

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
 Data File : BF121875.D
 Acq On : 7 Oct 2020 15:55
 Operator : JU/CG
 Sample : L4272-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GIS-2-(6)

Quant Time: Oct 07 16:28:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

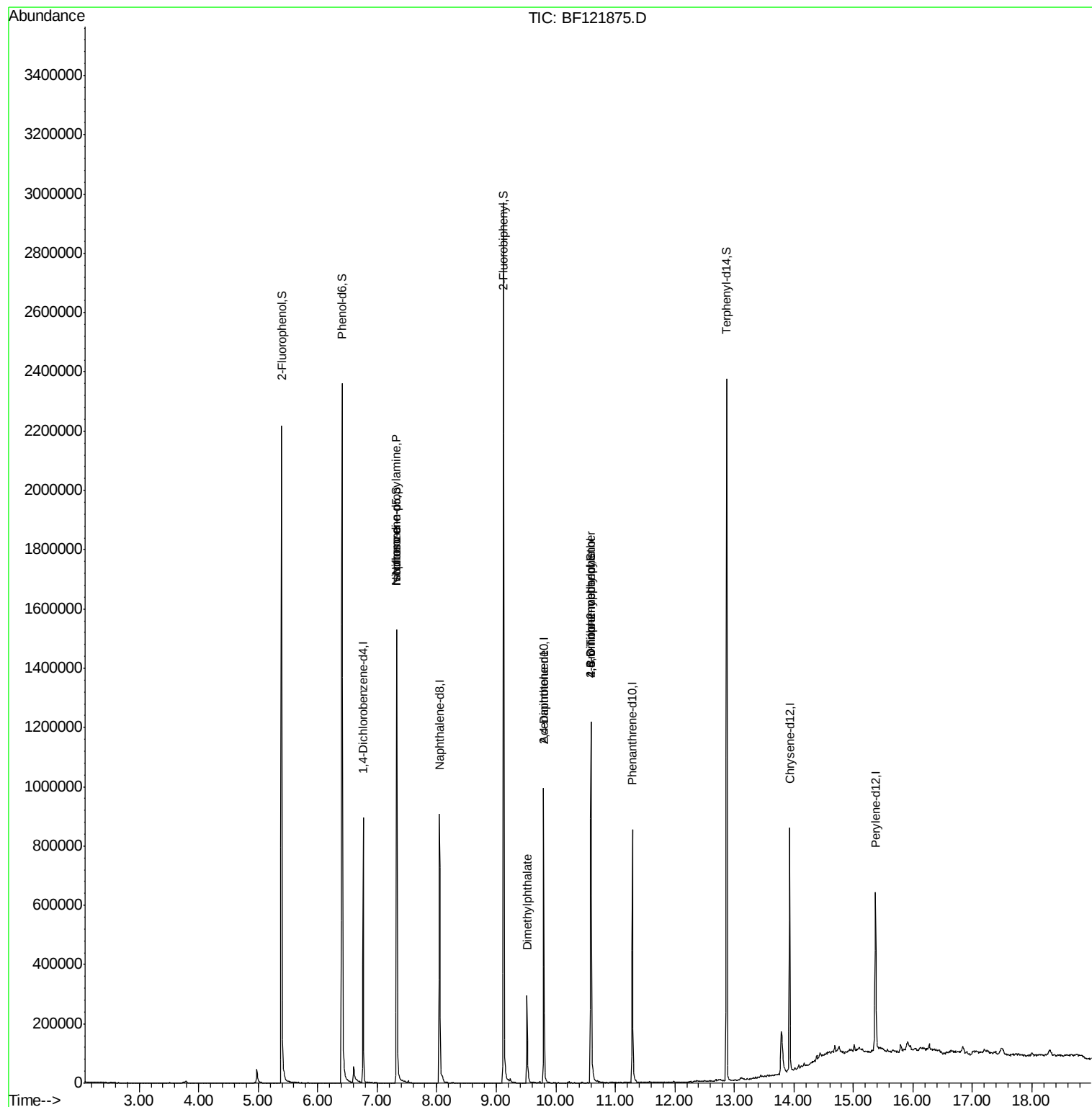
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	118808	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	449722	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	211737	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	338063	20.00	ng	0.00
76) Chrysene-d12	13.93	240	286663	20.00	ng	0.00
86) Perylene-d12	15.37	264	259600	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	669093	83.69	ng	0.00
7) Phenol-d6	6.41	99	838041	79.90	ng	0.00
23) Nitrobenzene-d5	7.33	82	566011	67.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	174051	66.14	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	970180	69.40	ng	-0.01
79) Terphenyl-d14	12.87	244	794935	56.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	76224	12.610	ng	# 79
25) Isophorone	7.33	82	566081	33.573	ng	# 67
50) Dimethylphthalate	9.52	163	165605	10.791	ng	# 98
57) 2,4-Dinitrotoluene	9.80	165	27339	6.649	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.59	198	152	6.915	ng	# 1
67) 4-Bromophenyl-phenylether	10.59	248	10284	2.672	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: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF121875.D

Acq: 7 Oct 2020 15:55

Instrument :

BNA_F

ClientSampleId :

GIS-2-(6)

