

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121159.D
 Acq On : 31 Jul 2020 15:44
 Operator : JU/CG
 Sample : L3511-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Jul 31 16:14:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

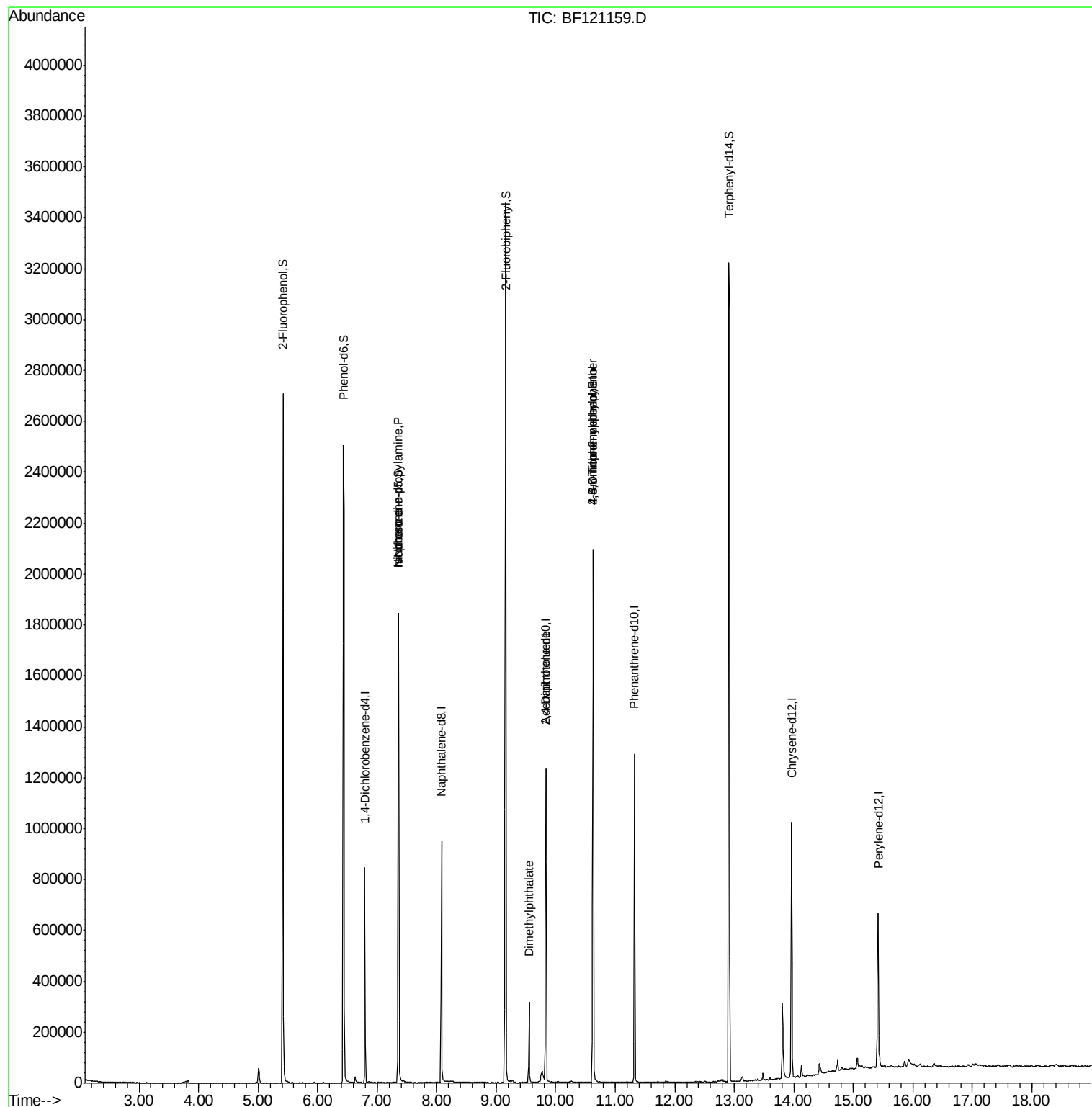
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	125632	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	484628	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	248560	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	471422	20.00	ng	0.00
76) Chrysene-d12	13.96	240	337441	20.00	ng	0.00
86) Perylene-d12	15.42	264	286847	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	843795	110.11	ng	0.00
7) Phenol-d6	6.43	99	1052777	106.35	ng	-0.01
23) Nitrobenzene-d5	7.36	82	689766	82.36	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	302887	111.33	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1211790	72.79	ng	0.00
79) Terphenyl-d14	12.91	244	1170781	75.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1519	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	91444	16.245	ng	# 78
25) Isophorone	7.36	82	672797	40.250	ng	# 62
50) Dimethylphthalate	9.55	163	132611	7.395	ng	99
57) 2,4-Dinitrotoluene	9.83	165	31622	6.250	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.63	198	519	4.018	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	17342	3.299	ng	# 1

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

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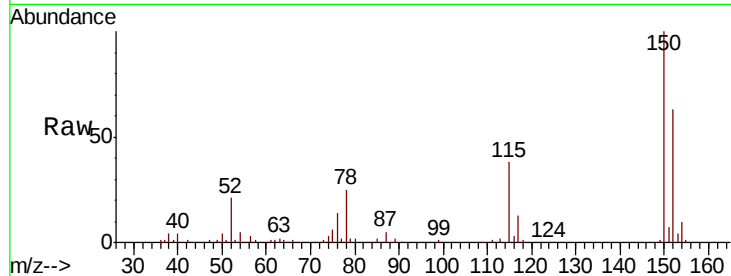


