

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
 Data File : BF120963.D
 Acq On : 22 Jul 2020 14:21
 Operator : JU/CG
 Sample : PB130393BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130393BL

Quant Time: Jul 22 17:11:17 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	168142	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	636241	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	328731	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	627133	20.00	ng	0.00
76) Chrysene-d12	13.97	240	522743	20.00	ng	0.00
86) Perylene-d12	15.42	264	478416	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1125906	109.77	ng	0.01
7) Phenol-d6	6.45	99	1357708	102.48	ng	0.00
23) Nitrobenzene-d5	7.37	82	843202	76.69	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	397195	110.38	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1562970	70.99	ng	0.00
79) Terphenyl-d14	12.92	244	1594271	66.30	ng	0.00

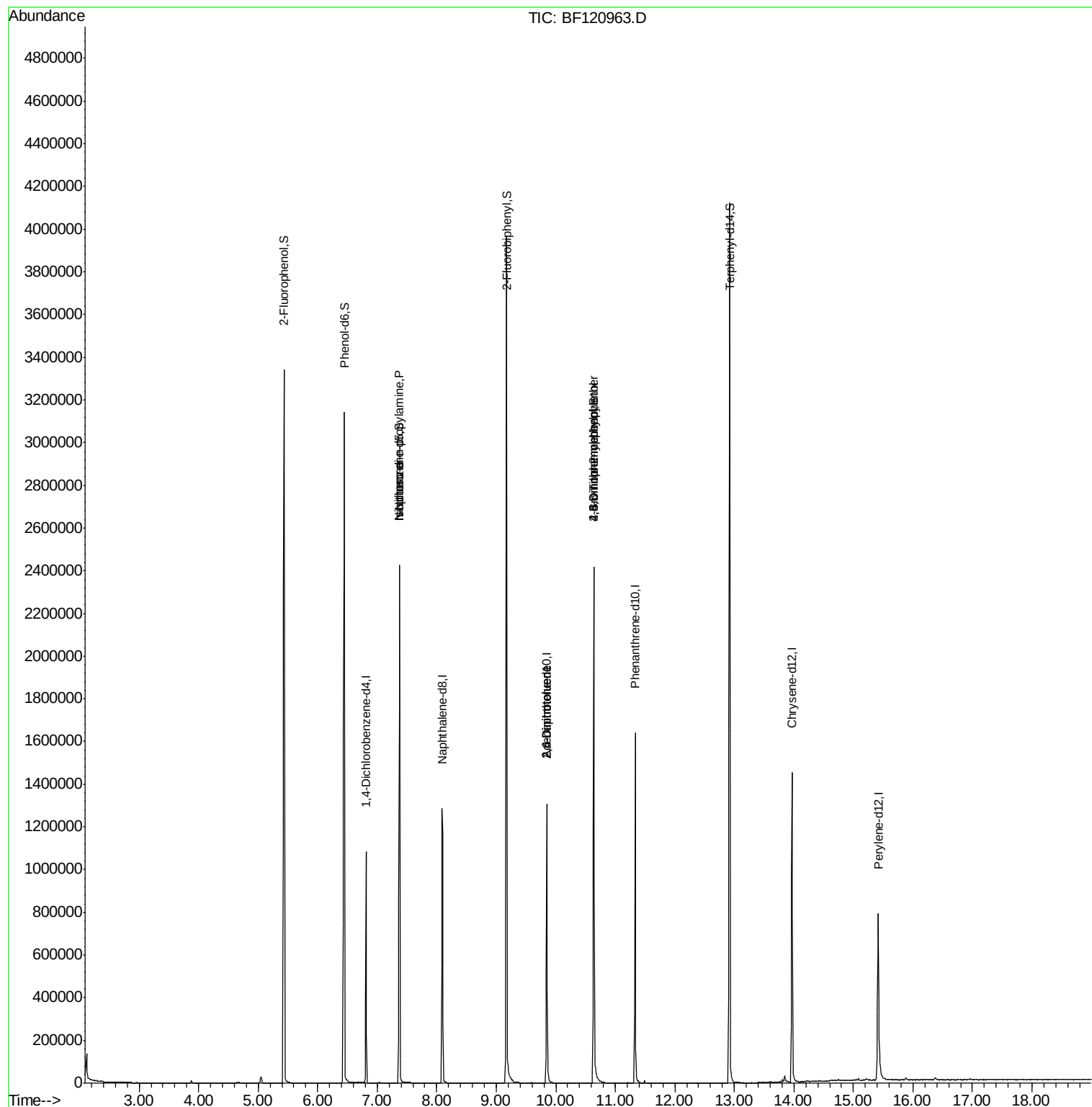
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	1794	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.37	70	112250	14.900	ng	# 76
25) Isophorone	7.37	82	843189	38.423	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	42100	8.263	ng	# 23
57) 2,4-Dinitrotoluene	9.85	165	42101	6.292	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.64	198	856	4.059	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	21996	3.146	ng	# 1

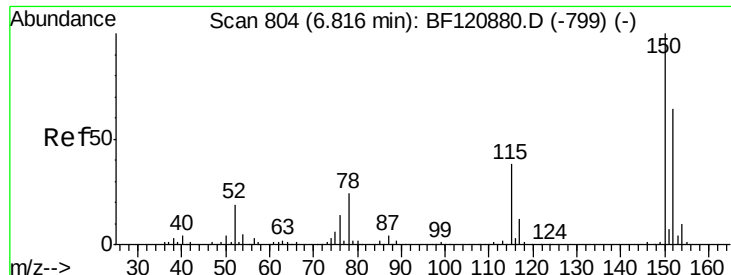
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
Data File : BF120963.D
Acq On : 22 Jul 2020 14:21
Operator : JU/CG
Sample : PB130393BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB130393BL

Quant Time: Jul 22 17:11:17 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



