

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
 Data File : BF120957.D
 Acq On : 21 Jul 2020 16:46
 Operator : JU/CG
 Sample : L3354-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BACK-YARD

Quant Time: Jul 21 18:02:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	171441	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	665383	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	360225	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	692381	20.00	ng	0.00
76) Chrysene-d12	13.97	240	553330	20.00	ng	0.00
86) Perylene-d12	15.42	264	449291	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	557777	53.34	ng	0.00
7) Phenol-d6	6.44	99	753645	55.79	ng	0.00
23) Nitrobenzene-d5	7.37	82	428224	37.24	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	322060	81.68	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1012775	41.98	ng	0.00
79) Terphenyl-d14	12.92	244	1367257	53.71	ng	0.00

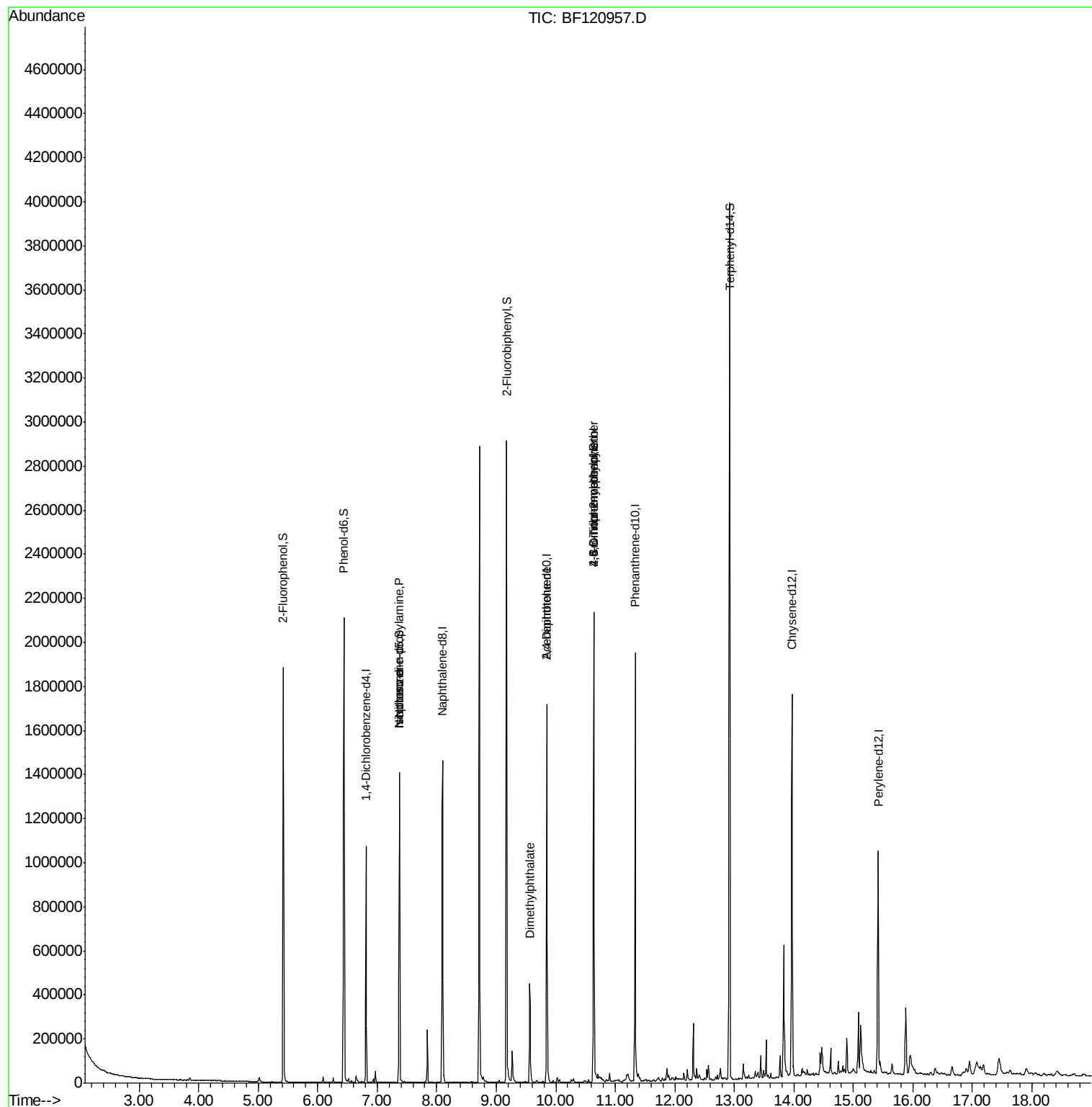
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.46	77	2340	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.37	70	56458	7.350	ng	# 77
25) Isophorone	7.37	82	422799	18.423	ng	# 63
50) Dimethylphthalate	9.56	163	192090	7.391	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	45740	6.238	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.63	198	659	3.994	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	18902	2.449	ng	# 1

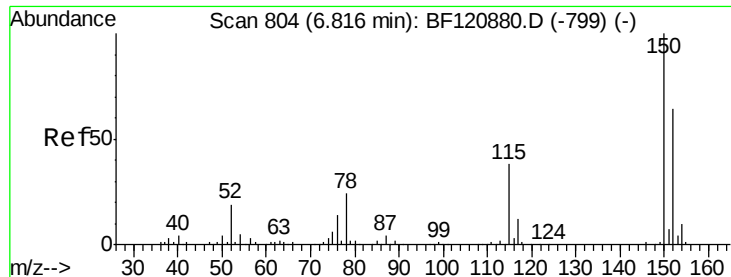
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072120\
Data File : BF120957.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
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BACK-YARD

