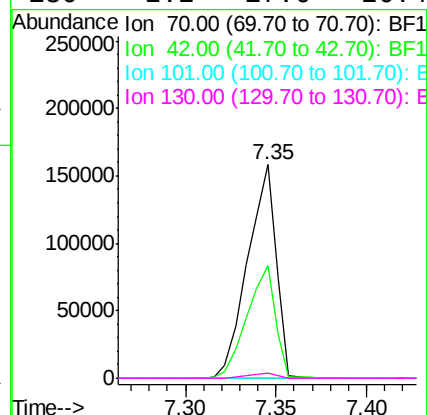
Ion Ratio Lower Upper

70 100

42 52.9 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: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF119788.D

Acq: 6 Apr 2020 23:31

Tgt Ion: 136 Resp: 654337

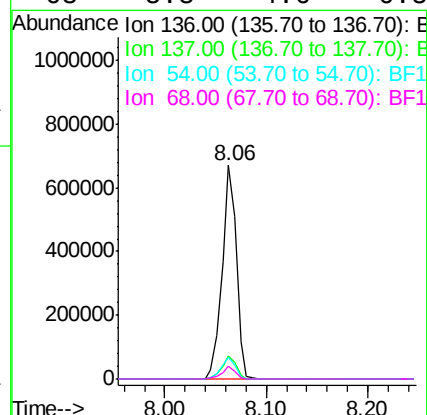
Ion Ratio Lower Upper

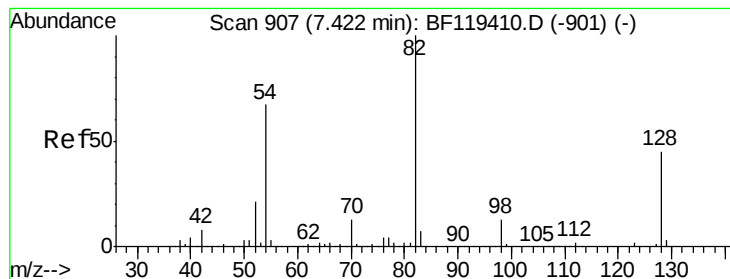
136 100

137 10.7 8.7 13.1

54 10.4 9.1 13.7

68 5.8 4.6 6.8





#23

Nitrobenzene-d5

Concen: 110.60 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF119788.D

Acq: 6 Apr 2020 23:31

Instrument :

BNA_F

ClientSampleId :

