

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135623.D
 Acq On : 06 Oct 2023 11:54
 Operator : CG\JU
 Sample : PB156086TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 12:25:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

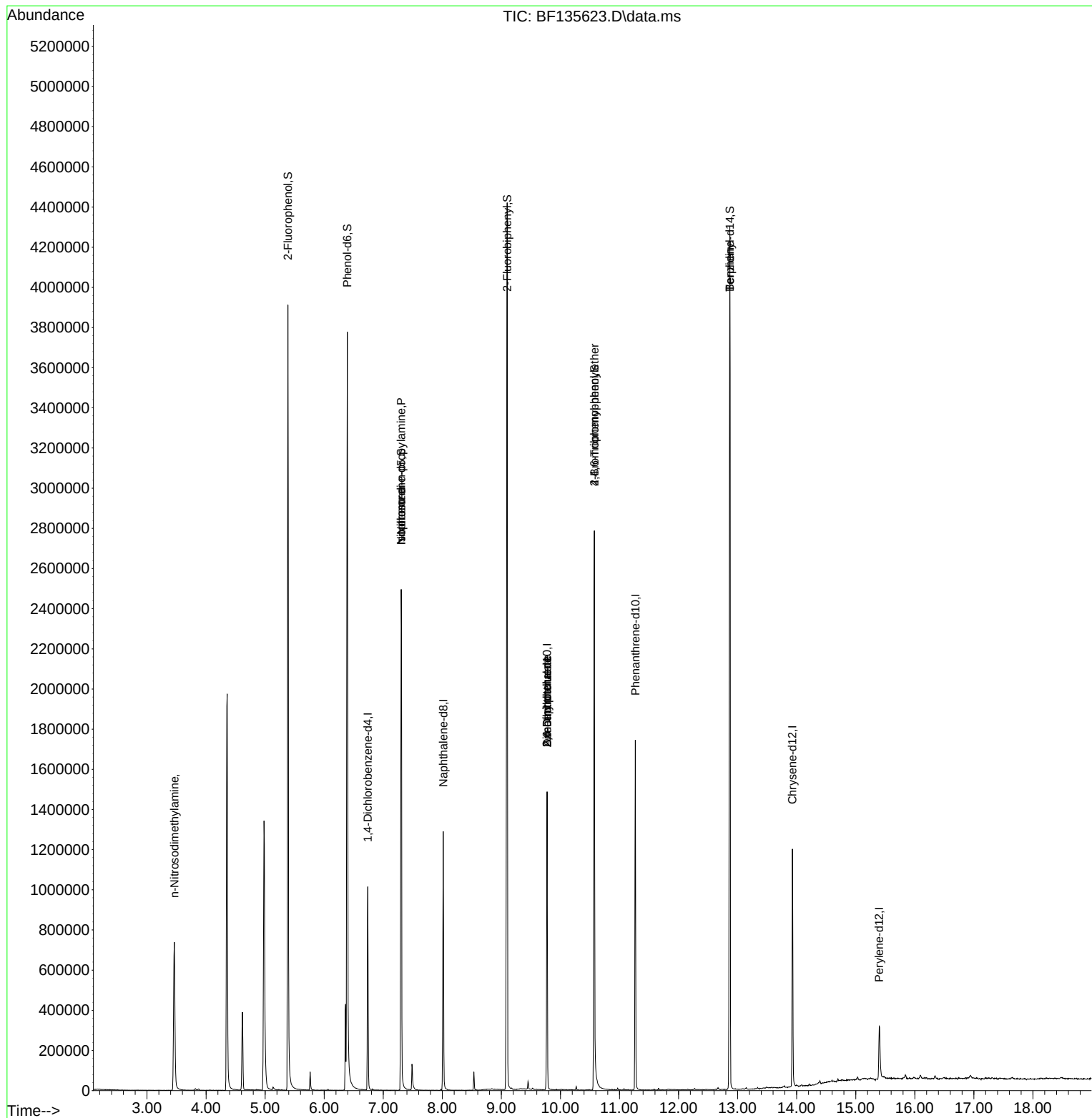
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	151168	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	598952	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	279758	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	621368	20.000	ng	0.00
76) Chrysene-d12	13.927	240	400010	20.000	ng	0.00
86) Perylene-d12	15.398	264	104711	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1132493	121.847	ng	0.02
7) Phenol-d6	6.392	99	1394118	117.962	ng	0.00
23) Nitrobenzene-d5	7.304	82	927473	84.129	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	372077	133.835	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1606641	86.645	ng	0.00
79) Terphenyl-d14	12.868	244	1794124	69.529	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.463	42	18174	3.123	ng	# 1
19) n-Nitroso-di-n-propyla...	7.304	70	121974	16.663	ng	# 81
25) Isophorone	7.304	82	927464	45.815	ng	# 65
50) Dimethylphthalate	9.775	163	72373	3.826	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	35406	8.545	ng	# 18
57) 2,4-Dinitrotoluene	9.775	165	35406	6.825	ng	# 20
67) 4-Bromophenyl-phenylether	10.574	248	23609	3.820	ng	# 1
77) Benzidine	12.868	184	22547	2.751	ng	# 94

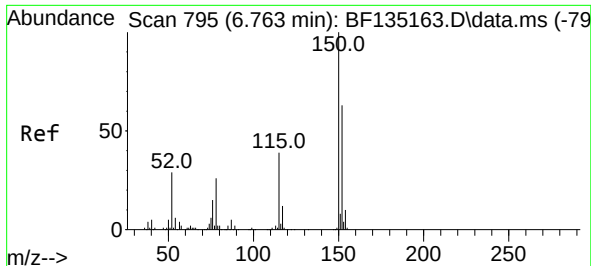
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
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BNA_F
ClientSampleId :

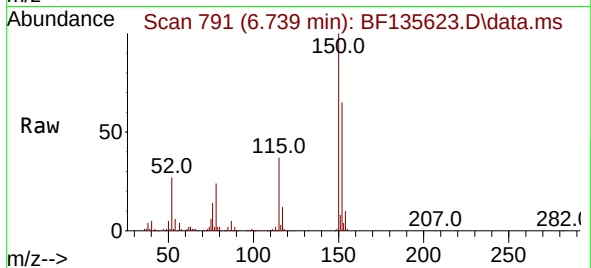
Quant Time: Oct 06 12:25:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration