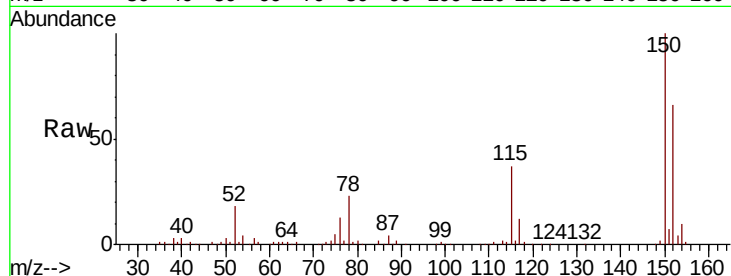


#1

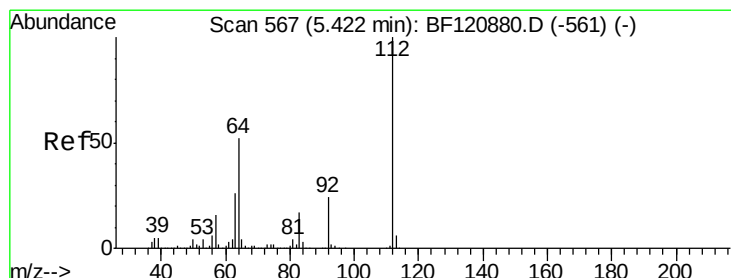
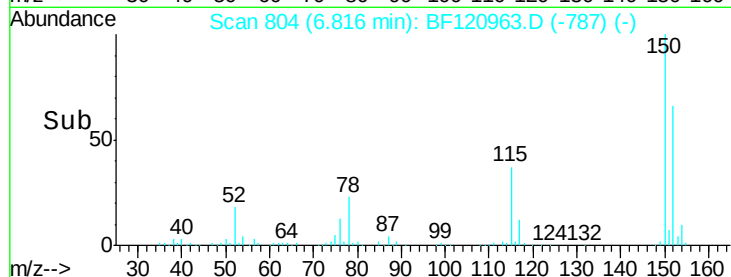
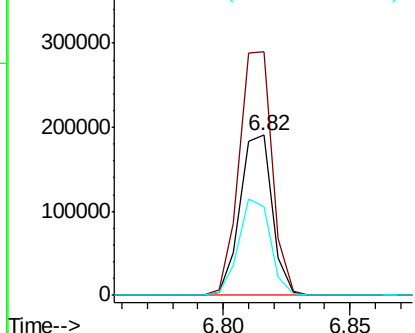
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120963.D
Acq: 22 Jul 2020 14:21

Instrument :
BNA_F
ClientSampleId :
PB130393BL

Tot Ion:152 Resp: 168142
Ion Ratio Lower Upper
152 100
150 152.2 125.0 187.6
115 55.7 47.0 70.4



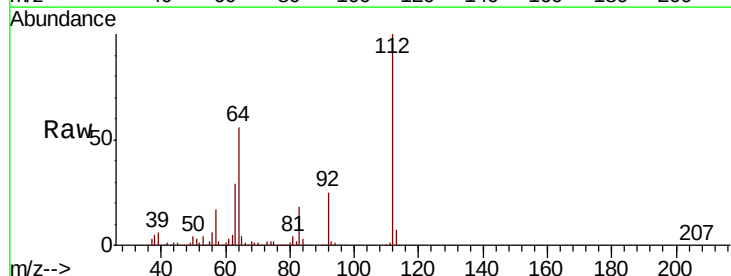
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



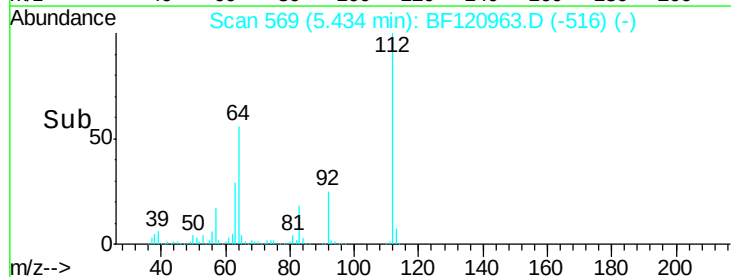
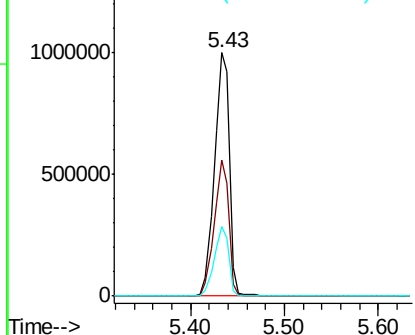
#5

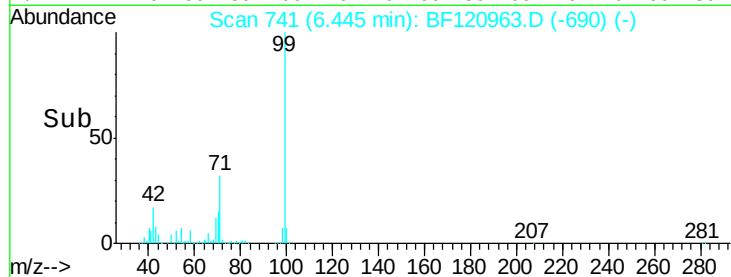
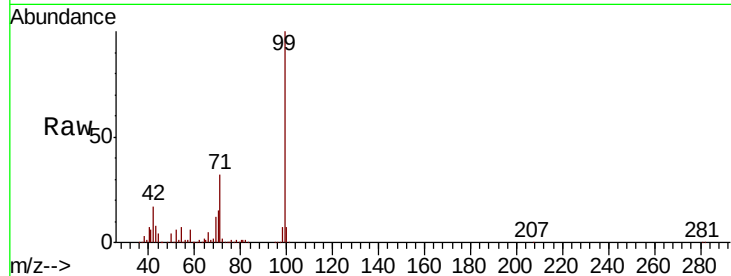
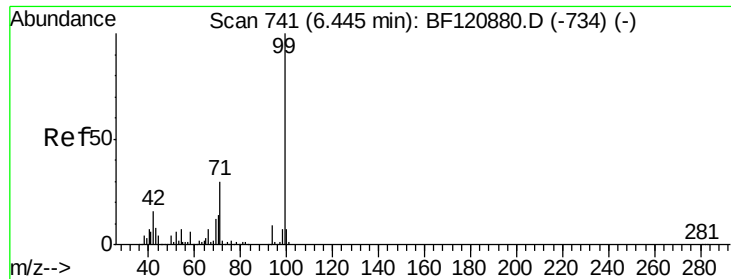
2-Fluorophenol
Concen: 109.774 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120963.D
Acq: 22 Jul 2020 14:21

Tgt Ion:112 Resp: 1125906
Ion Ratio Lower Upper
112 100
64 55.7 41.3 61.9
63 28.7 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: 102.477 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120963.D

Acq: 22 Jul 2020 14:21

Instrument :

BNA_F

ClientSampleId :

