

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120905.D
 Acq On : 17 Jul 2020 00:51
 Operator : JU/CG
 Sample : L3308-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13

Quant Time: Jul 17 01:57:47 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

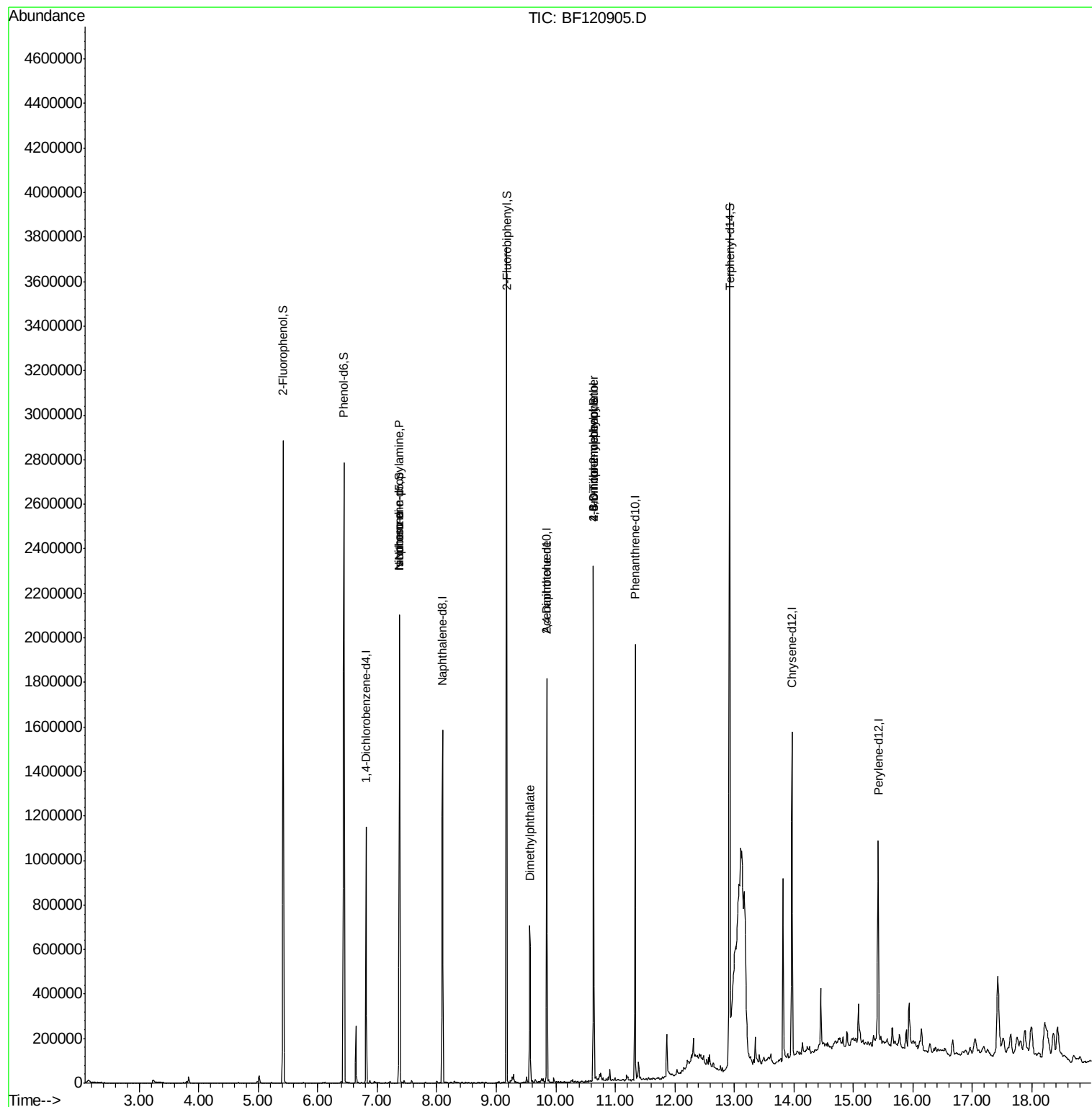
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	170944	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	657889	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	344488	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	652119	20.00	ng	0.00
76) Chrysene-d12	13.97	240	468601	20.00	ng	0.00
86) Perylene-d12	15.42	264	407646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	836355	80.21	ng	0.00
7) Phenol-d6	6.44	99	1039802	77.20	ng	0.00
23) Nitrobenzene-d5	7.37	82	621309	54.65	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	312570	82.89	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1143049	49.54	ng	0.00
79) Terphenyl-d14	12.92	244	1259441	58.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	291	Below Cal		Qvalue # 67
19) n-Nitroso-di-n-propylamine	7.37	70	80867	10.558 ng	#	77
25) Isophorone	7.37	82	620735	27.355 ng	#	63
50) Dimethylphthalate	9.56	163	275167	11.072 ng		98
57) 2,4-Dinitrotoluene	9.85	165	44319	6.321 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.63	198	665	4.005 ng	#	1
67) 4-Bromophenyl-phenylether	10.63	248	18751	2.579 ng	#	1

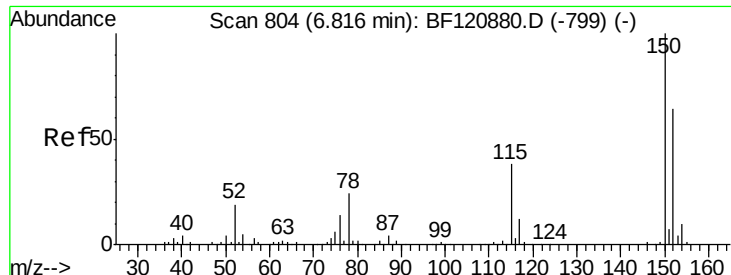
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120905.D
Acq On : 17 Jul 2020 00:51
Operator : JU/CG
Sample : L3308-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
13

Quant Time: Jul 17 01:57:47 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



