

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121855.D
 Acq On : 6 Oct 2020 16:29
 Operator : JU/CG
 Sample : L4272-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1-(6)

Quant Time: Oct 06 17:14:57 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

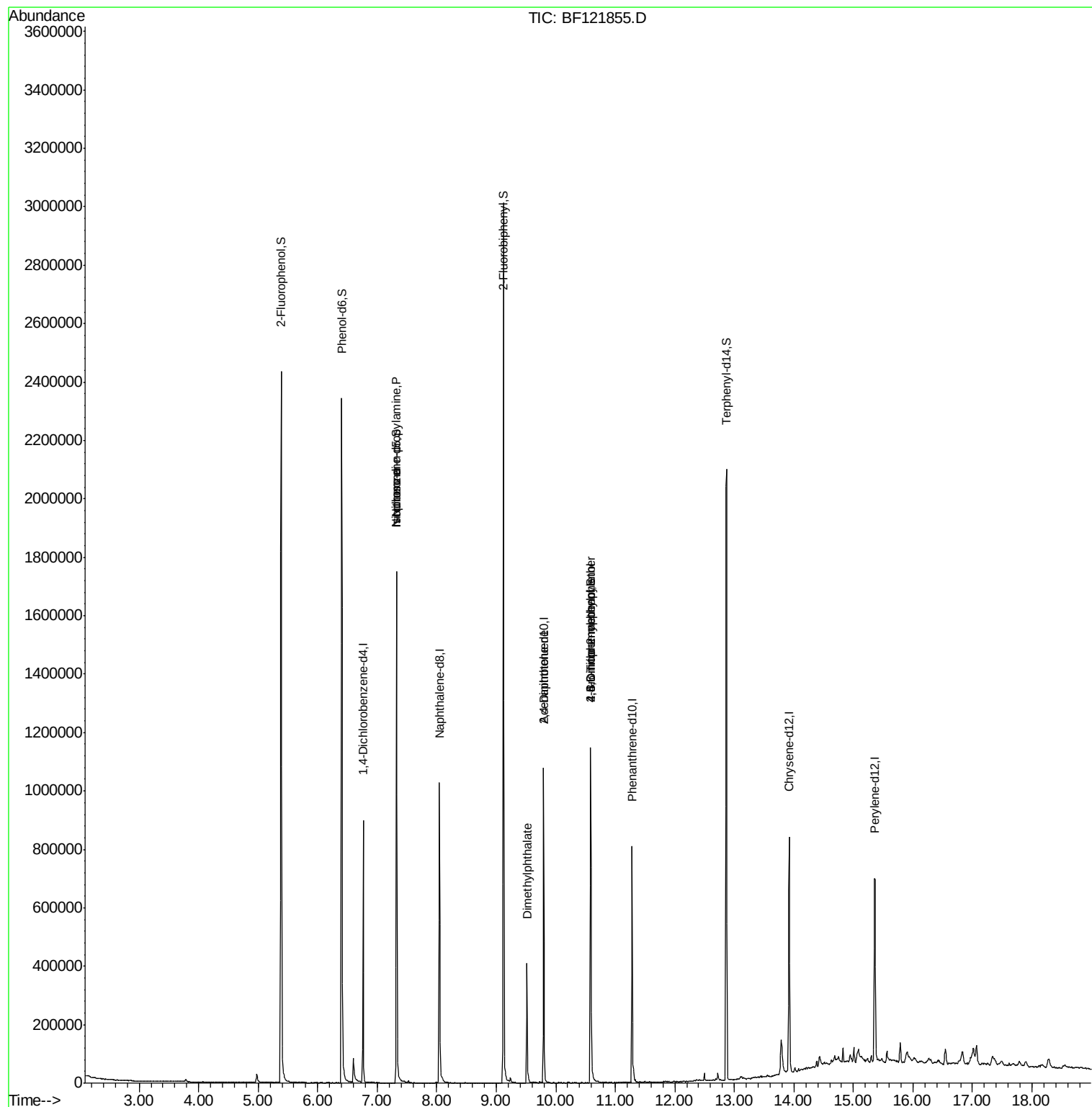
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	120823	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	459401	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	207894	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	318817	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	273073	20.00	ng	-0.01
86) Perylene-d12	15.36	264	283163	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	662052	81.43	ng	0.00
7) Phenol-d6	6.40	99	841460	78.89	ng	-0.01
23) Nitrobenzene-d5	7.33	82	569327	66.54	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	156681	60.64	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	945128	68.85	ng	-0.01
79) Terphenyl-d14	12.87	244	696961	51.71	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	73737	11.995	ng	# 79
25) Isophorone	7.33	82	569323	33.054	ng	# 67
50) Dimethylphthalate	9.52	163	182214	12.093	ng	# 99
57) 2,4-Dinitrotoluene	9.80	165	26574	6.583	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.59	198	142	6.914	ng	# 1
67) 4-Bromophenyl-phenylether	10.59	248	9155	2.522	ng	# 1

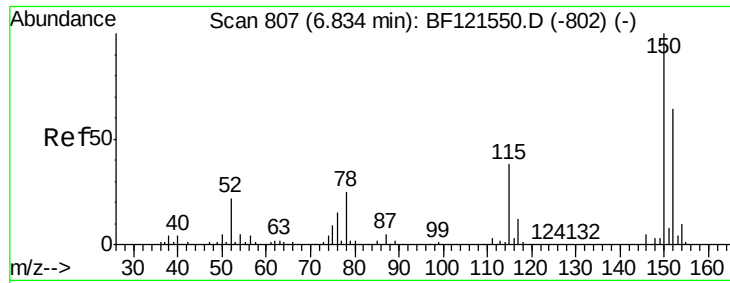
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 16 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
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QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF121855.D

Acq: 6 Oct 2020 16:29

Instrument :

BNA_F

ClientSampleId :

MH-1-(6)

