

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121155.D
 Acq On : 31 Jul 2020 13:52
 Operator : JU/CG
 Sample : L3518-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Jul 31 14:30:10 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	6.80	152	132815	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	509706	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	260755	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	489767	20.00	ng	0.00
76) Chrysene-d12	13.96	240	325088	20.00	ng	0.00
86) Perylene-d12	15.42	264	302456	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	746171	92.10	ng	0.00
7) Phenol-d6	6.44	99	912487	87.19	ng	0.00
23) Nitrobenzene-d5	7.36	82	599725	68.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	264380	92.63	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1093207	62.60	ng	0.00
79) Terphenyl-d14	12.91	244	1025055	68.54	ng	0.00

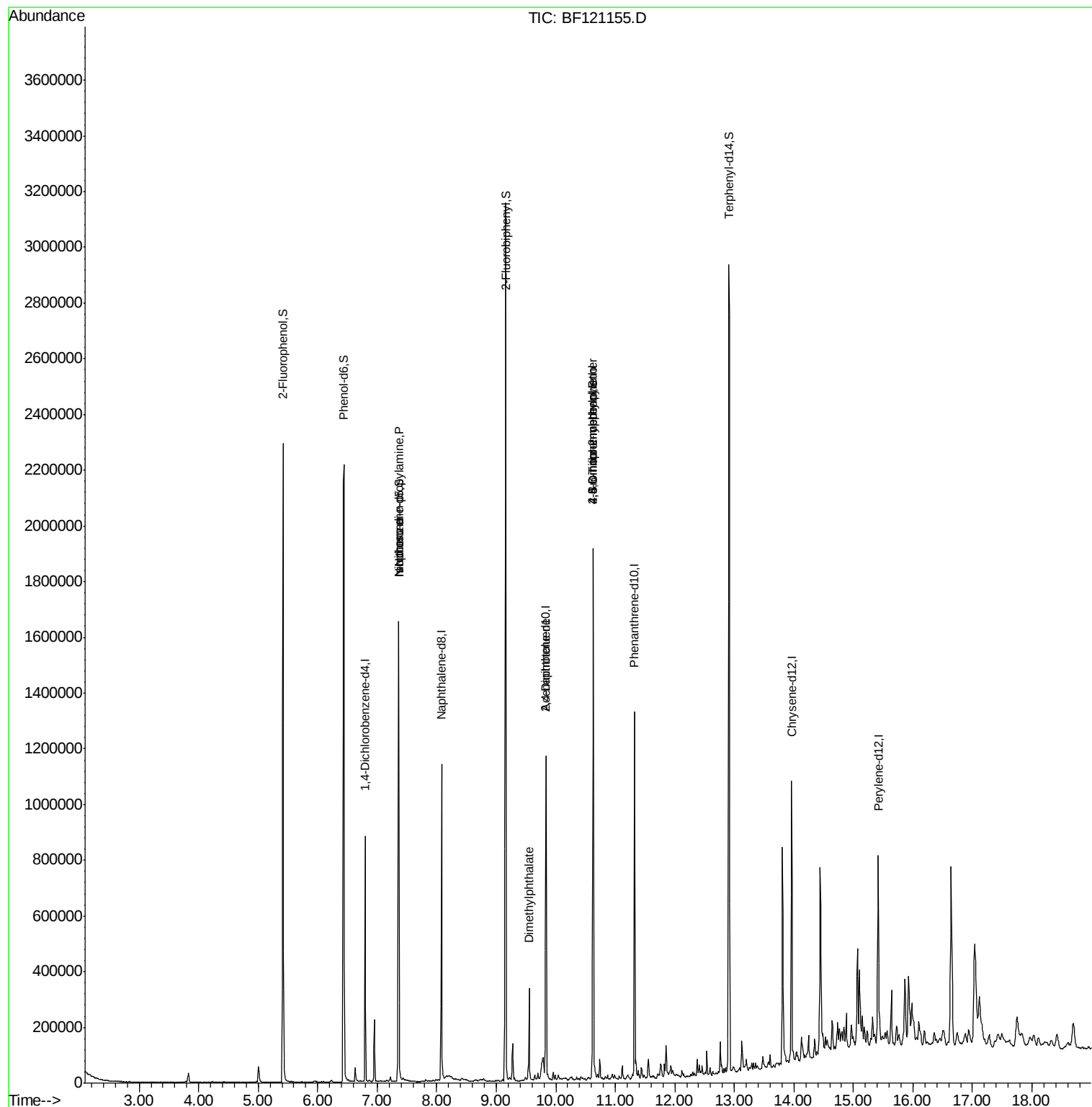
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	1422	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.36	70	79730	13.398	ng	# 77
25) Isophorone	7.36	82	586888	33.383	ng	# 62
50) Dimethylphthalate	9.55	163	125210	6.656	ng	# 99
57) 2,4-Dinitrotoluene	9.83	165	33861	6.380	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.63	198	449	3.988	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	15554	2.848	ng	# 1

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

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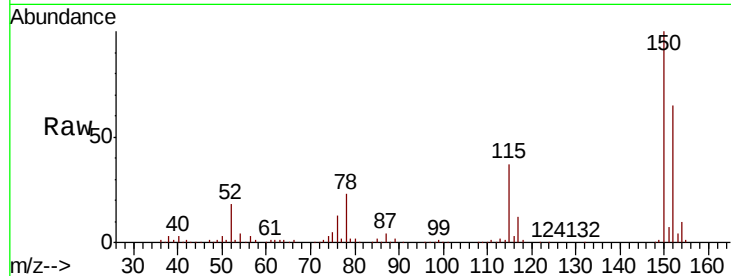


