

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120904.D
 Acq On : 17 Jul 2020 00:22
 Operator : JU/CG
 Sample : L3308-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12

Quant Time: Jul 17 01:57:29 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

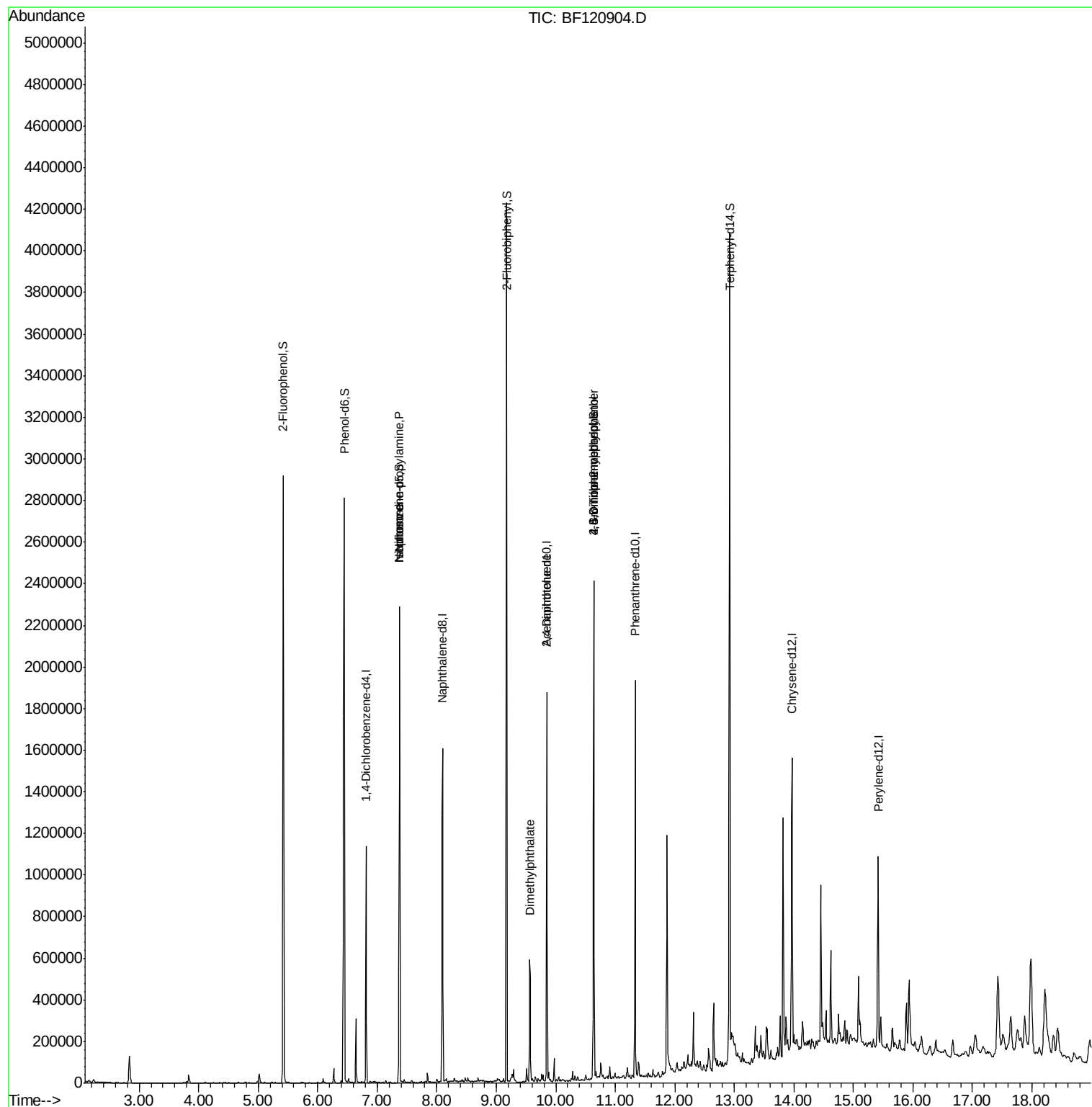
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	171992	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	665621	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	350687	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	654436	20.00	ng	0.00
76) Chrysene-d12	13.97	240	464328	20.00	ng	0.00
86) Perylene-d12	15.42	264	394129	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	903524	86.12	ng	0.00
7) Phenol-d6	6.45	99	1129825	83.37	ng	0.00
23) Nitrobenzene-d5	7.37	82	689733	59.96	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	340537	88.71	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1270252	54.08	ng	0.00
79) Terphenyl-d14	12.92	244	1322873	61.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	301	Below Cal		91
19) n-Nitroso-di-n-propylamine	7.37	70	88985	11.547 ng	#	79
25) Isophorone	7.37	82	686921	29.921 ng	#	63
50) Dimethylphthalate	9.56	163	225090	8.897 ng		99
57) 2,4-Dinitrotoluene	9.85	165	45669	6.398 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.64	198	743	4.023 ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	19904	2.728 ng	#	1

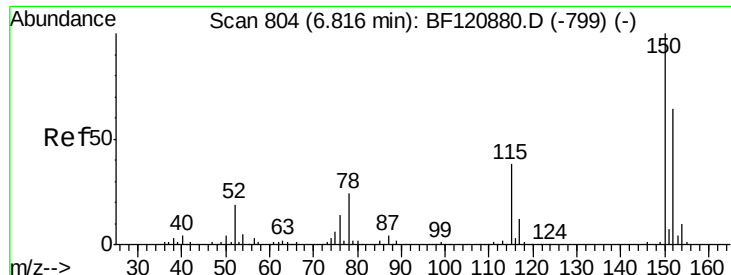
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
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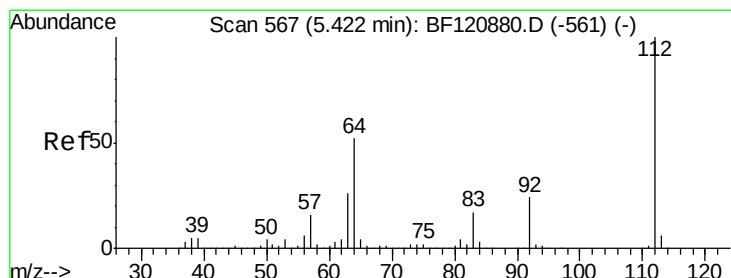
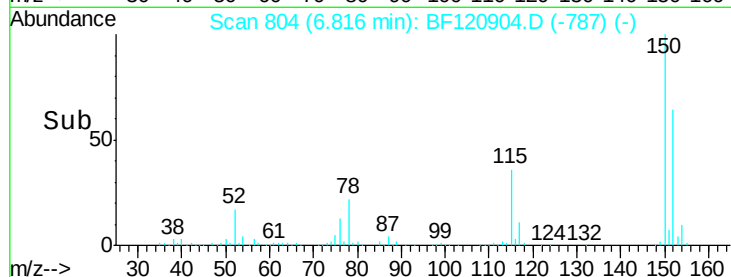
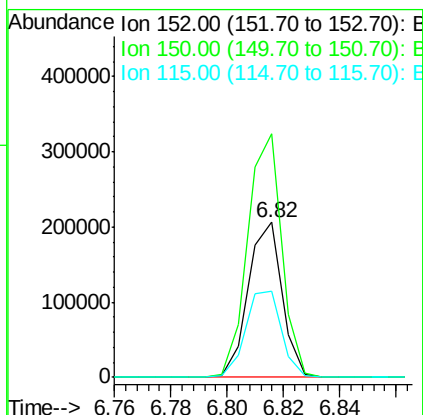
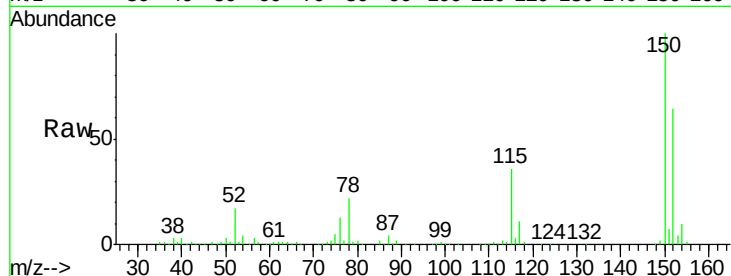


