

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
 Data File : BF120995.D
 Acq On : 23 Jul 2020 22:27
 Operator : JU/CG
 Sample : L3380-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 00:51:08 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	6.81	152	155152	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	576787	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	314834	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	599891	20.00	ng	0.00
76) Chrysene-d12	13.96	240	522082	20.00	ng	-0.01
86) Perylene-d12	15.41	264	470894	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1065658	112.60	ng	0.01
7) Phenol-d6	6.45	99	1151705	94.21	ng	0.00
23) Nitrobenzene-d5	7.37	82	890973	89.38	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	466663	135.41	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1704249	80.82	ng	0.00
79) Terphenyl-d14	12.92	244	1770012	73.70	ng	0.00

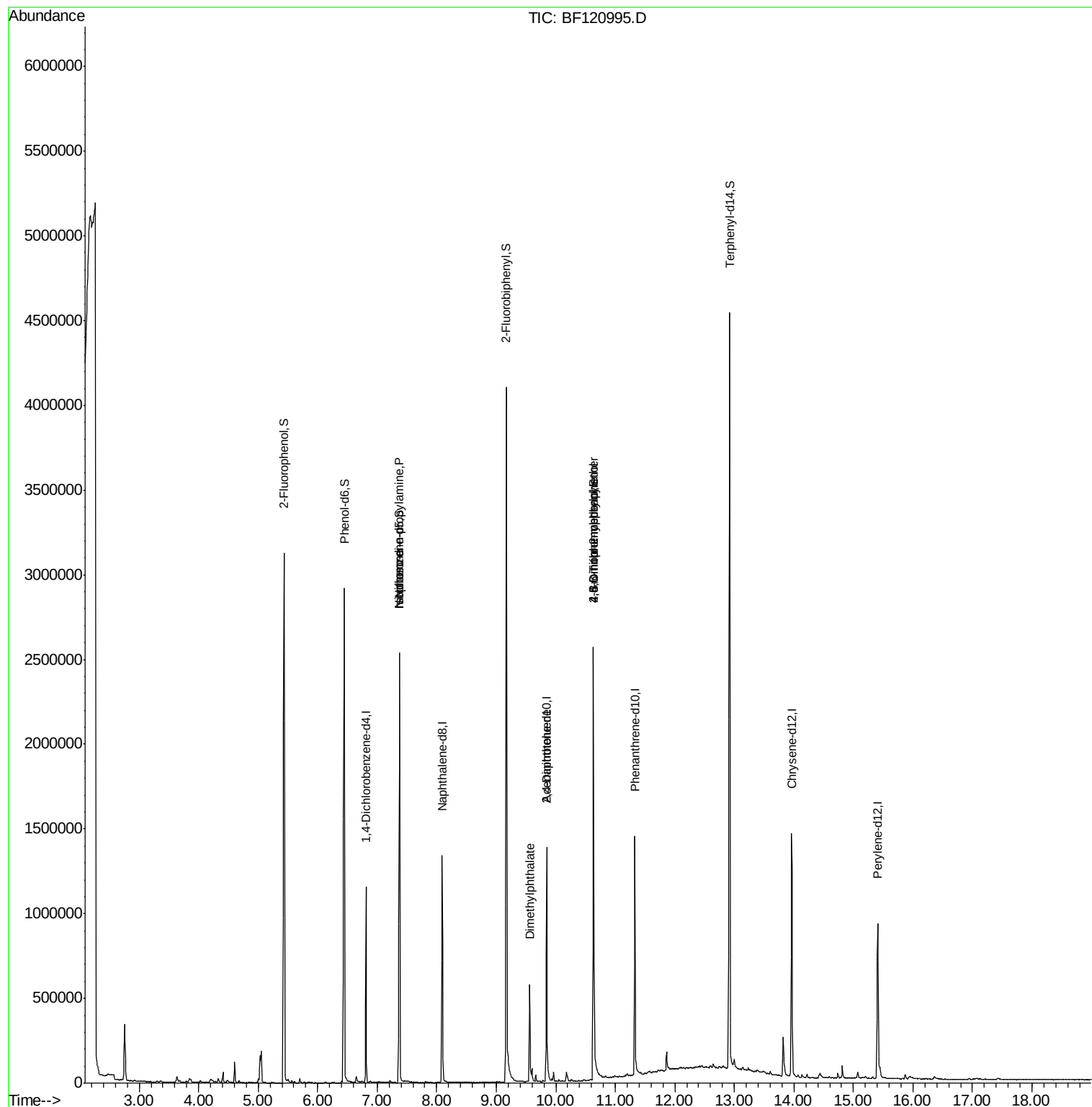
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	1594	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.37	70	117992	16.973	ng	# 78
25) Isophorone	7.37	82	890965	44.785	ng	# 63
50) Dimethylphthalate	9.56	163	264747	11.656	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	39503	6.165	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.63	198	854	4.069	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	26109	3.904	ng	# 1

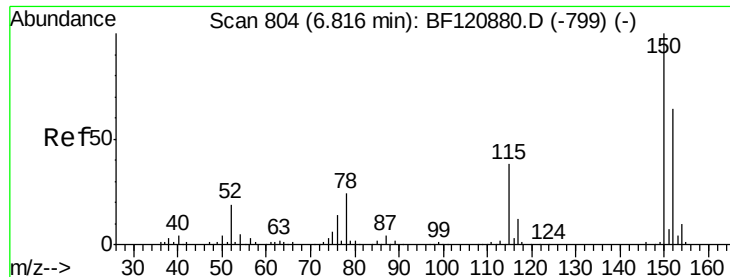
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072320\
Data File : BF120995.D
Acq On : 23 Jul 2020 22:27
Operator : JU/CG
Sample : L3380-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 24 00:51:08 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