#1

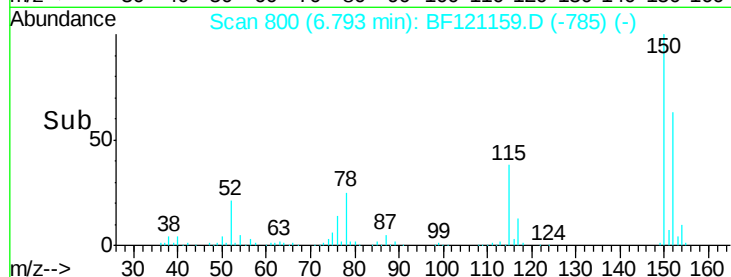
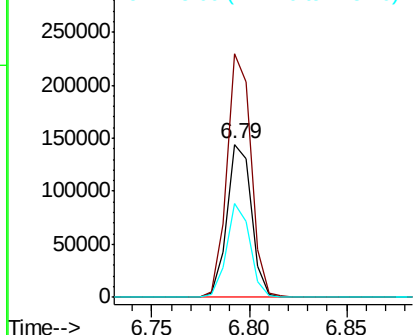
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121159.D
 Acq: 31 Jul 2020 15:44

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion:152 Resp: 125632
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.6 188.4
 115 61.0 46.2 69.2



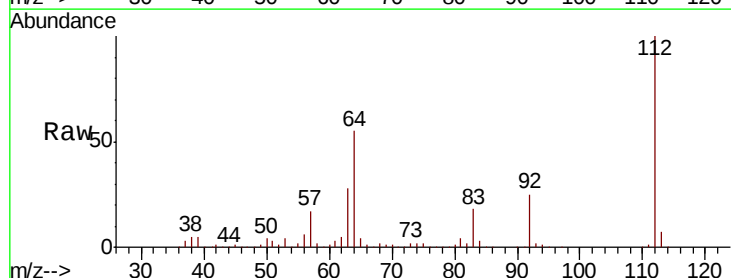
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



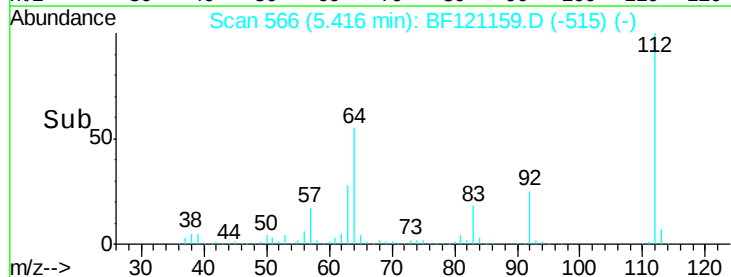
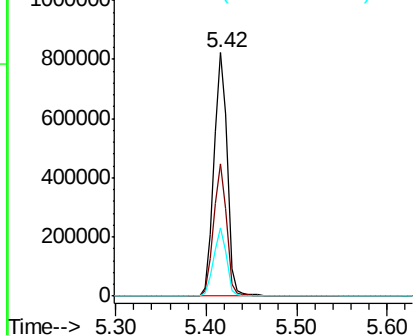
#5

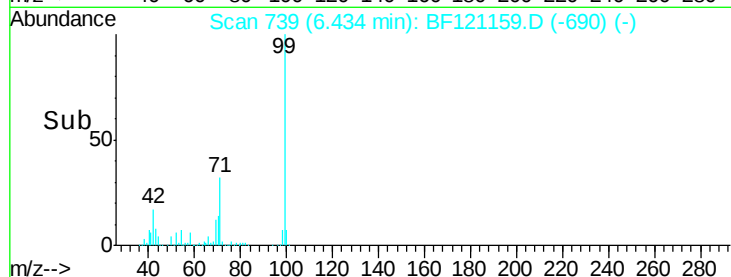
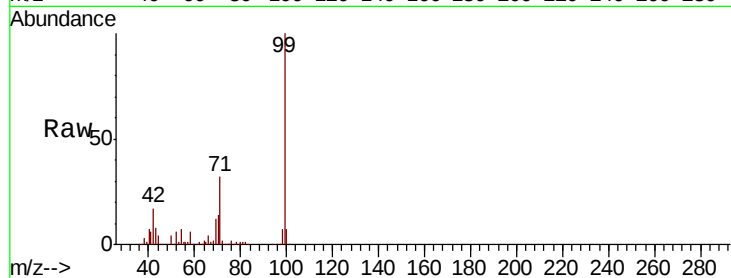
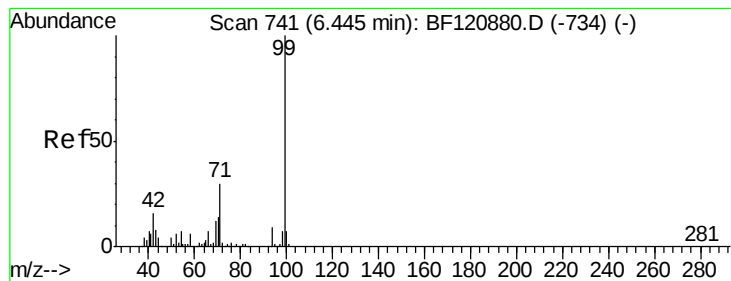
2-Fluorophenol
 Concen: 110.106 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF121159.D
 Acq: 31 Jul 2020 15:44

Tgt Ion:112 Resp: 843795
 Ion Ratio Lower Upper
 112 100
 64 54.5 43.9 65.9
 63 27.9 22.7 34.1



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: 106.349 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121159.D

Acq: 31 Jul 2020 15:44

Instrument :

BNA_F

ClientSampleId :