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF120904.D
Acq: 17 Jul 2020 00:22

Instrument :
BNA_F
ClientSampled :
12

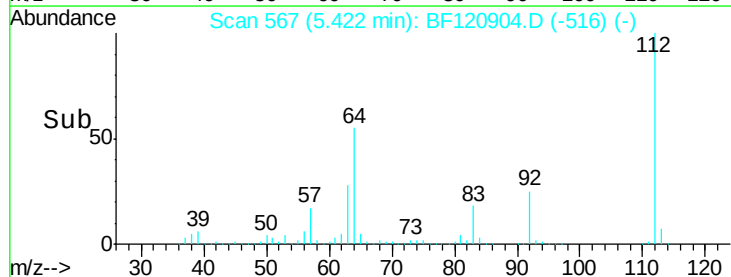
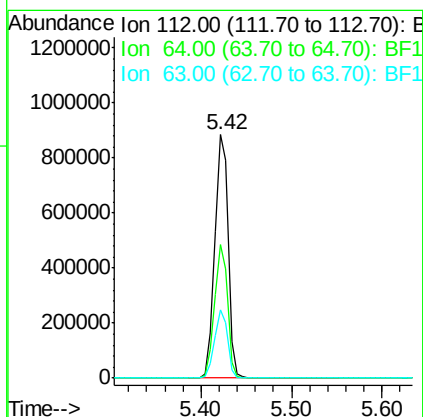
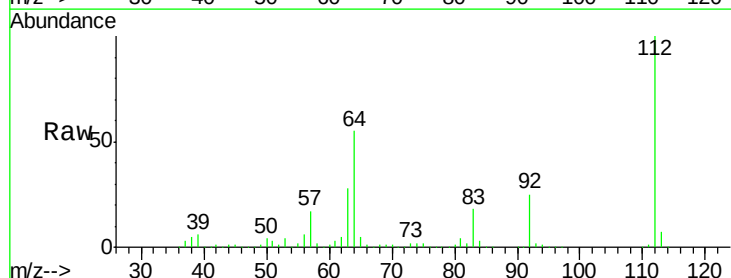
Tot Ion:152 Resp: 171992
Ion Ratio Lower Upper
152 100
150 156.9 125.0 187.6
115 55.8 47.0 70.4

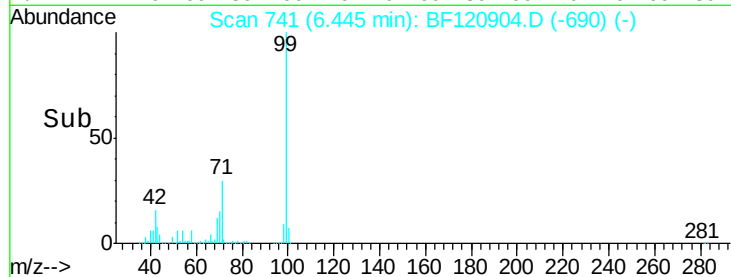
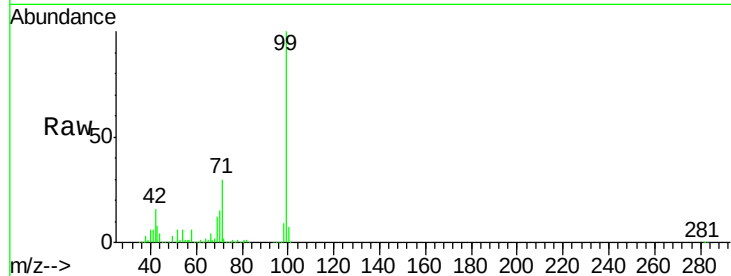
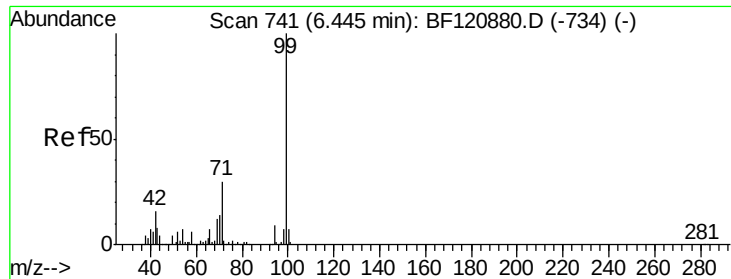


#5

2-Fluorophenol
Concen: 86.120 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF120904.D
Acq: 17 Jul 2020 00:22

Tgt Ion:112 Resp: 903524
Ion Ratio Lower Upper
112 100
64 55.0 41.3 61.9
63 28.2 21.1 31.7





#7

Phenol-d6

Concen: 83.368 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF120904.D

Acq: 17 Jul 2020 00:22

Instrument :

BNA_F

ClientSampled :