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration



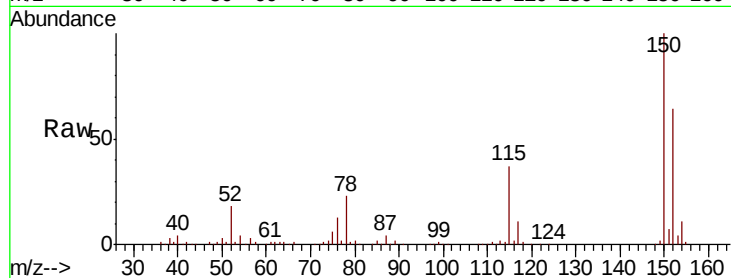


#1

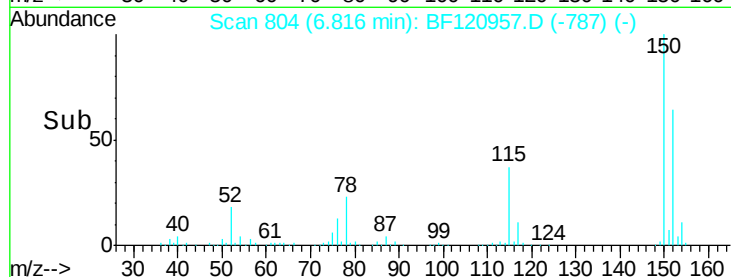
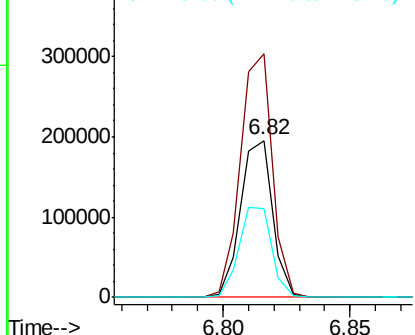
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120957.D
 Acq: 21 Jul 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 BACK-YARD

Tot Ion:152 Resp: 171441
 Ion Ratio Lower Upper
 152 100
 150 155.2 125.0 187.6
 115 57.0 47.0 70.4



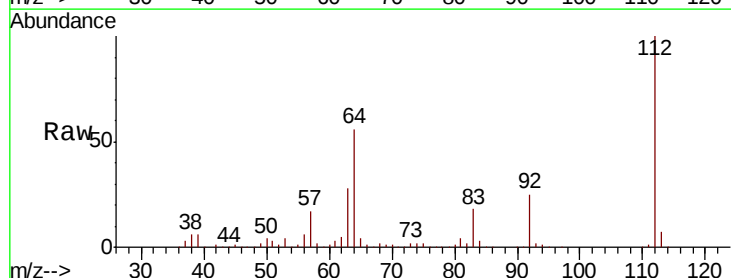
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



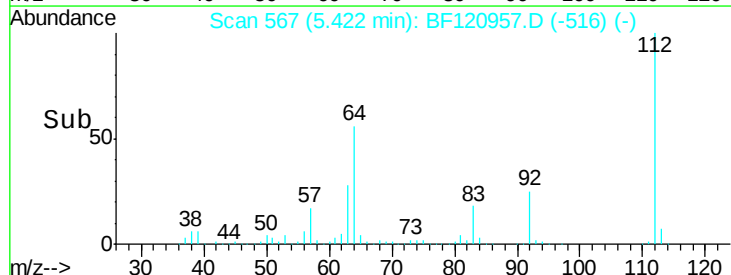
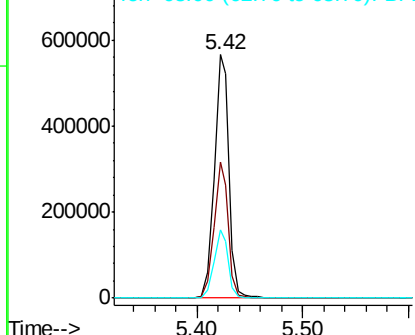
#5

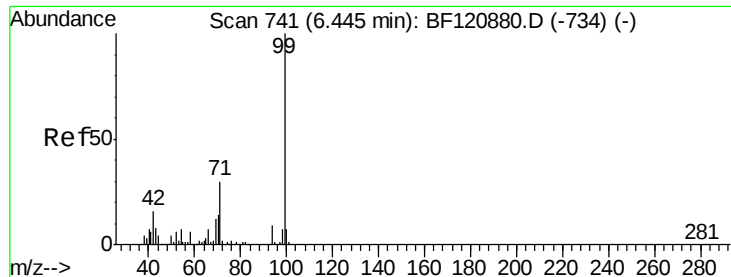
2-Fluorophenol
 Concen: 53.336 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF120957.D
 Acq: 21 Jul 2020 16:46

Tgt Ion:112 Resp: 557777
 Ion Ratio Lower Upper
 112 100
 64 55.9 41.3 61.9
 63 28.1 21.1 31.7



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: 55.789 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120957.D

Acq: 21 Jul 2020 16:46

Instrument :

BNA_F

ClientSampleId :

