

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121061.D
 Acq On : 28 Jul 2020 10:48
 Operator : JU/CG
 Sample : L3435-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Jul 28 11:43:28 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

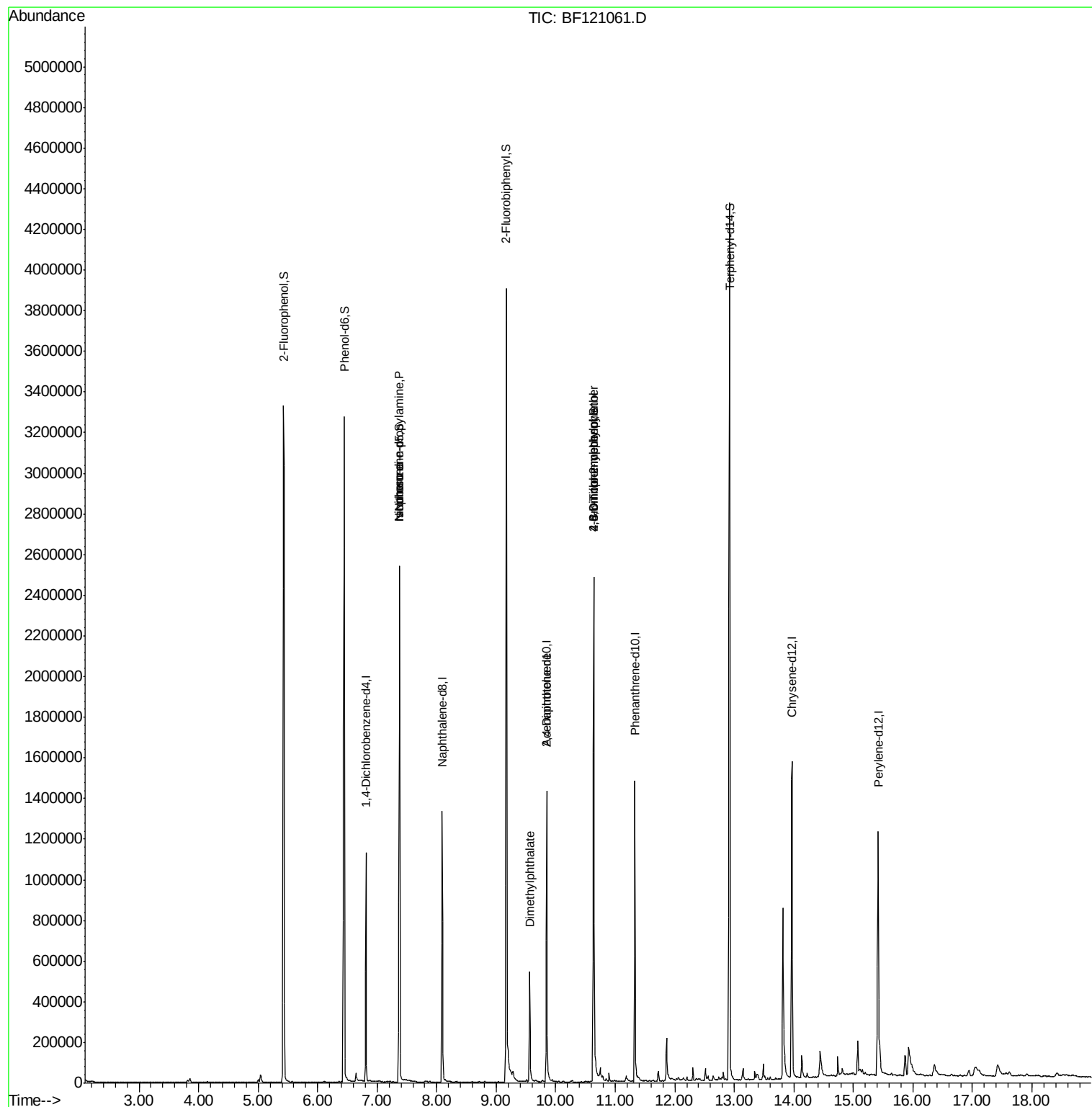
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	151748	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	563598	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	313083	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	624840	20.00	ng	0.00
76) Chrysene-d12	13.97	240	608950	20.00	ng	0.00
86) Perylene-d12	15.42	264	623568	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1193718	128.96	ng	0.00
7) Phenol-d6	6.45	99	1457605	121.90	ng	0.00
23) Nitrobenzene-d5	7.37	82	924146	94.88	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	463981	135.39	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1717744	81.92	ng	0.00
79) Terphenyl-d14	12.92	244	1840034	65.68	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	951	Below Cal		91
19) n-Nitroso-di-n-propylamine	7.37	70	121624	17.888 ng	#	77
25) Isophorone	7.37	82	924137	47.540 ng	#	63
50) Dimethylphthalate	9.56	163	234387	10.377 ng		100
57) 2,4-Dinitrotoluene	9.85	165	39917	6.264 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.63	198	726	4.027 ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	26472	3.800 ng	#	1

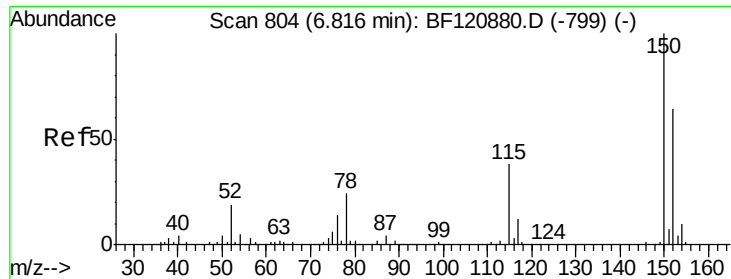
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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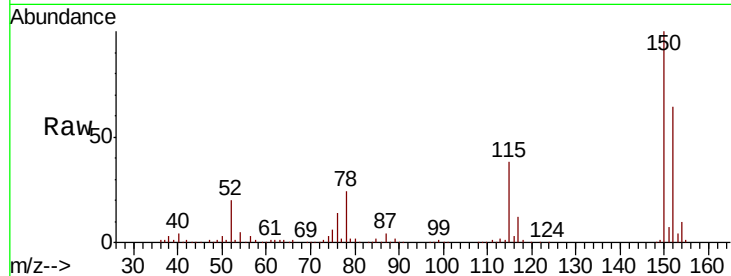