12

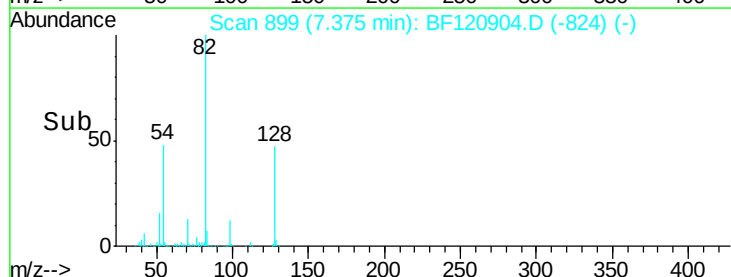
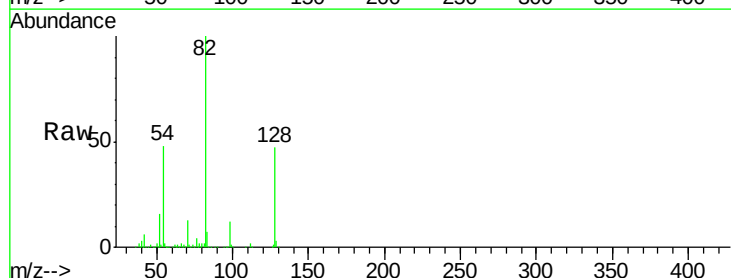
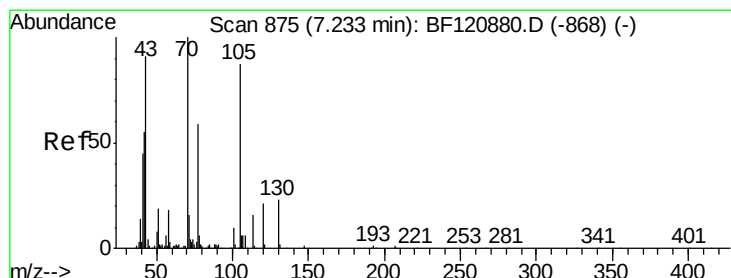
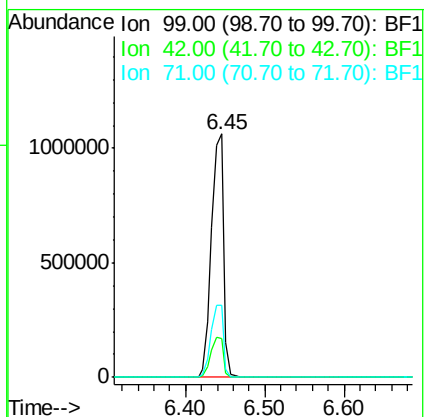
Tot Ion: 99 Resp: 1129825

Ion Ratio Lower Upper

99 100

42 16.2 13.1 19.7

71 29.7 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.547 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120904.D

Acq: 17 Jul 2020 00:22

Tgt Ion: 70 Resp: 88985

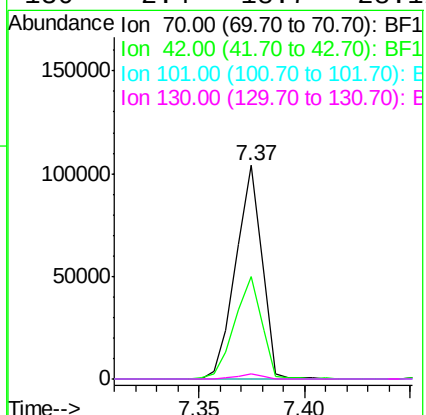
Ion Ratio Lower Upper

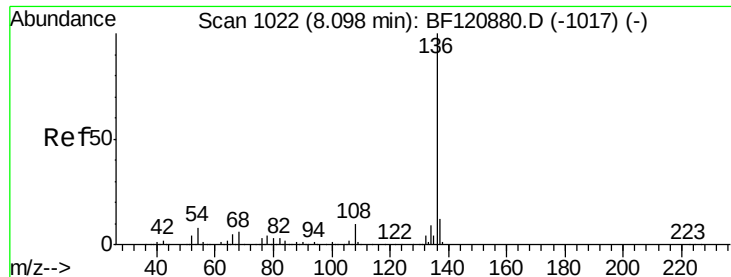
70 100

42 47.8 44.0 66.0

101 0.0 7.8 11.6#

130 2.4 18.7 28.1#

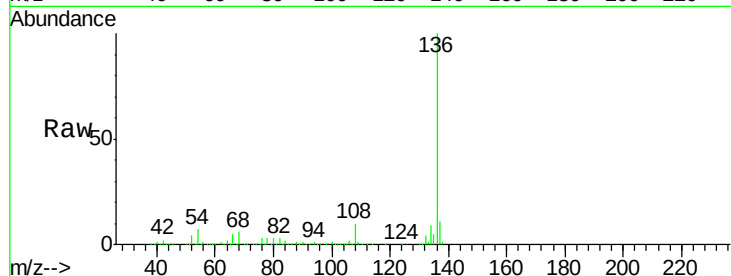




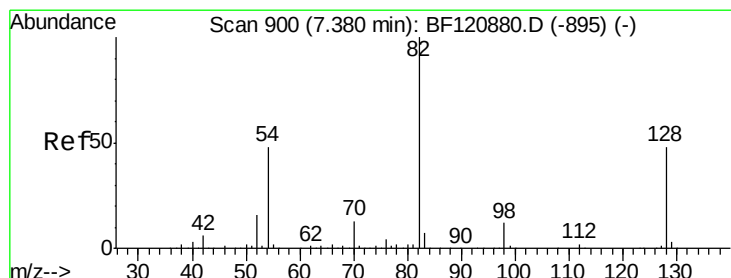
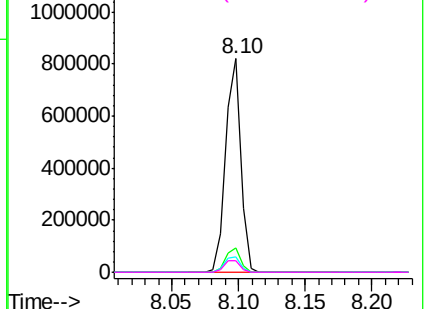
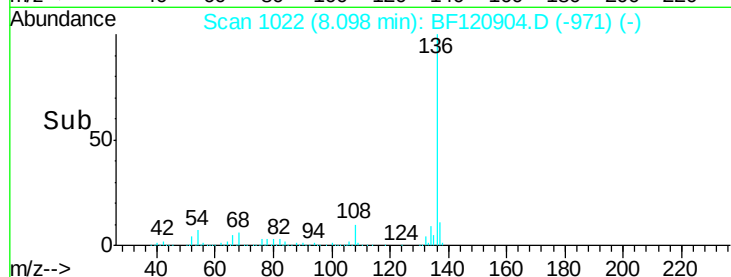
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF120904.D
Acq: 17 Jul 2020 00:22

Instrument :
BNA_F
ClientSampleId :
12

Tot Ion:136	Resp:	665621	
Ion Ratio	Lower	Upper	
136 100			
137 11.3	9.3	13.9	
54 6.9	6.3	9.5	
68 5.6	5.0	7.4	

