

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121163.D
 Acq On : 31 Jul 2020 17:37
 Operator : JU/CG
 Sample : L3518-32
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: Jul 31 18:08:24 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

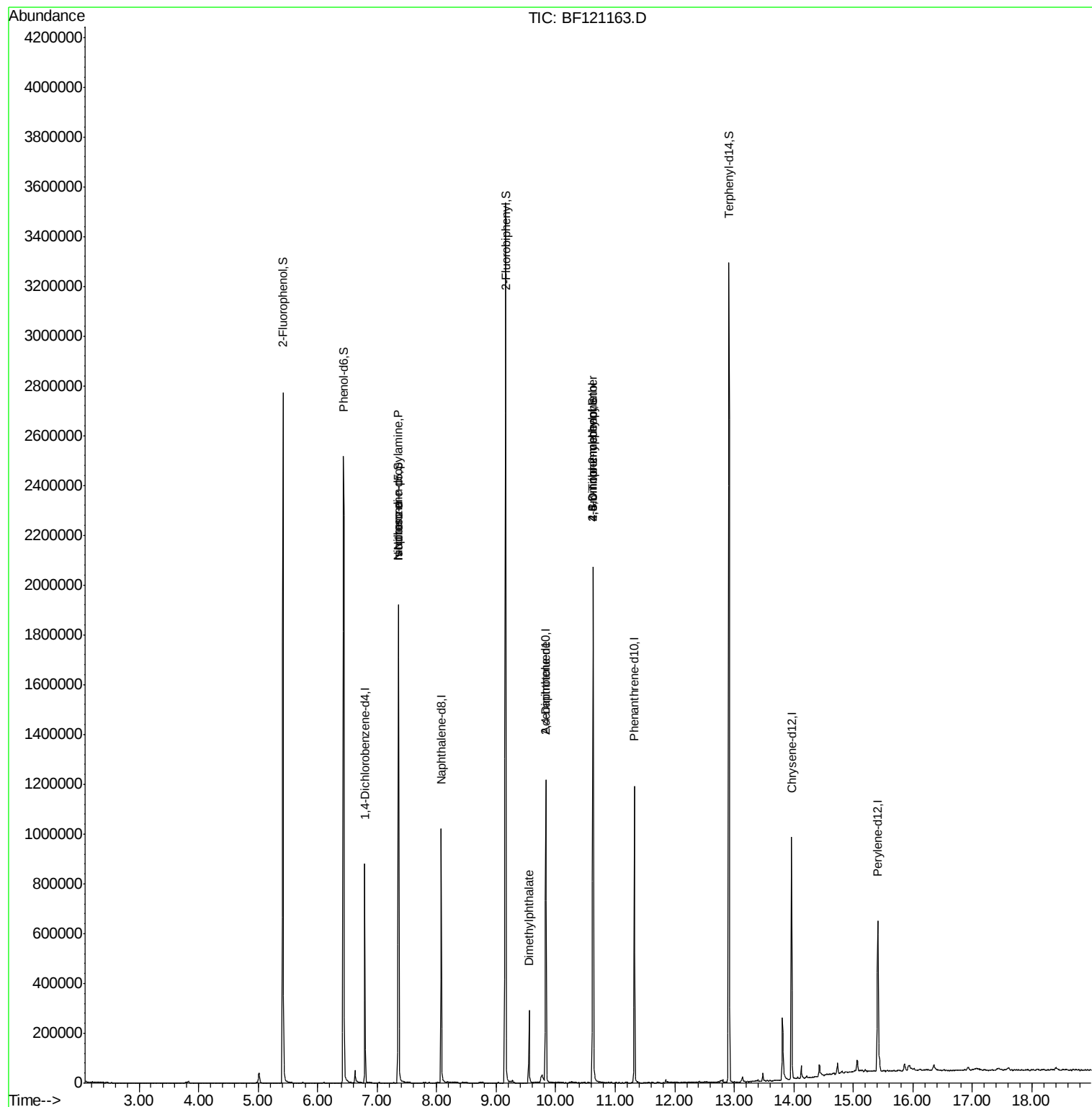
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	129376	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	489528	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	251639	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	468138	20.00	ng	0.00
76) Chrysene-d12	13.96	240	329384	20.00	ng	0.00
86) Perylene-d12	15.41	264	287975	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	887310	112.43	ng	0.00
7) Phenol-d6	6.43	99	1093412	107.26	ng	-0.01
23) Nitrobenzene-d5	7.36	82	717542	84.81	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	310486	112.72	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1258371	74.66	ng	0.00
79) Terphenyl-d14	12.91	244	1202118	79.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	1551	Below Cal	Qvalue #	1
19) n-Nitroso-di-n-propylamine	7.36	70	94805	16.355 ng	#	77
25) Isophorone	7.36	82	710249	42.065 ng	#	62
50) Dimethylphthalate	9.55	163	132731	7.311 ng		99
57) 2,4-Dinitrotoluene	9.83	165	32349	6.316 ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.63	198	428	3.988 ng	#	1
67) 4-Bromophenyl-phenylether	10.63	248	17645	3.381 ng	#	1

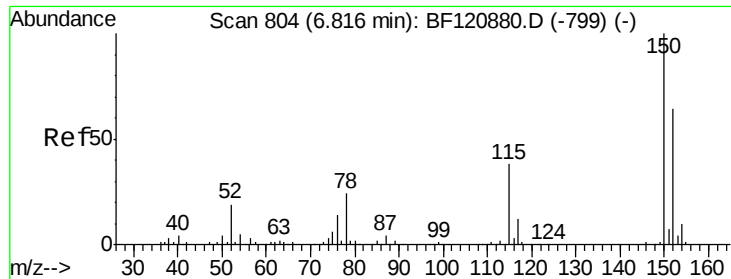
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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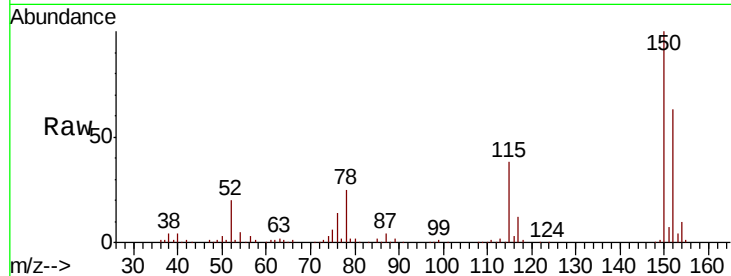