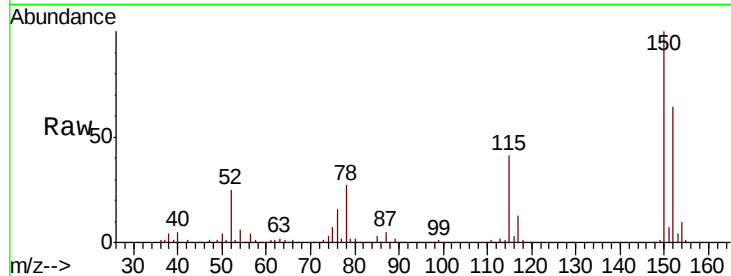
Tot Ion:152 Resp: 118808

Ion Ratio Lower Upper

152 100

150 155.9 125.3 187.9

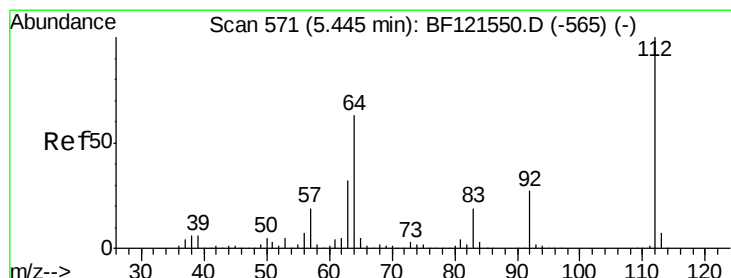
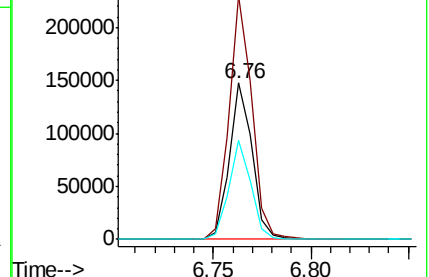
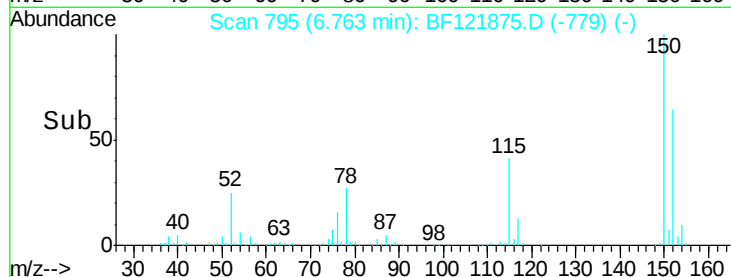
115 63.7 51.9 77.9



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: 83.694 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF121875.D

Acq: 7 Oct 2020 15:55

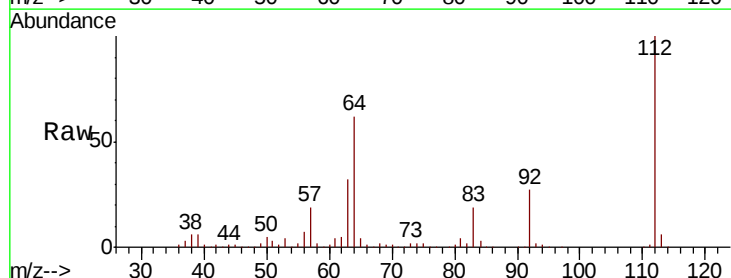
Tgt Ion:112 Resp: 669093

Ion Ratio Lower Upper

112 100

64 62.3 50.4 75.6

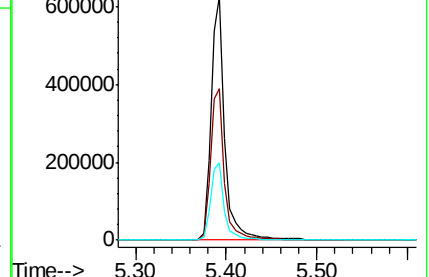
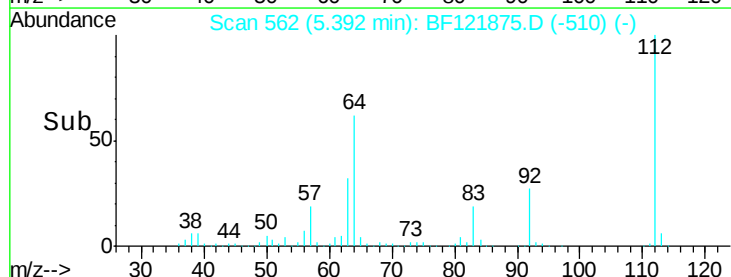
63 31.5 25.8 38.6



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: 79.903 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121875.D

Acq: 7 Oct 2020 15:55

Instrument :

BNA_F

ClientSampleId :

GIS-2-(6)

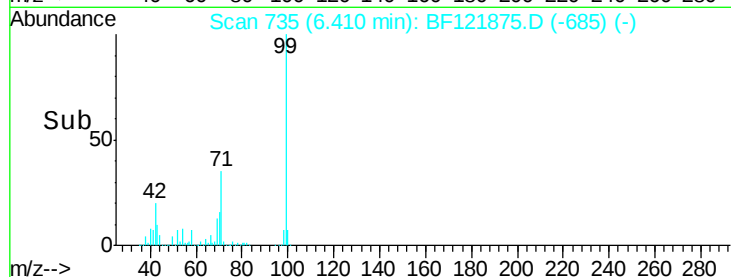
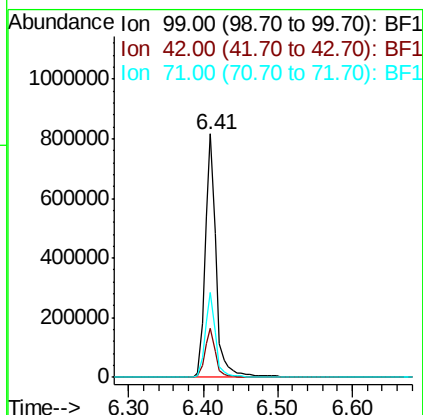
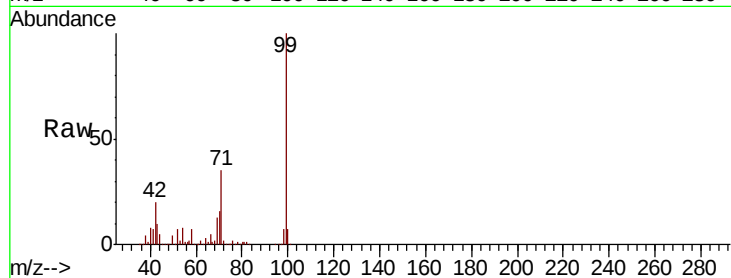
Tot Ion: 99 Resp: 838041

Ion Ratio Lower Upper

99 100

42 20.2 15.9 23.9

71 34.6 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.610 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF121875.D