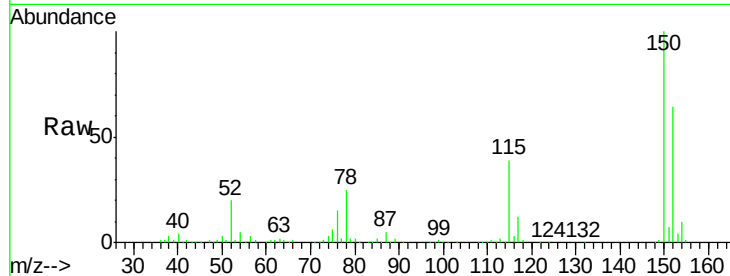


#1

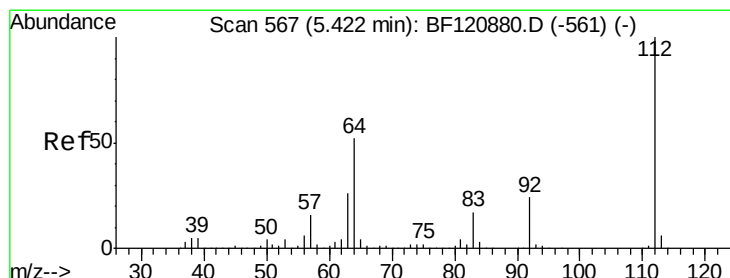
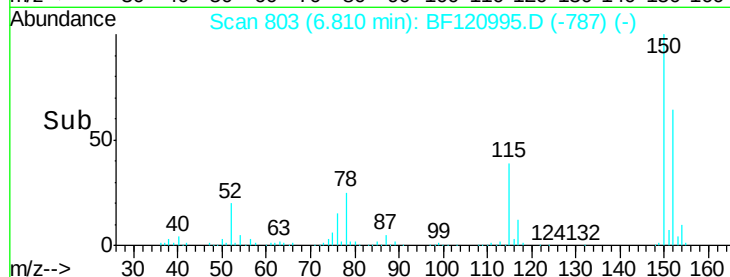
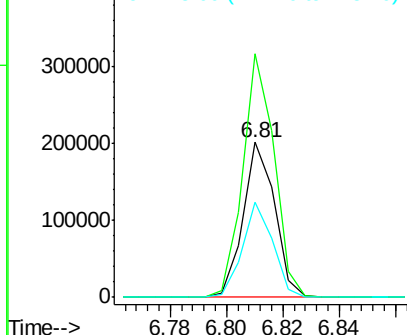
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 155152
Ion Ratio Lower Upper
152 100
150 157.0 125.0 187.6
115 61.2 47.0 70.4



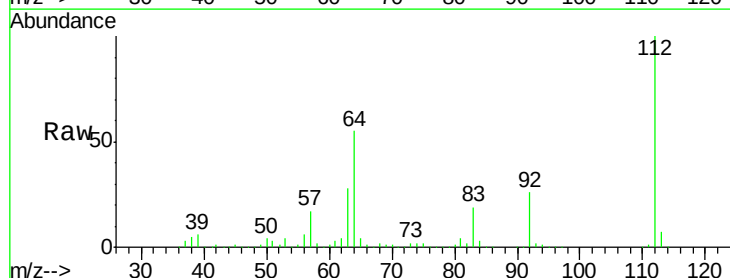
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



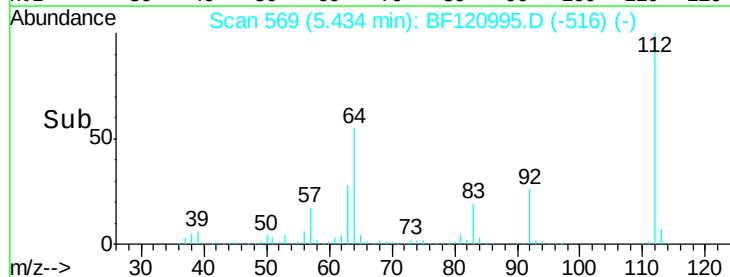
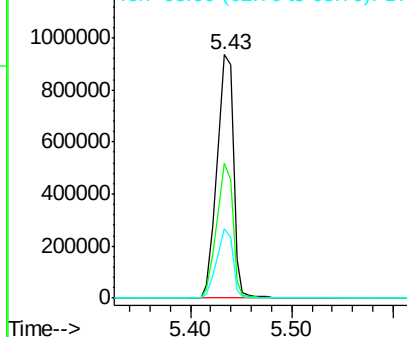
#5

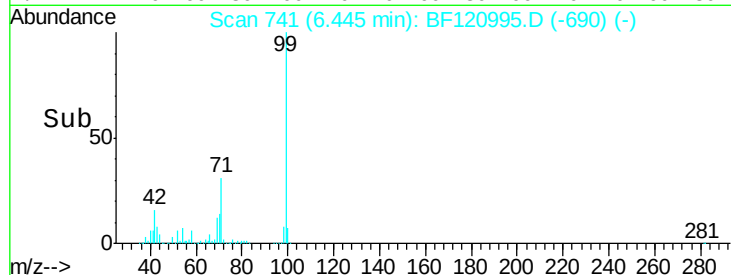
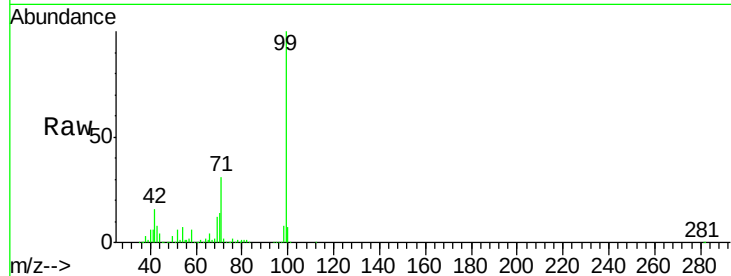
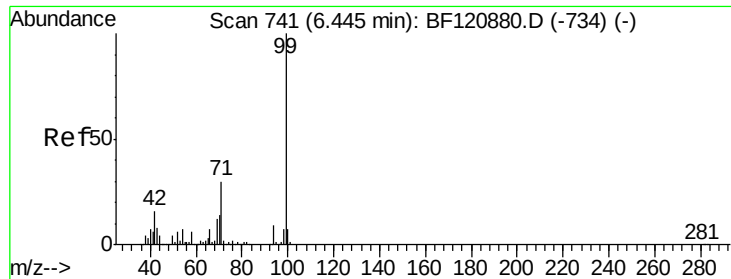
2-Fluorophenol
Concen: 112.599 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Tgt Ion:112 Resp: 1065658
Ion Ratio Lower Upper
112 100
64 55.4 41.3 61.9
63 28.4 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: 94.206 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120995.D

Acq: 23 Jul 2020 22:27

Instrument :

BNA_F

ClientSampleId :