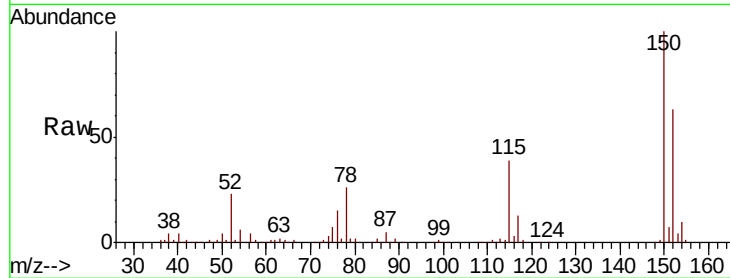
Tot Ion:152 Resp: 120823

Ion Ratio Lower Upper

152 100

150 157.7 125.3 187.9

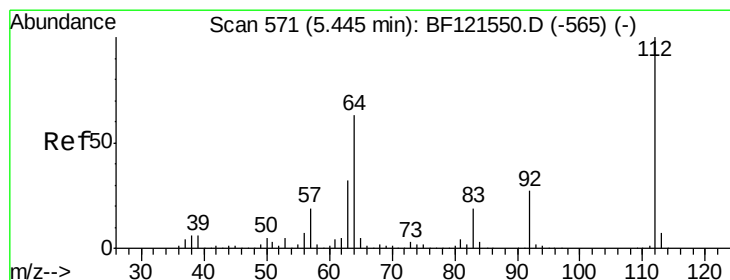
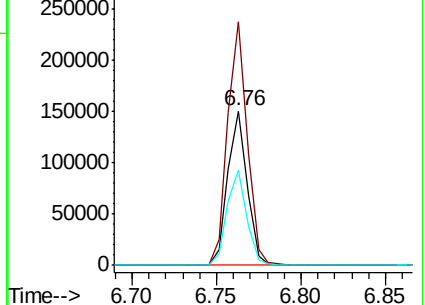
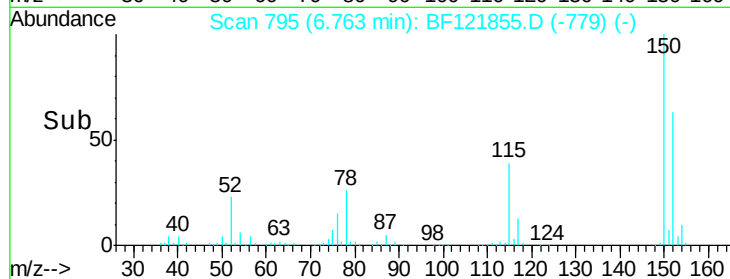
115 61.5 51.9 77.9



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: 81.433 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF121855.D

Acq: 6 Oct 2020 16:29

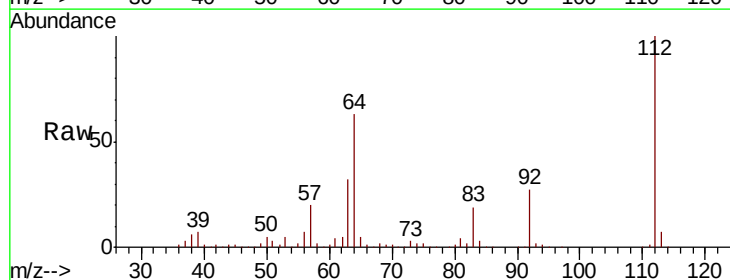
Tgt Ion:112 Resp: 662052

Ion Ratio Lower Upper

112 100

64 63.0 50.4 75.6

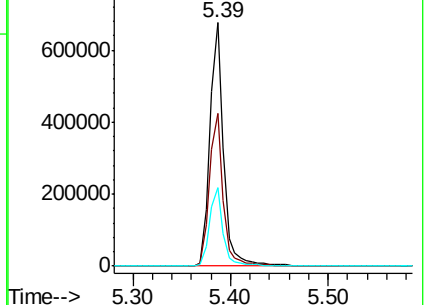
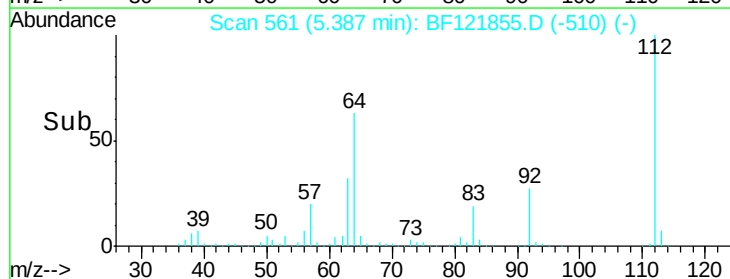
63 32.2 25.8 38.6

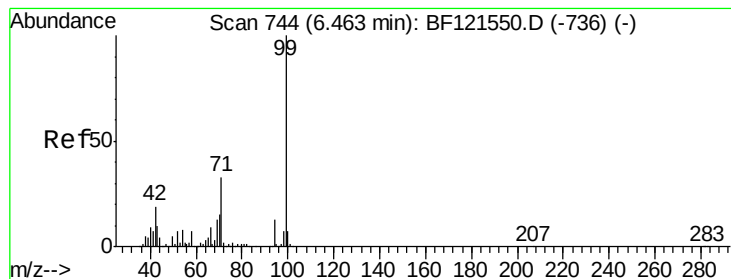


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 78.891 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121855.D

Acq: 6 Oct 2020 16:29

Instrument :

BNA_F

ClientSampleId :

MH-1-(6)

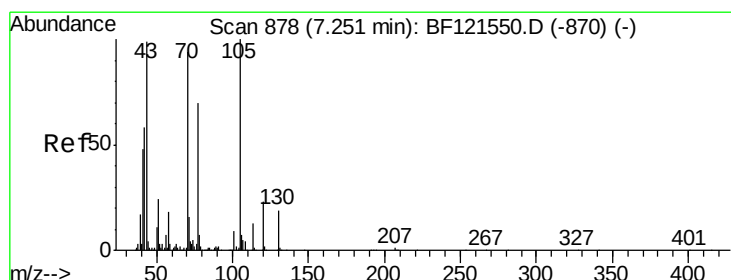
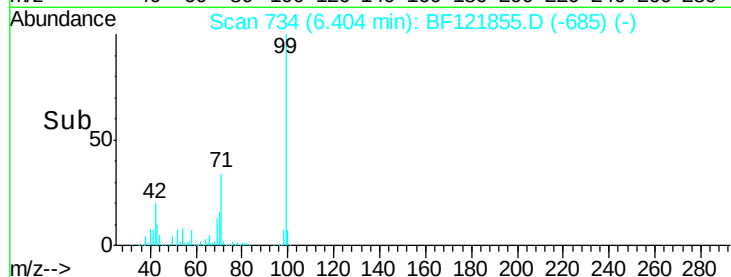
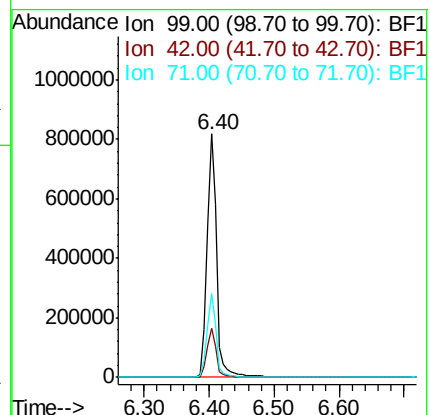
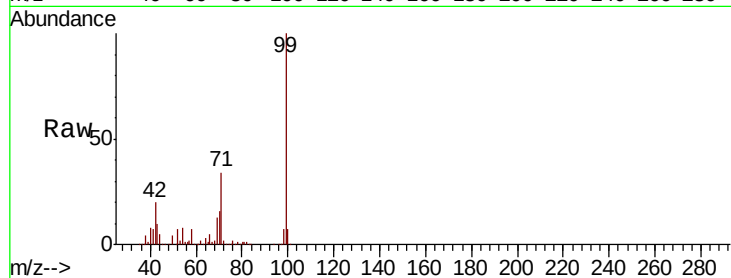
Tot Ion: 99 Resp: 841460

