

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040620\
 Data File : BF119789.D
 Acq On : 6 Apr 2020 23:58
 Operator : MA/SJ
 Sample : L2146-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-65-COMP

Quant Time: Apr 07 01:56:06 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

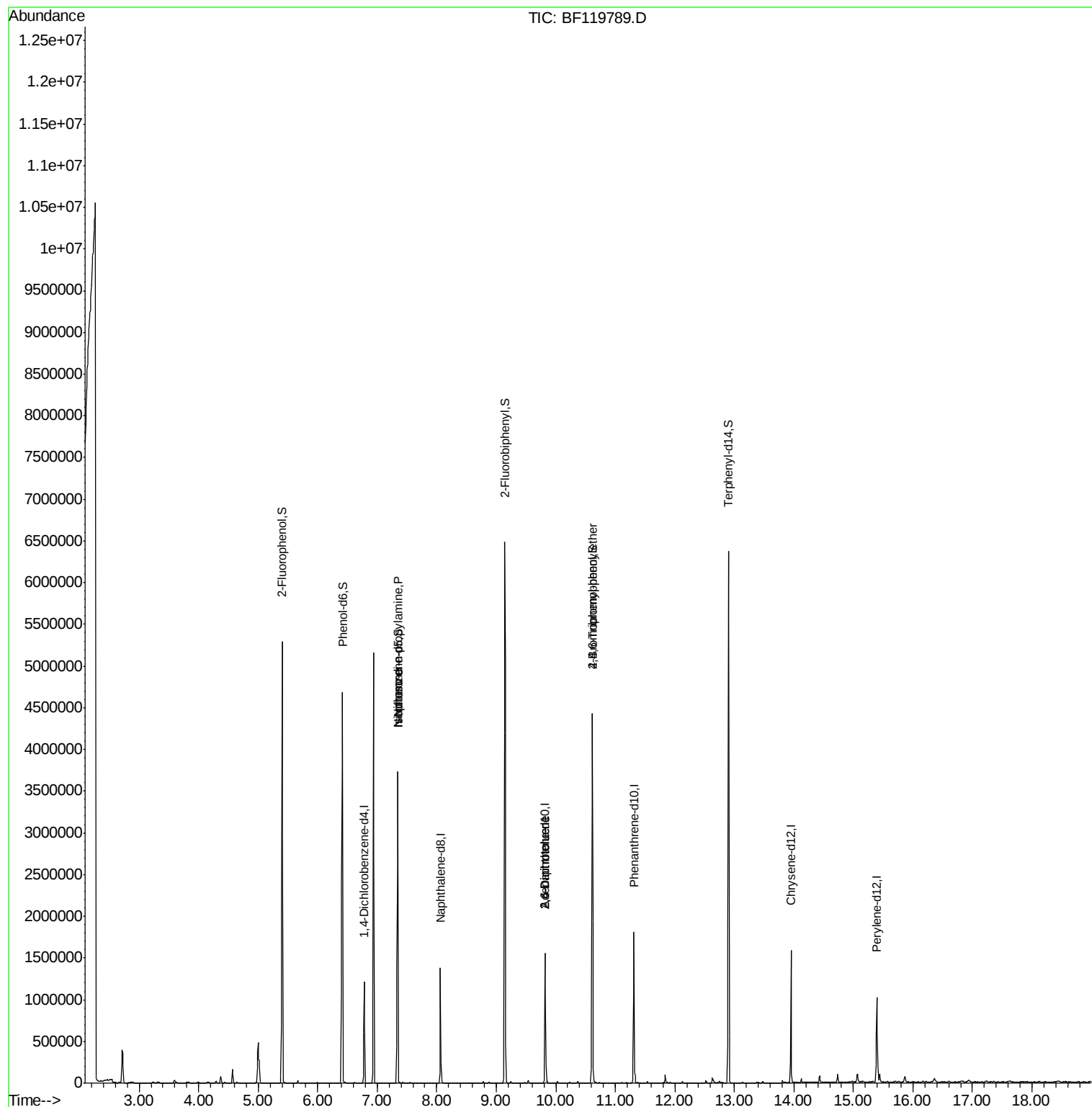
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	164153	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	625296	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	324411	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	638702	20.00	ng	0.00
76) Chrysene-d12	13.95	240	498098	20.00	ng	0.00
87) Perylene-d12	15.40	264	490627	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1476111	143.15	ng	0.02
7) Phenol-d6	6.42	99	1715447	130.23	ng	0.00
23) Nitrobenzene-d5	7.35	82	1232918	107.16	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	597468	178.52	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2276170	103.94	ng	0.00
79) Terphenyl-d14	12.90	244	2612145	102.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	161548	20.35	ng	# 73
25) Isophorone	7.35	82	1232905	52.83	ng	# 65
51) 2,6-Dinitrotoluene	9.82	165	42407	8.59	ng	# 26
57) 2,4-Dinitrotoluene	9.82	165	42407	6.82	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	38040	5.23	ng	# 1

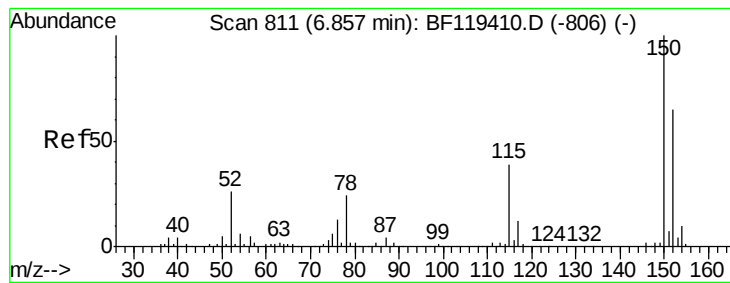
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF119789.D

Acq: 6 Apr 2020 23:58

Instrument :

BNA_F

ClientSampleId :