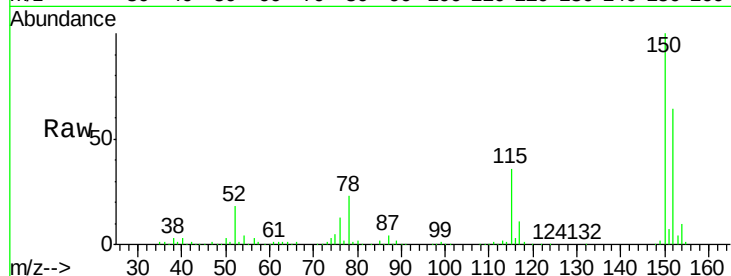


#1

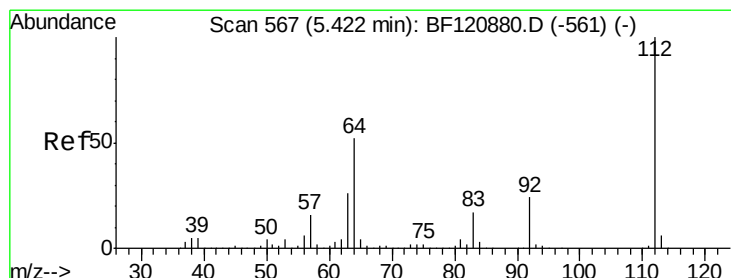
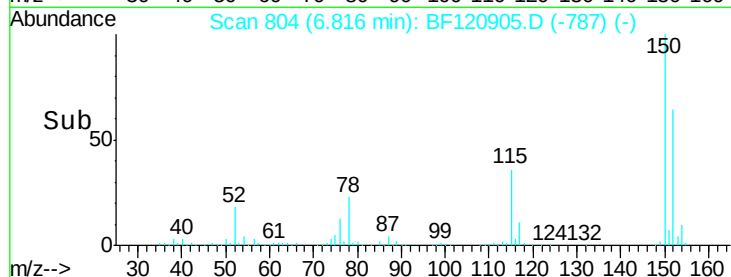
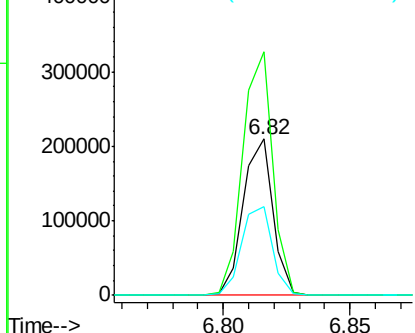
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120905.D
Acq: 17 Jul 2020 00:51

Instrument :
BNA_F
ClientSampled :
13

Tot Ion:152 Resp: 170944
Ion Ratio Lower Upper
152 100
150 155.8 125.0 187.6
115 56.4 47.0 70.4



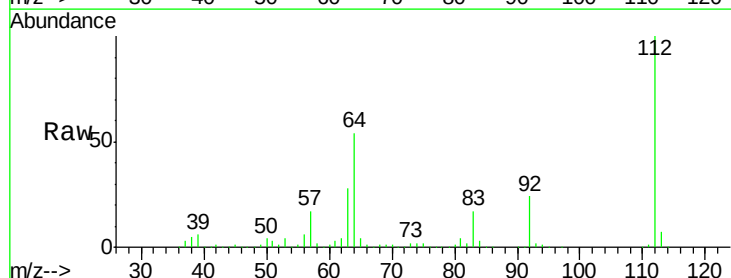
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



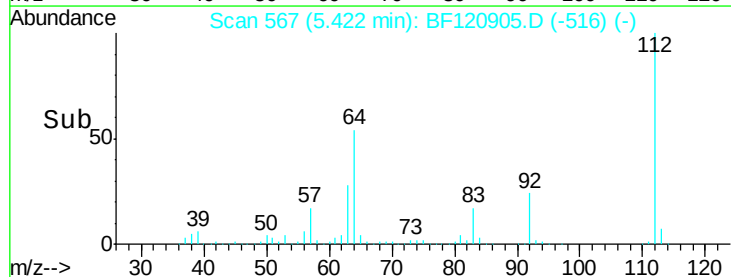
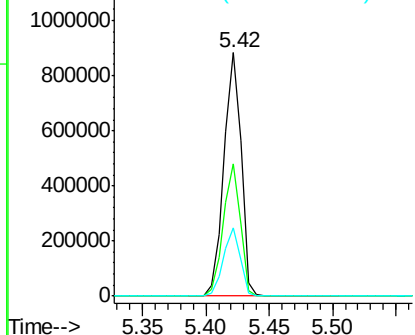
#5

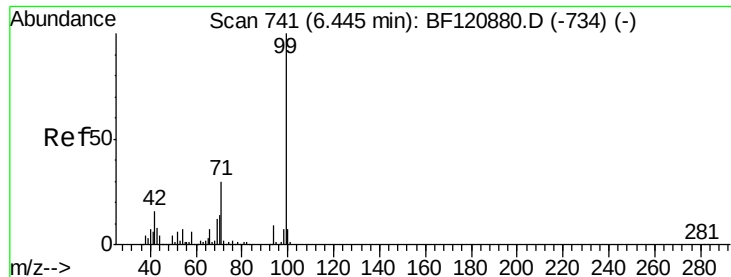
2-Fluorophenol
Concen: 80.207 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF120905.D
Acq: 17 Jul 2020 00:51

Tgt Ion:112 Resp: 836355
Ion Ratio Lower Upper
112 100
64 54.4 41.3 61.9
63 28.0 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: 77.196 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120905.D

Acq: 17 Jul 2020 00:51

Instrument :

BNA_F

ClientSampleId :

13

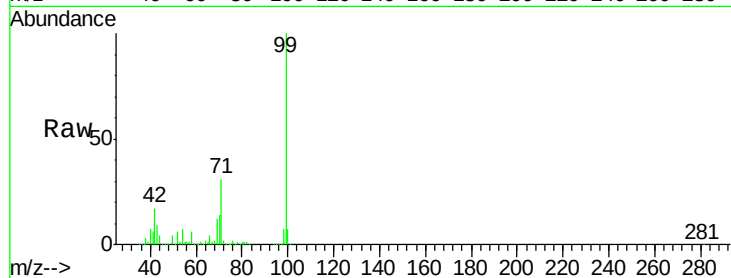
Tot Ion: 99 Resp: 1039802

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

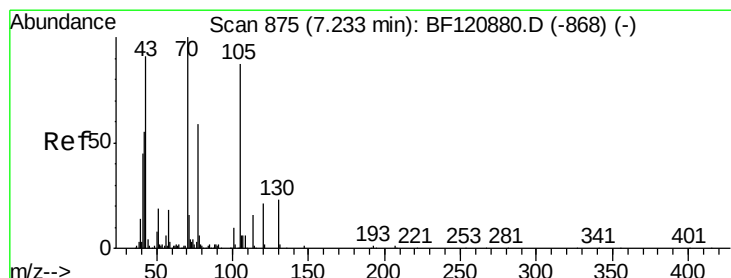
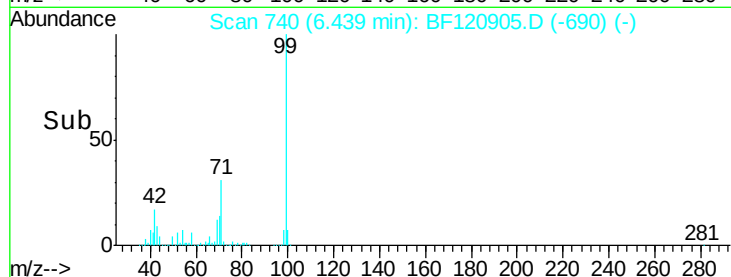
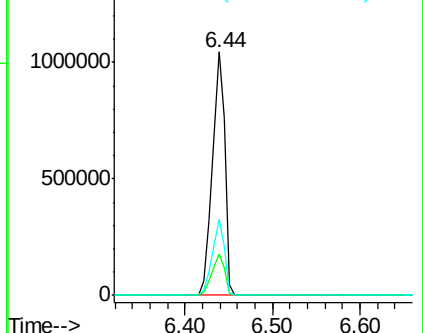
71 31.1 24.2 36.4