#1

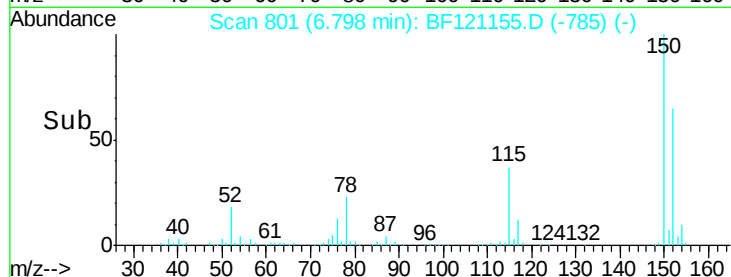
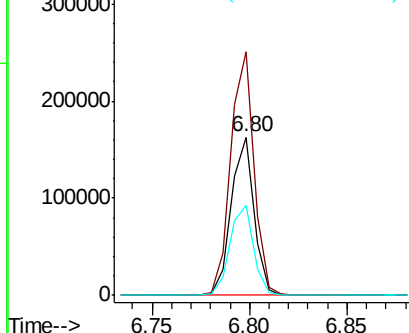
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF121155.D
 Acq: 31 Jul 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tot Ion:152 Resp: 132815
 Ion Ratio Lower Upper
 152 100
 150 154.3 125.6 188.4
 115 56.9 46.2 69.2



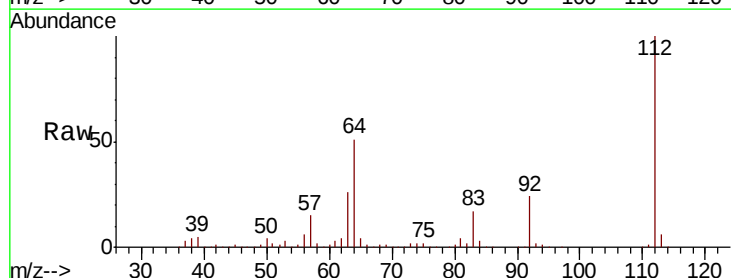
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



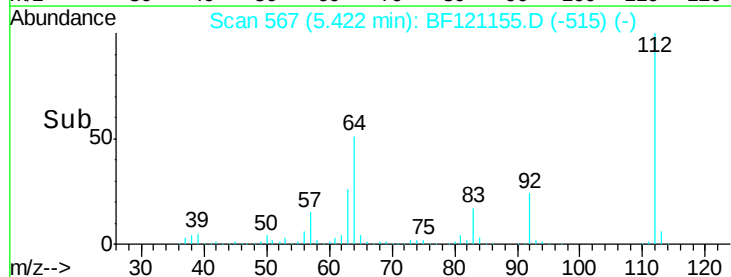
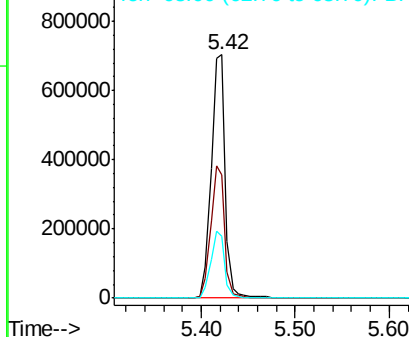
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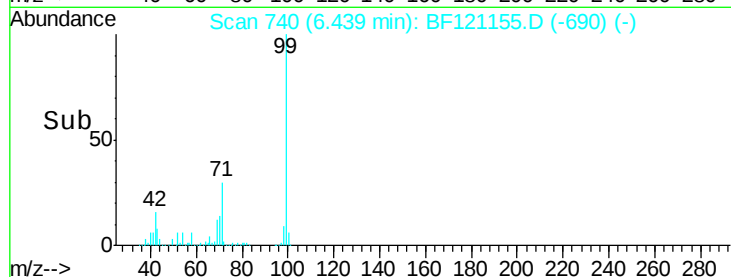
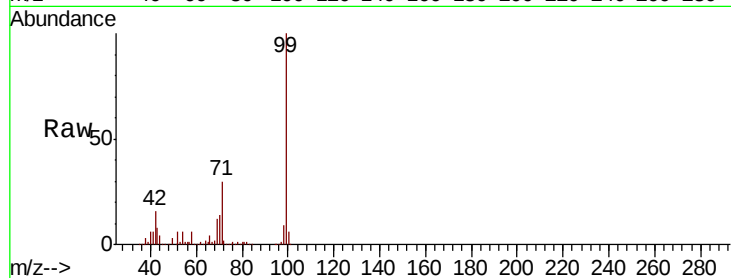
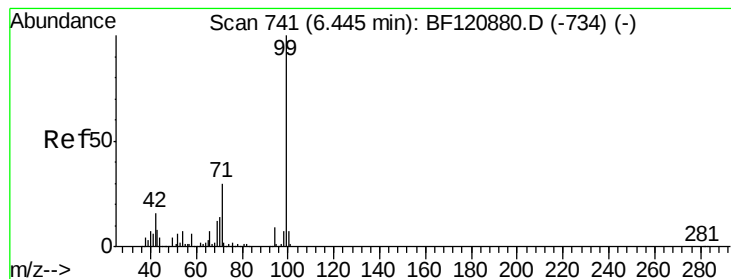
2-Fluorophenol
 Concen: 92.101 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF121155.D
 Acq: 31 Jul 2020 13:52

Tgt Ion:112 Resp: 746171
 Ion Ratio Lower Upper
 112 100
 64 50.7 43.9 65.9
 63 25.6 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: 87.192 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121155.D

Acq: 31 Jul 2020 13:52

Instrument :

BNA_F

ClientSampleId :