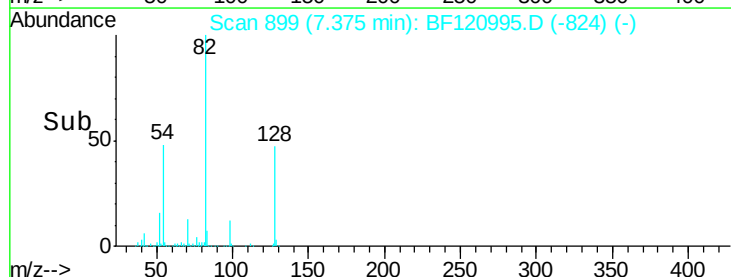
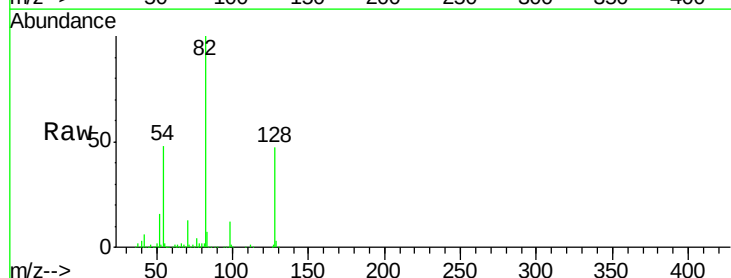
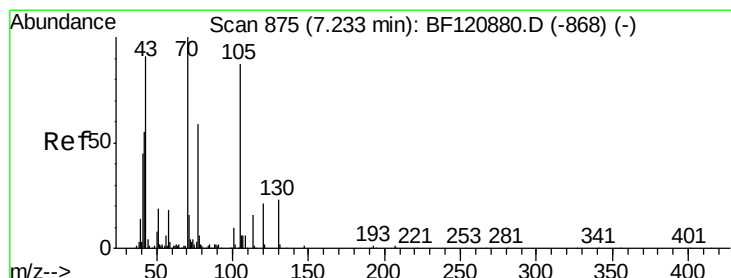
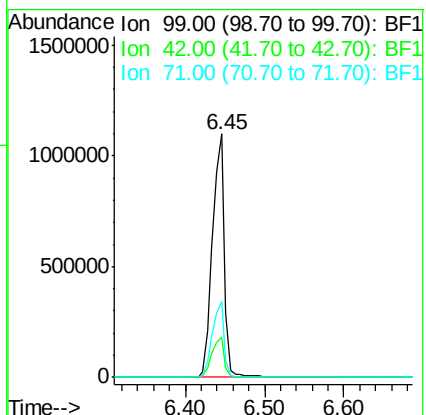
Tot Ion: 99 Resp: 1151705

Ion Ratio Lower Upper

99 100

42 16.3 13.1 19.7

71 31.1 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 16.973 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120995.D

Acq: 23 Jul 2020 22:27

Tgt Ion: 70 Resp: 117992

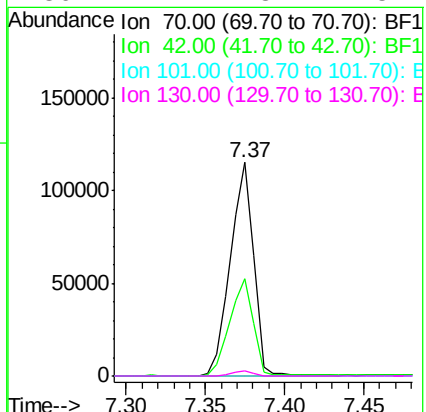
Ion Ratio Lower Upper

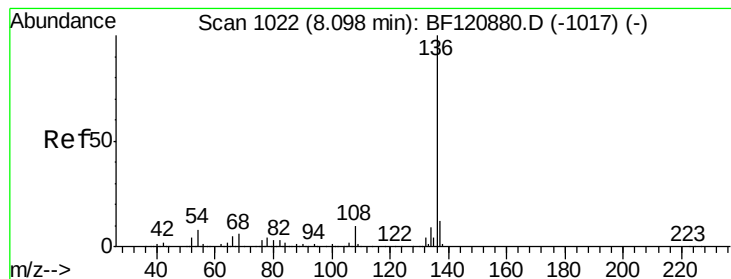
70 100

42 45.8 44.0 66.0

101 0.0 7.8 11.6#

130 2.4 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: BF120995.D

Acq: 23 Jul 2020 22:27

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 576787

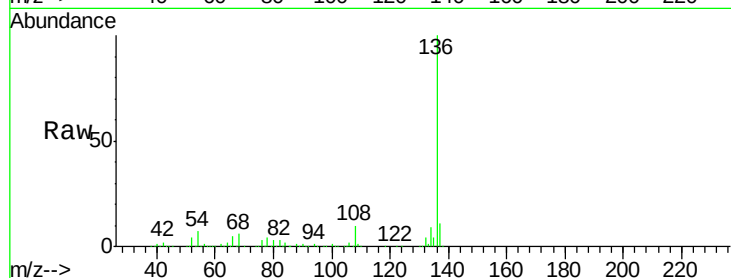
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.4 6.3 9.5

68 6.2 5.0 7.4

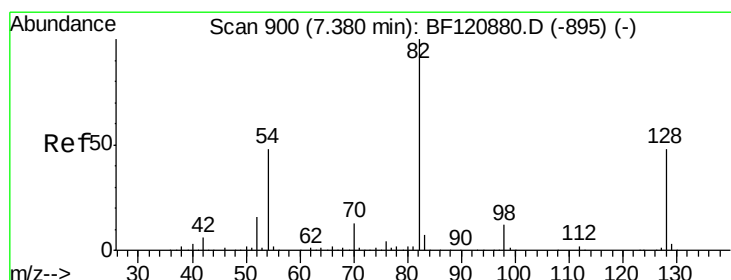
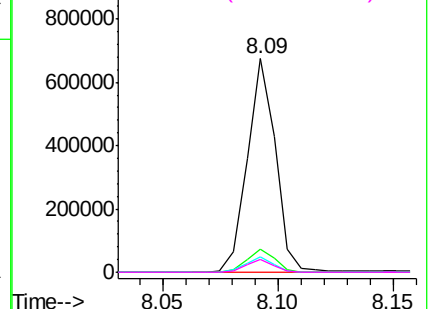
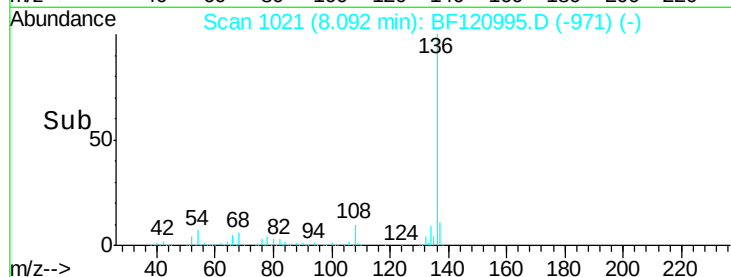


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.382 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120995.D