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: 10.558 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120905.D

Acq: 17 Jul 2020 00:51

Tgt Ion: 70 Resp: 80867

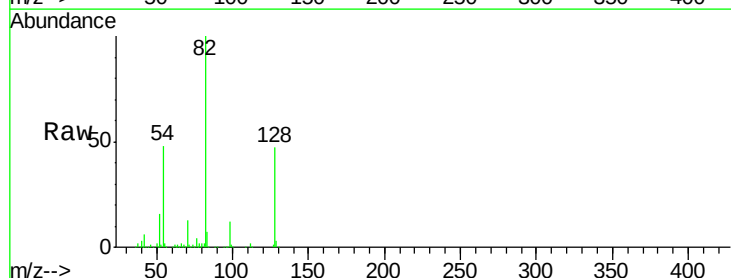
Ion Ratio Lower Upper

70 100

42 45.4 44.0 66.0

101 0.0 7.8 11.6#

130 2.3 18.7 28.1#

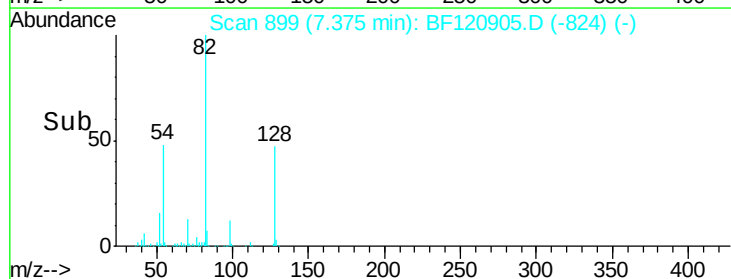
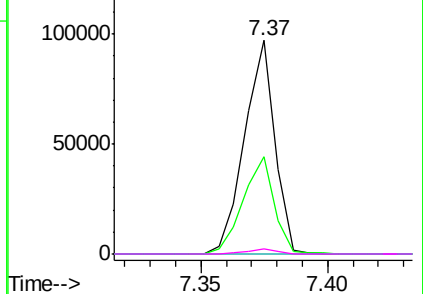


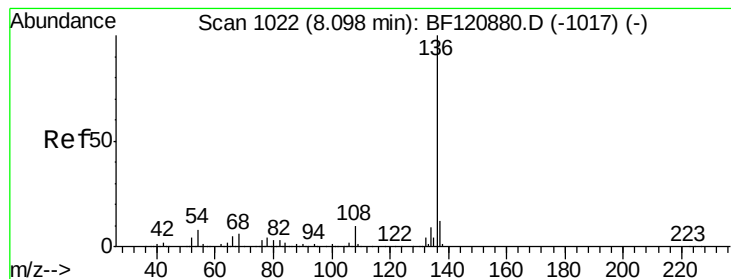
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF120905.D

Acq: 17 Jul 2020 00:51

Instrument :

BNA_F

ClientSampleId :

13

Tot Ion:136 Resp: 657889

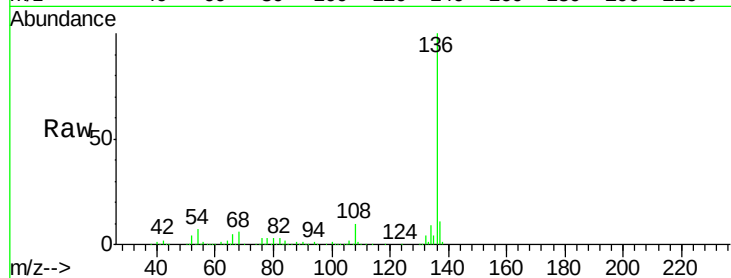
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 7.1 6.3 9.5

68 5.9 5.0 7.4

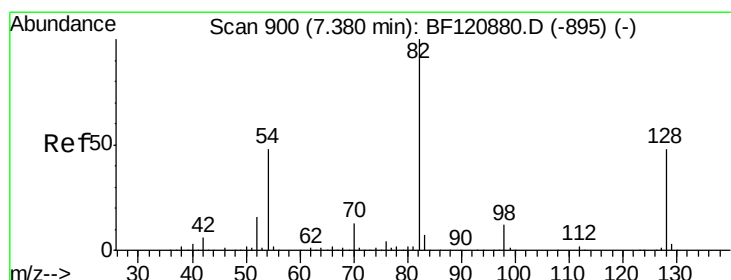
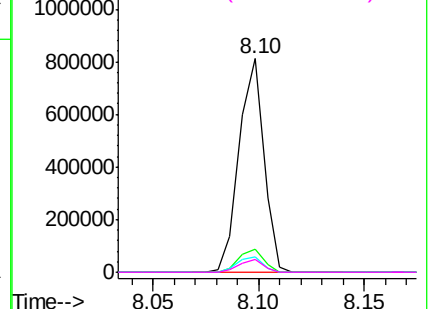
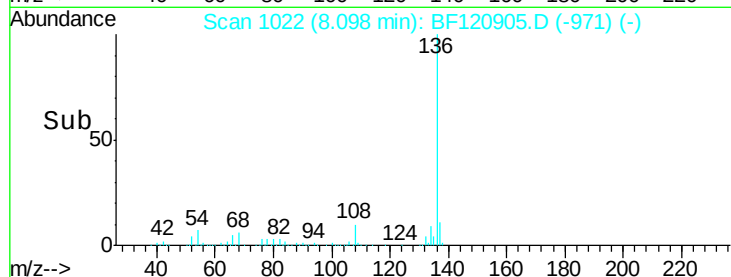


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.646 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120905.D