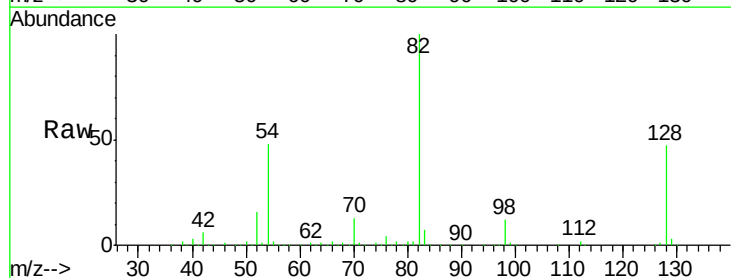


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

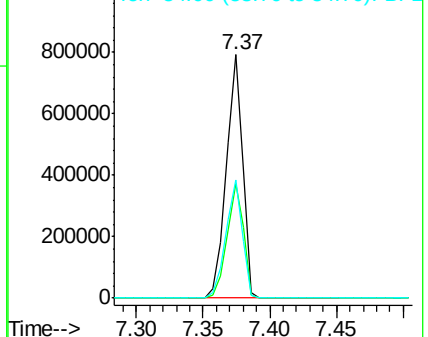
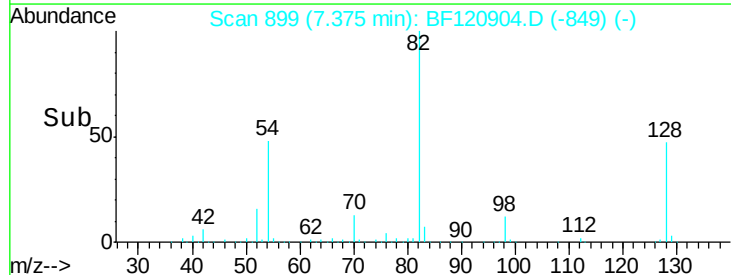


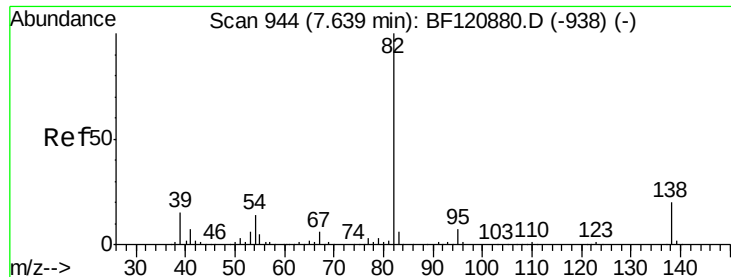
#23
Nitrobenzene-d5
Concen: 59.959 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120904.D
Acq: 17 Jul 2020 00:22

Tgt Ion: 82	Resp: 689733
Ion Ratio	Lower Upper
82 100	
128 46.9	38.2 57.4
54 48.4	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: 29.921 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120904.D

Acq: 17 Jul 2020 00:22

Instrument :

BNA_F

ClientSampled :

12

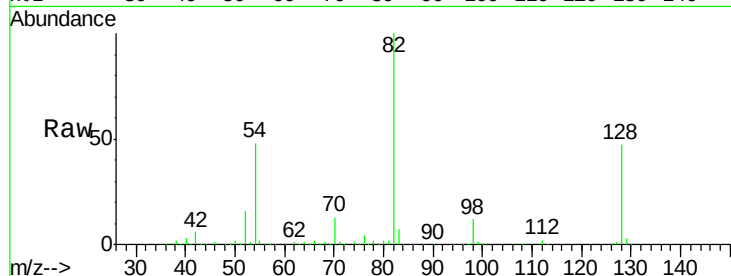
Tot Ion: 82 Resp: 686921

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

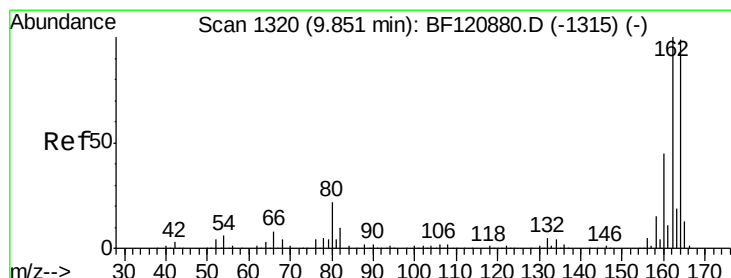
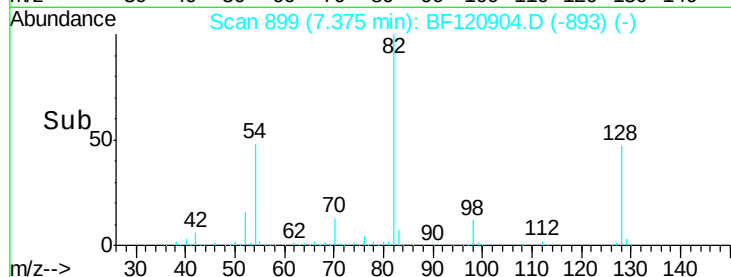
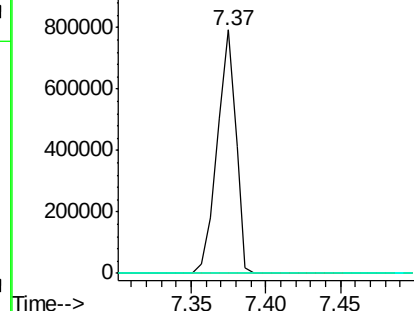
138 0.0 15.6 23.4#



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: BF120904.D

Acq: 17 Jul 2020 00:22

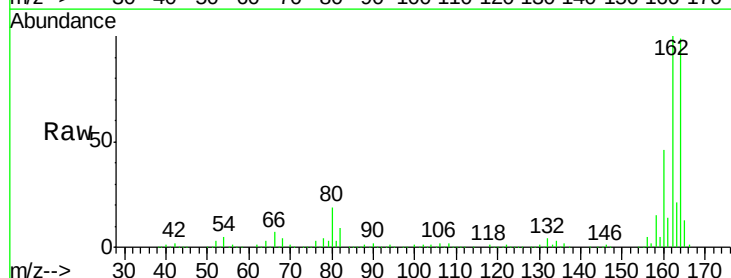
Tgt Ion: 164 Resp: 350687

Ion Ratio Lower Upper

164 100

162 101.3 81.2 121.8

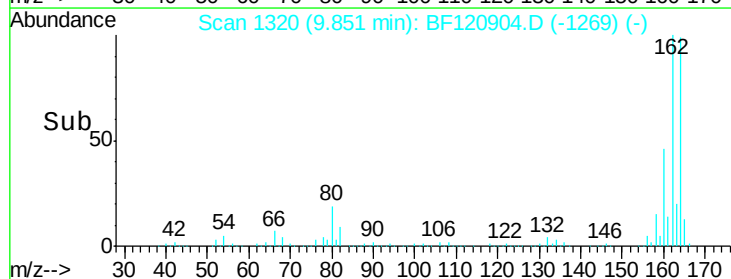
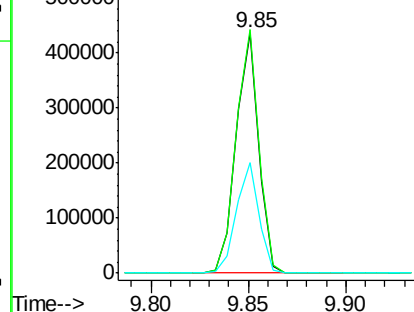
160 46.1 36.9 55.3

