

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072020\
 Data File : BF120936.D
 Acq On : 20 Jul 2020 16:40
 Operator : JU/CG
 Sample : L3344-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-D

Quant Time: Jul 20 17:21:35 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

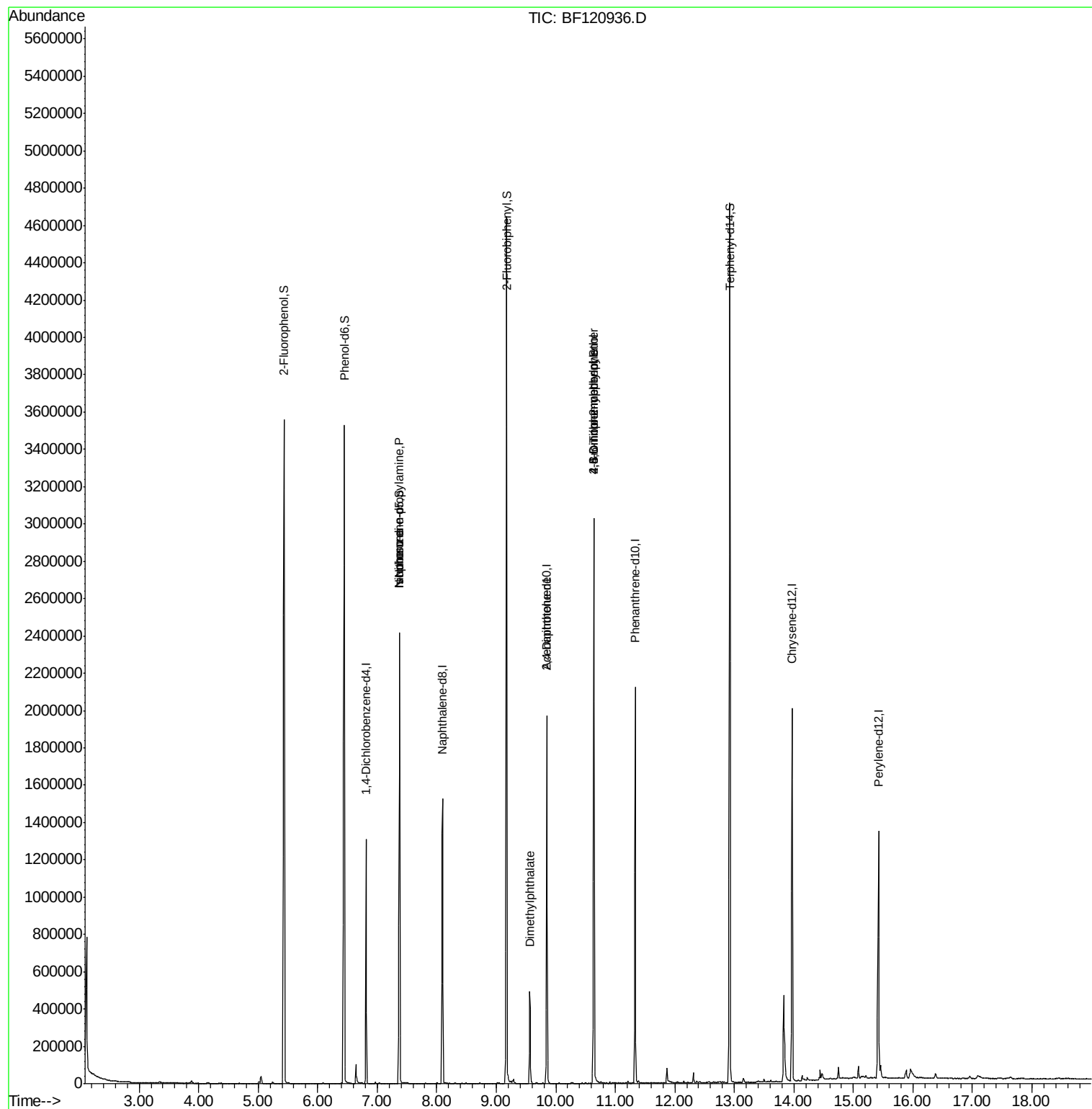
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	191594	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	741746	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	395872	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	780191	20.00	ng	0.00
76) Chrysene-d12	13.97	240	683046	20.00	ng	0.00
86) Perylene-d12	15.42	264	630698	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1215792	104.03	ng	0.01
7) Phenol-d6	6.45	99	1495842	99.08	ng	0.00
23) Nitrobenzene-d5	7.37	82	946859	73.86	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	462256	106.68	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1737133	65.52	ng	0.00
79) Terphenyl-d14	12.93	244	1858759	59.15	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	1908	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	125757	14.649 ng	#	1
25) Isophorone	7.37	82	938806	36.695 ng	#	78
50) Dimethylphthalate	9.56	163	202308	7.084 ng	#	63
57) 2,4-Dinitrotoluene	9.85	165	51020	6.332 ng	#	99
65) 4,6-Dinitro-2-methylphenol	10.64	198	1038	4.054 ng	#	27
67) 4-Bromophenyl-phenylether	10.64	248	26827	3.084 ng	#	1

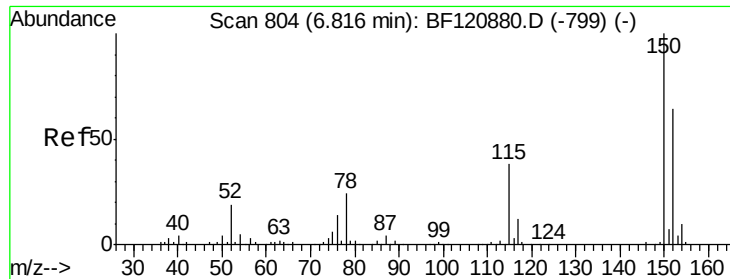
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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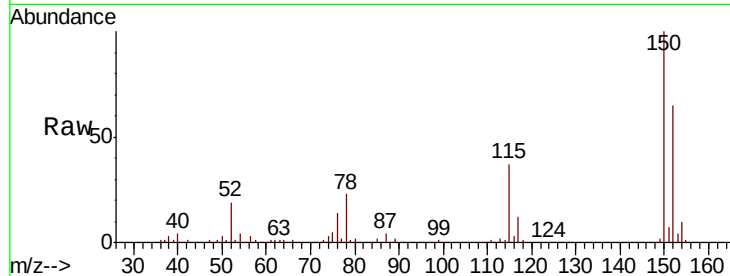