Acq: 17 Jul 2020 00:51

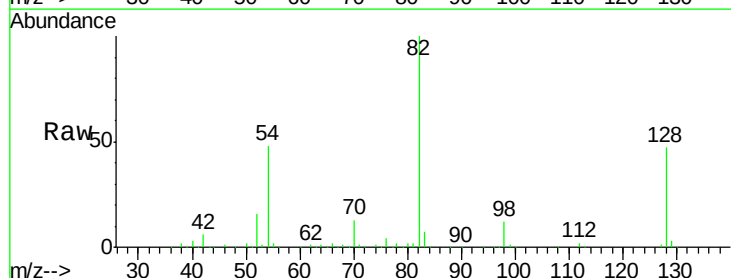
Tgt Ion: 82 Resp: 621309

Ion Ratio Lower Upper

82 100

128 47.3 38.2 57.4

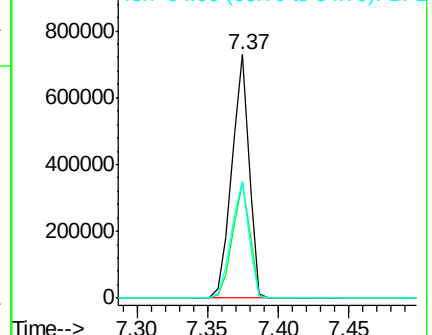
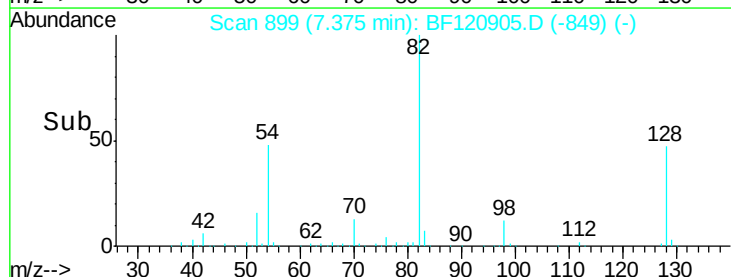
54 48.2 38.7 58.1

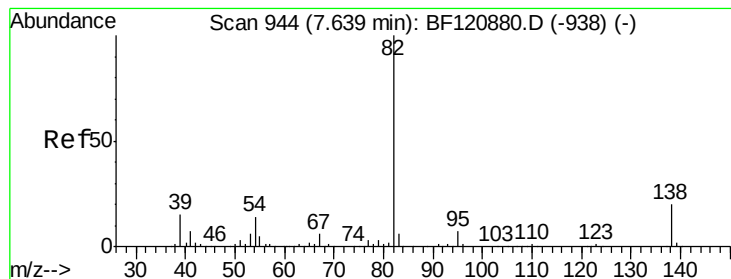


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 27.355 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120905.D

Acq: 17 Jul 2020 00:51

Instrument :

BNA_F

ClientSampled :

13

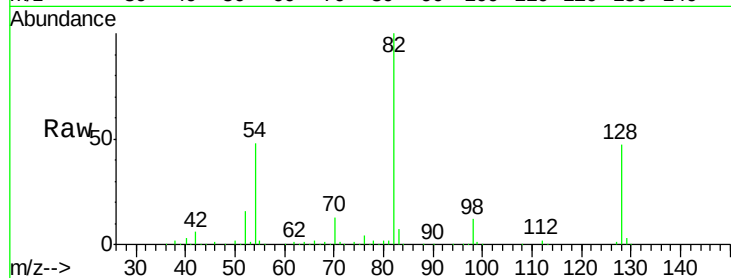
Tot Ion: 82 Resp: 620735

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

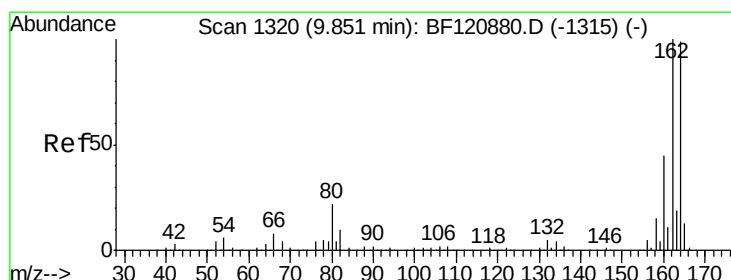
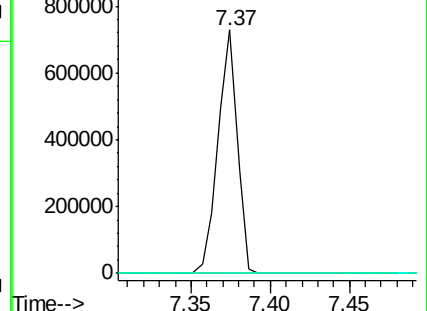
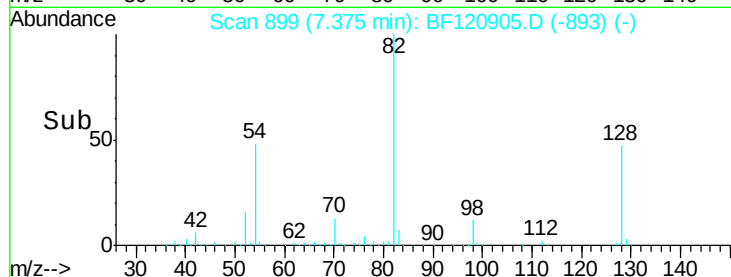
138 0.0 15.6 23.4#



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# 1320

Delta R.T. 0.00 min

Lab File: BF120905.D

Acq: 17 Jul 2020 00:51

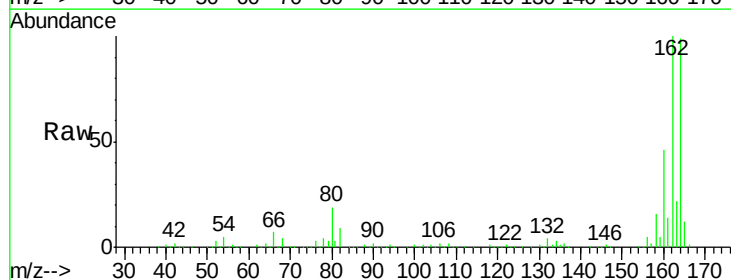
Tgt Ion:164 Resp: 344488

Ion Ratio Lower Upper

164 100

162 100.5 81.2 121.8

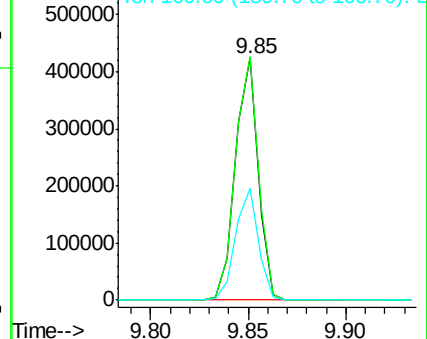
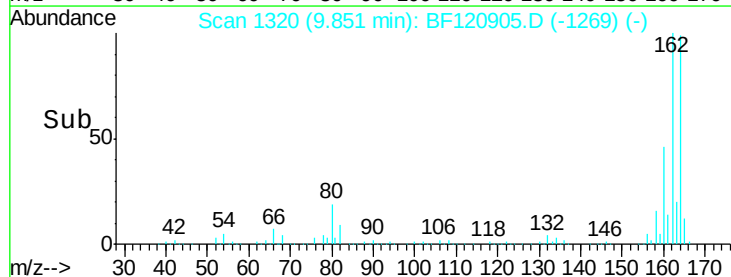
160 45.9 36.9 55.3