TP-6

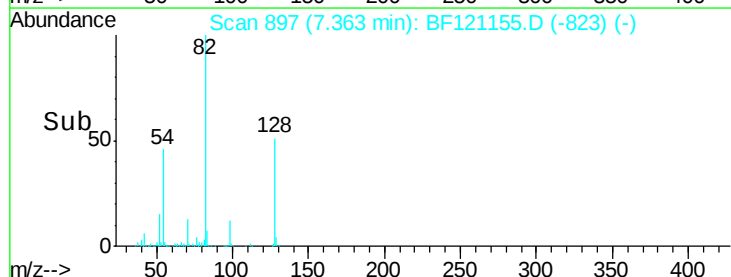
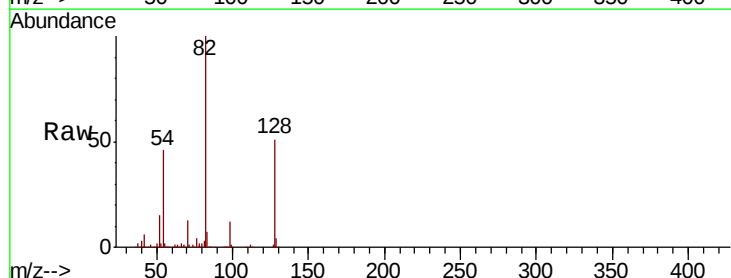
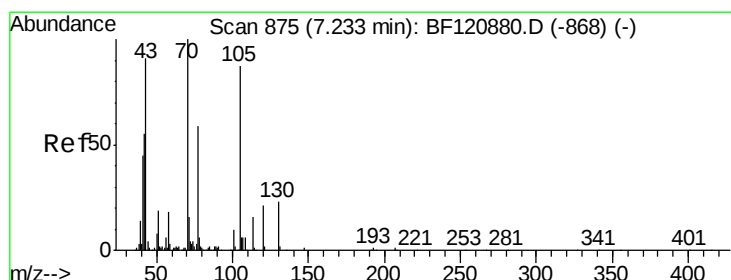
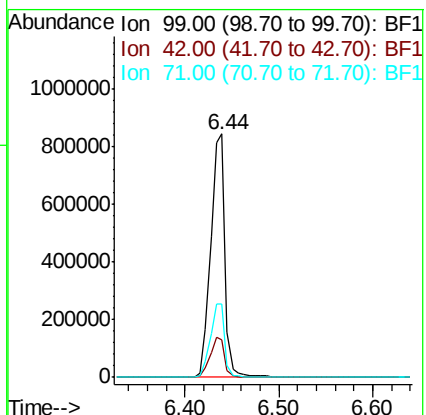
Tot Ion: 99 Resp: 912487

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

71 30.0 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 13.398 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.14 min

Lab File: BF121155.D

Acq: 31 Jul 2020 13:52

Tgt Ion: 70 Resp: 79730

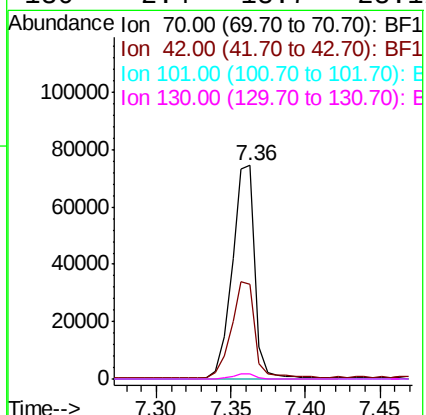
Ion Ratio Lower Upper

70 100

42 44.4 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: BF121155.D

Acq: 31 Jul 2020 13:52

Instrument :

BNA_F

ClientSampleId :

TP-6

Tot Ion:136 Resp: 509706

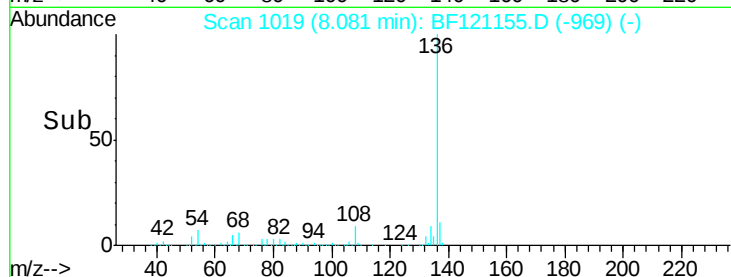
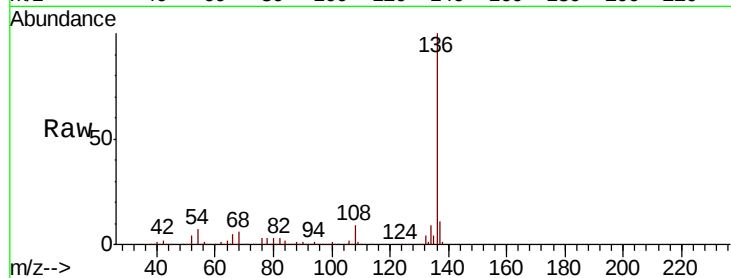
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.0 6.1 9.1

68 5.6 5.0 7.6

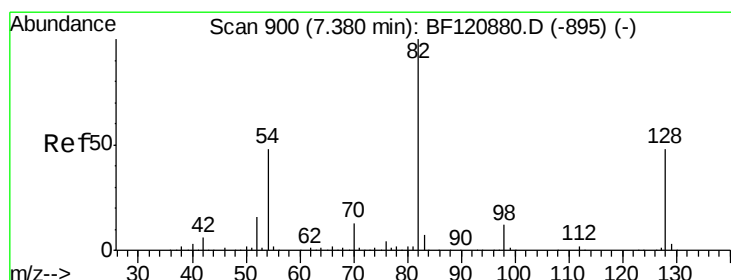
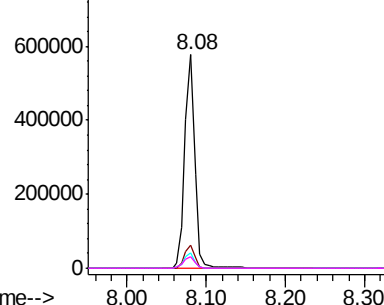


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.082 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF121155.D

Acq: 31 Jul 2020 13:52

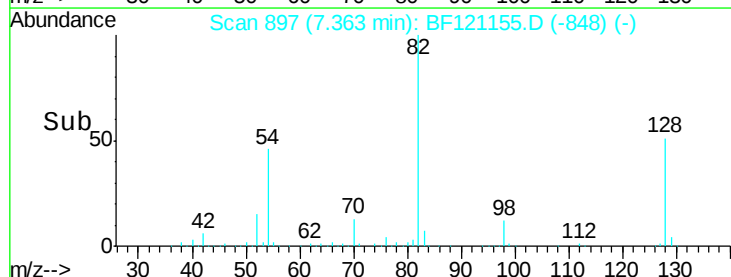
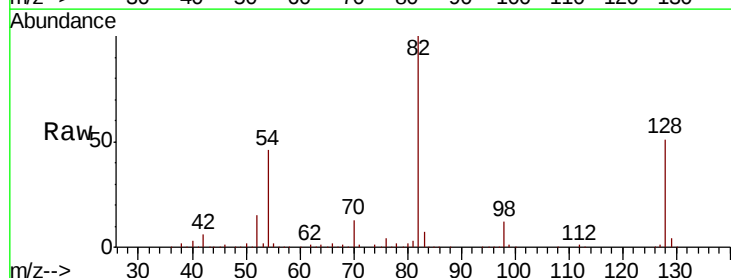
Tgt Ion: 82 Resp: 599725