Acq: 23 Jul 2020 22:27

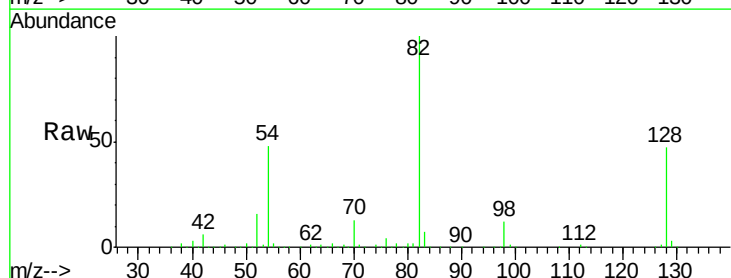
Tgt Ion: 82 Resp: 890973

Ion Ratio Lower Upper

82 100

128 47.2 38.2 57.4

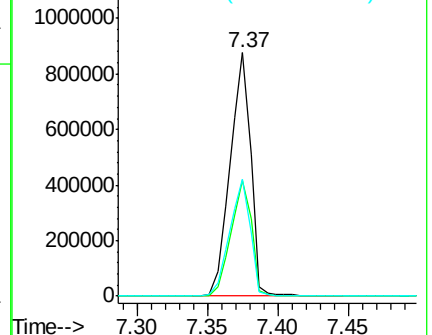
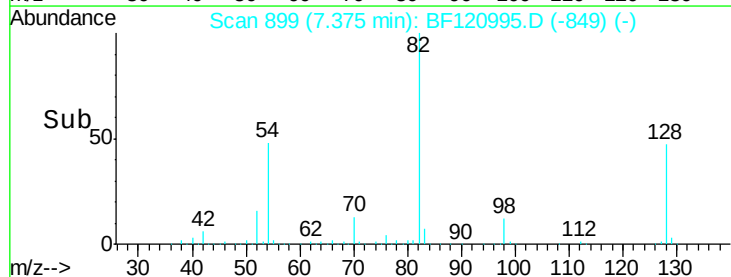
54 48.2 38.7 58.1

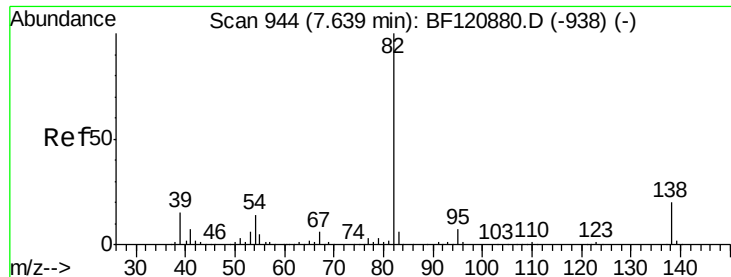


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

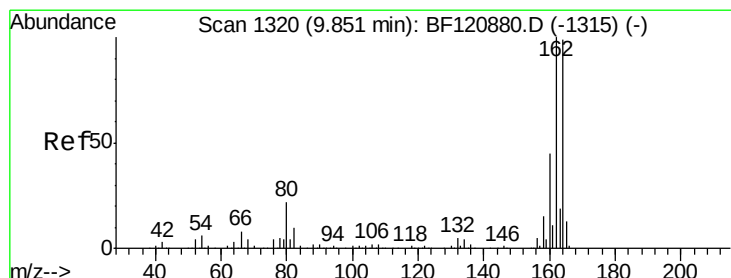
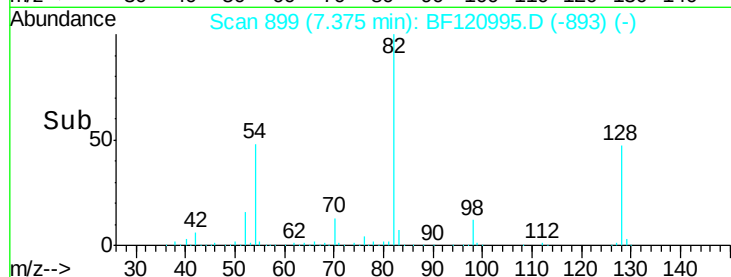
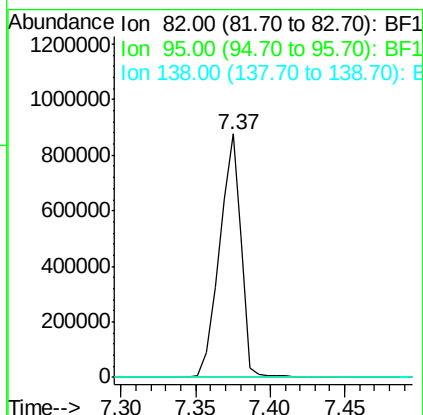
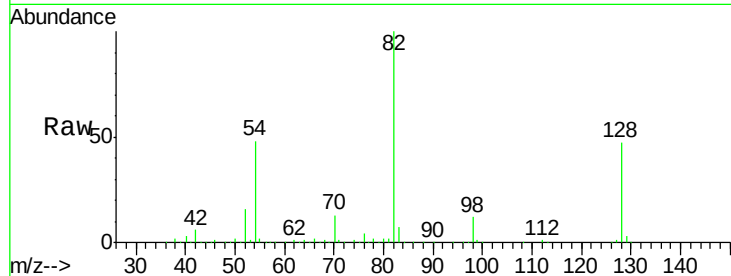




#25
Isophorone
Concen: 44.785 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

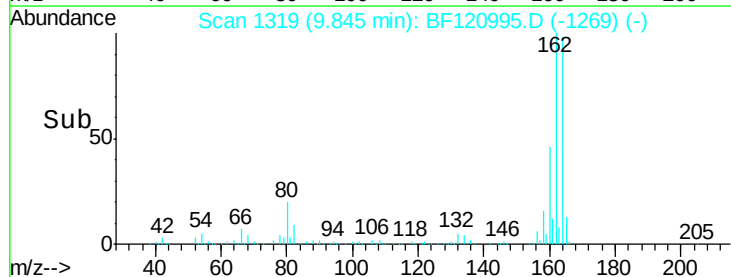
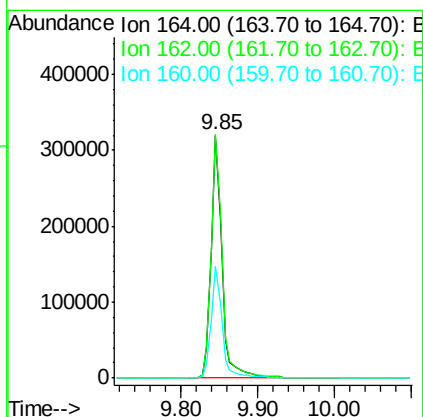
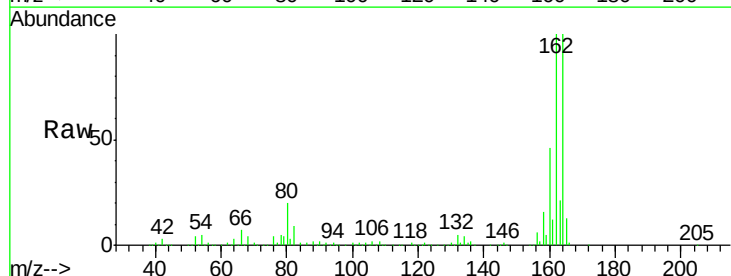
Instrument :
BNA_F
ClientSampled :