#1

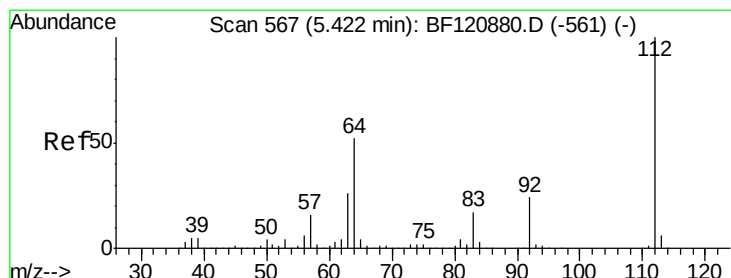
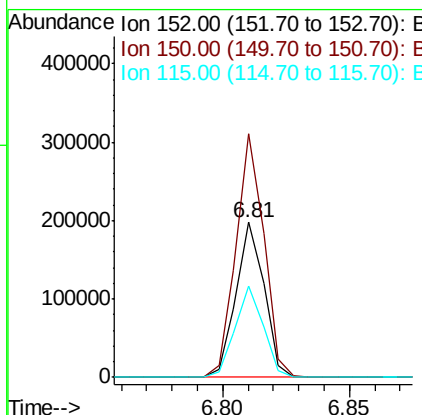
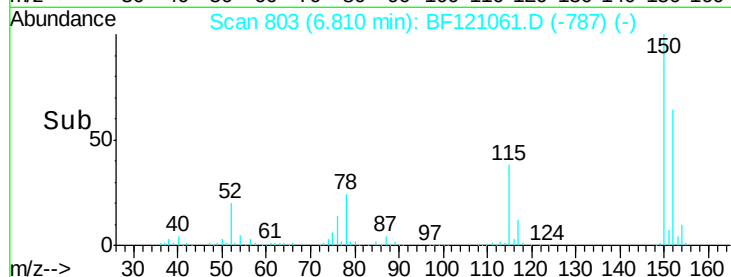
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121061.D
Acq: 28 Jul 2020 10:48

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:152 Resp: 151748
Ion Ratio Lower Upper
152 100
150 156.8 125.0 187.6
115 59.1 47.0 70.4



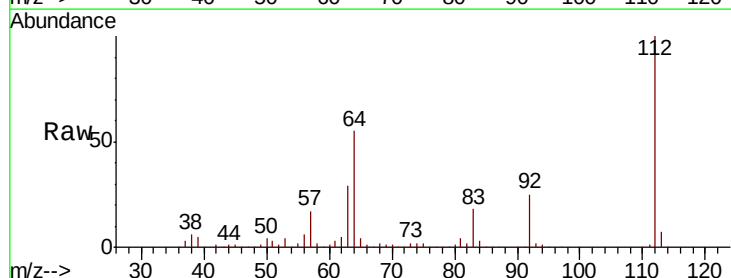
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



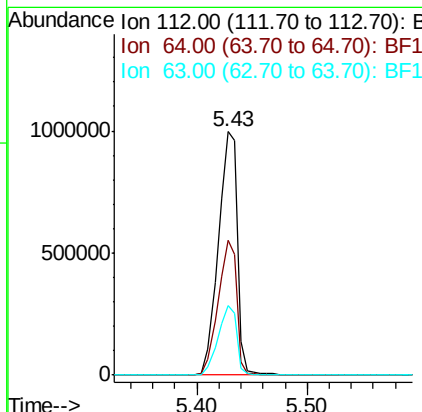
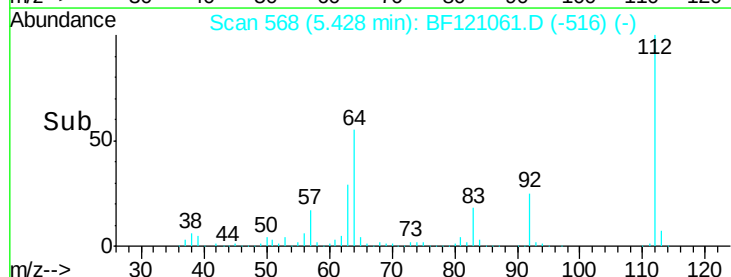
#5

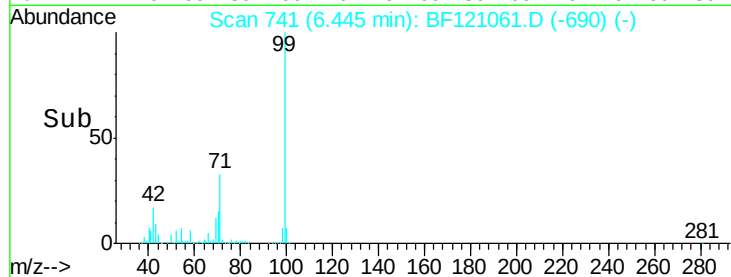
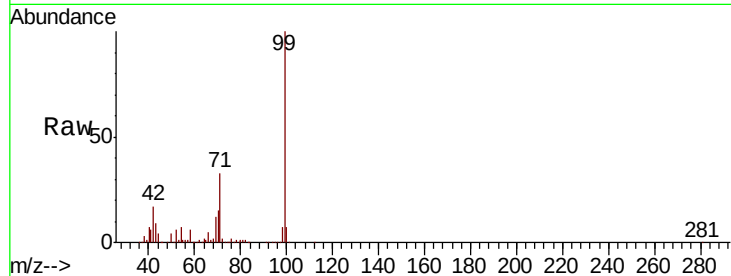
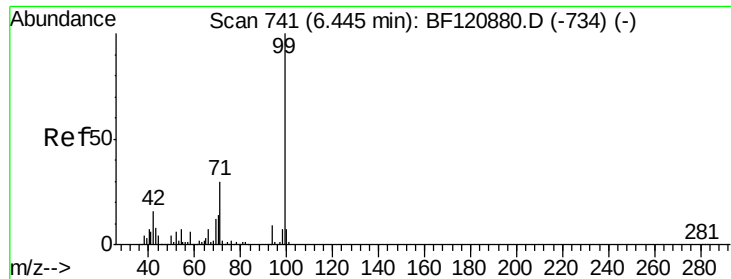
2-Fluorophenol
Concen: 128.959 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121061.D
Acq: 28 Jul 2020 10:48

Tgt Ion:112 Resp: 1193718
Ion Ratio Lower Upper
112 100
64 55.2 41.3 61.9
63 28.8 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: 121.903 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121061.D

Acq: 28 Jul 2020 10:48

Instrument :

BNA_F

ClientSampleId :