TP-2

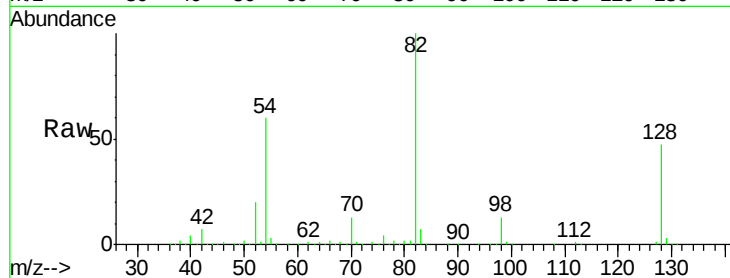
Tgt Ion: 82 Resp: 1331613

Ion Ratio Lower Upper

82 100

128 46.9 36.3 54.5

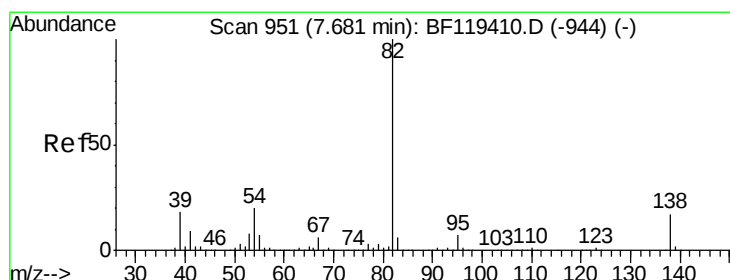
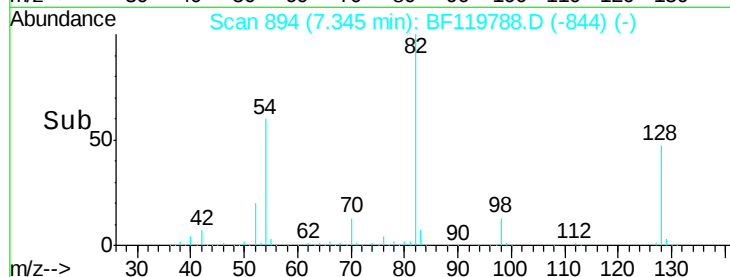
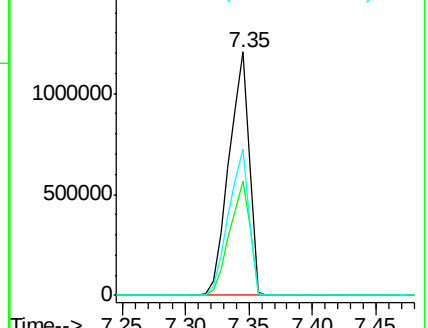
54 60.1 50.6 75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 54.52 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF119788.D

Acq: 6 Apr 2020 23:31

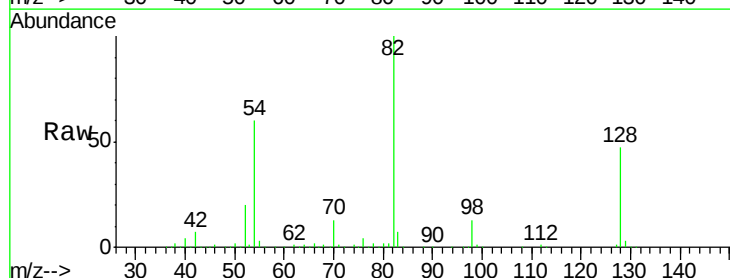
Tgt Ion: 82 Resp: 1331593

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

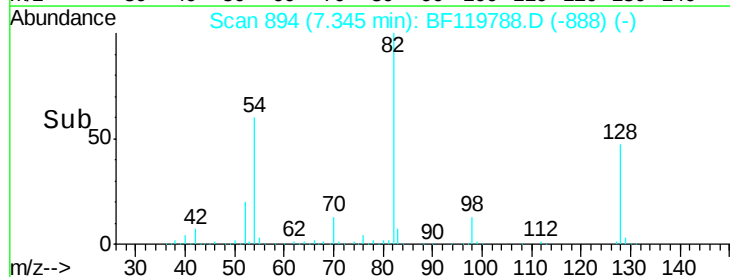
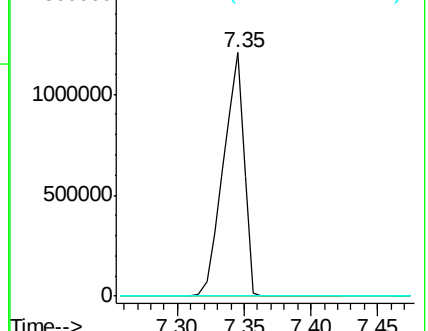
138 0.0 14.6 21.8#

