

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135626.D
 Acq On : 06 Oct 2023 13:35
 Operator : CG\JU
 Sample : 04714-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 13:59:47 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)

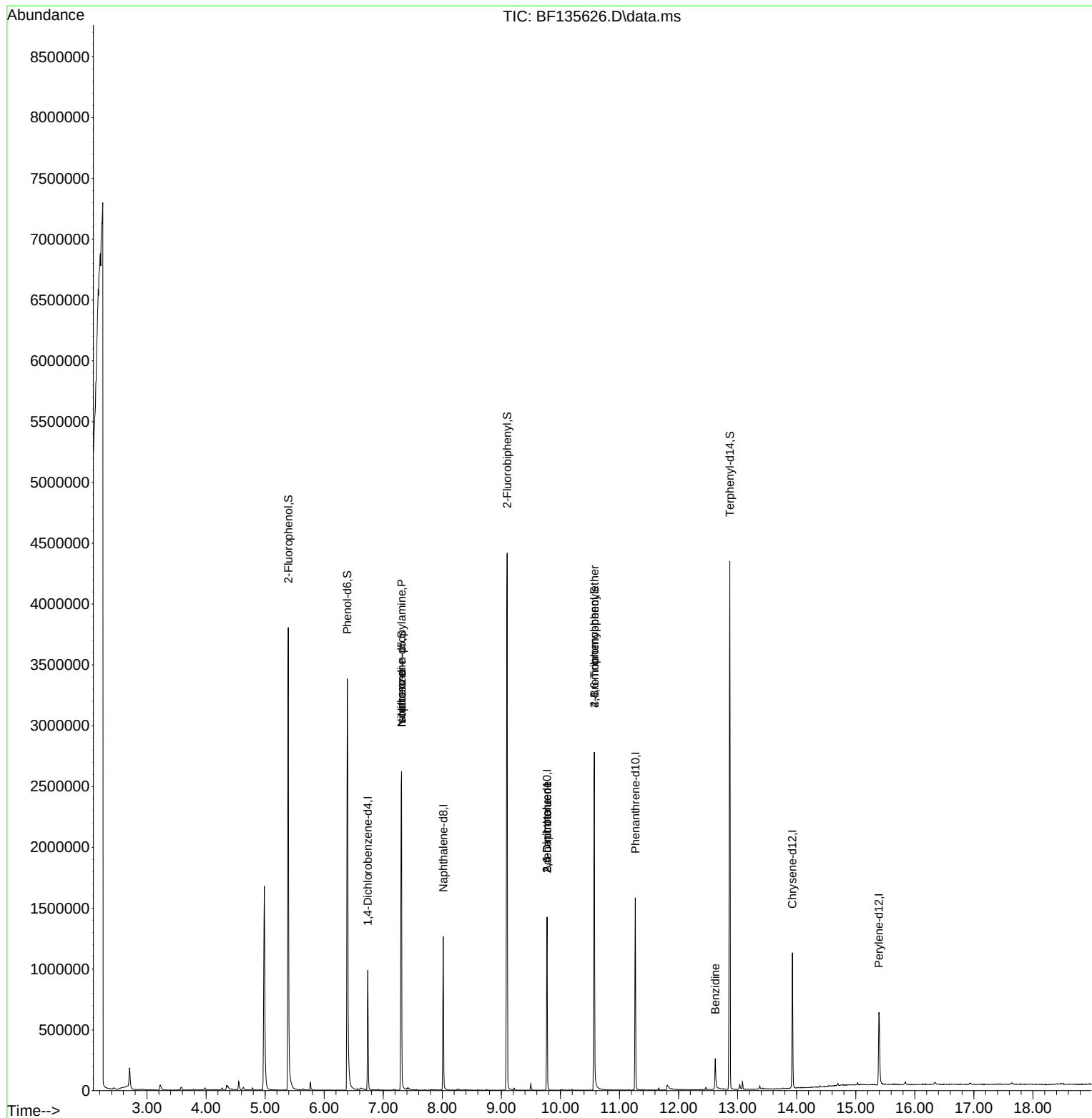
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	138720	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	548850	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	280268	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	559493	20.000	ng	0.00
76) Chrysene-d12	13.927	240	359663	20.000	ng	0.00
86) Perylene-d12	15.392	264	307112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	1096489	128.560	ng	0.02
7) Phenol-d6	6.392	99	1332498	122.866	ng	0.00
23) Nitrobenzene-d5	7.310	82	931237	92.181	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	364346	130.816	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1558100	83.875	ng	0.00
79) Terphenyl-d14	12.868	244	1716459	73.981	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.310	70	122194	18.190	ng	Qvalue 78
25) Isophorone	7.310	82	931227	50.200	ng	# 65
51) 2,6-Dinitrotoluene	9.774	165	36137	8.705	ng	# 17
57) 2,4-Dinitrotoluene	9.774	165	36137	6.954	ng	# 19
67) 4-Bromophenyl-phenylether	10.574	248	22978	4.129	ng	# 1
77) Benzidine	12.621	184	116388	15.796	ng	99