#1

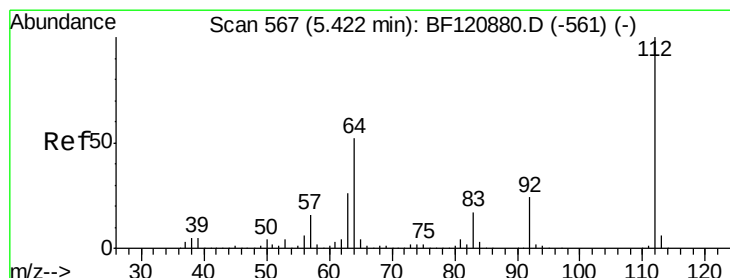
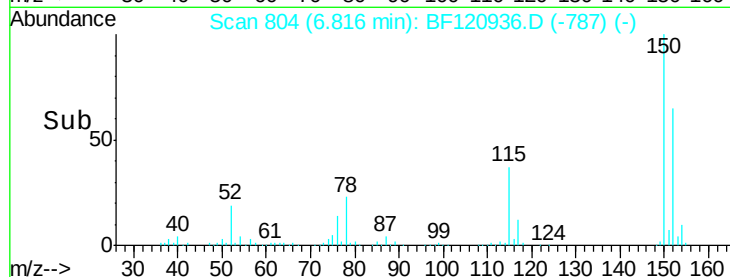
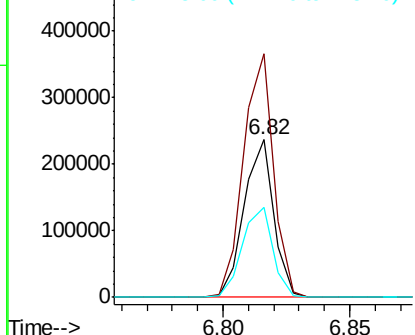
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120936.D
Acq: 20 Jul 2020 16:40

Instrument :
BNA_F
ClientSampleId :
TP-14-D

Tot Ion:152 Resp: 191594
Ion Ratio Lower Upper
152 100
150 154.5 125.0 187.6
115 57.5 47.0 70.4



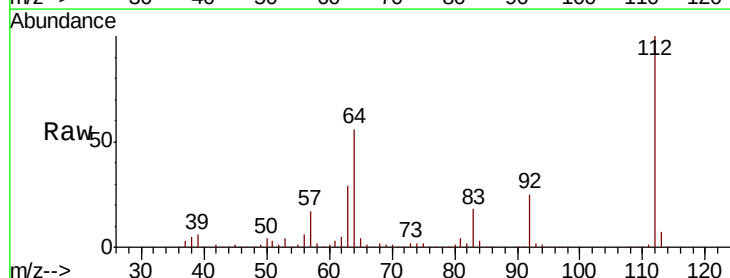
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



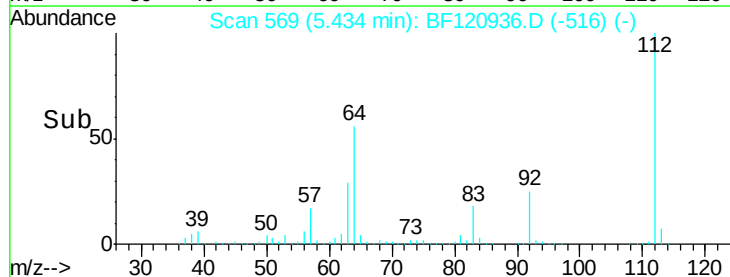
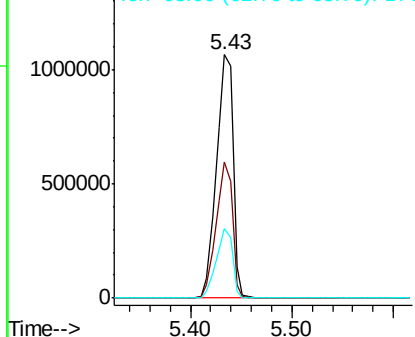
#5

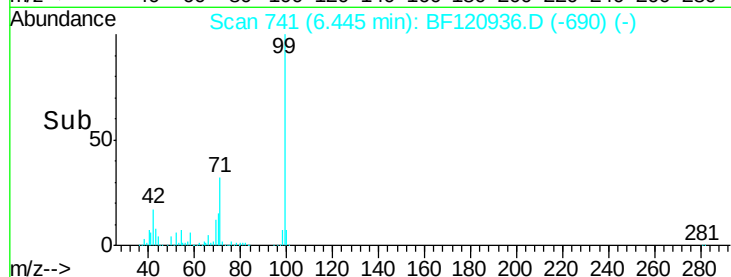
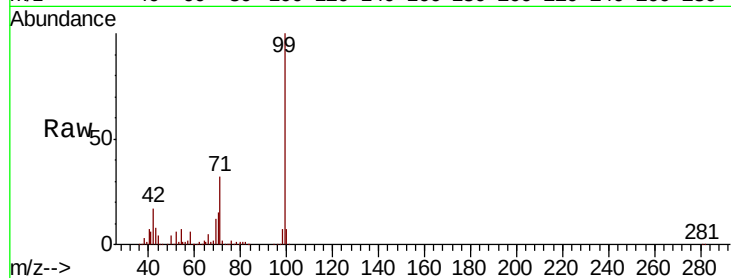
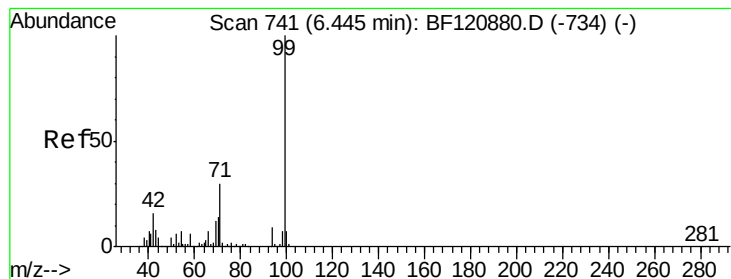
2-Fluorophenol
Concen: 104.028 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120936.D
Acq: 20 Jul 2020 16:40

Tgt Ion:112 Resp: 1215792
Ion Ratio Lower Upper
112 100
64 56.0 41.3 61.9
63 28.6 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: 99.083 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120936.D

Acq: 20 Jul 2020 16:40

Instrument :

BNA_F

ClientSampleId :

