

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060120\
 Data File : BF120467.D
 Acq On : 1 Jun 2020 13:31
 Operator : JU/CG
 Sample : L2790-11DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-SDL

Quant Time: Jun 01 14:04:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

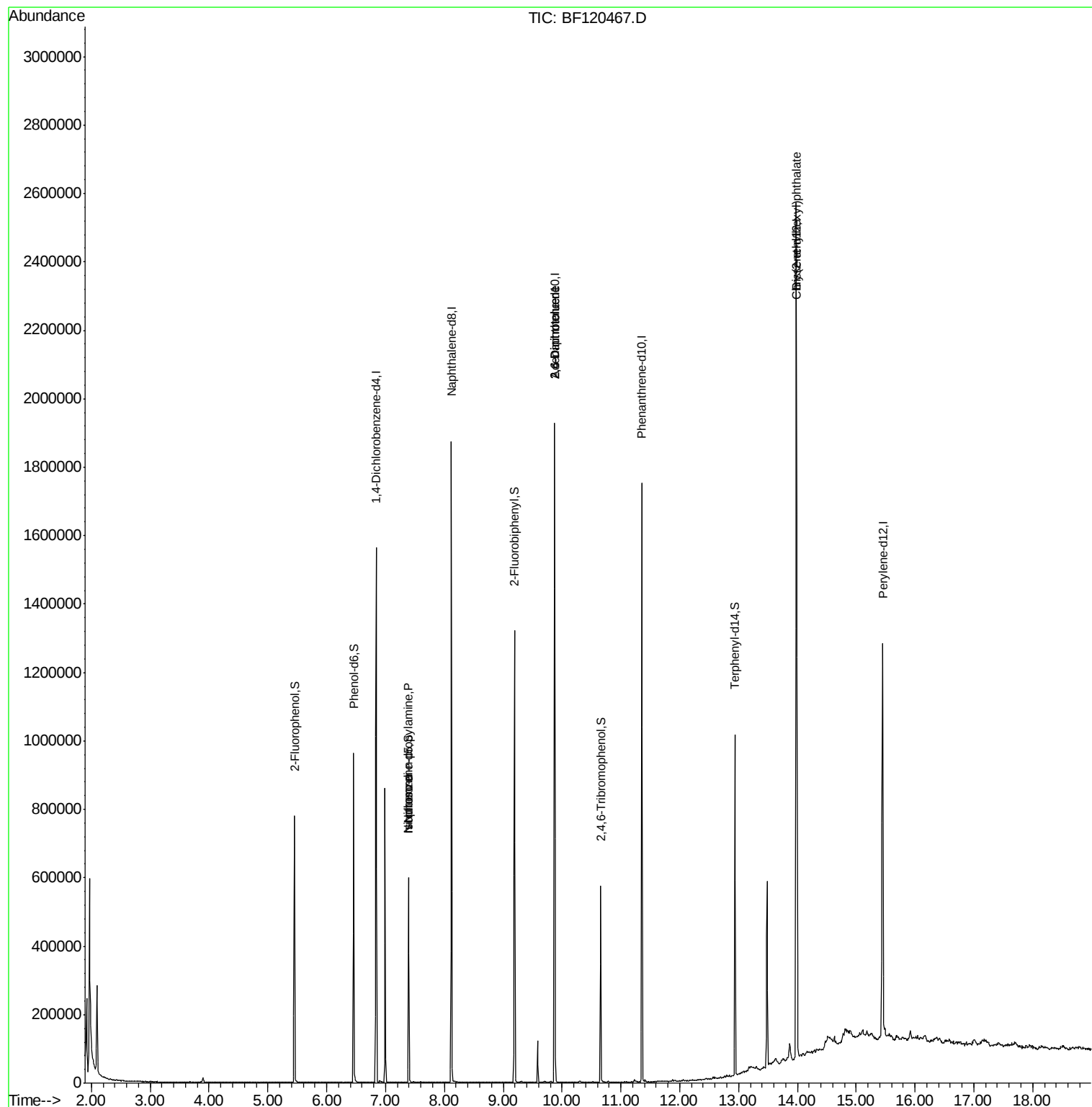
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	212855	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	778661	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	367722	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	599905	20.00	ng	0.00
76) Chrysene-d12	13.99	240	456890	20.00	ng	0.00
86) Perylene-d12	15.45	264	544962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	213832	19.14	ng	0.00
7) Phenol-d6	6.46	99	280342	20.36	ng	-0.01
23) Nitrobenzene-d5	7.39	82	163469	13.73	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	64837	19.03	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	360092	16.61	ng	0.00
79) Terphenyl-d14	12.94	244	311882	15.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	21067	2.407	ng	# 78
25) Isophorone	7.39	82	163279	6.825	ng	# 64
51) 2,6-Dinitrotoluene	9.87	165	47246	9.248	ng	# 23
57) 2,4-Dinitrotoluene	9.87	165	47246	7.226	ng	# 22
84) Bis(2-ethylhexyl)phthalate	13.98	149	630901	40.517	ng	99

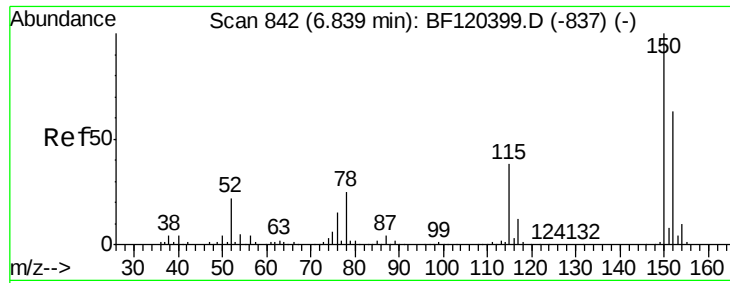
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060120\
Data File : BF120467.D
Acq On : 1 Jun 2020 13:31
Operator : JU/CG
Sample : L2790-11DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-3-SDL