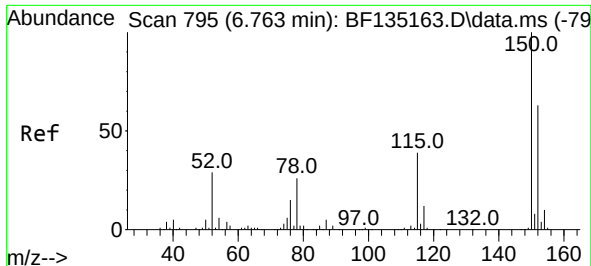
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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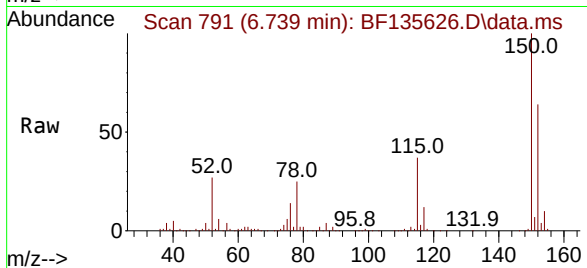
Quant Time: Oct 06 13:59:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration



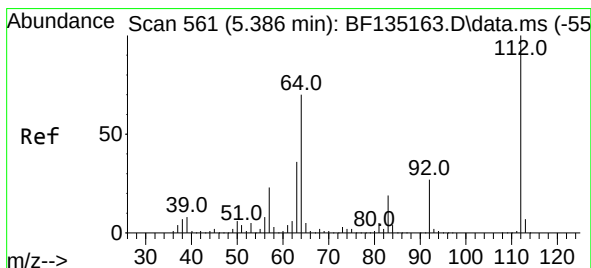
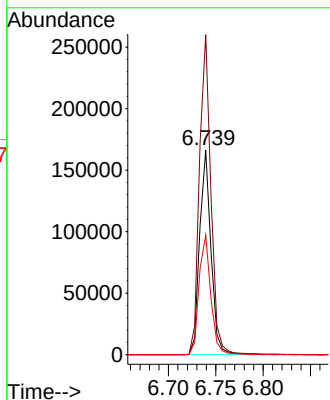
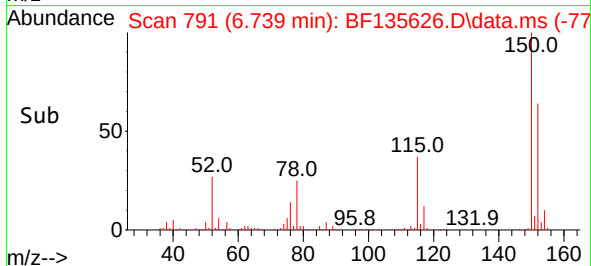


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.739 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135626.D
 Acq: 06 Oct 2023 13:35

Instrument :
 BNA_F
 ClientSampleId :