TP-14-D

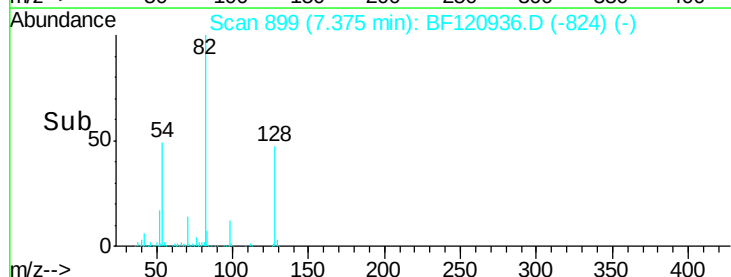
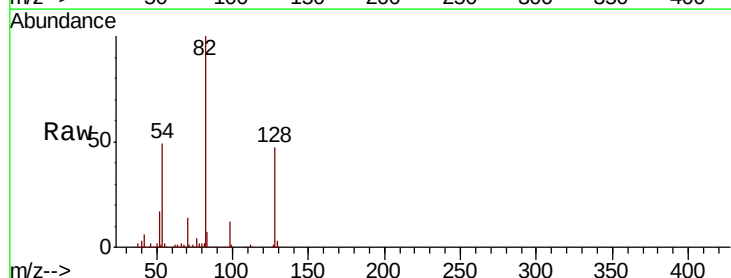
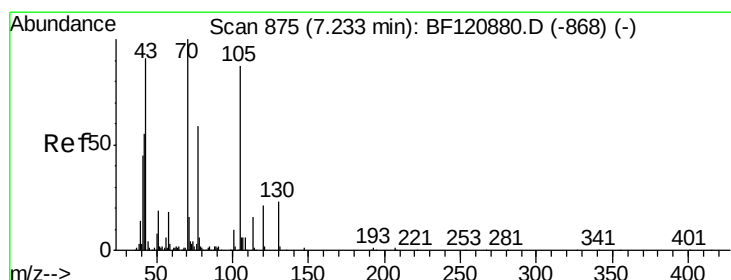
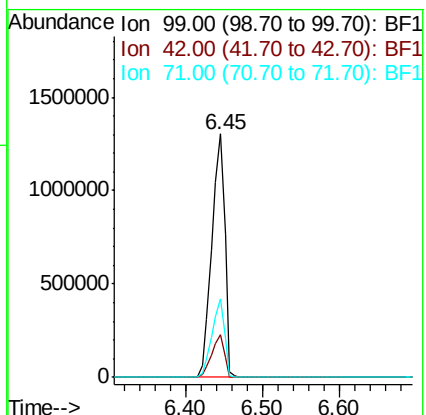
Tot Ion: 99 Resp: 1495842

Ion Ratio Lower Upper

99 100

42 17.3 13.1 19.7

71 32.0 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.649 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120936.D

Acq: 20 Jul 2020 16:40

Tgt Ion: 70 Resp: 125757

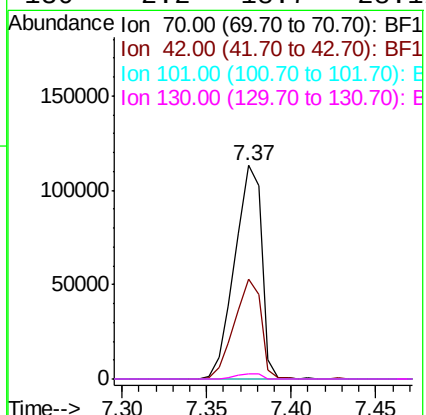
Ion Ratio Lower Upper

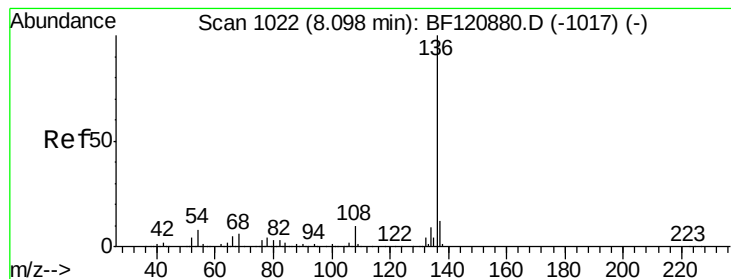
70 100

42 46.7 44.0 66.0

101 0.0 7.8 11.6#

130 2.2 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120936.D

Acq: 20 Jul 2020 16:40

Instrument :

BNA_F

ClientSampleId :

TP-14-D

Tot Ion:136 Resp: 741746

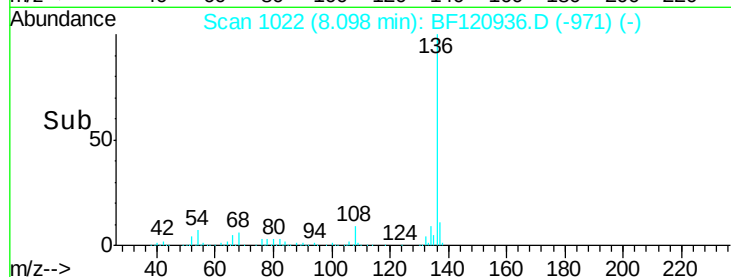
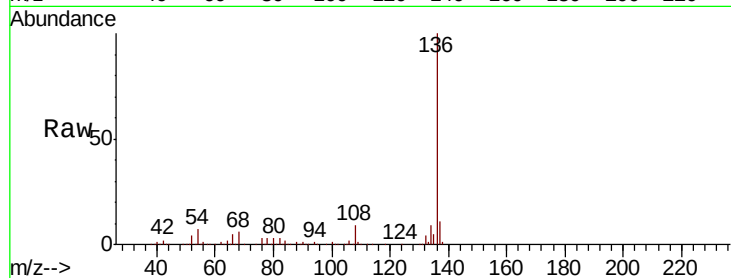
Ion Ratio Lower Upper

136 100

137 10.6 9.3 13.9

54 7.0 6.3 9.5

68 5.6 5.0 7.4

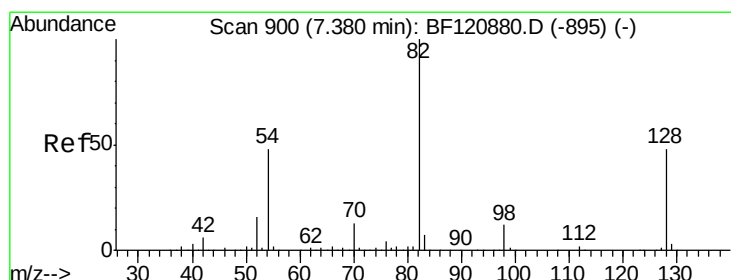
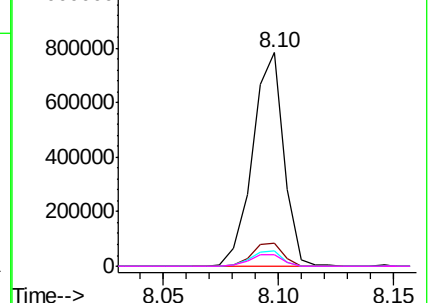