Quant Time: Jun 01 14:04:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



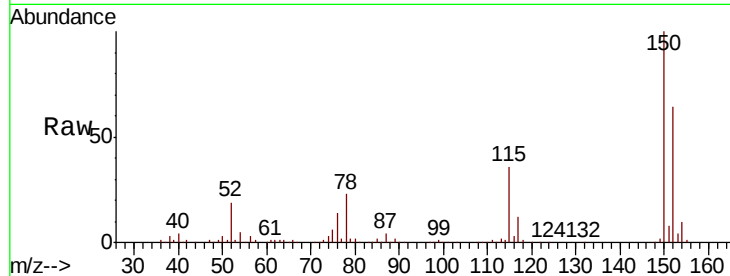


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120467.D
Acq: 1 Jun 2020 13:31

Instrument :
BNA_F
ClientSampleID :
SB-3-SDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.5	189.7
115	56.8	47.6	71.4

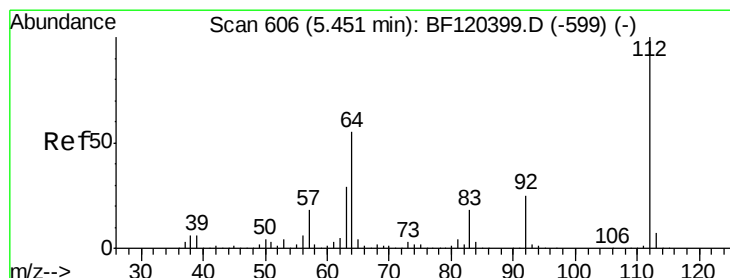
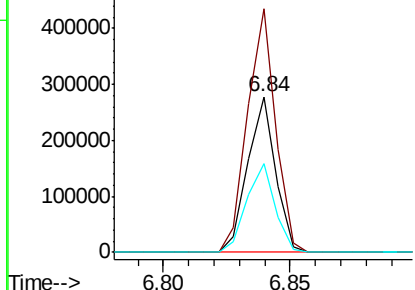
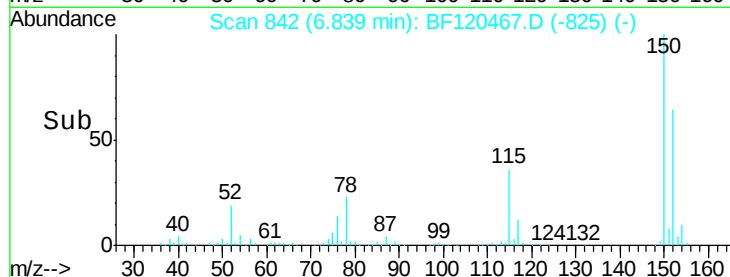


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

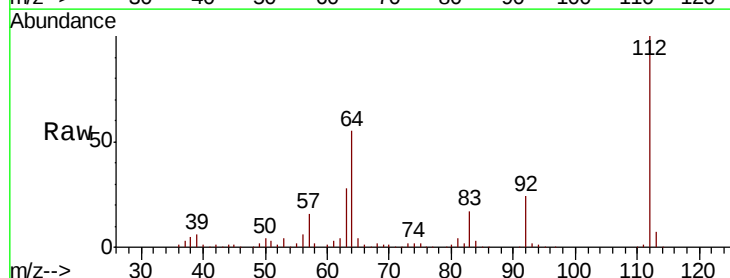
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 19.145 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120467.D
Acq: 1 Jun 2020 13:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	44.3	66.5
63	27.8	22.9	34.3

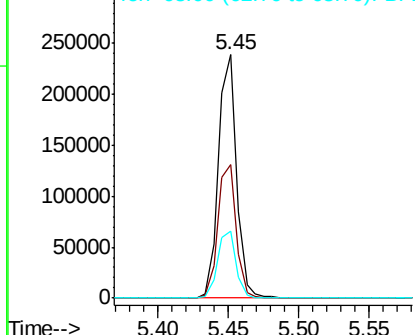
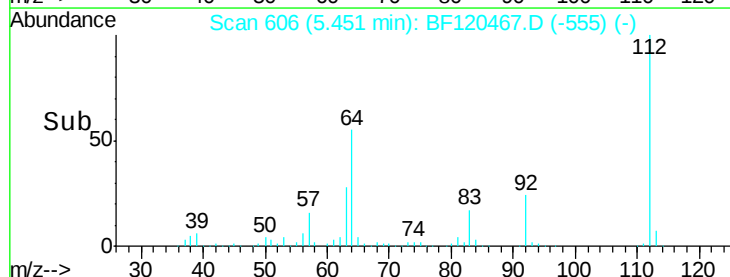


Abundance

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: 20.364 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF120467.D

Acq: 1 Jun 2020 13:31

Instrument :

BNA_F

ClientSampleId :