PB130393BL

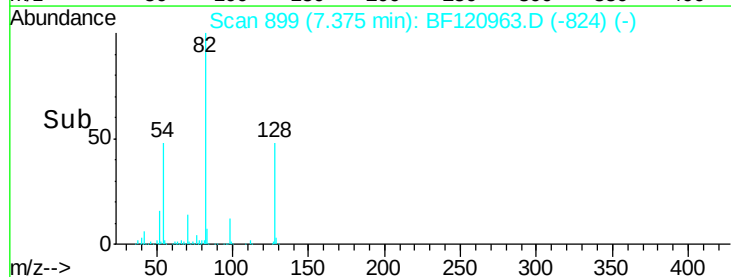
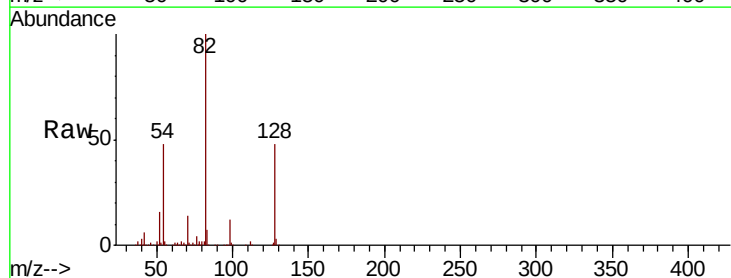
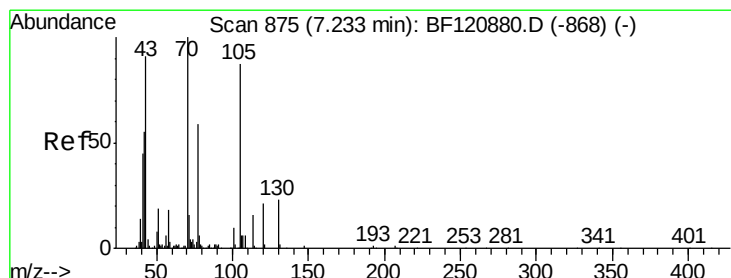
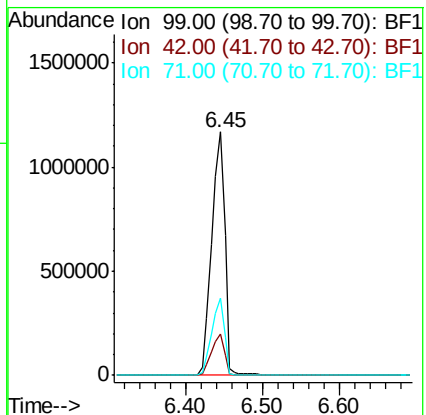
Tot Ion: 99 Resp: 1357708

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

71 31.7 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.900 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120963.D

Acq: 22 Jul 2020 14:21

Tgt Ion: 70 Resp: 112250

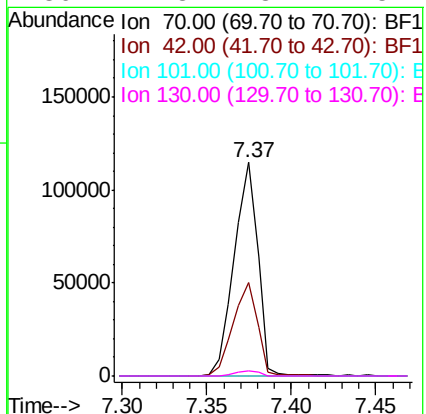
Ion Ratio Lower Upper

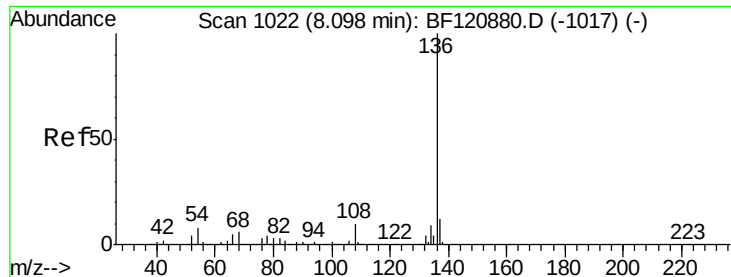
70 100

42 43.6 44.0 66.0#

101 0.0 7.8 11.6#

130 2.3 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120963.D

Acq: 22 Jul 2020 14:21

Instrument :

BNA_F

ClientSampleId :

PB130393BL

Tot Ion:136 Resp: 636241

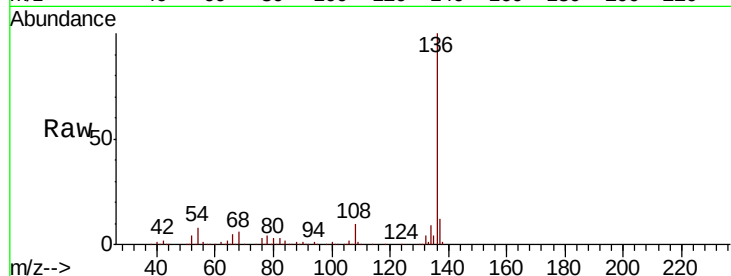
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 7.7 6.3 9.5

68 5.9 5.0 7.4

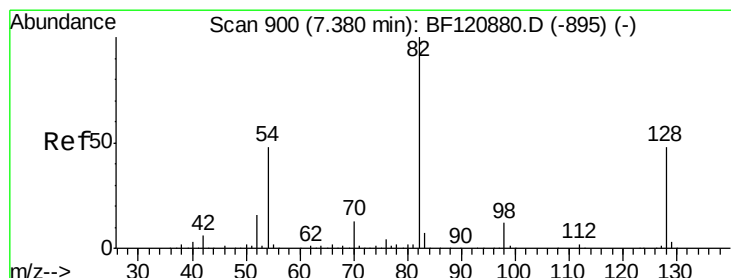
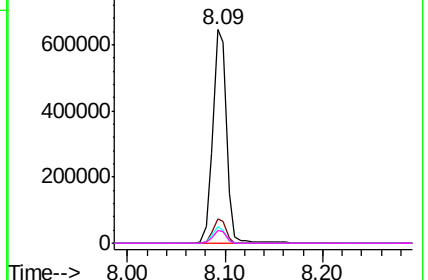
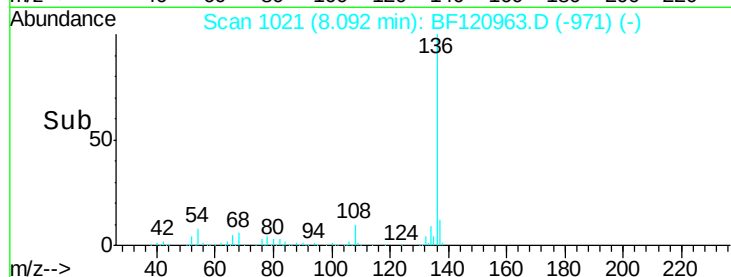


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.685 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120963.D