SP-1

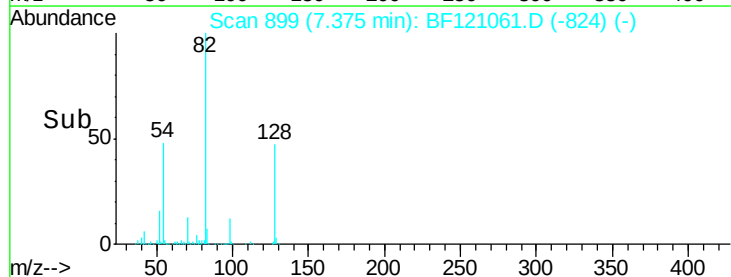
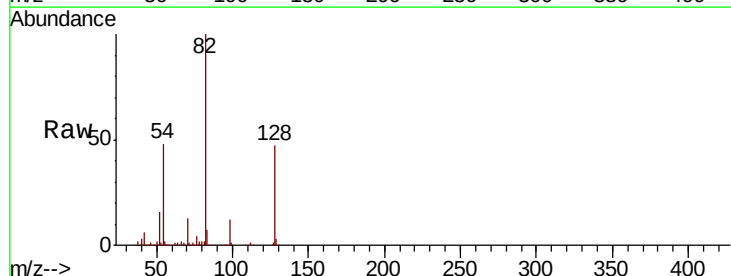
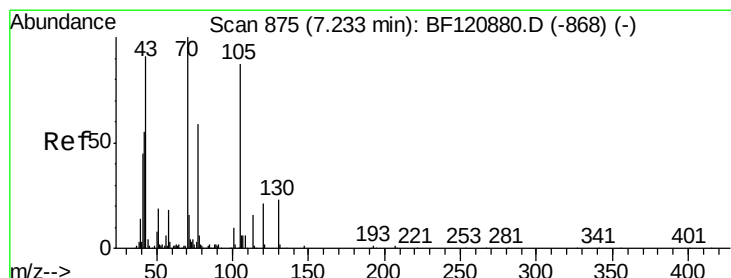
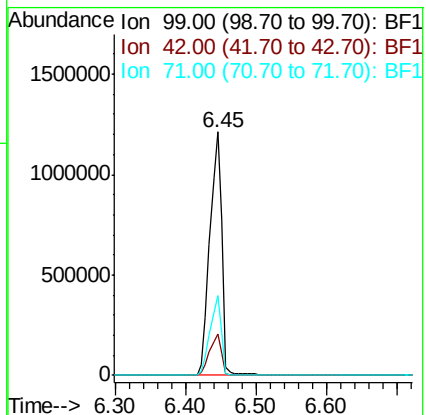
Tot Ion: 99 Resp: 1457605

Ion Ratio Lower Upper

99 100

42 17.2 13.1 19.7

71 32.7 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.888 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF121061.D

Acq: 28 Jul 2020 10:48

Tgt Ion: 70 Resp: 121624

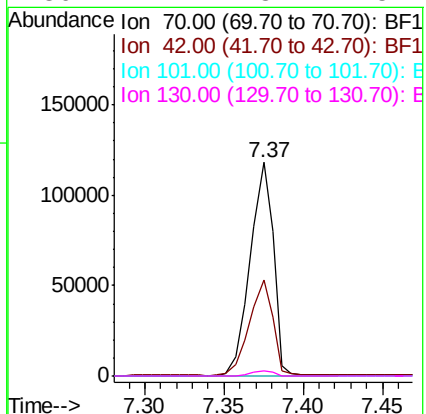
Ion Ratio Lower Upper

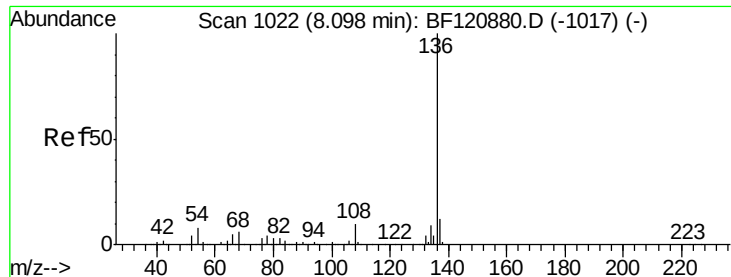
70 100

42 44.8 44.0 66.0

101 0.0 7.8 11.6#

130 2.4 18.7 28.1#

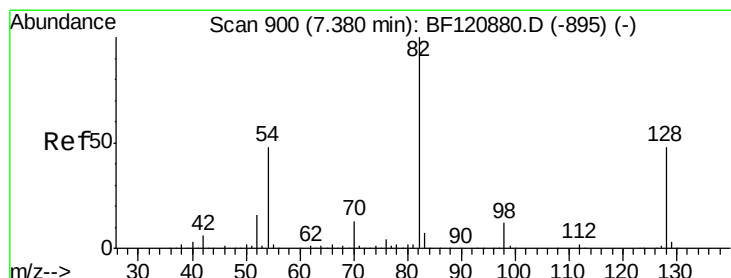
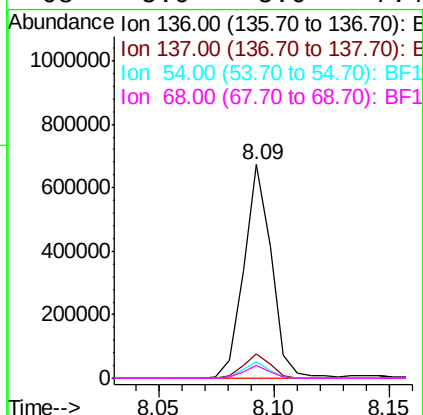
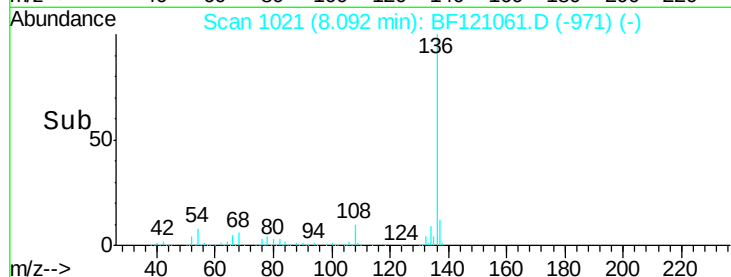
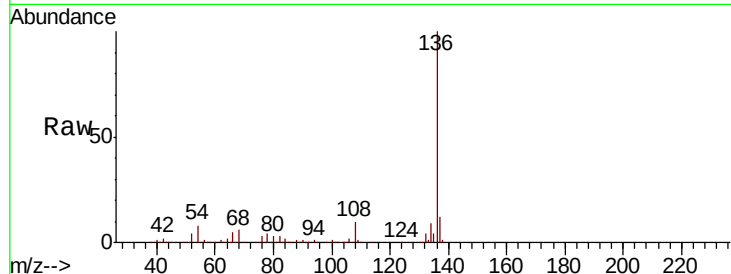




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121061.D
Acq: 28 Jul 2020 10:48