SB-3-SDL

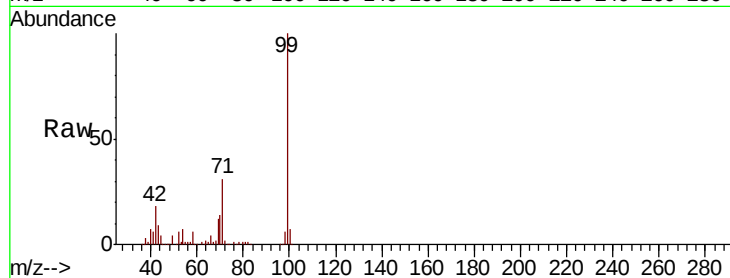
Tot Ion: 99 Resp: 280342

Ion Ratio Lower Upper

99 100

42 18.2 15.2 22.8

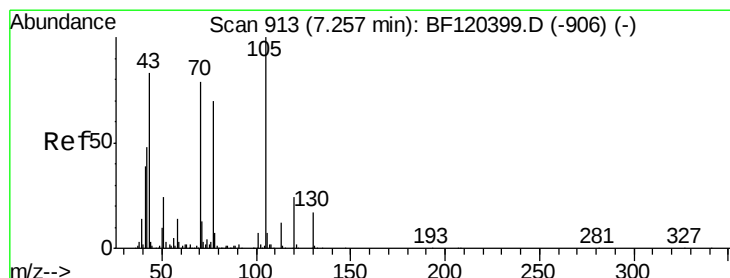
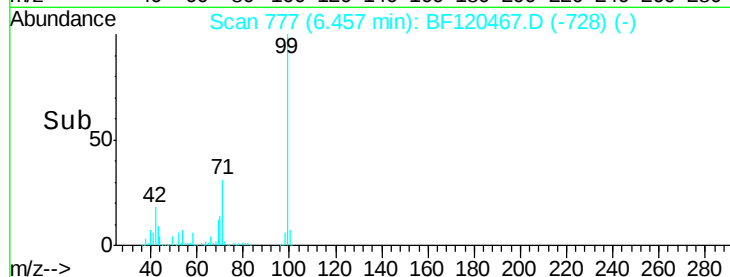
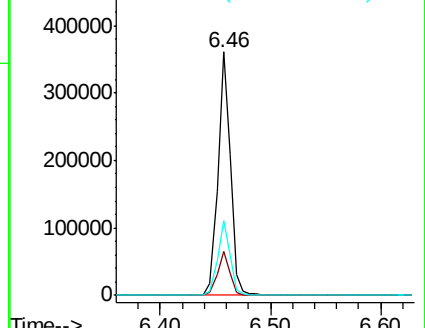
71 30.7 25.6 38.4



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: 2.407 ng

RT: 7.39 min Scan# 936

Delta R.T. 0.14 min

Lab File: BF120467.D

Acq: 1 Jun 2020 13:31

Tgt Ion: 70 Resp: 21067

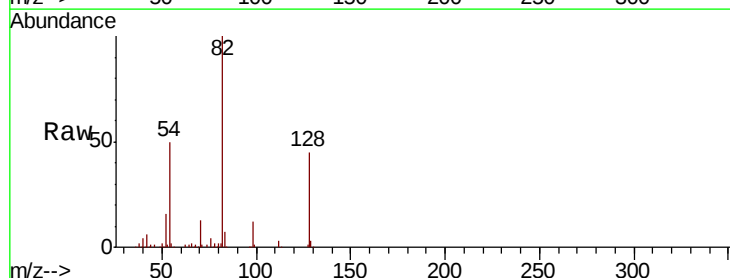
Ion Ratio Lower Upper

70 100

42 49.2 48.9 73.3

101 0.0 7.4 11.2#

130 2.2 16.8 25.2#

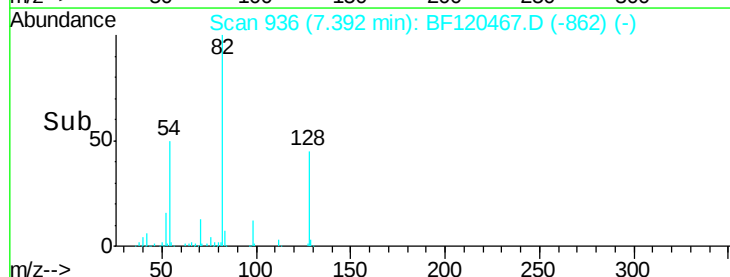
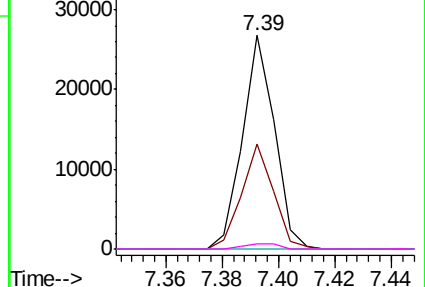


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.000 ng

RT: 8.12 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BF120467.D

Acq: 1 Jun 2020 13:31

Instrument :

BNA_F

ClientSampled :

SB-3-SDL

Tot Ion:136 Resp: 778661

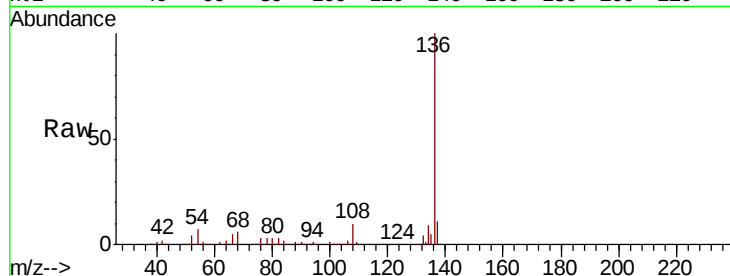
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.2 6.7 10.1

68 5.7 5.0 7.4

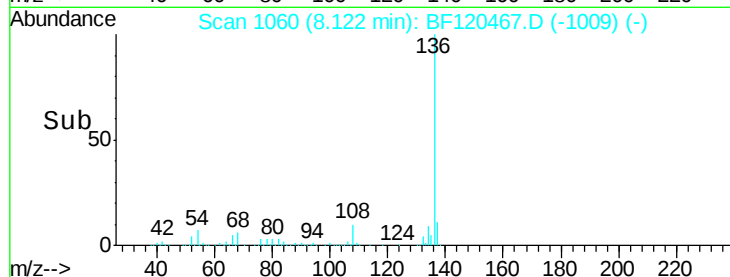


Abundance Ion 136.00 (135.70 to 136.70): E

1500000 Ion 137.00 (136.70 to 137.70): E

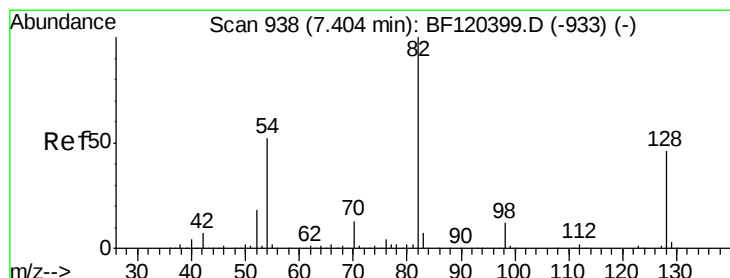
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