Acq: 7 Oct 2020 15:55

Tgt Ion: 70 Resp: 76224

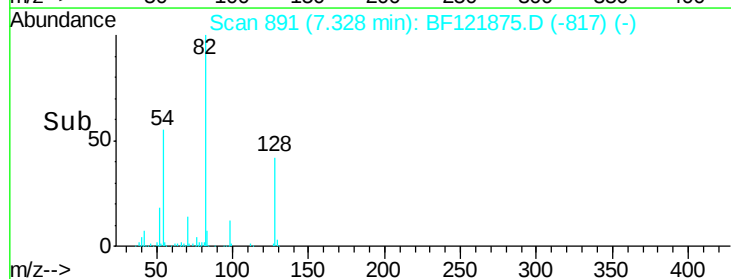
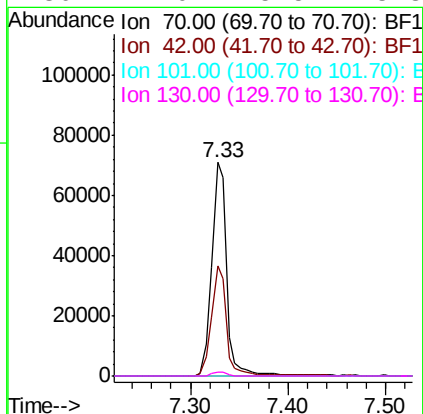
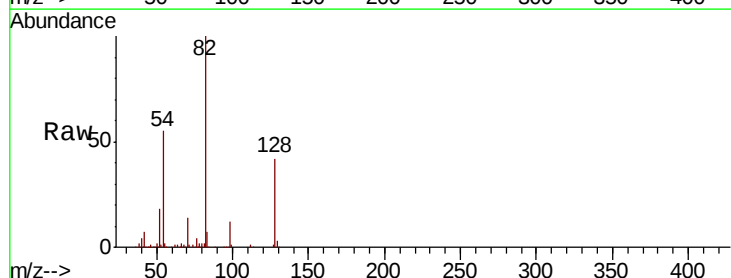
Ion Ratio Lower Upper

70 100

42 51.3 50.2 75.4

101 0.0 7.5 11.3#

130 2.0 15.5 23.3#

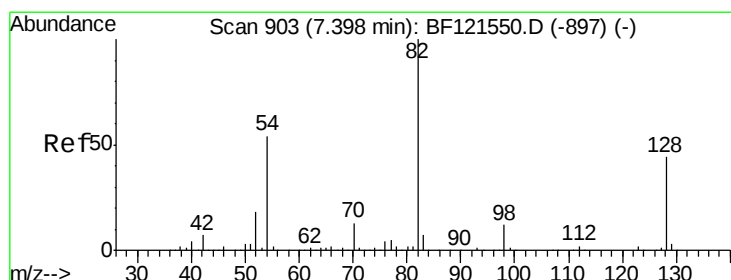
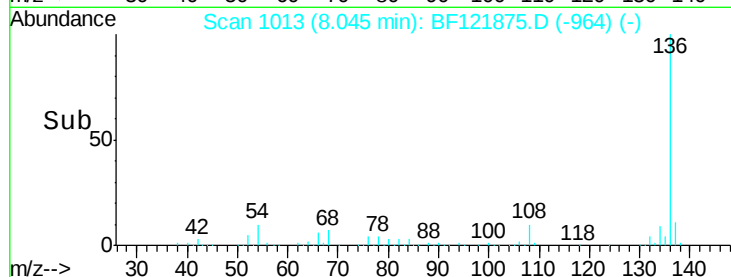
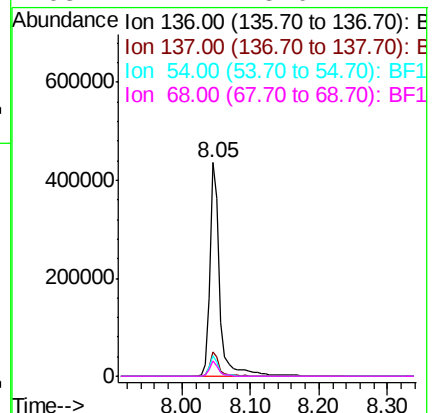
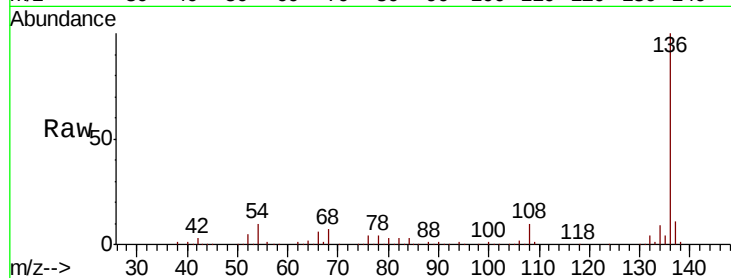




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121875.D
Acq: 7 Oct 2020 15:55

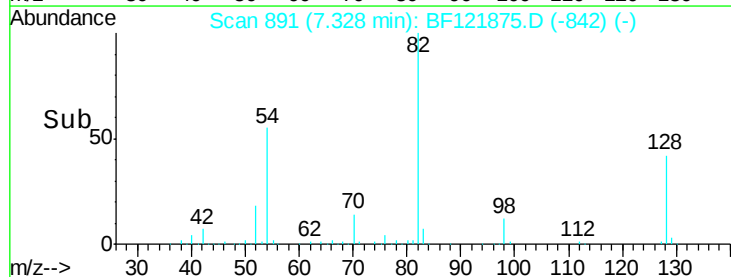
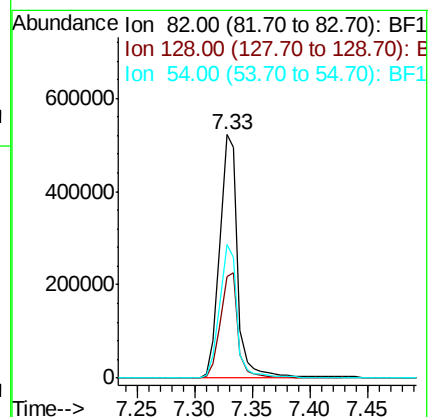
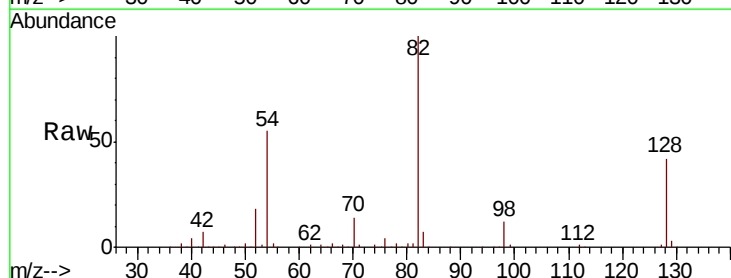
Instrument :
BNA_F
ClientSampleId :
GIS-2-(6)

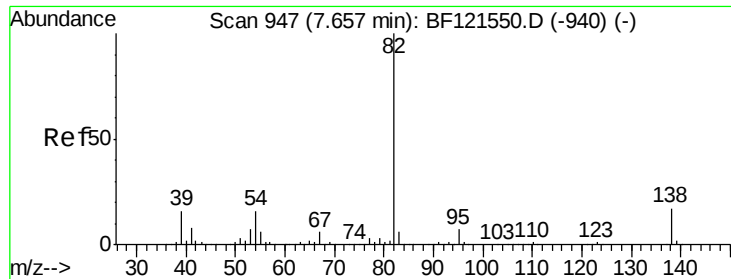
Tot Ion:136	Resp:	449722
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.6 13.0
54	9.7	7.1 10.7
68	7.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 67.575 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121875.D
Acq: 7 Oct 2020 15:55

