

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135621.D
 Acq On : 06 Oct 2023 10:51
 Operator : CG\JU
 Sample : PB156122BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 11:46:37 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)

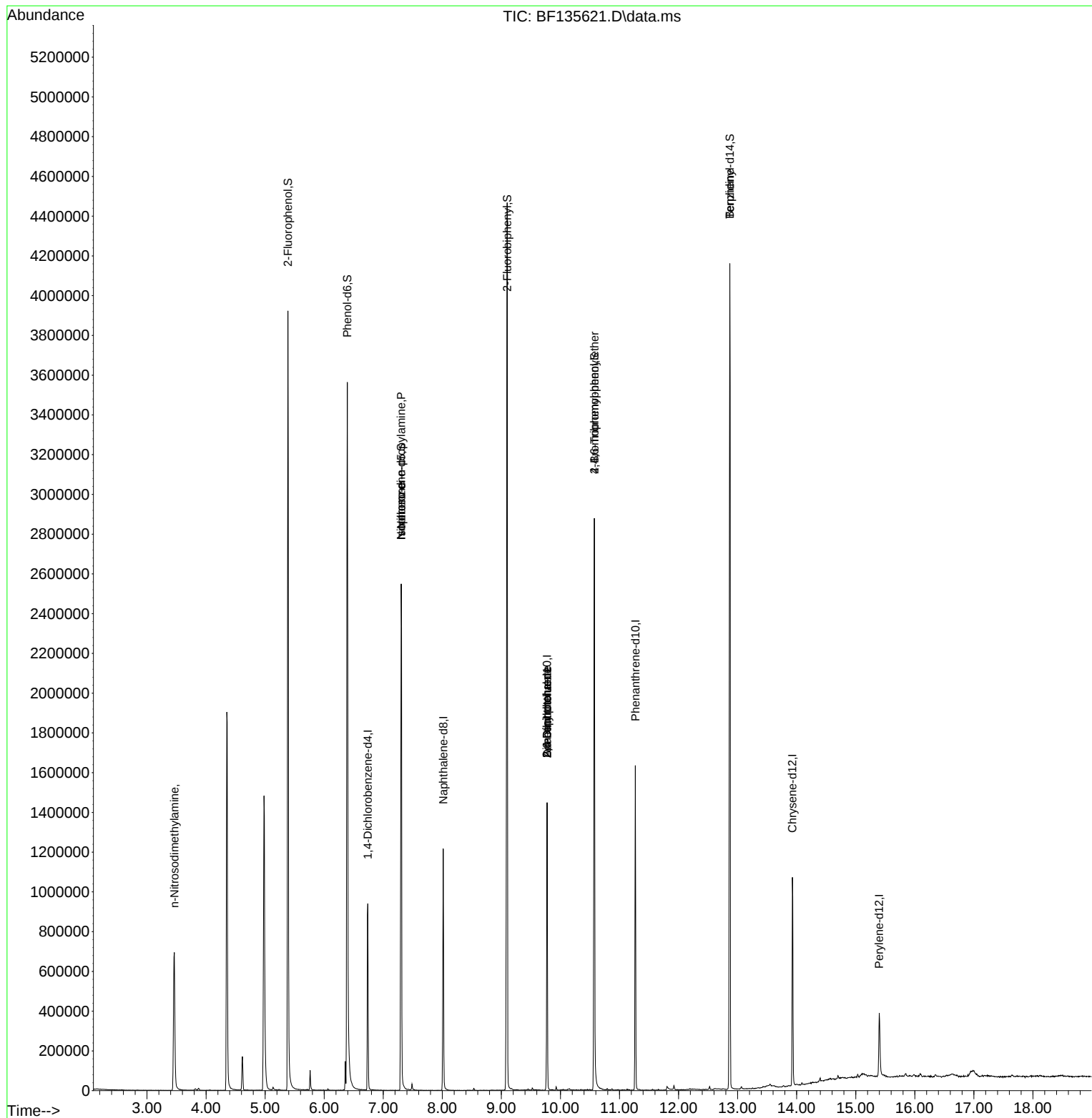
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	145684	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	564803	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	270774	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	562970	20.000	ng	0.00
76) Chrysene-d12	13.927	240	377264	20.000	ng	0.00
86) Perylene-d12	15.398	264	122655	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1153045	128.728	ng	0.02
7) Phenol-d6	6.392	99	1487530	130.604	ng	0.00
23) Nitrobenzene-d5	7.304	82	958651	92.214	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	372401	138.396	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1612284	89.835	ng	0.00
79) Terphenyl-d14	12.868	244	1725149	70.887	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.463	42	17562	3.132	ng	# 1
19) n-Nitroso-di-n-propyla...	7.304	70	127720	18.104	ng	# 80
25) Isophorone	7.304	82	958643	50.218	ng	# 65
50) Dimethylphthalate	9.775	163	67710	3.699	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	34712	8.655	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	34712	6.914	ng	# 19
67) 4-Bromophenyl-phenylether	10.574	248	22835	4.078	ng	# 1
77) Benzidine	12.868	184	22324	2.888	ng	# 91