8.12



#23

Nitrobenzene-d5

Concen: 13.733 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF120467.D

Acq: 1 Jun 2020 13:31

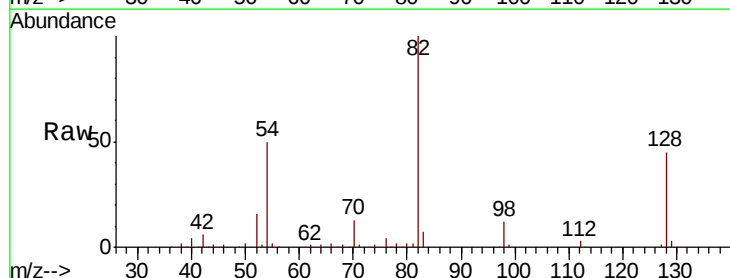
Tgt Ion: 82 Resp: 163469

Ion Ratio Lower Upper

82 100

128 45.2 36.8 55.2

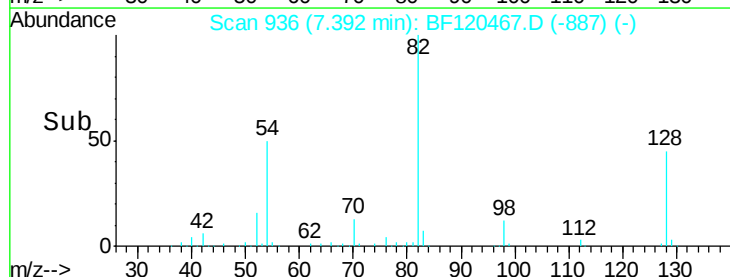
54 50.0 41.6 62.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

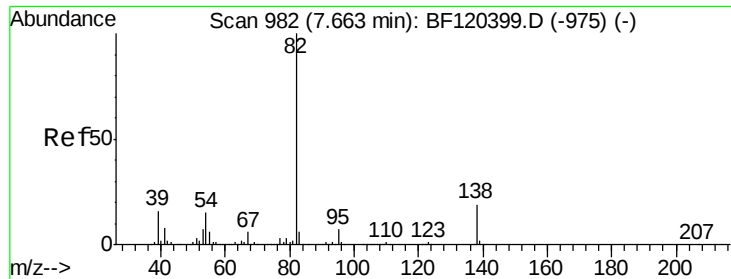
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->

7.39



#25

Isophorone

Concen: 6.825 ng

RT: 7.39 min Scan# 936

Delta R.T. -0.27 min

Lab File: BF120467.D

Acq: 1 Jun 2020 13:31

Instrument :

BNA_F

ClientSampleId :