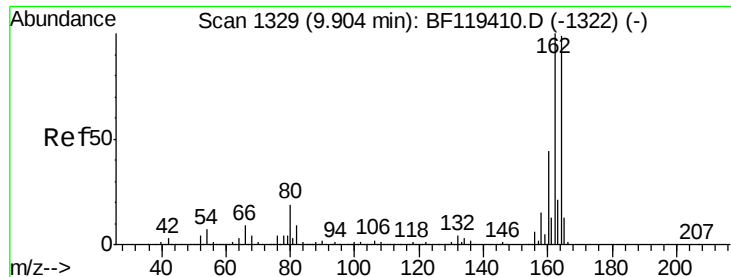


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

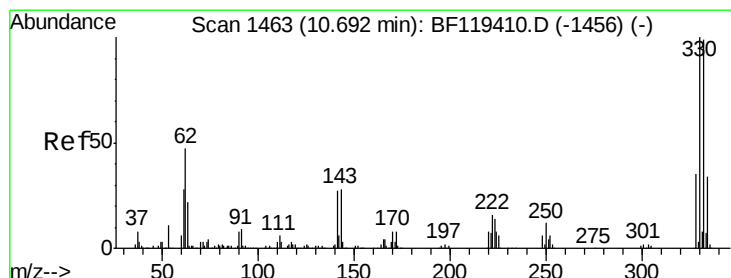
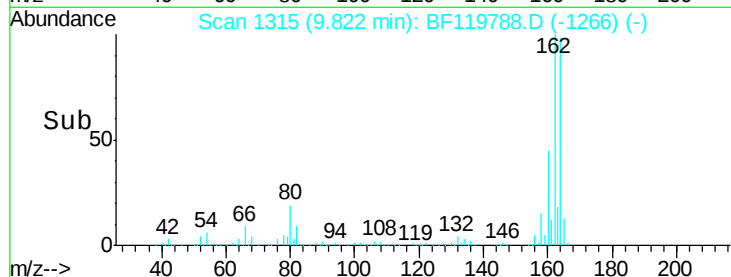
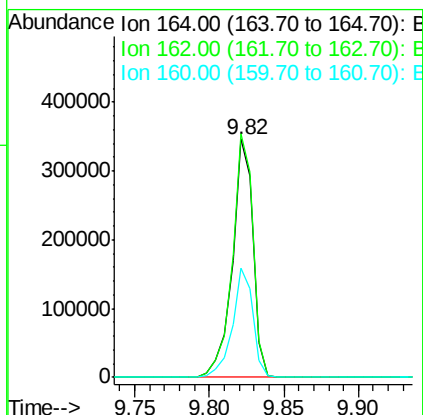
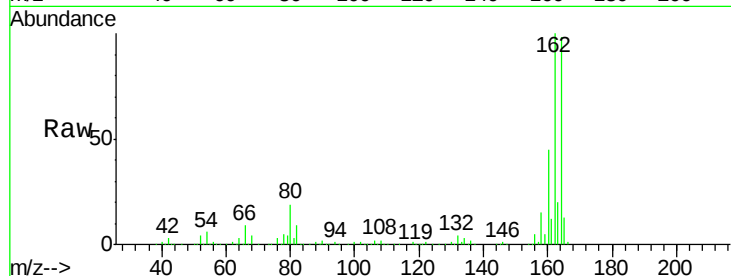




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF119788.D
 Acq: 6 Apr 2020 23:31

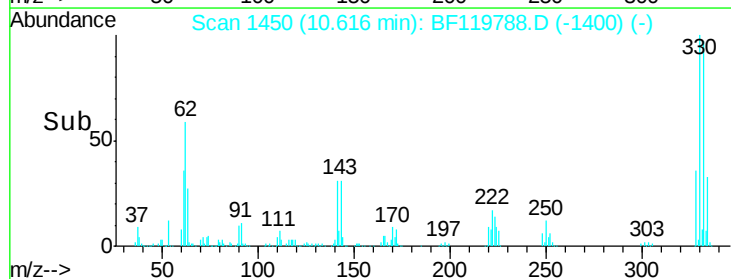
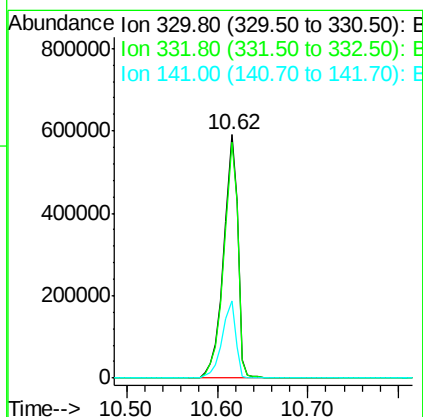
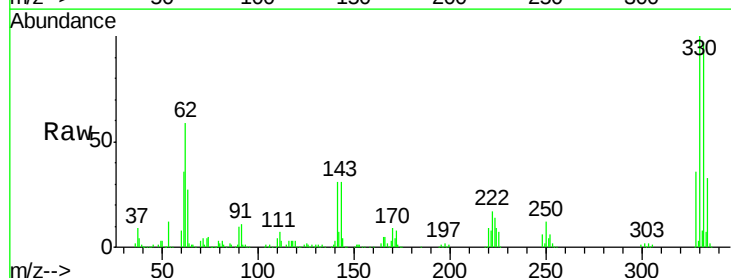
Instrument :
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 TP-2