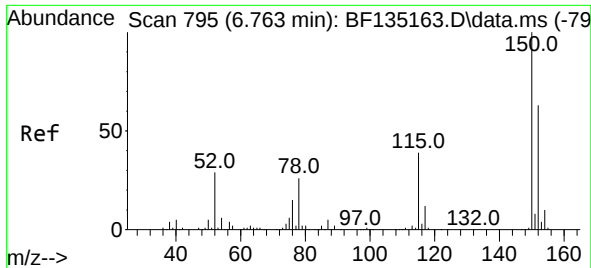
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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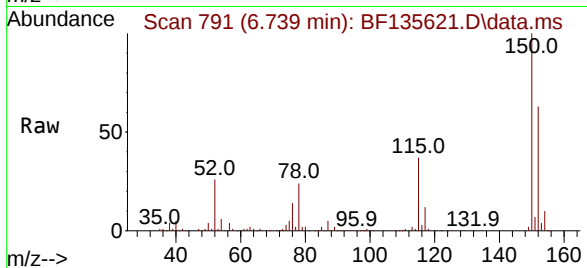
Quant Time: Oct 06 11:46:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
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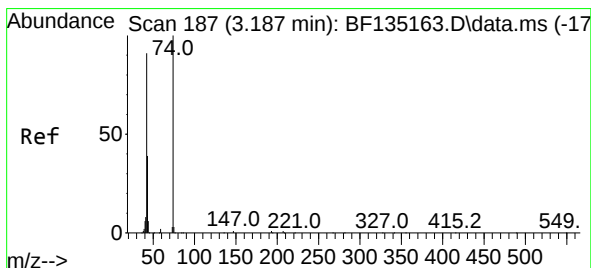
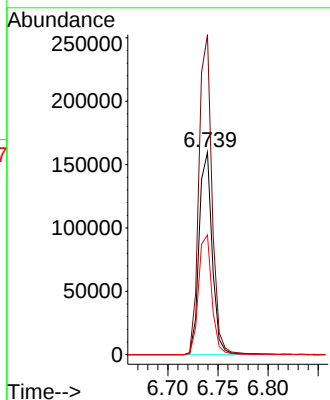
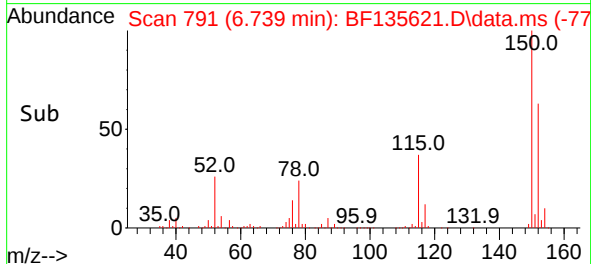


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51

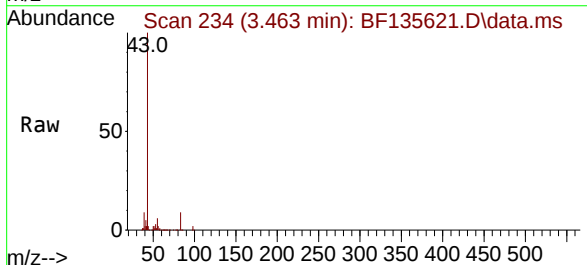
Instrument :
BNA_F
ClientSampleId :



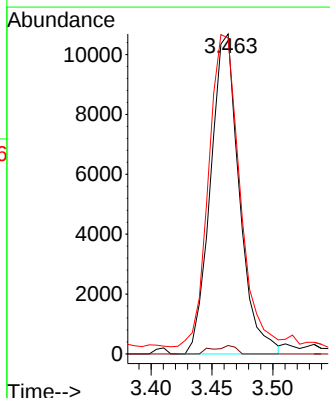
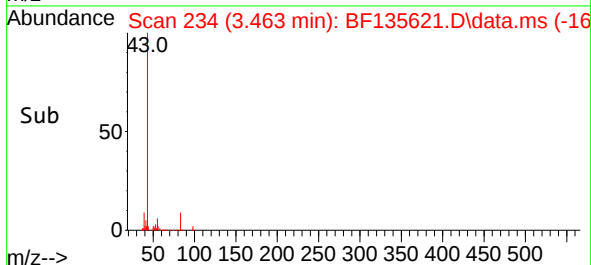
Tgt Ion:152 Resp: 145684
Ion Ratio Lower Upper
152 100
150 158.1 127.8 191.6
115 59.2 49.8 74.8

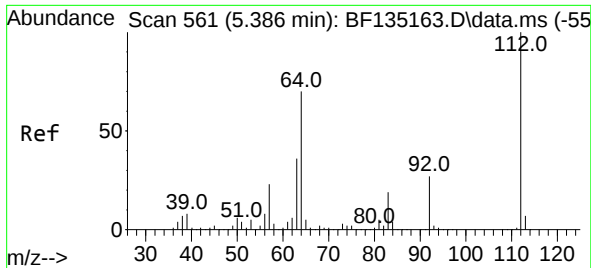


#4
n-Nitrosodimethylamine
Concen: 3.132 ng
RT: 3.463 min Scan# 234
Delta R.T. 0.329 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51



Tgt Ion: 42 Resp: 17562
Ion Ratio Lower Upper
42 100
74 2.6 87.7 131.5#
44 98.7 5.6 8.4#

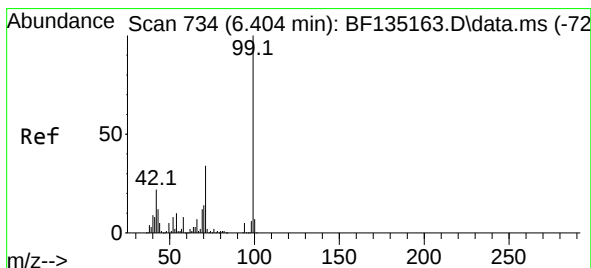
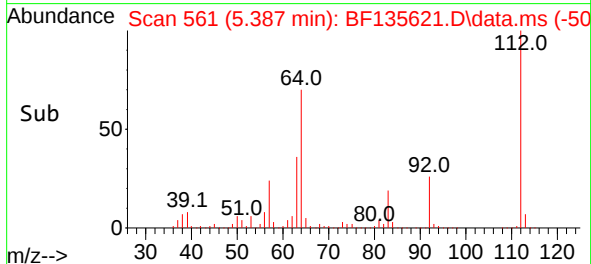
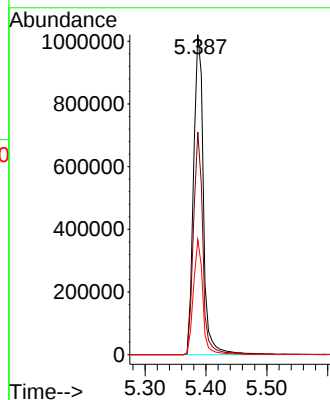
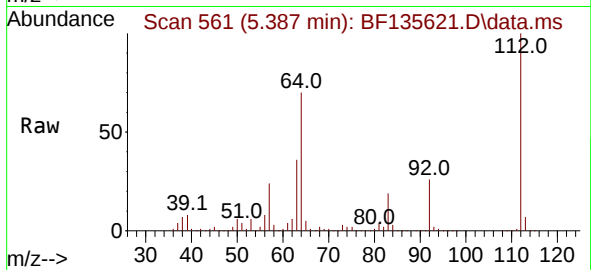




#5
2-Fluorophenol
Concen: 128.728 ng
RT: 5.387 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51