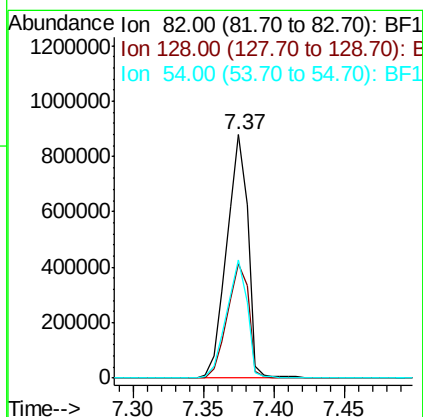
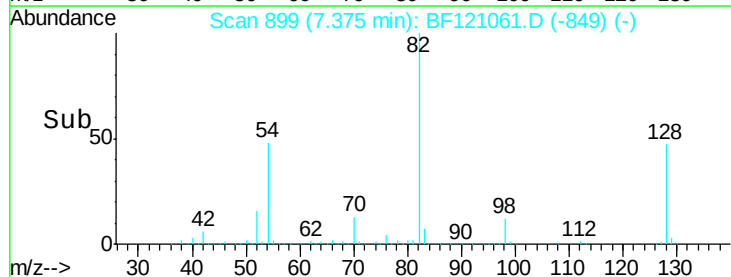
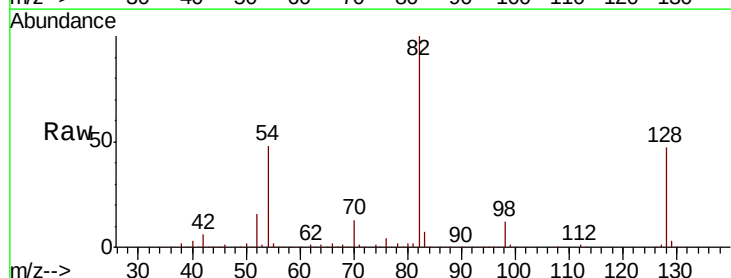
Instrument :
BNA_F
ClientSampled :
SP-1

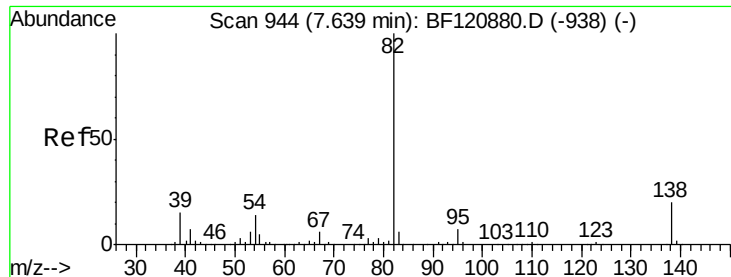
Tot Ion:136	Resp:	563598
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.3 13.9
54	7.6	6.3 9.5
68	5.9	5.0 7.4



#23
Nitrobenzene-d5
Concen: 94.880 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121061.D
Acq: 28 Jul 2020 10:48

Tgt Ion: 82	Resp:	924146
Ion Ratio	Lower	Upper
82	100	
128	46.9	38.2 57.4
54	48.5	38.7 58.1





#25

Isophorone

Concen: 47.540 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121061.D

Acq: 28 Jul 2020 10:48

Instrument :

BNA_F

ClientSampleId :

SP-1

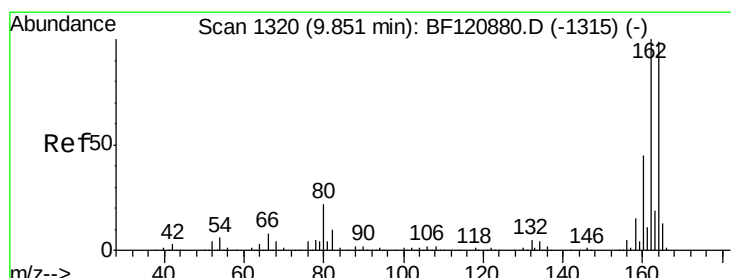
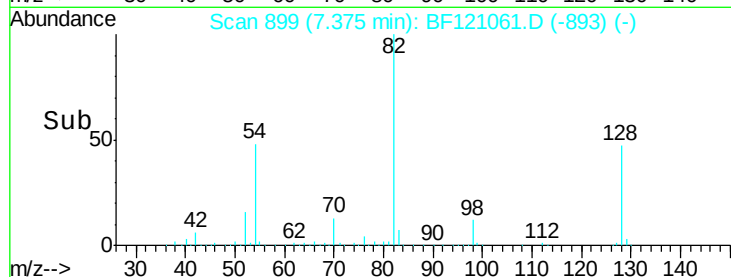
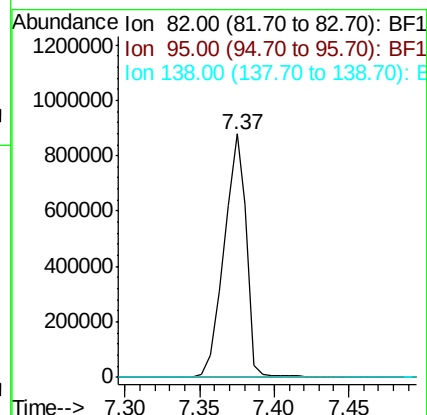
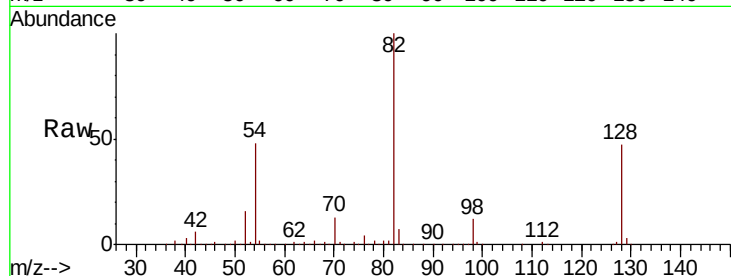
Tot Ion: 82 Resp: 924137