SB-3-SDL

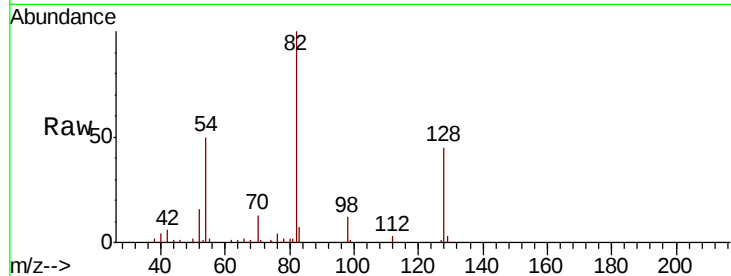
Tot Ion: 82 Resp: 163279

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 15.0 22.4#

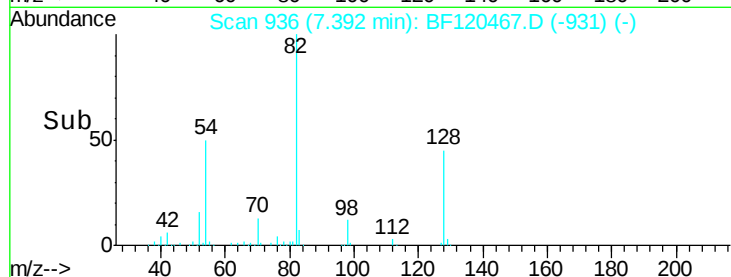


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



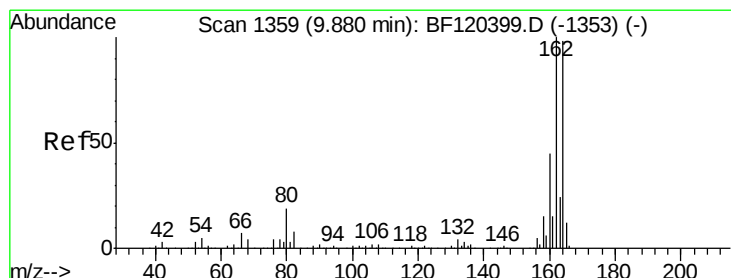
Abundance

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

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BF120467.D

Acq: 1 Jun 2020 13:31

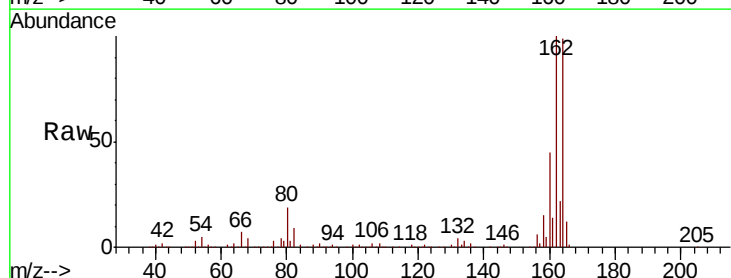
Tgt Ion:164 Resp: 367722

Ion Ratio Lower Upper

164 100

162 101.3 81.3 121.9

160 45.9 36.9 55.3

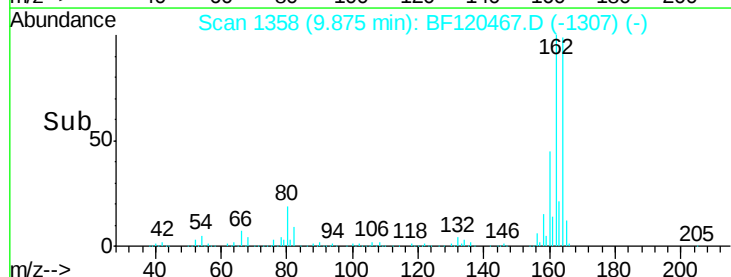


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

Time-->



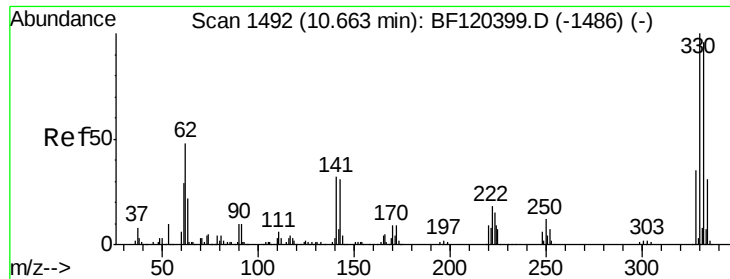
Abundance

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

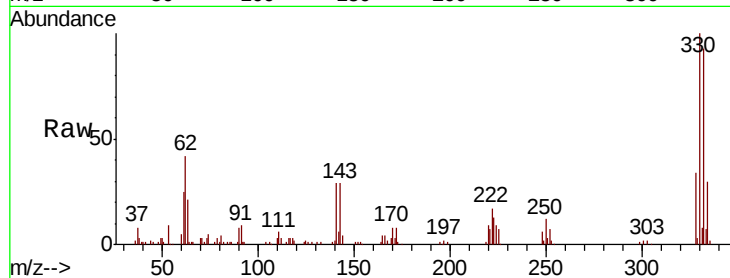
Time-->



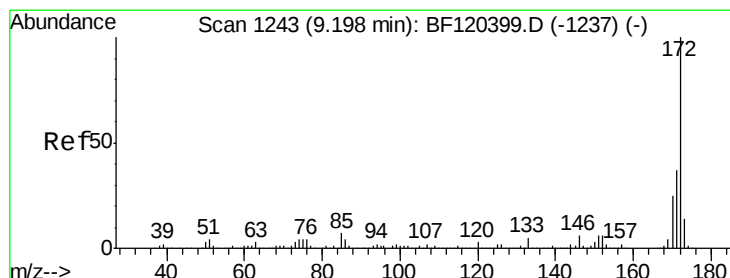
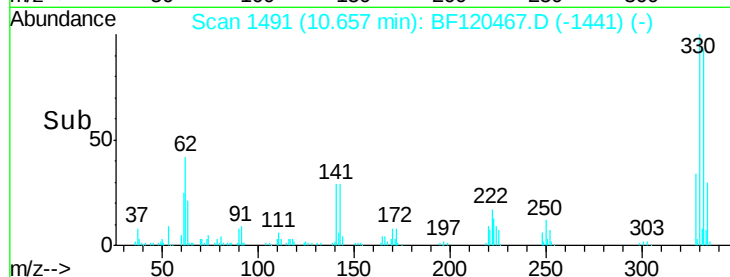
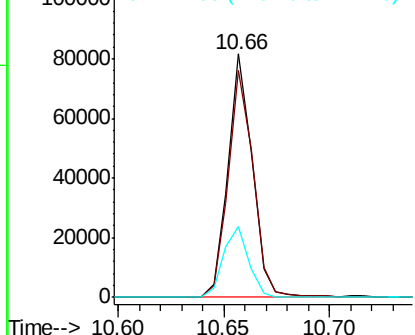
#42
 2,4,6-Tribromophenol
 Concen: 19.030 ng
 RT: 10.66 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120467.D
 Acq: 1 Jun 2020 13:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-SDL

Tot Ion:330 Resp: 64837
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 30.5 25.3 37.9

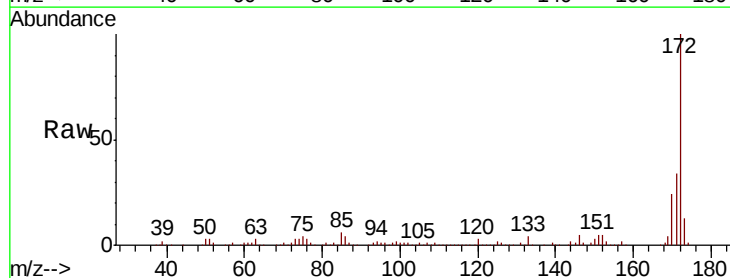


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

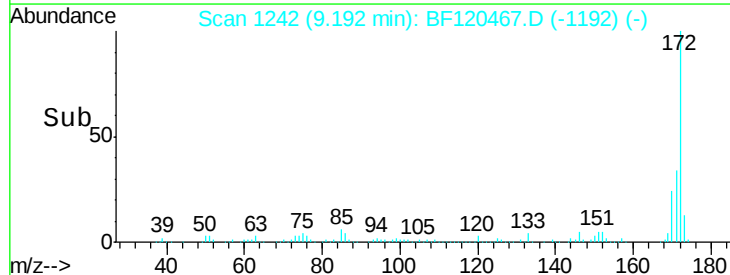
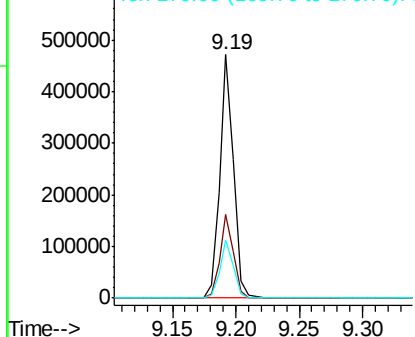


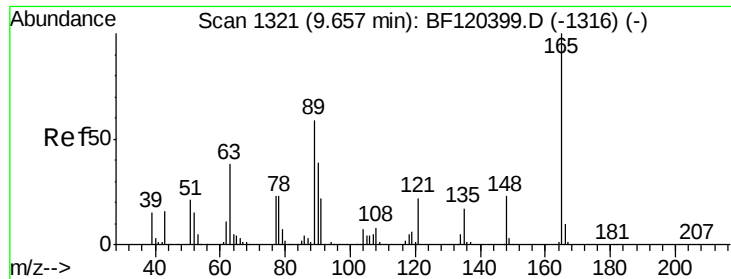
#45
 2-Fluorobiphenyl
 Concen: 16.615 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF120467.D
 Acq: 1 Jun 2020 13:31