TP-3

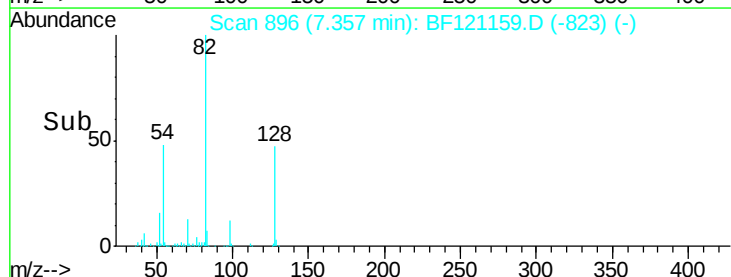
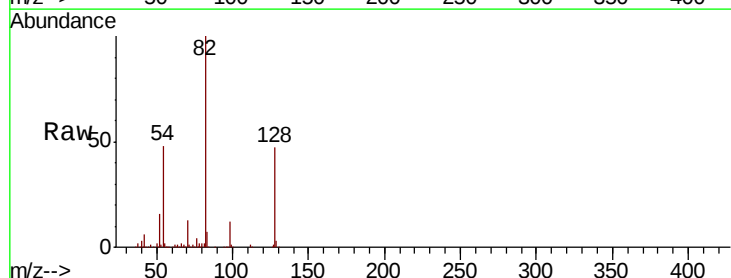
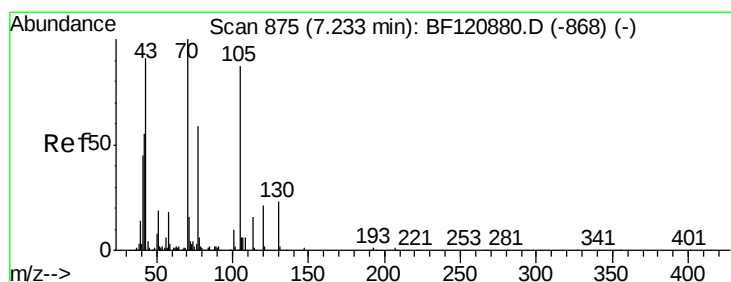
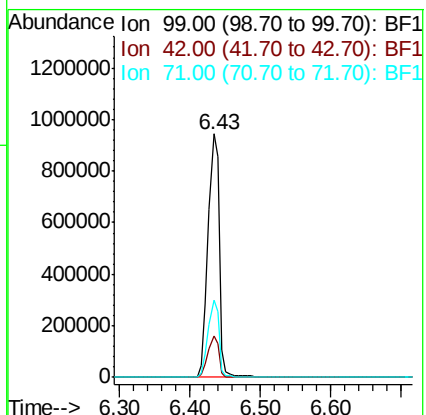
Tot Ion: 99 Resp: 1052777

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

71 31.8 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.245 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121159.D

Acq: 31 Jul 2020 15:44

Tgt Ion: 70 Resp: 91444

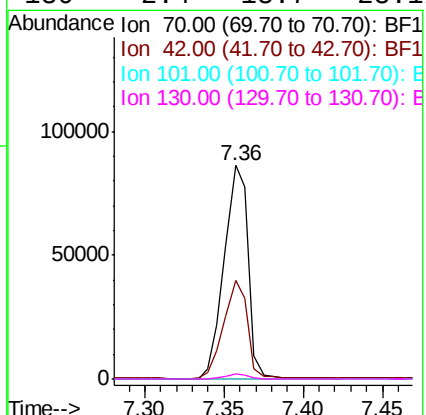
Ion Ratio Lower Upper

70 100

42 45.9 43.3 64.9

101 0.0 8.4 12.6#

130 2.4 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121159.D

Acq: 31 Jul 2020 15:44

Instrument :

BNA_F

ClientSampleId :

TP-3

Tot Ion:136 Resp: 484628

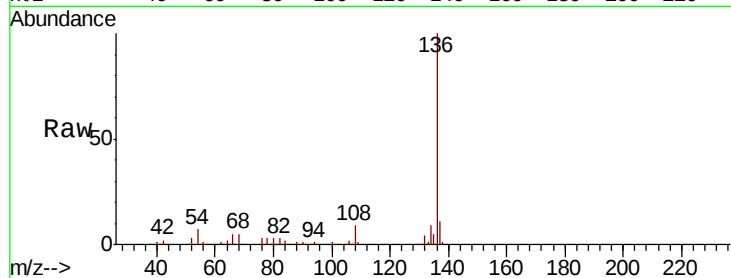
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 7.0 6.1 9.1

68 5.4 5.0 7.6

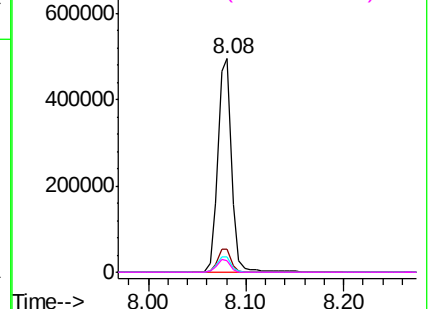
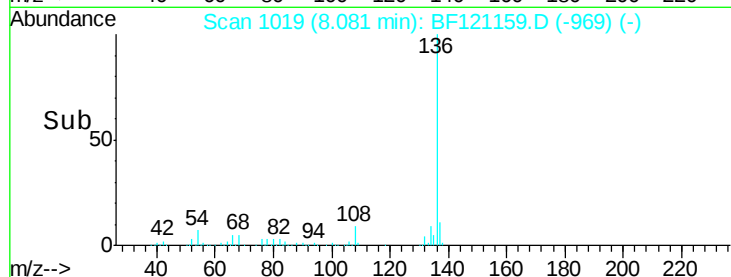


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.356 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121159.D