Ion Ratio Lower Upper

82 100

128 50.8 39.2 58.8

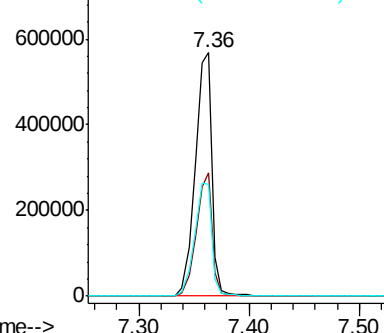
54 45.7 37.8 56.8



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

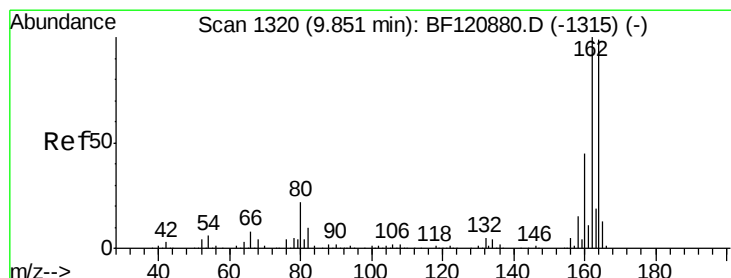
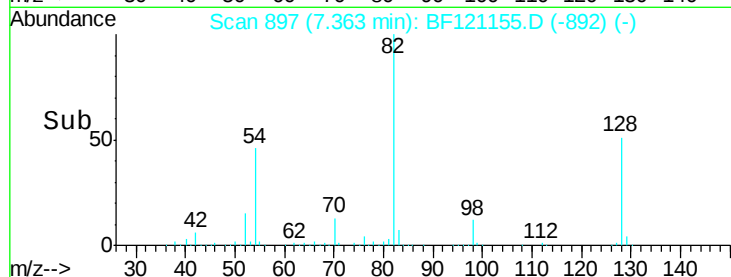
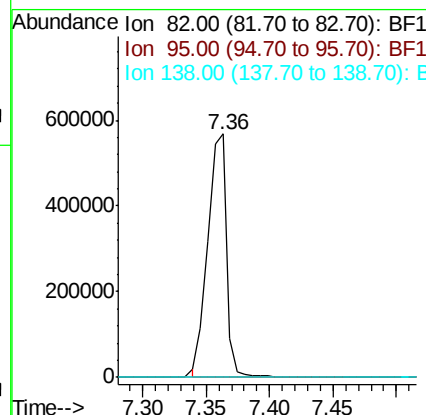
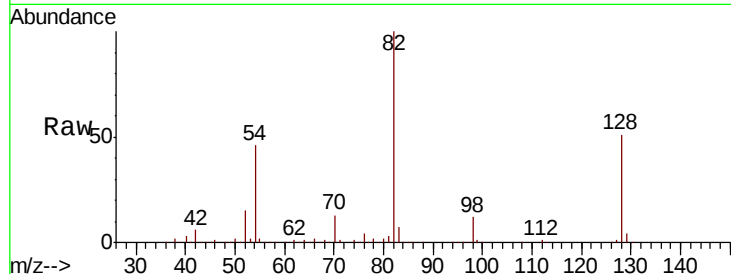




#25
Isophorone
Concen: 33.383 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.27 min
Lab File: BF121155.D
Acq: 31 Jul 2020 13:52

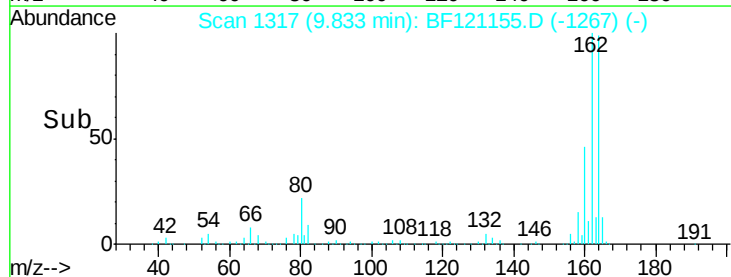
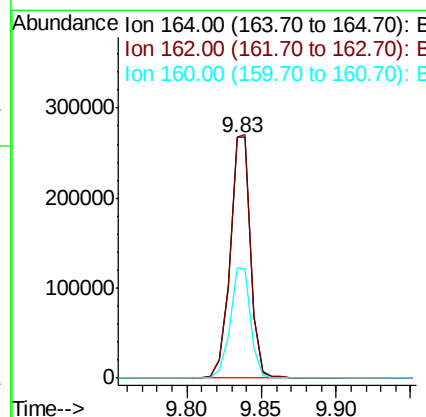
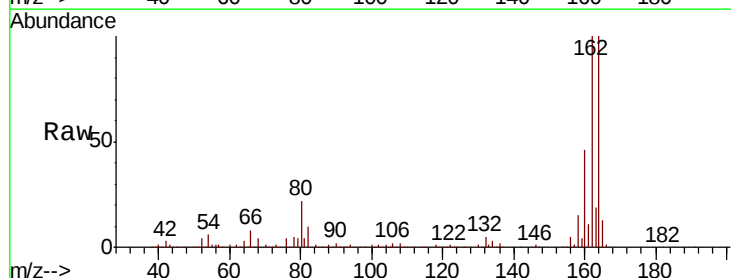
Instrument :
BNA_F
ClientSampleId :
TP-6

Tot Ion: 82 Resp: 586888
Ion Ratio Lower Upper
82 100
95 0.1 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: BF121155.D
Acq: 31 Jul 2020 13:52

Tgt Ion:164 Resp: 260755
Ion Ratio Lower Upper
164 100
162 100.1 82.2 123.2
160 45.8 37.2 55.8