TP-65-COMP

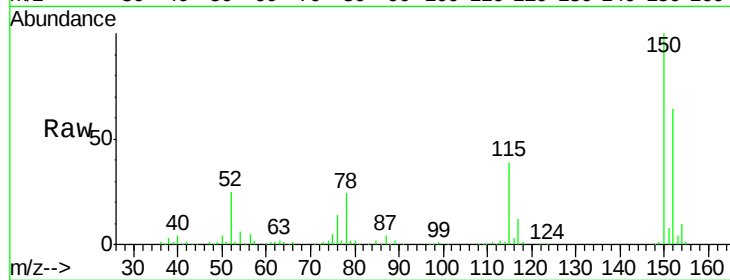
Tgt Ion:152 Resp: 164153

Ion Ratio Lower Upper

152 100

150 155.6 124.5 186.7

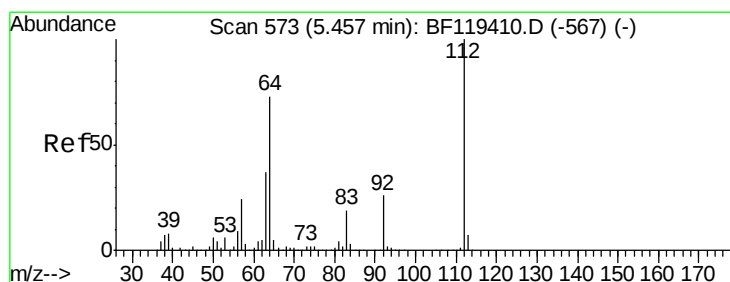
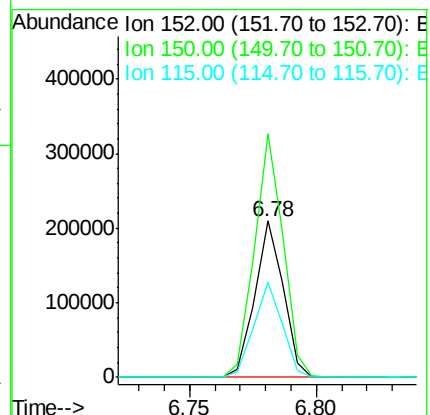
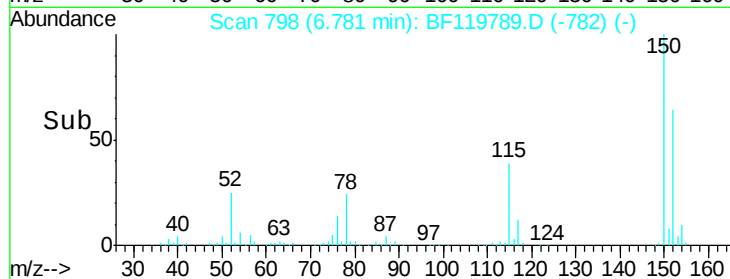
115 60.5 49.6 74.4



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: 143.15 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.02 min

Lab File: BF119789.D

Acq: 6 Apr 2020 23:58

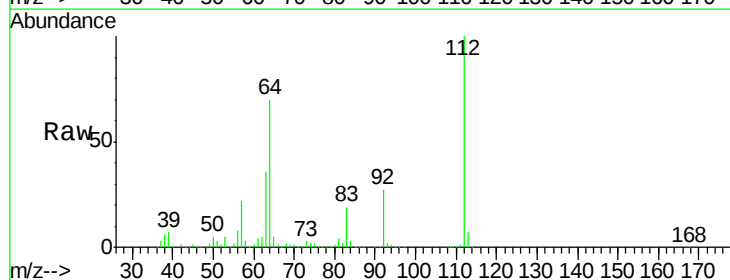
Tgt Ion:112 Resp: 1476111

Ion Ratio Lower Upper

112 100

64 69.8 56.7 85.1

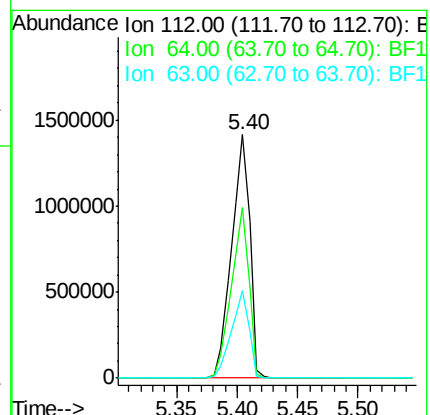
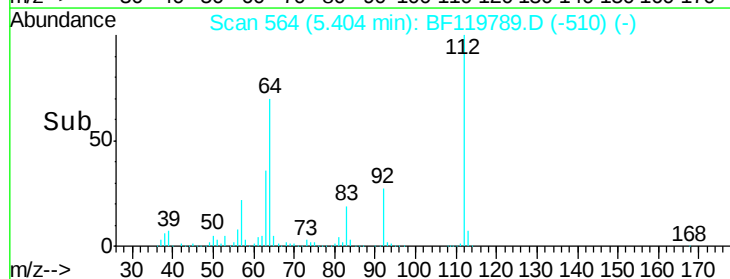
63 35.7 29.5 44.3

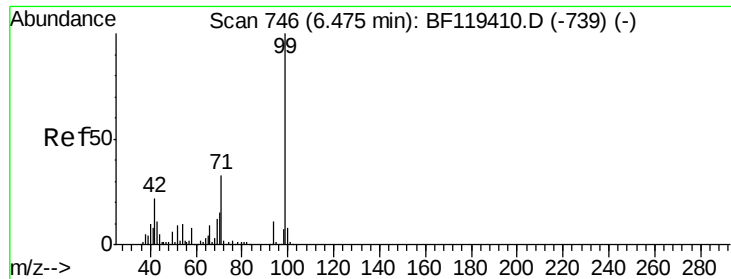


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 130.23 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF119789.D

Acq: 6 Apr 2020 23:58

Instrument :

BNA_F

ClientSampleId :