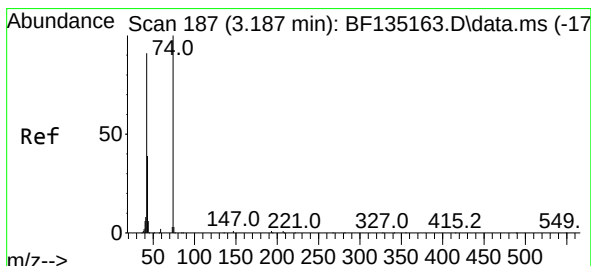
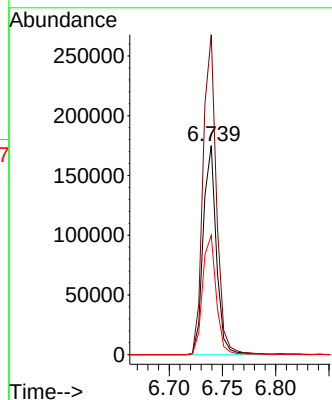
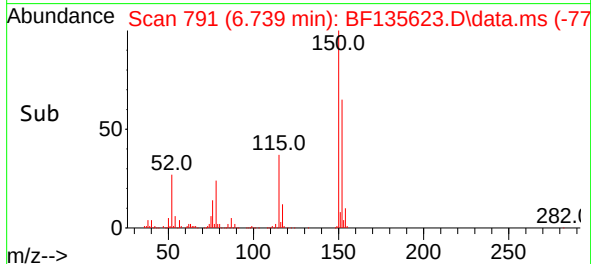


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135623.D
Acq: 06 Oct 2023 11:54

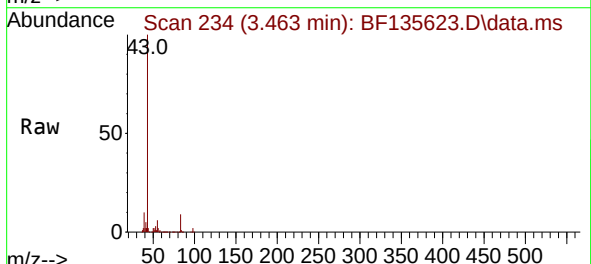
Instrument :
BNA_F
ClientSampleId :



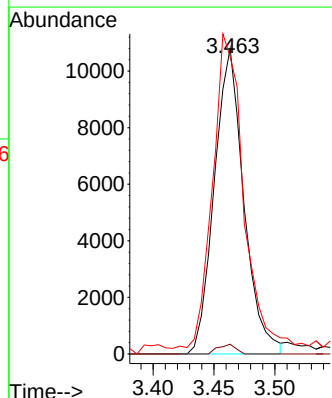
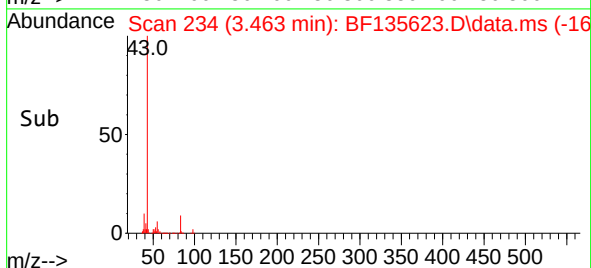
Tgt Ion:152 Resp: 151168
Ion Ratio Lower Upper
152 100
150 153.1 127.8 191.6
115 57.1 49.8 74.8

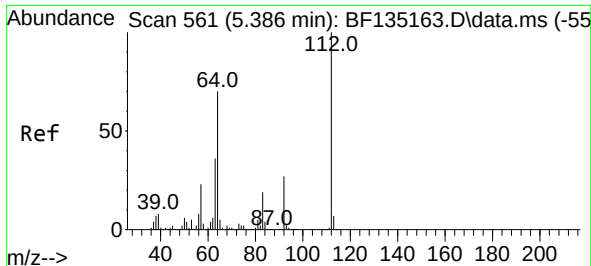


#4
n-Nitrosodimethylamine
Concen: 3.123 ng
RT: 3.463 min Scan# 234
Delta R.T. 0.329 min
Lab File: BF135623.D
Acq: 06 Oct 2023 11:54



Tgt Ion: 42 Resp: 18174
Ion Ratio Lower Upper
42 100
74 3.2 87.7 131.5#
44 97.3 5.6 8.4#

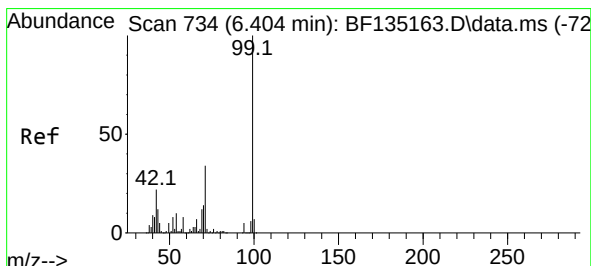
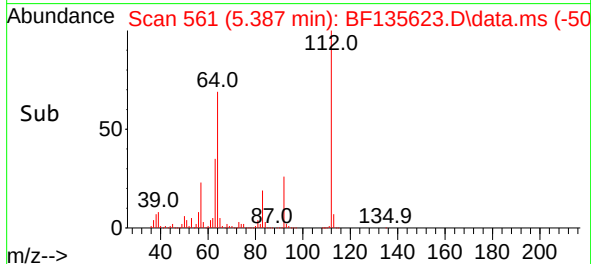
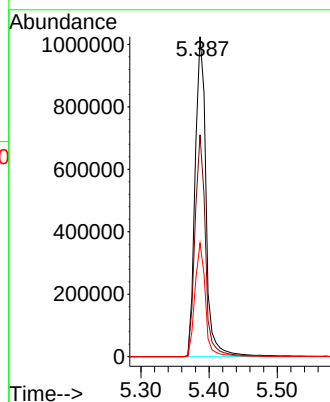
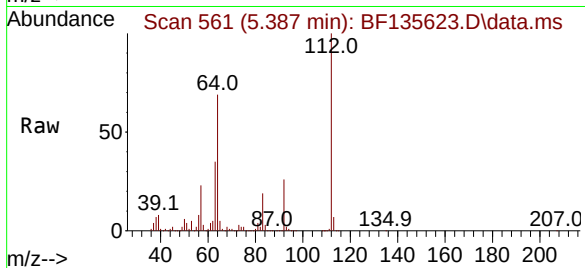