Acq: 31 Jul 2020 15:44

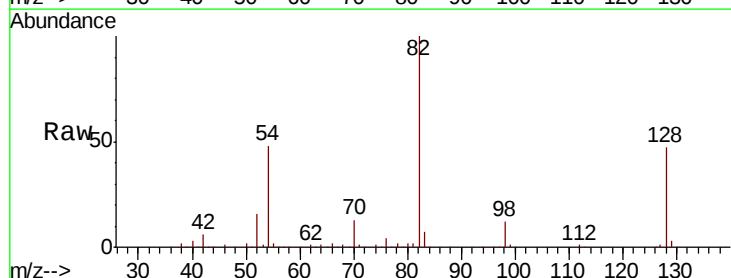
Tgt Ion: 82 Resp: 689766

Ion Ratio Lower Upper

82 100

128 46.8 39.2 58.8

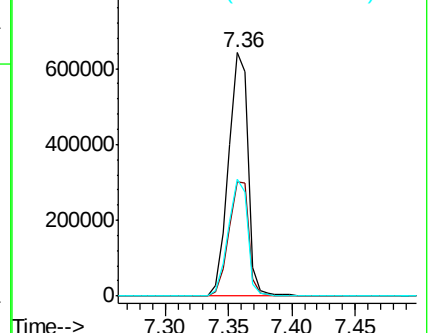
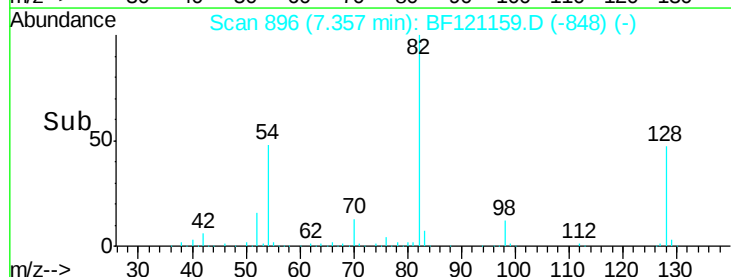
54 48.0 37.8 56.8



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: 40.250 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121159.D

Acq: 31 Jul 2020 15:44

Instrument :

BNA_F

ClientSampled :

TP-3

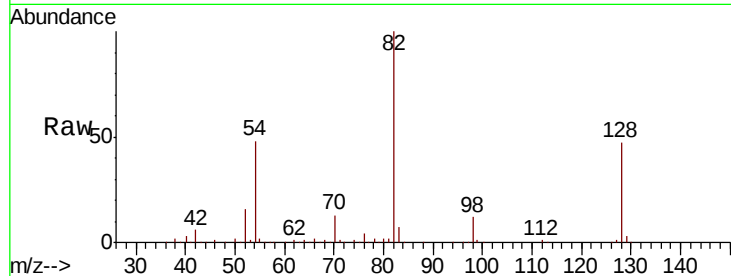
Tot Ion: 82 Resp: 672797

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

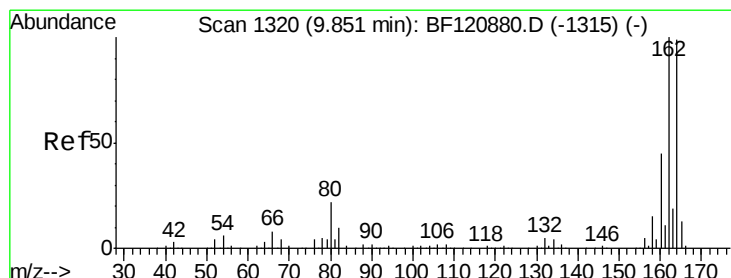
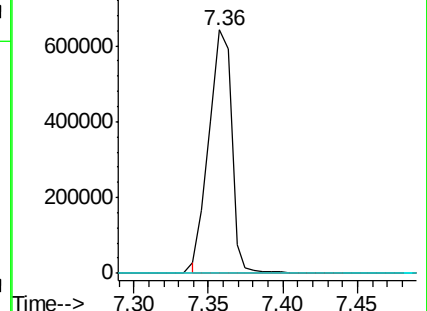
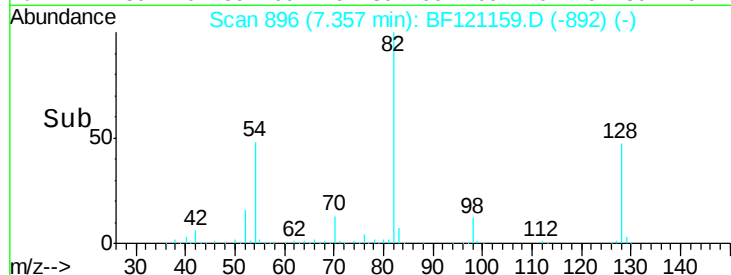
138 0.0 16.2 24.2#



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: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121159.D

Acq: 31 Jul 2020 15:44

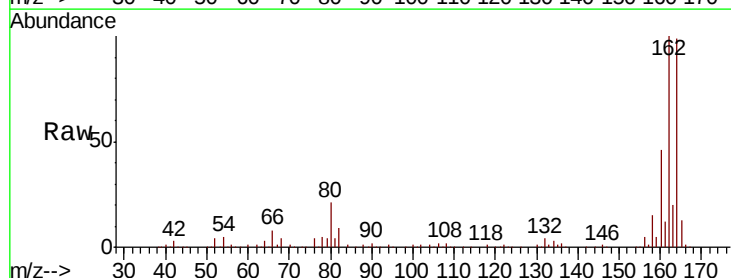
Tgt Ion: 164 Resp: 248560

Ion Ratio Lower Upper

164 100

162 100.7 82.2 123.2

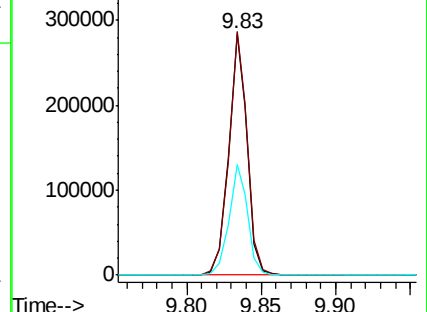
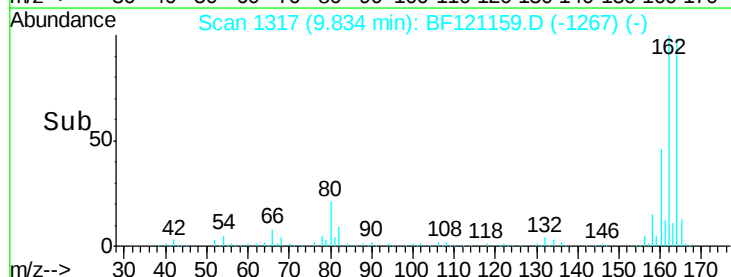
160 45.9 37.2 55.8