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.864 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120936.D

Acq: 20 Jul 2020 16:40

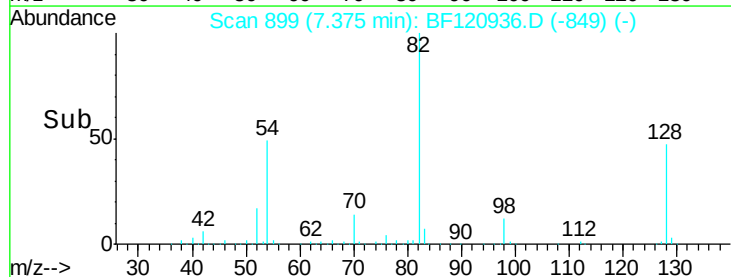
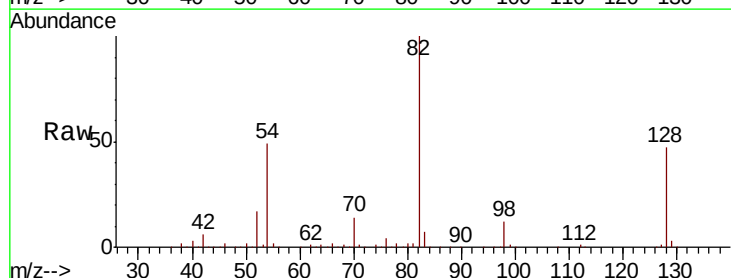
Tgt Ion: 82 Resp: 946859

Ion Ratio Lower Upper

82 100

128 46.7 38.2 57.4

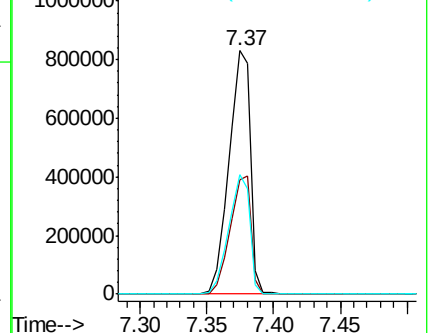
54 48.9 38.7 58.1

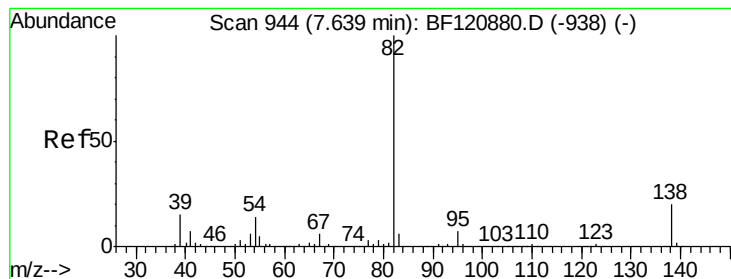


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.695 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120936.D

Acq: 20 Jul 2020 16:40

Instrument :

BNA_F

ClientSampleId :