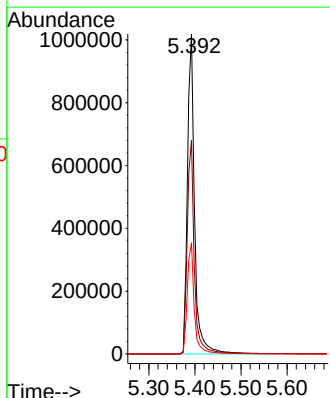
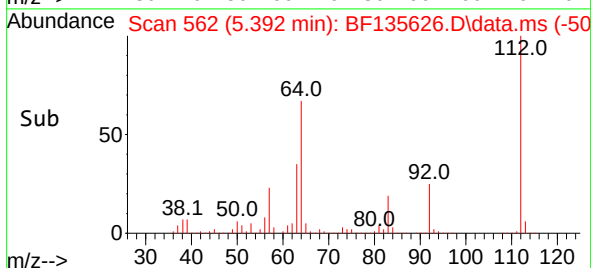
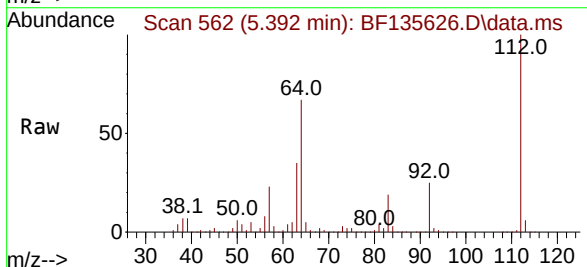


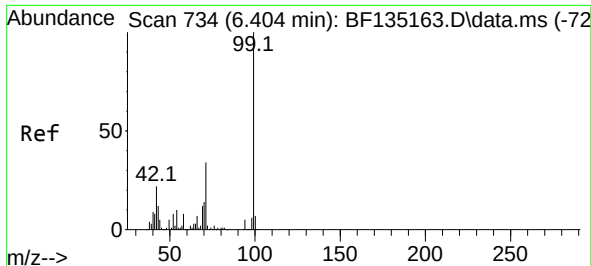
Tgt Ion:152 Resp: 138720
 Ion Ratio Lower Upper
 152 100
 150 156.4 127.8 191.6
 115 58.5 49.8 74.8



#5
 2-Fluorophenol
 Concen: 128.560 ng
 RT: 5.392 min Scan# 562
 Delta R.T. 0.024 min
 Lab File: BF135626.D
 Acq: 06 Oct 2023 13:35

Tgt Ion:112 Resp: 1096489
 Ion Ratio Lower Upper
 112 100
 64 66.8 55.9 83.9
 63 34.8 29.0 43.6

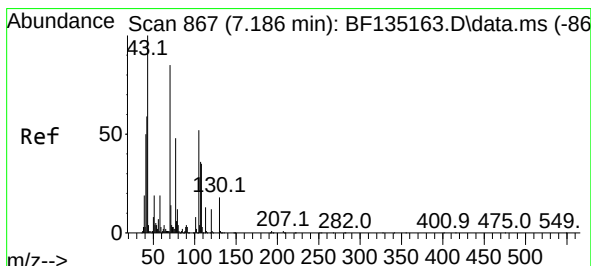
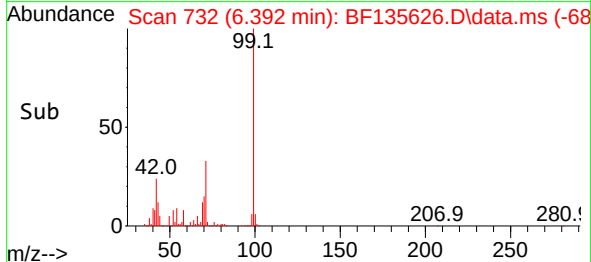
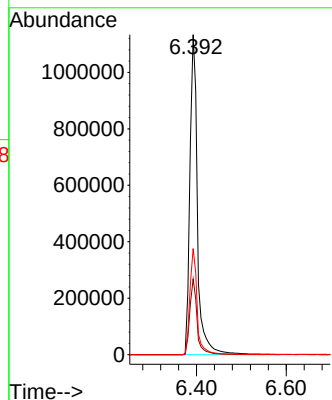
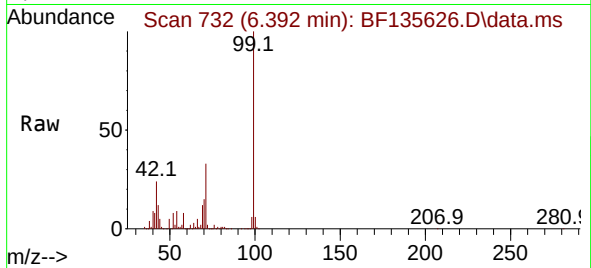