#1

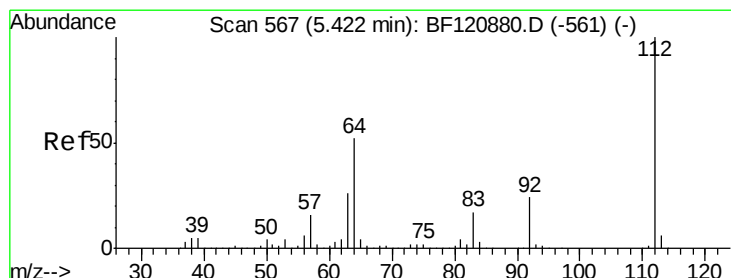
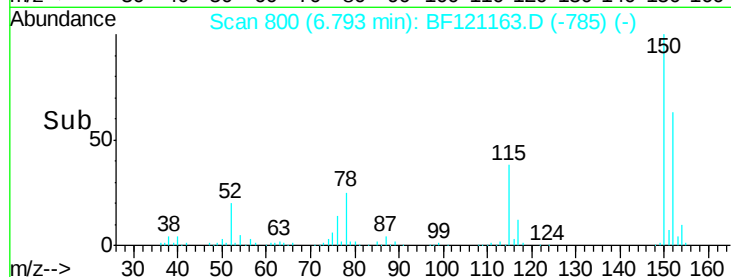
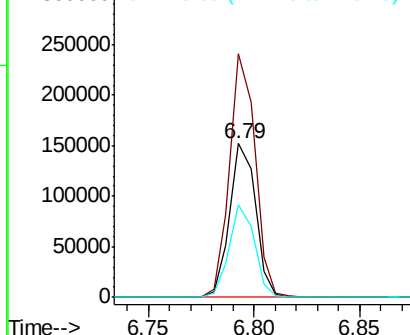
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121163.D
Acq: 31 Jul 2020 17:37

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion:152 Resp: 129376
Ion Ratio Lower Upper
152 100
150 158.4 125.6 188.4
115 60.2 46.2 69.2



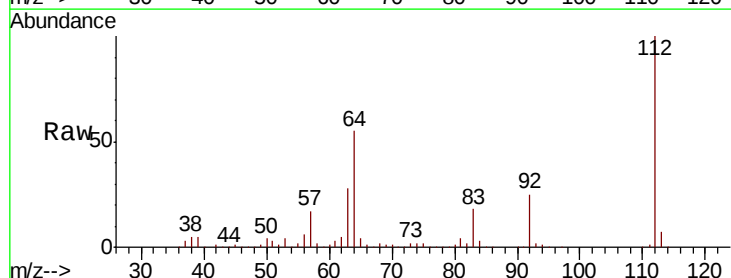
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



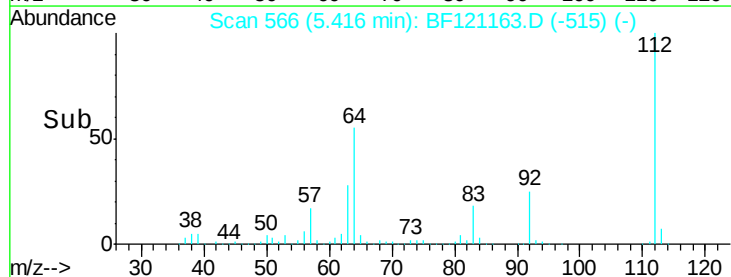
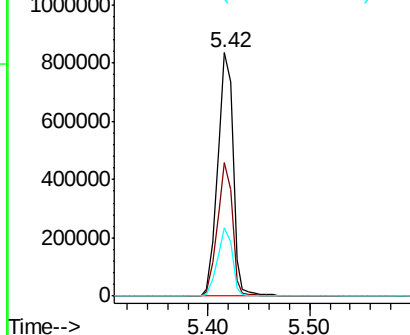
#5

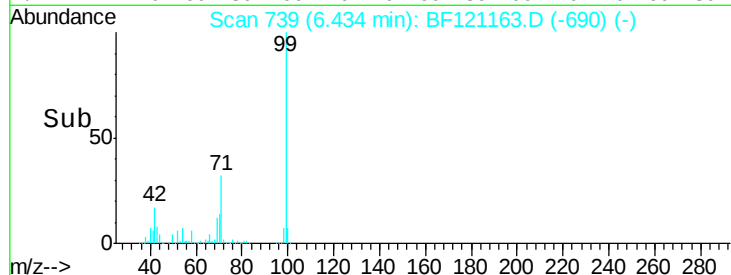
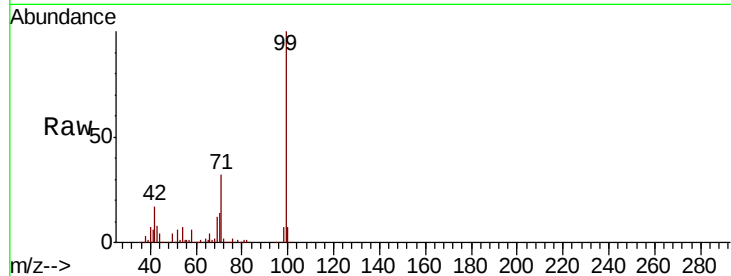
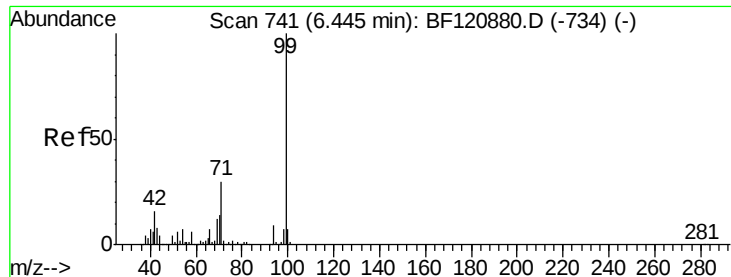
2-Fluorophenol
Concen: 112.433 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF121163.D
Acq: 31 Jul 2020 17:37

Tgt Ion:112 Resp: 887310
Ion Ratio Lower Upper
112 100
64 54.8 43.9 65.9
63 28.3 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: 107.257 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121163.D

Acq: 31 Jul 2020 17:37

Instrument :

BNA_F

ClientSampleId :