TP-14-D

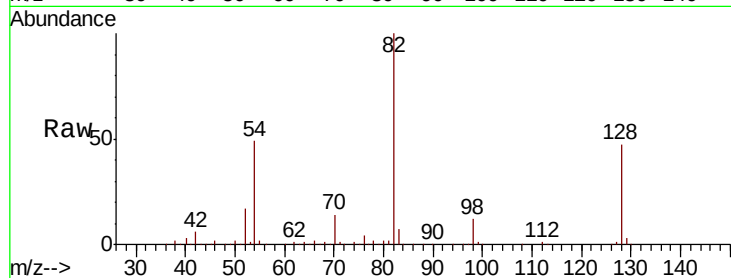
Tot Ion: 82 Resp: 938806

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.6 23.4#

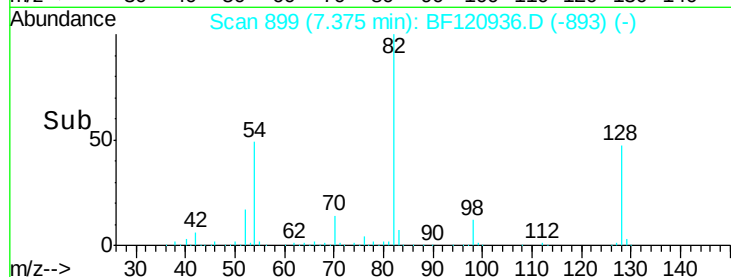


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



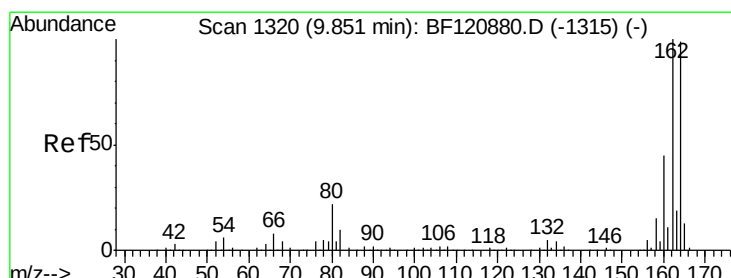
Abundance

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

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120936.D

Acq: 20 Jul 2020 16:40

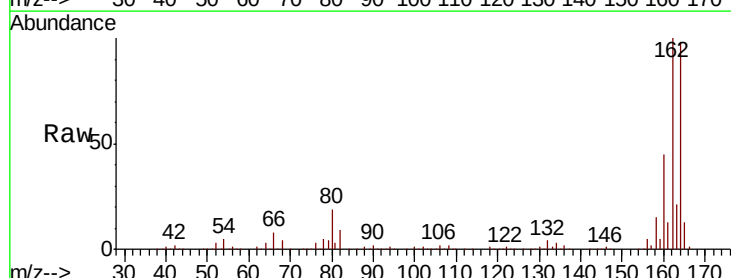
Tgt Ion: 164 Resp: 395872

Ion Ratio Lower Upper

164 100

162 101.6 81.2 121.8

160 46.2 36.9 55.3

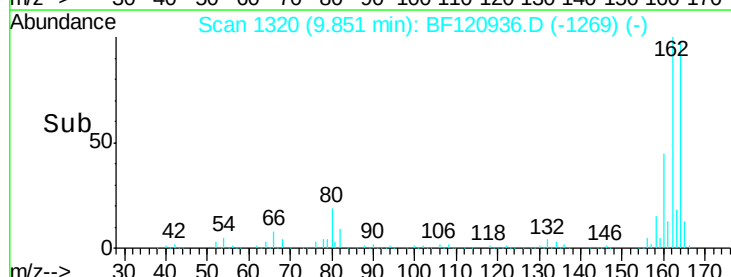


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

Time-->



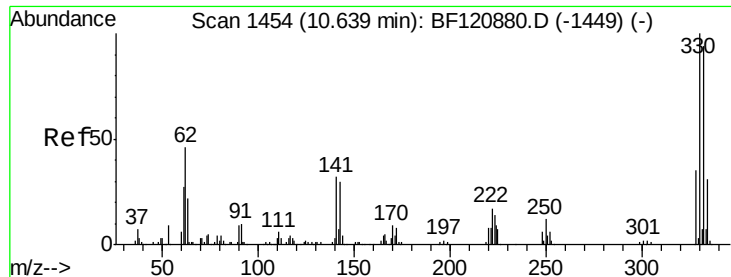
Abundance

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

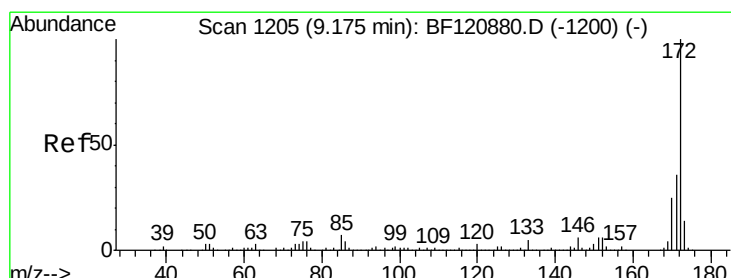
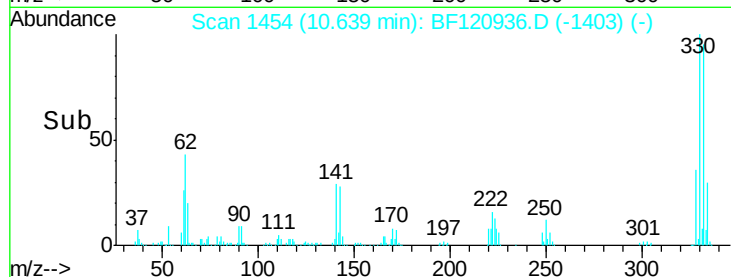
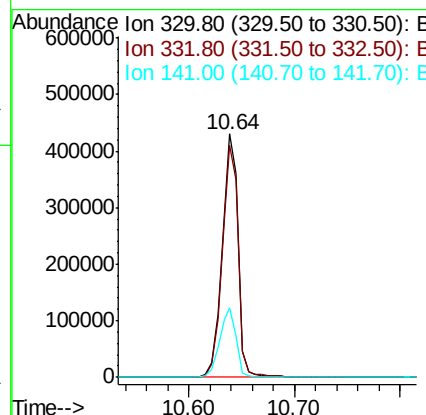
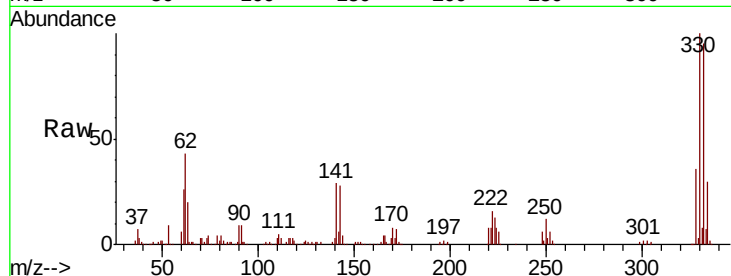
Time-->



#42
 2,4,6-Tribromophenol
 Concen: 106.677 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120936.D
 Acq: 20 Jul 2020 16:40

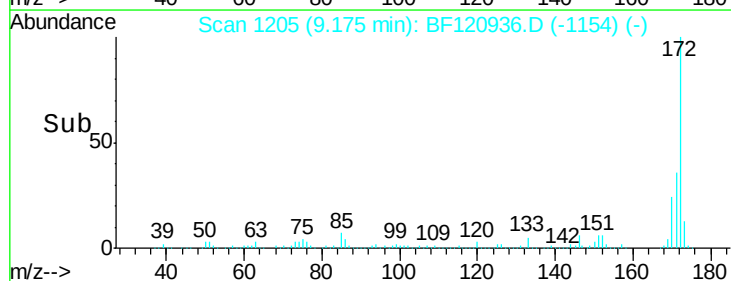
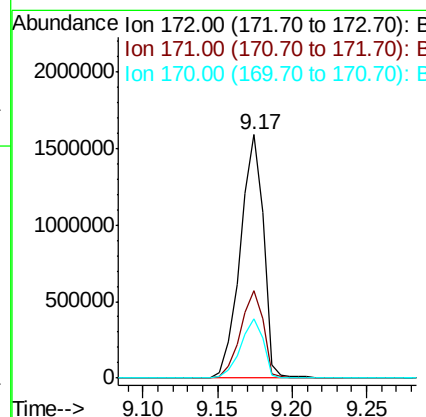
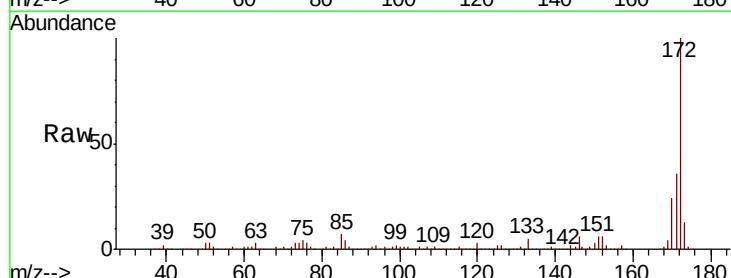
Instrument :
 BNA_F
 ClientSampleId :
 TP-14-D

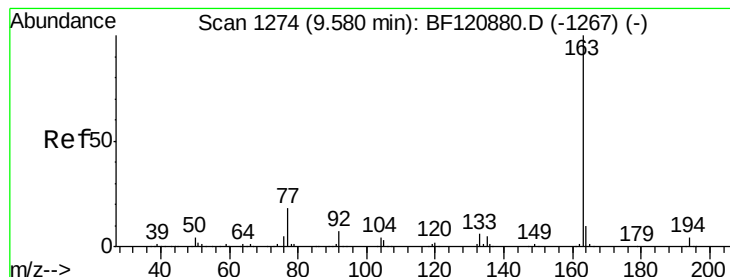
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.5	113.3
141	29.6	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 65.516 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120936.D
 Acq: 20 Jul 2020 16:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.4
170	24.5	19.6	29.4





#50

Dimethylphthalate

Concen: 7.084 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF120936.D

Acq: 20 Jul 2020 16:40

Instrument :

BNA_F

ClientSampleId :