#5
2-Fluorophenol
Concen: 121.847 ng
RT: 5.387 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF135623.D
Acq: 06 Oct 2023 11:54

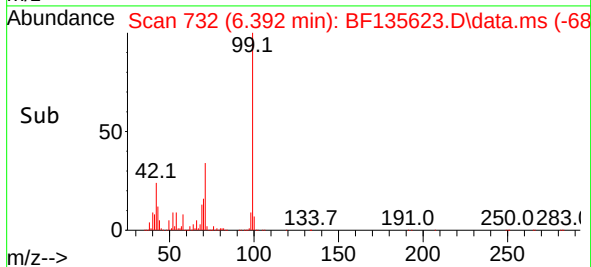
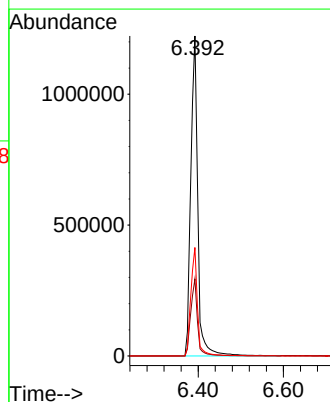
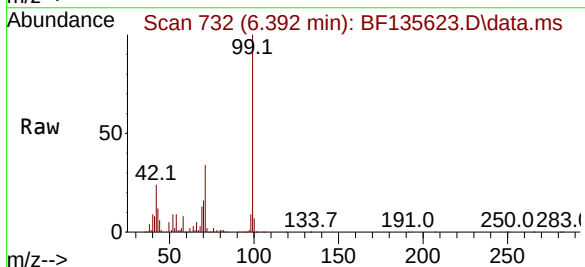
Instrument :
BNA_F
ClientSampleId :

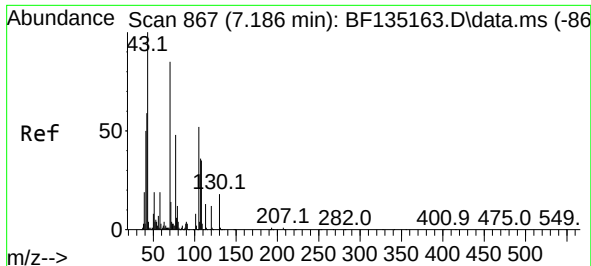
Tgt Ion:112 Resp: 1132493
Ion Ratio Lower Upper
112 100
64 69.3 55.9 83.9
63 35.5 29.0 43.6



#7
Phenol-d6
Concen: 117.962 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF135623.D
Acq: 06 Oct 2023 11:54

Tgt Ion: 99 Resp: 1394118
Ion Ratio Lower Upper
99 100
42 24.1 17.9 26.9
71 33.9 27.0 40.6

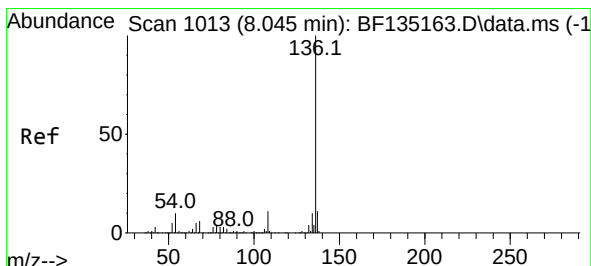
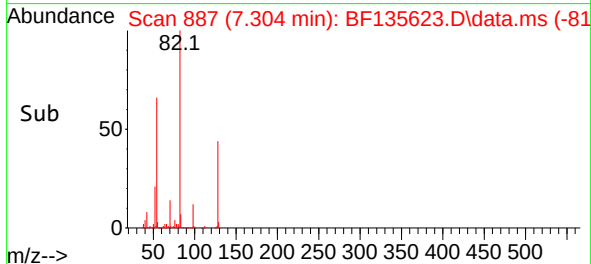
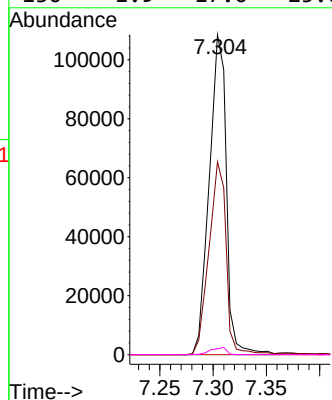
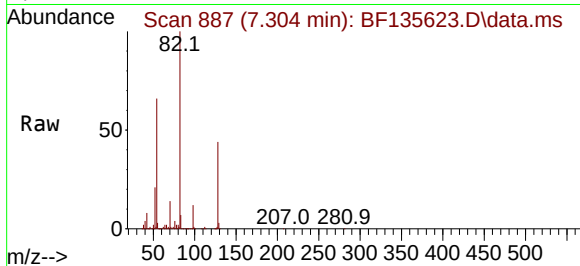




#19
n-Nitroso-di-n-propylamine
Concen: 16.663 ng
RT: 7.304 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF135623.D
Acq: 06 Oct 2023 11:54

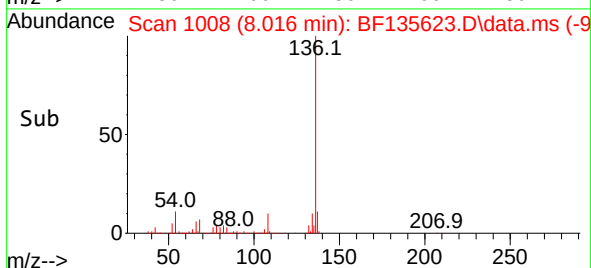
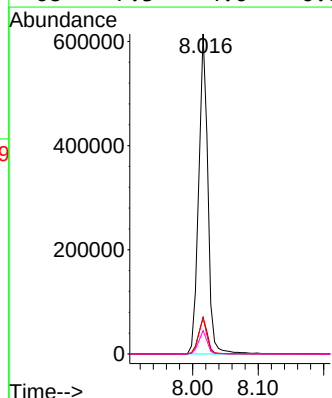
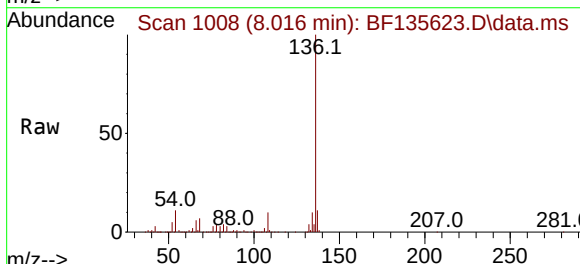
Instrument :
BNA_F
ClientSampleId :