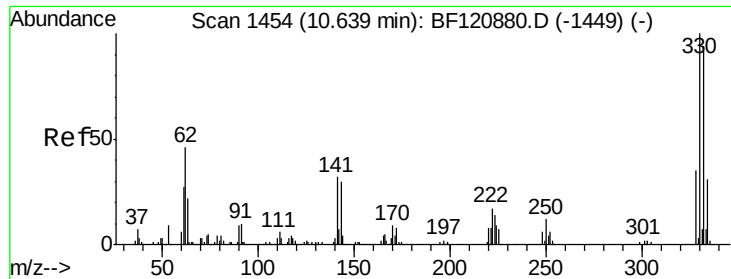


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 82.893 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF120905.D

Acq: 17 Jul 2020 00:51

Instrument :

BNA_F

ClientSampleId :

13

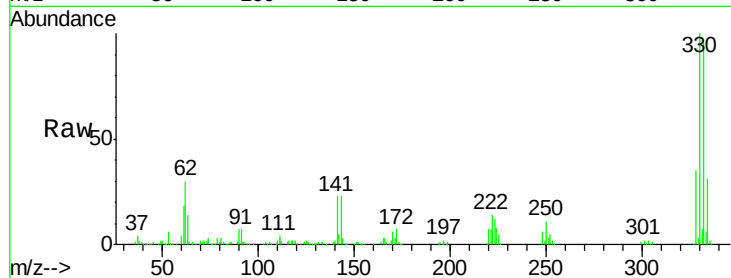
Tot Ion:330 Resp: 312570

Ion Ratio Lower Upper

330 100

332 95.9 75.5 113.3

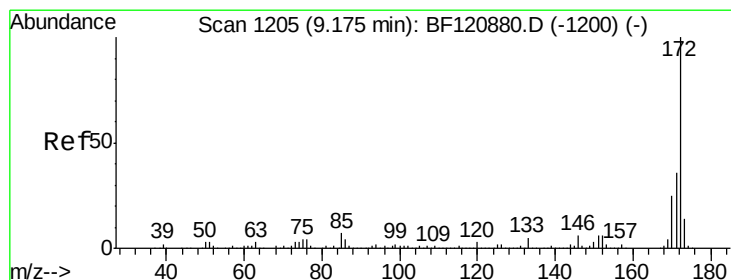
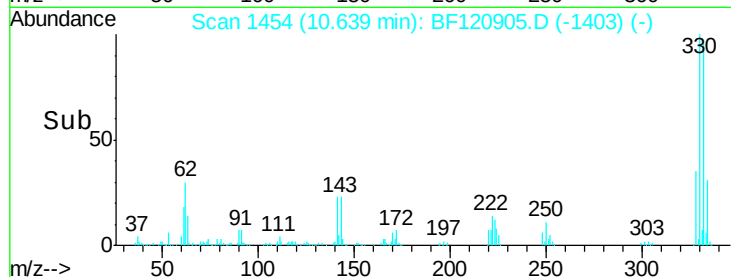
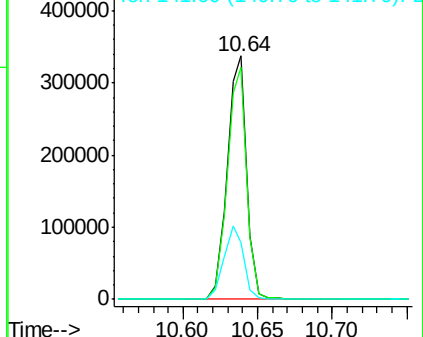
141 30.6 25.7 38.5



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: 49.541 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF120905.D

Acq: 17 Jul 2020 00:51

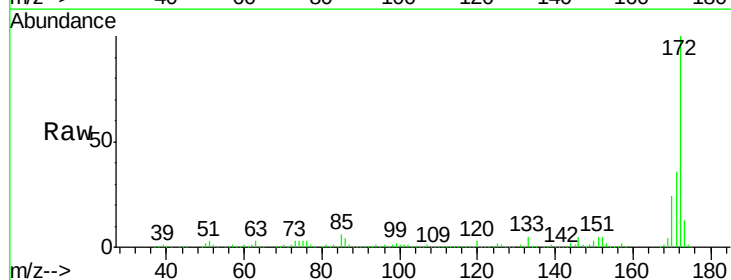
Tgt Ion:172 Resp: 1143049

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

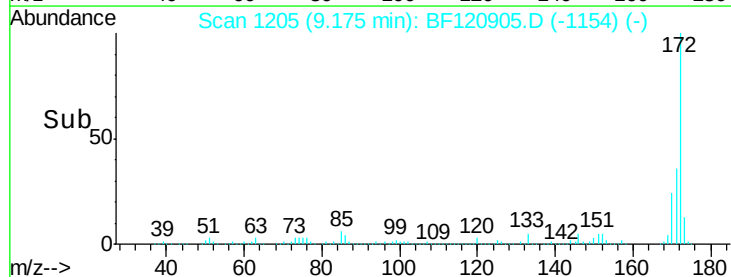
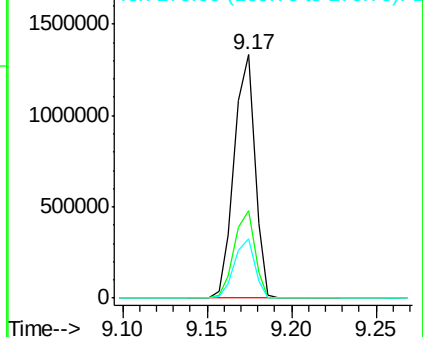
170 24.5 19.6 29.4