TP-14-D

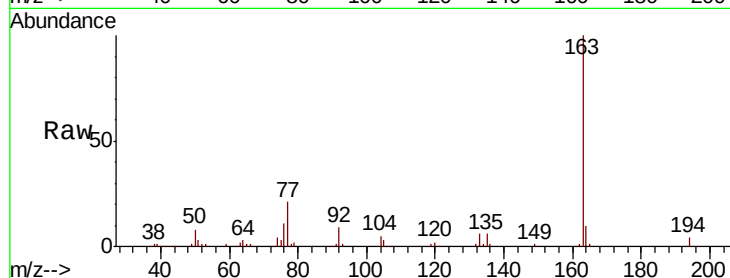
Tot Ion:163 Resp: 202308

Ion Ratio Lower Upper

163 100

194 3.6 3.2 4.8

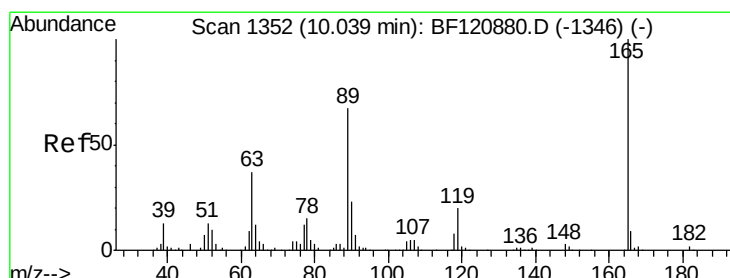
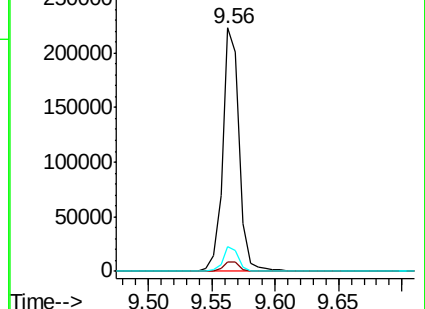
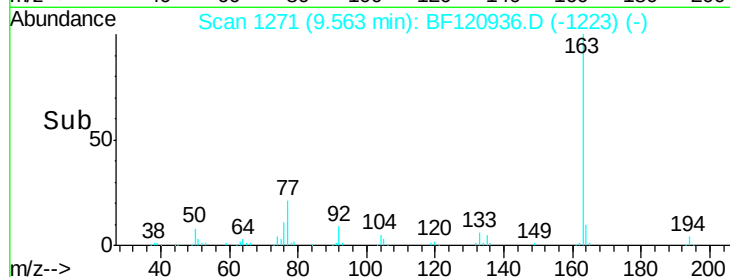
164 10.1 7.9 11.9



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: 6.332 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF120936.D

Acq: 20 Jul 2020 16:40

Tgt Ion:165 Resp: 51020

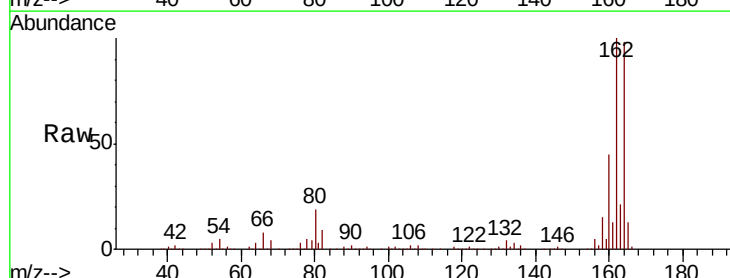
Ion Ratio Lower Upper

165 100

63 1.1 29.4 44.2#

89 1.3 53.4 80.0#

182 0.0 1.8 2.6#

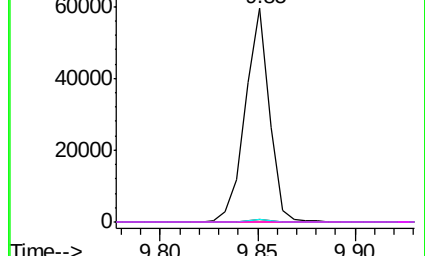
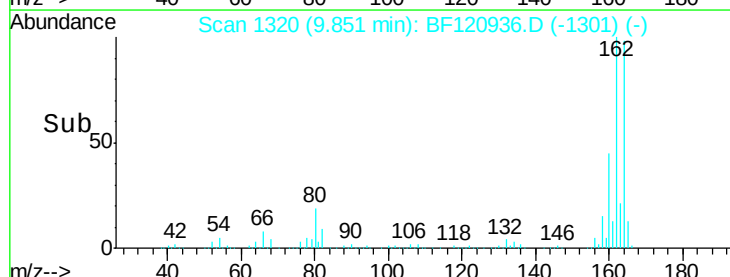


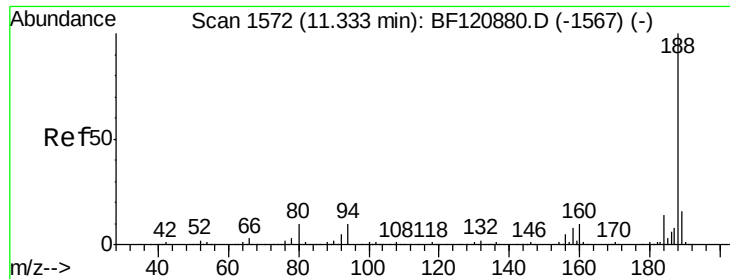
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1572

Delta R.T. 0.00 min

Lab File: BF120936.D

Acq: 20 Jul 2020 16:40

Instrument :

BNA_F

ClientSampleId :