BACK-YARD

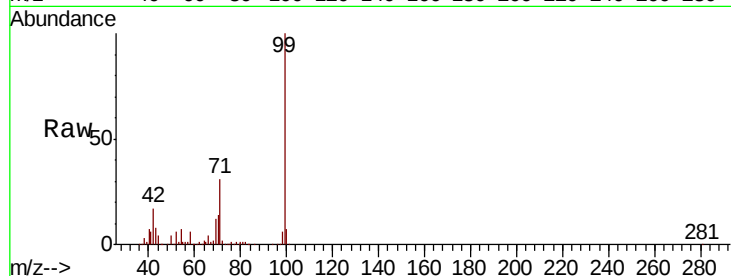
Tot Ion: 99 Resp: 753645

Ion Ratio Lower Upper

99 100

42 16.7 13.1 19.7

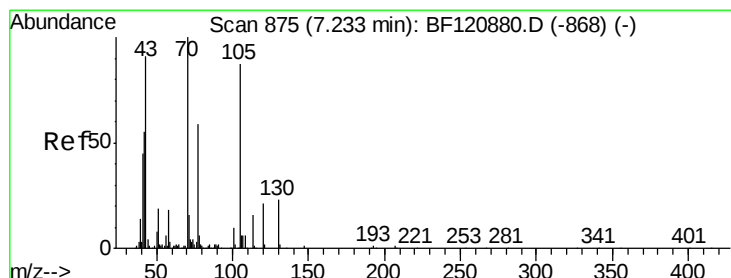
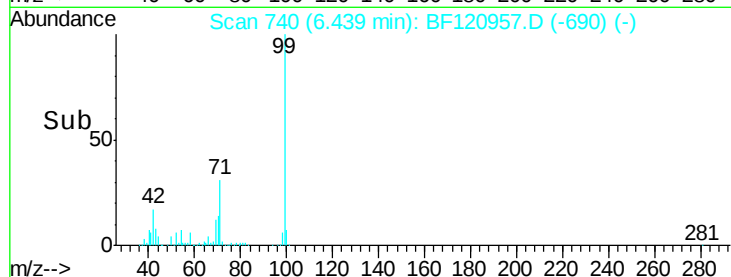
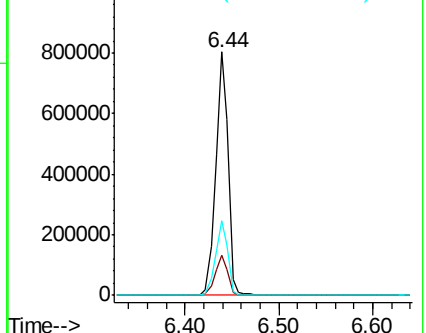
71 30.6 24.2 36.4



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: 7.350 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120957.D

Acq: 21 Jul 2020 16:46

Tgt Ion: 70 Resp: 56458

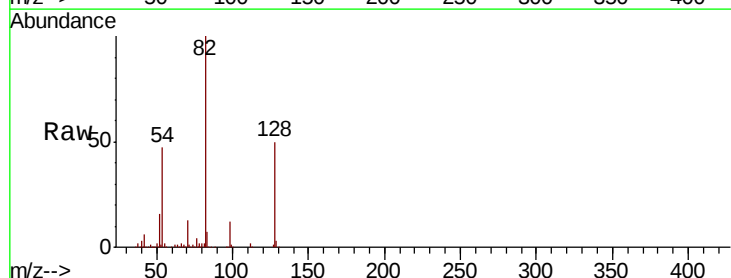
Ion Ratio Lower Upper

70 100

42 45.2 44.0 66.0

101 0.0 7.8 11.6#

130 2.2 18.7 28.1#

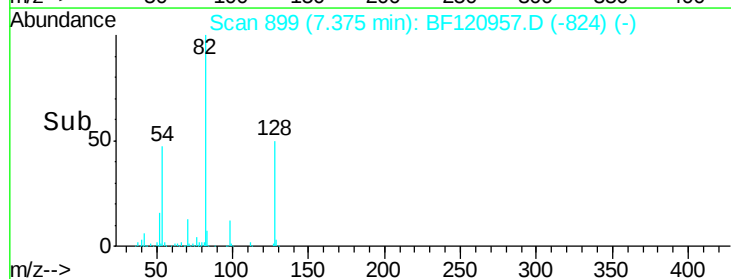
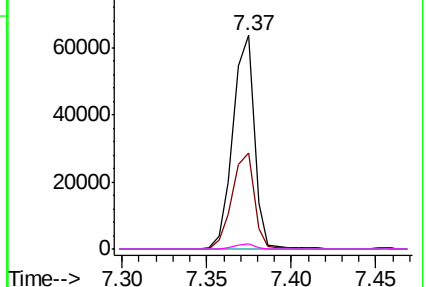


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120957.D

Acq: 21 Jul 2020 16:46

Instrument :

BNA_F

ClientSampleId :

BACK-YARD

Tot Ion:136 Resp: 665383

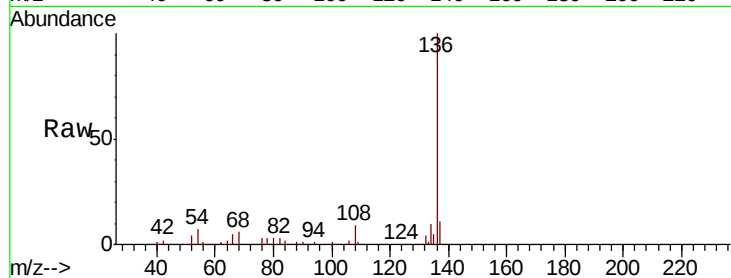
Ion Ratio Lower Upper

136 100

137 10.9 9.3 13.9

54 6.9 6.3 9.5

68 5.5 5.0 7.4

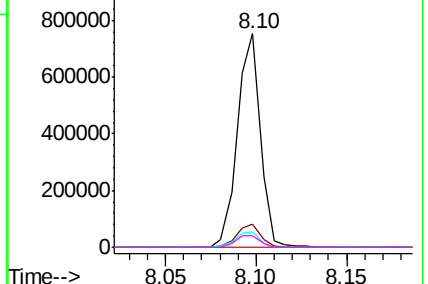
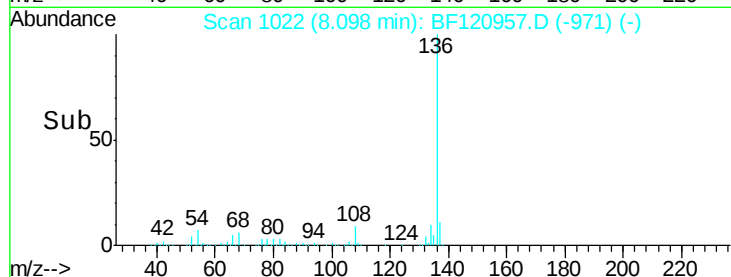


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.239 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120957.D