Ion Ratio Lower Upper

99 100

42 20.4 15.9 23.9

71 34.2 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 11.995 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF121855.D

Acq: 6 Oct 2020 16:29

Tgt Ion: 70 Resp: 73737

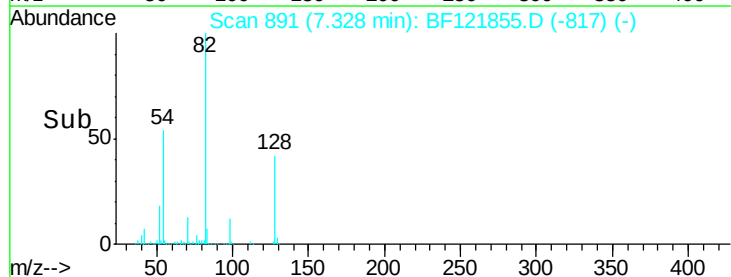
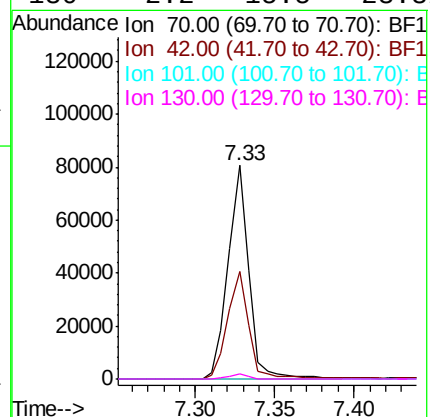
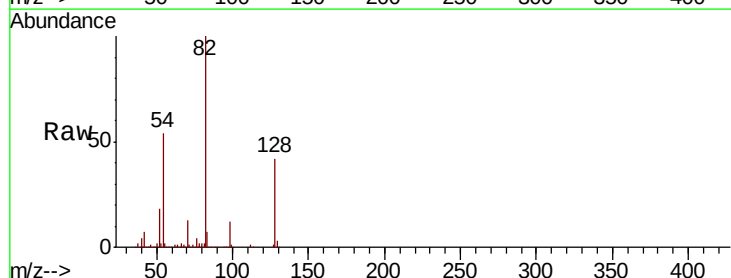
Ion Ratio Lower Upper

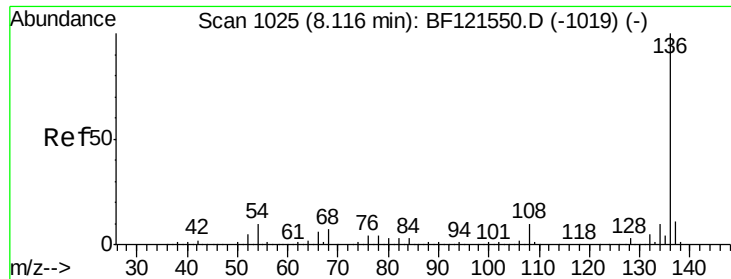
70 100

42 50.6 50.2 75.4

101 0.0 7.5 11.3#

130 2.2 15.5 23.3#

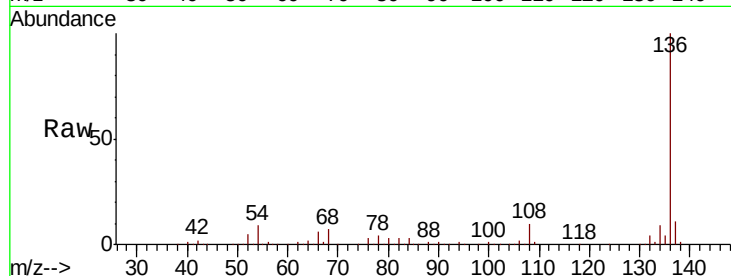




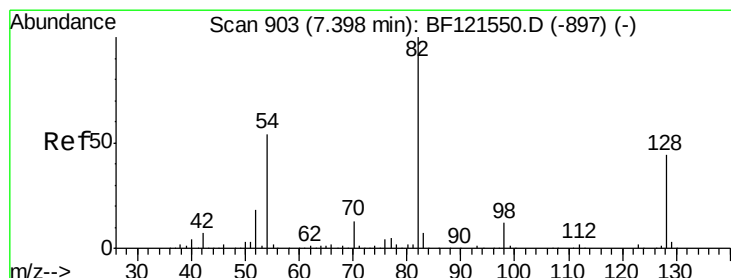
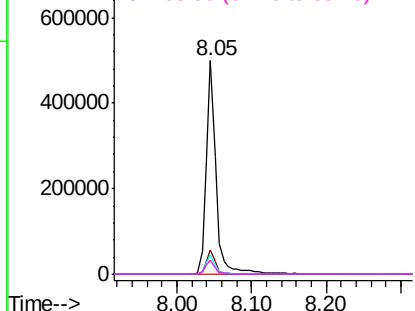
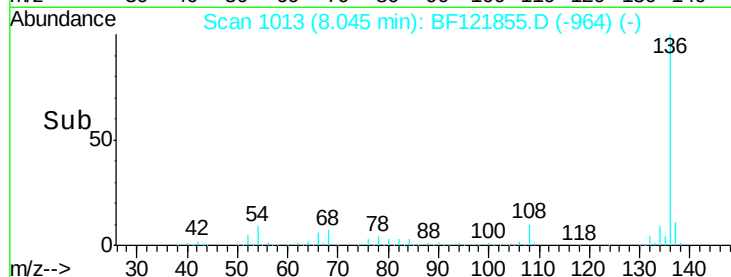
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121855.D
Acq: 6 Oct 2020 16:29

Instrument :
BNA_F
ClientSampleId :
MH-1-(6)

Tot Ion:136	Resp:	459401
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.6 13.0
54	9.1	7.1 10.7
68	6.9	5.0 7.4