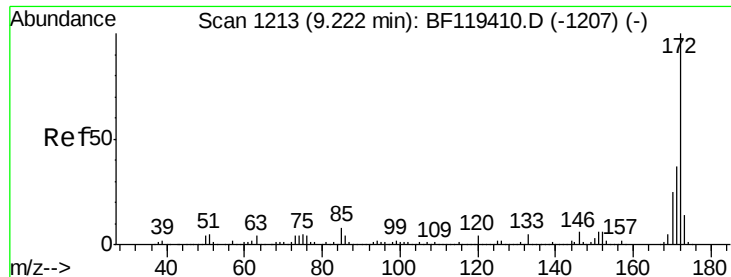
Tgt Ion:164 Resp: 338097
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.6 121.0
 160 45.8 35.7 53.5



#42
 2,4,6-Tribromophenol
 Concen: 181.46 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119788.D
 Acq: 6 Apr 2020 23:31

Tgt Ion:330 Resp: 632947
 Ion Ratio Lower Upper
 330 100
 332 96.1 75.7 113.5
 141 30.4 25.4 38.0

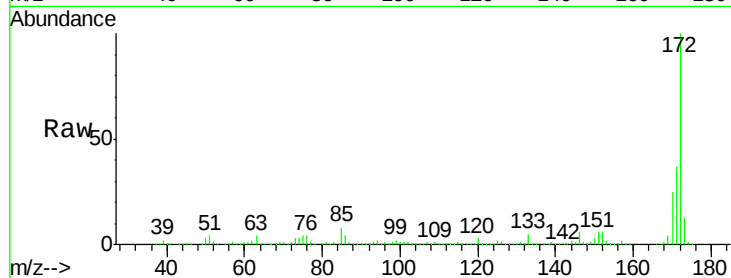




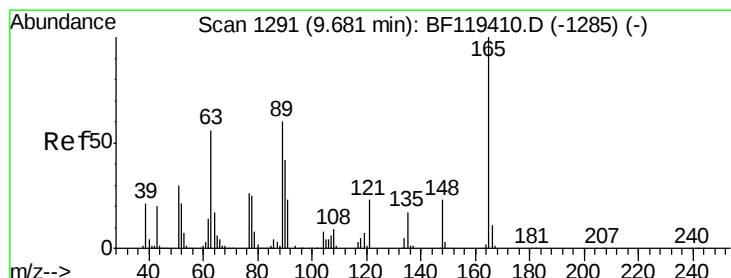
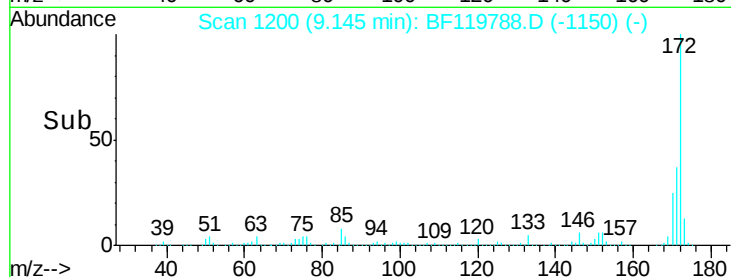
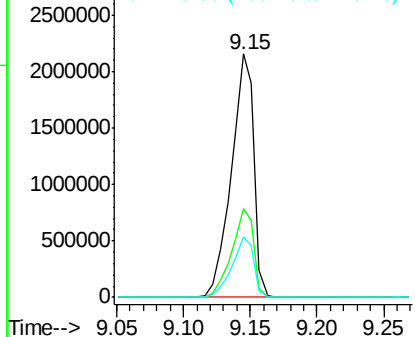
#45
 2-Fluorobiphenyl
 Concen: 111.46 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF119788.D
 Acq: 6 Apr 2020 23:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:172 Resp: 2543779
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 24.6 20.2 30.2