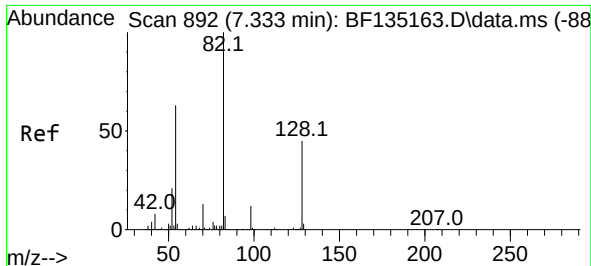
Tgt Ion: 70 Resp: 121974
Ion Ratio Lower Upper
70 100
42 60.3 55.4 83.0
101 0.0 7.7 11.5#
130 1.9 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135623.D
Acq: 06 Oct 2023 11:54

Tgt Ion:136 Resp: 598952
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 11.3 7.7 11.5
68 7.3 4.6 6.8#





#23

Nitrobenzene-d5

Concen: 84.129 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF135623.D

Acq: 06 Oct 2023 11:54

Instrument :

BNA_F

ClientSampleId :

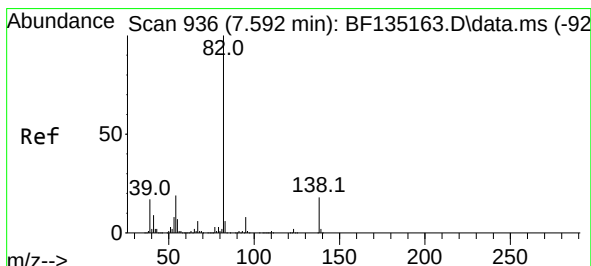
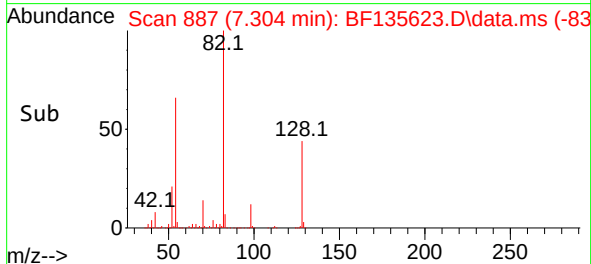
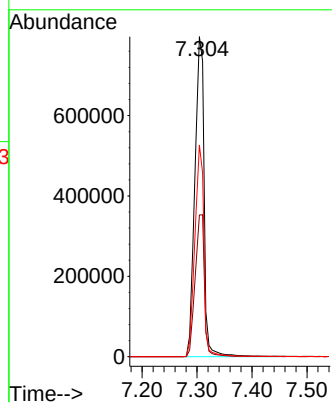
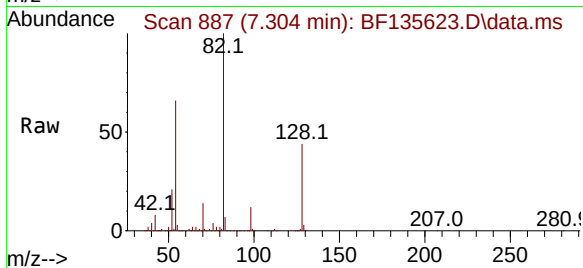
Tgt Ion: 82 Resp: 927473

Ion Ratio Lower Upper

82 100

128 44.2 35.8 53.6

54 66.1 50.6 76.0



#25

Isophorone

Concen: 45.815 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.259 min

Lab File: BF135623.D

Acq: 06 Oct 2023 11:54

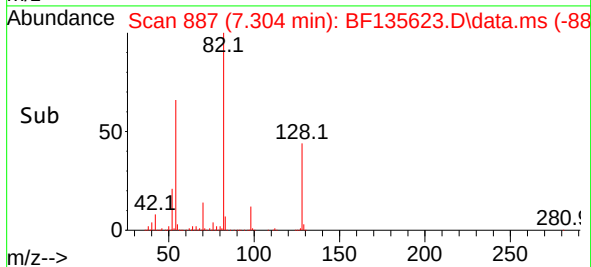
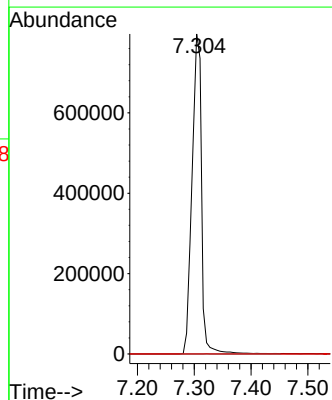
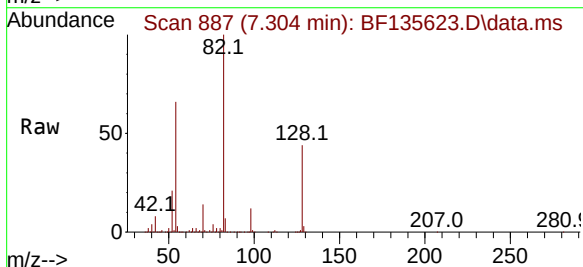
Tgt Ion: 82 Resp: 927464

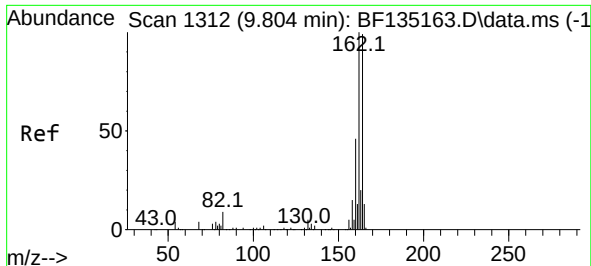
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