Acq: 22 Jul 2020 14:21

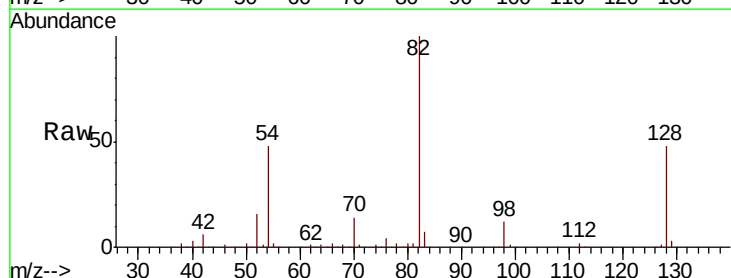
Tgt Ion: 82 Resp: 843202

Ion Ratio Lower Upper

82 100

128 47.6 38.2 57.4

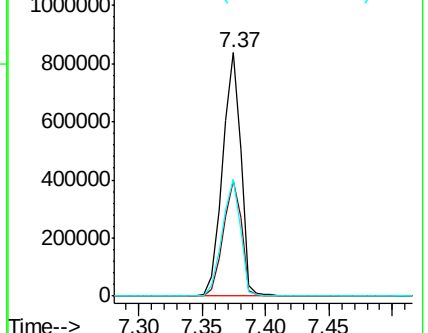
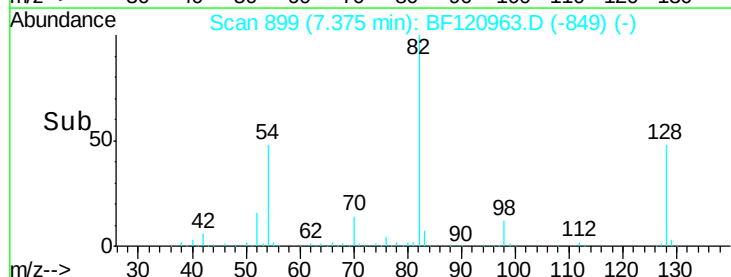
54 47.9 38.7 58.1

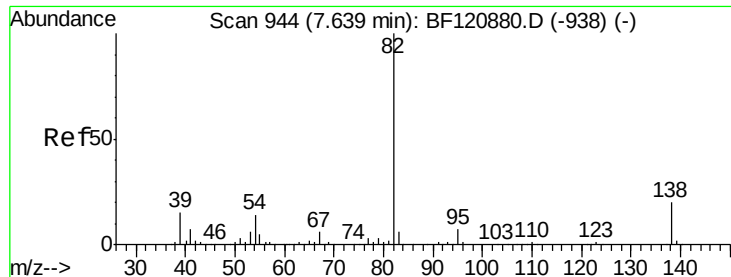


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.423 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120963.D

Acq: 22 Jul 2020 14:21

Instrument :

BNA_F

ClientSampleId :

PB130393BL

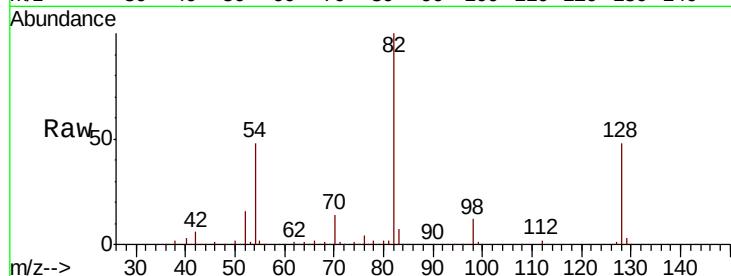
Tot Ion: 82 Resp: 843189

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

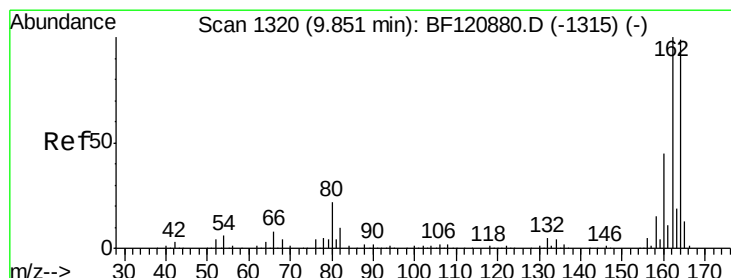
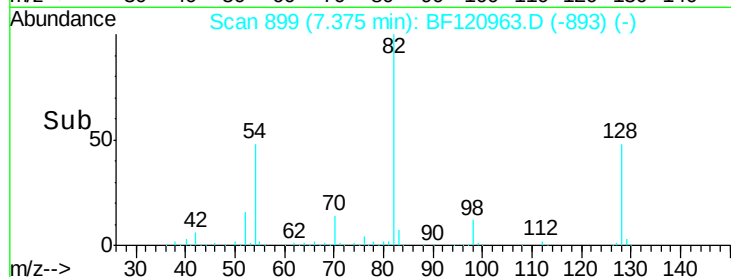
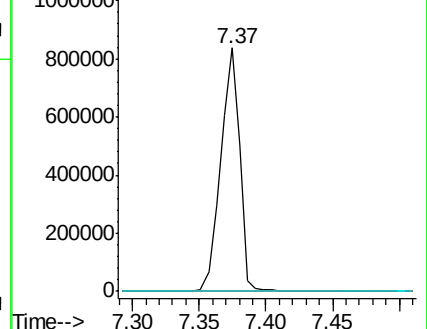
138 0.0 15.6 23.4#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF120963.D

Acq: 22 Jul 2020 14:21

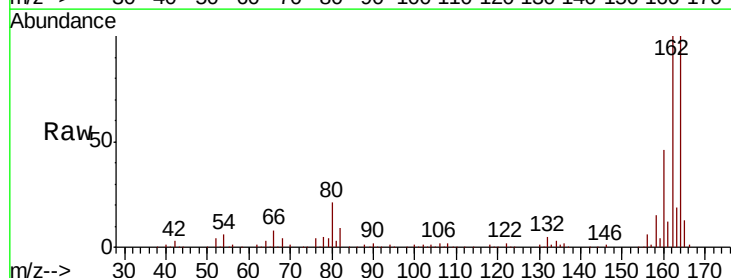
Tgt Ion: 164 Resp: 328731

Ion Ratio Lower Upper

164 100

162 99.7 81.2 121.8

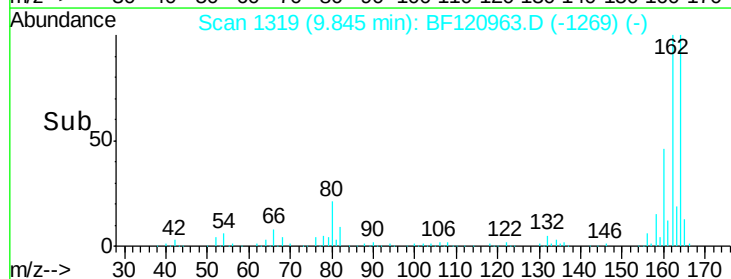
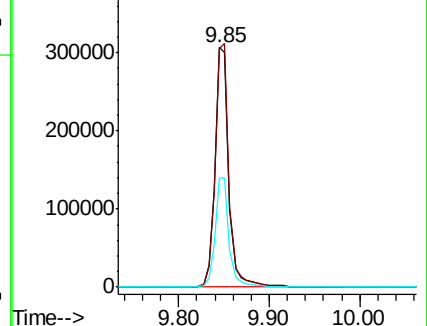
160 45.5 36.9 55.3