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

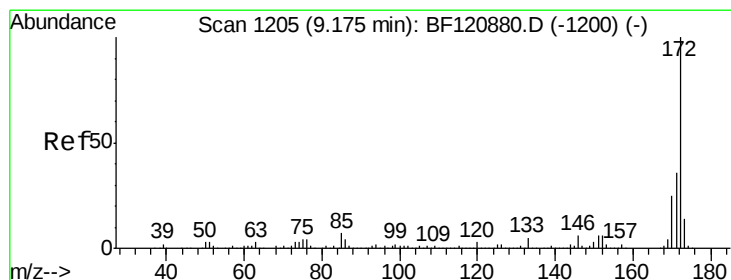
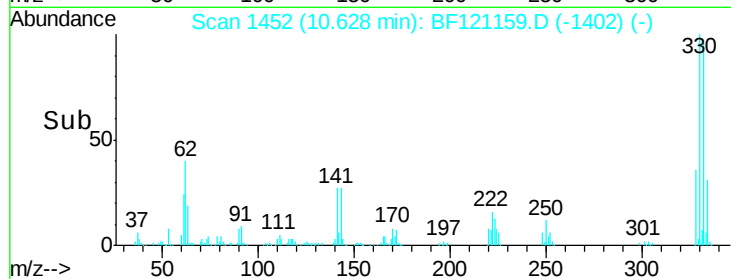
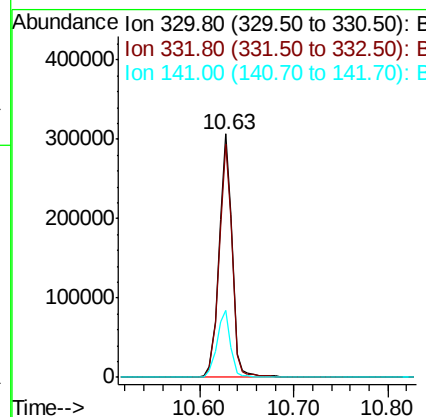
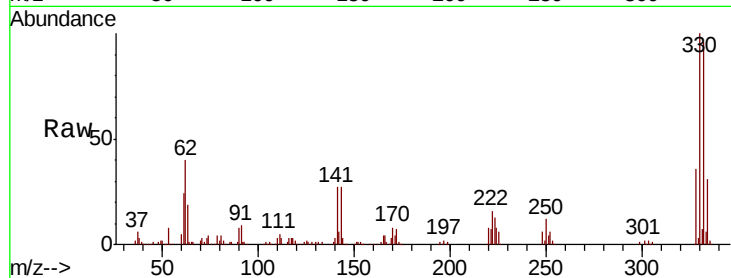




#42
 2,4,6-Tribromophenol
 Concen: 111.325 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121159.D
 Acq: 31 Jul 2020 15:44

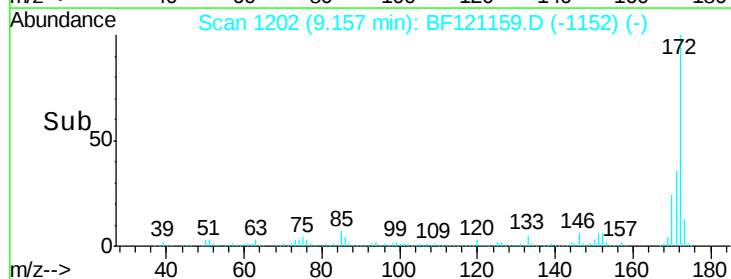
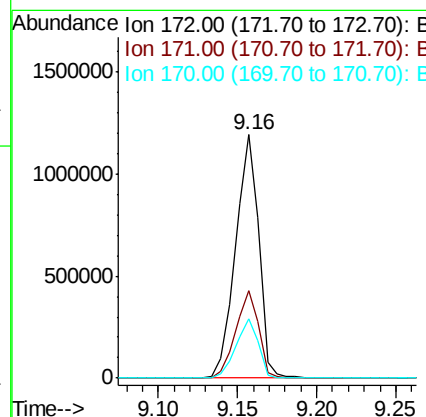
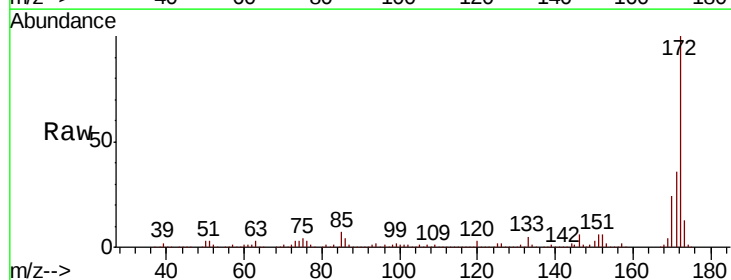
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.1	114.1
141	28.7	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 72.789 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121159.D
 Acq: 31 Jul 2020 15:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.3	19.6	29.4