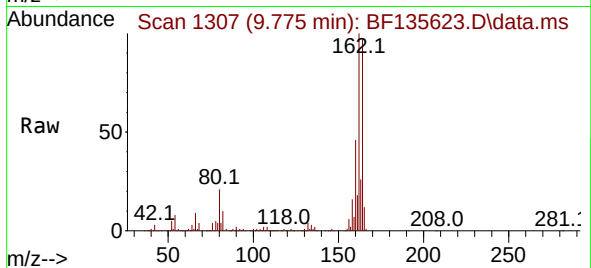
138 0.0 14.5 21.7#



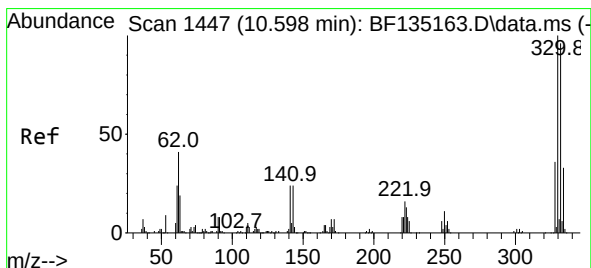
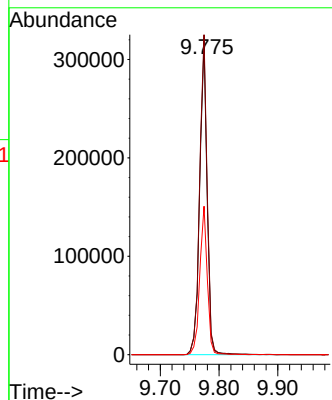
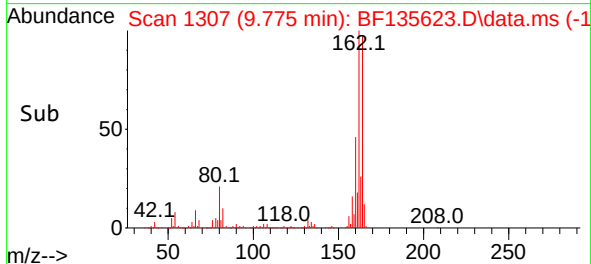


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135623.D
Acq: 06 Oct 2023 11:54

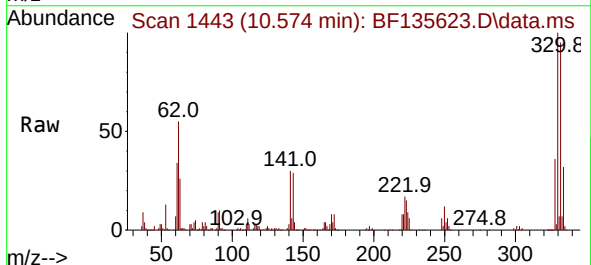
Instrument :
BNA_F
ClientSampleId :



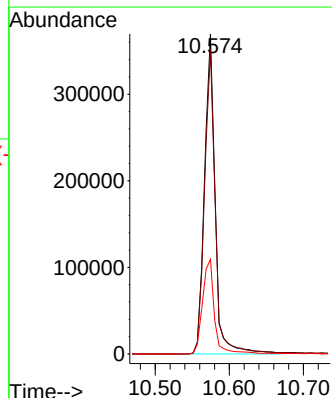
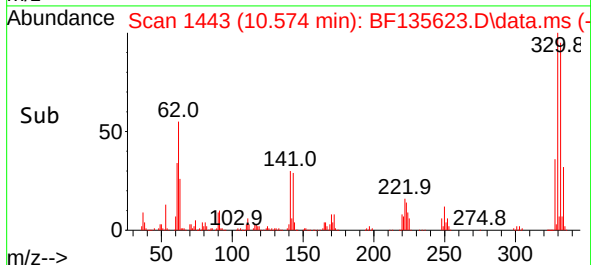
Tgt Ion:164 Resp: 279758
Ion Ratio Lower Upper
164 100
162 102.6 81.0 121.4
160 47.6 37.0 55.4

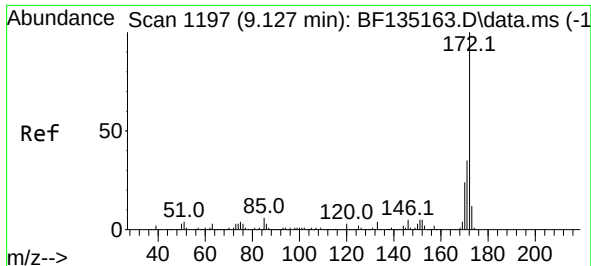


#42
2,4,6-Tribromophenol
Concen: 133.835 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135623.D
Acq: 06 Oct 2023 11:54



Tgt Ion:330 Resp: 372077
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 33.3 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 86.645 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

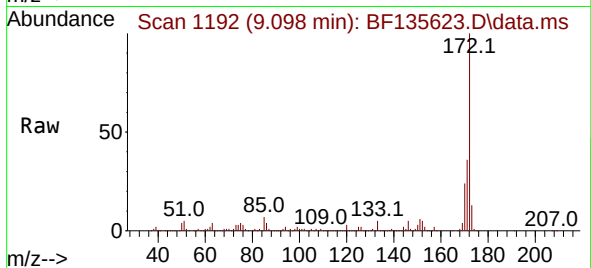
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Acq: 06 Oct 2023 11:54

Instrument :

BNA_F

ClientSampleId :



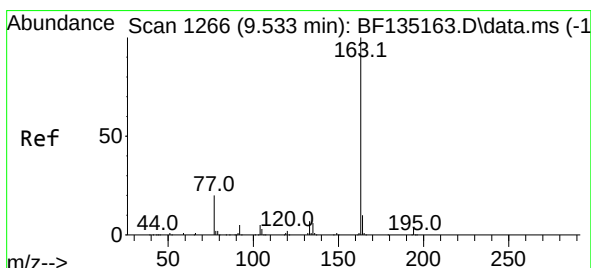
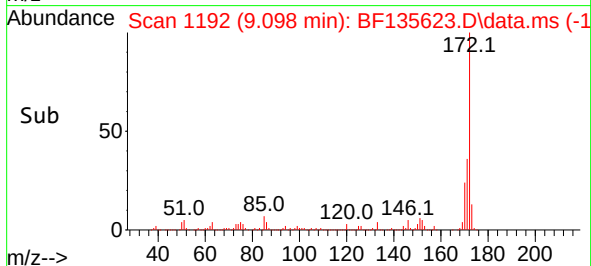
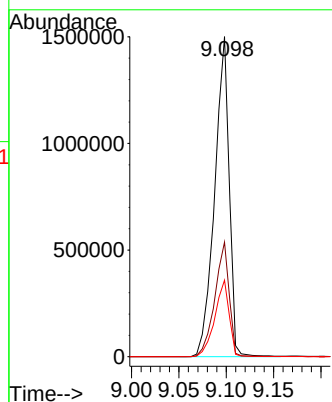
Tgt Ion:172 Resp: 1606641