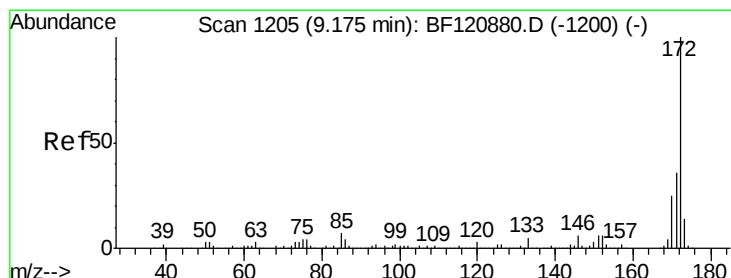
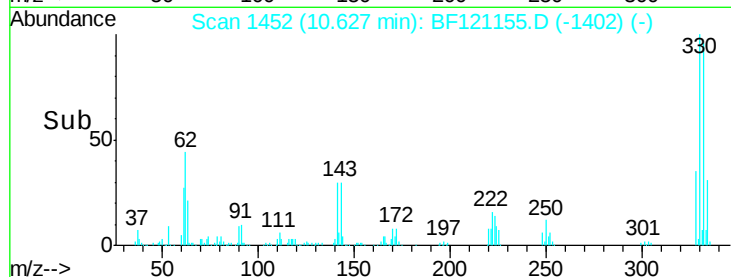
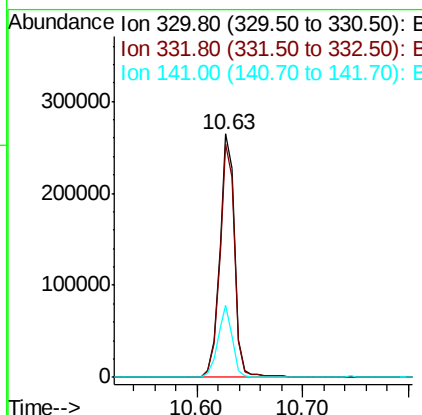
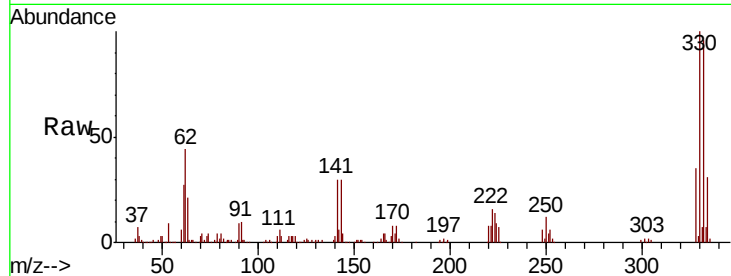




#42
 2,4,6-Tribromophenol
 Concen: 92.628 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121155.D
 Acq: 31 Jul 2020 13:52

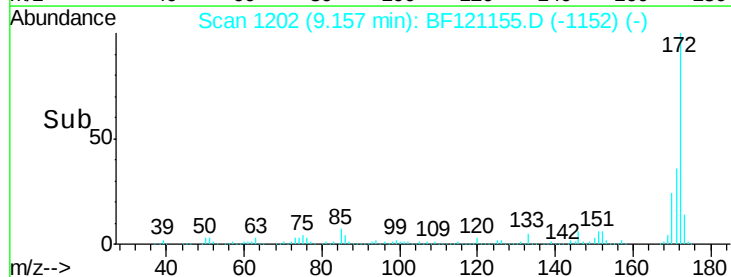
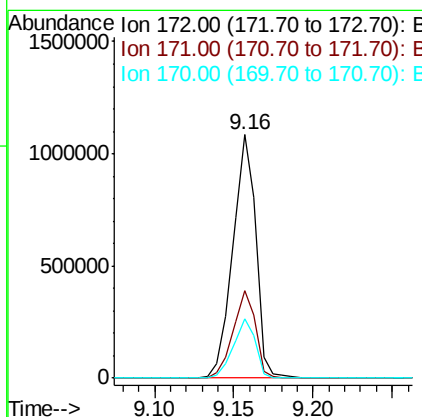
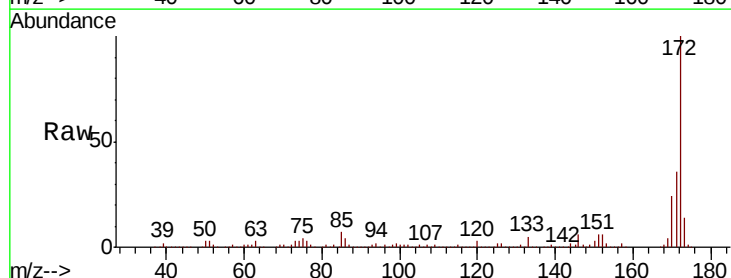
Instrument :
 BNA_F
 ClientSampleId :
 TP-6

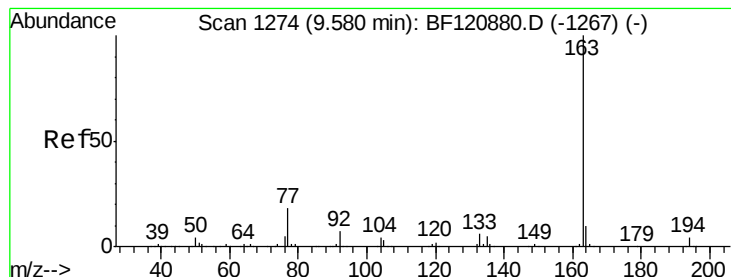
Tot Ion:330 Resp: 264380
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.1 114.1
 141 29.2 24.1 36.1



#45
 2-Fluorobiphenyl
 Concen: 62.595 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121155.D
 Acq: 31 Jul 2020 13:52

Tgt Ion:172 Resp: 1093207
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 24.3 19.6 29.4





#50

Dimethylphthalate

Concen: 6.656 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121155.D

Acq: 31 Jul 2020 13:52

Instrument :

BNA_F

ClientSampleId :