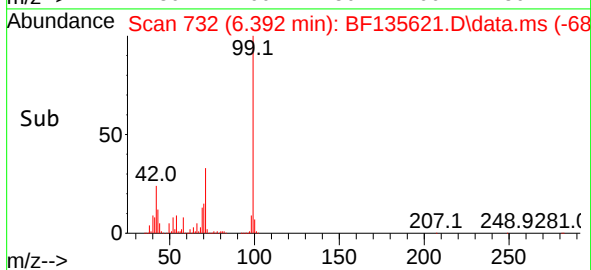
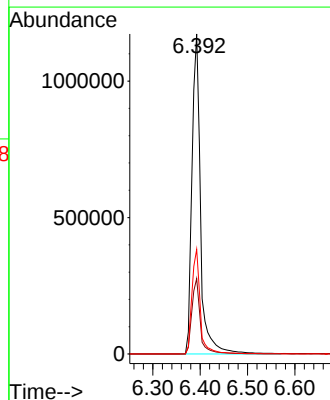
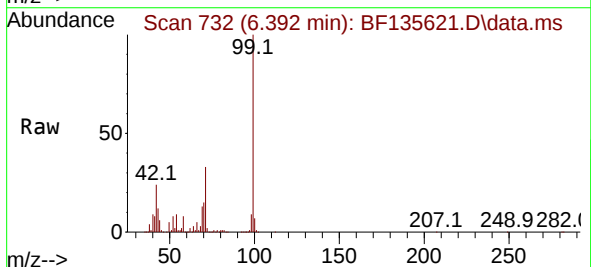
Instrument :
BNA_F
ClientSampleId :

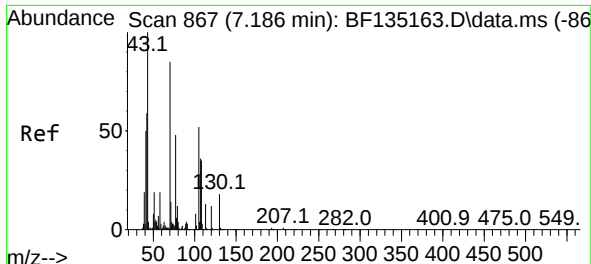
Tgt Ion:112 Resp: 1153045
Ion Ratio Lower Upper
112 100
64 69.6 55.9 83.9
63 35.9 29.0 43.6



#7
Phenol-d6
Concen: 130.604 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51

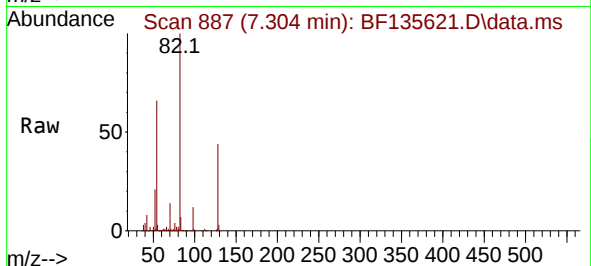
Tgt Ion: 99 Resp: 1487530
Ion Ratio Lower Upper
99 100
42 23.6 17.9 26.9
71 32.7 27.0 40.6



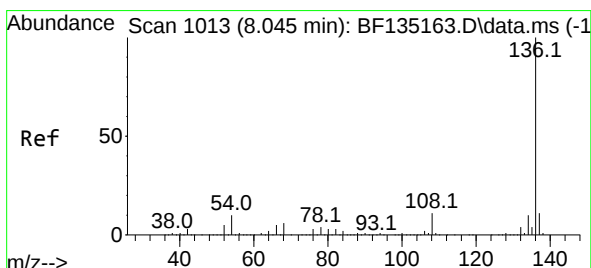
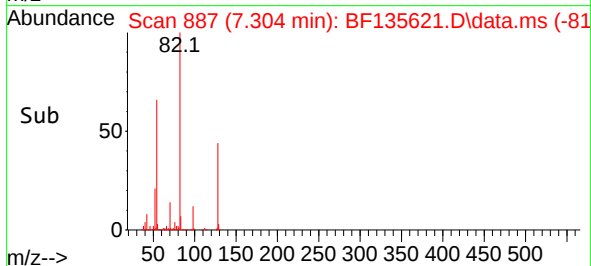
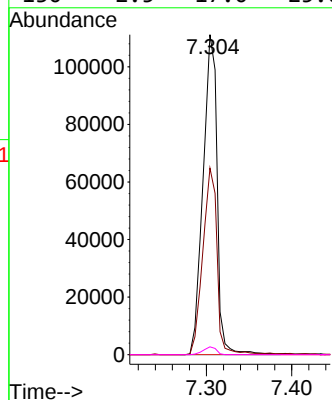


#19
n-Nitroso-di-n-propylamine
Concen: 18.104 ng
RT: 7.304 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51

Instrument :
BNA_F
ClientSampleId :

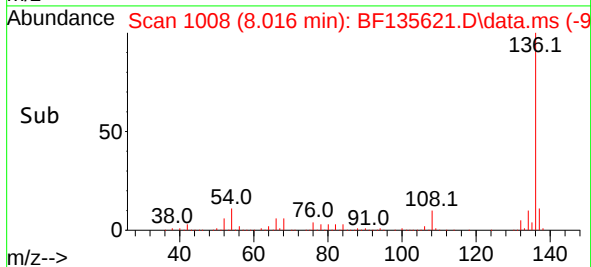
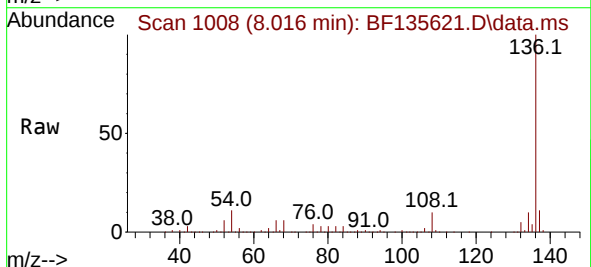
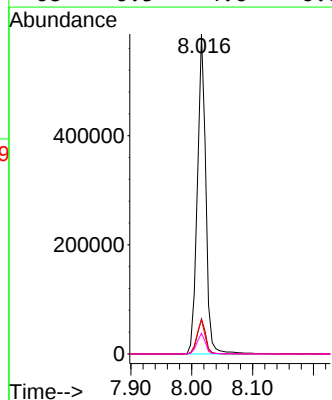