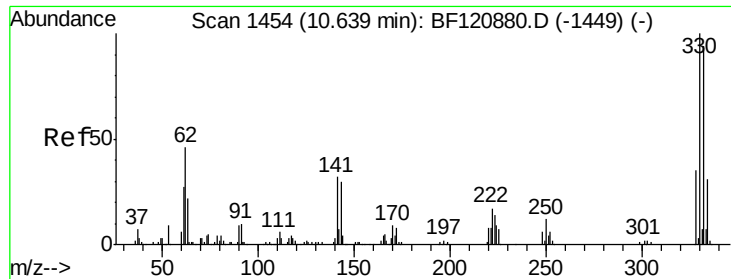


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 110.385 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120963.D

Acq: 22 Jul 2020 14:21

Instrument :

BNA_F

ClientSampleId :

PB130393BL

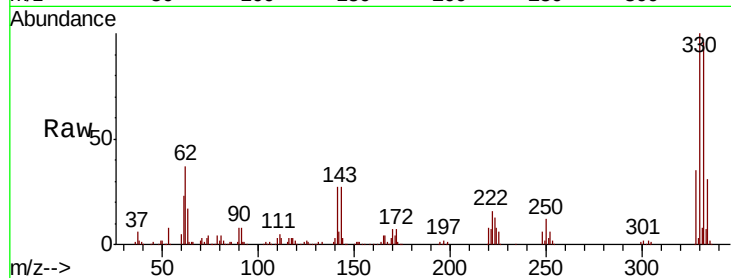
Tot Ion:330 Resp: 397195

Ion Ratio Lower Upper

330 100

332 95.4 75.5 113.3

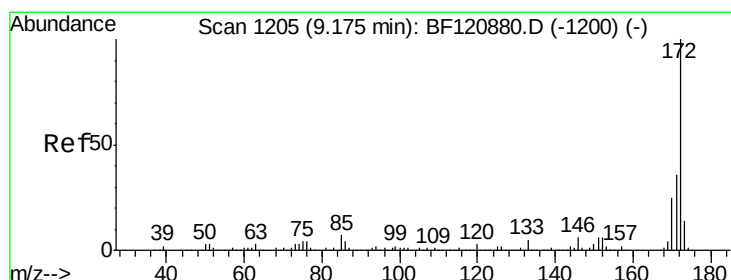
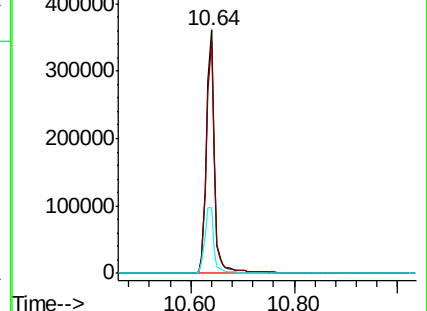
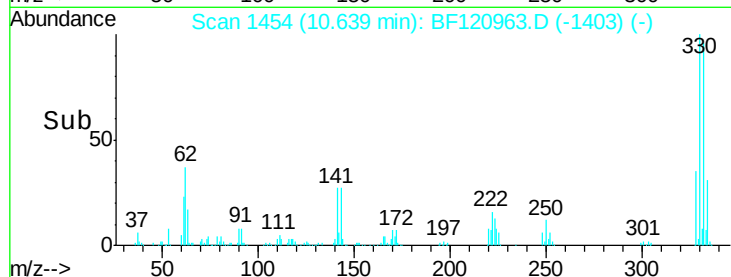
141 30.2 25.7 38.5



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: 70.988 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120963.D

Acq: 22 Jul 2020 14:21

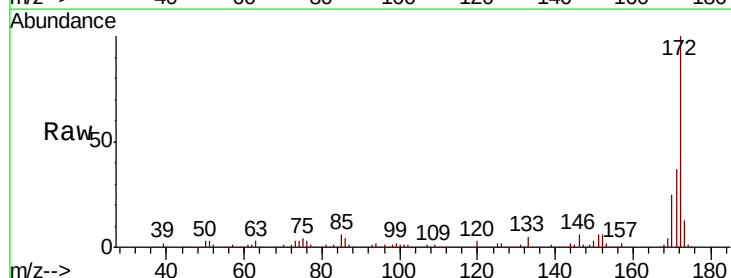
Tgt Ion:172 Resp: 1562970

Ion Ratio Lower Upper

172 100

171 36.6 29.0 43.4

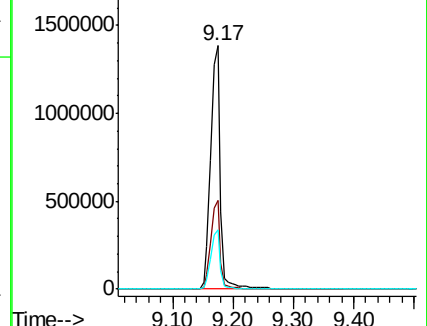
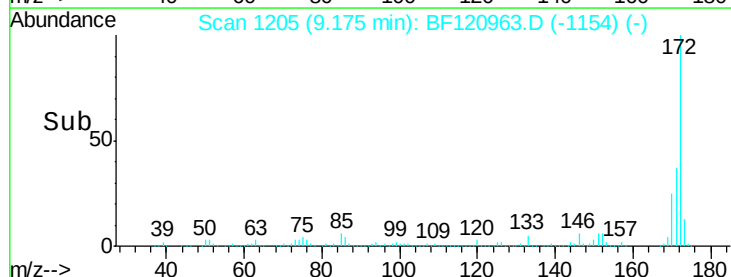
170 24.6 19.6 29.4

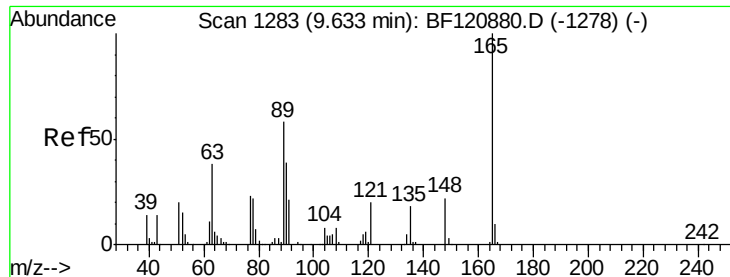


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.263 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF120963.D

Acq: 22 Jul 2020 14:21

Instrument :

BNA_F

ClientSampleId :