TP-65-COMP

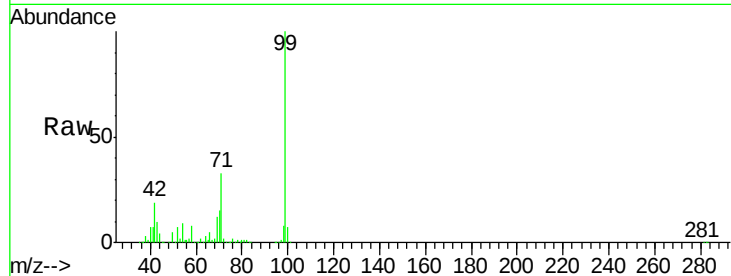
Tgt Ion: 99 Resp: 1715447

Ion Ratio Lower Upper

99 100

42 19.0 16.6 24.8

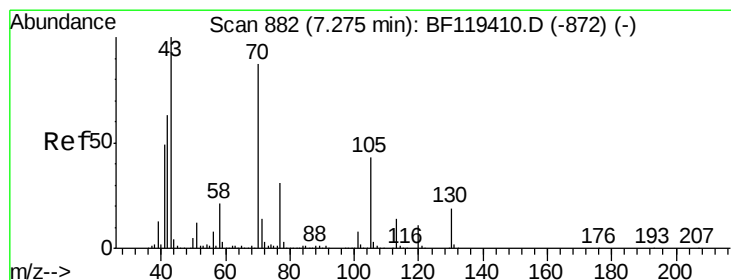
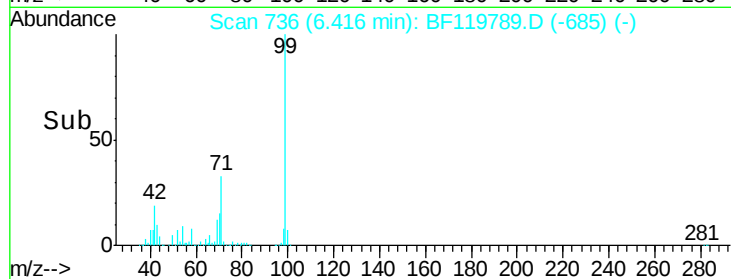
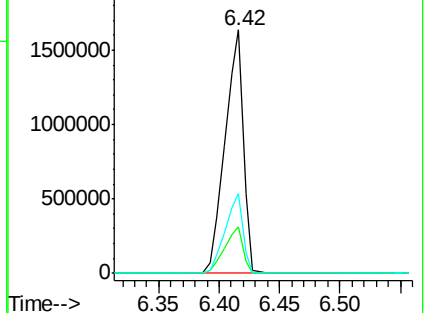
71 32.7 26.4 39.6



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: 20.35 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119789.D

Acq: 6 Apr 2020 23:58

Tgt Ion: 70 Resp: 161548

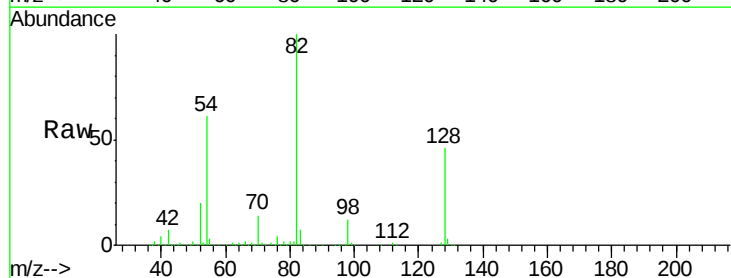
Ion Ratio Lower Upper

70 100

42 50.0 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#

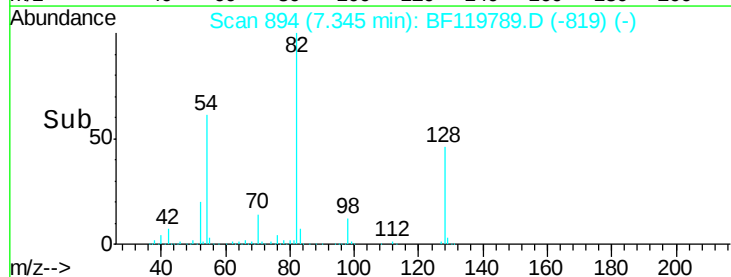
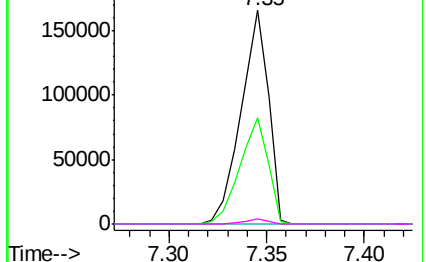


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF119789.D

Acq: 6 Apr 2020 23:58

Instrument :

BNA_F

ClientSampleId :

TP-65-COMP

Tgt Ion:136 Resp: 625296

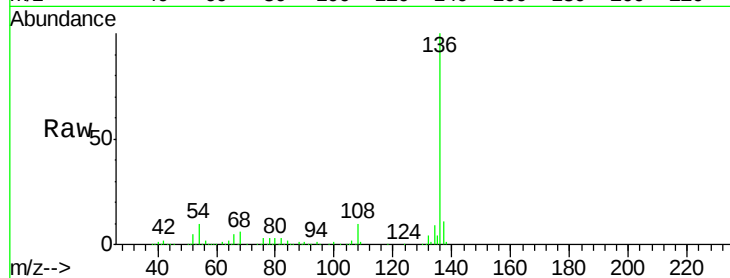
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.2 9.1 13.7

68 5.9 4.6 6.8

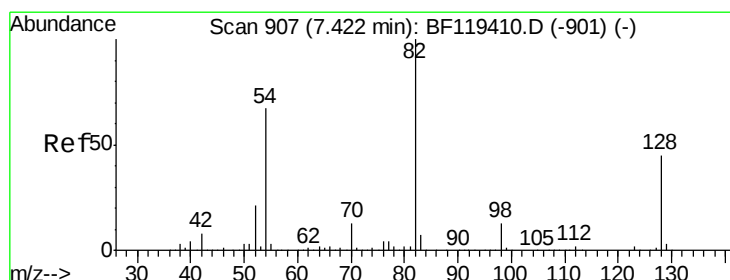
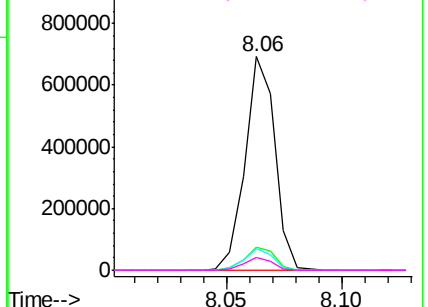
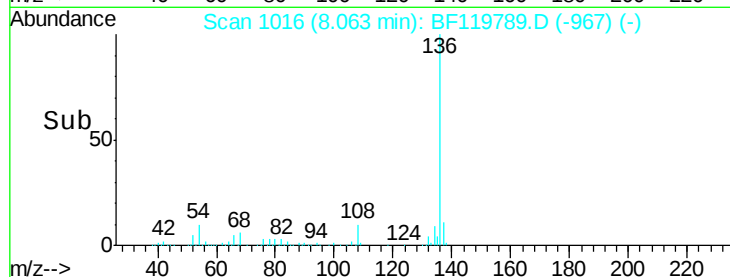