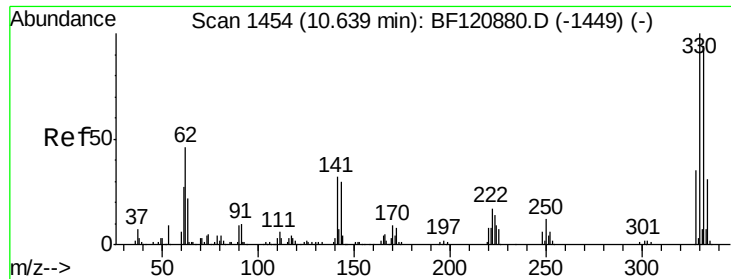


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 88.713 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF120904.D

Acq: 17 Jul 2020 00:22

Instrument :

BNA_F

ClientSampleId :

12

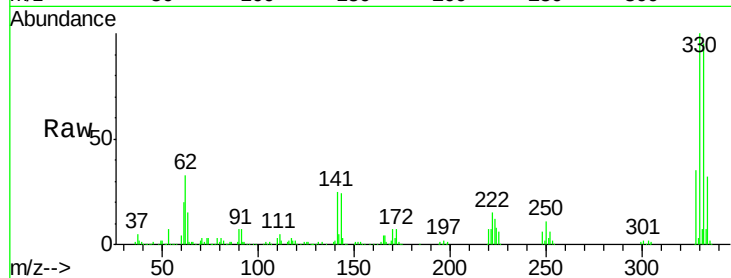
Tot Ion:330 Resp: 340537

Ion Ratio Lower Upper

330 100

332 95.4 75.5 113.3

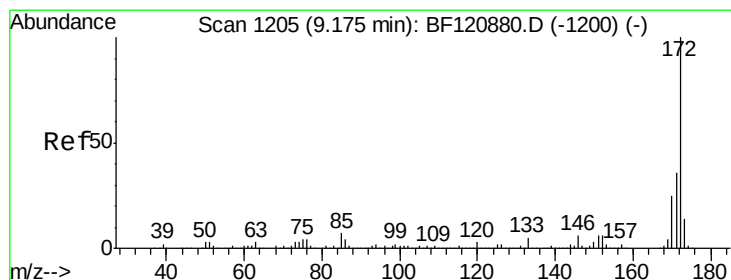
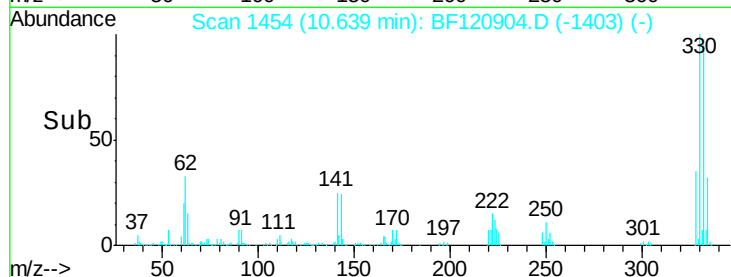
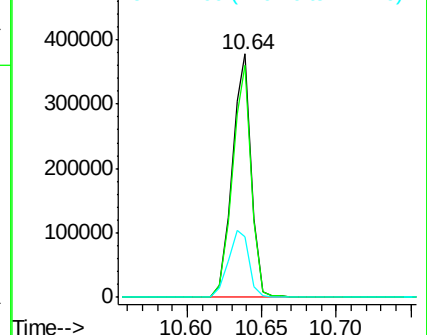
141 30.5 25.7 38.5



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: 54.081 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF120904.D

Acq: 17 Jul 2020 00:22

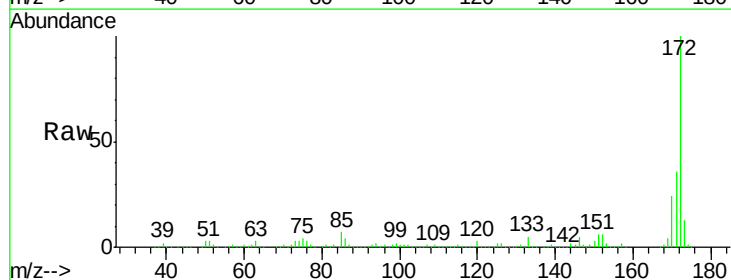
Tgt Ion:172 Resp: 1270252

Ion Ratio Lower Upper

172 100

171 35.6 29.0 43.4

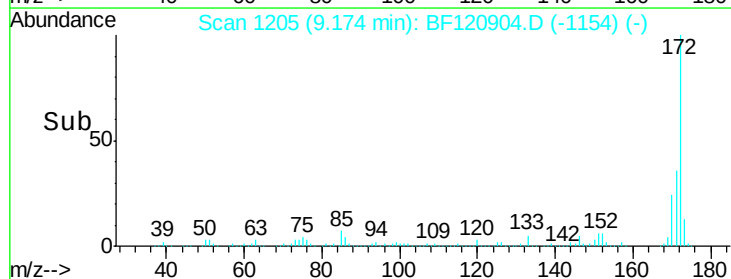
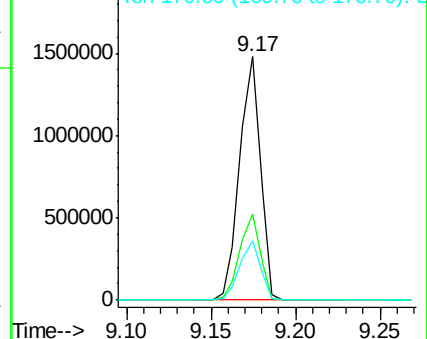
170 24.1 19.6 29.4

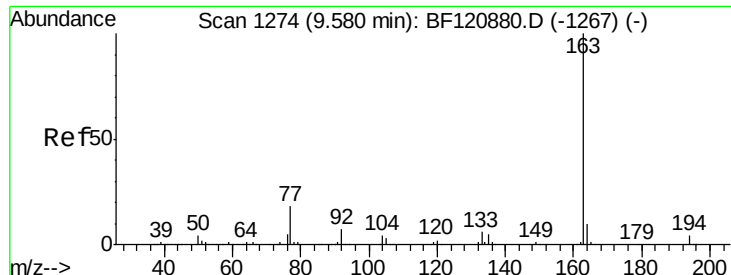


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.897 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF120904.D