TP-10

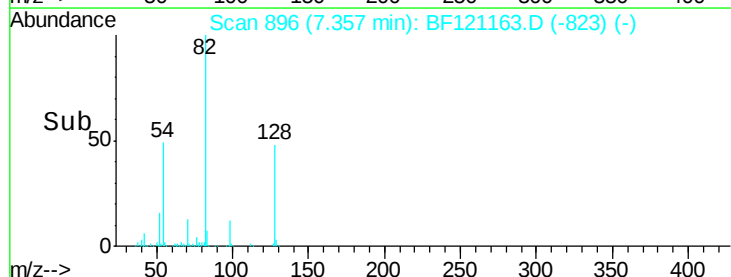
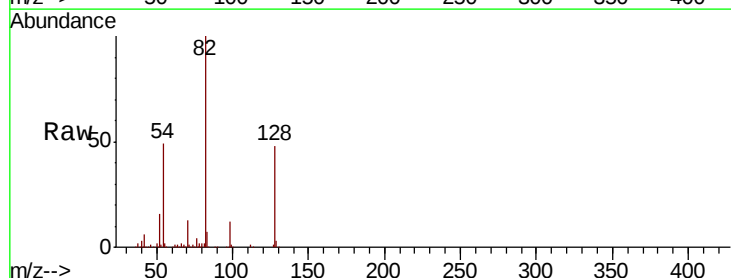
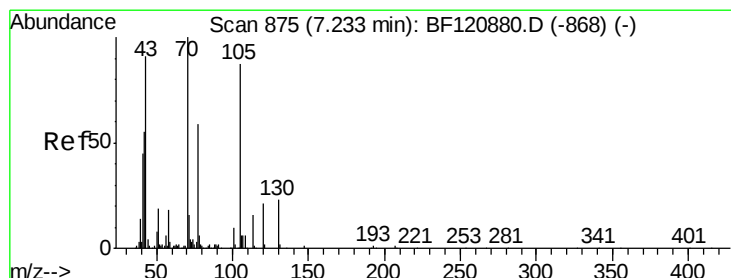
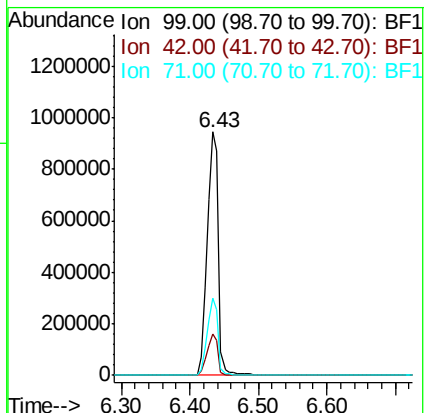
Tot Ion: 99 Resp: 1093412

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

71 31.7 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.355 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121163.D

Acq: 31 Jul 2020 17:37

Tgt Ion: 70 Resp: 94805

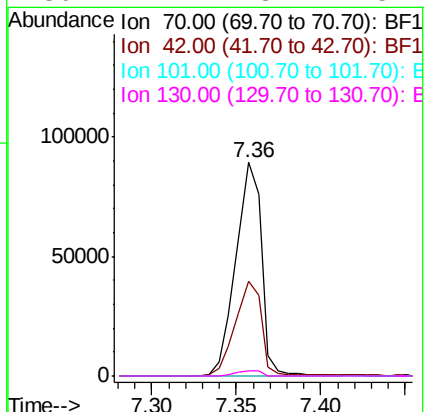
Ion Ratio Lower Upper

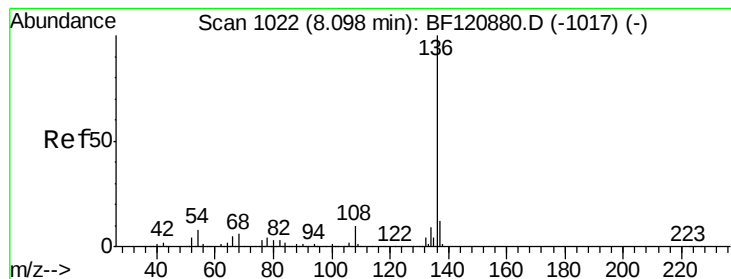
70 100

42 44.6 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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121163.D

Acq: 31 Jul 2020 17:37

Instrument :

BNA_F

ClientSampleId :

TP-10

Tot Ion:136 Resp: 489528

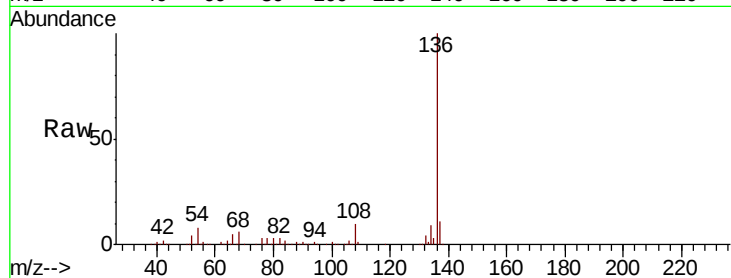
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.7 6.1 9.1

68 6.3 5.0 7.6

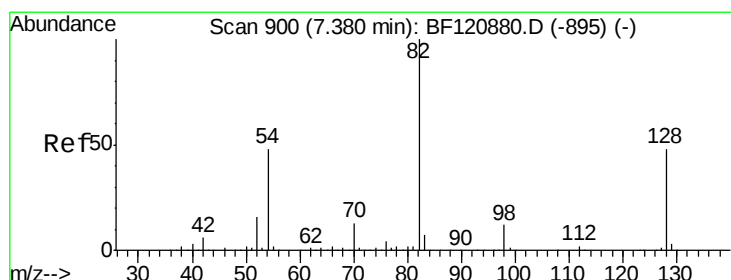
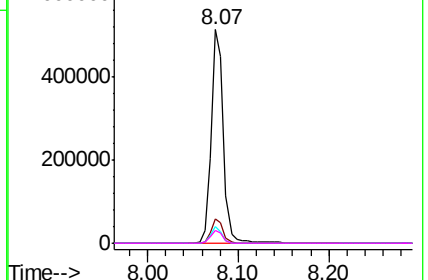
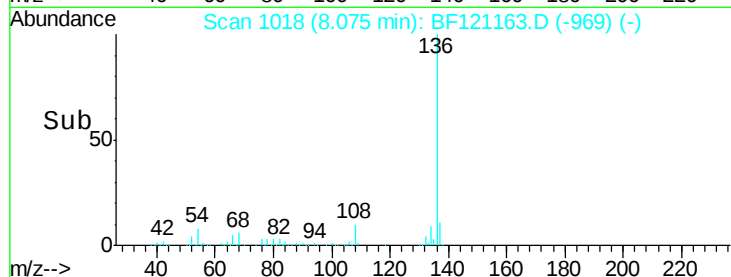


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.815 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121163.D