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: BF121061.D

Acq: 28 Jul 2020 10:48

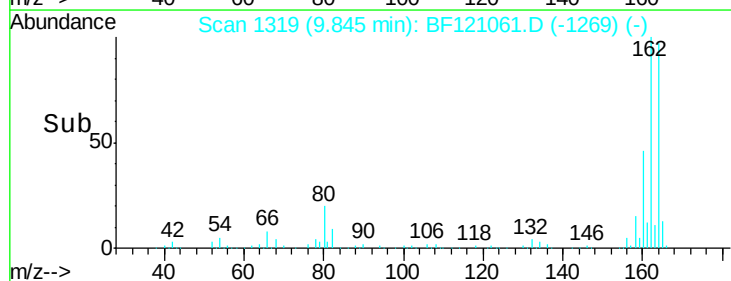
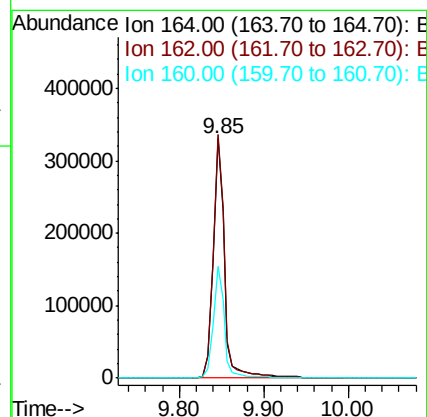
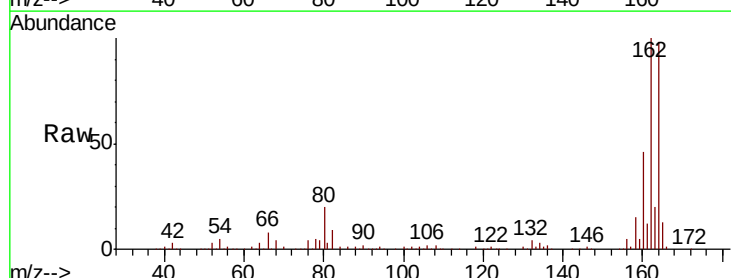
Tgt Ion: 164 Resp: 313083

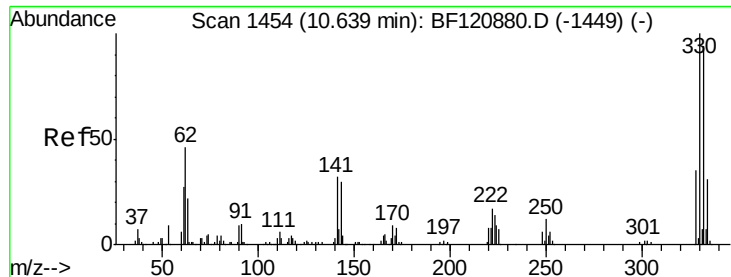
Ion Ratio Lower Upper

164 100

162 101.8 81.2 121.8

160 46.6 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 135.390 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF121061.D

Acq: 28 Jul 2020 10:48

Instrument :

BNA_F

ClientSampled :

SP-1

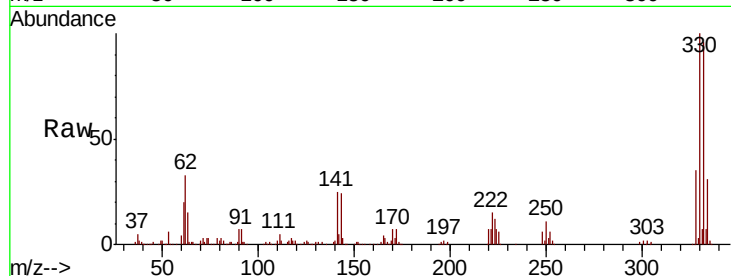
Tot Ion:330 Resp: 463981

Ion Ratio Lower Upper

330 100

332 95.2 75.5 113.3

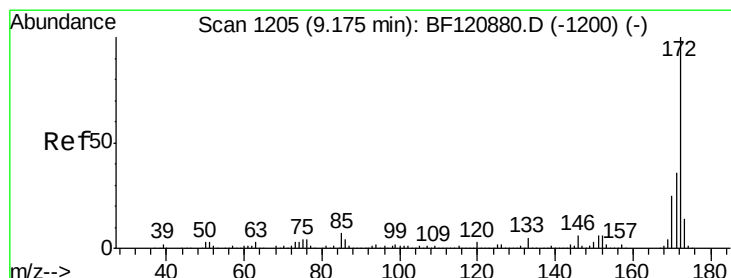
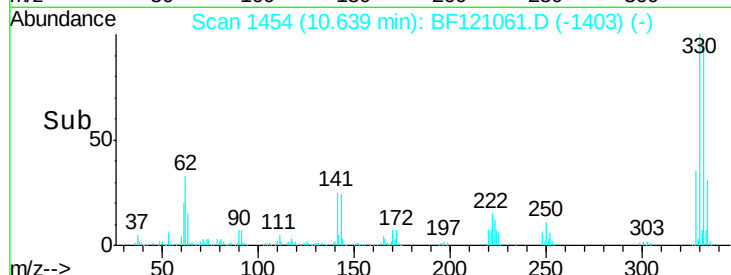
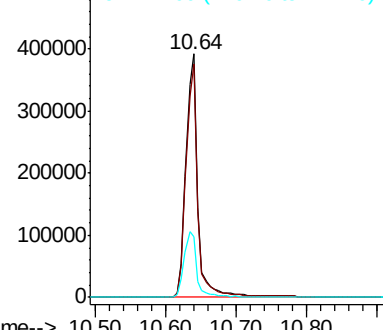
141 29.8 25.7 38.5



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: 81.916 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF121061.D

Acq: 28 Jul 2020 10:48

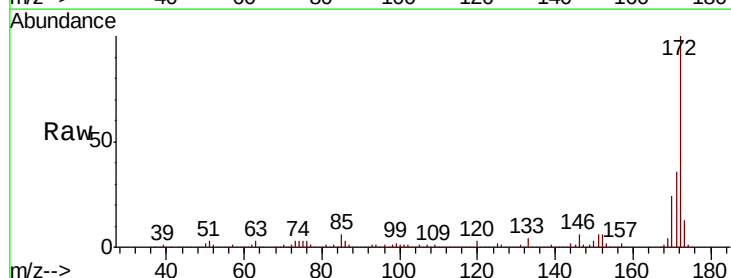
Tgt Ion:172 Resp: 1717744

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

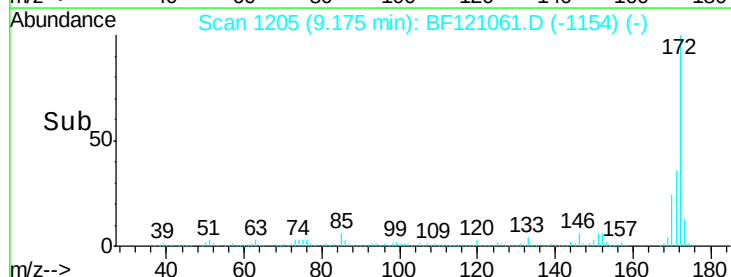
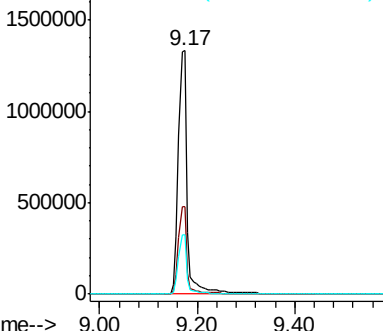
170 24.1 19.6 29.4