Acq: 21 Jul 2020 16:46

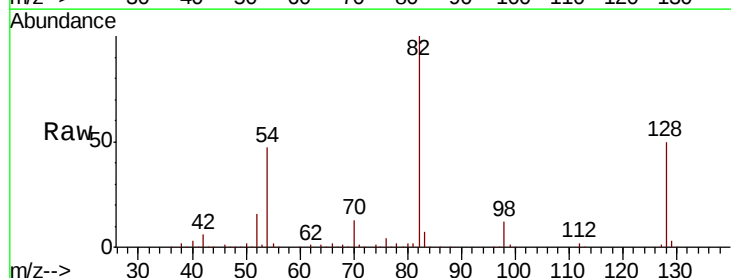
Tgt Ion: 82 Resp: 428224

Ion Ratio Lower Upper

82 100

128 49.8 38.2 57.4

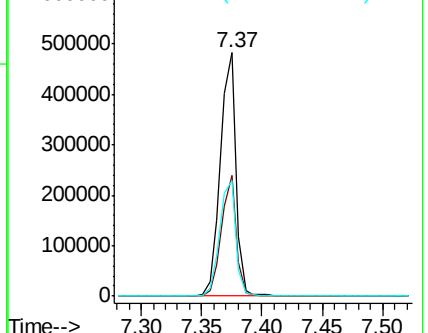
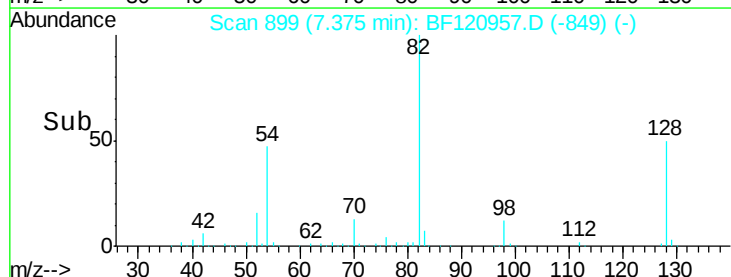
54 47.5 38.7 58.1

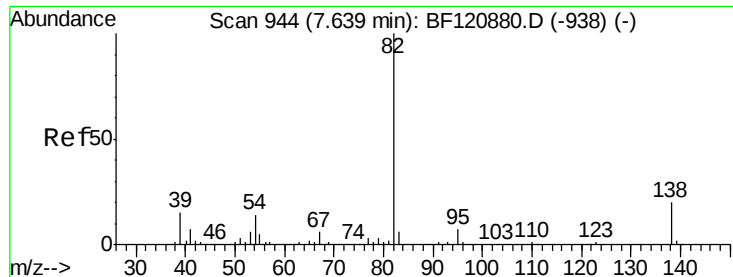


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

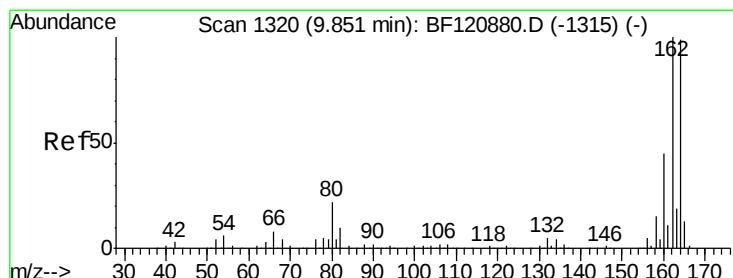
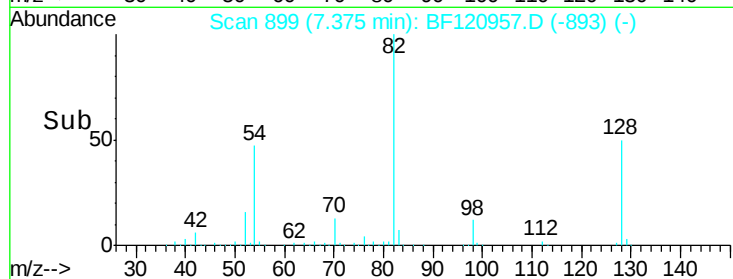
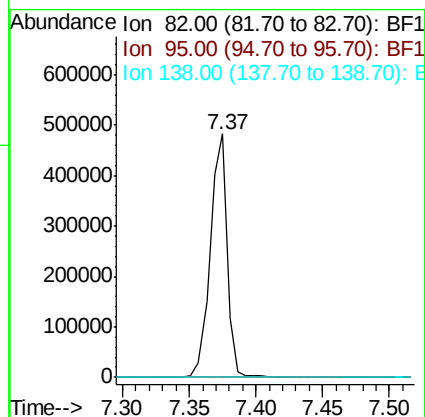
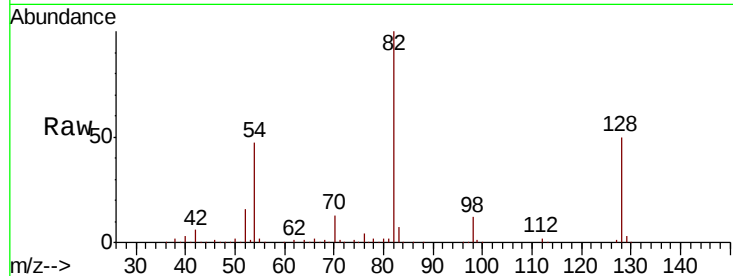




#25
Isophorone
Concen: 18.423 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

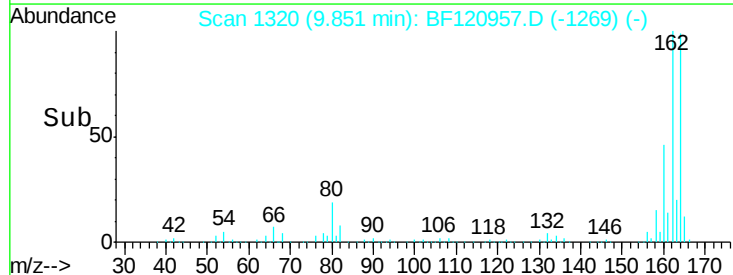
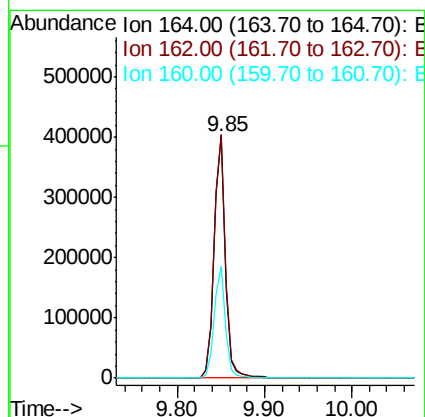
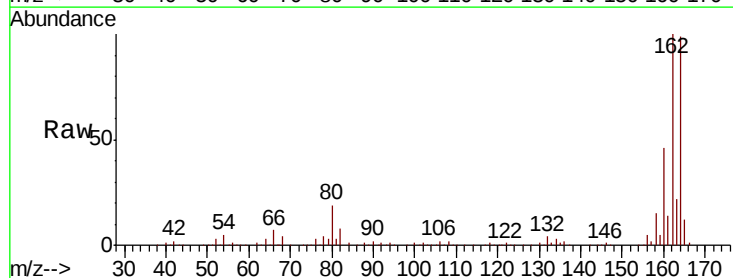
Instrument :
BNA_F
ClientSampleId :
BACK-YARD