#7
Phenol-d6
Concen: 122.866 ng
RT: 6.392 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135626.D
Acq: 06 Oct 2023 13:35

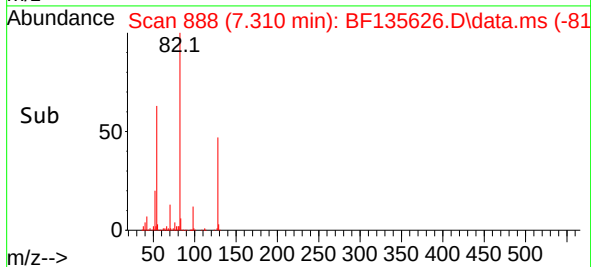
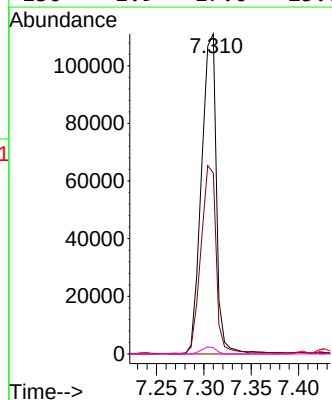
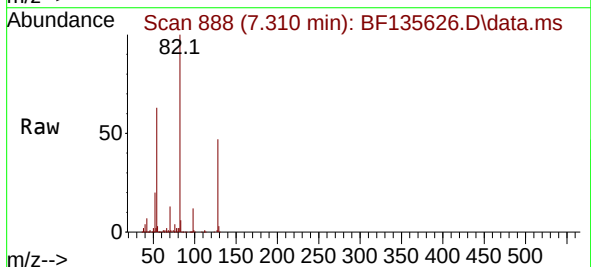
Instrument :
BNA_F
ClientSampleId :

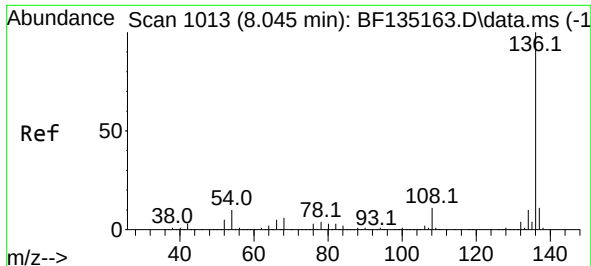
Tgt Ion: 99 Resp: 1332498
Ion Ratio Lower Upper
99 100
42 23.7 17.9 26.9
71 33.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.190 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.153 min
Lab File: BF135626.D
Acq: 06 Oct 2023 13:35

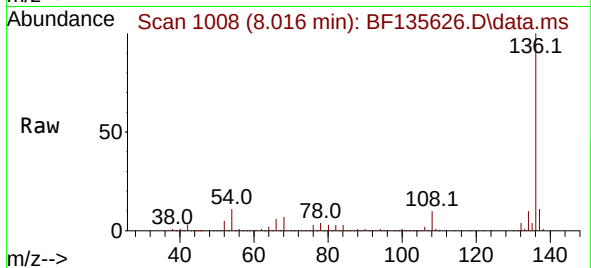
Tgt Ion: 70 Resp: 122194
Ion Ratio Lower Upper
70 100
42 56.6 55.4 83.0
101 0.0 7.7 11.5#
130 1.9 17.0 25.6#