Tgt Ion:172 Resp: 360092
 Ion Ratio Lower Upper
 172 100
 171 34.2 29.7 44.5
 170 23.6 19.9 29.9



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

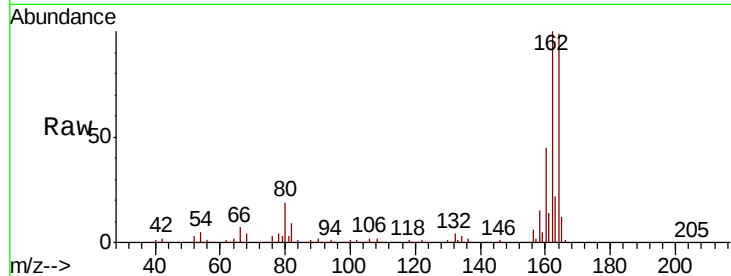




#51
 2,6-Dinitrotoluene
 Concen: 9.248 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. 0.21 min
 Lab File: BF120467.D
 Acq: 1 Jun 2020 13:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-3-SDL

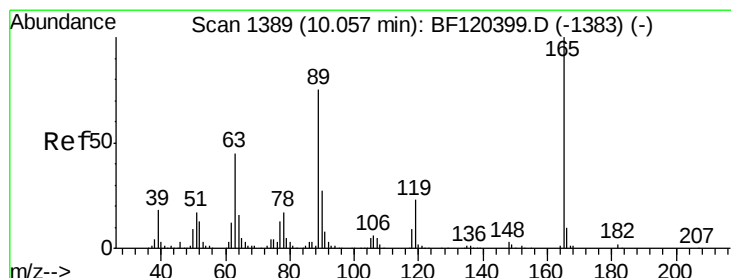
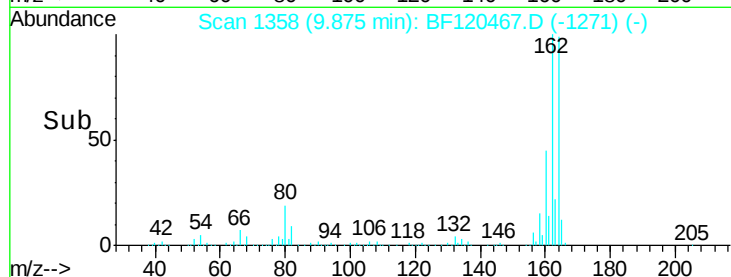
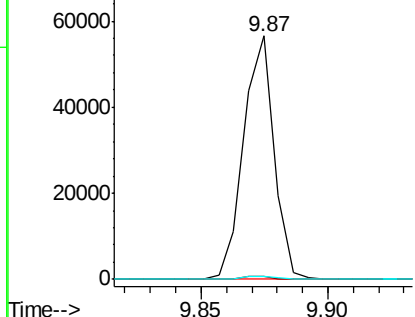
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	46.9	70.3#
89	1.2	47.5	71.3#



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: 7.226 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.19 min
 Lab File: BF120467.D
 Acq: 1 Jun 2020 13:31

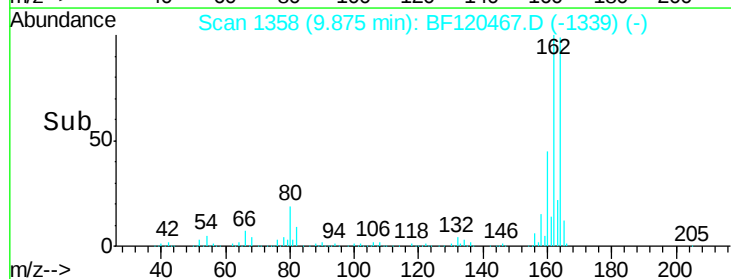
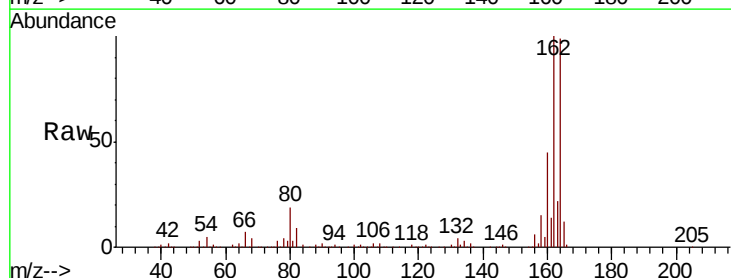
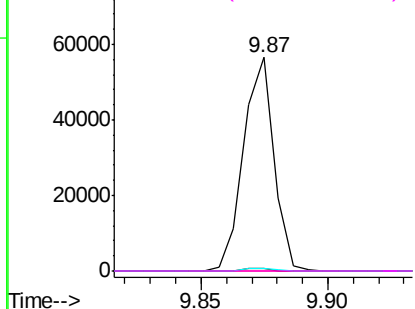
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.9	53.9#
89	1.2	60.0	90.0#
182	0.0	2.0	3.0#

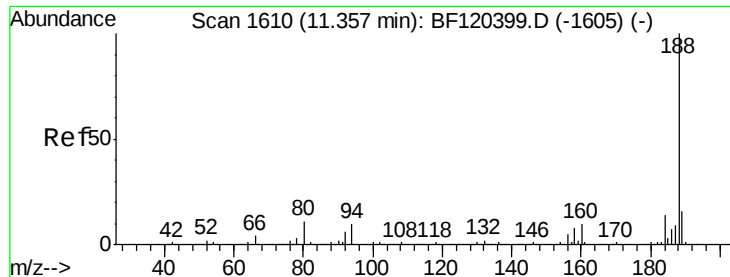
Abundance Ion 165.00 (164.70 to 165.70): E