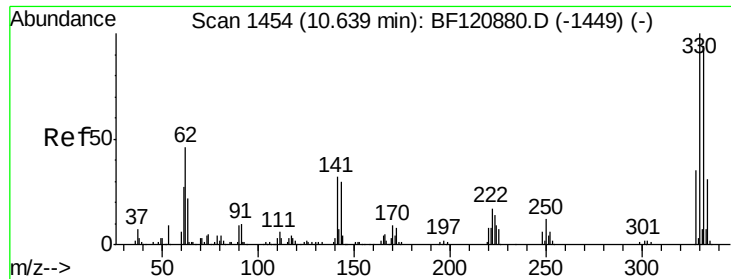
Tot Ion: 82 Resp: 890965
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.6 23.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Tgt Ion: 164 Resp: 314834
Ion Ratio Lower Upper
164 100
162 100.2 81.2 121.8
160 46.0 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 135.415 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120995.D

Acq: 23 Jul 2020 22:27

Instrument :

BNA_F

ClientSampleId :

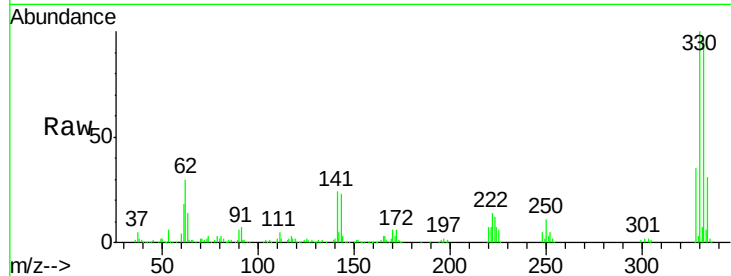
Tot Ion:330 Resp: 466663

Ion Ratio Lower Upper

330 100

332 97.0 75.5 113.3

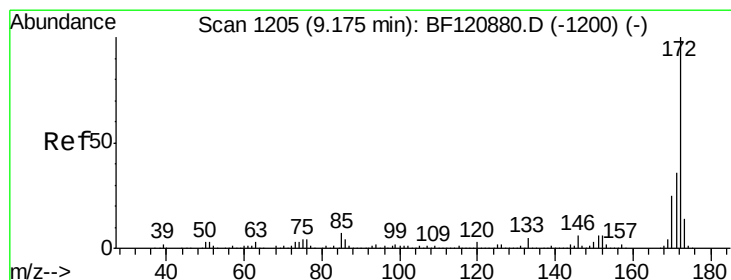
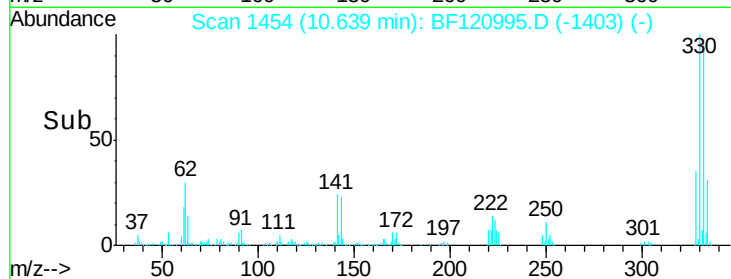
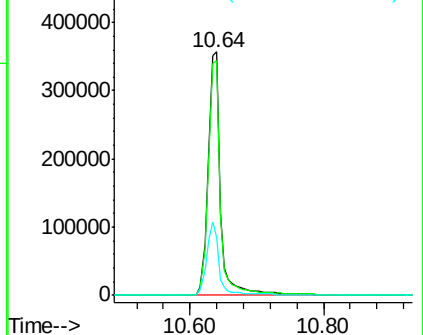
141 30.8 25.7 38.5



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: 80.821 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF120995.D

Acq: 23 Jul 2020 22:27

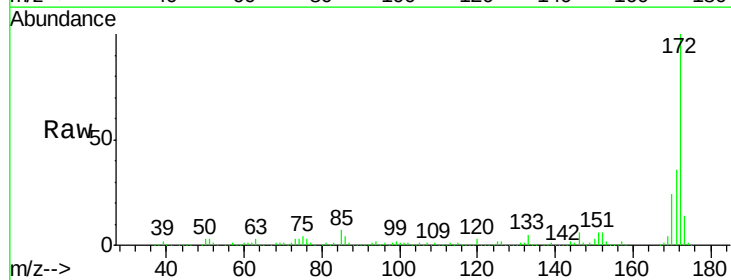
Tgt Ion:172 Resp: 1704249

Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.4

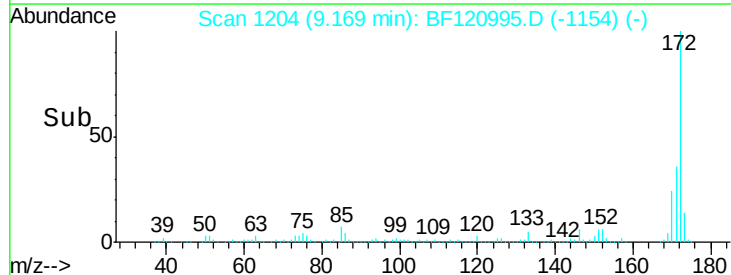
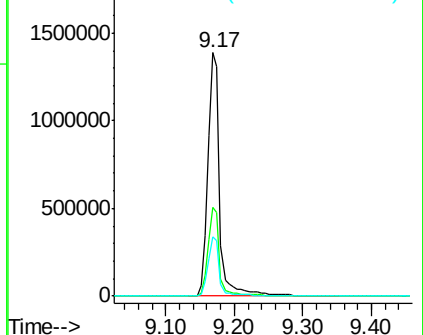
170 24.4 19.6 29.4