TP-6

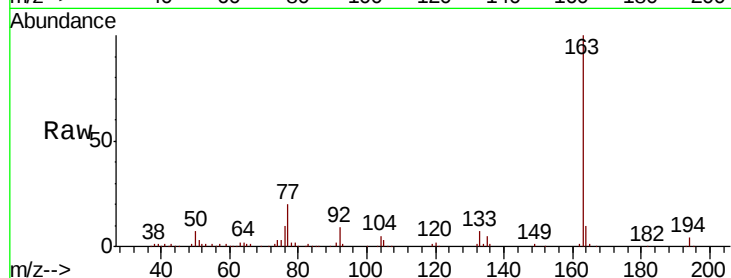
Tot Ion:163 Resp: 125210

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

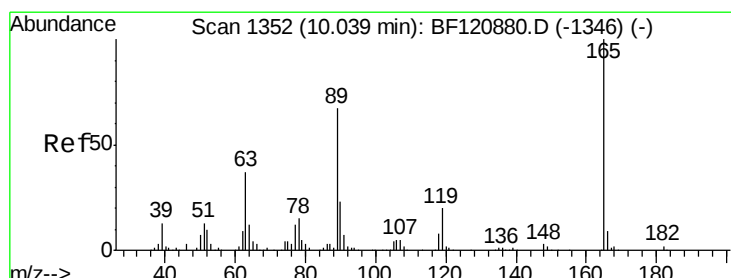
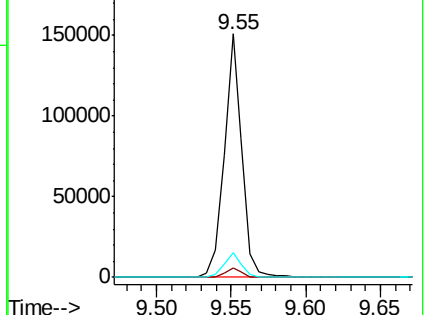
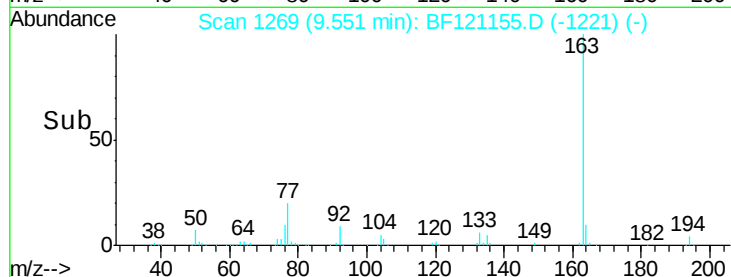
164 10.2 8.4 12.6



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: 6.380 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.20 min

Lab File: BF121155.D

Acq: 31 Jul 2020 13:52

Tgt Ion:165 Resp: 33861

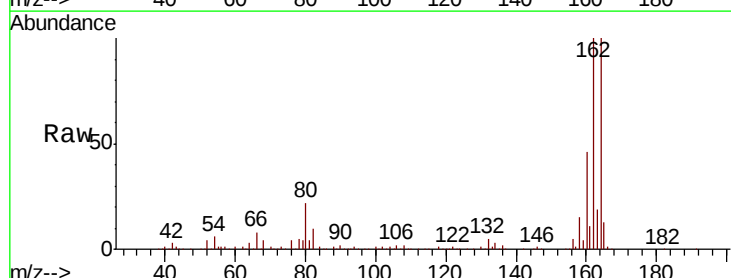
Ion Ratio Lower Upper

165 100

63 1.3 29.8 44.8#

89 1.3 50.3 75.5#

182 1.4 2.1 3.1#

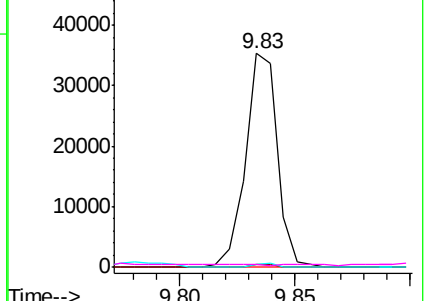
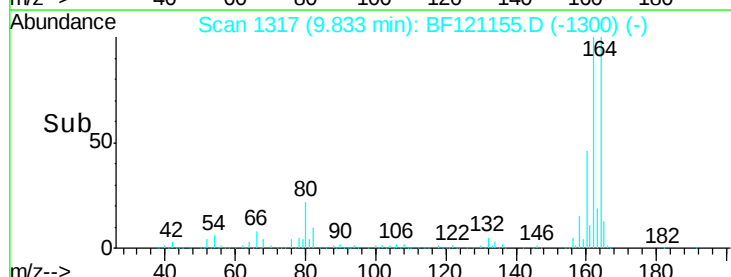


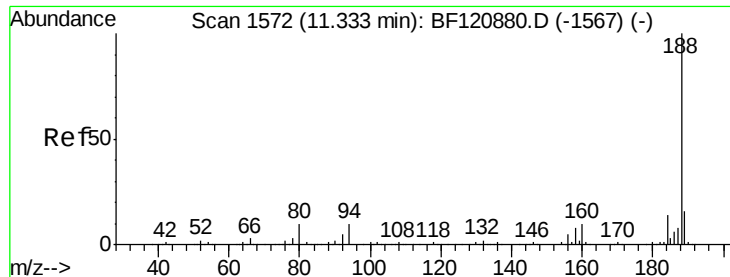
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF121155.D