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.9 19.0 28.4



#50

Dimethylphthalate

Concen: 3.826 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.271 min

Lab File: BF135623.D

Acq: 06 Oct 2023 11:54

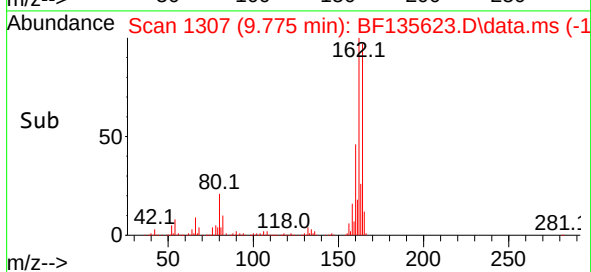
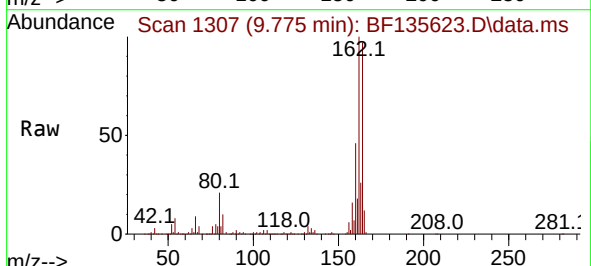
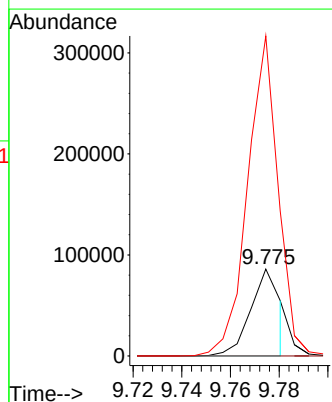
Tgt Ion:163 Resp: 72373

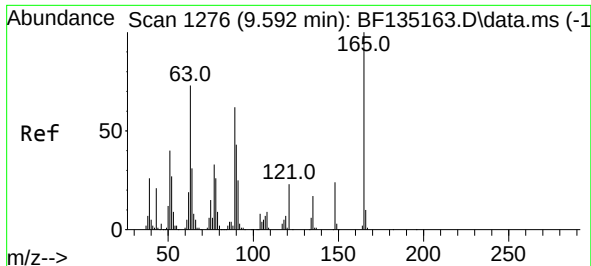
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 368.4 8.1 12.1#

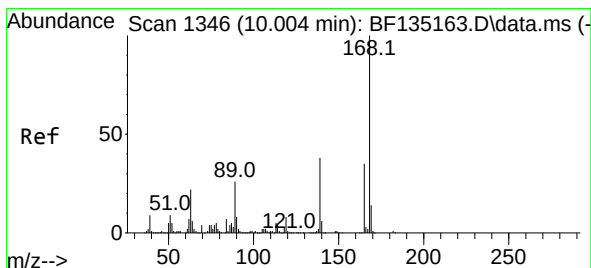
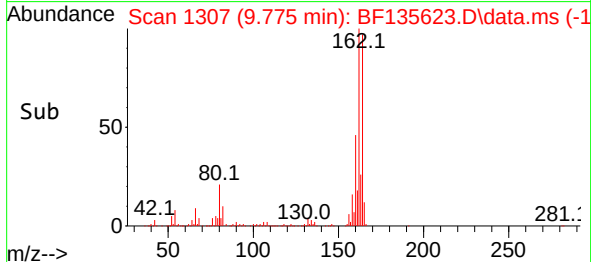
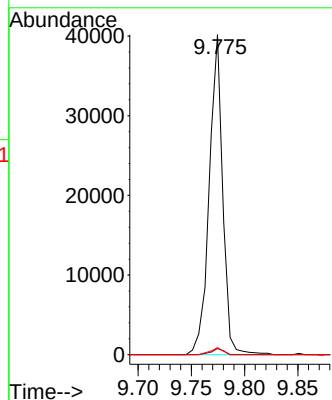
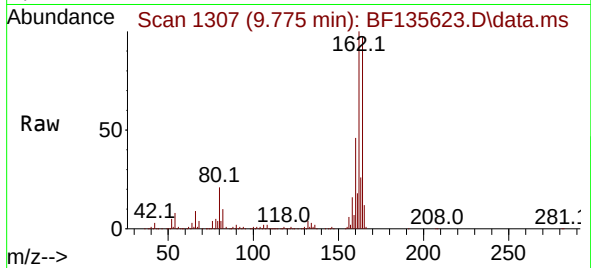




#51
2,6-Dinitrotoluene
Concen: 8.545 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF135623.D
Acq: 06 Oct 2023 11:54

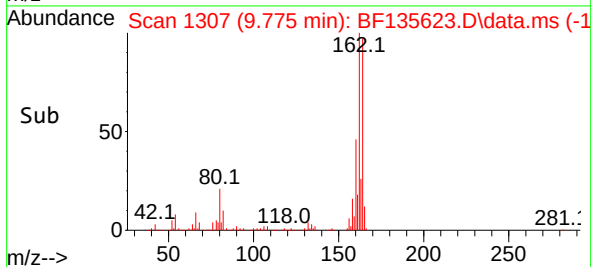
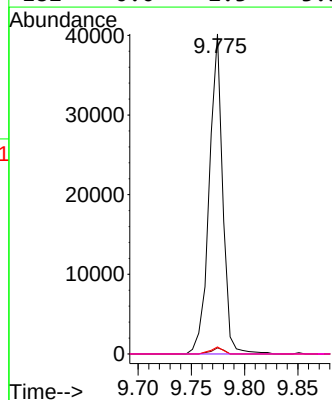
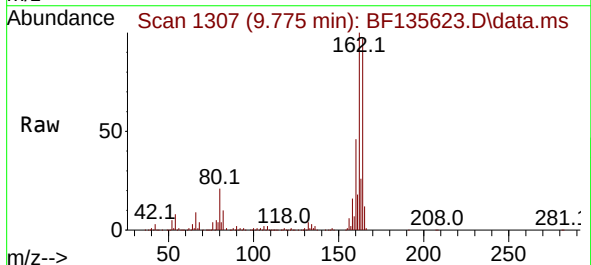
Instrument :
BNA_F
ClientSampleId :