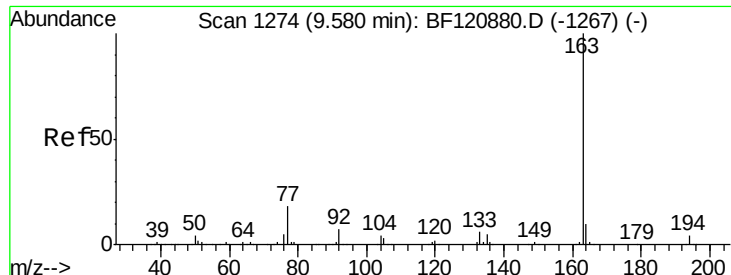


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

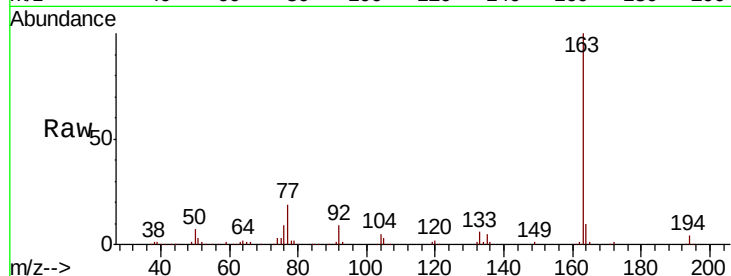




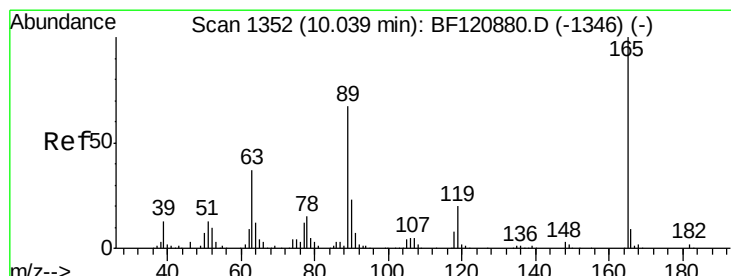
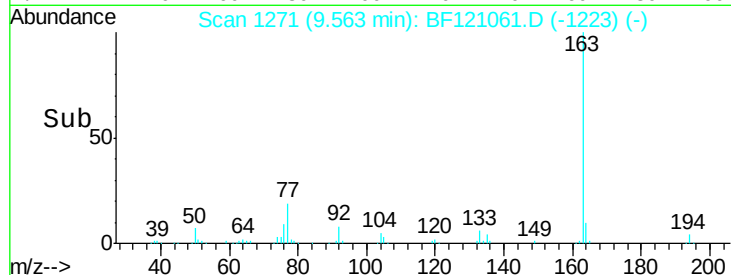
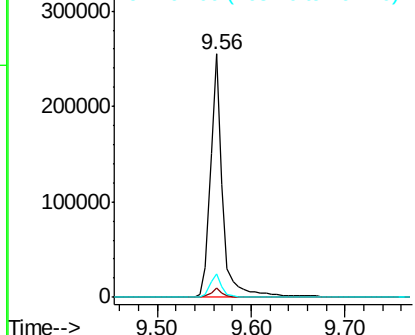
#50
Dimethylphthalate
Concen: 10.377 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121061.D
Acq: 28 Jul 2020 10:48

Instrument :
BNA_F
ClientSampleId :
SP-1

Tot Ion:163 Resp: 234387
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.7 7.9 11.9

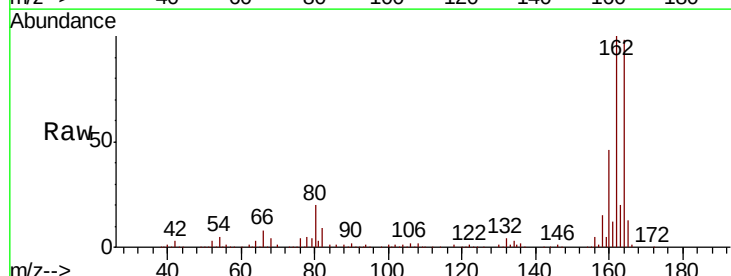


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

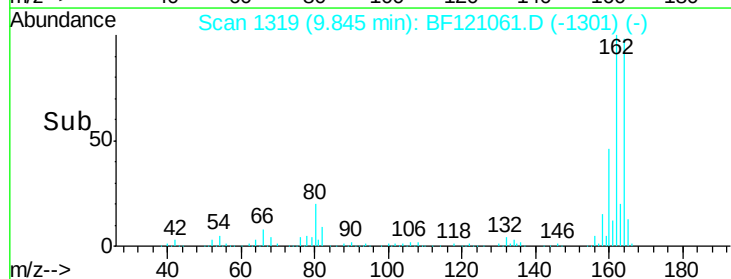
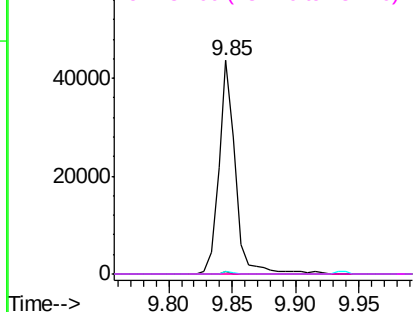


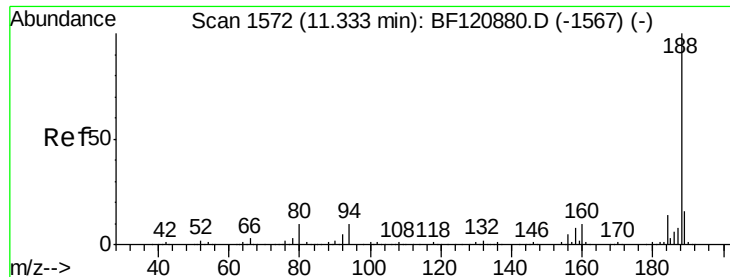
#57
2,4-Dinitrotoluene
Concen: 6.264 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF121061.D
Acq: 28 Jul 2020 10:48

Tgt Ion:165 Resp: 39917
Ion Ratio Lower Upper
165 100
63 1.3 29.4 44.2#
89 1.2 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: BF121061.D

Acq: 28 Jul 2020 10:48

Instrument :

BNA_F

ClientSampleId :