Abundance Ion 136.00 (135.70 to 136.70): E

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: 107.16 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF119789.D

Acq: 6 Apr 2020 23:58

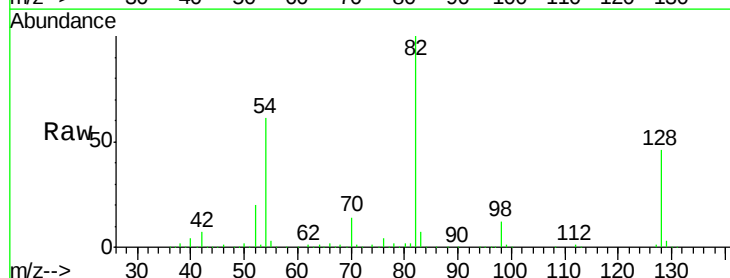
Tgt Ion: 82 Resp: 1232918

Ion Ratio Lower Upper

82 100

128 45.9 36.3 54.5

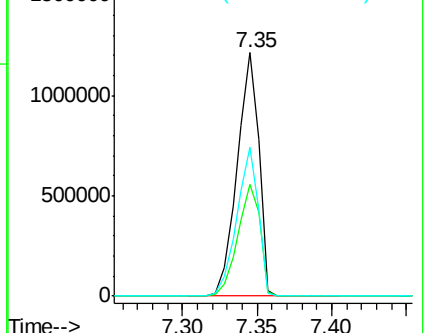
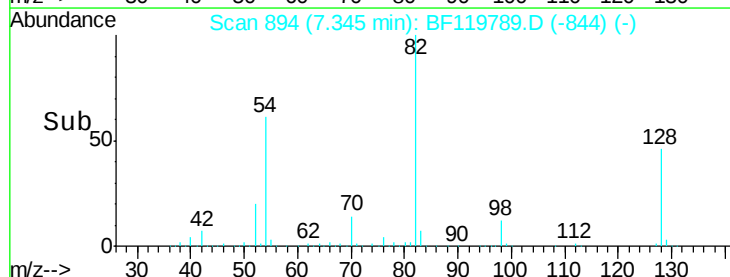
54 61.3 50.6 75.8

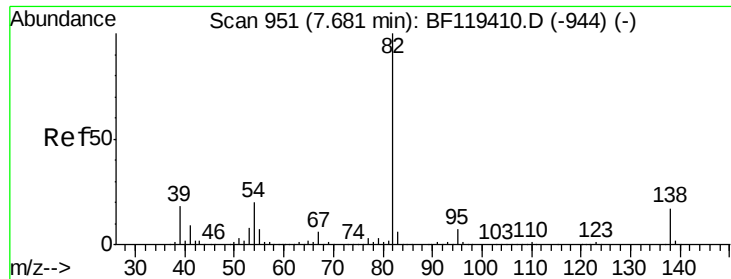


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 52.83 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF119789.D

Acq: 6 Apr 2020 23:58

Instrument :

BNA_F

ClientSampleId :

TP-65-COMP

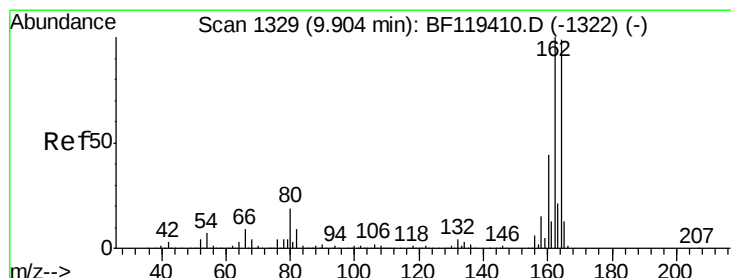
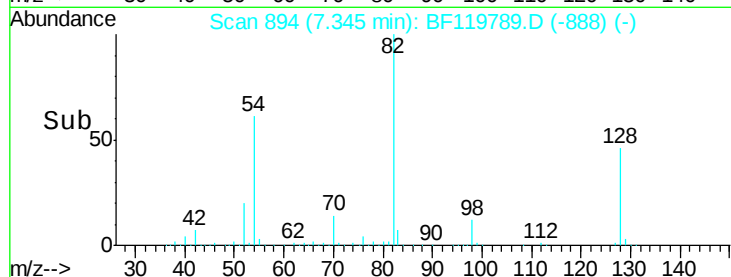
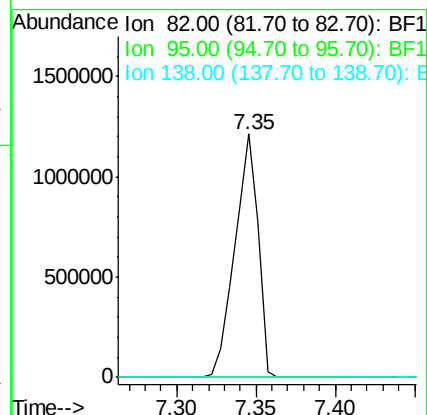
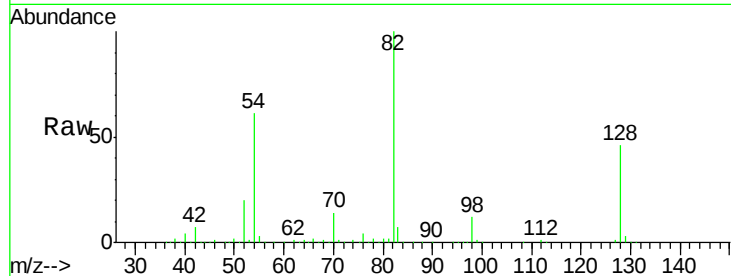
Tgt Ion: 82 Resp: 1232905

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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF119789.D