Acq: 31 Jul 2020 17:37

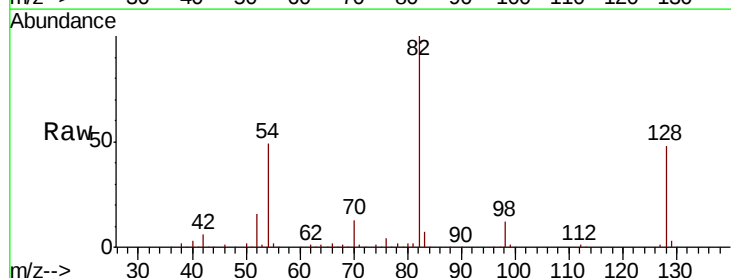
Tgt Ion: 82 Resp: 717542

Ion Ratio Lower Upper

82 100

128 47.8 39.2 58.8

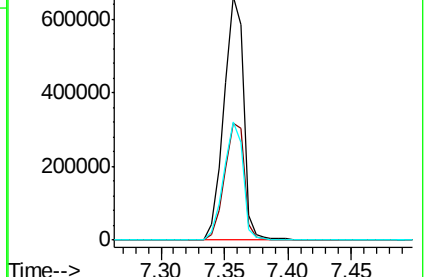
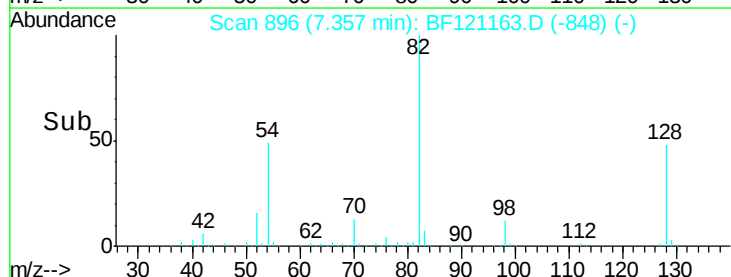
54 48.6 37.8 56.8

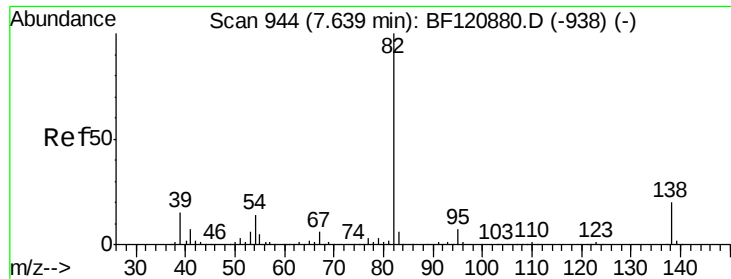


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

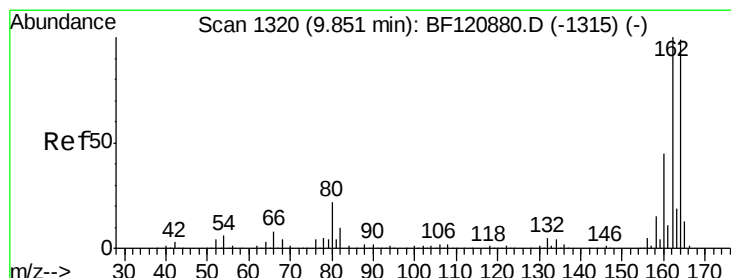
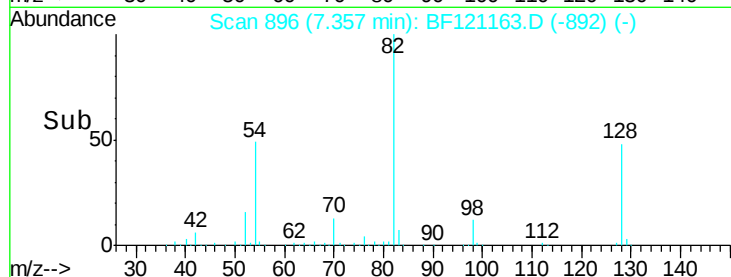
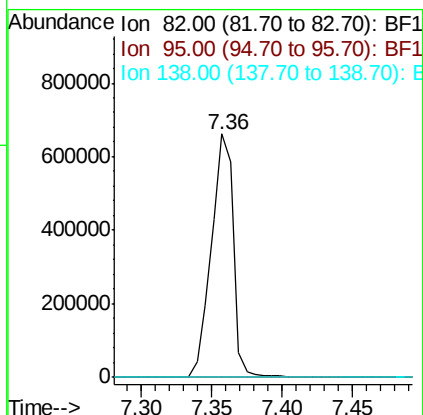
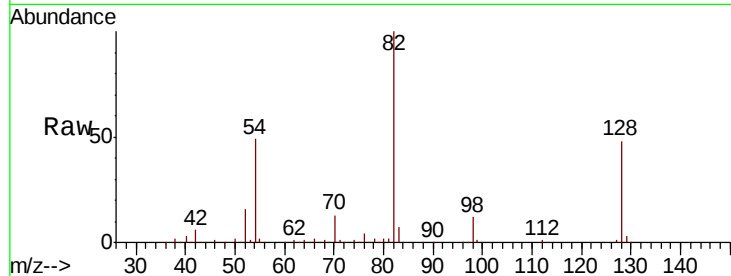




#25
Isophorone
Concen: 42.065 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF121163.D
Acq: 31 Jul 2020 17:37

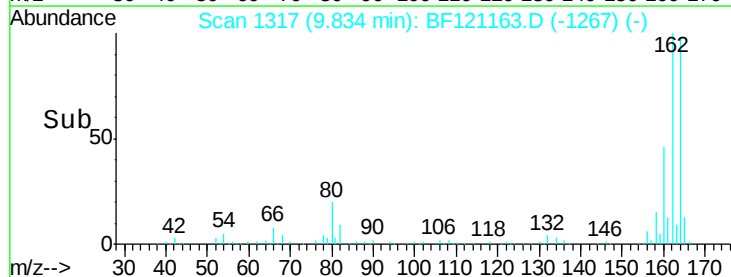
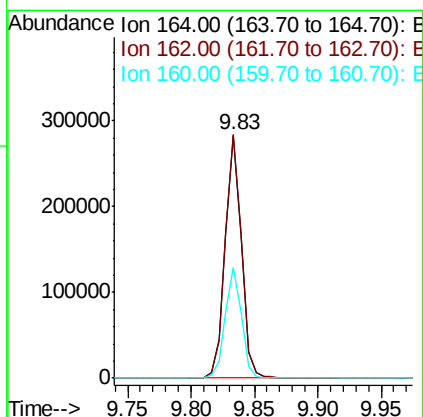
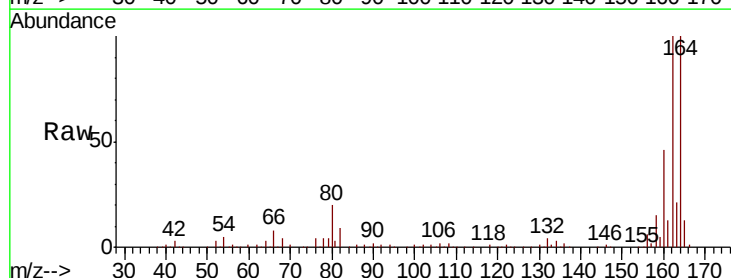
Instrument :
BNA_F
ClientSampled :
TP-10