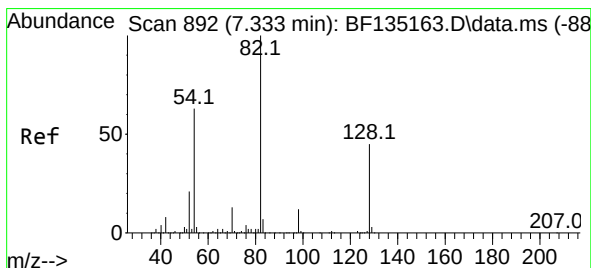
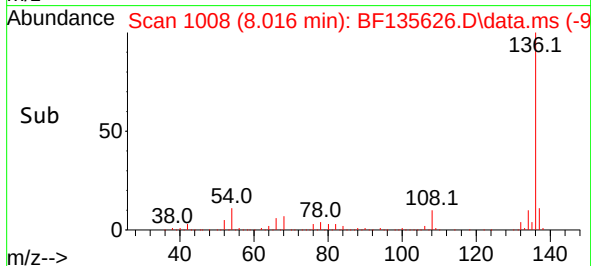
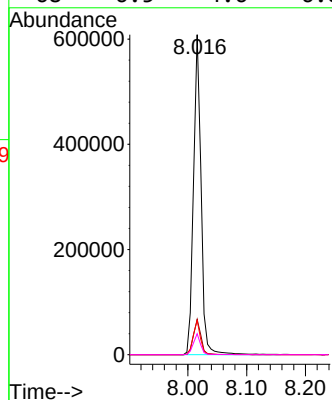


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135626.D
Acq: 06 Oct 2023 13:35

Instrument :
BNA_F
ClientSampleId :

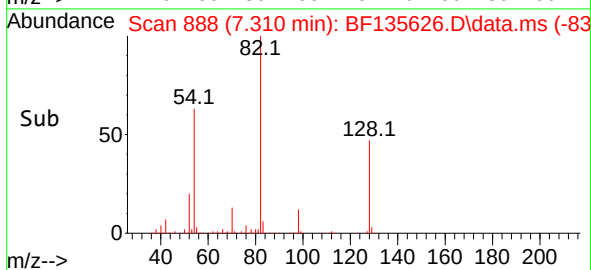
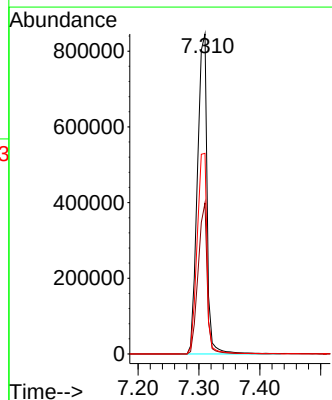
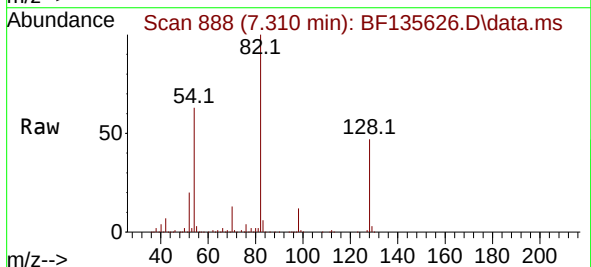


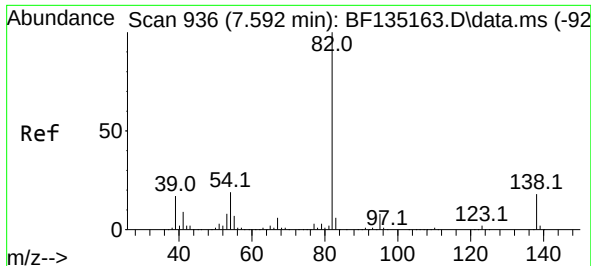
Tgt Ion:136 Resp: 548850
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 10.7 7.7 11.5
68 6.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 92.181 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF135626.D
Acq: 06 Oct 2023 13:35