Acq: 6 Apr 2020 23:58

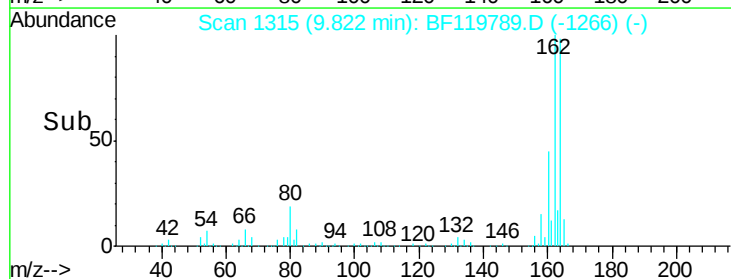
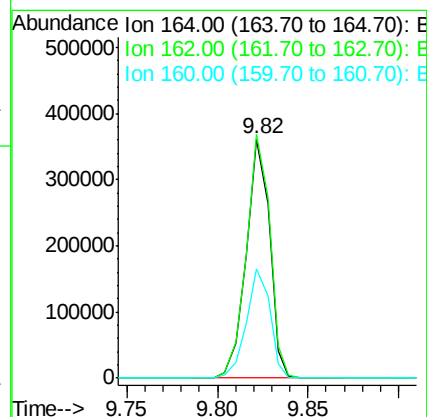
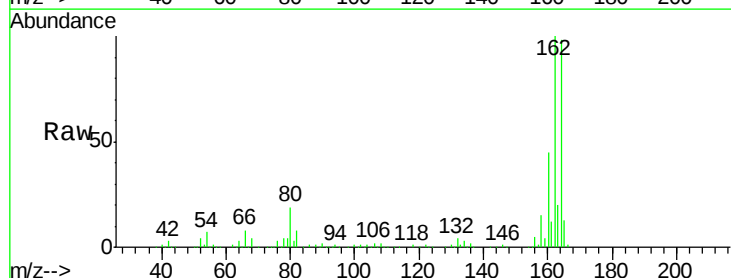
Tgt Ion: 164 Resp: 324411

Ion Ratio Lower Upper

164 100

162 101.9 80.6 121.0

160 45.8 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 178.52 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF119789.D

Acq: 6 Apr 2020 23:58

Instrument :

BNA_F

ClientSampleId :

TP-65-COMP

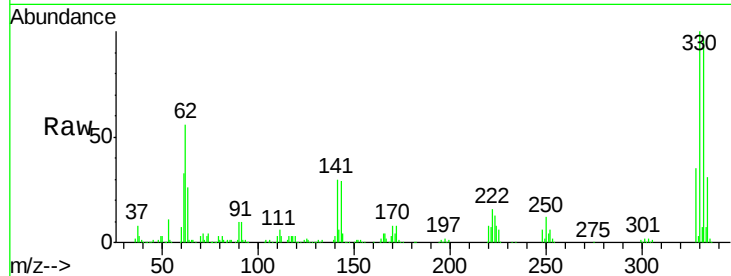
Tgt Ion:330 Resp: 597468

Ion Ratio Lower Upper

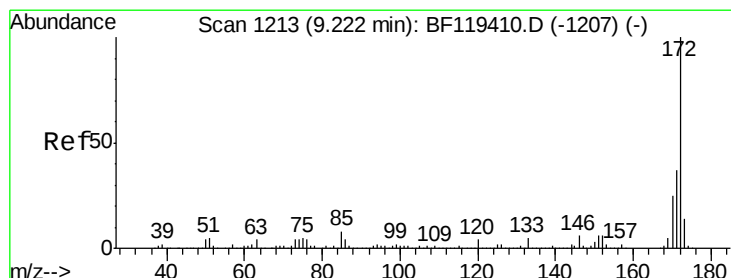
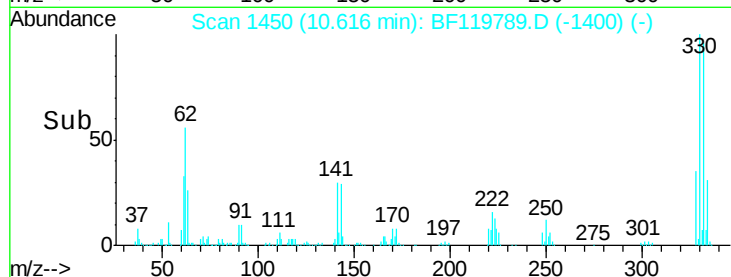
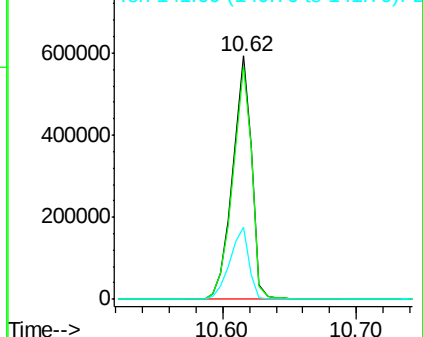
330 100

332 96.1 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: 103.94 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF119789.D

Acq: 6 Apr 2020 23:58

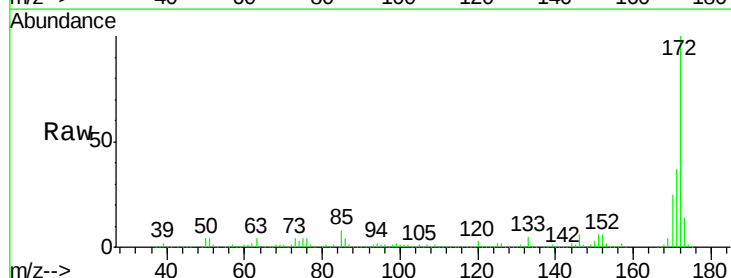
Tgt Ion:172 Resp: 2276170

Ion Ratio Lower Upper

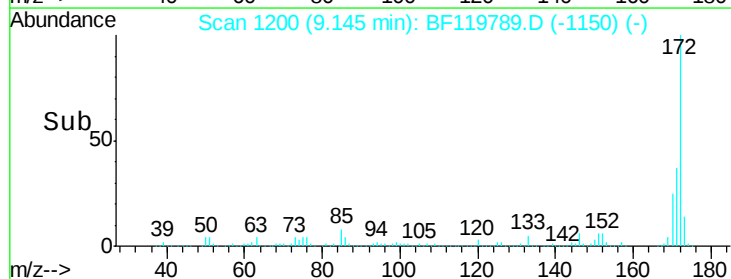
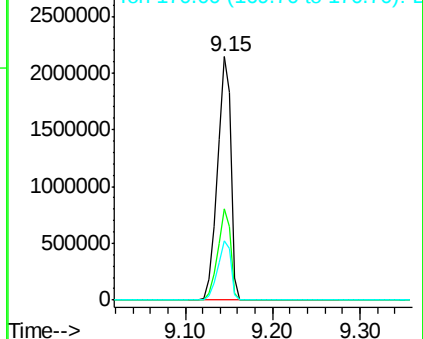
172 100