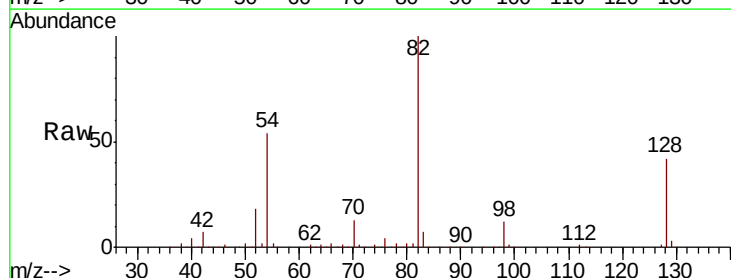


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

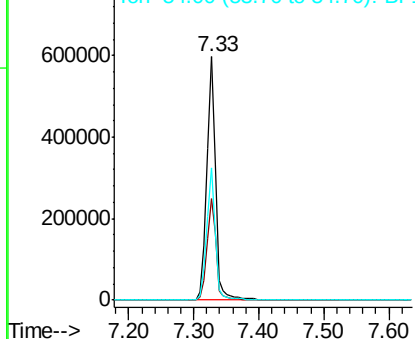
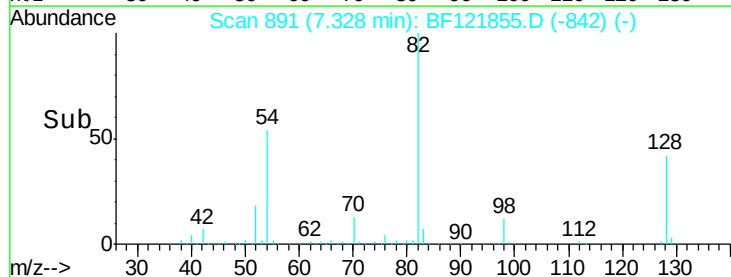


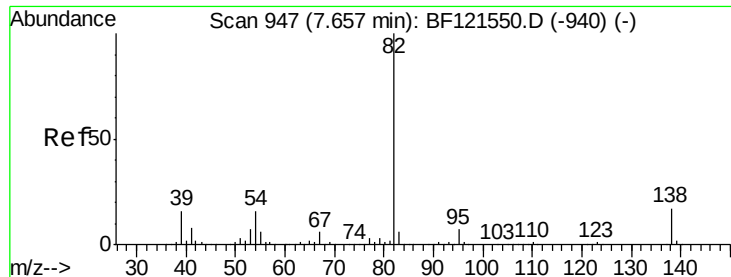
#23
Nitrobenzene-d5
Concen: 66.539 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121855.D
Acq: 6 Oct 2020 16:29

Tgt Ion: 82	Resp:	569327
Ion	Ratio	Lower Upper
82	100	
128	41.5	35.0 52.4
54	54.1	43.9 65.9



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

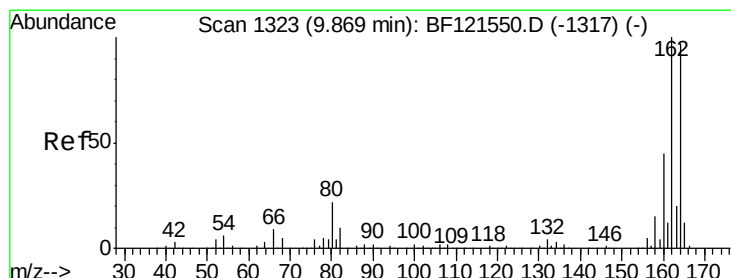
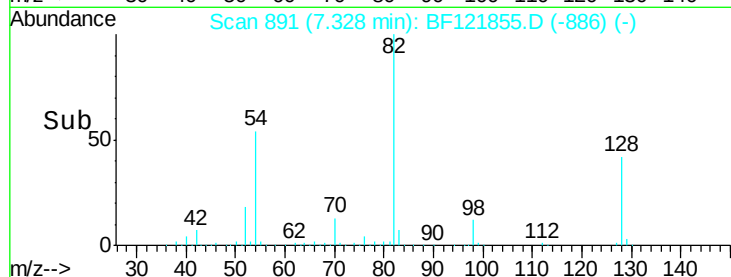
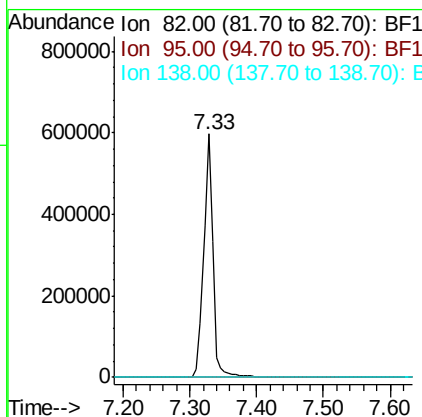
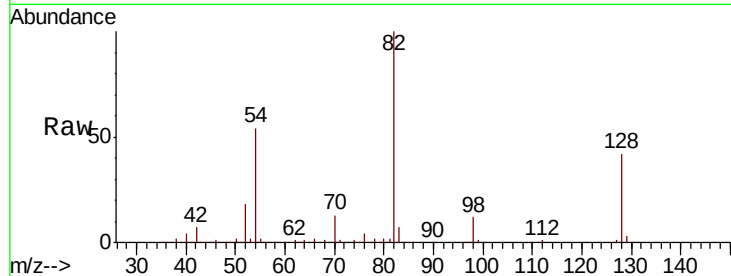




#25
Isophorone
Concen: 33.054 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.27 min
Lab File: BF121855.D
Acq: 6 Oct 2020 16:29

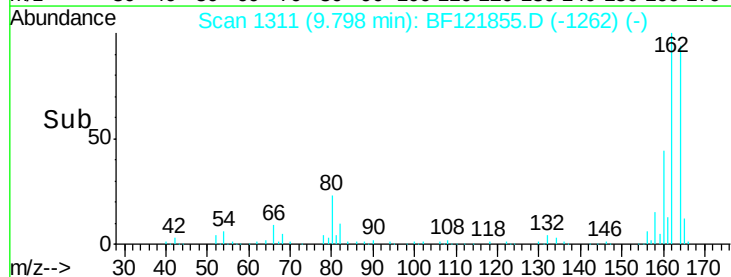
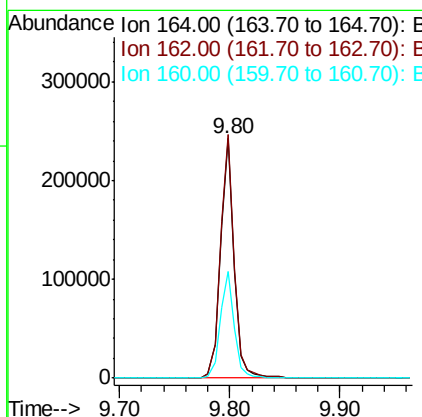
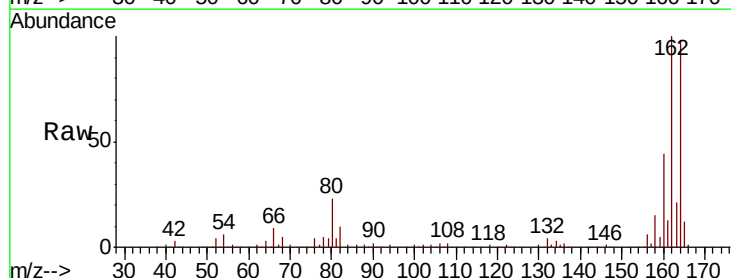
Instrument :
BNA_F
ClientSampleId :
MH-1-(6)