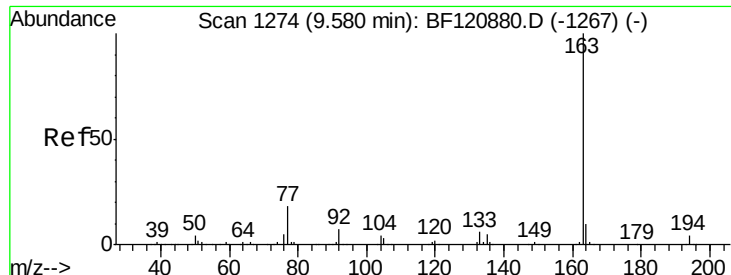


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

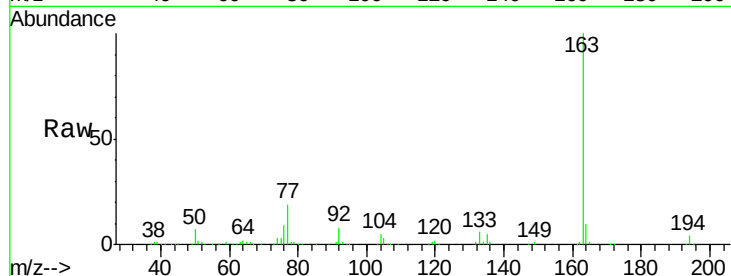




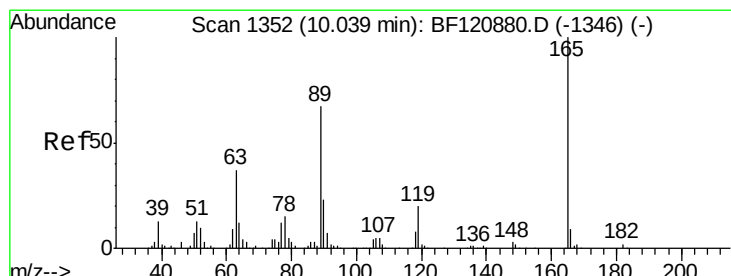
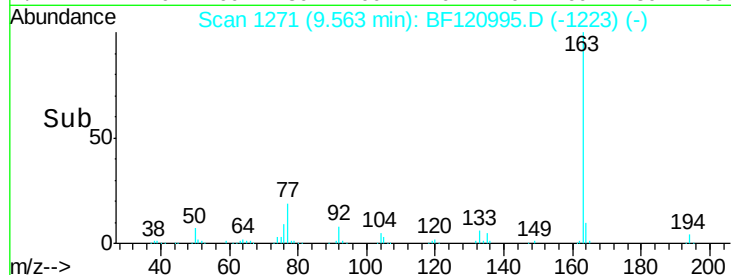
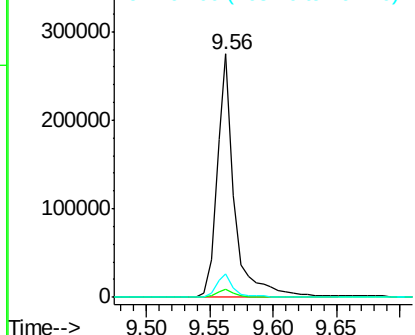
#50
Dimethylphthalate
Concen: 11.656 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.7	7.9	11.9

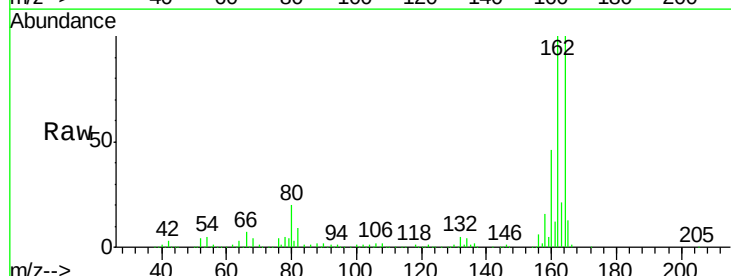


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

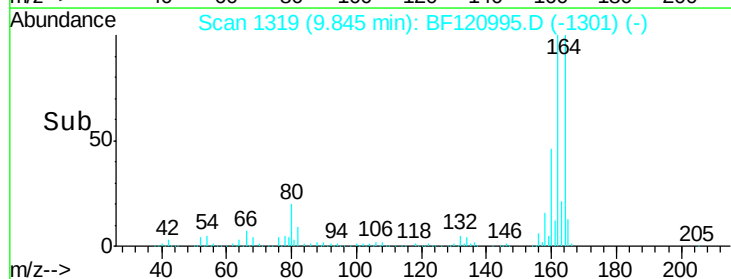
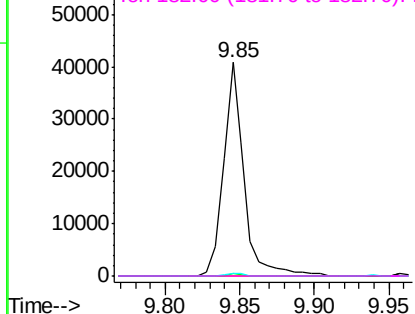


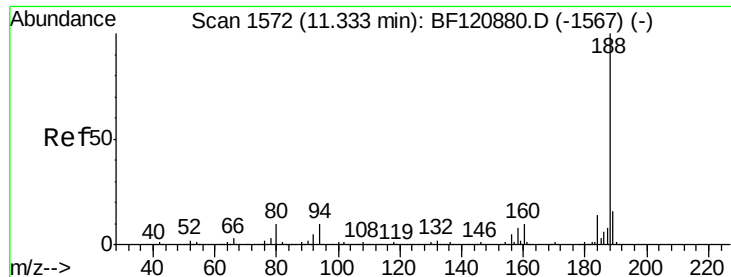
#57
2,4-Dinitrotoluene
Concen: 6.165 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF120995.D
Acq: 23 Jul 2020 22:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.4	44.2#
89	1.3	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# 1571

Delta R.T. -0.01 min

Lab File: BF120995.D

Acq: 23 Jul 2020 22:27

Instrument :

BNA_F

ClientSampleId :