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

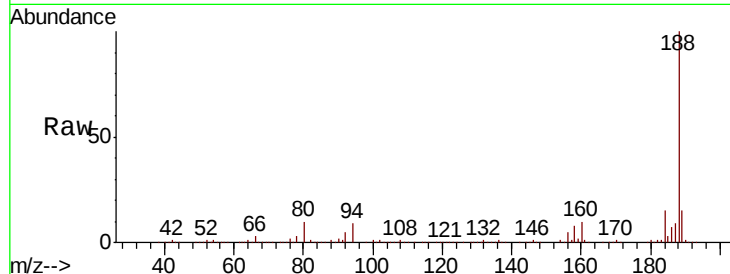




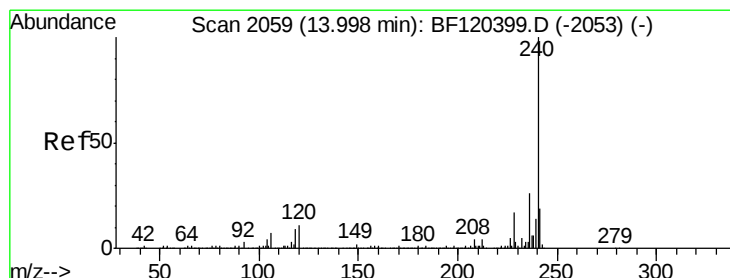
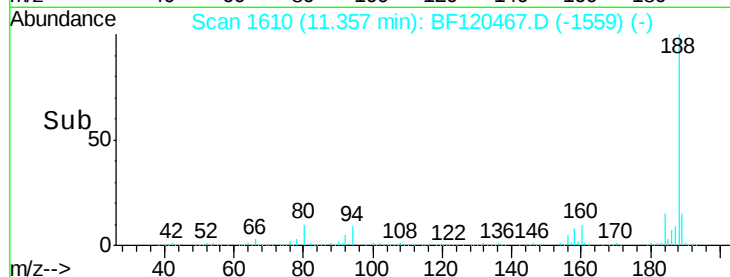
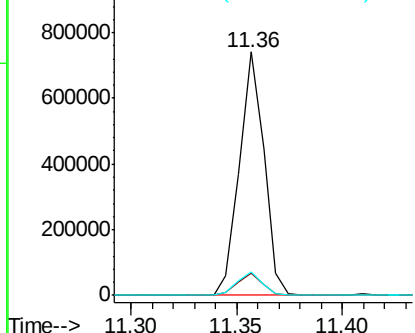
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120467.D
Acq: 1 Jun 2020 13:31

Instrument :
BNA_F
ClientSampled :
SB-3-SDL

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.9	11.9
80	9.8	8.6	13.0

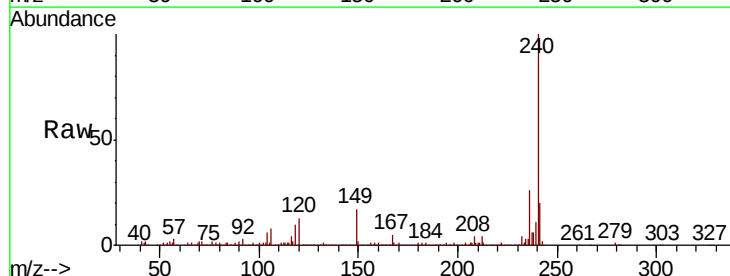


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

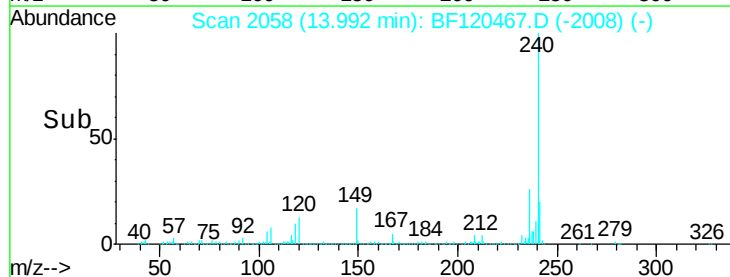
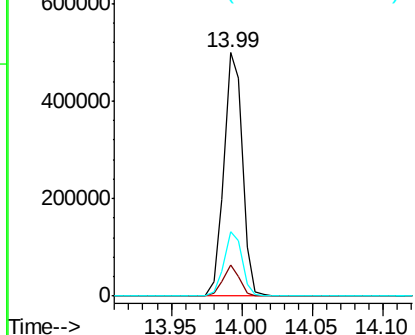


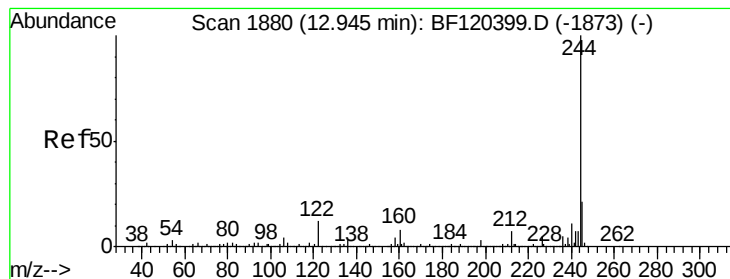
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120467.D
Acq: 1 Jun 2020 13:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.8	13.2
236	26.3	21.0	31.4



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: 15.190 ng

RT: 12.94 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BF120467.D

Acq: 1 Jun 2020 13:31

Instrument :

BNA_F

ClientSampleId :