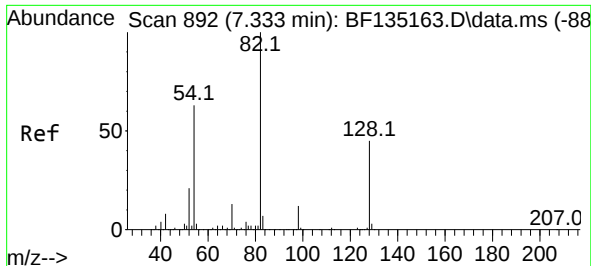
Tgt Ion: 70 Resp: 127720
Ion Ratio Lower Upper
70 100
42 58.3 55.4 83.0
101 0.0 7.7 11.5#
130 2.5 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51

Tgt Ion:136 Resp: 564803
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.6 7.7 11.5
68 6.5 4.6 6.8





#23

Nitrobenzene-d5

Concen: 92.214 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

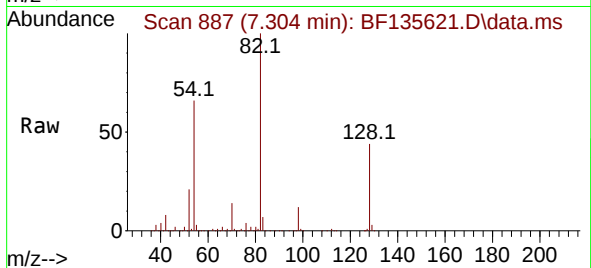
Lab File: BF135621.D

Acq: 06 Oct 2023 10:51

Instrument :

BNA_F

ClientSampleId :



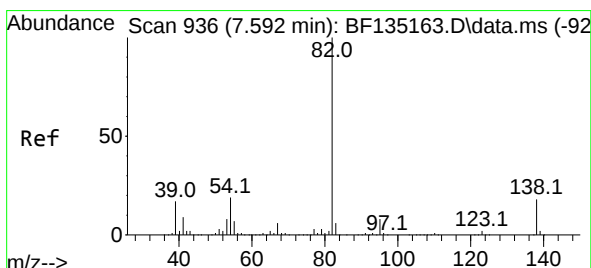
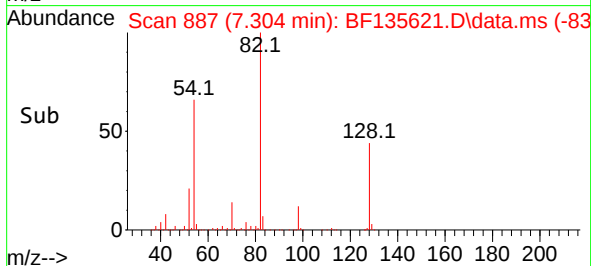
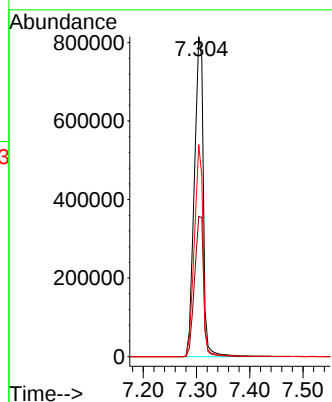
Tgt Ion: 82 Resp: 958651

Ion Ratio Lower Upper

82 100

128 43.8 35.8 53.6

54 66.3 50.6 76.0



#25

Isophorone

Concen: 50.218 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.259 min

Lab File: BF135621.D

Acq: 06 Oct 2023 10:51

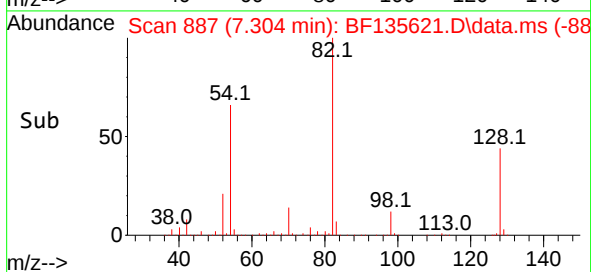
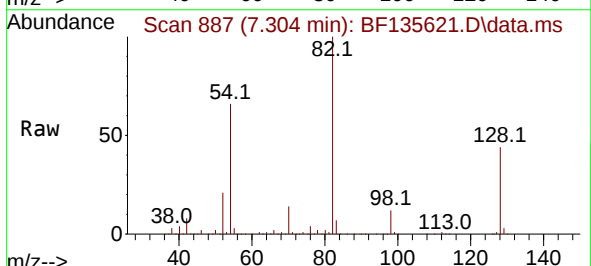
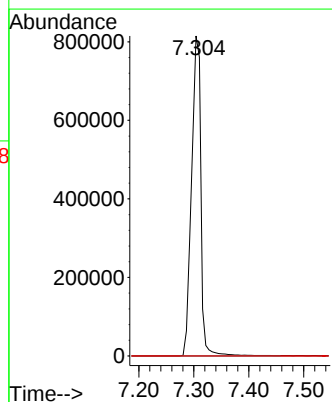
Tgt Ion: 82 Resp: 958643

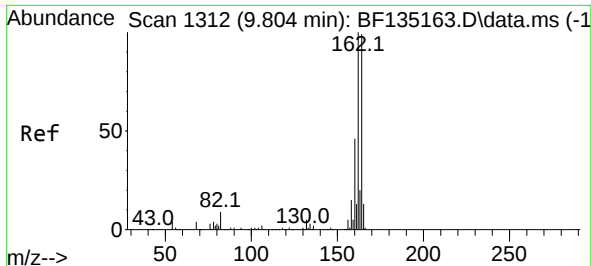
Ion Ratio Lower Upper

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# 1

Delta R.T. 0.000 min

Lab File: BF135621.D

Acq: 06 Oct 2023 10:51

Instrument :

BNA_F

ClientSampleId :