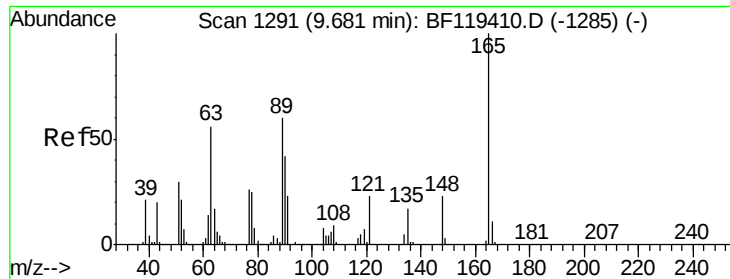
171 37.4 29.6 44.4

170 24.5 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

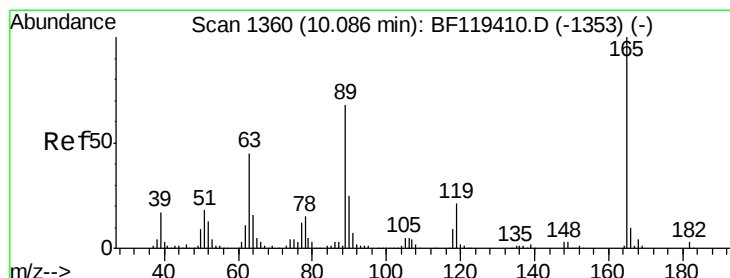
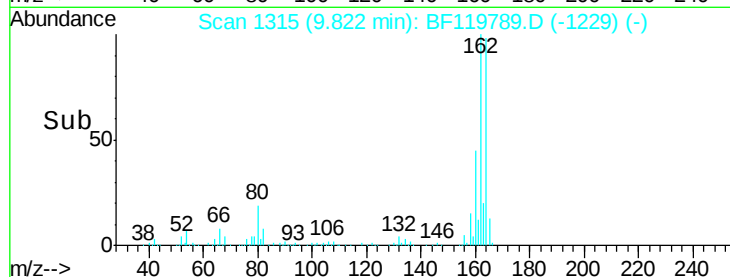
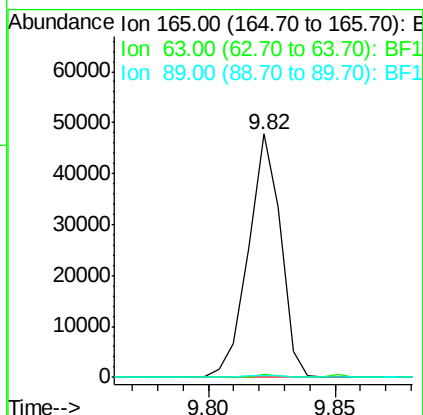
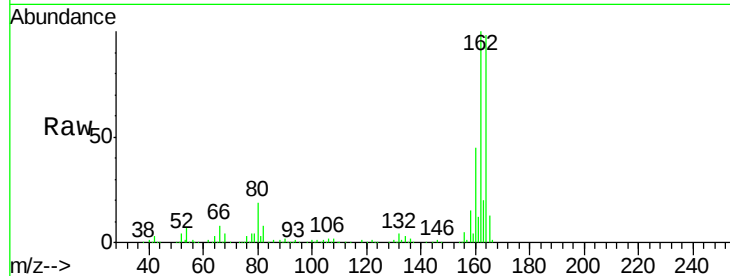




#51
 2,6-Dinitrotoluene
 Concen: 8.59 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.21 min
 Lab File: BF119789.D
 Acq: 6 Apr 2020 23:58

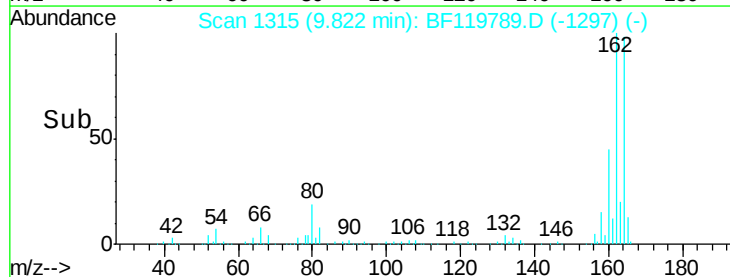
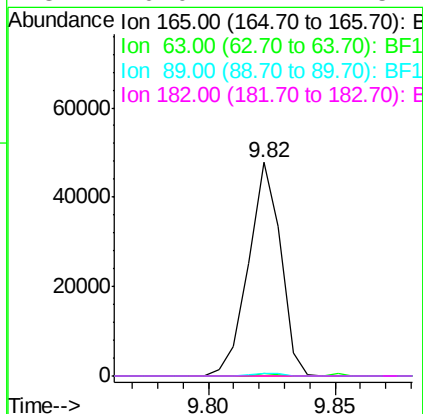
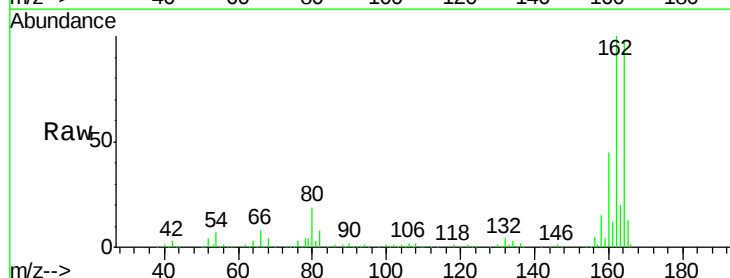
Instrument :
 BNA_F
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 TP-65-COMP