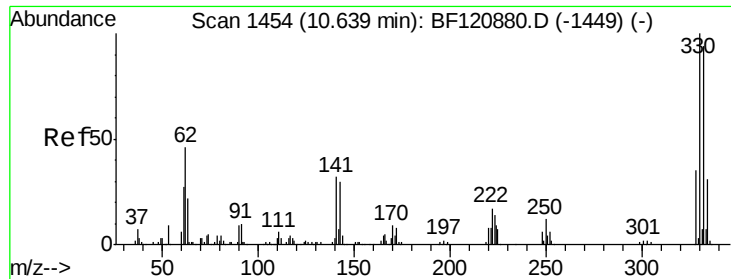
Tot Ion: 82 Resp: 710249
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 16.2 24.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121163.D
Acq: 31 Jul 2020 17:37

Tgt Ion: 164 Resp: 251639
Ion Ratio Lower Upper
164 100
162 100.4 82.2 123.2
160 45.8 37.2 55.8

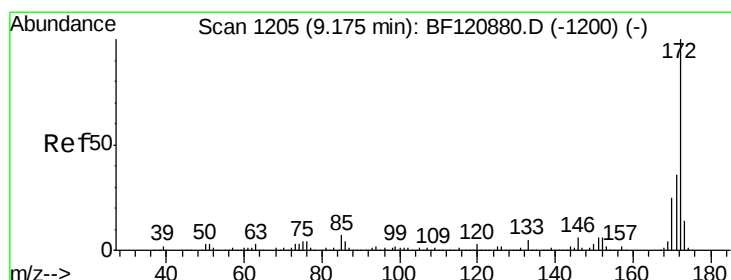
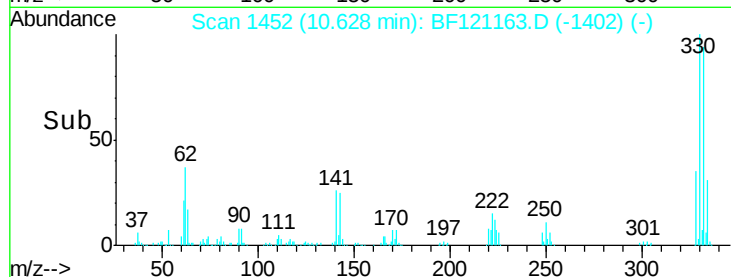
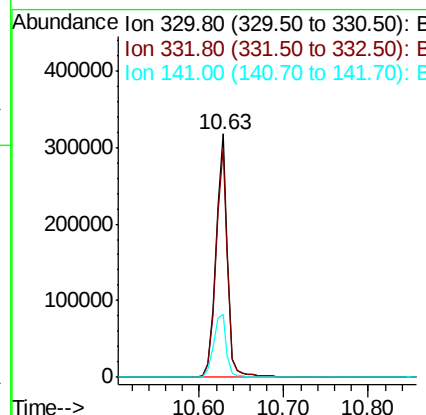
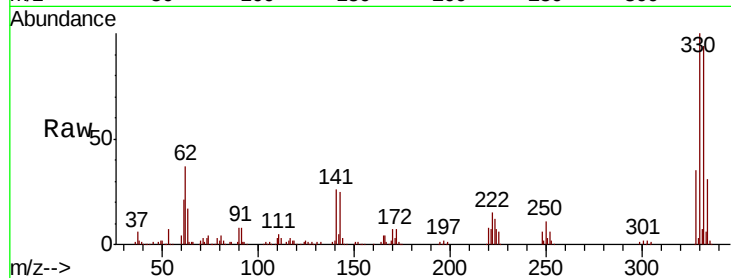




#42
 2,4,6-Tribromophenol
 Concen: 112.722 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121163.D
 Acq: 31 Jul 2020 17:37

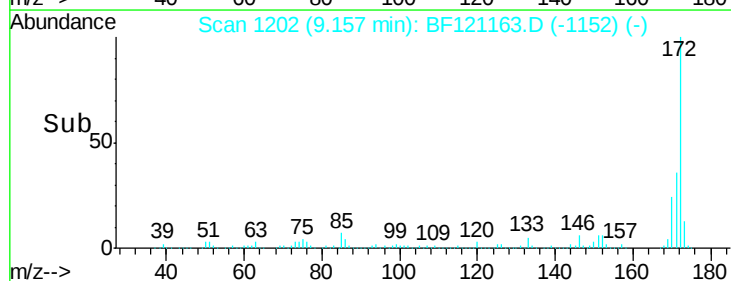
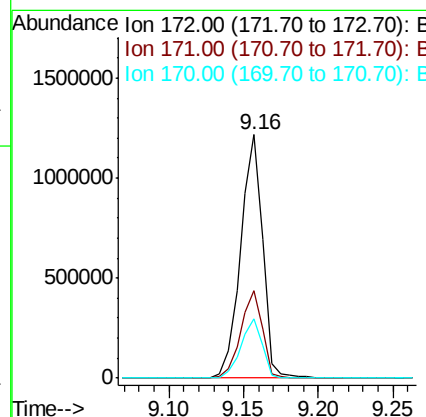
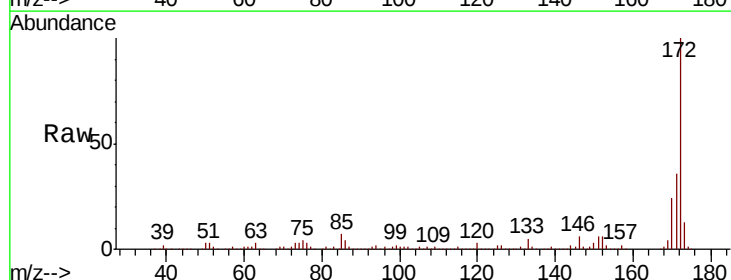
Instrument :
 BNA_F
 ClientSampleId :
 TP-10

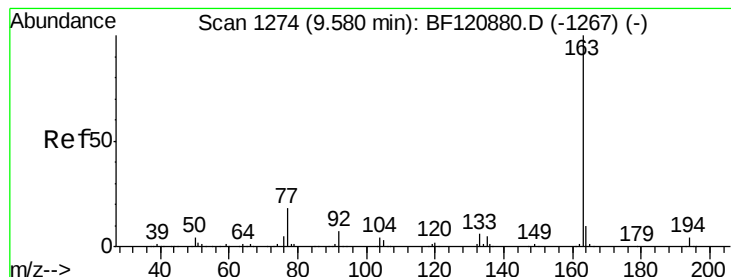
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.1	114.1
141	28.8	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 74.663 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121163.D
 Acq: 31 Jul 2020 17:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.4
170	24.1	19.6	29.4