TP-14-D

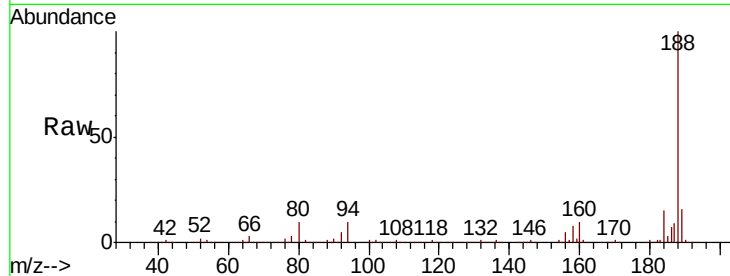
Tot Ion:188 Resp: 780191

Ion Ratio Lower Upper

188 100

94 9.7 8.0 12.0

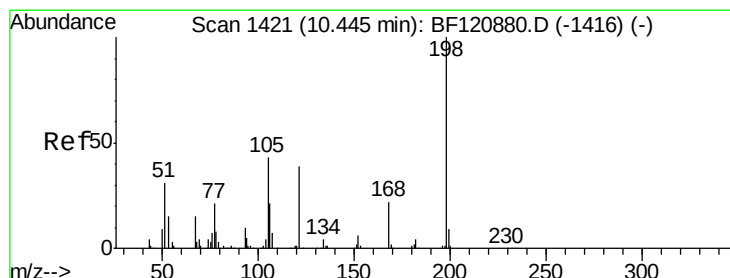
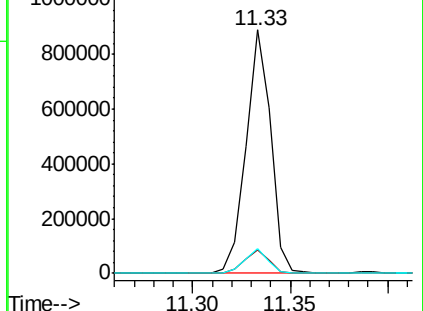
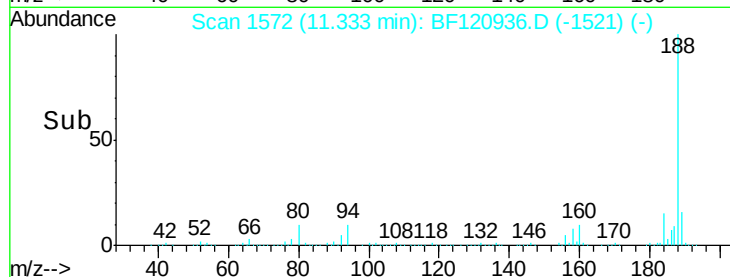
80 10.0 8.3 12.5



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: 4.054 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.19 min

Lab File: BF120936.D

Acq: 20 Jul 2020 16:40

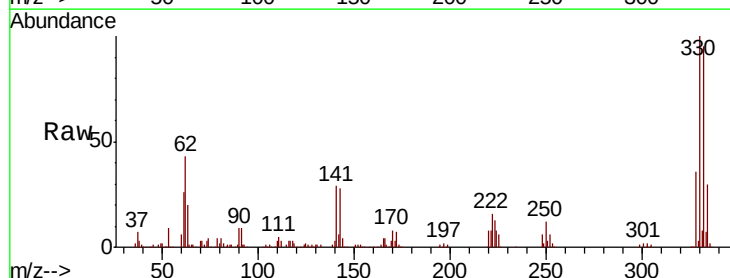
Tgt Ion:198 Resp: 1038

Ion Ratio Lower Upper

198 100

51 145.7 19.5 59.5#

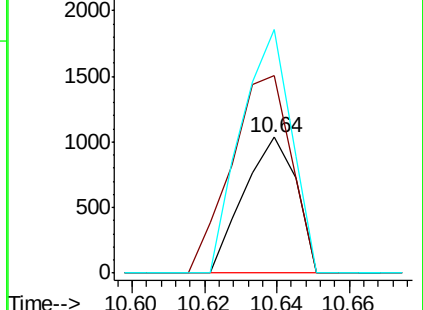
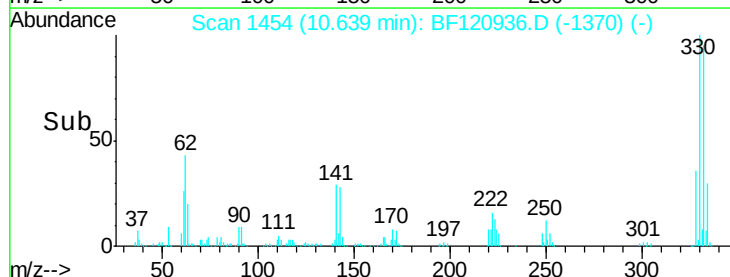
105 179.6 24.4 64.4#

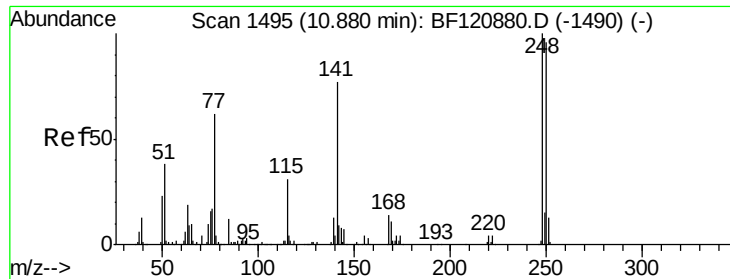


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

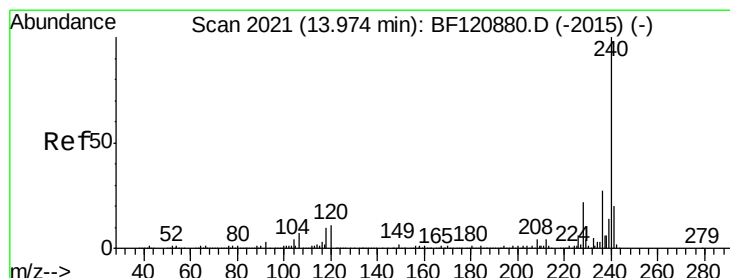
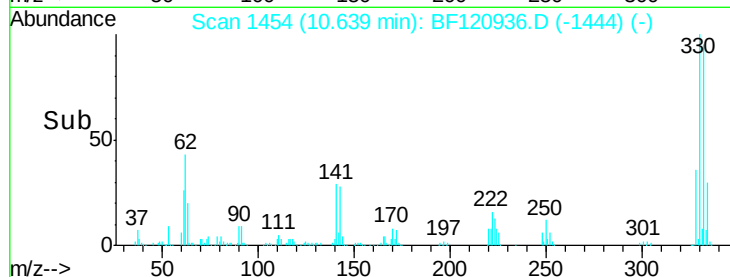
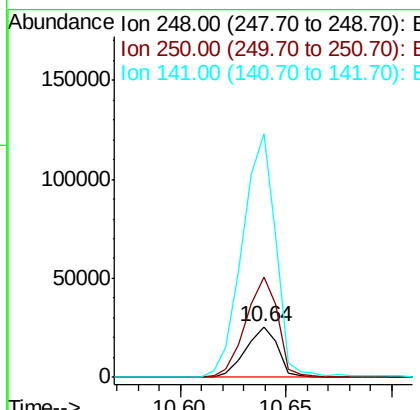
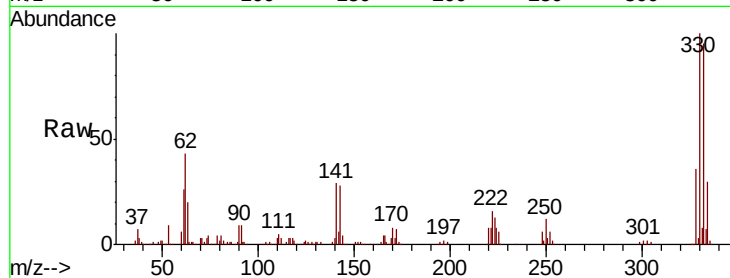