Acq: 17 Jul 2020 00:22

Instrument :

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ClientSampleId :

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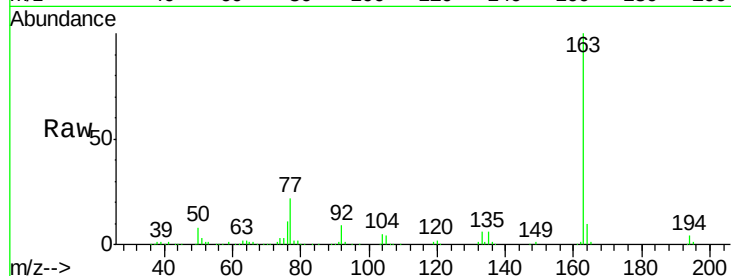
Tot Ion:163 Resp: 225090

Ion Ratio Lower Upper

163 100

194 3.5 3.2 4.8

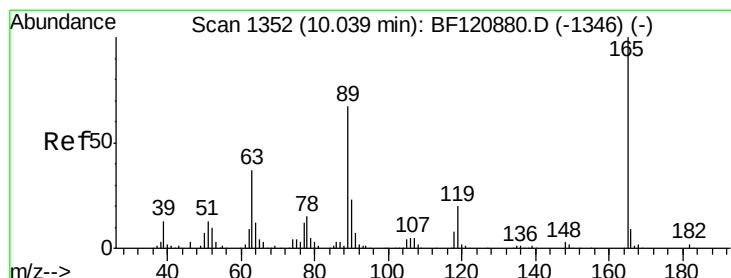
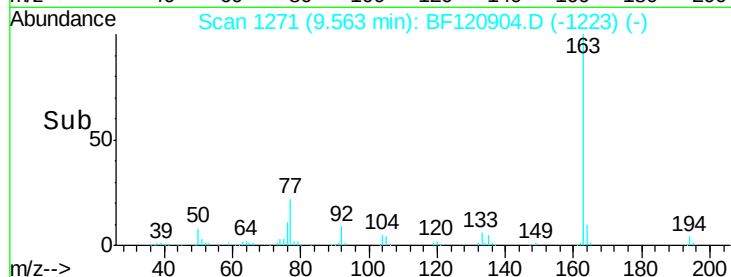
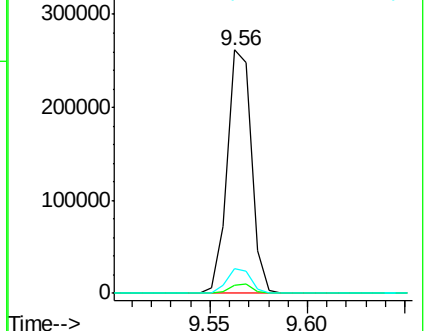
164 10.2 7.9 11.9



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: 6.398 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF120904.D

Acq: 17 Jul 2020 00:22

Tgt Ion:165 Resp: 45669

Ion Ratio Lower Upper

165 100

63 1.1 29.4 44.2#

89 1.3 53.4 80.0#

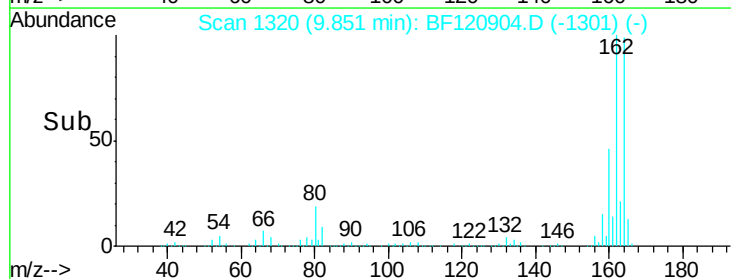
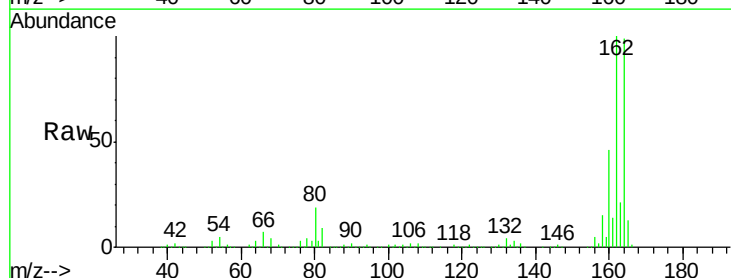
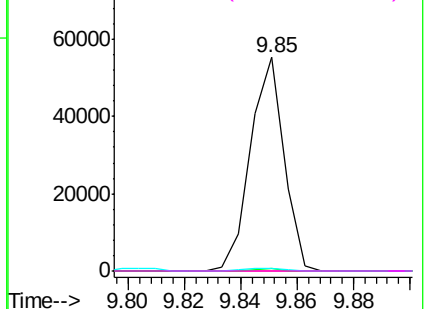
182 0.0 1.8 2.6#

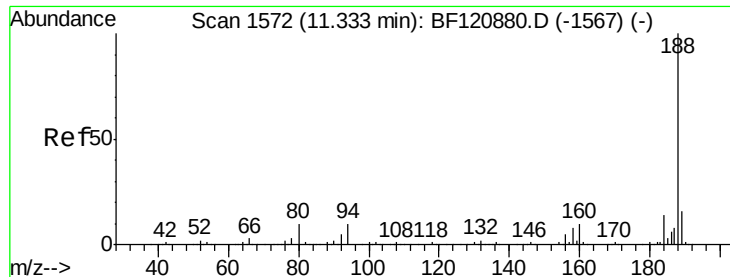
Abundance Ion 165.00 (164.70 to 165.70): E