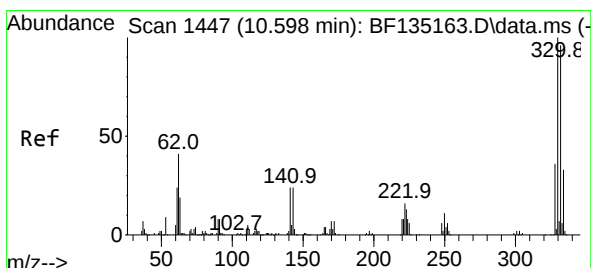
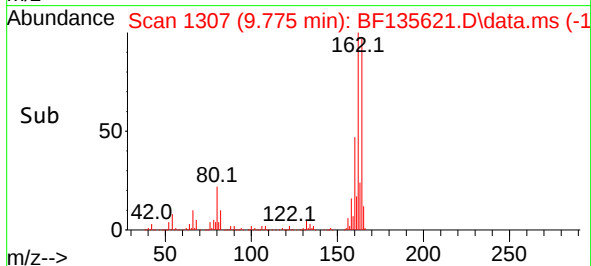
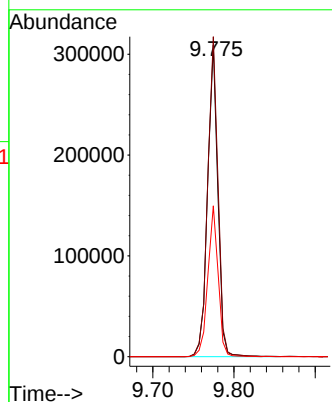
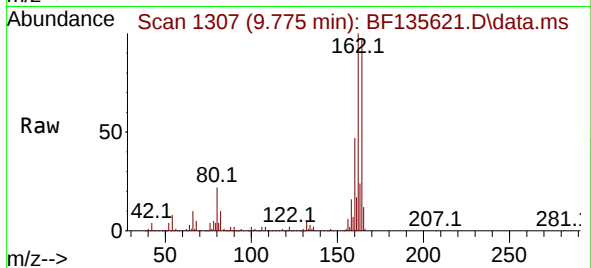
Tgt Ion:164 Resp: 270774

Ion Ratio Lower Upper

164 100

162 102.7 81.0 121.4

160 48.4 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 138.396 ng

RT: 10.574 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF135621.D

Acq: 06 Oct 2023 10:51

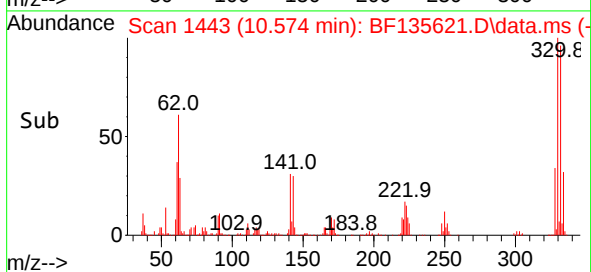
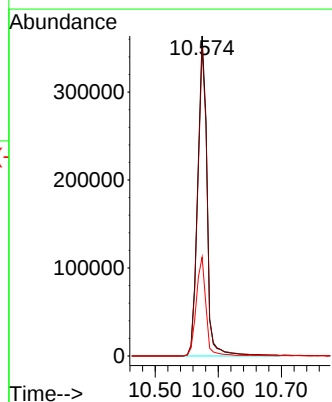
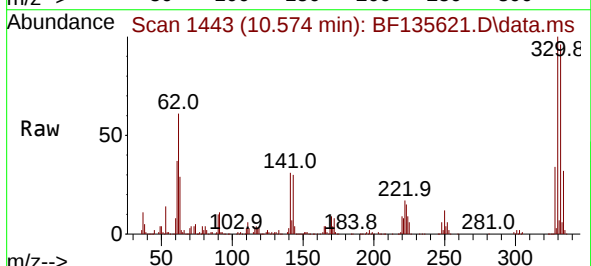
Tgt Ion:330 Resp: 372401

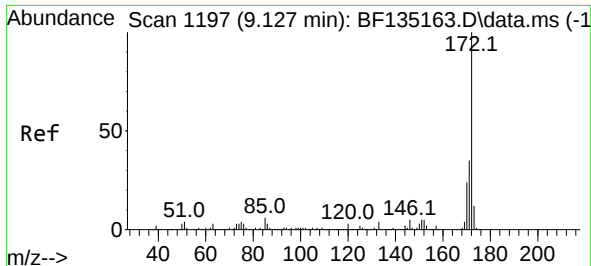
Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

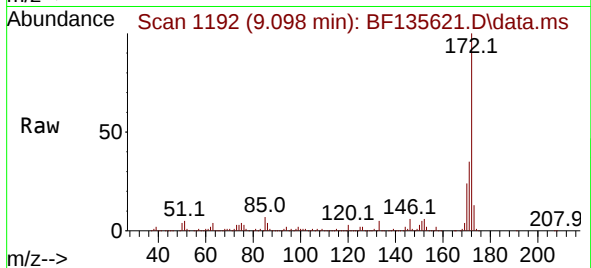
141 32.1 25.8 38.8



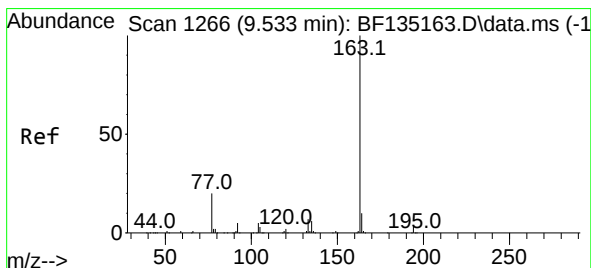
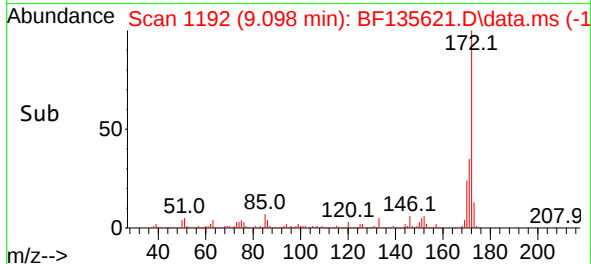
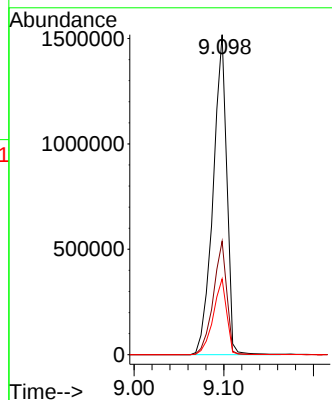


#45
2-Fluorobiphenyl
Concen: 89.835 ng
RT: 9.098 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51

Instrument :
BNA_F
ClientSampleId :