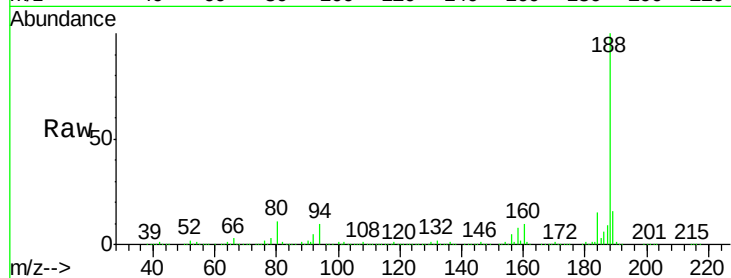
Tot Ion:188 Resp: 599891

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

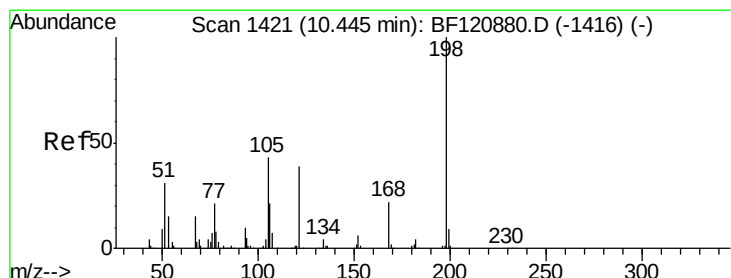
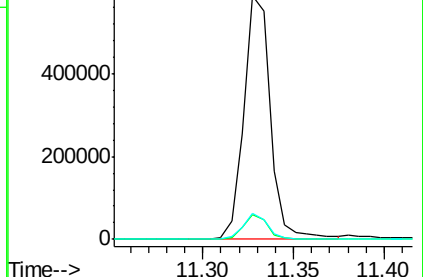
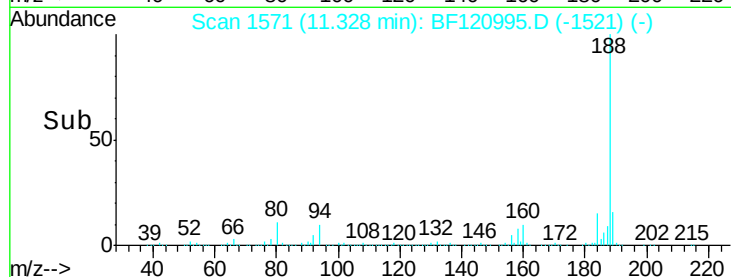
80 10.5 8.3 12.5



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: 4.069 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.19 min

Lab File: BF120995.D

Acq: 23 Jul 2020 22:27

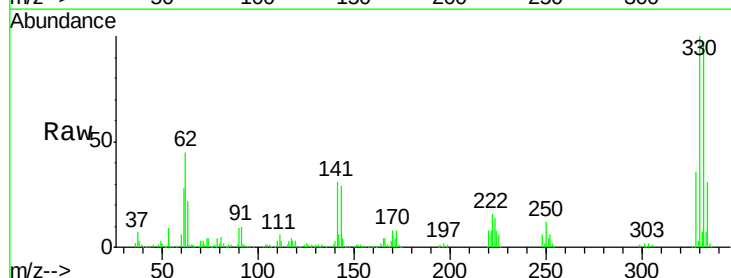
Tgt Ion:198 Resp: 854

Ion Ratio Lower Upper

198 100

51 150.8 19.5 59.5#

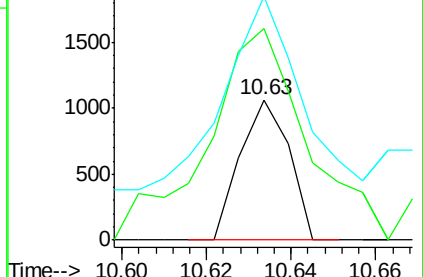
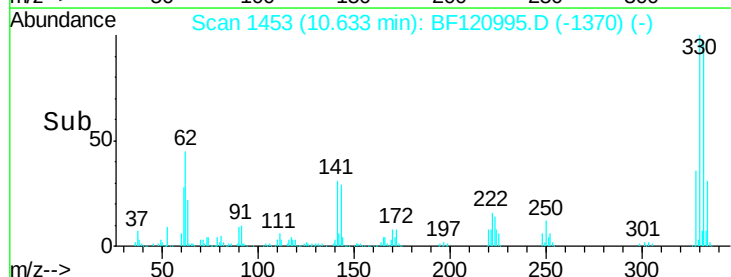
105 173.8 24.4 64.4#

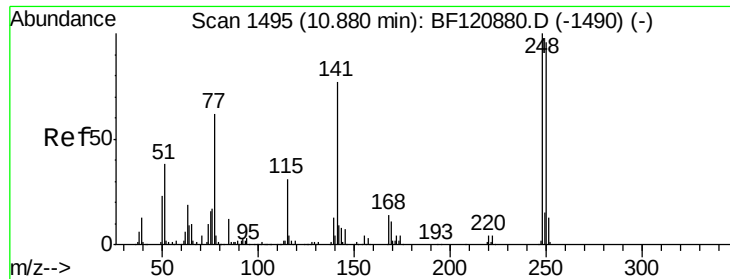


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

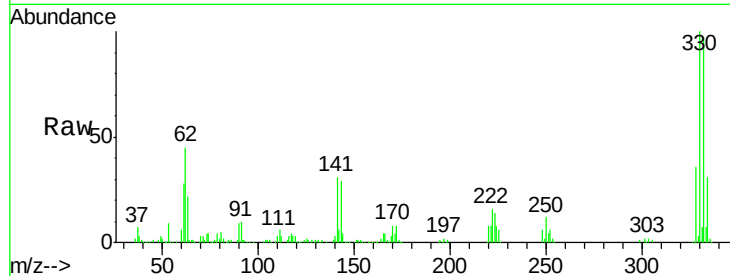




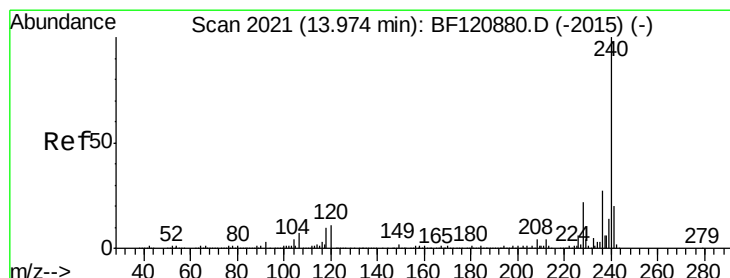
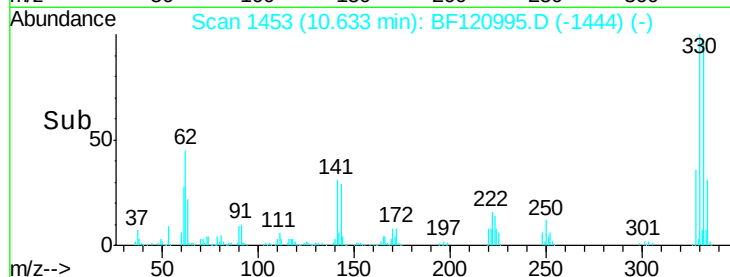
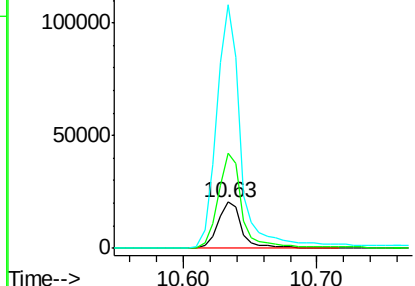
#67
 4-Bromophenyl-phenylether
 Concen: 3.904 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF120995.D
 Acq: 23 Jul 2020 22:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 26109
 Ion Ratio Lower Upper
 248 100
 250 205.8 77.1 115.7#
 141 528.0 61.2 91.8#