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

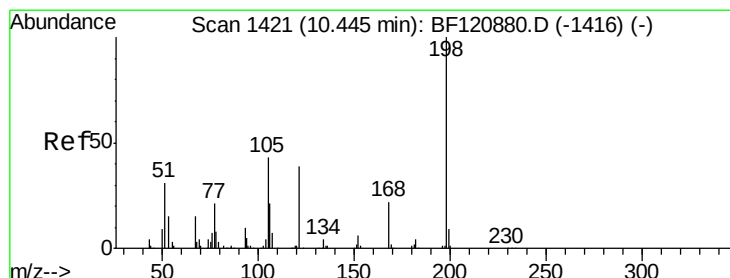
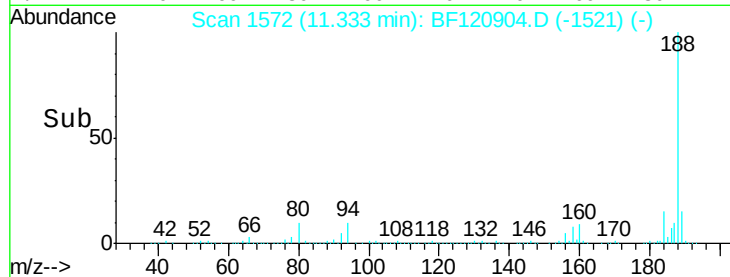
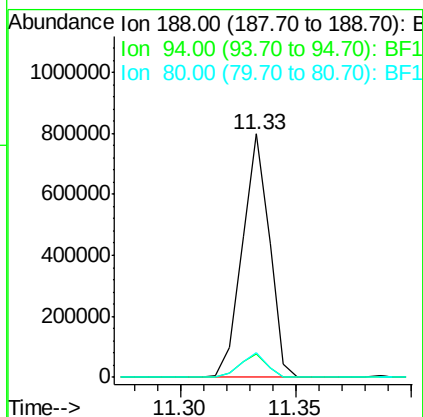
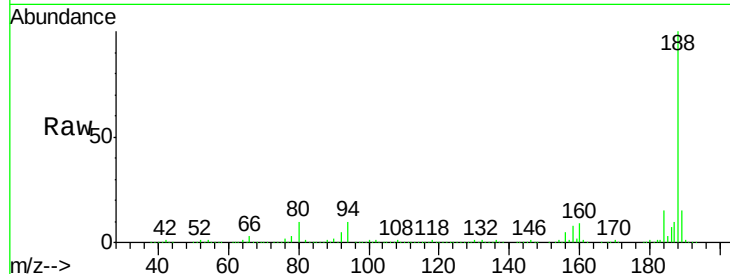




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF120904.D
 Acq: 17 Jul 2020 00:22

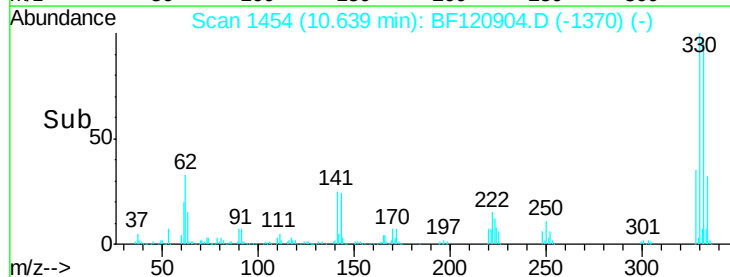
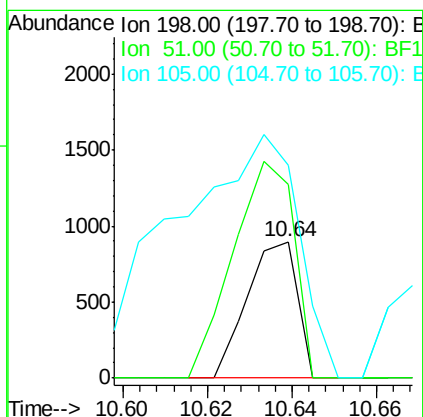
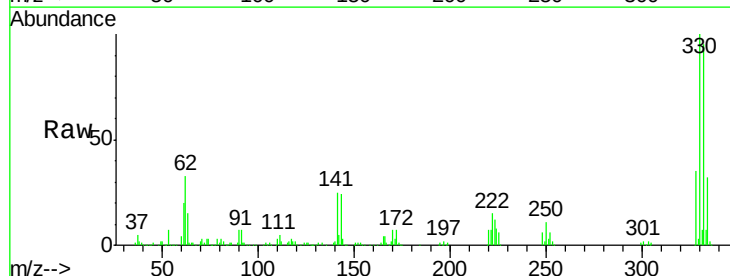
Instrument :
 BNA_F
 ClientSampled :
 12

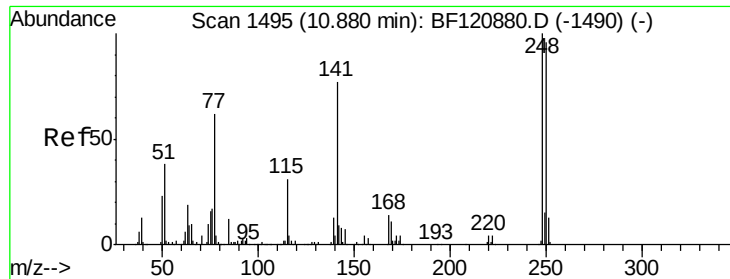
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	9.9	8.3	12.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.023 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF120904.D
 Acq: 17 Jul 2020 00:22

Tgt Ion	Ratio	Lower	Upper
198	100		
51	142.2	19.5	59.5#
105	155.8	24.4	64.4#

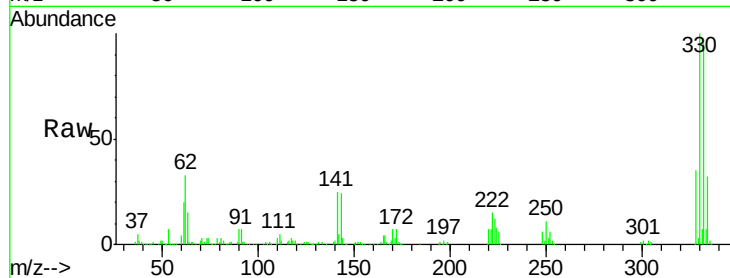




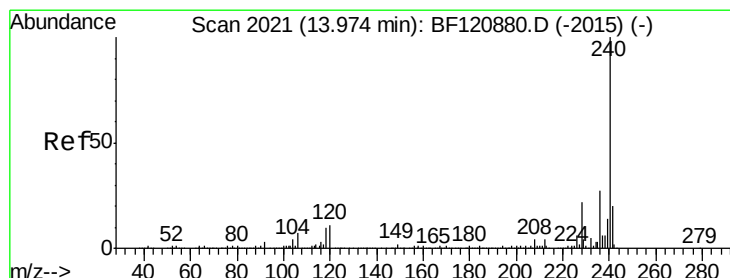
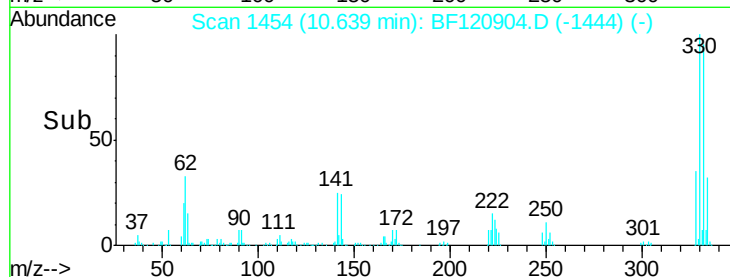
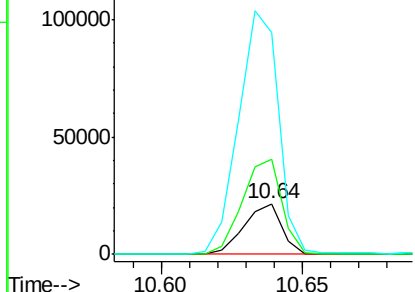
#67
4-Bromophenyl-phenylether
Concen: 2.728 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120904.D
Acq: 17 Jul 2020 00:22