PB130393BL

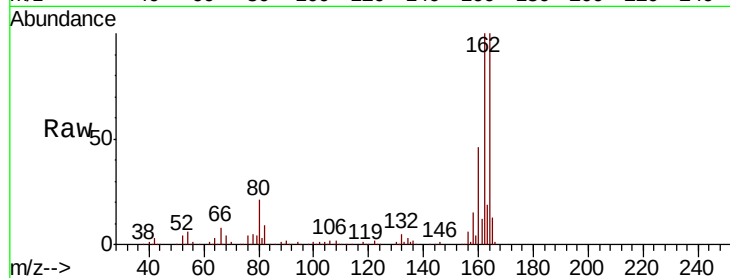
Tot Ion:165 Resp: 42100

Ion Ratio Lower Upper

165 100

63 0.8 45.4 68.2#

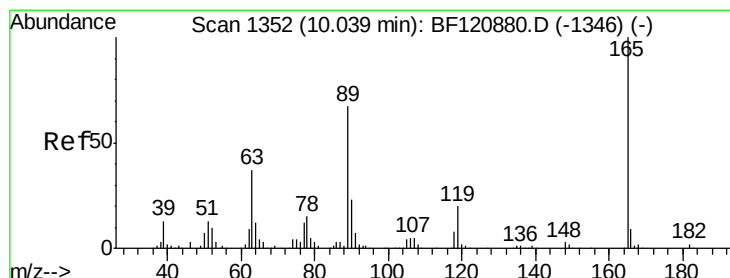
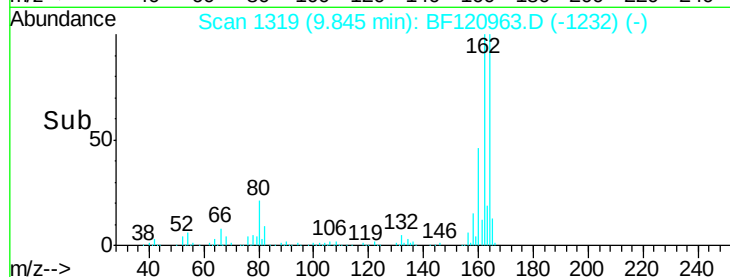
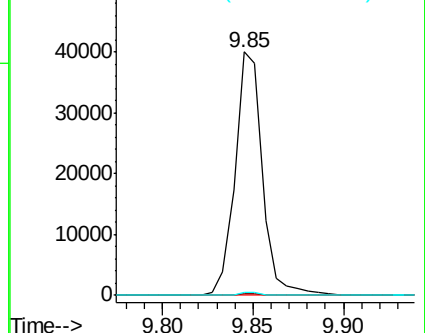
89 1.0 47.0 70.4#



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: 6.292 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.19 min

Lab File: BF120963.D

Acq: 22 Jul 2020 14:21

Tgt Ion:165 Resp: 42101

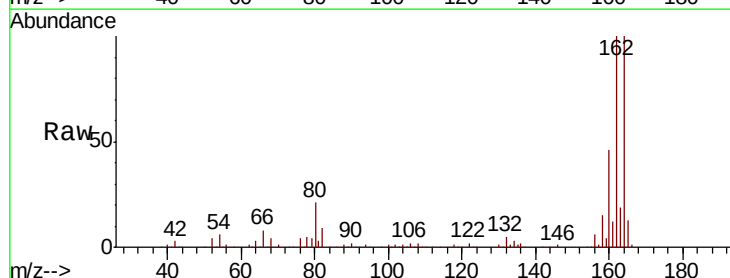
Ion Ratio Lower Upper

165 100

63 0.8 29.4 44.2#

89 1.0 53.4 80.0#

182 0.0 1.8 2.6#

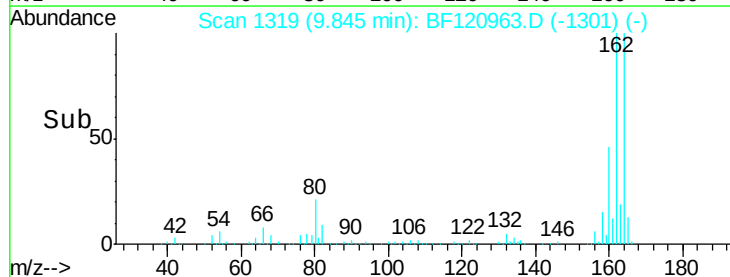
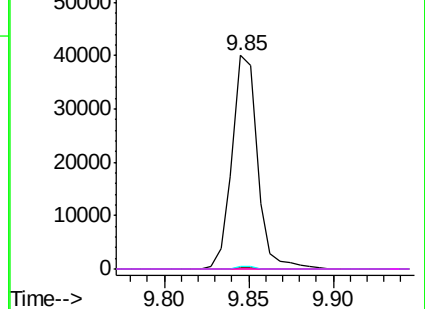


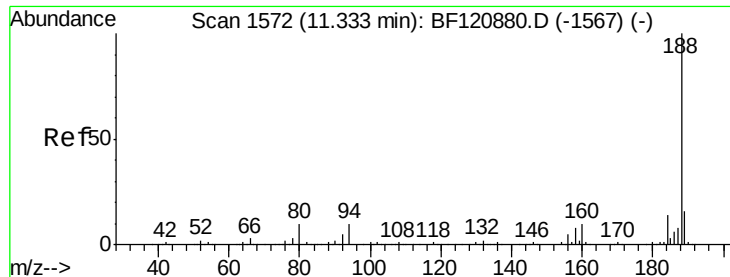
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF120963.D

Acq: 22 Jul 2020 14:21

Instrument :

BNA_F

ClientSampleId :