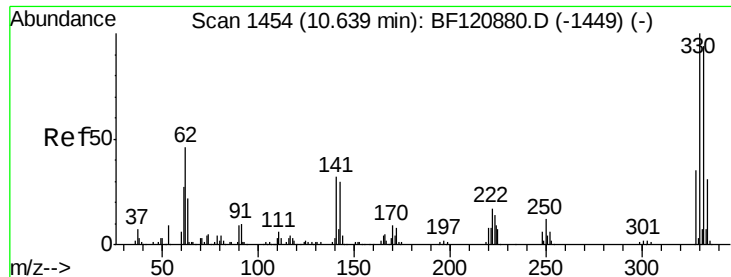
Tot Ion: 82 Resp: 422799
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.6 23.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Tgt Ion: 164 Resp: 360225
Ion Ratio Lower Upper
164 100
162 100.6 81.2 121.8
160 46.0 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 81.679 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120957.D

Acq: 21 Jul 2020 16:46

Instrument :

BNA_F

ClientSampled :

BACK-YARD

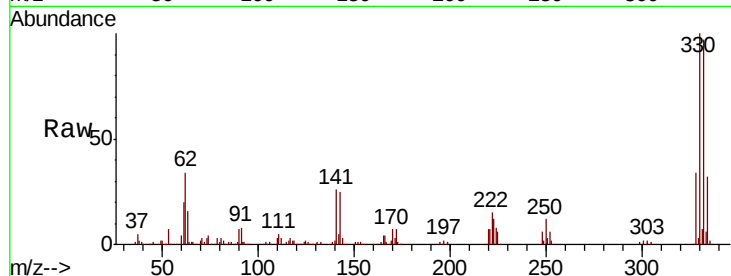
Tot Ion:330 Resp: 322060

Ion Ratio Lower Upper

330 100

332 96.0 75.5 113.3

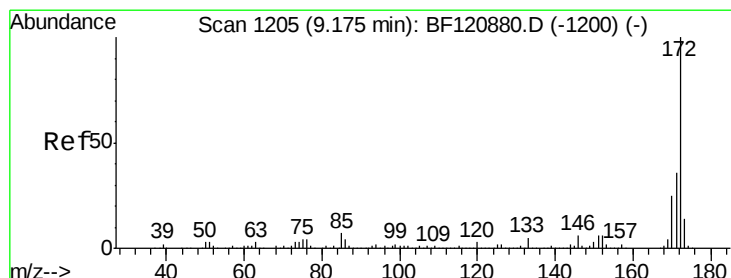
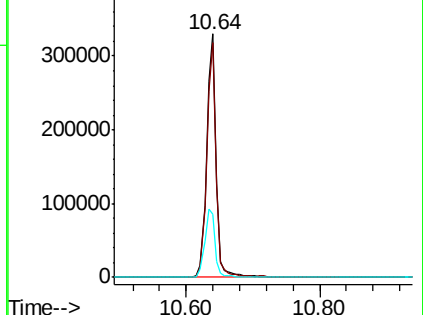
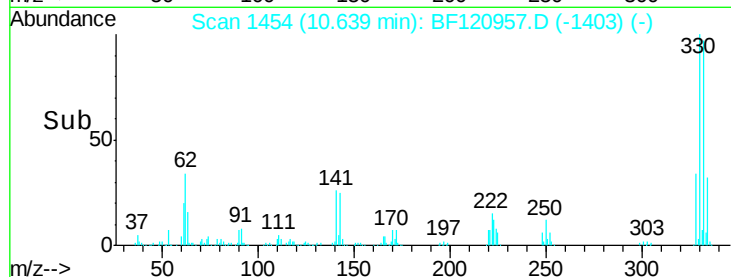
141 30.7 25.7 38.5



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: 41.977 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120957.D

Acq: 21 Jul 2020 16:46

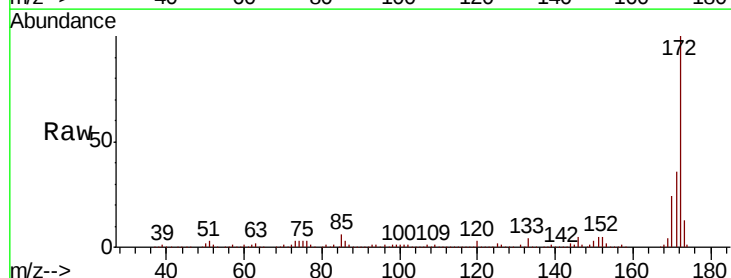
Tgt Ion:172 Resp: 1012775

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.4

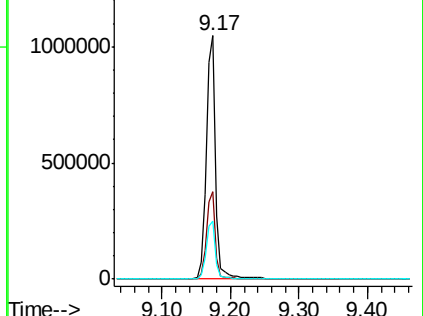
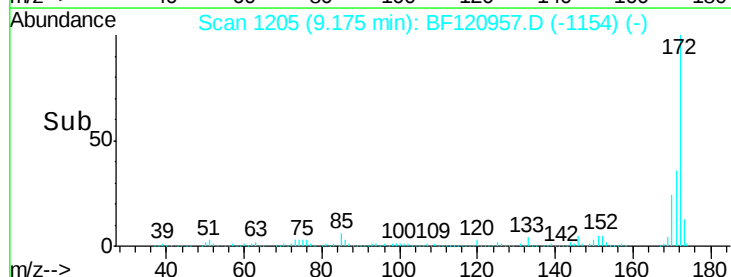
170 24.0 19.6 29.4