#67
4-Bromophenyl-phenylether
Concen: 3.084 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120936.D
Acq: 20 Jul 2020 16:40

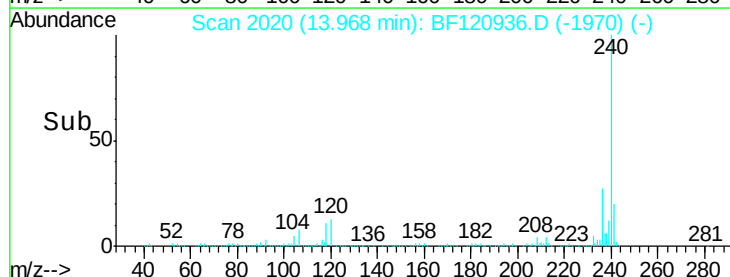
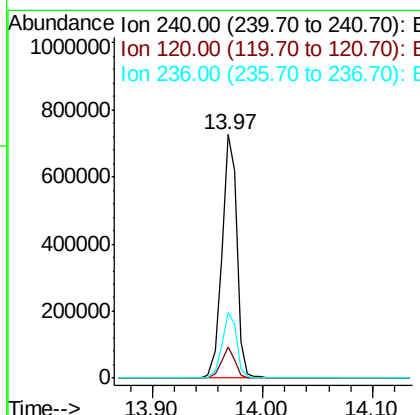
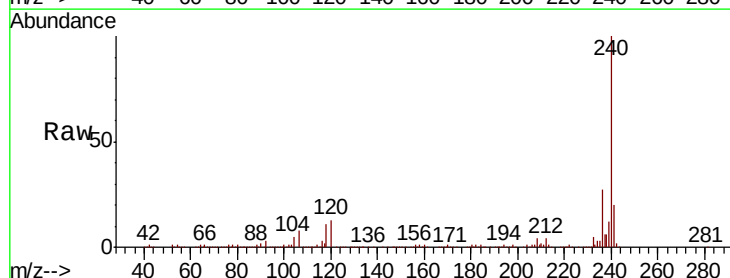
Instrument :
BNA_F
ClientSampleId :
TP-14-D

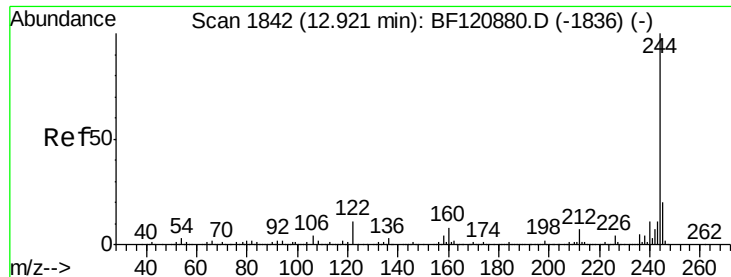
Tot Ion:248 Resp: 26827
Ion Ratio Lower Upper
248 100
250 198.1 77.1 115.7#
141 481.6 61.2 91.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120936.D
Acq: 20 Jul 2020 16:40

Tgt Ion:240 Resp: 683046
Ion Ratio Lower Upper
240 100
120 12.9 9.0 13.4
236 26.8 21.7 32.5

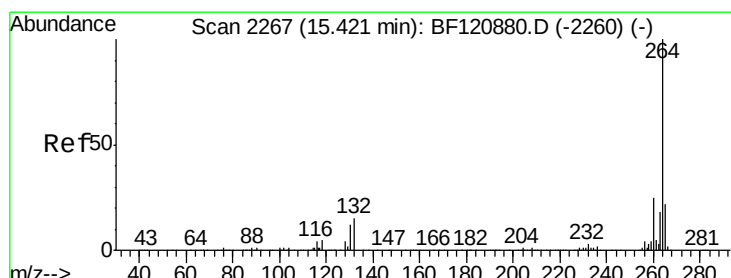
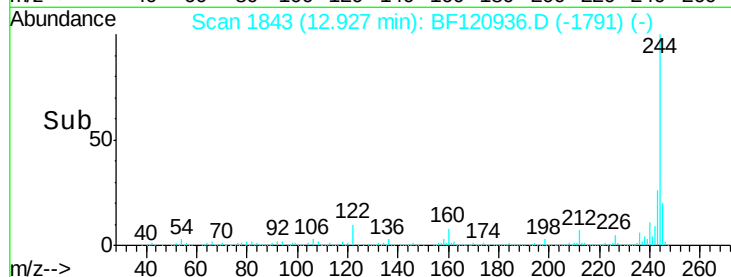
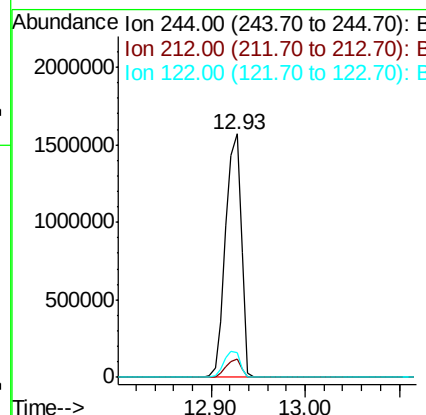
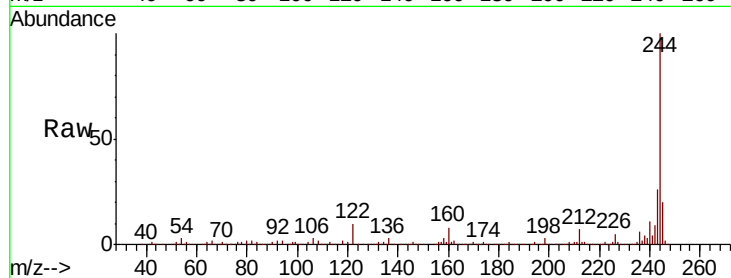




#79
Terphenyl-d14
Concen: 59.155 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF120936.D
Acq: 20 Jul 2020 16:40

Instrument :
BNA_F
ClientSampleId :
TP-14-D

Tot Ion:244 Resp: 1858759
Ion Ratio Lower Upper
244 100
212 7.3 5.6 8.4
122 10.3 8.9 13.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BF120936.D
Acq: 20 Jul 2020 16:40

Tgt Ion:264 Resp: 630698
Ion Ratio Lower Upper
264 100
260 25.5 20.0 30.0
265 21.6 17.4 26.2