PB130393BL

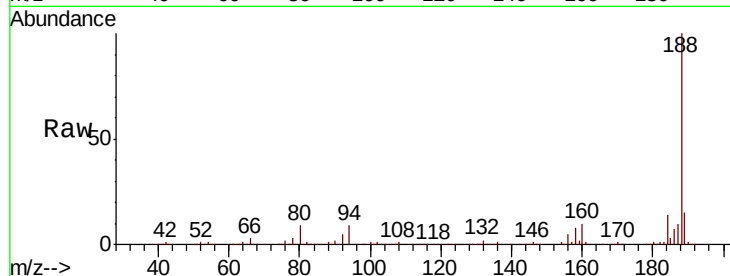
Tot Ion:188 Resp: 627133

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

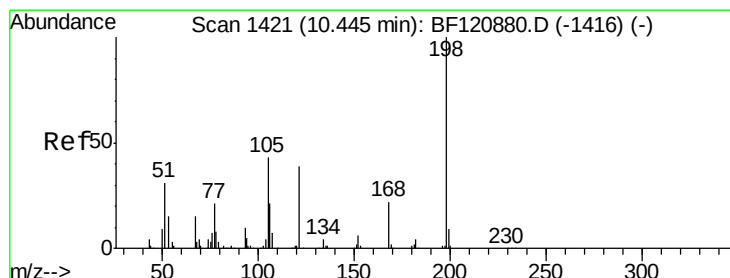
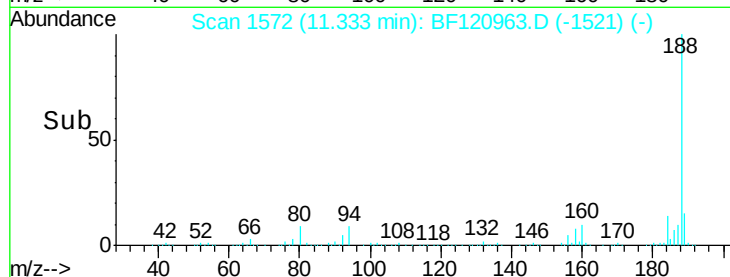
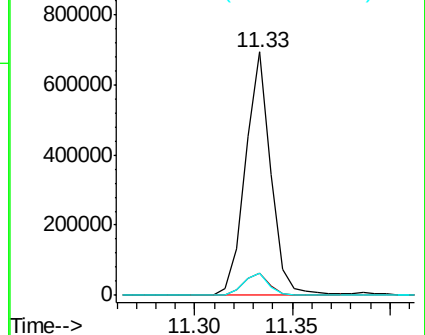
80 9.3 8.3 12.5



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: 4.059 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.19 min

Lab File: BF120963.D

Acq: 22 Jul 2020 14:21

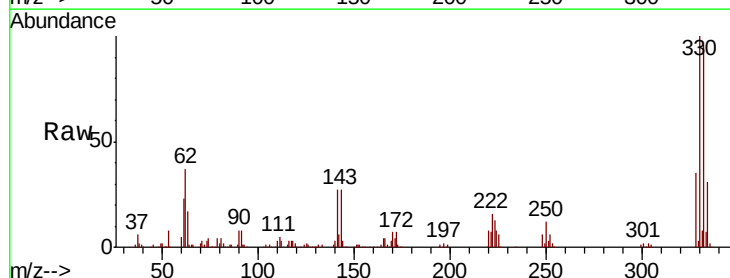
Tgt Ion:198 Resp: 856

Ion Ratio Lower Upper

198 100

51 121.1 19.5 59.5#

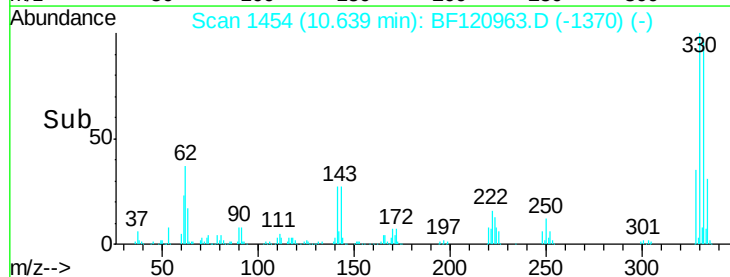
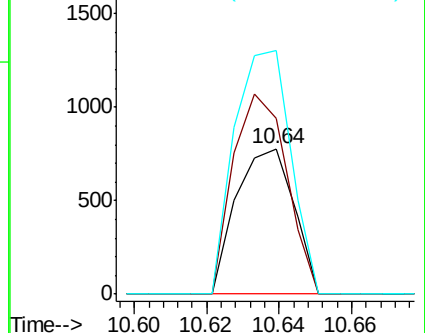
105 167.7 24.4 64.4#

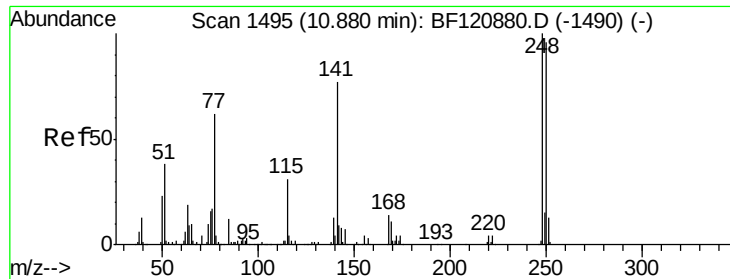


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

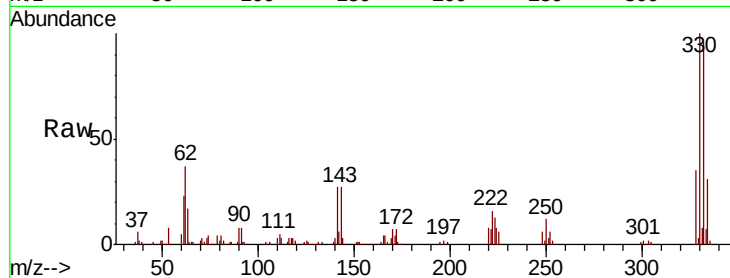




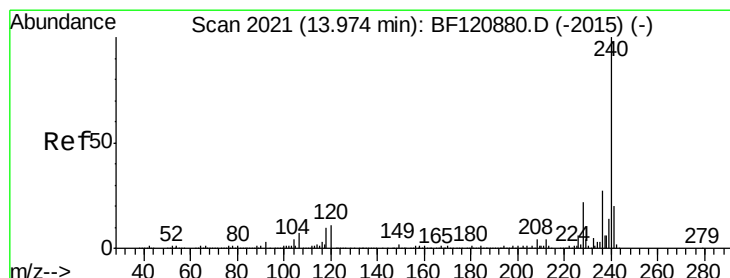
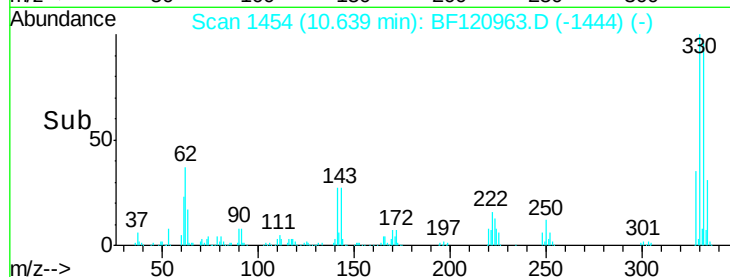
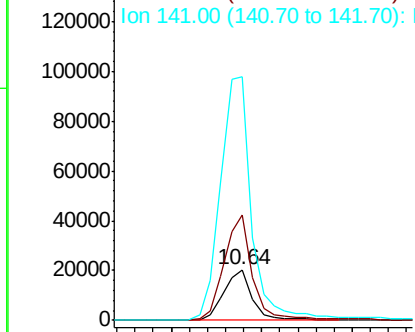
#67
4-Bromophenyl-phenylether
Concen: 3.146 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120963.D
Acq: 22 Jul 2020 14:21