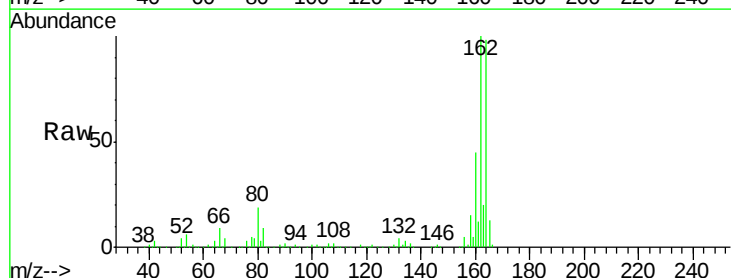


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

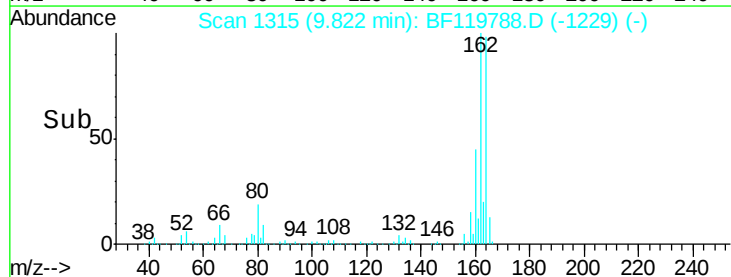
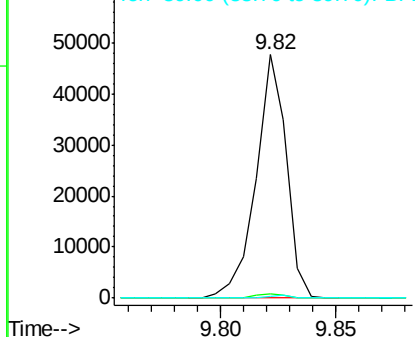


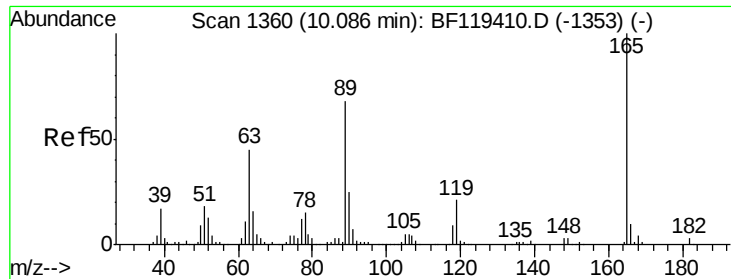
#51
 2,6-Dinitrotoluene
 Concen: 8.49 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF119788.D
 Acq: 6 Apr 2020 23:31

Tgt Ion:165 Resp: 43689
 Ion Ratio Lower Upper
 165 100
 63 1.6 45.0 67.4#
 89 0.9 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

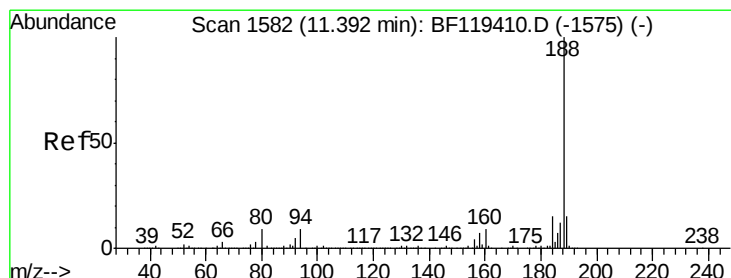
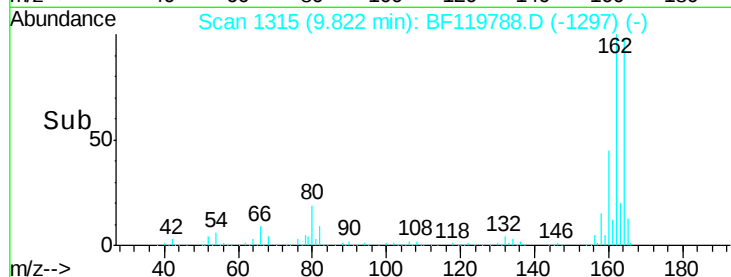
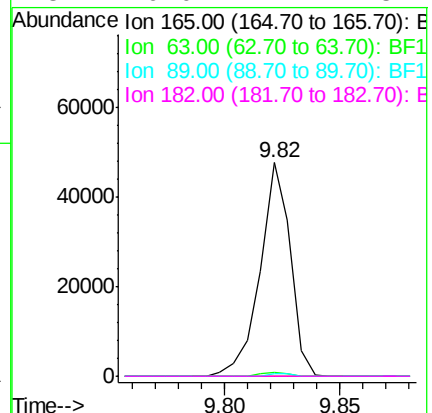
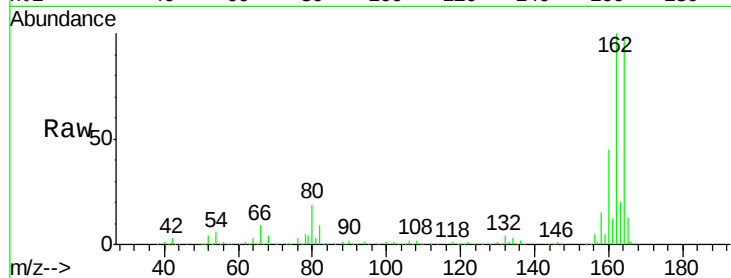