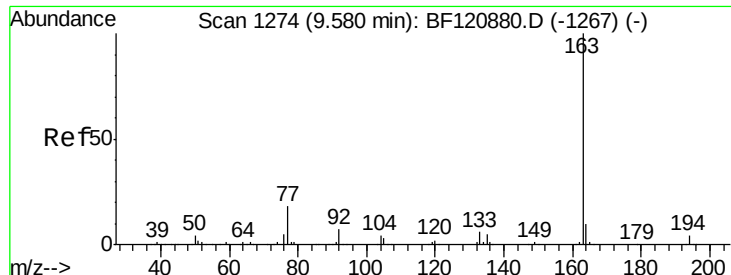


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

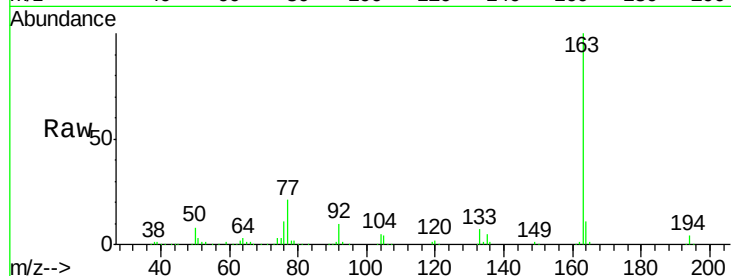




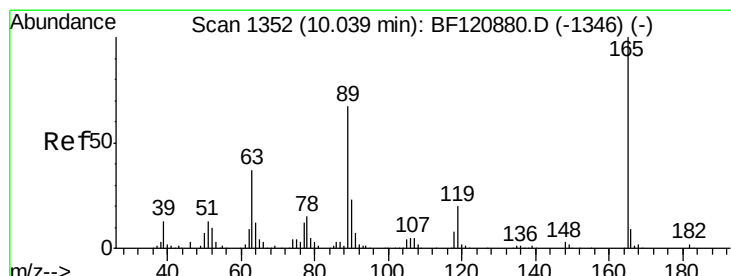
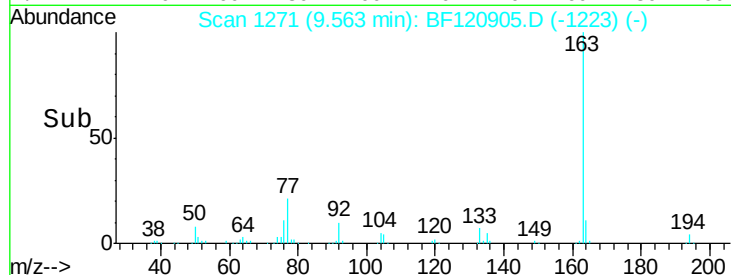
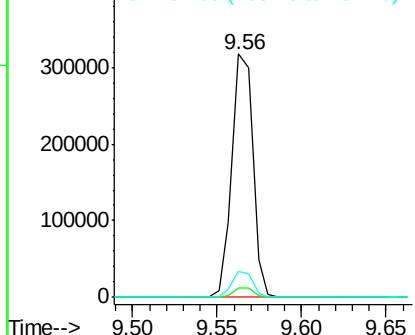
#50
Dimethylphthalate
Concen: 11.072 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120905.D
Acq: 17 Jul 2020 00:51

Instrument :
BNA_F
ClientSampleId :
13

Tot Ion:163 Resp: 275167
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.8 7.9 11.9

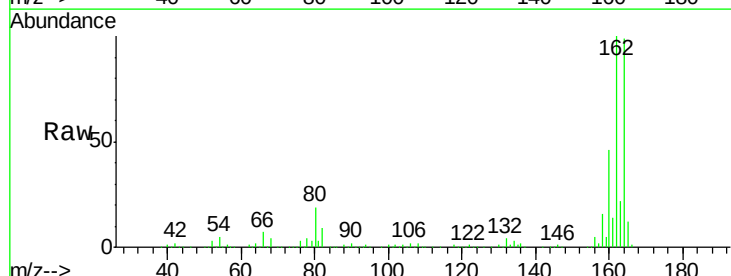


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

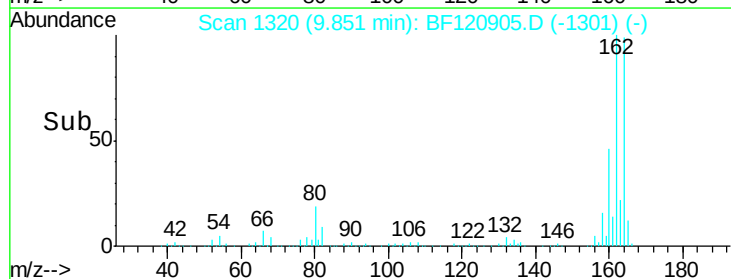
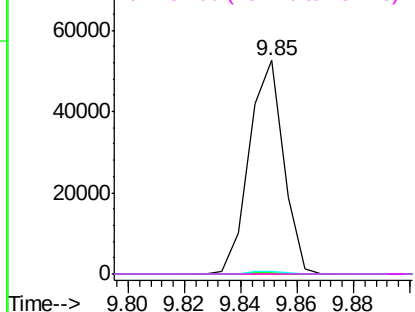


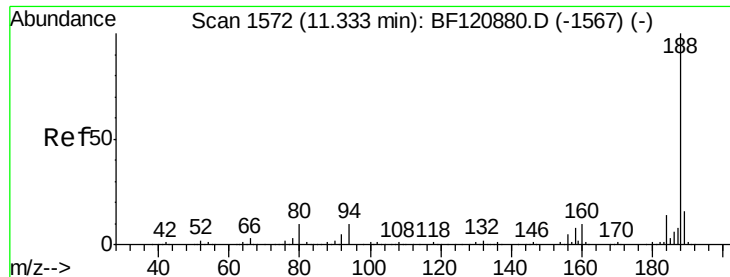
#57
2,4-Dinitrotoluene
Concen: 6.321 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF120905.D
Acq: 17 Jul 2020 00:51

Tgt Ion:165 Resp: 44319
Ion Ratio Lower Upper
165 100
63 0.9 29.4 44.2#
89 1.4 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

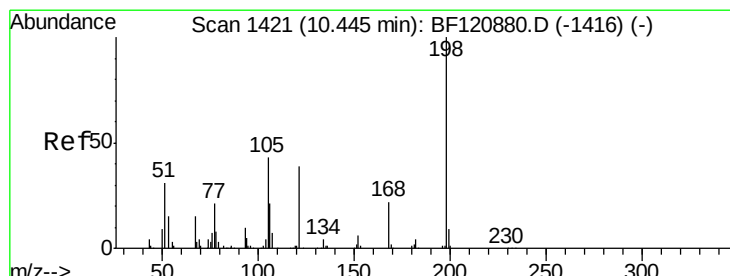
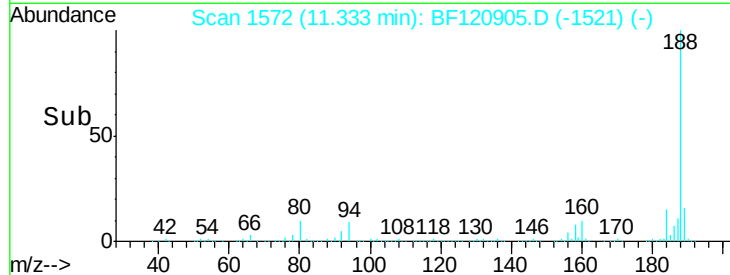
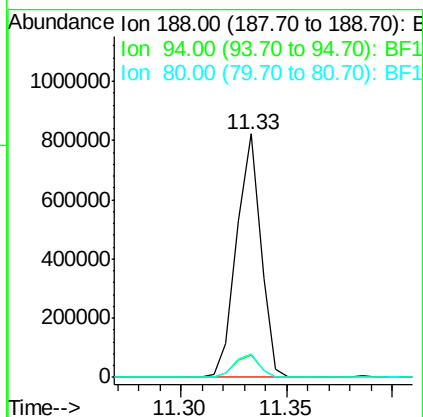
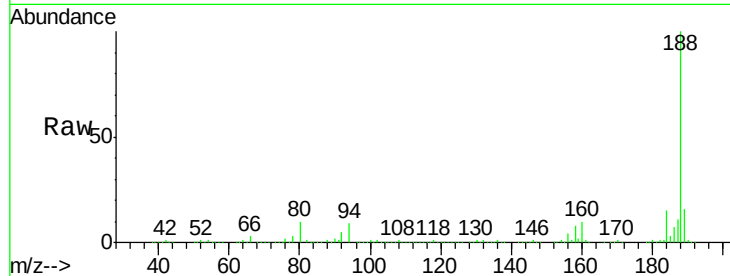