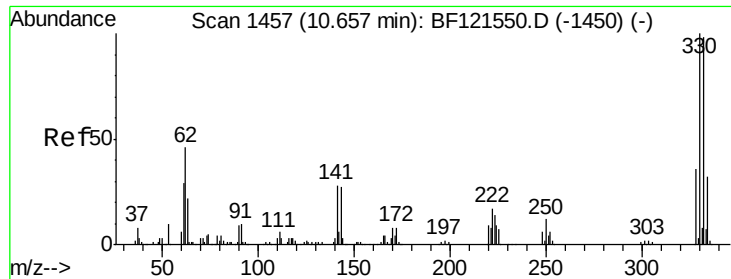
Tot Ion: 82 Resp: 569323
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121855.D
Acq: 6 Oct 2020 16:29

Tgt Ion: 164 Resp: 207894
Ion Ratio Lower Upper
164 100
162 101.7 83.2 124.8
160 44.8 37.5 56.3





#42

2,4,6-Tribromophenol

Concen: 60.639 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BF121855.D

Acq: 6 Oct 2020 16:29

Instrument :

BNA_F

ClientSampleId :

MH-1-(6)

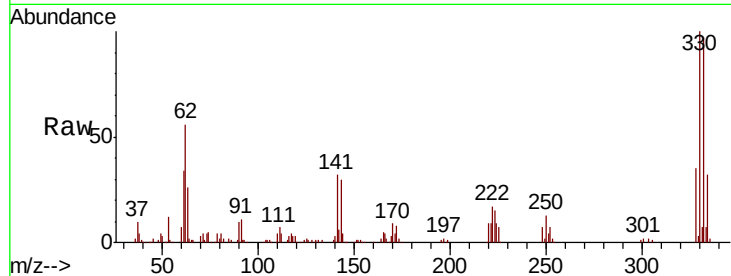
Tot Ion:330 Resp: 156681

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

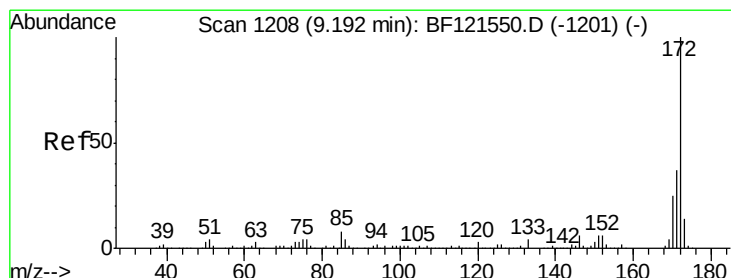
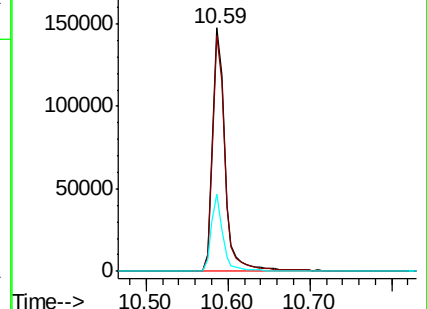
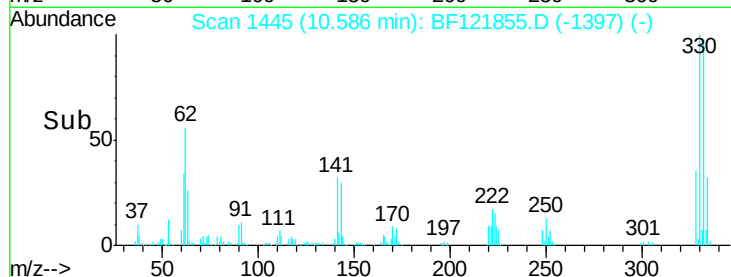
141 29.9 22.3 33.5



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: 68.854 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF121855.D

Acq: 6 Oct 2020 16:29

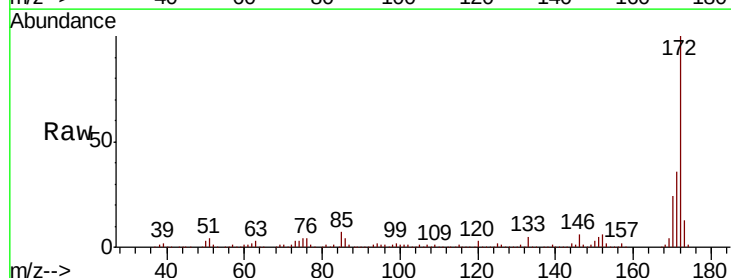
Tgt Ion:172 Resp: 945128

Ion Ratio Lower Upper

172 100

171 35.9 29.1 43.7

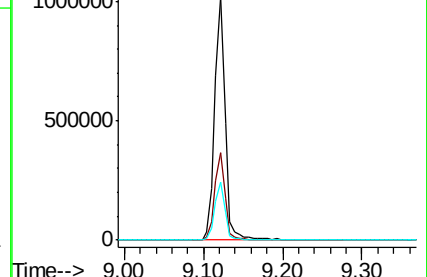
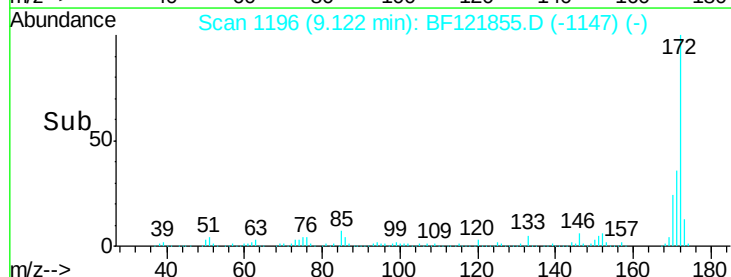
170 23.7 19.8 29.6

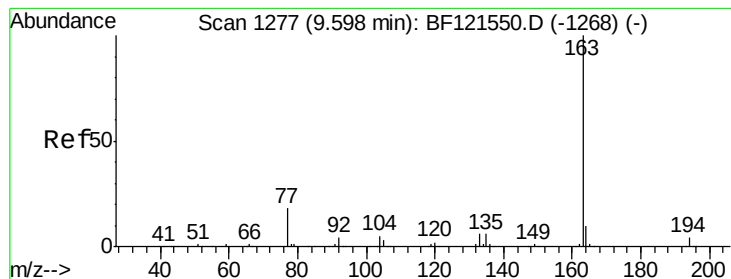


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.093 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF121855.D

Acq: 6 Oct 2020 16:29

Instrument :