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

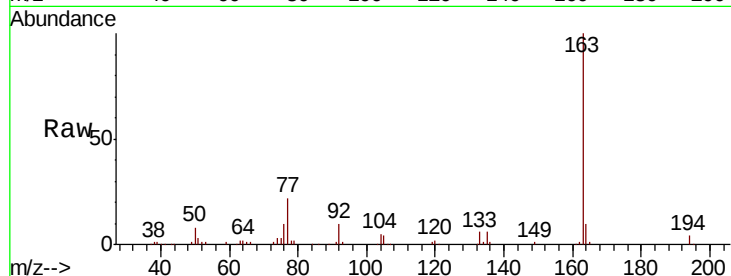




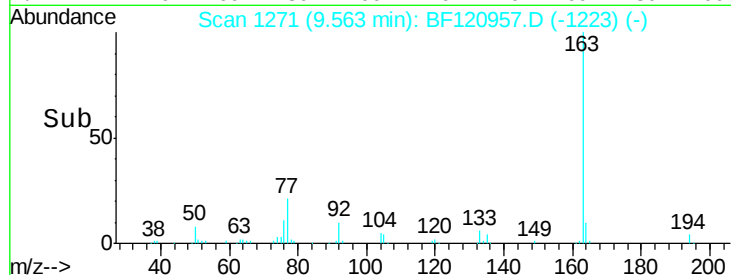
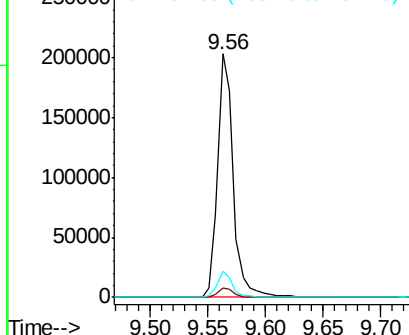
#50
Dimethylphthalate
Concen: 7.391 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Instrument :
BNA_F
ClientSampled :
BACK-YARD

Tot Ion:163 Resp: 192090
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.4 7.9 11.9

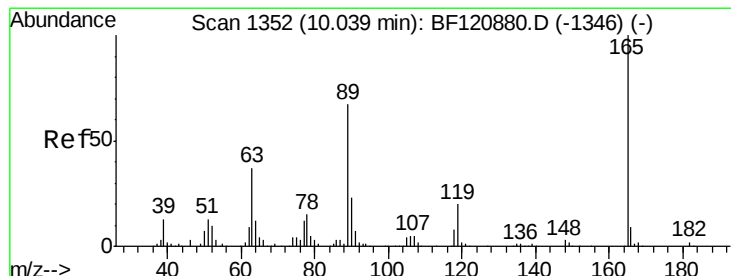


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

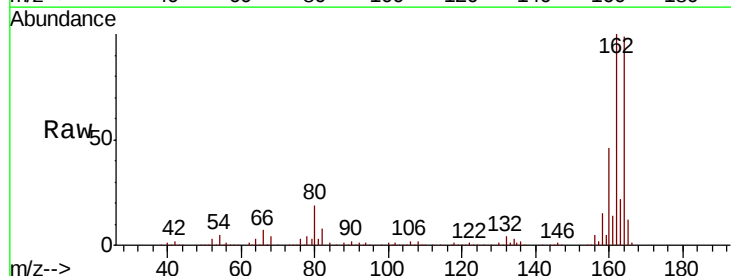
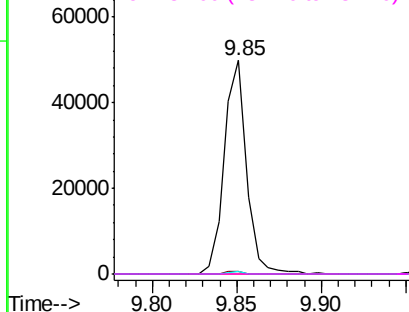


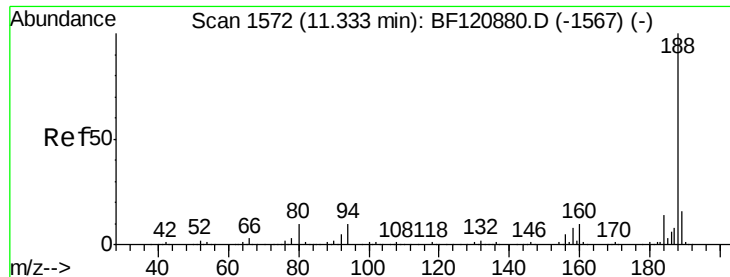
#57
2,4-Dinitrotoluene
Concen: 6.238 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF120957.D
Acq: 21 Jul 2020 16:46

Tgt Ion:165 Resp: 45740
Ion Ratio Lower Upper
165 100
63 1.1 29.4 44.2#
89 1.1 53.4 80.0#
182 0.0 1.8 2.6#



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: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF120957.D

Acq: 21 Jul 2020 16:46

Instrument :

BNA_F

ClientSampleId :