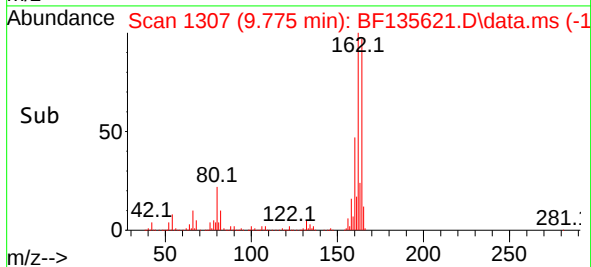
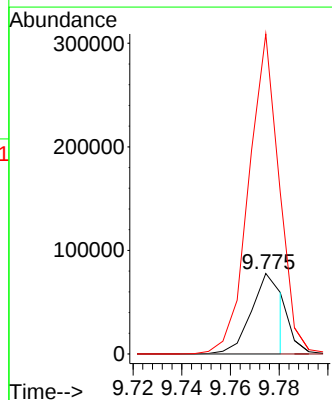
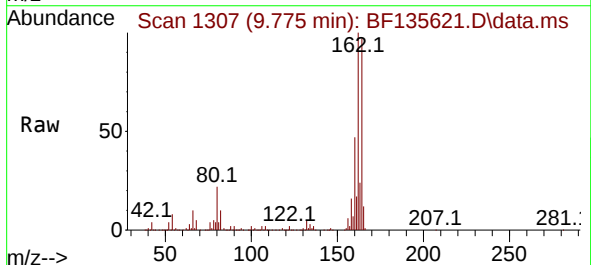


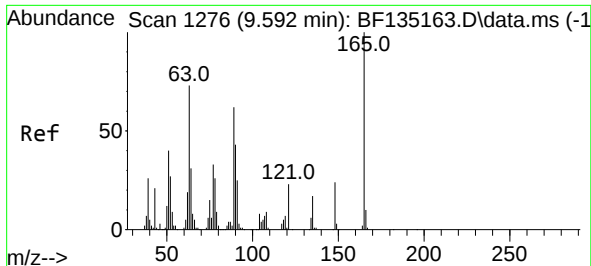
Tgt Ion:172 Resp: 1612284
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.7 19.0 28.4



#50
Dimethylphthalate
Concen: 3.699 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.271 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51

Tgt Ion:163 Resp: 67710
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 397.8 8.1 12.1#





#51

2,6-Dinitrotoluene

Concen: 8.655 ng

RT: 9.775 min Scan# 1307

Delta R.T. 0.200 min

Lab File: BF135621.D

Acq: 06 Oct 2023 10:51

Instrument :

BNA_F

ClientSampleId :

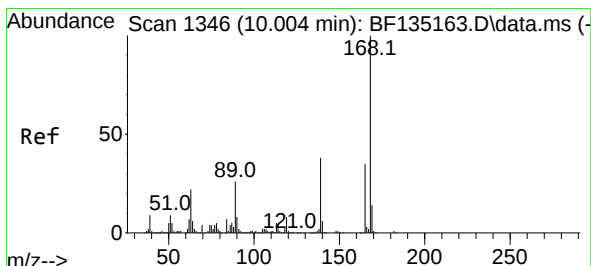
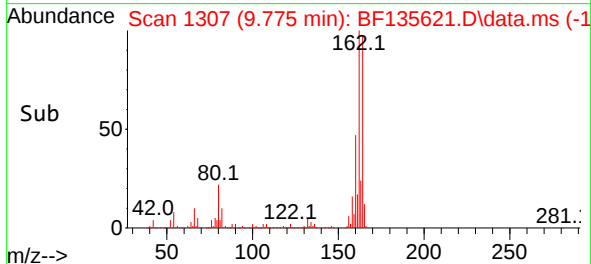
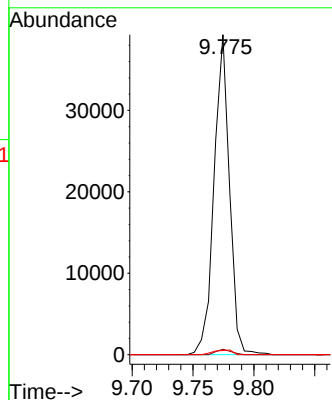
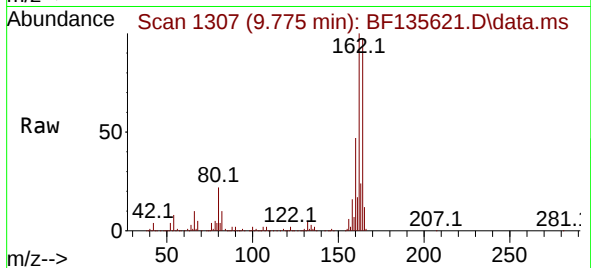
Tgt Ion:165 Resp: 34712

Ion Ratio Lower Upper

165 100

63 1.7 59.4 89.2#

89 1.3 49.8 74.8#



#57

2,4-Dinitrotoluene

Concen: 6.914 ng

RT: 9.775 min Scan# 1307

Delta R.T. -0.212 min

Lab File: BF135621.D

Acq: 06 Oct 2023 10:51

Tgt Ion:165 Resp: 34712

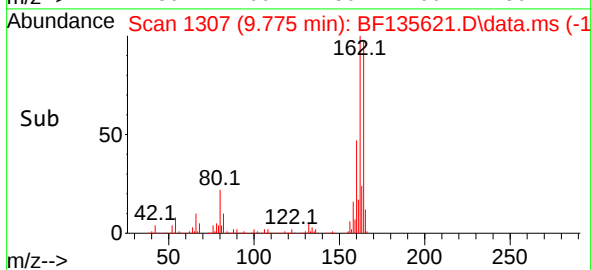
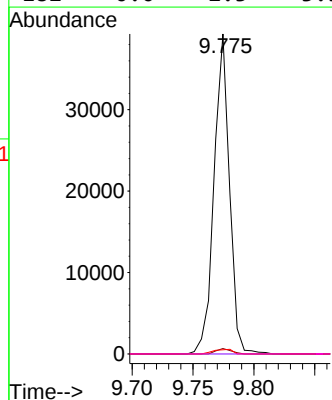
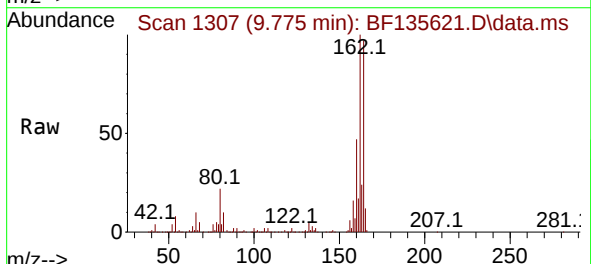
Ion Ratio Lower Upper