SB-3-SDL

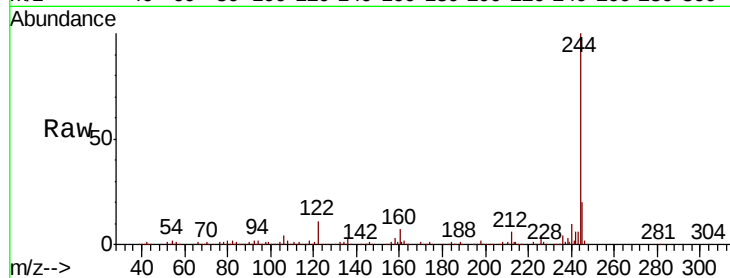
Tot Ion:244 Resp: 311882

Ion Ratio Lower Upper

244 100

212 6.4 5.9 8.9

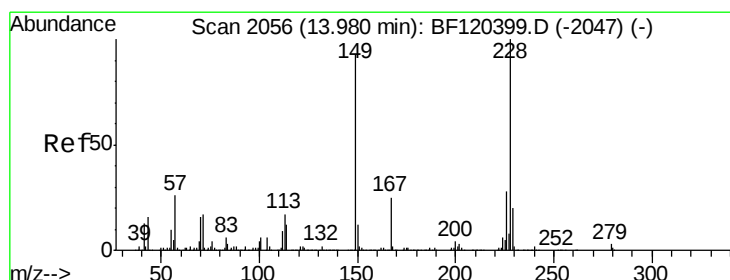
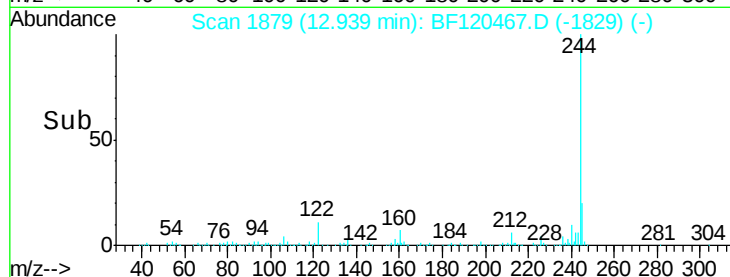
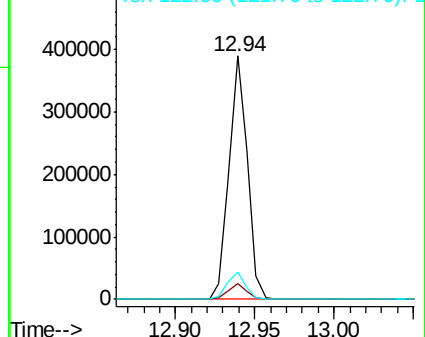
122 11.2 9.2 13.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.517 ng

RT: 13.98 min Scan# 2056

Delta R.T. 0.00 min

Lab File: BF120467.D

Acq: 1 Jun 2020 13:31

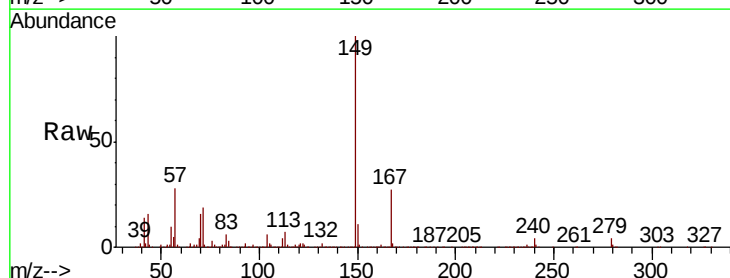
Tgt Ion:149 Resp: 630901

Ion Ratio Lower Upper

149 100

167 27.4 21.7 32.5

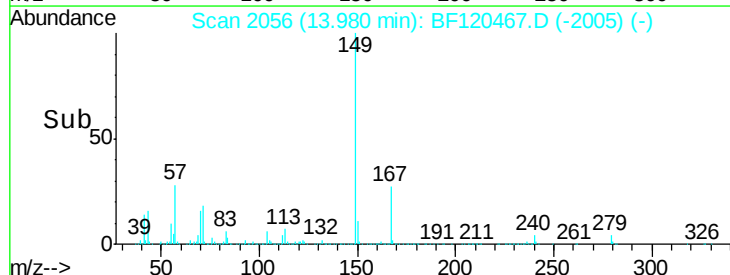
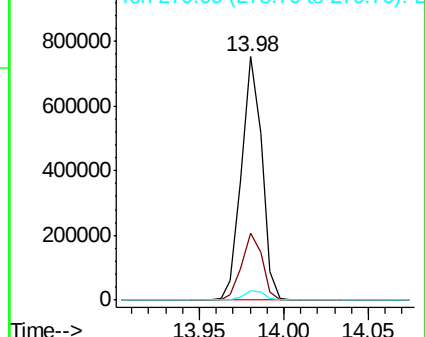
279 3.8 2.9 4.3

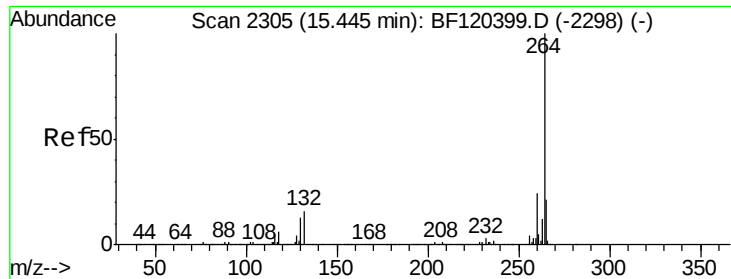


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



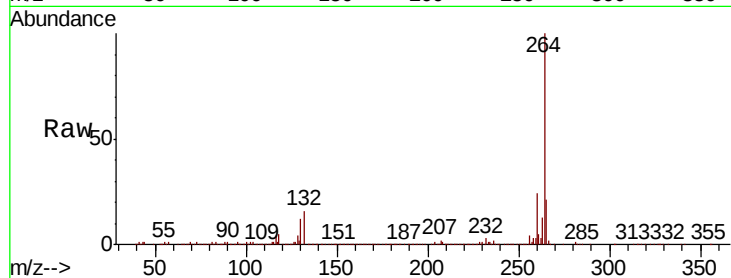


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BF120467.D
Acq: 1 Jun 2020 13:31

Instrument :
BNA_F
ClientSampleId :
SB-3-SDL

Tot Ion: 264 Resp: 544962

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	16.9	25.3



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