BACK-YARD

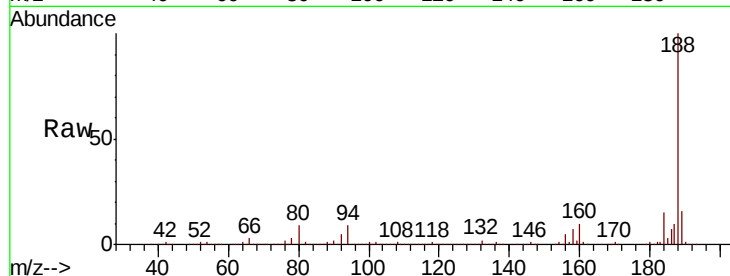
Tot Ion:188 Resp: 692381

Ion Ratio Lower Upper

188 100

94 9.3 8.0 12.0

80 9.4 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

11.33

800000

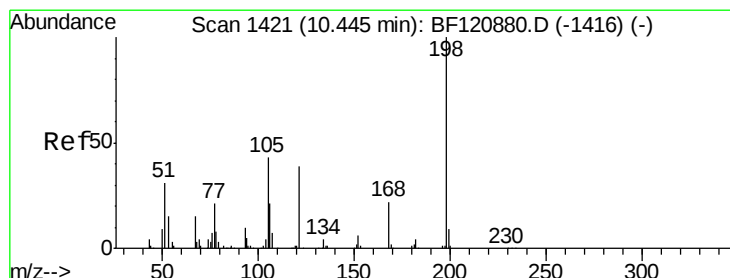
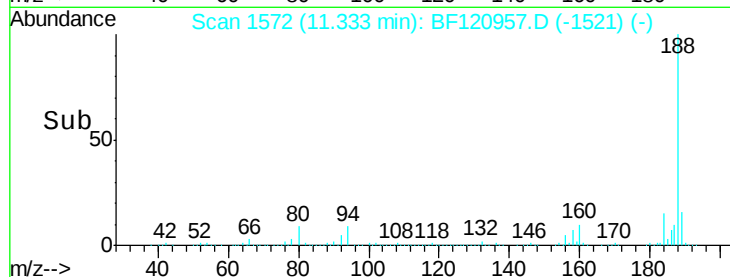
600000

400000

200000

0

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 3.994 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.19 min

Lab File: BF120957.D

Acq: 21 Jul 2020 16:46

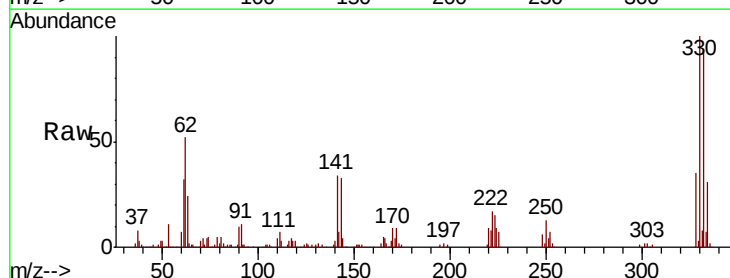
Tgt Ion:198 Resp: 659

Ion Ratio Lower Upper

198 100

51 134.7 19.5 59.5#

105 176.2 24.4 64.4#



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

2000

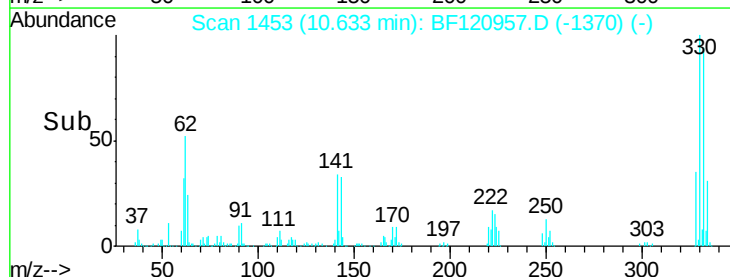
1500

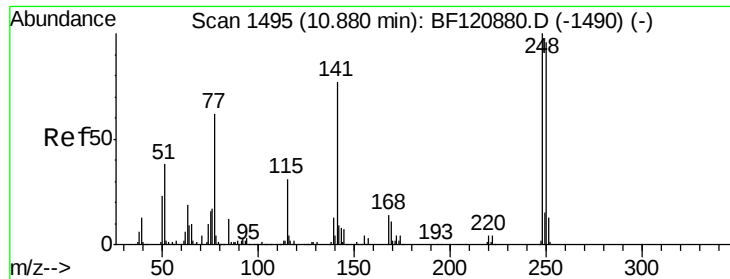
1000

500

0

Time-->

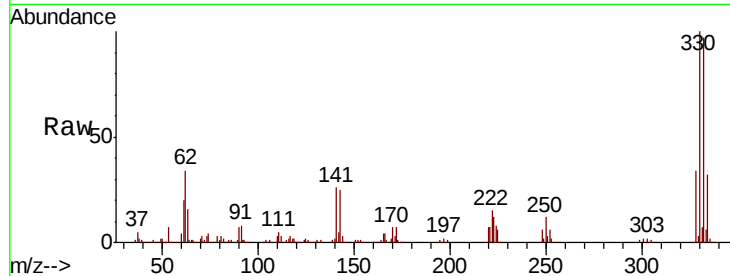




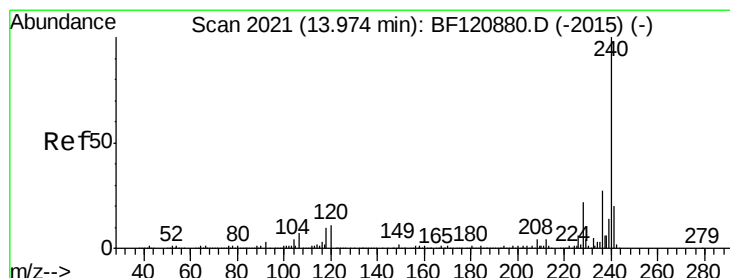
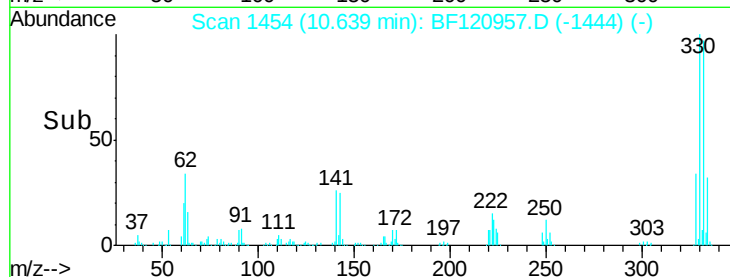
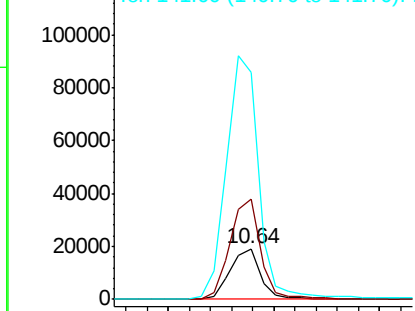
#67
 4-Bromophenyl-phenylether
 Concen: 2.449 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF120957.D
 Acq: 21 Jul 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 BACK-YARD