Tgt Ion: 82	Resp:	566011
Ion	Ratio	Lower Upper
82	100	
128	41.7	35.0 52.4
54	54.9	43.9 65.9

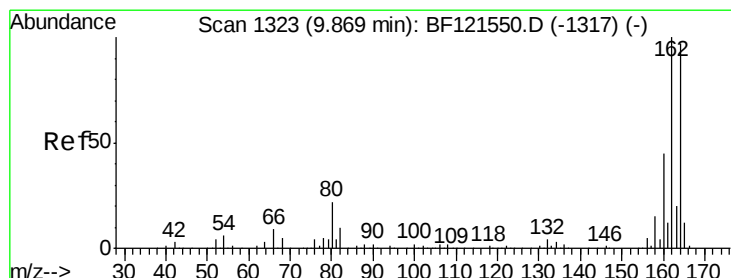
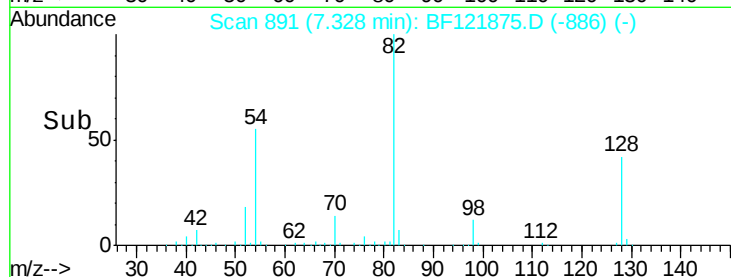
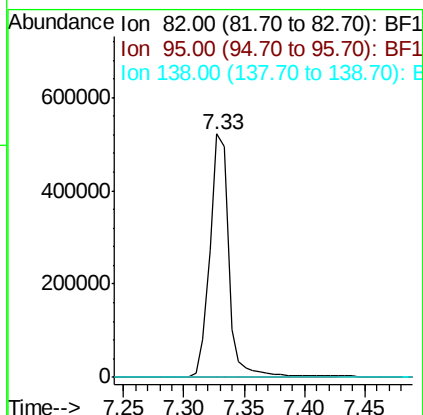
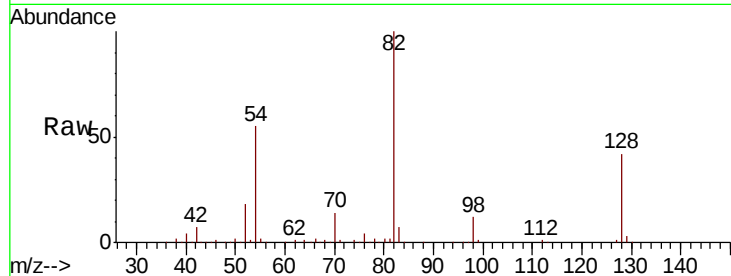




#25
Isophorone
Concen: 33.573 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.27 min
Lab File: BF121875.D
Acq: 7 Oct 2020 15:55

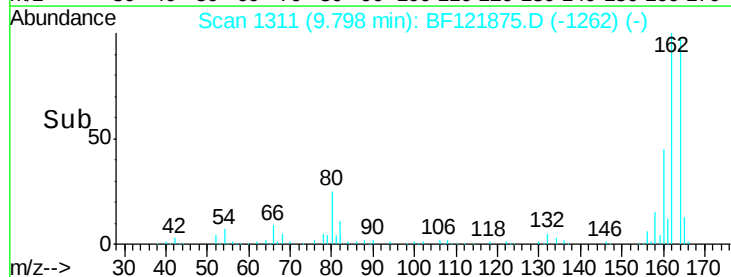
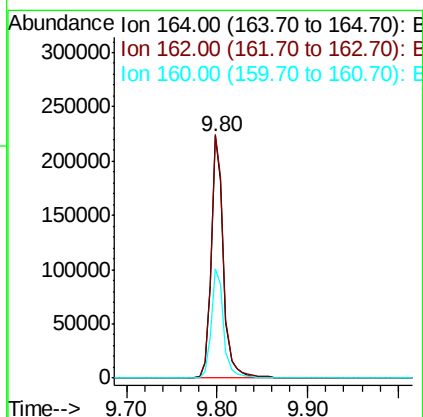
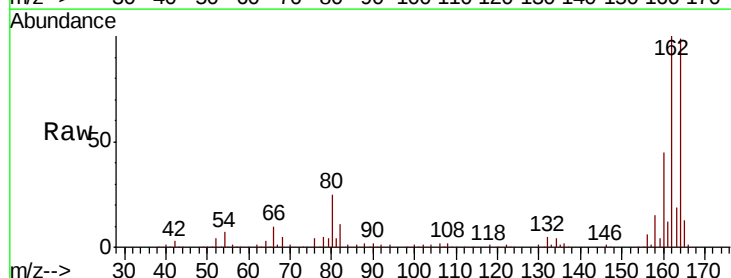
Instrument :
BNA_F
ClientSampleId :
GIS-2-(6)

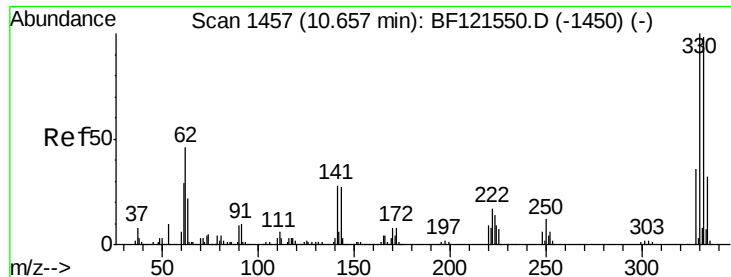
Tot Ion: 82 Resp: 566081
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121875.D
Acq: 7 Oct 2020 15:55

Tgt Ion: 164 Resp: 211737
Ion Ratio Lower Upper
164 100
162 100.7 83.2 124.8
160 45.4 37.5 56.3





#42

2,4,6-Tribromophenol

Concen: 66.139 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121875.D

Acq: 7 Oct 2020 15:55

Instrument :

BNA_F

ClientSampleId :

GIS-2-(6)