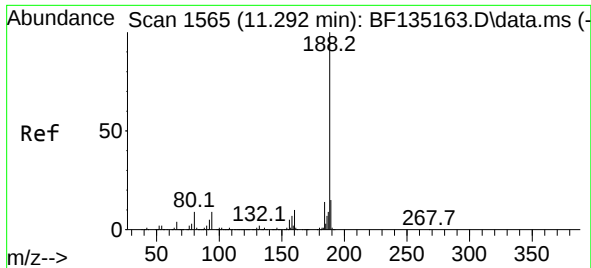
165 100

63 1.7 50.1 75.1#

89 1.3 59.3 88.9#

182 0.0 2.3 3.5#

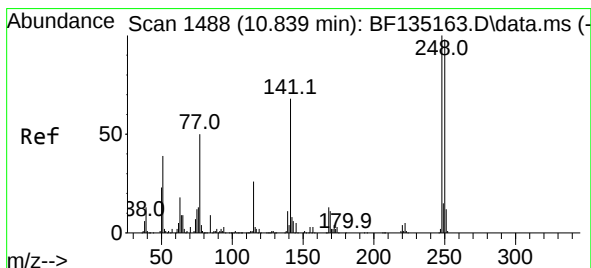
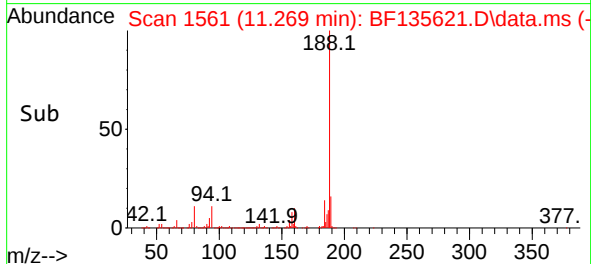
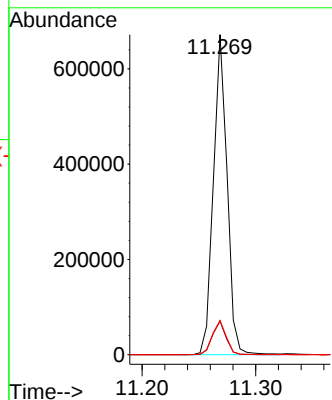
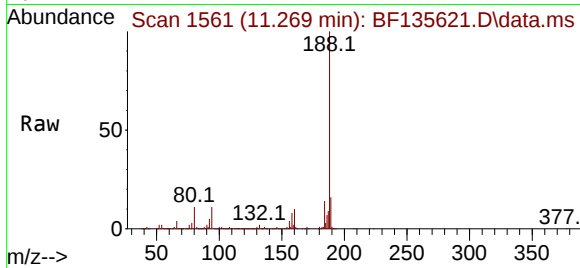




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51

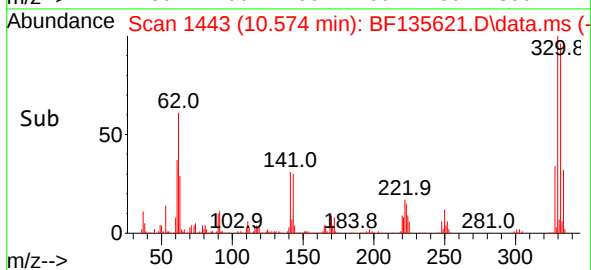
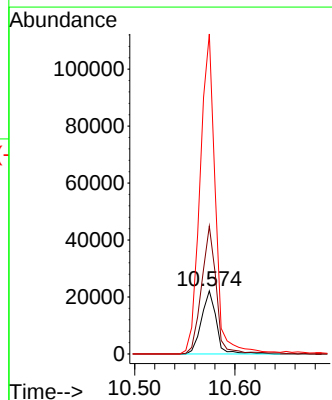
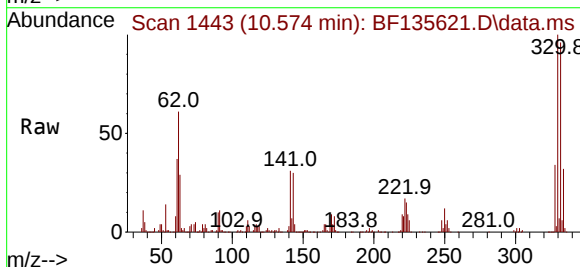
Instrument :
BNA_F
ClientSampleId :

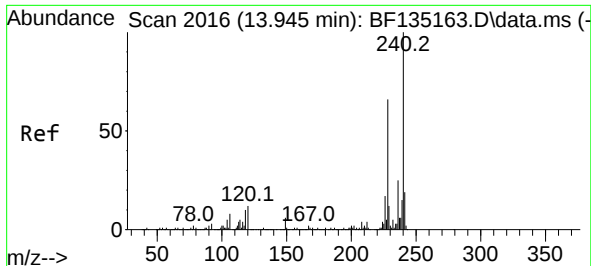
Tgt Ion:188 Resp: 562970
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 10.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.078 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.235 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51

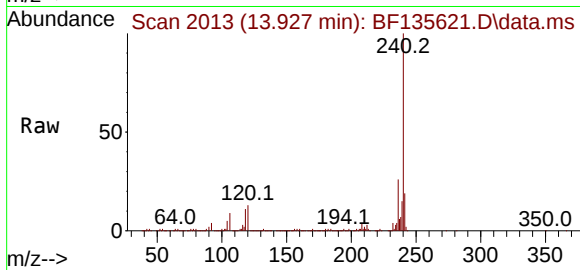
Tgt Ion:248 Resp: 22835
Ion Ratio Lower Upper
248 100
250 202.9 78.6 117.8#
141 507.9 54.2 81.2#