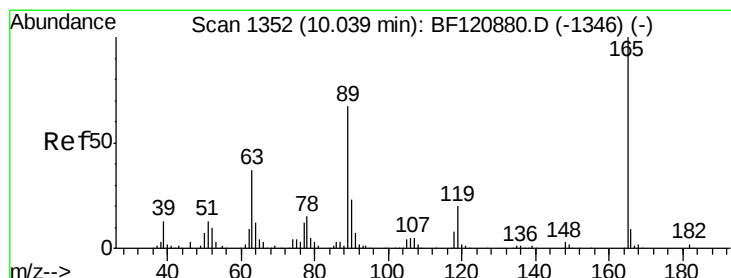
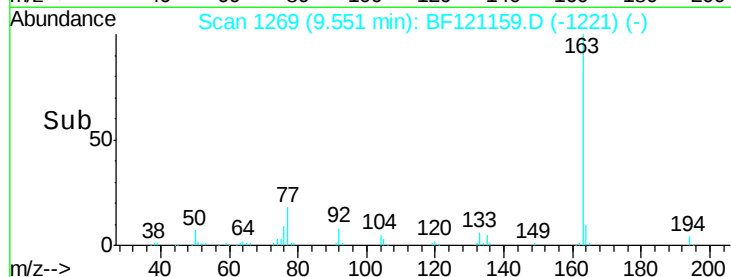
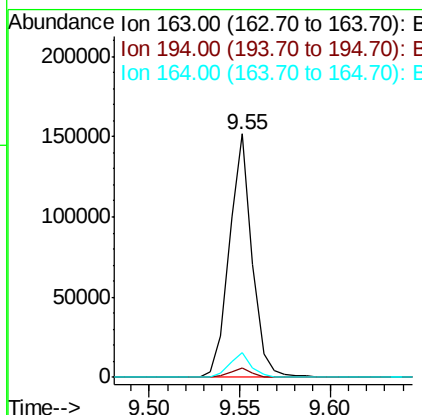
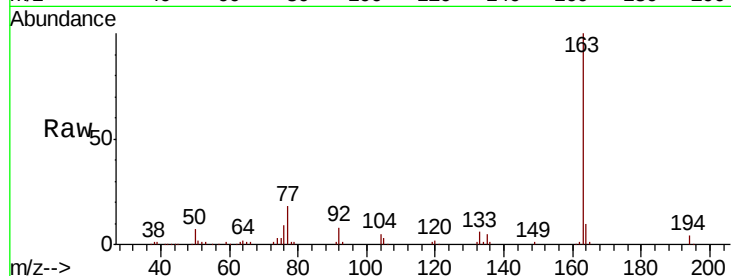




#50
Dimethylphthalate
Concen: 7.395 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121159.D
Acq: 31 Jul 2020 15:44

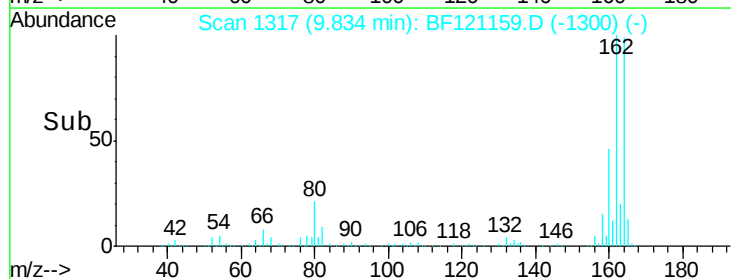
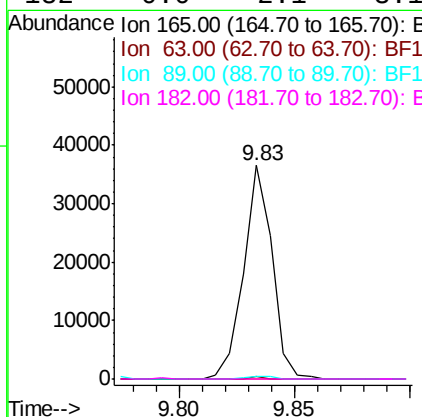
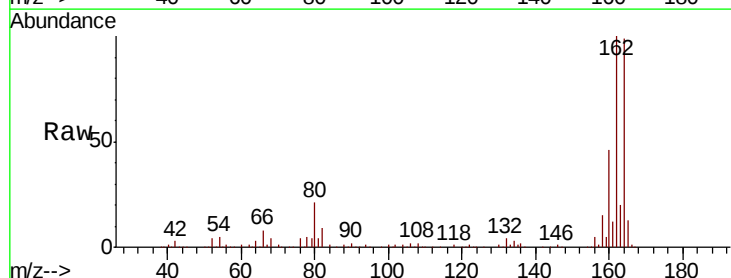
Instrument :
BNA_F
ClientSampleId :
TP-3

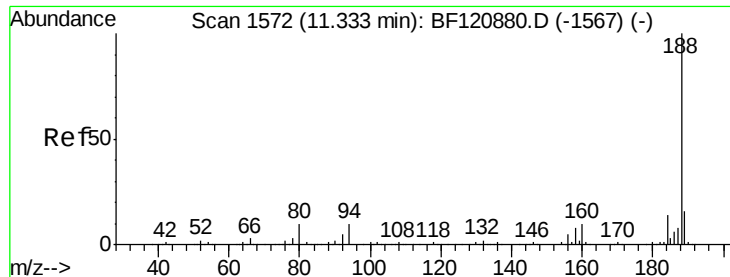
Tot Ion:163 Resp: 132611
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 8.4 12.6



#57
2,4-Dinitrotoluene
Concen: 6.250 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121159.D
Acq: 31 Jul 2020 15:44

Tgt Ion:165 Resp: 31622
Ion Ratio Lower Upper
165 100
63 1.1 29.8 44.8#
89 1.2 50.3 75.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF121159.D

Acq: 31 Jul 2020 15:44

Instrument :

BNA_F

ClientSampleId :