SP-1

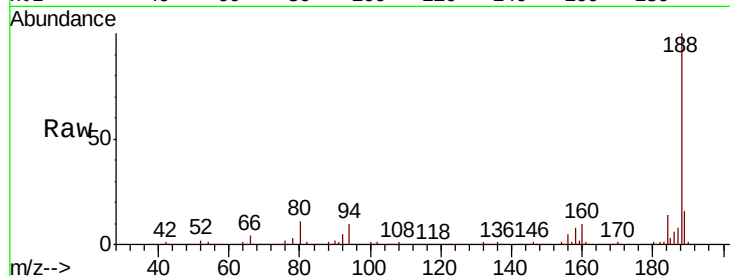
Tot Ion:188 Resp: 624840

Ion Ratio Lower Upper

188 100

94 10.0 8.0 12.0

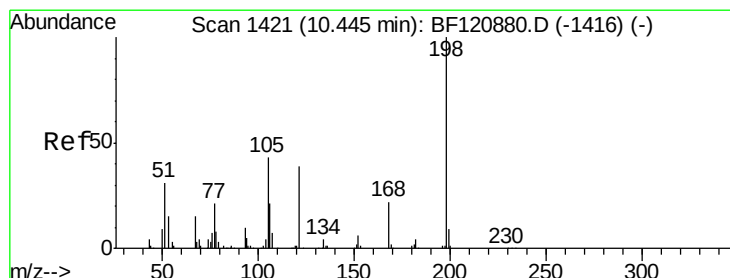
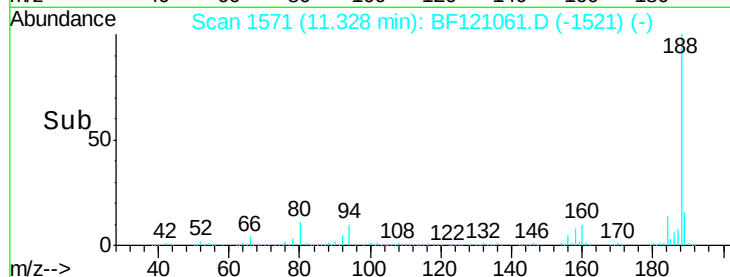
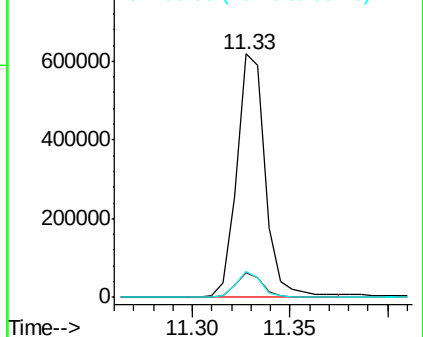
80 10.7 8.3 12.5



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: 4.027 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.19 min

Lab File: BF121061.D

Acq: 28 Jul 2020 10:48

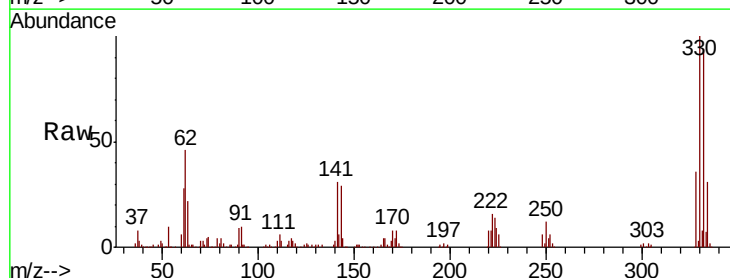
Tgt Ion:198 Resp: 726

Ion Ratio Lower Upper

198 100

51 175.6 19.5 59.5#

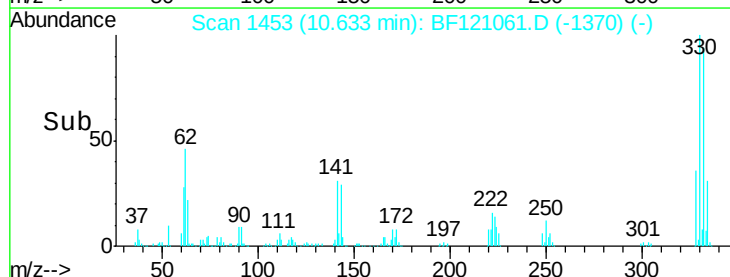
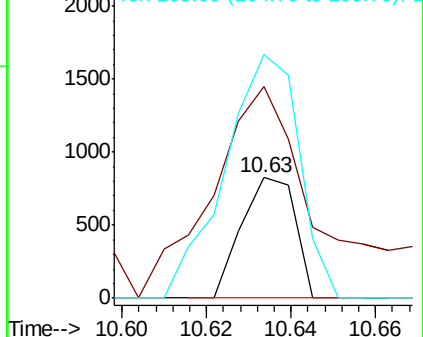
105 202.1 24.4 64.4#

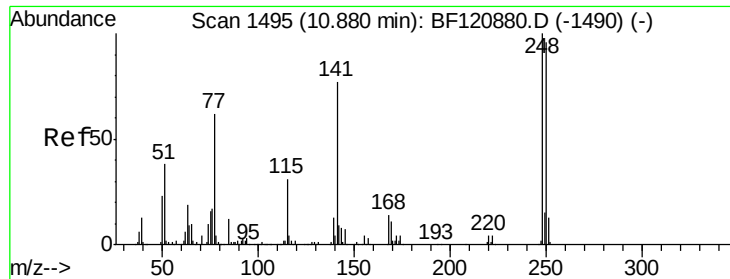


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

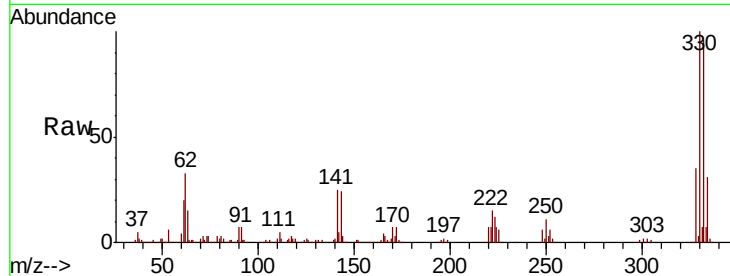




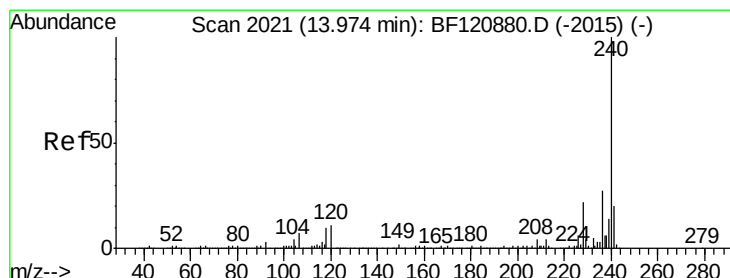
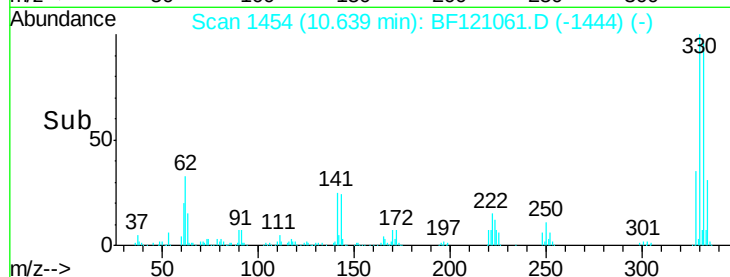
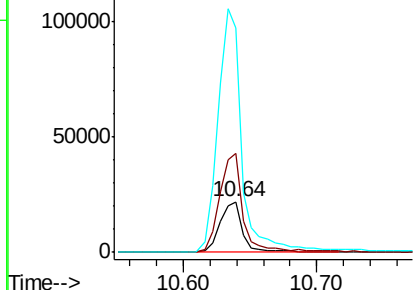
#67
4-Bromophenyl-phenylether
Concen: 3.800 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF121061.D
Acq: 28 Jul 2020 10:48