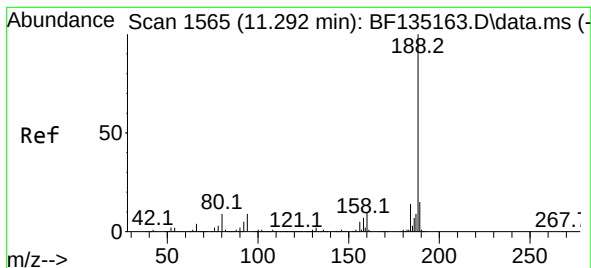
Tgt Ion:165 Resp: 35406
Ion Ratio Lower Upper
165 100
63 1.9 59.4 89.2#
89 2.2 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.825 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF135623.D
Acq: 06 Oct 2023 11:54

Tgt Ion:165 Resp: 35406
Ion Ratio Lower Upper
165 100
63 1.9 50.1 75.1#
89 2.2 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135623.D

Acq: 06 Oct 2023 11:54

Instrument :

BNA_F

ClientSampleId :

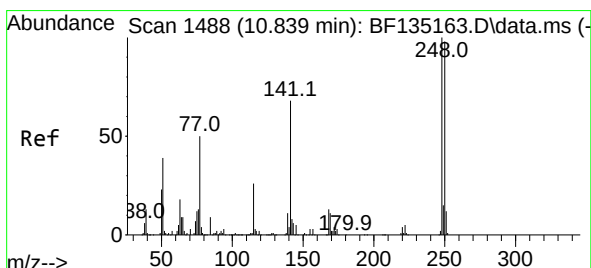
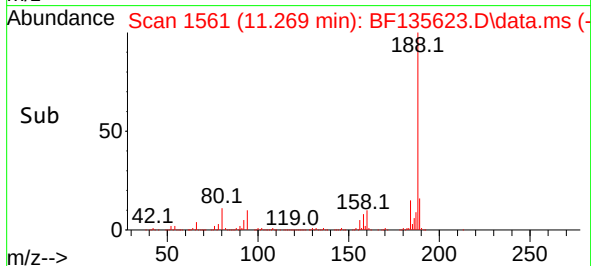
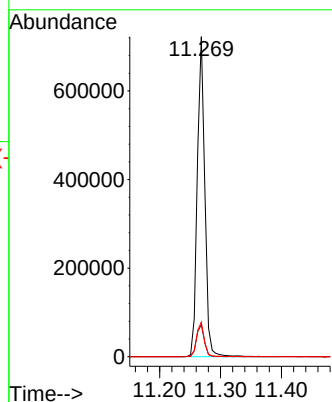
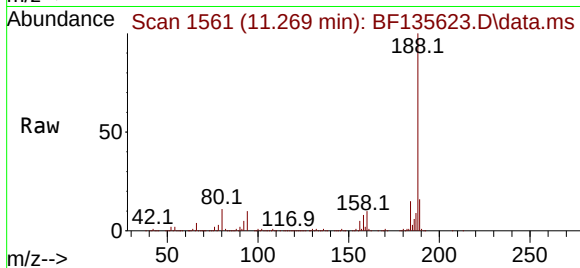
Tgt Ion:188 Resp: 621368

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

80 10.8 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 3.820 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.235 min

Lab File: BF135623.D

Acq: 06 Oct 2023 11:54

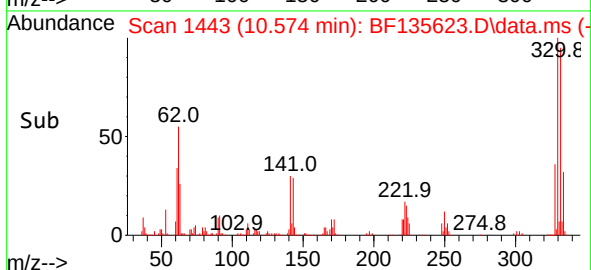
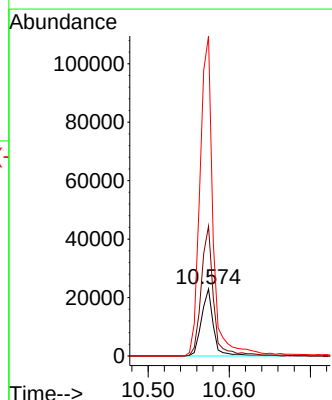
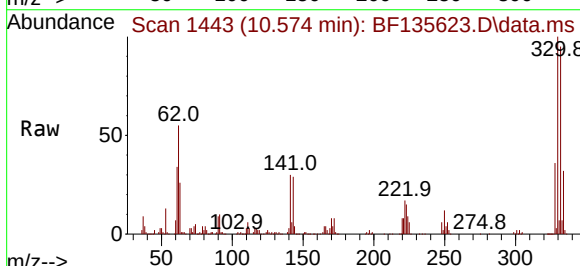
Tgt Ion:248 Resp: 23609

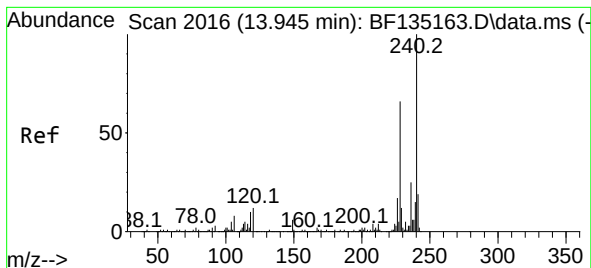
Ion Ratio Lower Upper

248 100

250 193.6 78.6 117.8#

141 477.6 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135623.D

Acq: 06 Oct 2023 11:54

Instrument :

BNA_F

ClientSampleId :