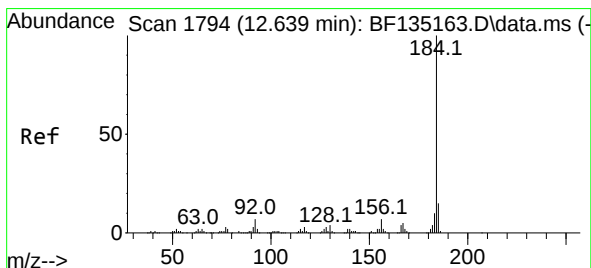
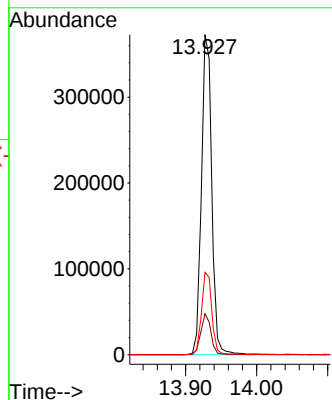
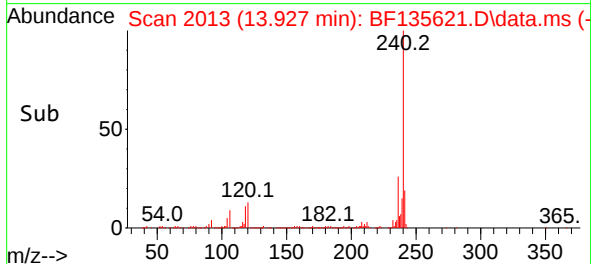


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51

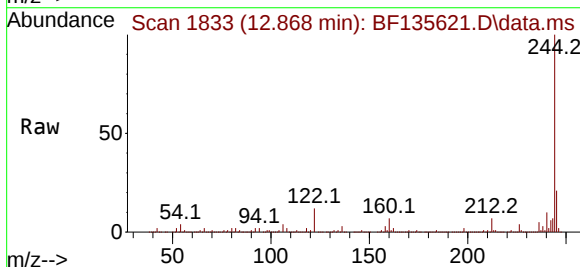
Instrument :
BNA_F
ClientSampleId :



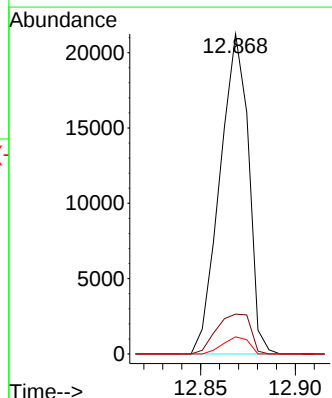
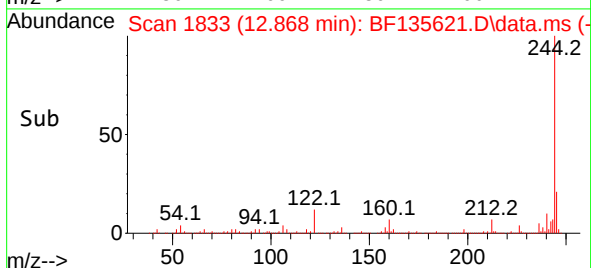
Tgt Ion:240 Resp: 377264
Ion Ratio Lower Upper
240 100
120 12.8 9.4 14.2
236 25.8 19.8 29.8

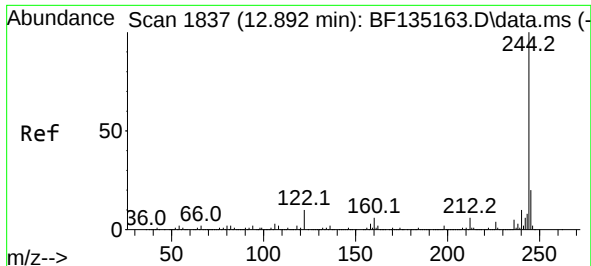


#77
Benzidine
Concen: 2.888 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.253 min
Lab File: BF135621.D
Acq: 06 Oct 2023 10:51



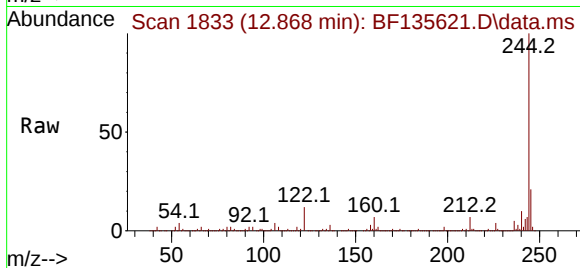
Tgt Ion:184 Resp: 22324
Ion Ratio Lower Upper
184 100
185 12.5 11.7 17.5
183 5.3 8.2 12.4#



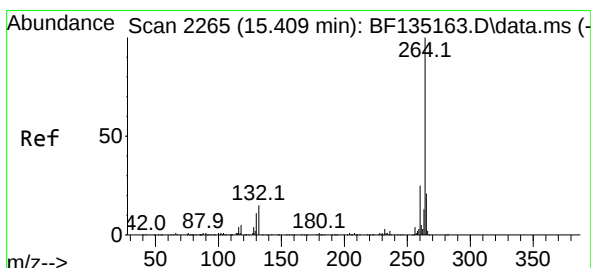
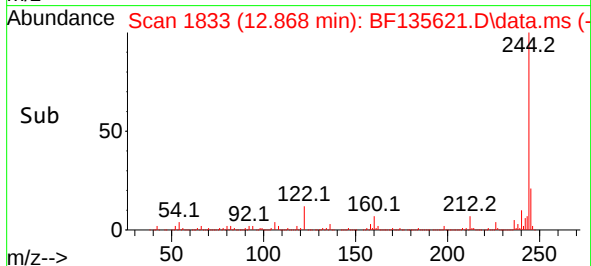
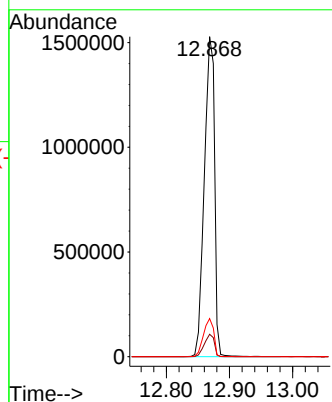


#79
 Terphenyl-d14
 Concen: 70.887 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135621.D
 Acq: 06 Oct 2023 10:51

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1725149
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 11.9 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: BF135621.D
 Acq: 06 Oct 2023 10:51

Tgt Ion:264 Resp: 122655
 Ion Ratio Lower Upper
 264 100
 260 27.2 19.8 29.6
 265 19.4 17.0 25.4