TP-3

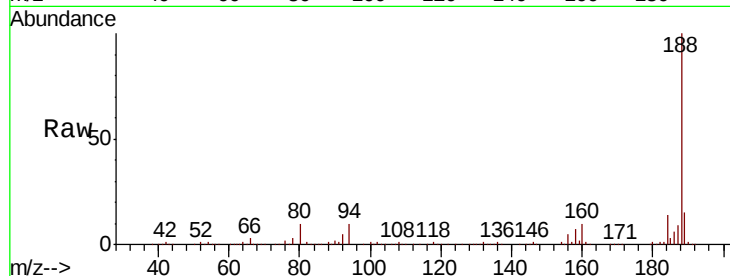
Tot Ion:188 Resp: 471422

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

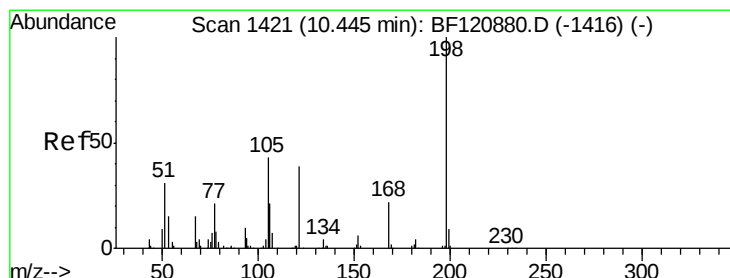
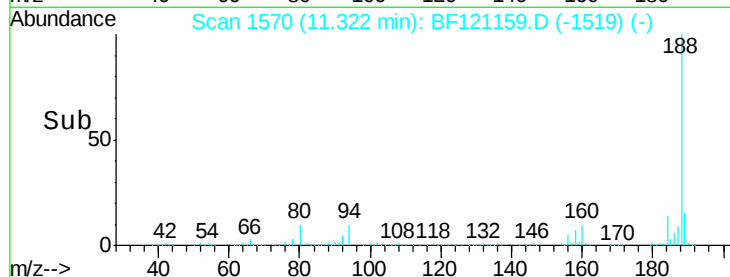
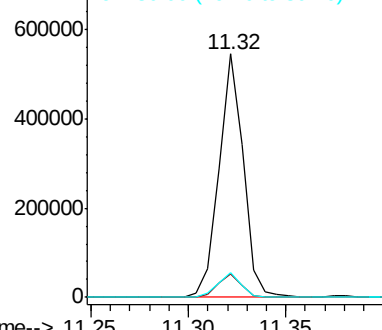
80 10.1 8.3 12.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 4.018 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.19 min

Lab File: BF121159.D

Acq: 31 Jul 2020 15:44

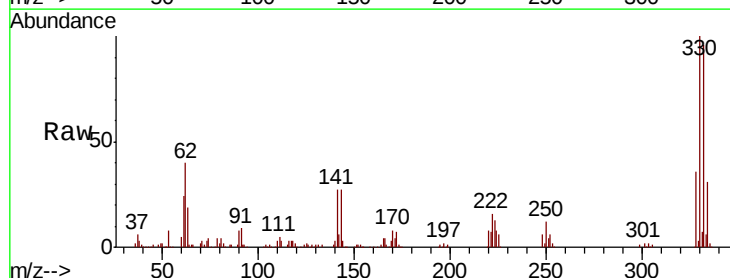
Tgt Ion:198 Resp: 519

Ion Ratio Lower Upper

198 100

51 140.6 23.4 63.4#

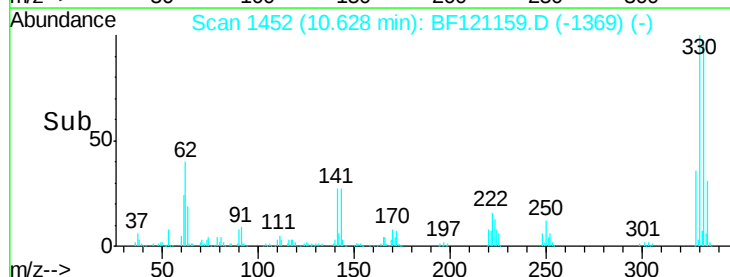
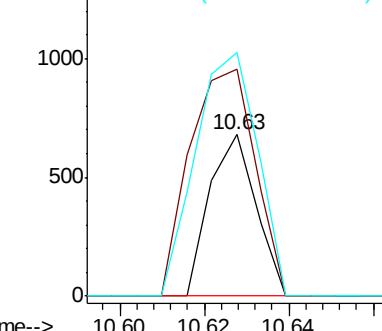
105 151.0 23.7 63.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

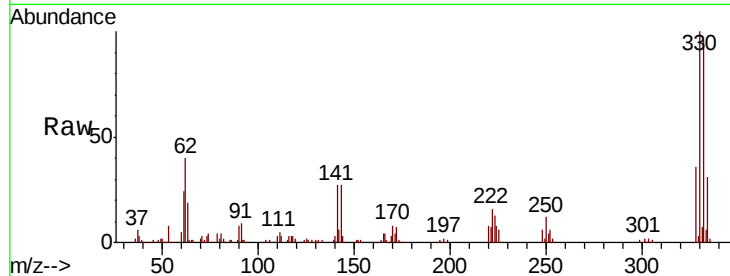




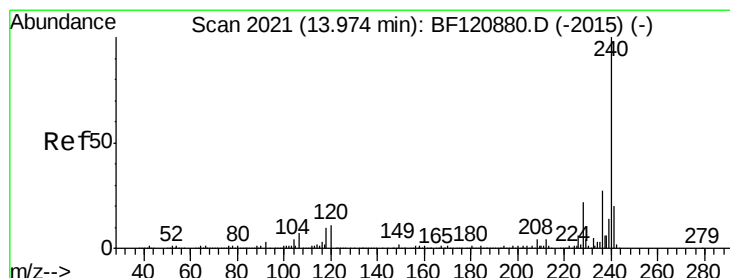
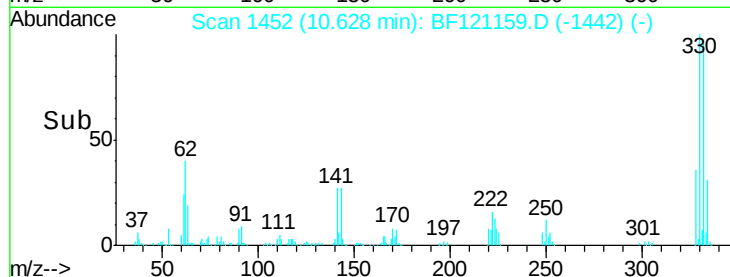
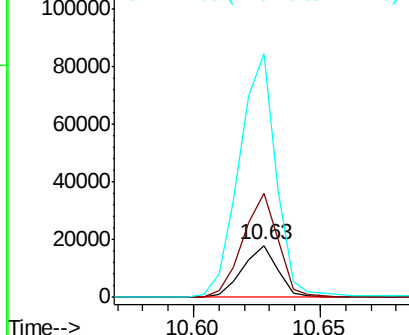
#67
4-Bromophenyl-phenylether
Concen: 3.299 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF121159.D
Acq: 31 Jul 2020 15:44