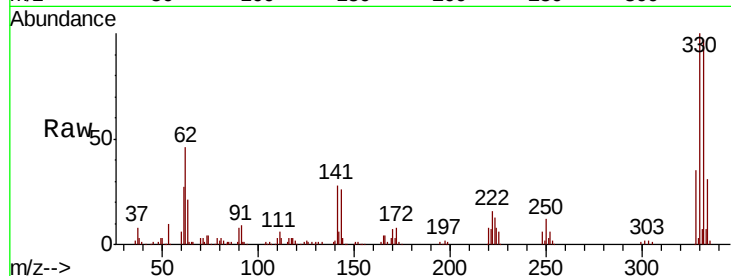
Tot Ion:330 Resp: 174051

Ion Ratio Lower Upper

330 100

332 96.8 77.3 115.9

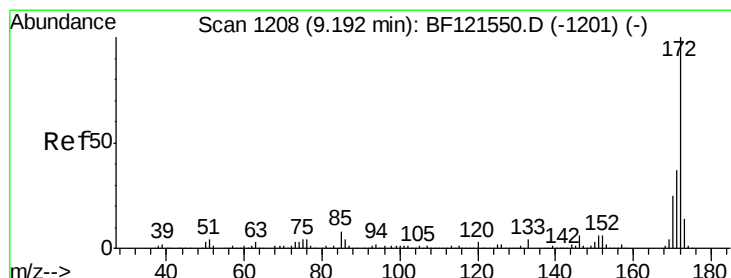
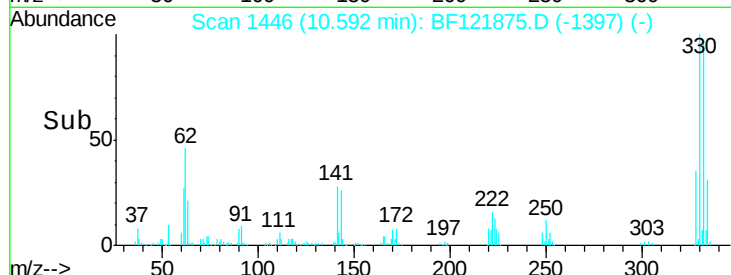
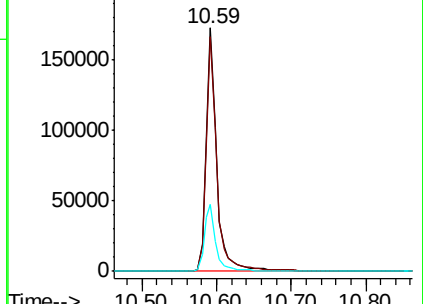
141 29.7 22.3 33.5



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: 69.396 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF121875.D

Acq: 7 Oct 2020 15:55

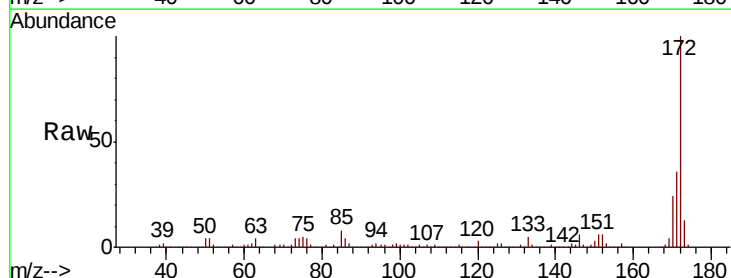
Tgt Ion:172 Resp: 970180

Ion Ratio Lower Upper

172 100

171 35.9 29.1 43.7

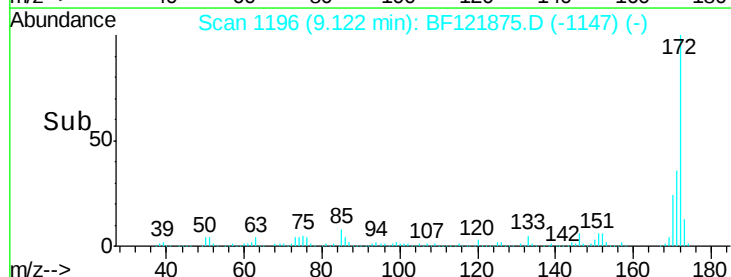
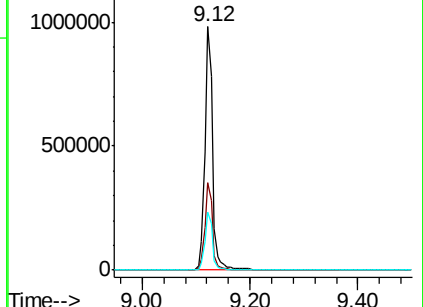
170 24.1 19.8 29.6

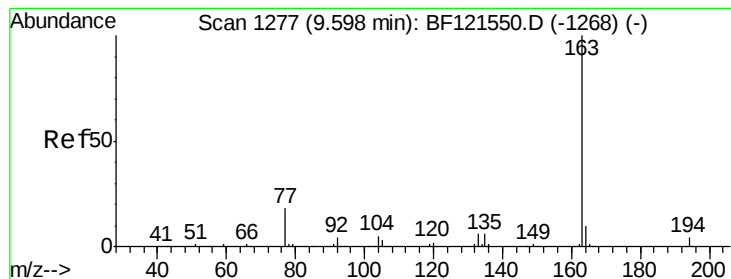


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 10.791 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF121875.D

Acq: 7 Oct 2020 15:55

Instrument :

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ClientSampleId :

GIS-2-(6)