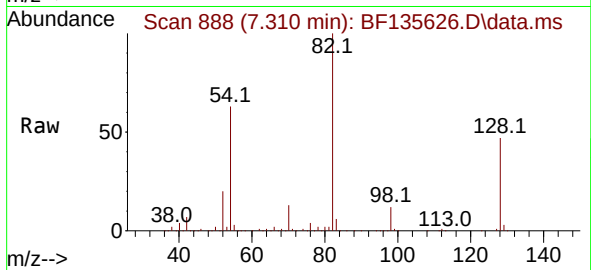
Tgt Ion: 82 Resp: 931237
Ion Ratio Lower Upper
82 100
128 47.2 35.8 53.6
54 62.7 50.6 76.0



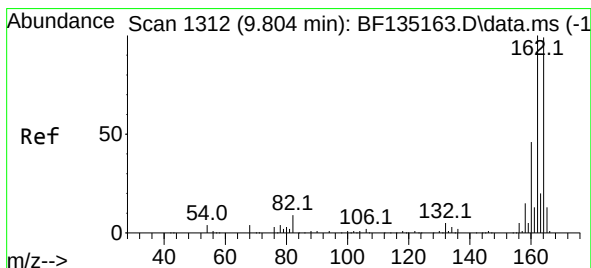
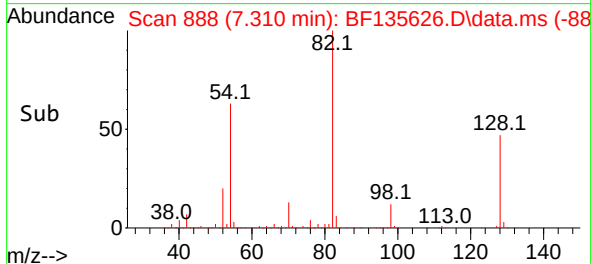
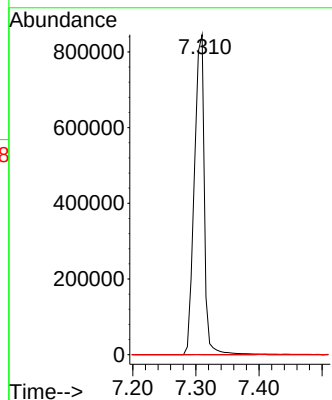


#25
Isophorone
Concen: 50.200 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF135626.D
Acq: 06 Oct 2023 13:35

Instrument :
BNA_F
ClientSampleId :

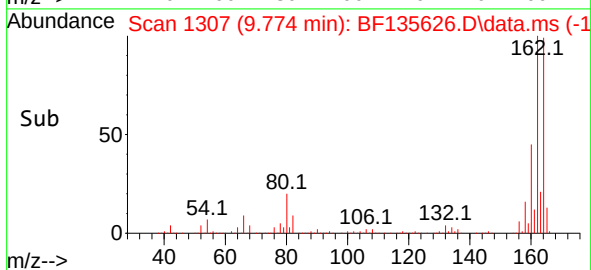
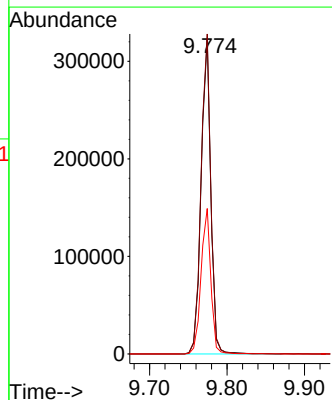
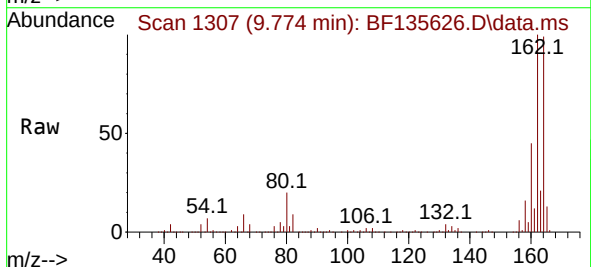