Instrument :
BNA_F
ClientSampleId :
PB130393BL

Tot Ion:248 Resp: 21996
Ion Ratio Lower Upper
248 100
250 206.0 77.1 115.7#
141 478.1 61.2 91.8#

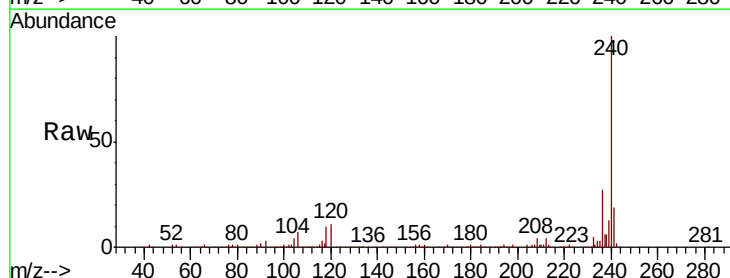


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

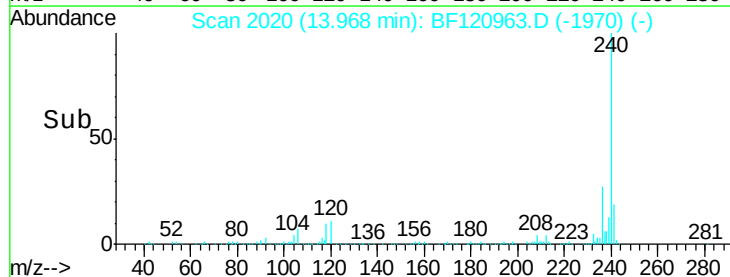
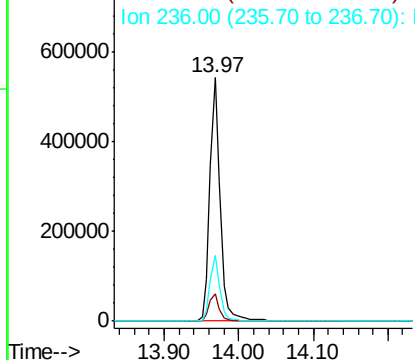


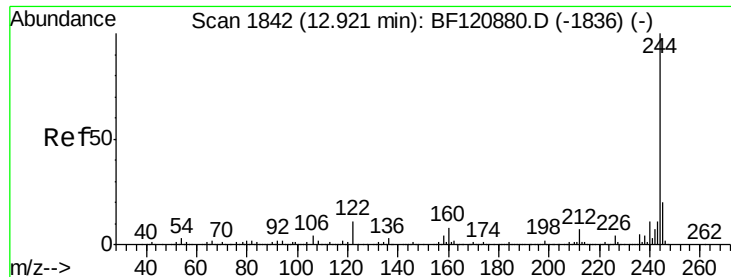
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120963.D
Acq: 22 Jul 2020 14:21

Tgt Ion:240 Resp: 522743
Ion Ratio Lower Upper
240 100
120 11.4 9.0 13.4
236 27.0 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

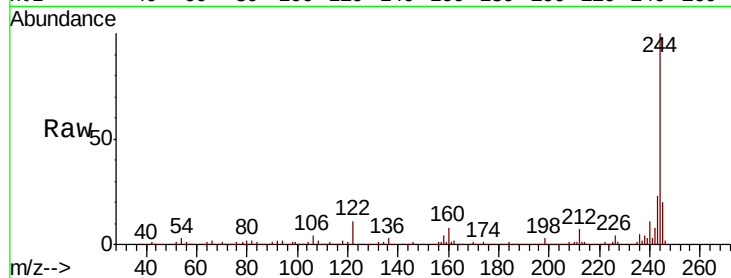




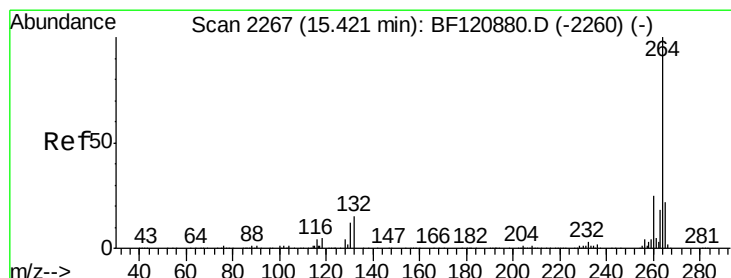
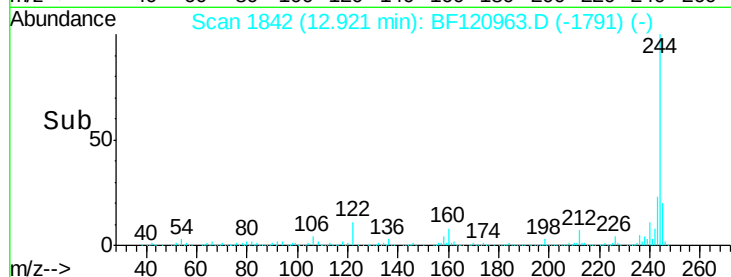
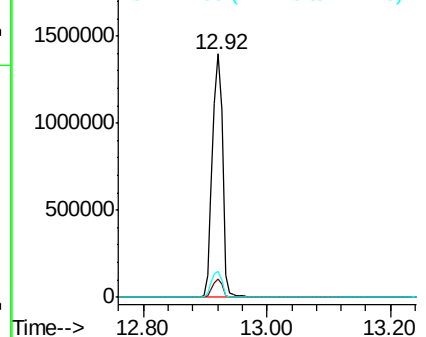
#79
 Terphenyl-d14
 Concen: 66.296 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120963.D
 Acq: 22 Jul 2020 14:21

Instrument :
 BNA_F
 ClientSampleId :
 PB130393BL

Tot Ion:244 Resp: 1594271
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 10.6 8.9 13.3

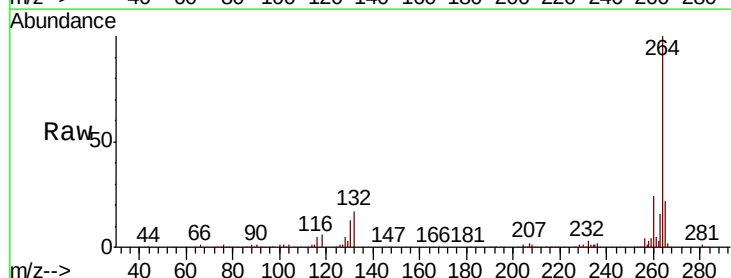


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF120963.D
 Acq: 22 Jul 2020 14:21

Tgt Ion:264 Resp: 478416
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.0 30.0
 265 21.8 17.4 26.2



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