#57
 2,4-Dinitrotoluene
 Concen: 6.74 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF119788.D
 Acq: 6 Apr 2020 23:31

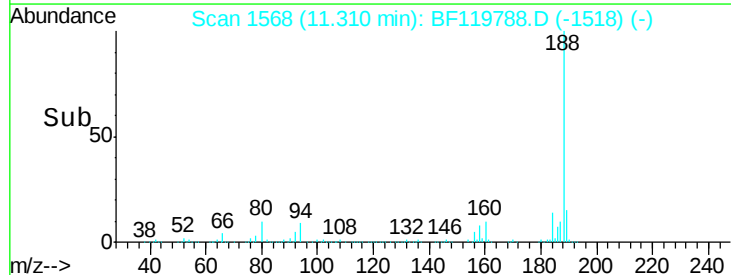
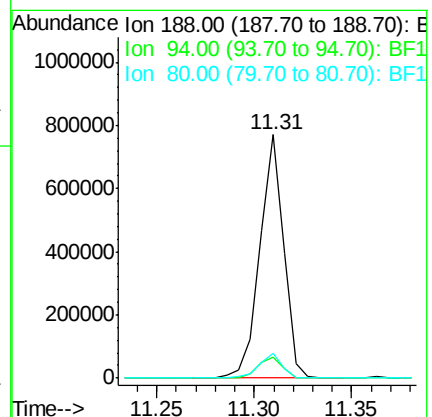
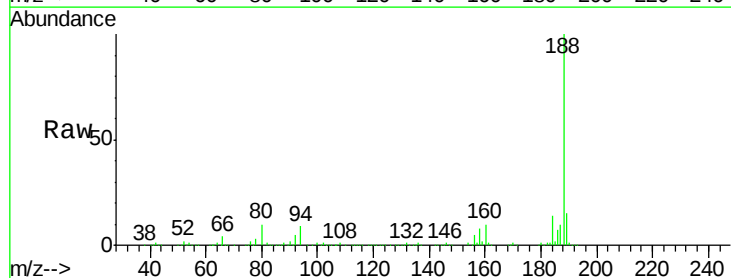
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

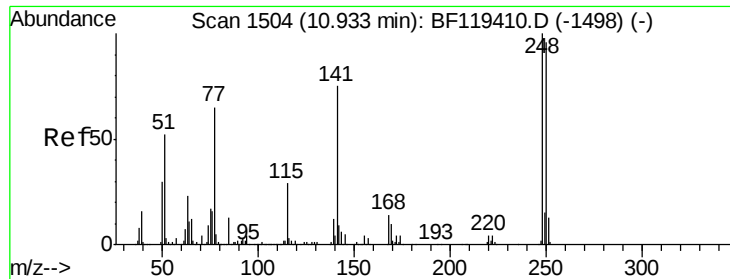
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	42.6	64.0#
89	0.9	61.0	91.4#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119788.D
 Acq: 6 Apr 2020 23:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.5	11.3
80	10.0	9.0	13.4