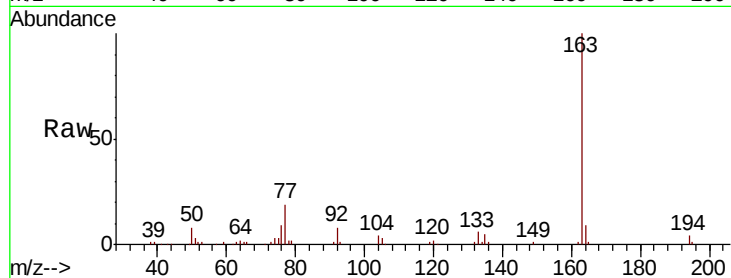
Tot Ion:163 Resp: 165605

Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

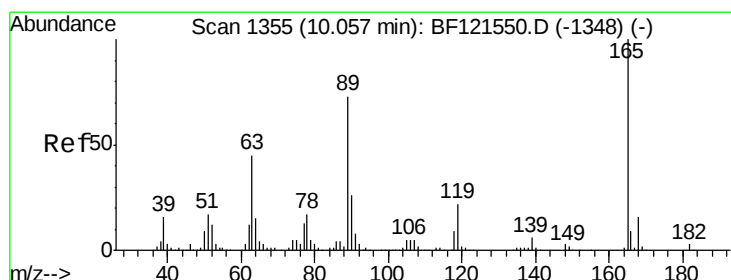
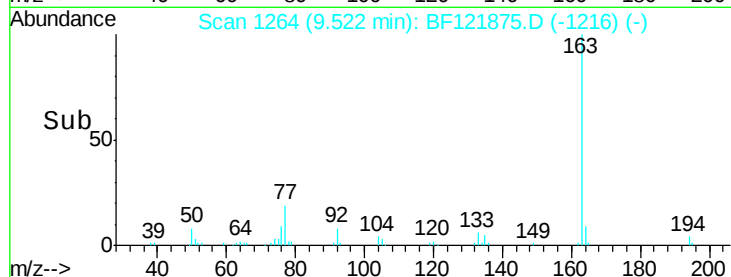
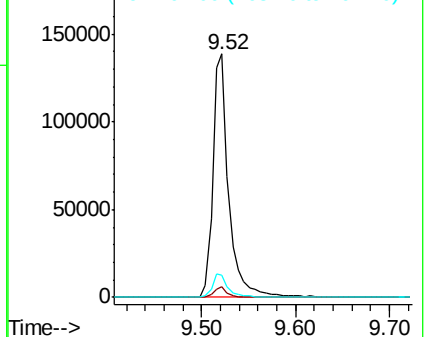
164 9.3 8.2 12.4



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: 6.649 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.21 min

Lab File: BF121875.D

Acq: 7 Oct 2020 15:55

Tgt Ion:165 Resp: 27339

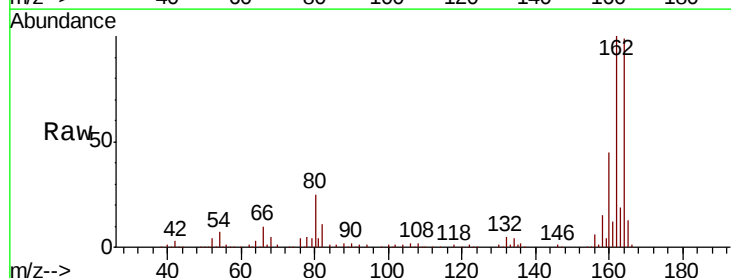
Ion Ratio Lower Upper

165 100

63 1.2 41.3 61.9#

89 1.1 61.8 92.8#

182 0.0 2.1 3.1#

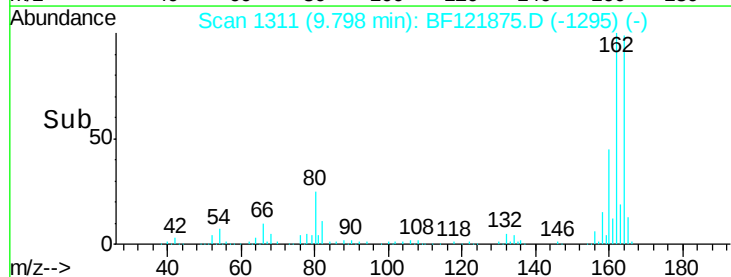
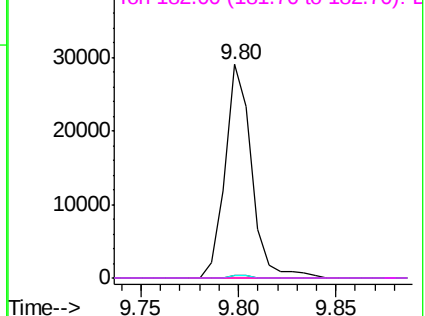


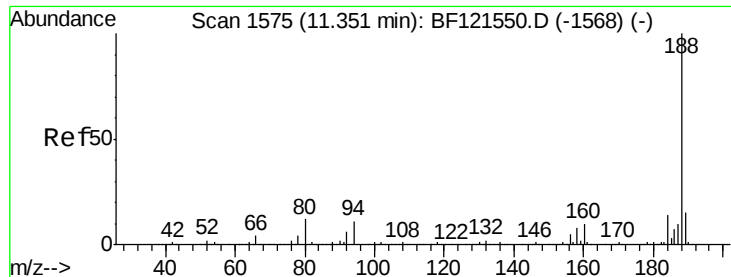
Abundance Ion 165.00 (164.70 to 165.70): E

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

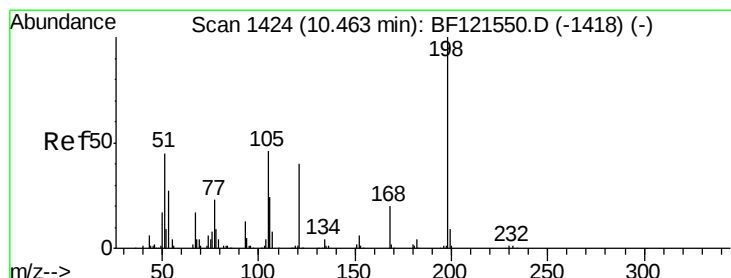
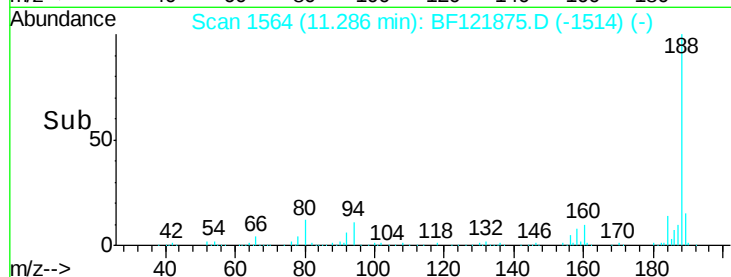
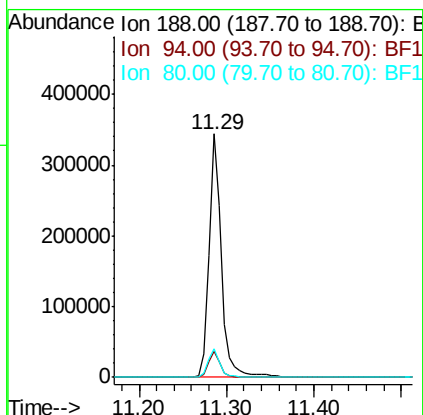
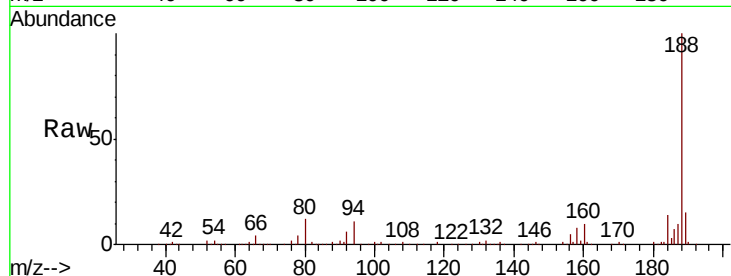