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion:248 Resp: 17342
Ion Ratio Lower Upper
248 100
250 198.8 77.0 115.6#
141 467.0 56.6 85.0#

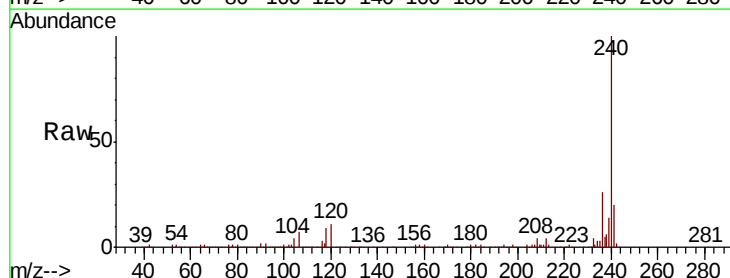


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

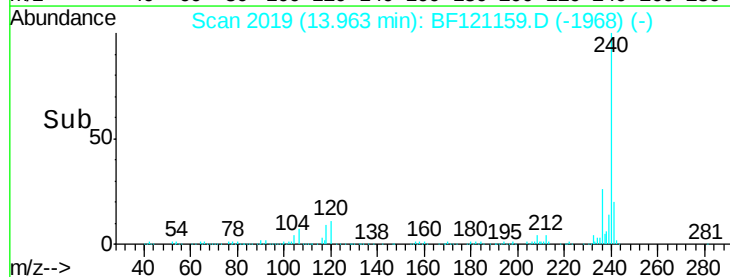
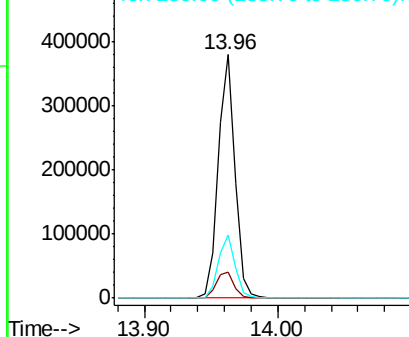


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121159.D
Acq: 31 Jul 2020 15:44

Tgt Ion:240 Resp: 337441
Ion Ratio Lower Upper
240 100
120 10.6 9.3 13.9
236 25.8 21.1 31.7



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

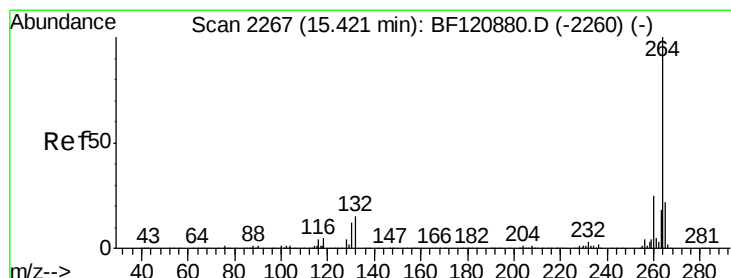
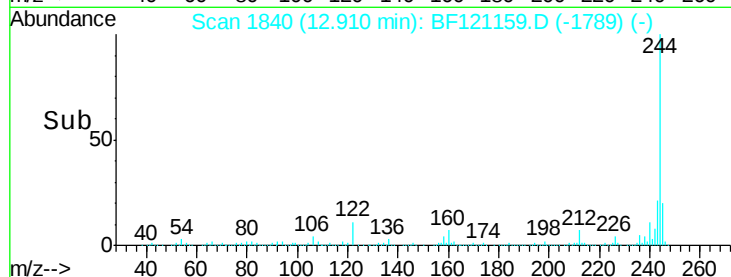
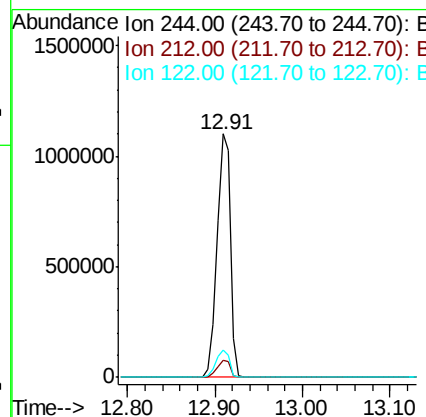
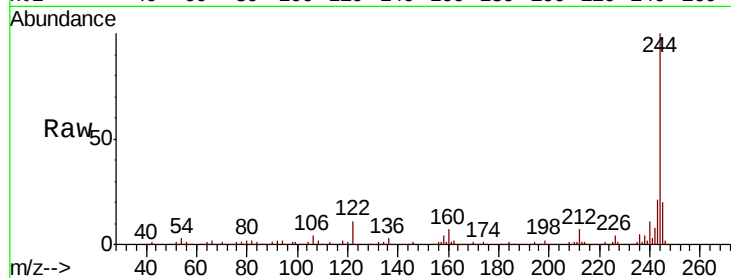




#79
 Terphenyl-d14
 Concen: 75.421 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF121159.D
 Acq: 31 Jul 2020 15:44

Instrument :
 BNA_F
 ClientSampled :
 TP-3

Tot Ion:244 Resp: 1170781
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 11.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: BF121159.D
 Acq: 31 Jul 2020 15:44

Tgt Ion:264 Resp: 286847
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.9 29.9
 265 21.9 17.8 26.8