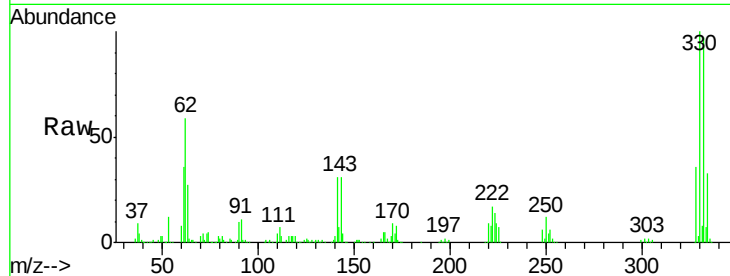




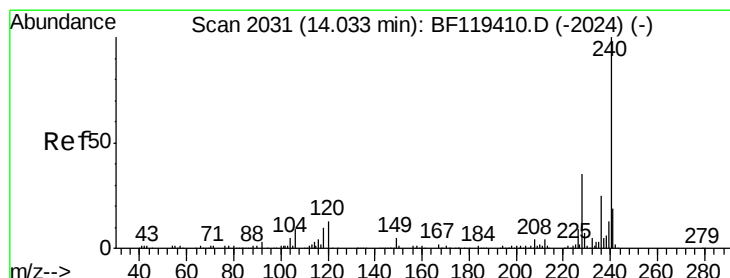
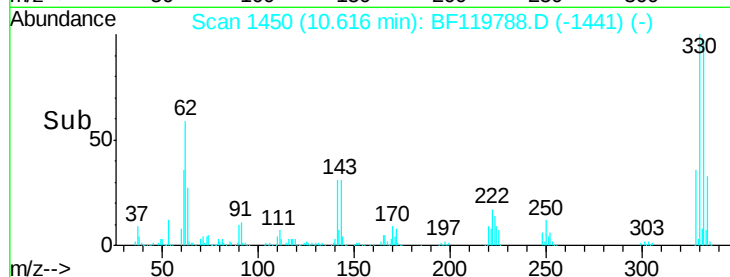
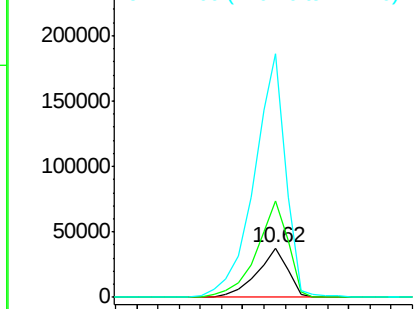
#67
4-Bromophenyl-phenylether
Concen: 5.19 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF119788.D
Acq: 6 Apr 2020 23:31

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:248 Resp: 38568
Ion Ratio Lower Upper
248 100
250 192.9 77.3 115.9#
141 490.0 58.6 87.8#

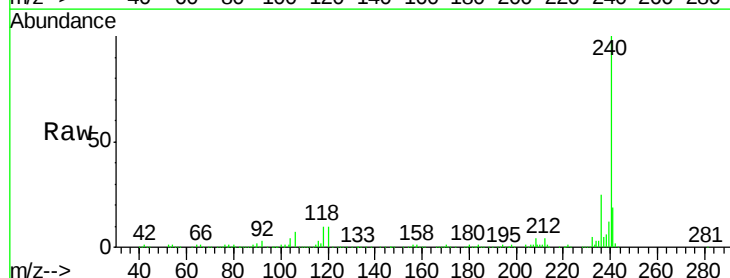


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

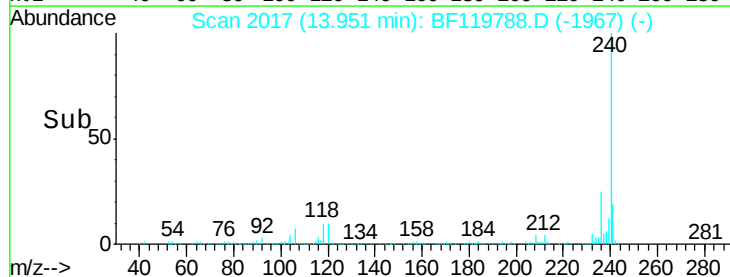
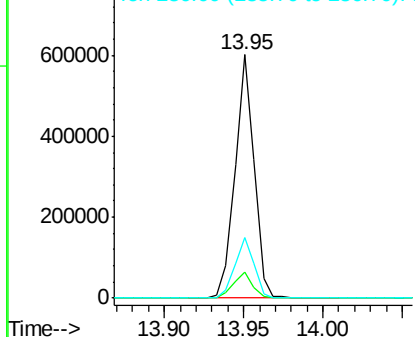