Tgt Ion:165 Resp: 42407
 Ion Ratio Lower Upper
 165 100
 63 1.3 45.0 67.4#
 89 0.9 41.5 62.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.82 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.19 min
 Lab File: BF119789.D
 Acq: 6 Apr 2020 23:58

Tgt Ion:165 Resp: 42407
 Ion Ratio Lower Upper
 165 100
 63 1.3 42.6 64.0#
 89 0.9 61.0 91.4#
 182 0.0 2.2 3.2#

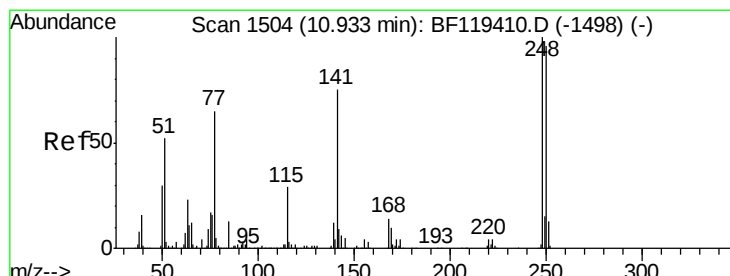
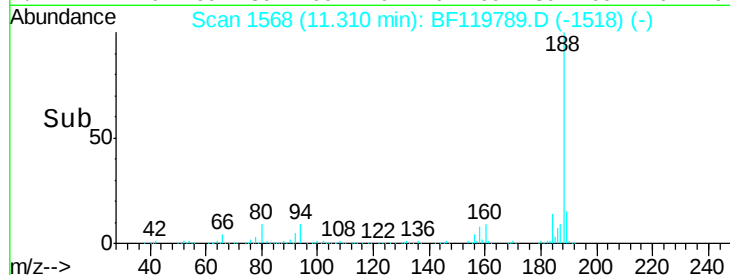
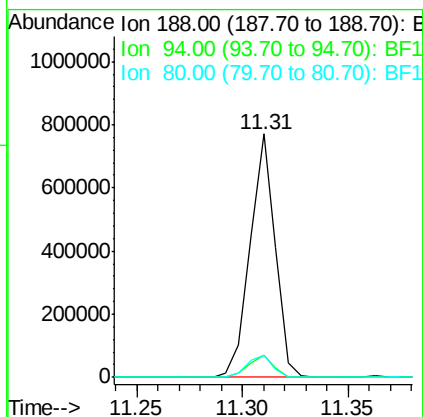
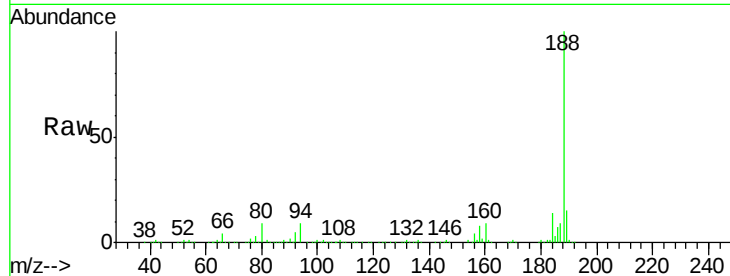




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.01 min
 Lab File: BF119789.D
 Acq: 6 Apr 2020 23:58

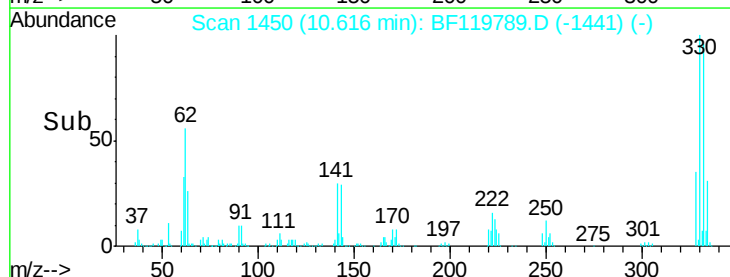
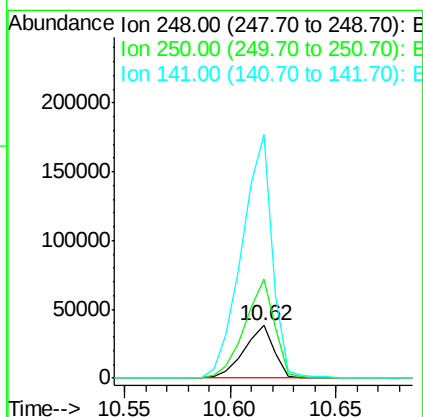
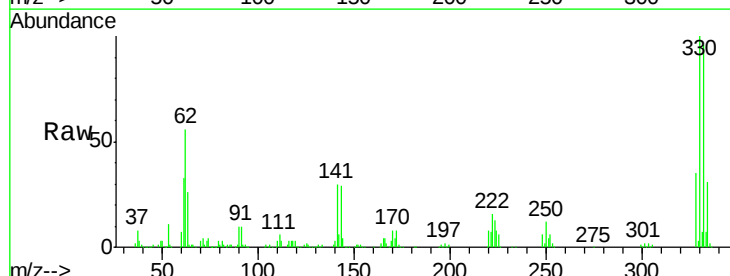
Instrument :
 BNA_F
 ClientSampleId :
 TP-65-COMP

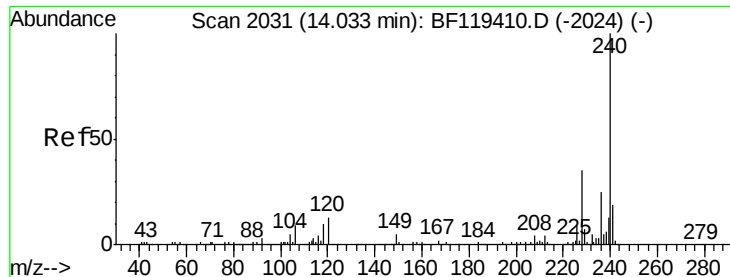
Tgt Ion:188 Resp: 638702
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.5 11.3
 80 9.0 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 5.23 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.25 min
 Lab File: BF119789.D
 Acq: 6 Apr 2020 23:58

Tgt Ion:248 Resp: 38040
 Ion Ratio Lower Upper
 248 100
 250 188.7 77.3 115.9#
 141 463.7 58.6 87.8#