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120905.D
 Acq: 17 Jul 2020 00:51

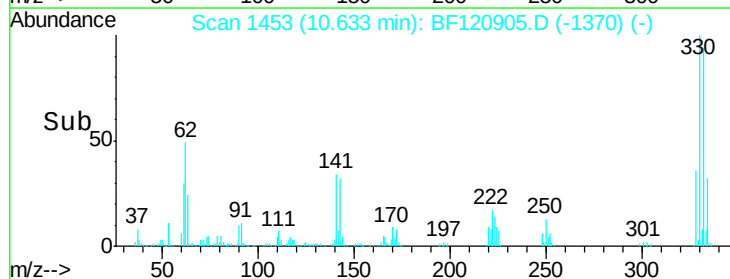
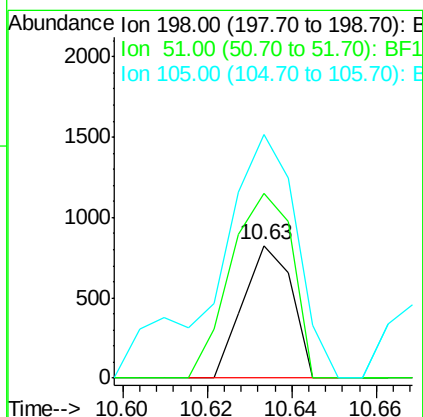
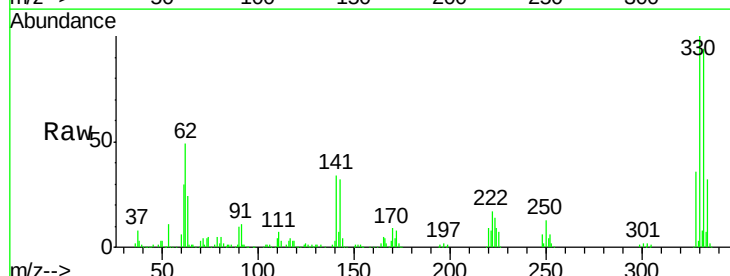
Instrument :
 BNA_F
 ClientSampleId :
 13

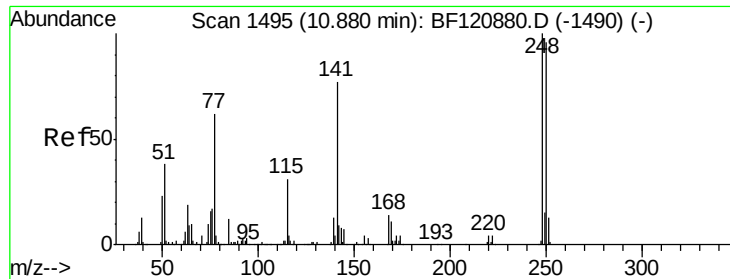
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	9.7	8.3	12.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.005 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.19 min
 Lab File: BF120905.D
 Acq: 17 Jul 2020 00:51

Tgt Ion	Ratio	Lower	Upper
198	100		
51	139.3	19.5	59.5#
105	183.3	24.4	64.4#

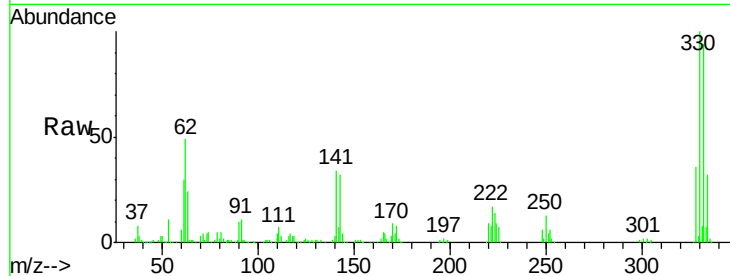




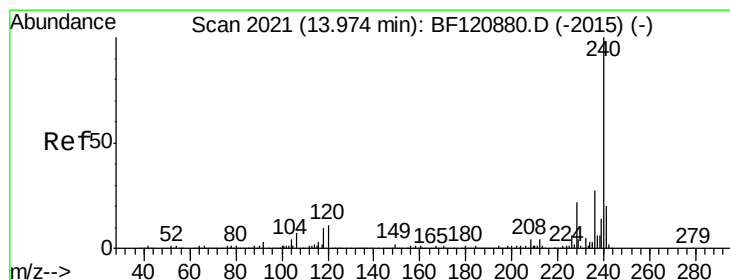
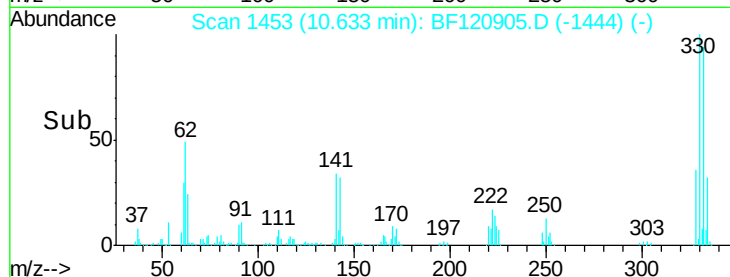
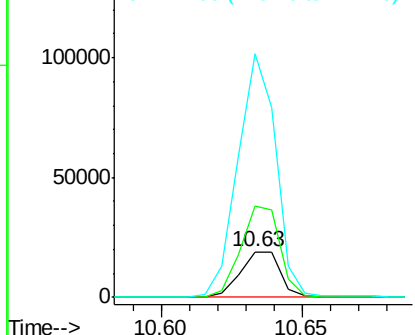
#67
 4-Bromophenyl-phenylether
 Concen: 2.579 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF120905.D
 Acq: 17 Jul 2020 00:51