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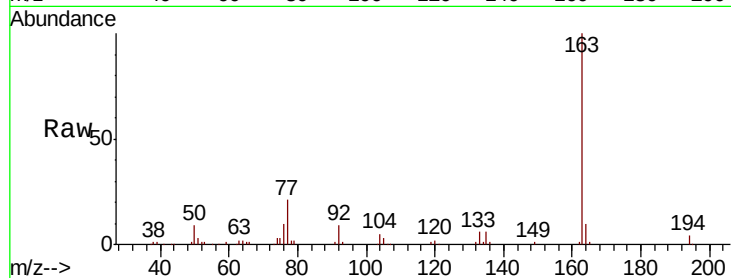
Tot Ion:163 Resp: 182214

Ion Ratio Lower Upper

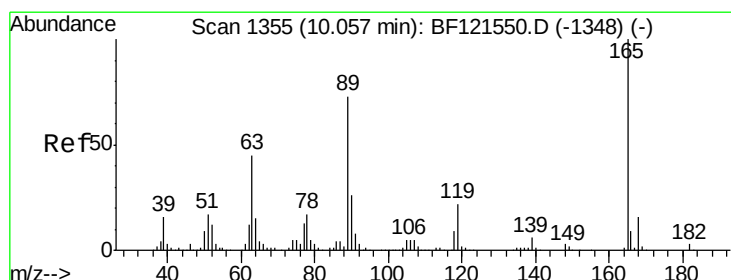
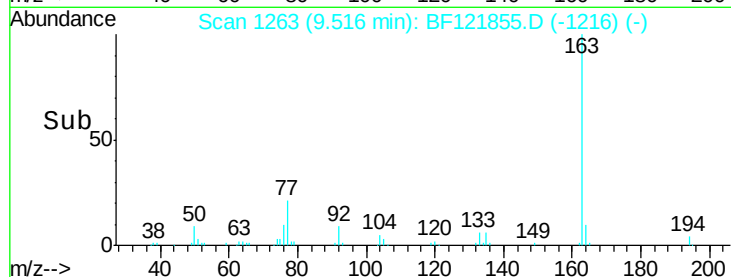
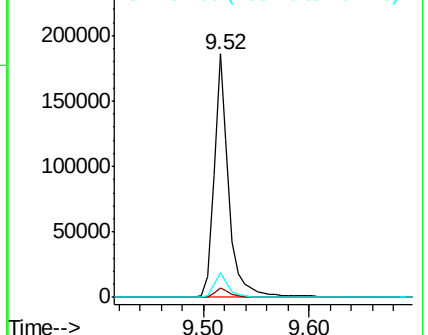
163 100

194 3.7 3.3 4.9

164 10.2 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: 6.583 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.21 min

Lab File: BF121855.D

Acq: 6 Oct 2020 16:29

Tgt Ion:165 Resp: 26574

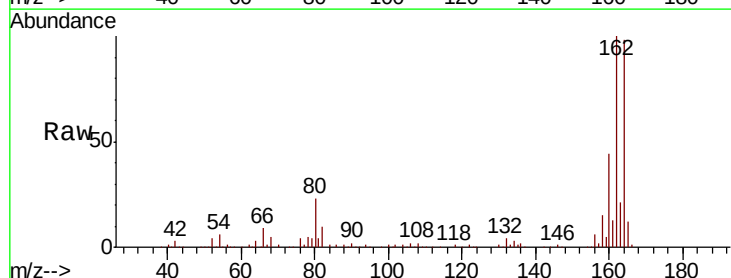
Ion Ratio Lower Upper

165 100

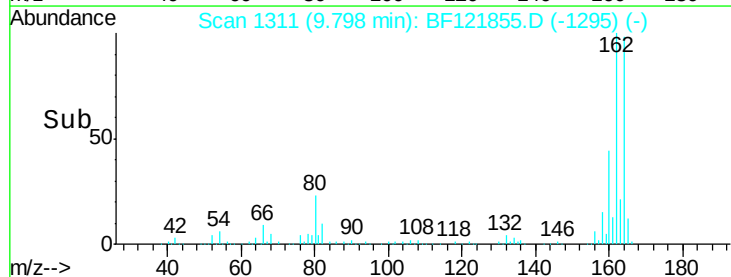
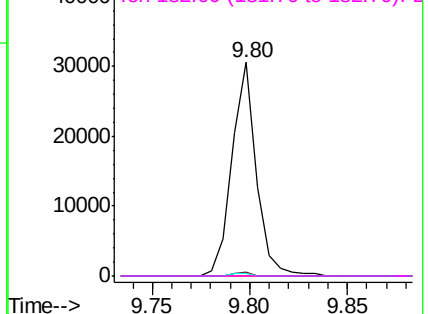
63 1.6 41.3 61.9#

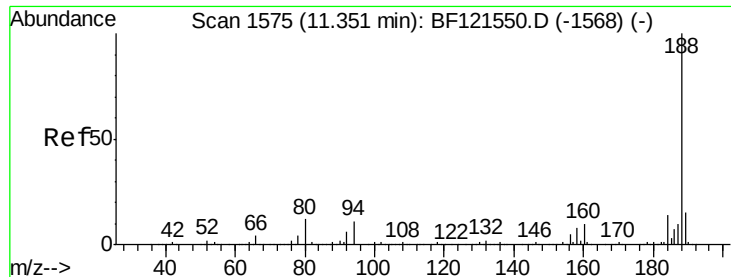
89 1.5 61.8 92.8#

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

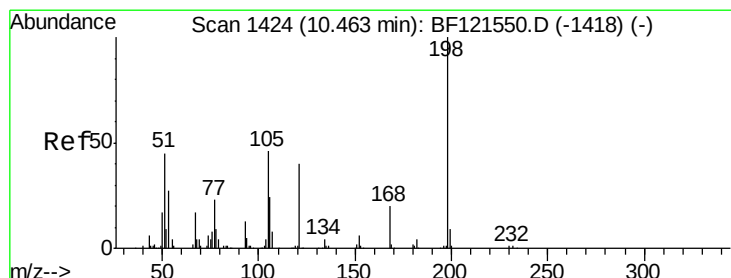
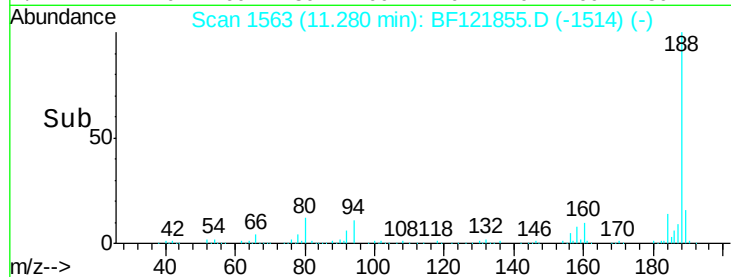
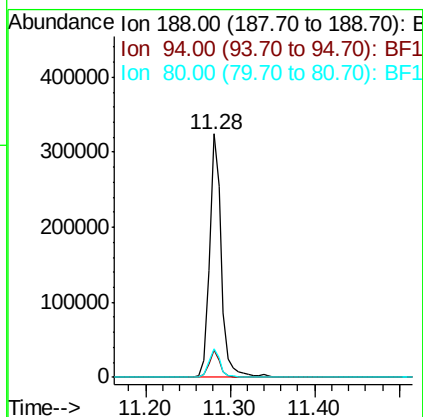
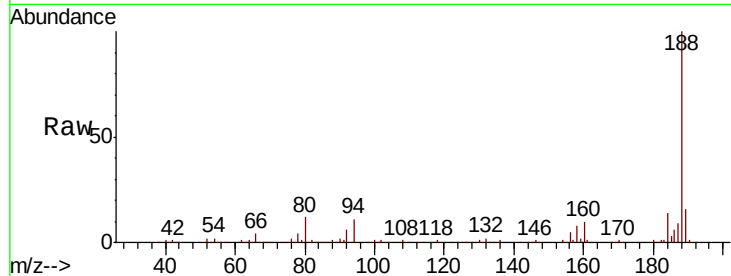