#50

Dimethylphthalate

Concen: 7.311 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121163.D

Acq: 31 Jul 2020 17:37

Instrument :

BNA_F

ClientSampleId :

TP-10

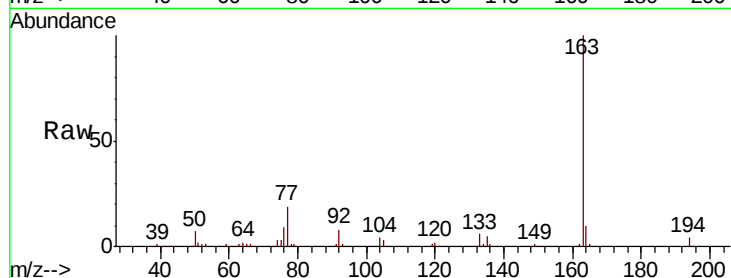
Tot Ion:163 Resp: 132731

Ion Ratio Lower Upper

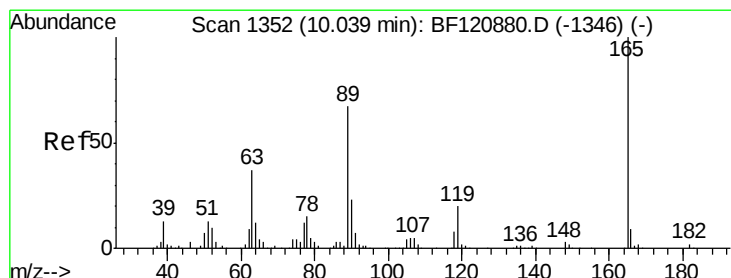
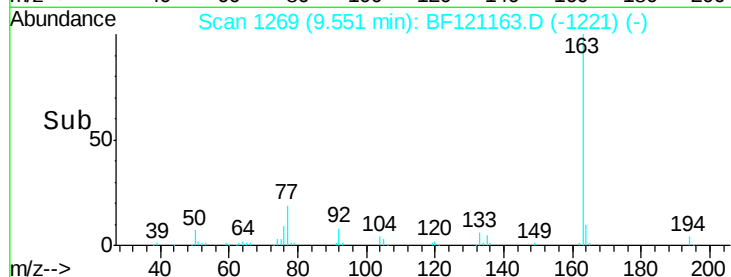
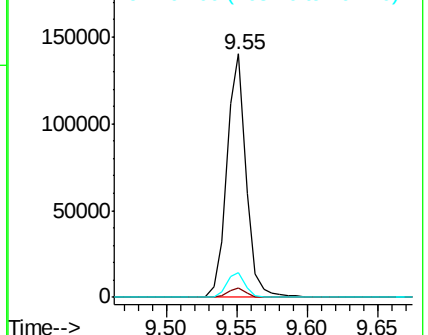
163 100

194 4.1 3.0 4.4

164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.316 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.20 min

Lab File: BF121163.D

Acq: 31 Jul 2020 17:37

Tgt Ion:165 Resp: 32349

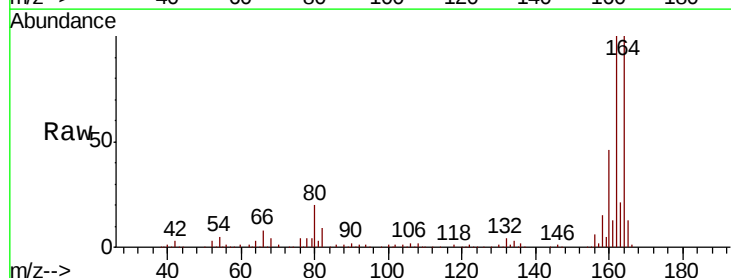
Ion Ratio Lower Upper

165 100

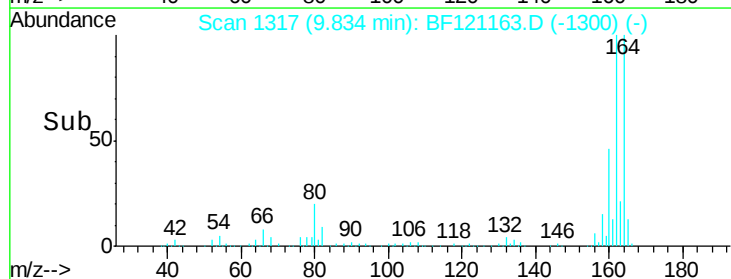
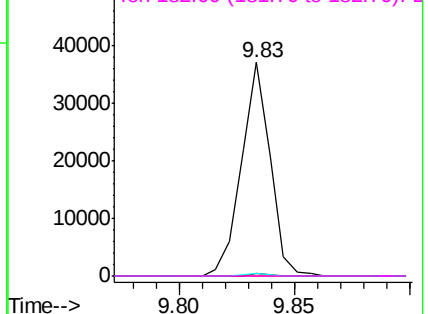
63 1.1 29.8 44.8#

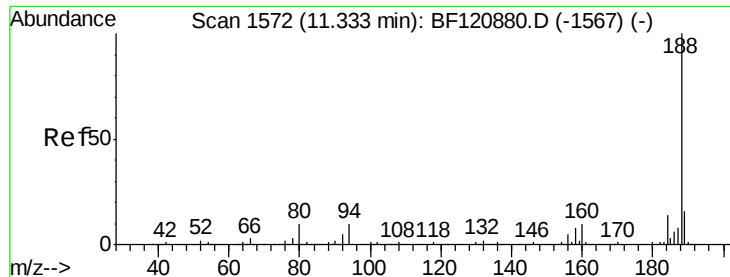
89 1.1 50.3 75.5#

182 0.0 2.1 3.1#



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: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF121163.D

Acq: 31 Jul 2020 17:37

Instrument :

BNA_F

ClientSampleId :