Instrument :
 BNA_F
 ClientSampled :
 13

Tot Ion:248 Resp: 18751
 Ion Ratio Lower Upper
 248 100
 250 201.1 77.1 115.7#
 141 533.1 61.2 91.8#

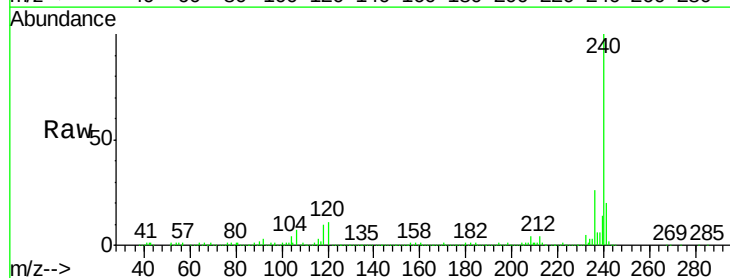


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

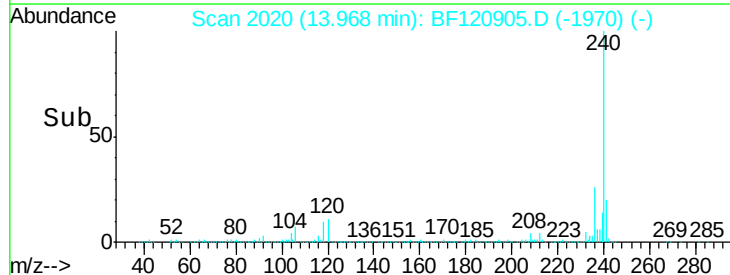
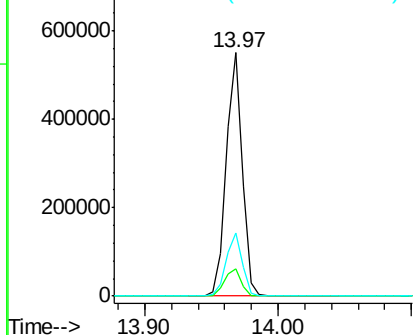


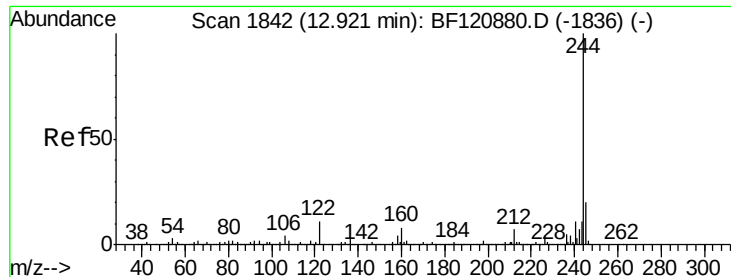
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF120905.D
 Acq: 17 Jul 2020 00:51

Tgt Ion:240 Resp: 468601
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.0 13.4
 236 25.9 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: 58.424 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120905.D

Acq: 17 Jul 2020 00:51

Instrument :

BNA_F

ClientSampleId :

13

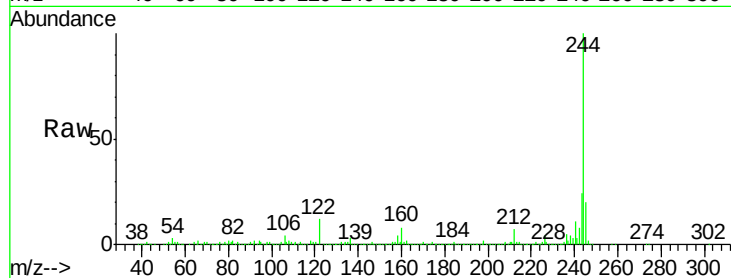
Tot Ion:244 Resp: 1259441

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

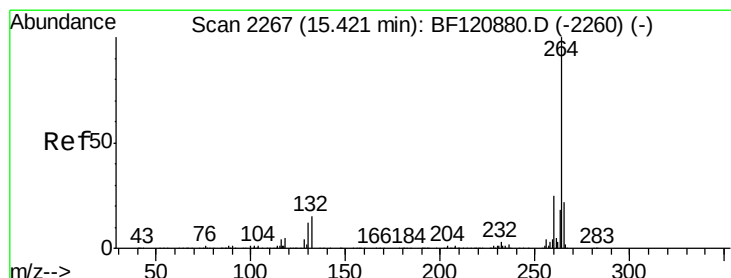
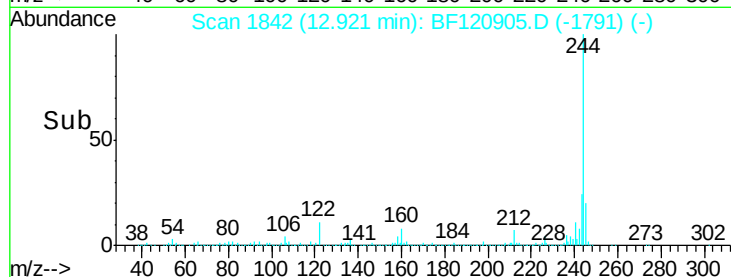
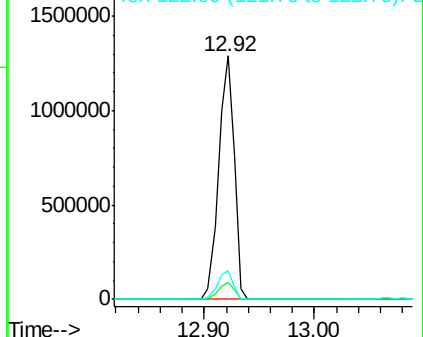
122 11.5 8.9 13.3



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: BF120905.D

Acq: 17 Jul 2020 00:51

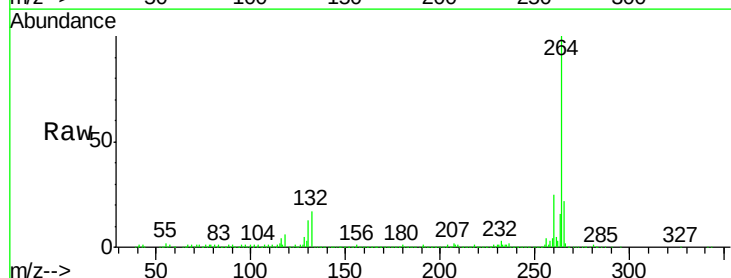
Tgt Ion:264 Resp: 407646

Ion Ratio Lower Upper

264 100

260 24.7 20.0 30.0

265 22.4 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