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121875.D
Acq: 7 Oct 2020 15:55

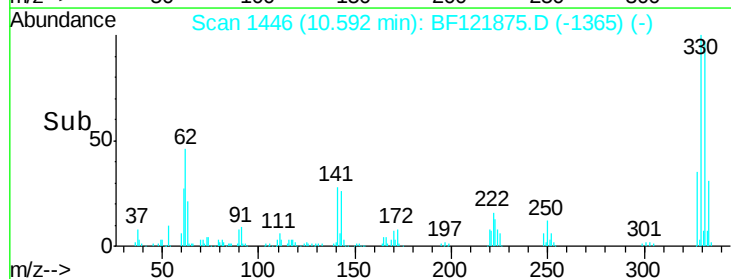
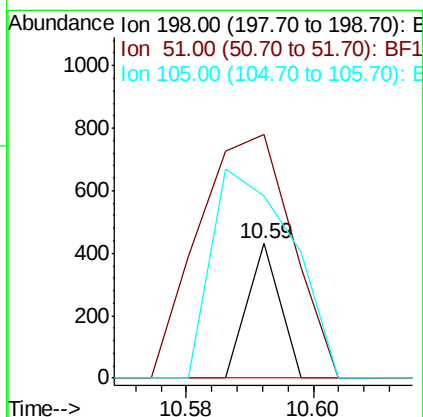
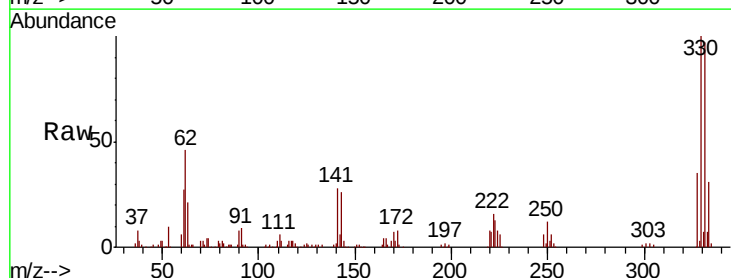
Instrument :
BNA_F
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GIS-2-(6)

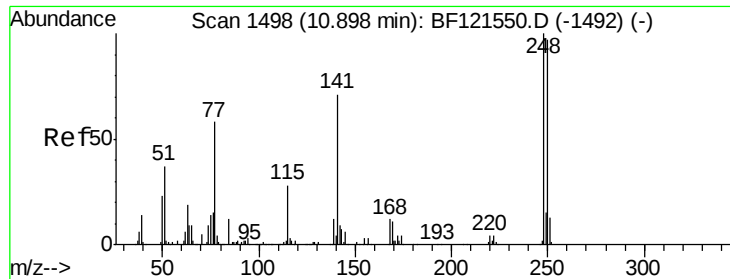
Tot Ion:188 Resp: 338063
Ion Ratio Lower Upper
188 100
94 10.9 8.3 12.5
80 11.6 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.915 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.18 min
Lab File: BF121875.D
Acq: 7 Oct 2020 15:55

Tgt Ion:198 Resp: 152
Ion Ratio Lower Upper
198 100
51 180.7 29.6 69.6#
105 135.3 24.4 64.4#

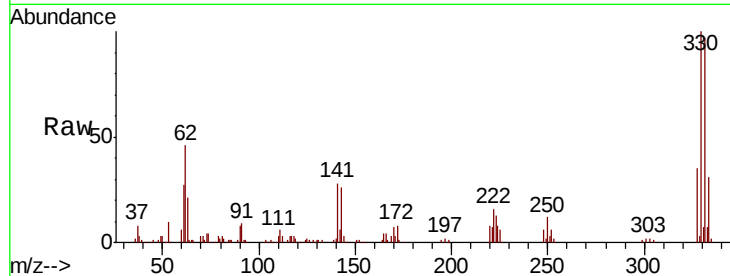




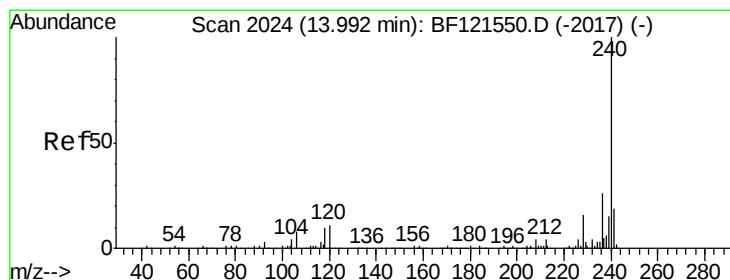
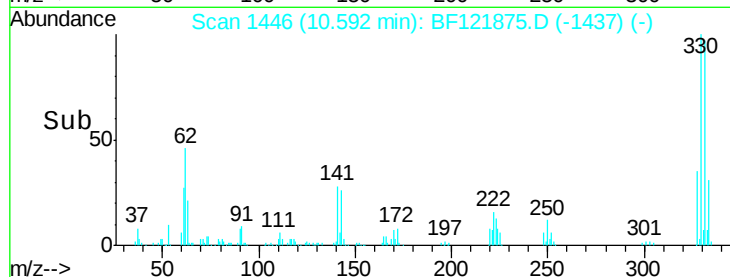
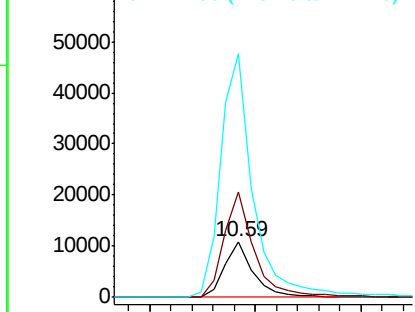
#67
4-Bromophenyl-phenylether
Concen: 2.672 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.25 min
Lab File: BF121875.D
Acq: 7 Oct 2020 15:55