TP-10

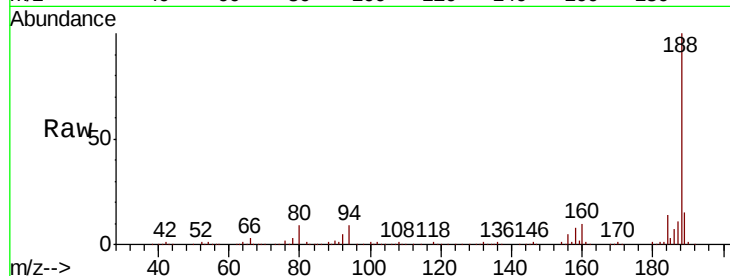
Tot Ion:188 Resp: 468138

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

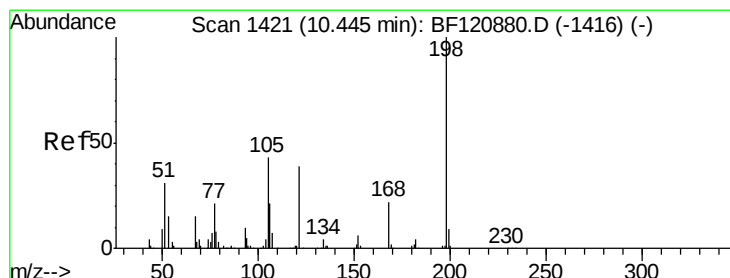
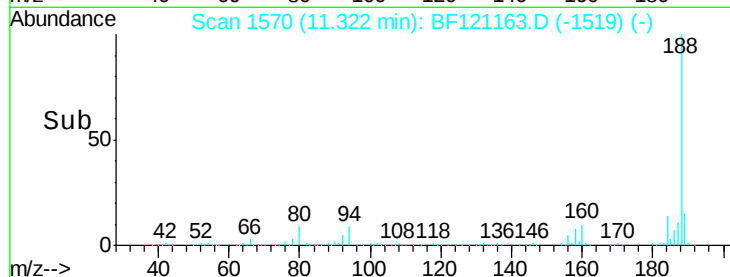
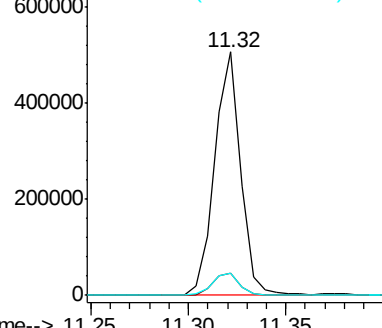
80 9.1 8.3 12.5



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: 3.988 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.19 min

Lab File: BF121163.D

Acq: 31 Jul 2020 17:37

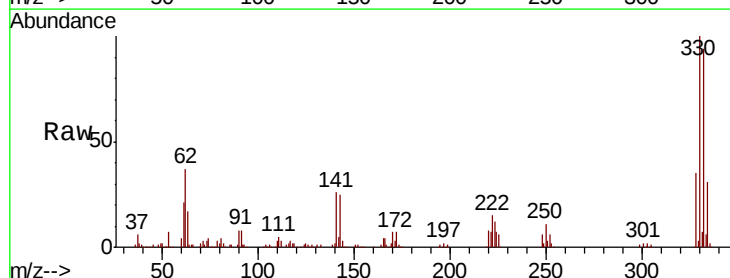
Tgt Ion:198 Resp: 428

Ion Ratio Lower Upper

198 100

51 145.5 23.4 63.4#

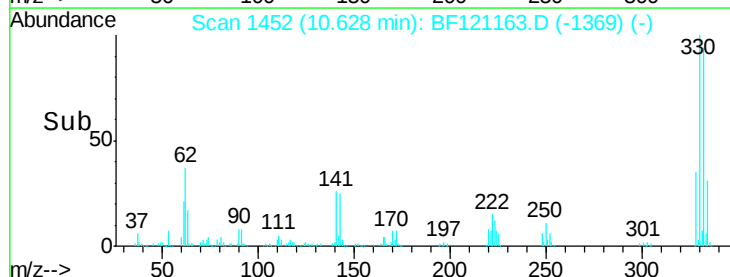
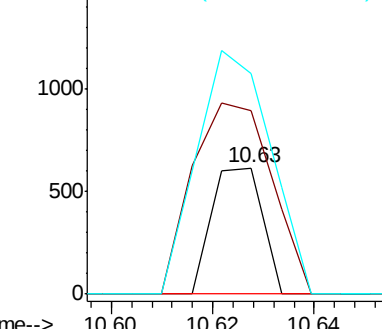
105 175.0 23.7 63.7#

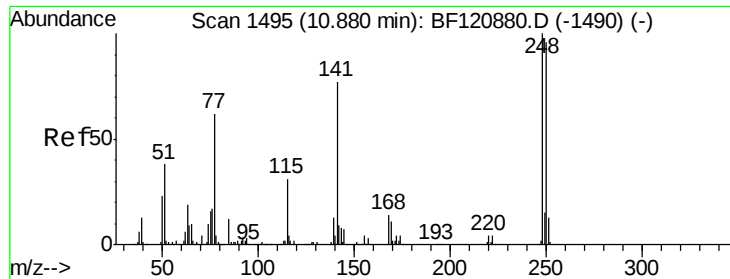


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

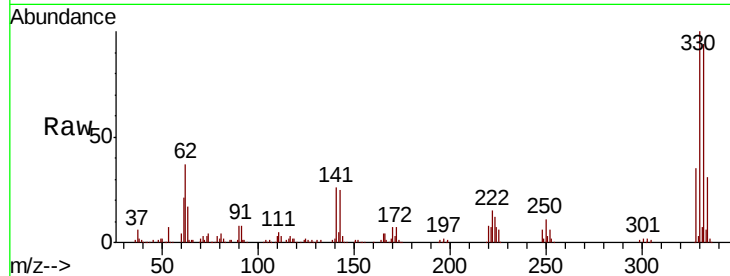




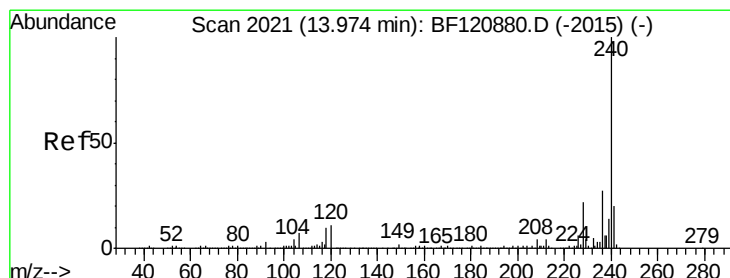
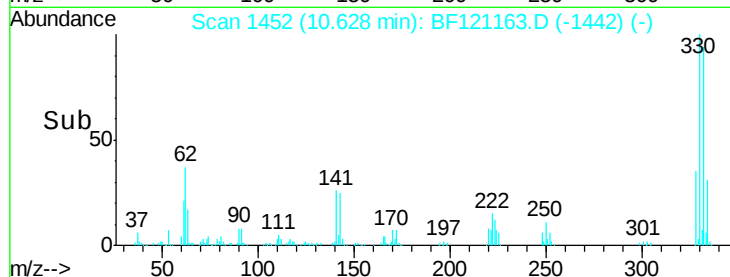
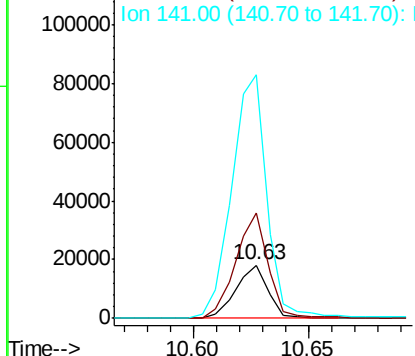
#67
 4-Bromophenyl-phenylether
 Concen: 3.381 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF121163.D
 Acq: 31 Jul 2020 17:37