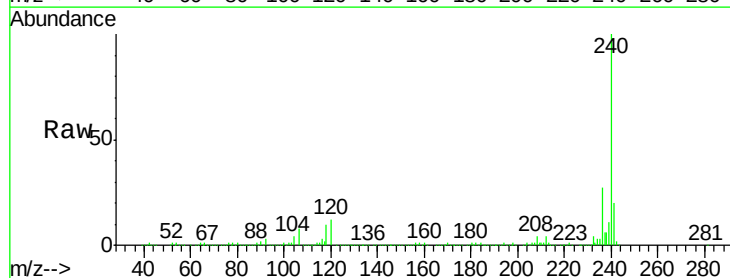


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

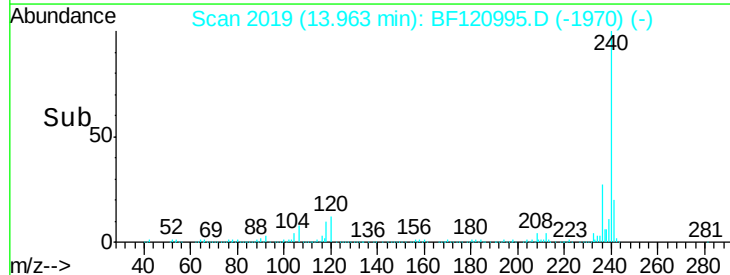
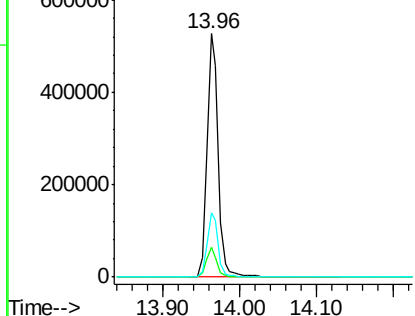


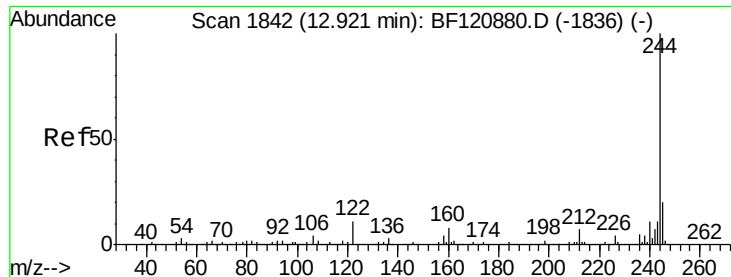
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF120995.D
 Acq: 23 Jul 2020 22:27

Tgt Ion:240 Resp: 522082
 Ion Ratio Lower Upper
 240 100
 120 12.1 9.0 13.4
 236 26.5 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

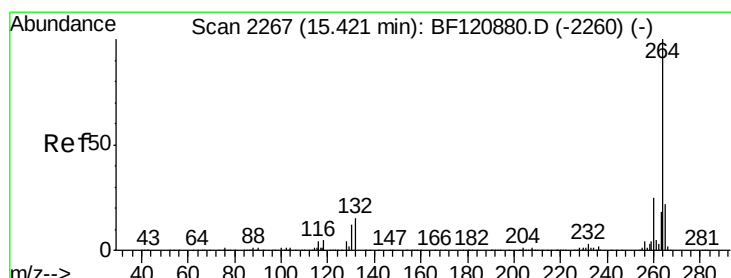
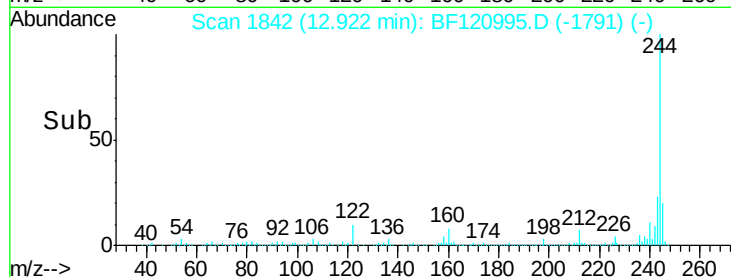
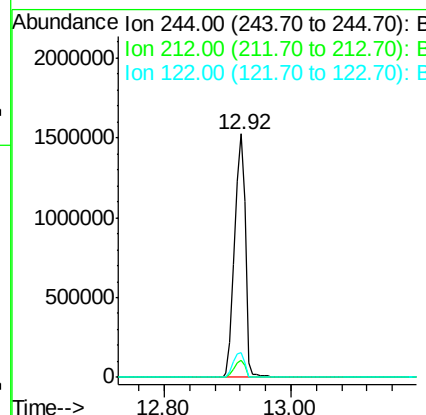
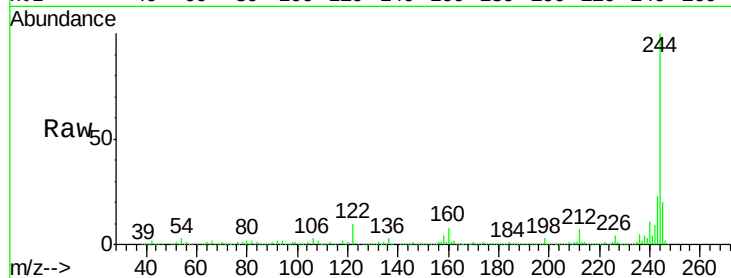




#79
 Terphenyl-d14
 Concen: 73.698 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120995.D
 Acq: 23 Jul 2020 22:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1770012
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 10.1 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. -0.01 min
 Lab File: BF120995.D
 Acq: 23 Jul 2020 22:27

Tgt Ion:264 Resp: 470894
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.0 30.0
 265 21.9 17.4 26.2