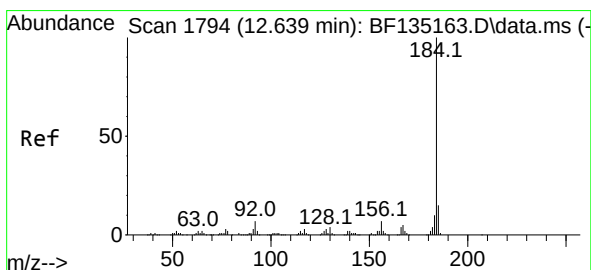
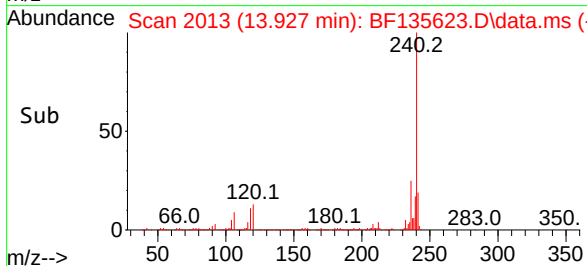
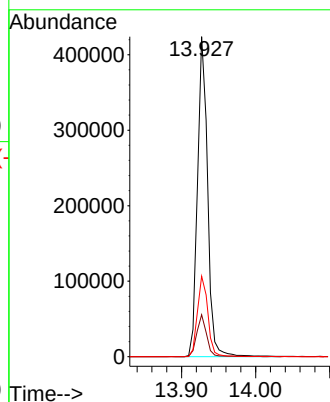
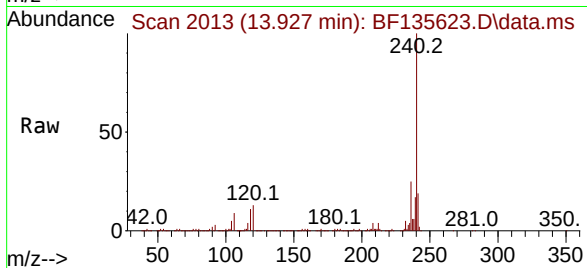
Tgt Ion:240 Resp: 400010

Ion Ratio Lower Upper

240 100

120 13.1 9.4 14.2

236 25.2 19.8 29.8



#77

Benzidine

Concen: 2.751 ng

RT: 12.868 min Scan# 1833

Delta R.T. 0.253 min

Lab File: BF135623.D

Acq: 06 Oct 2023 11:54

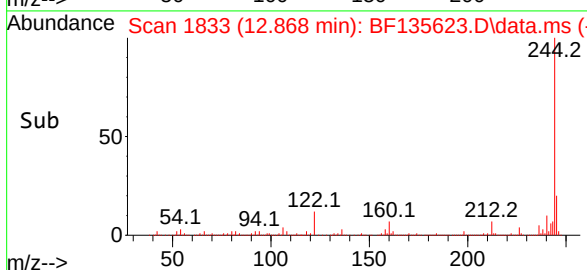
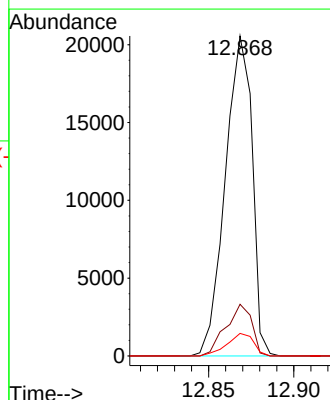
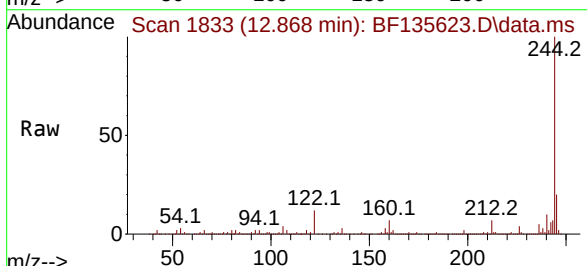
Tgt Ion:184 Resp: 22547

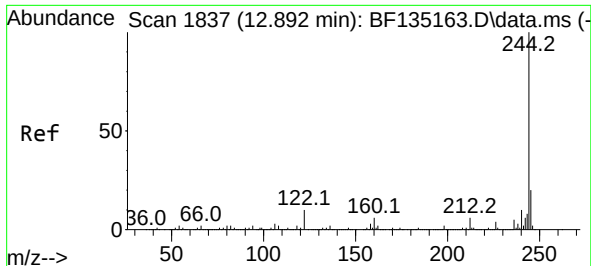
Ion Ratio Lower Upper

184 100

185 16.2 11.7 17.5

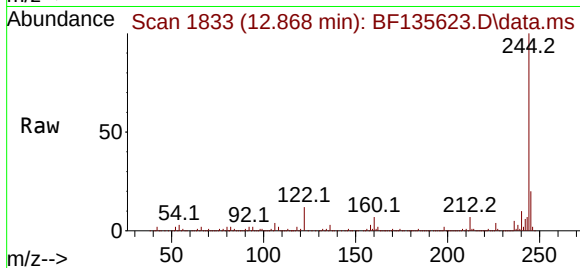
183 7.0 8.2 12.4#



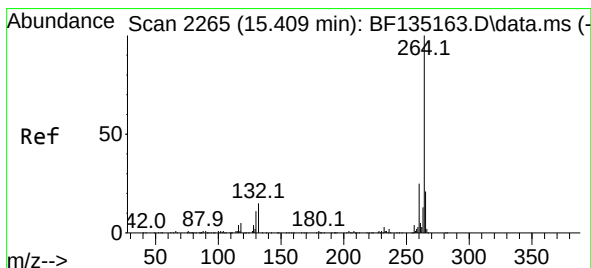
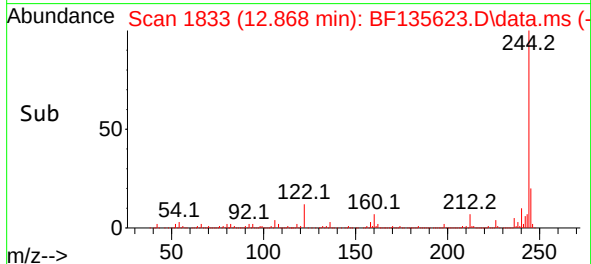
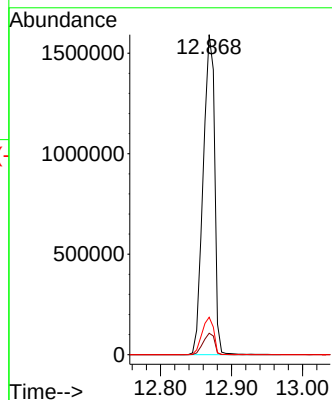


#79
 Terphenyl-d14
 Concen: 69.529 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135623.D
 Acq: 06 Oct 2023 11:54

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1794124
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 11.7 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2263
 Delta R.T. 0.012 min
 Lab File: BF135623.D
 Acq: 06 Oct 2023 11:54

Tgt Ion:264 Resp: 104711
 Ion Ratio Lower Upper
 264 100
 260 25.7 19.8 29.6
 265 18.9 17.0 25.4