Instrument :
 BNA_F
 ClientSampled :
 TP-10

Tot Ion:248 Resp: 17645
 Ion Ratio Lower Upper
 248 100
 250 198.2 77.0 115.6#
 141 457.4 56.6 85.0#

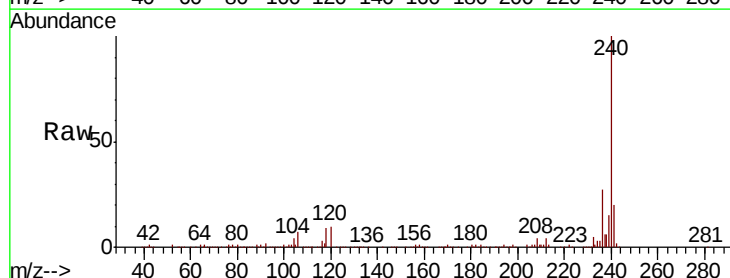


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

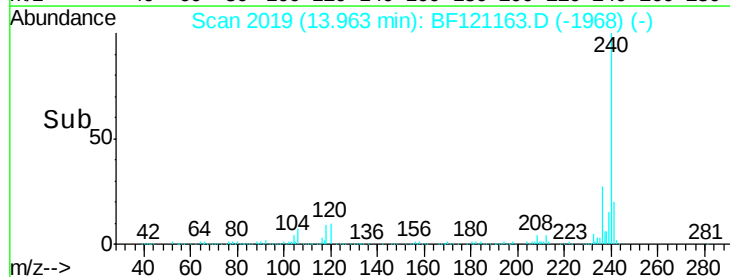
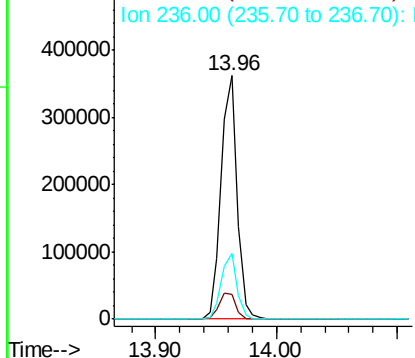


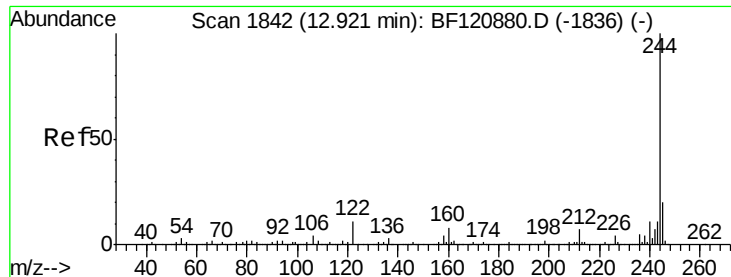
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF121163.D
 Acq: 31 Jul 2020 17:37

Tgt Ion:240 Resp: 329384
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.3 13.9
 236 26.9 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

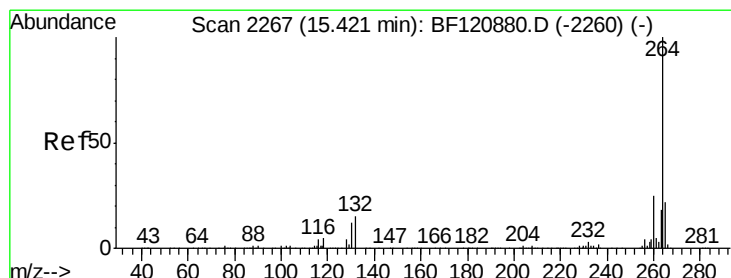
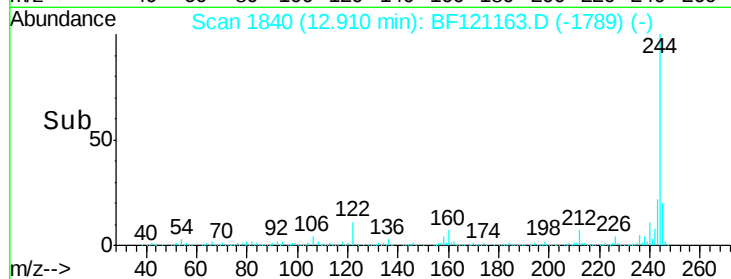
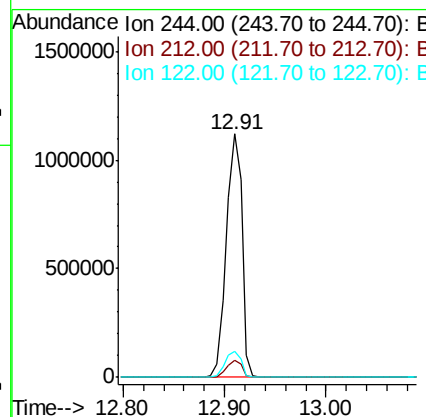
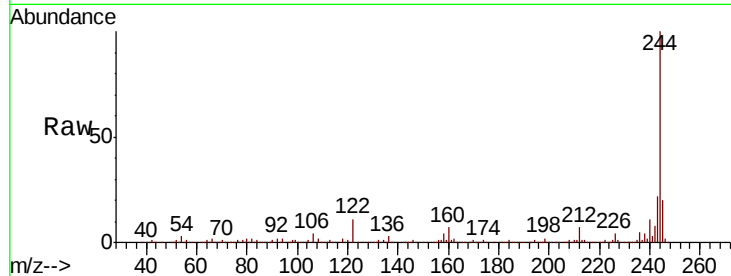




#79
 Terphenyl-d14
 Concen: 79.334 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF121163.D
 Acq: 31 Jul 2020 17:37

Instrument :
 BNA_F
 ClientSampled :
 TP-10

Tot Ion:244 Resp: 1202118
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: BF121163.D
 Acq: 31 Jul 2020 17:37

Tgt Ion:264 Resp: 287975
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.9 29.9
 265 21.7 17.8 26.8