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF121855.D
 Acq: 6 Oct 2020 16:29

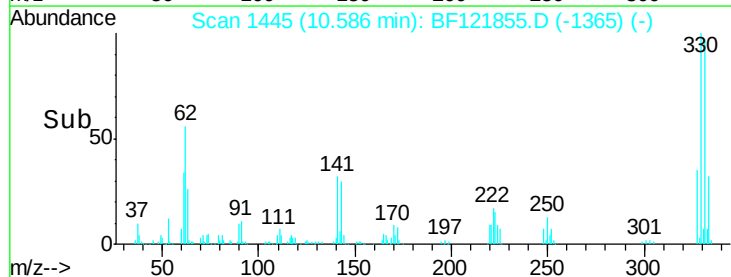
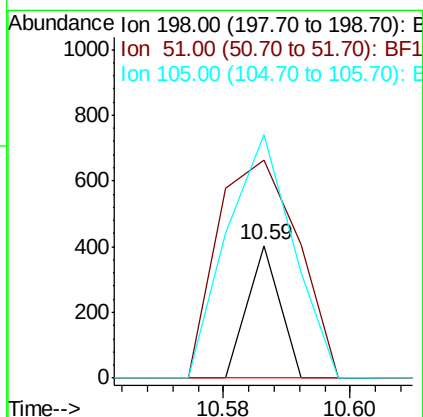
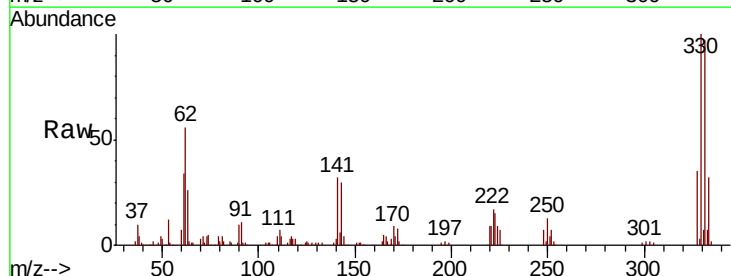
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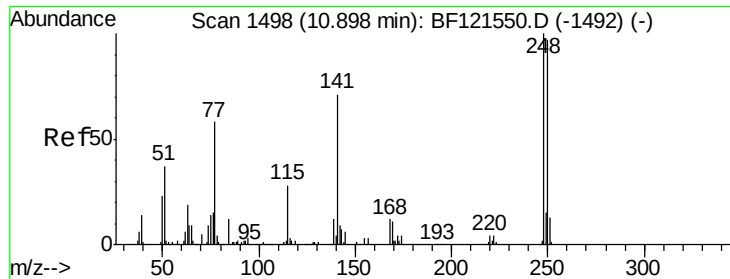
Tot Ion:188 Resp: 318817
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.3 12.5
 80 12.0 9.1 13.7



#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.914 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.17 min
 Lab File: BF121855.D
 Acq: 6 Oct 2020 16:29

Tgt Ion:198 Resp: 142
 Ion Ratio Lower Upper
 198 100
 51 165.0 29.6 69.6#
 105 183.9 24.4 64.4#

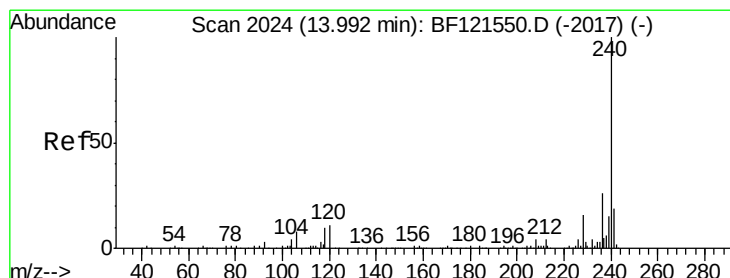
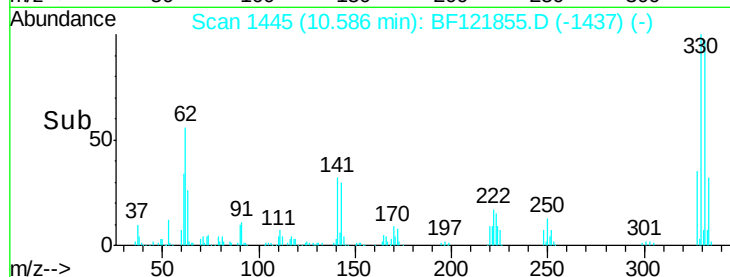
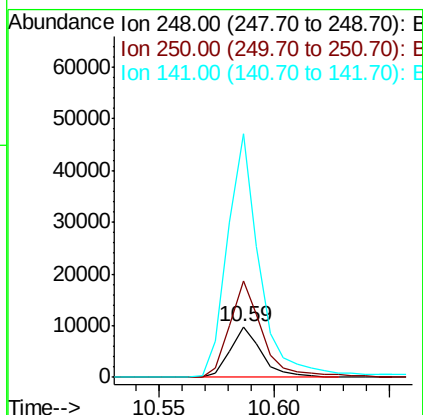
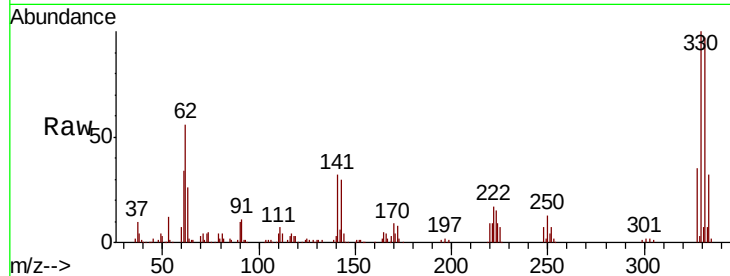