Instrument :
BNA_F
ClientSampled :
SP-1

Tot Ion:248 Resp: 26472
Ion Ratio Lower Upper
248 100
250 196.1 77.1 115.7#
141 442.7 61.2 91.8#

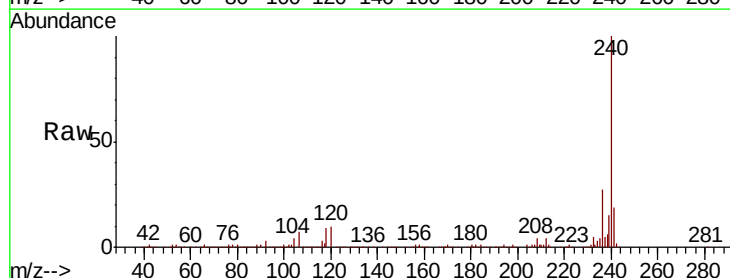


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

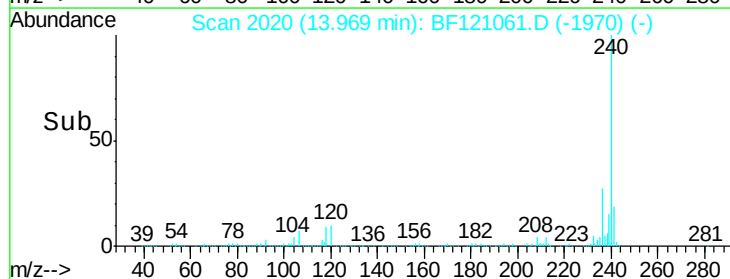
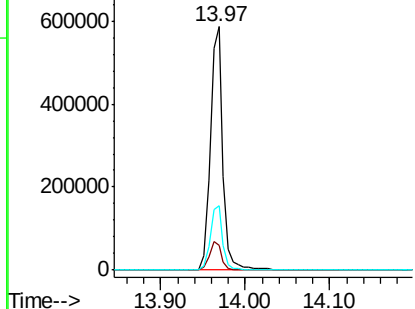


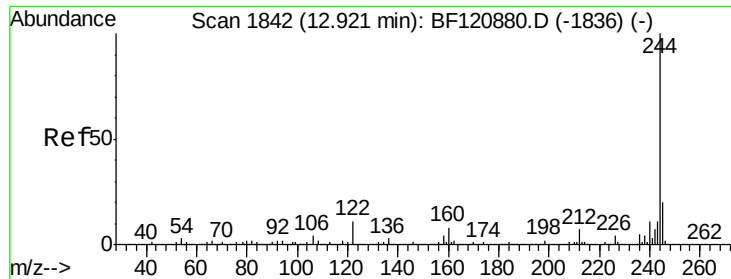
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121061.D
Acq: 28 Jul 2020 10:48

Tgt Ion:240 Resp: 608950
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.4
236 26.6 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

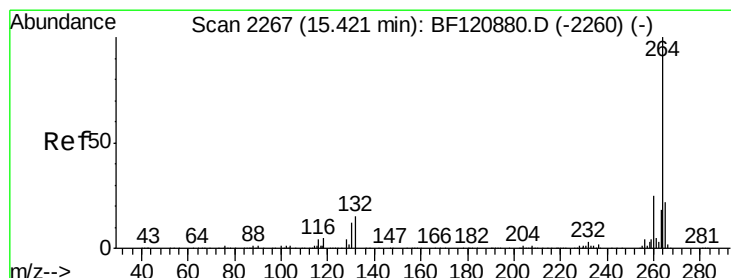
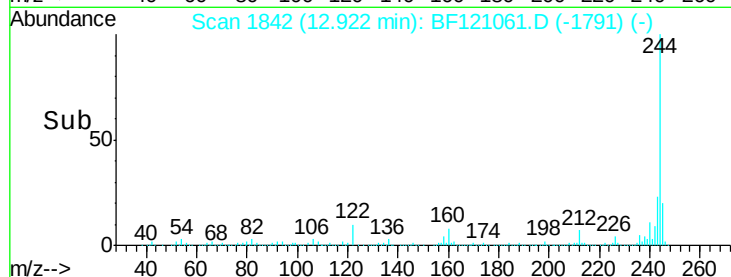
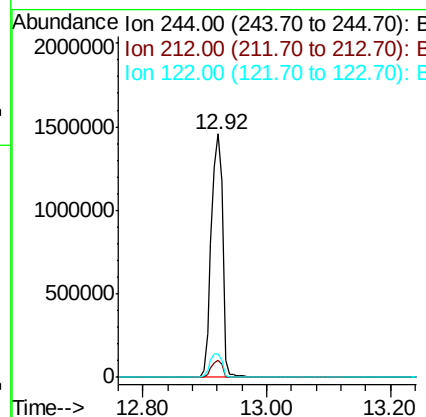
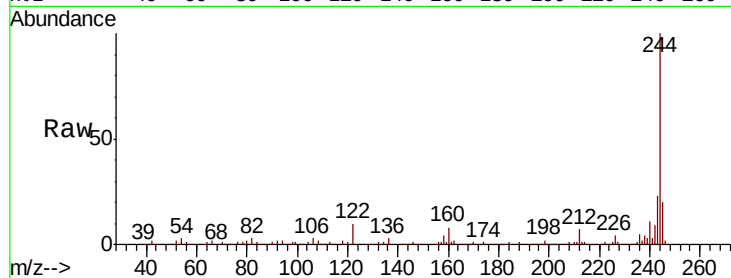




#79
 Terphenyl-d14
 Concen: 65.684 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121061.D
 Acq: 28 Jul 2020 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tot Ion:244 Resp: 1840034
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 9.9 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: BF121061.D
 Acq: 28 Jul 2020 10:48

Tgt Ion:264 Resp: 623568
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.0 30.0
 265 21.5 17.4 26.2