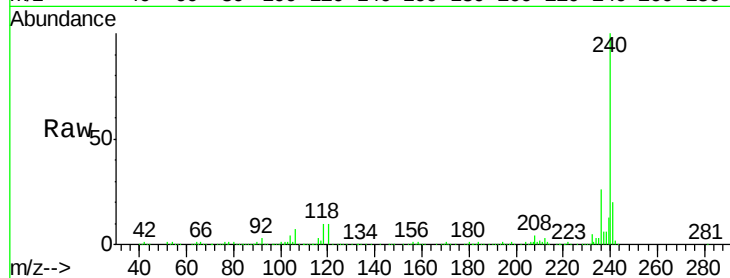




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF119789.D
Acq: 6 Apr 2020 23:58

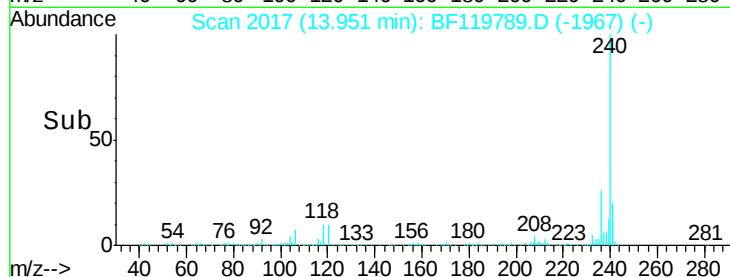
Instrument :
BNA_F
ClientSampleId :
TP-65-COMP

Tgt Ion:240 Resp: 498098
Ion Ratio Lower Upper
240 100
120 10.4 10.6 15.8#
236 25.7 20.2 30.2

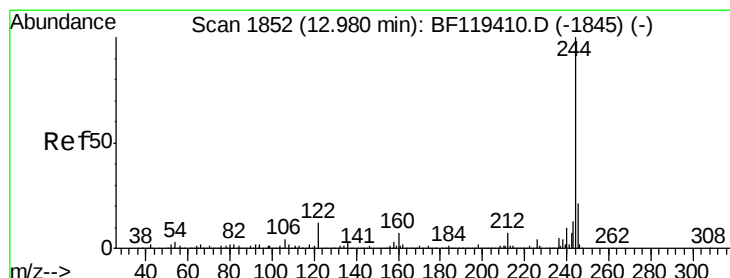


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

13.95

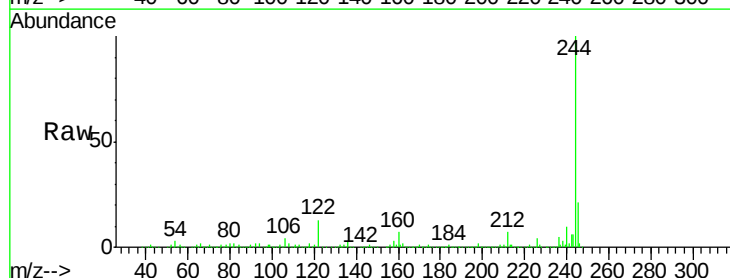


Time-->



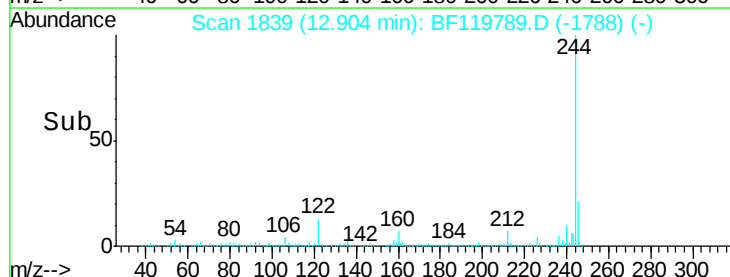
#79
Terphenyl-d14
Concen: 102.75 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BF119789.D
Acq: 6 Apr 2020 23:58

Tgt Ion:244 Resp: 2612145
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 13.1 10.3 15.5

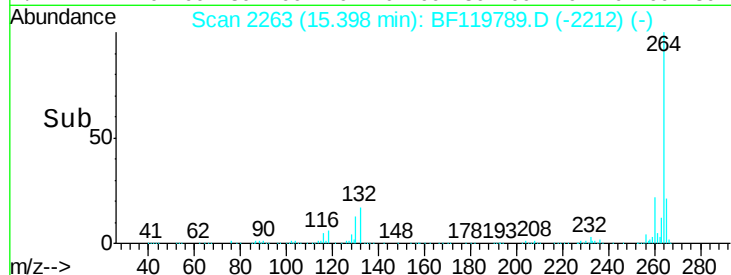
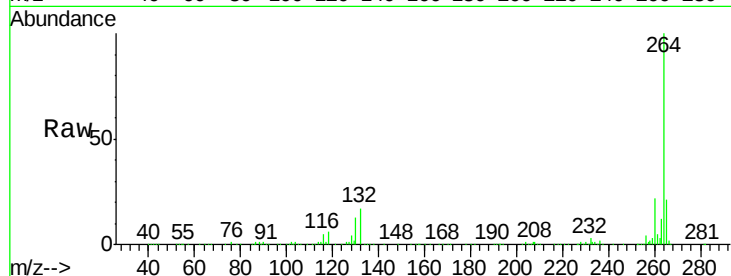
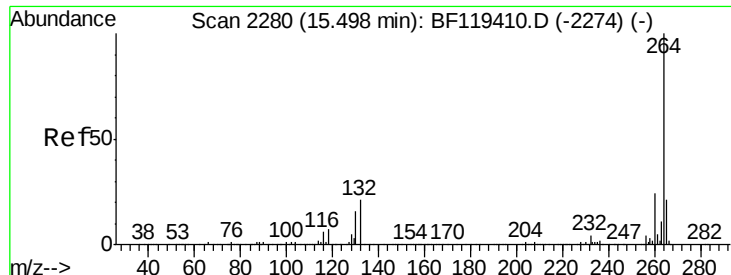


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

12.90



Time-->



#87
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF119789.D
Acq: 6 Apr 2020 23:58

Instrument :
BNA_F
ClientSampleId :
TP-65-COMP

Tgt Ion:	264	Resp:	490627
Ion Ratio	Lower	Upper	
264	100		
260	22.0	18.7	28.1
265	20.7	17.7	26.5