Instrument :
BNA_F
ClientSampleId :
GIS-2-(6)

Tot Ion:248 Resp: 10284
Ion Ratio Lower Upper
248 100
250 188.7 77.0 115.6#
141 437.8 53.7 80.5#

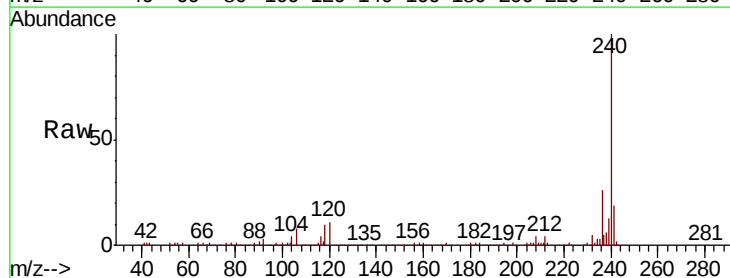


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

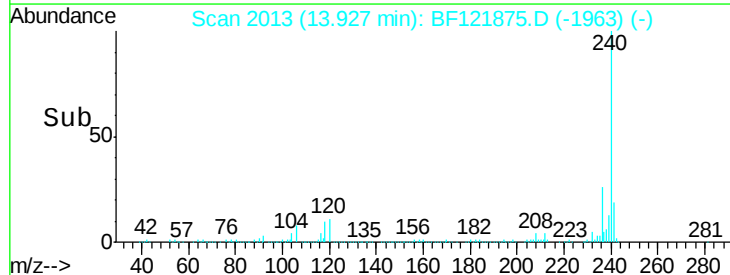
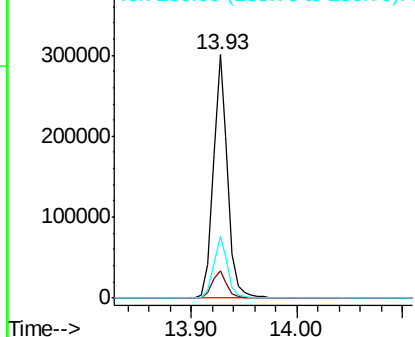


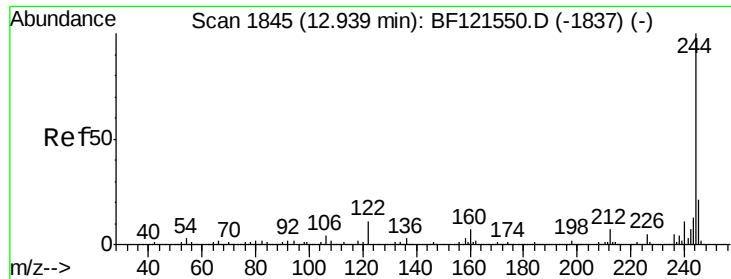
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121875.D
Acq: 7 Oct 2020 15:55

Tgt Ion:240 Resp: 286663
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 25.5 20.9 31.3



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: 56.180 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121875.D

Acq: 7 Oct 2020 15:55

Instrument :

BNA_F

ClientSampled :

GIS-2-(6)

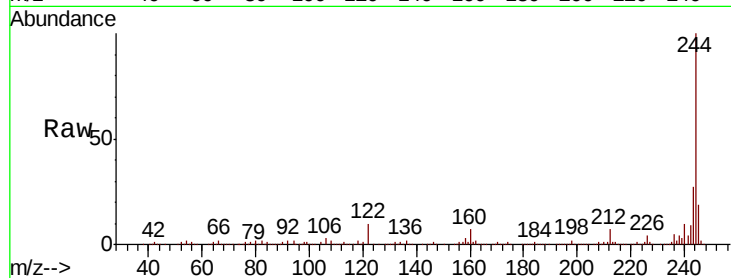
Tot Ion:244 Resp: 794935

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

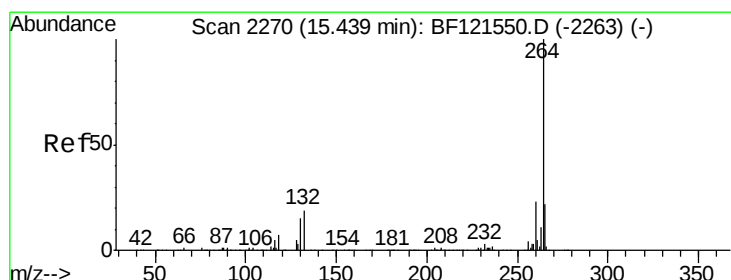
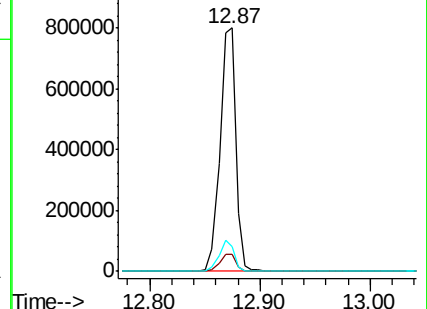
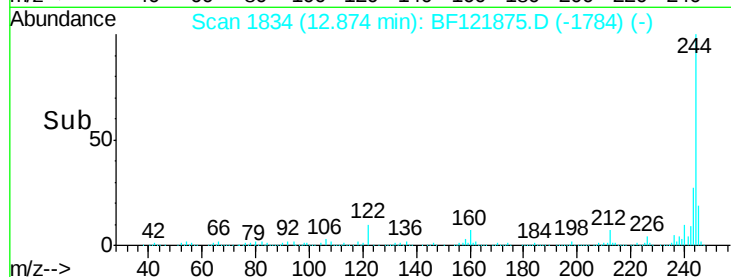
122 9.9 8.1 12.1



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: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF121875.D

Acq: 7 Oct 2020 15:55

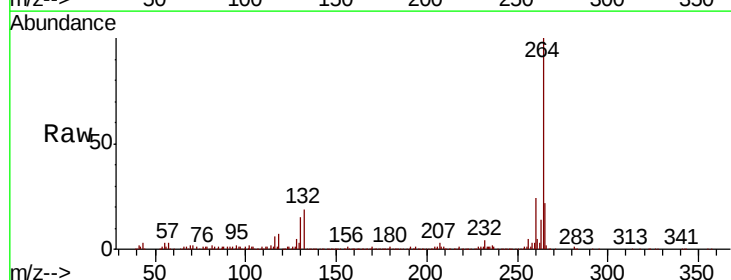
Tgt Ion:264 Resp: 259600

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 21.8 17.3 25.9



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