Acq: 31 Jul 2020 13:52

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TP-6

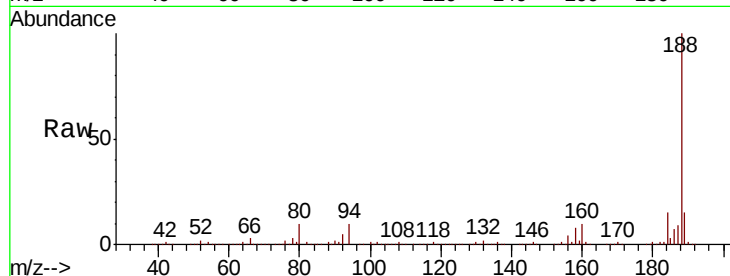
Tot Ion:188 Resp: 489767

Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

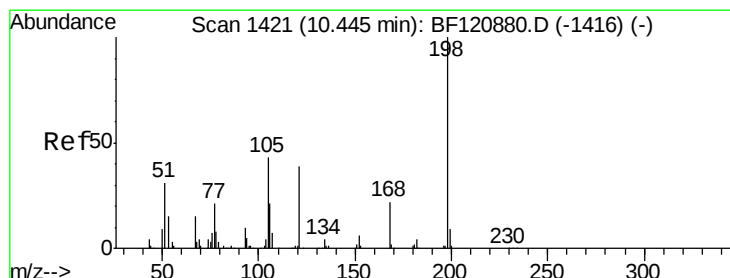
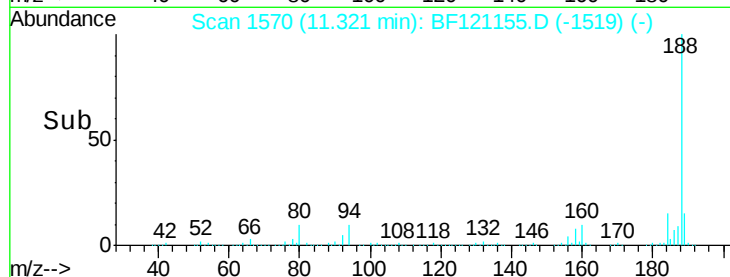
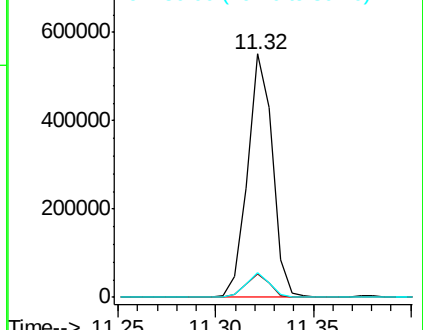
80 10.2 8.3 12.5



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: BF121155.D

Acq: 31 Jul 2020 13:52

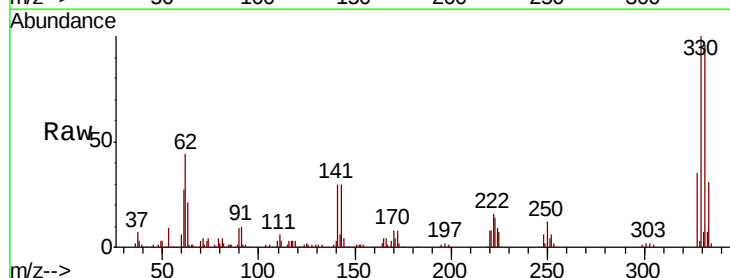
Tgt Ion:198 Resp: 449

Ion Ratio Lower Upper

198 100

51 191.4 23.4 63.4#

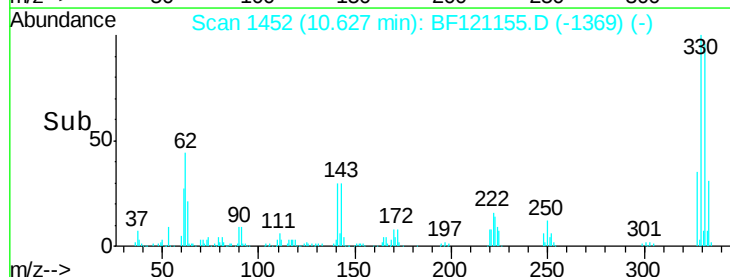
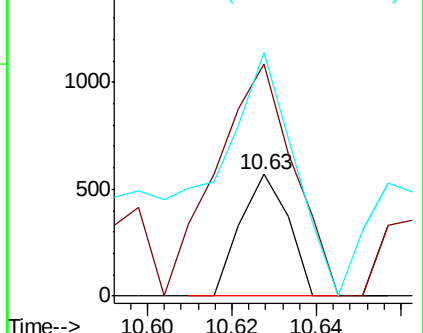
105 200.2 23.7 63.7#

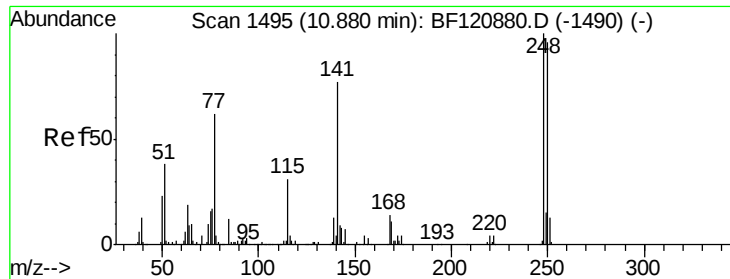


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

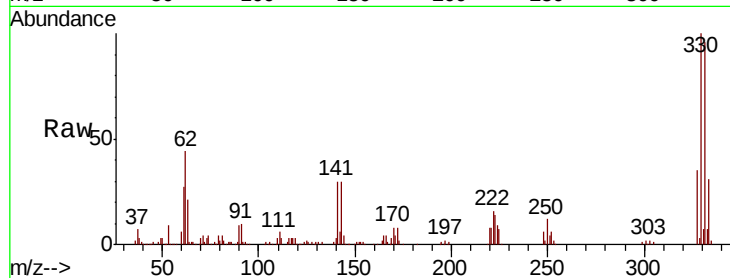




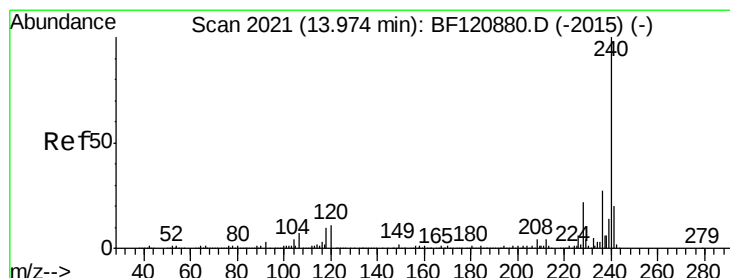
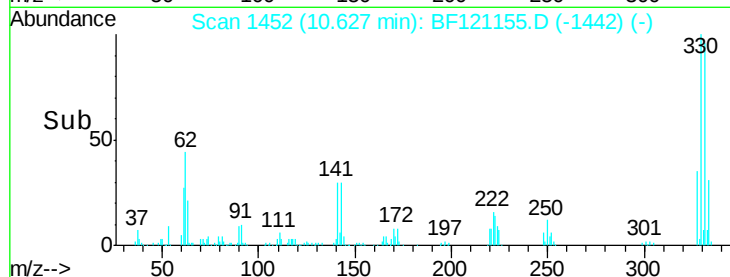
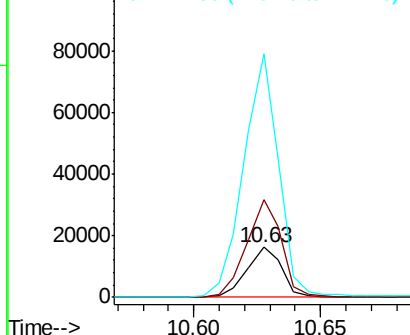
#67
4-Bromophenyl-phenylether
Concen: 2.848 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF121155.D
Acq: 31 Jul 2020 13:52