Instrument :
BNA_F
ClientSampled :
12

Tot Ion:248 Resp: 19904
Ion Ratio Lower Upper
248 100
250 189.8 77.1 115.7#
141 441.1 61.2 91.8#

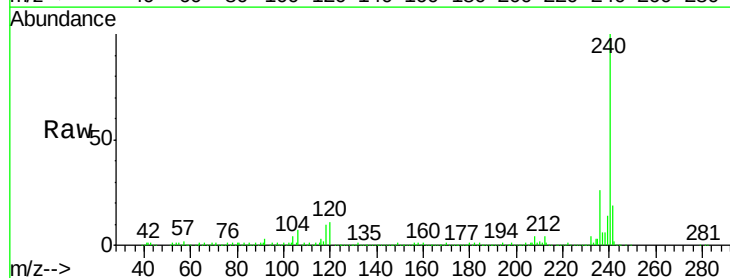


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

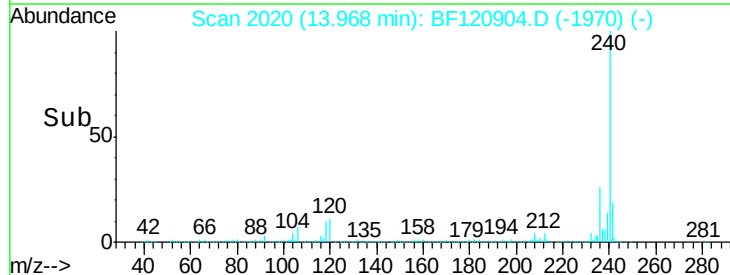
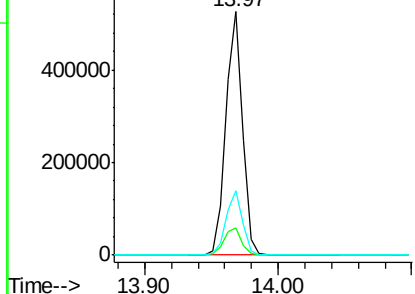


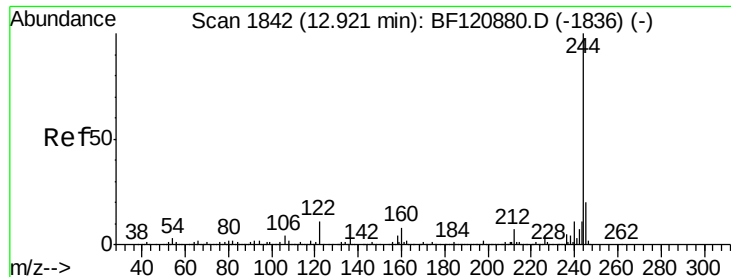
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120904.D
Acq: 17 Jul 2020 00:22

Tgt Ion:240 Resp: 464328
Ion Ratio Lower Upper
240 100
120 11.0 9.0 13.4
236 26.4 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: 61.931 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF120904.D

Acq: 17 Jul 2020 00:22

Instrument :

BNA_F

ClientSampleId :

12

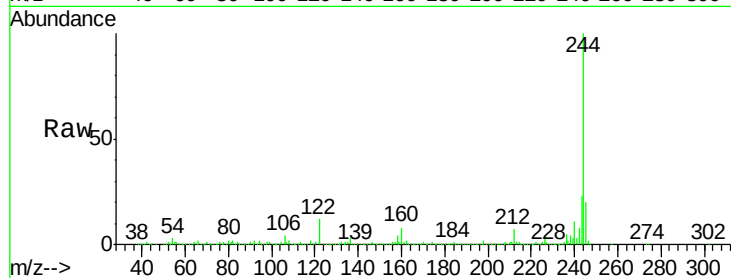
Tot Ion:244 Resp: 1322873

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

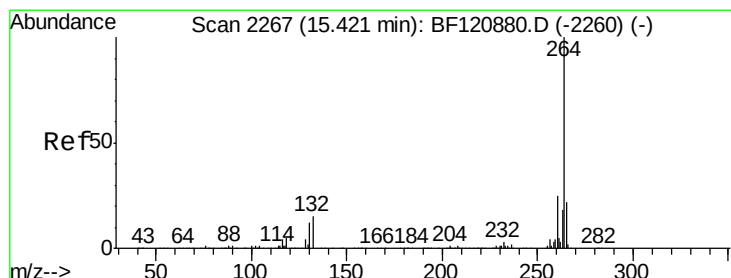
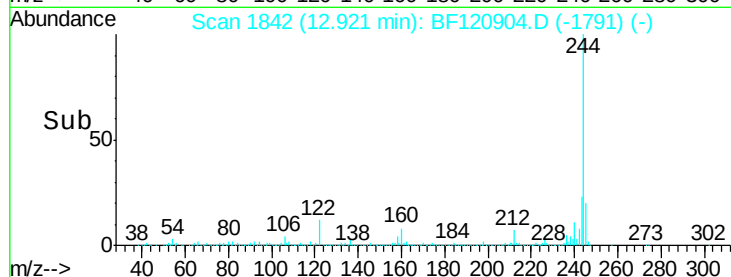
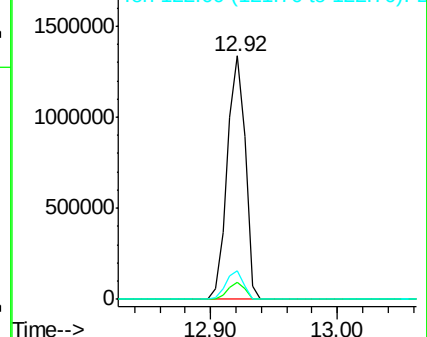
122 11.6 8.9 13.3



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: BF120904.D

Acq: 17 Jul 2020 00:22

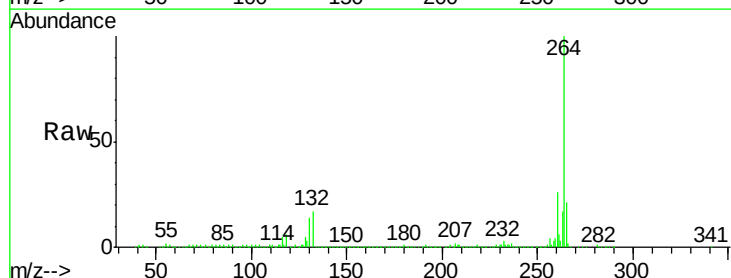
Tgt Ion:264 Resp: 394129

Ion Ratio Lower Upper

264 100

260 25.7 20.0 30.0

265 21.4 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