Tot Ion:248 Resp: 18902
 Ion Ratio Lower Upper
 248 100
 250 199.2 77.1 115.7#
 141 450.3 61.2 91.8#

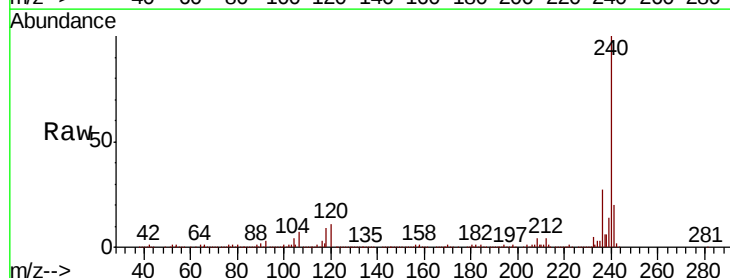


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

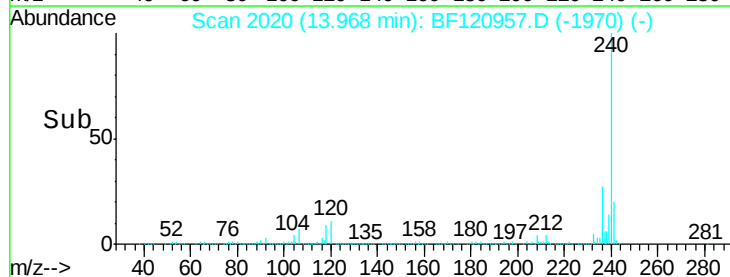
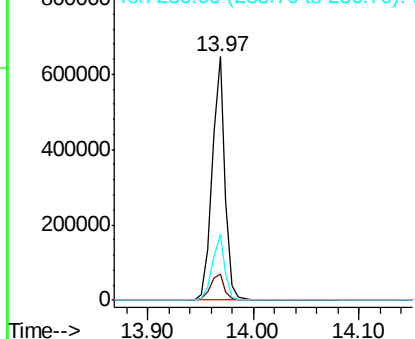


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF120957.D
 Acq: 21 Jul 2020 16:46

Tgt Ion:240 Resp: 553330
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.0 13.4
 236 26.8 21.7 32.5



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

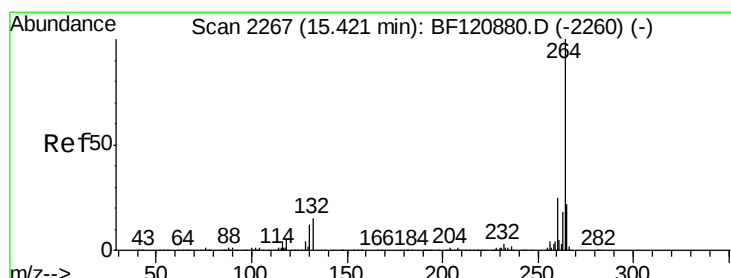
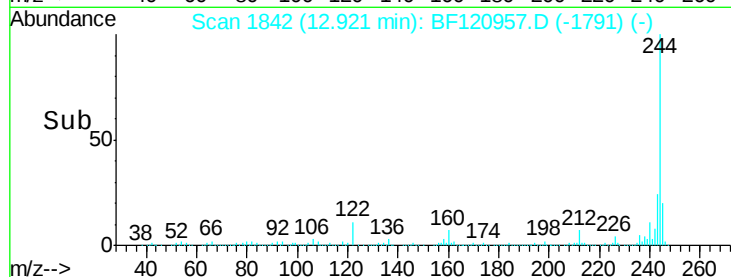
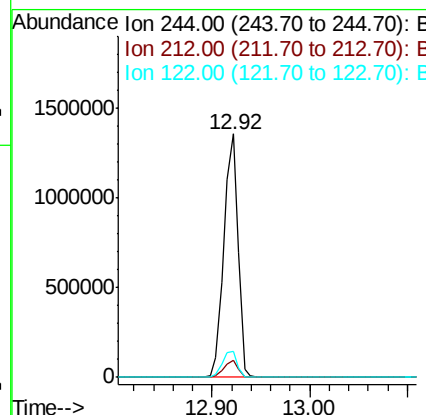
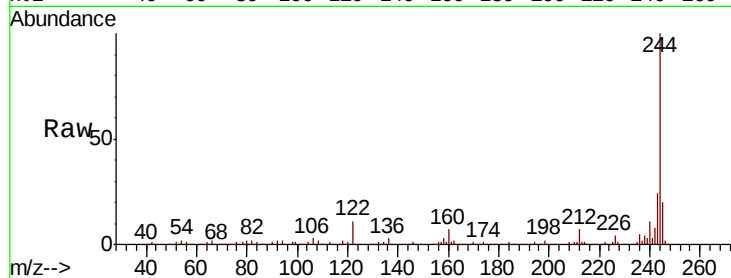




#79
 Terphenyl-d14
 Concen: 53.713 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120957.D
 Acq: 21 Jul 2020 16:46

Instrument :
 BNA_F
 ClientSampleId :
 BACK-YARD

Tot Ion:244 Resp: 1367257
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.9 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF120957.D
 Acq: 21 Jul 2020 16:46

Tgt Ion:264 Resp: 449291
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.0 30.0
 265 21.8 17.4 26.2