Instrument :
BNA_F
ClientSampled :
TP-6

Tot Ion:248 Resp: 15554
Ion Ratio Lower Upper
248 100
250 197.1 77.0 115.6#
141 489.8 56.6 85.0#

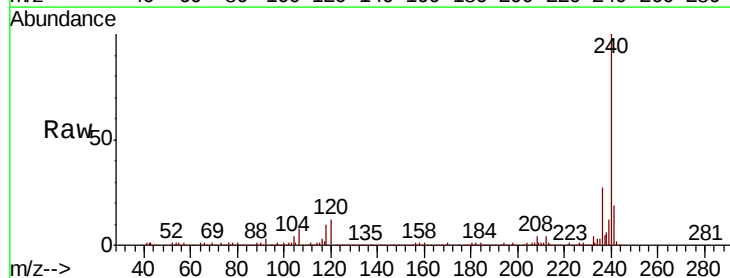


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

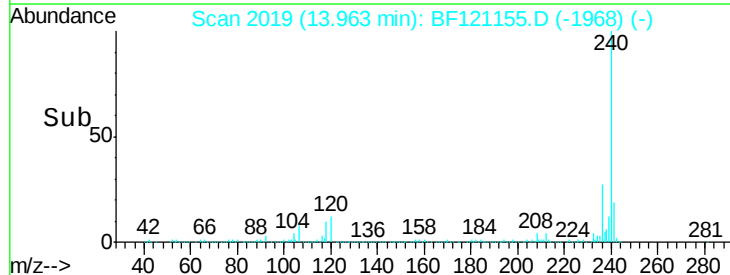
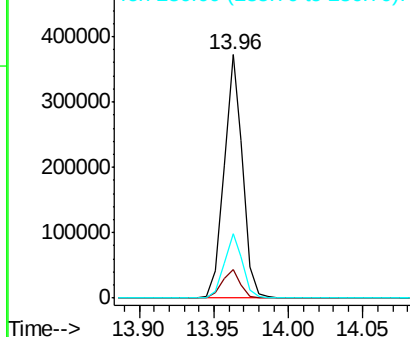


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121155.D
Acq: 31 Jul 2020 13:52

Tgt Ion:240 Resp: 325088
Ion Ratio Lower Upper
240 100
120 11.5 9.3 13.9
236 26.6 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

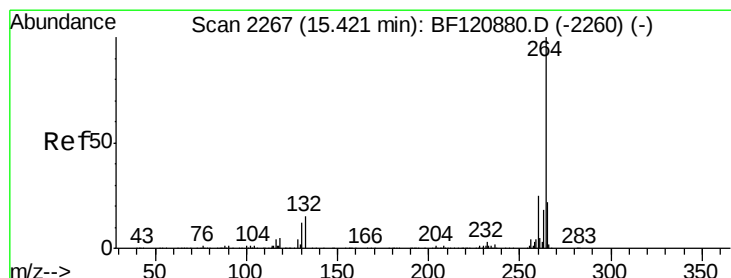
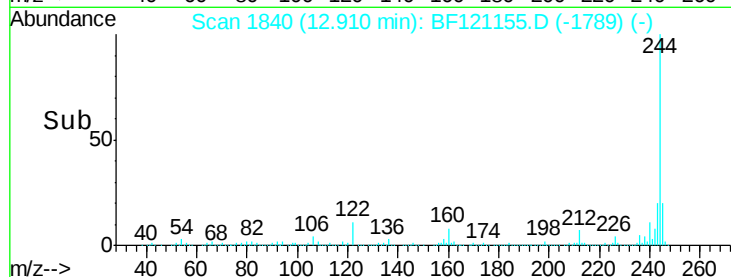
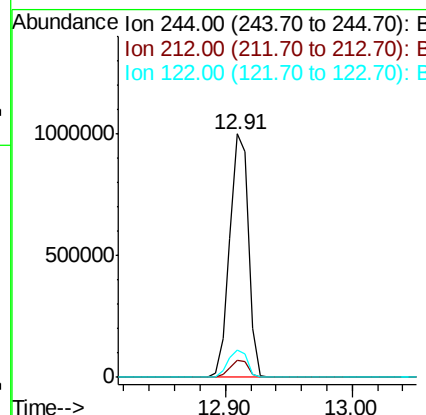
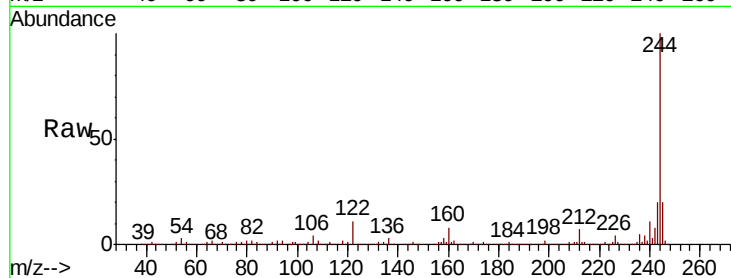




#79
 Terphenyl-d14
 Concen: 68.543 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121155.D
 Acq: 31 Jul 2020 13:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tot Ion:244 Resp: 1025055
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 11.3 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: BF121155.D
 Acq: 31 Jul 2020 13:52

Tgt Ion:264 Resp: 302456
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.9 29.9
 265 21.4 17.8 26.8