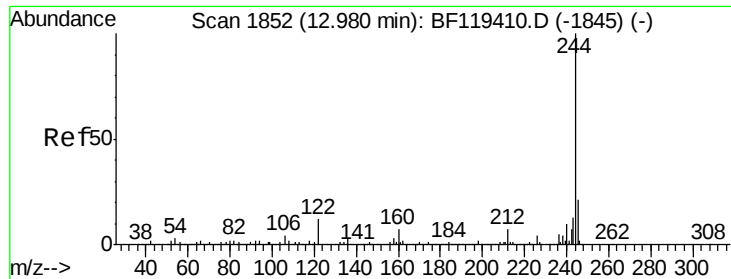
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119788.D
Acq: 6 Apr 2020 23:31

Tgt Ion:240 Resp: 503171
Ion Ratio Lower Upper
240 100
120 10.4 10.6 15.8#
236 24.9 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

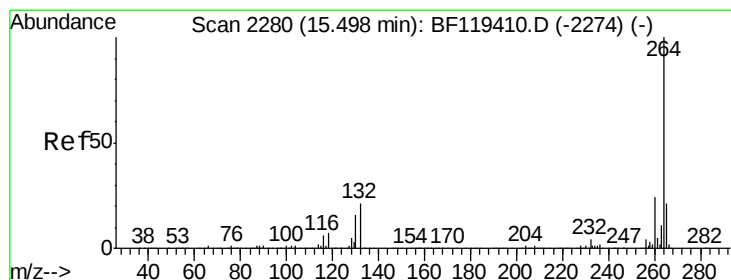
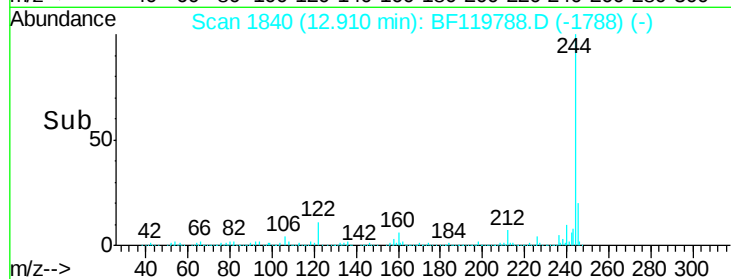
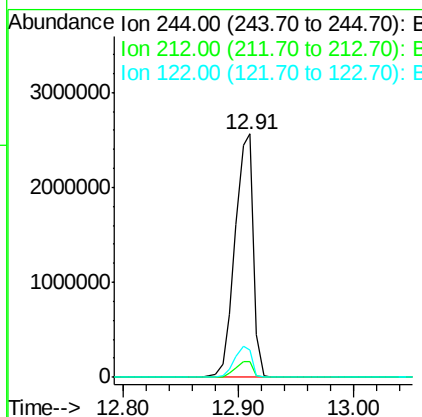
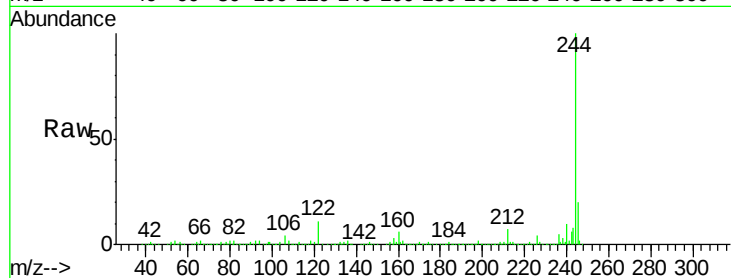




#79
 Terphenyl-d14
 Concen: 109.48 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF119788.D
 Acq: 6 Apr 2020 23:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 2811719
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 11.2 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: BF119788.D
 Acq: 6 Apr 2020 23:31

Tgt Ion:264 Resp: 470531
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.2 17.7 26.5