#67
 4-Bromophenyl-phenylether
 Concen: 2.522 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF121855.D
 Acq: 6 Oct 2020 16:29

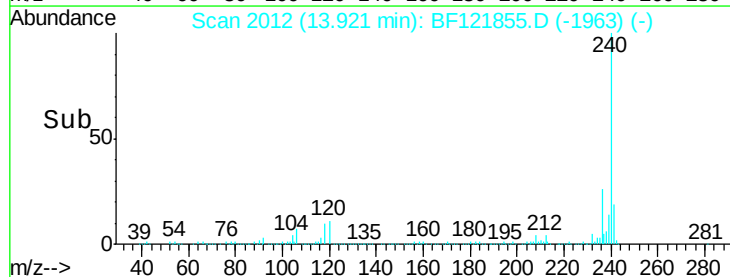
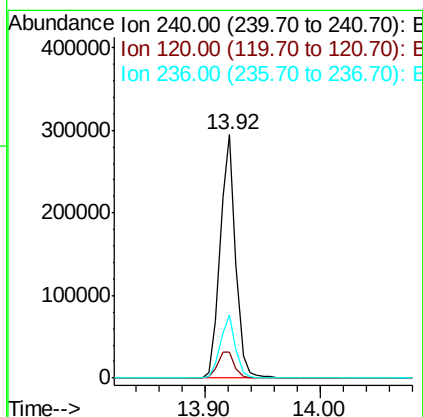
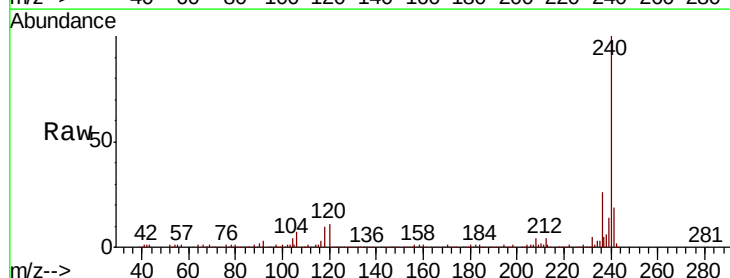
Instrument :
 BNA_F
 ClientSampleId :
 MH-1-(6)

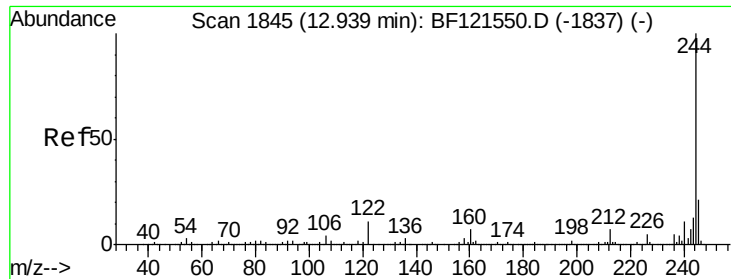
Tot Ion:248 Resp: 9155
 Ion Ratio Lower Upper
 248 100
 250 191.2 77.0 115.6#
 141 483.3 53.7 80.5#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF121855.D
 Acq: 6 Oct 2020 16:29

Tgt Ion:240 Resp: 273073
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.2 13.8
 236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 51.707 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF121855.D

Acq: 6 Oct 2020 16:29

Instrument :

BNA_F

ClientSampleId :

MH-1-(6)

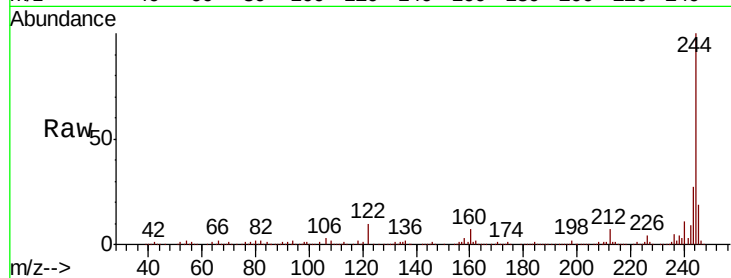
Tot Ion:244 Resp: 696961

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

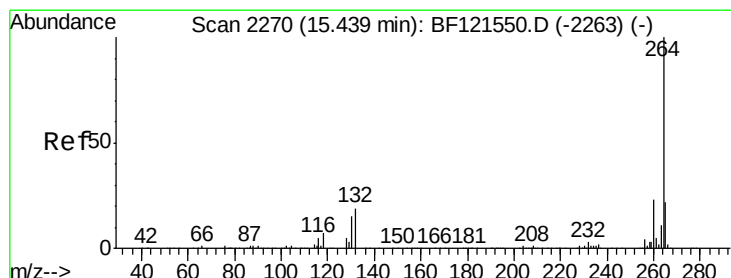
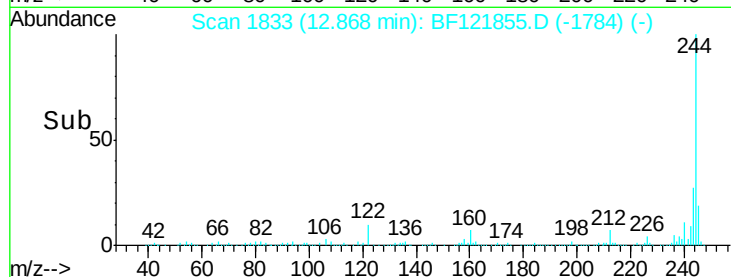
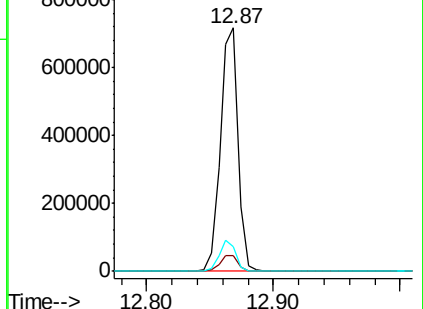
122 10.4 8.1 12.1



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: 15.36 min Scan# 2256

Delta R.T. -0.01 min

Lab File: BF121855.D

Acq: 6 Oct 2020 16:29

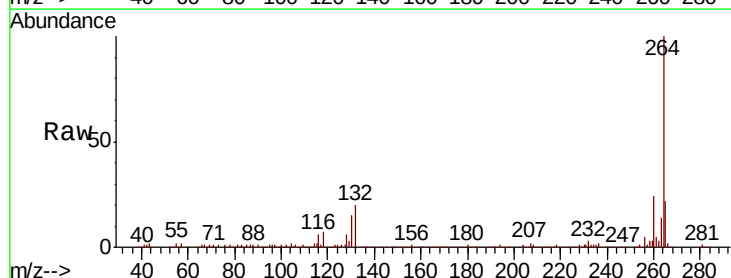
Tgt Ion:264 Resp: 283163

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.5 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