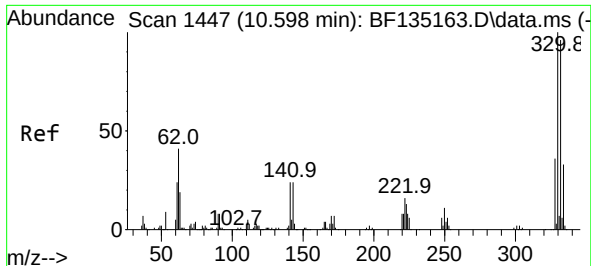
Tgt Ion: 82 Resp: 931227
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF135626.D
Acq: 06 Oct 2023 13:35

Tgt Ion:164 Resp: 280268
Ion Ratio Lower Upper
164 100
162 101.5 81.0 121.4
160 46.1 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 130.816 ng

RT: 10.574 min Scan# 1443

Delta R.T. 0.006 min

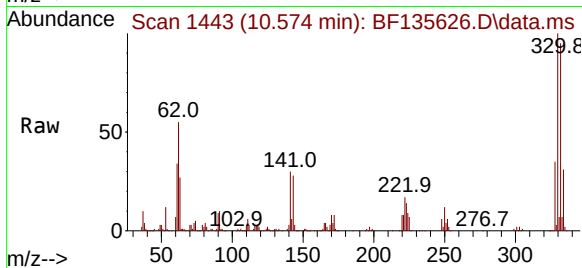
Lab File: BF135626.D

Acq: 06 Oct 2023 13:35

Instrument :

BNA_F

ClientSampleId :



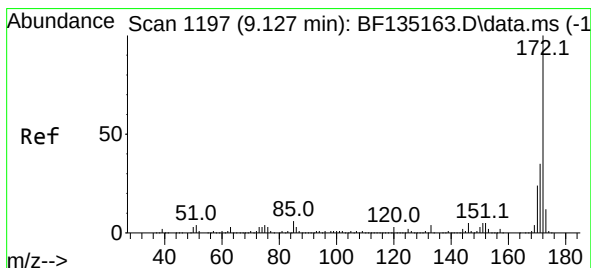
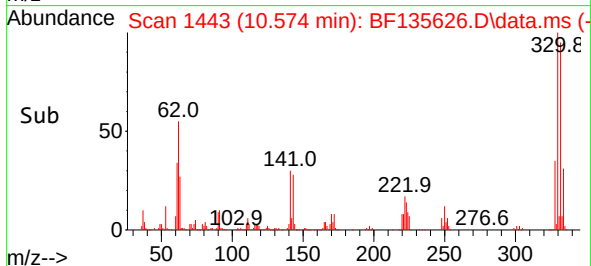
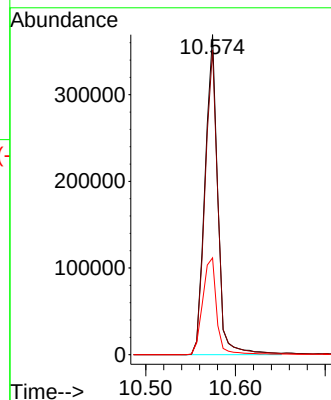
Tgt Ion:330 Resp: 364346

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

141 33.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 83.875 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF135626.D

Acq: 06 Oct 2023 13:35

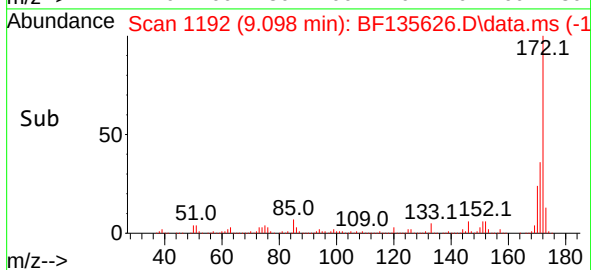
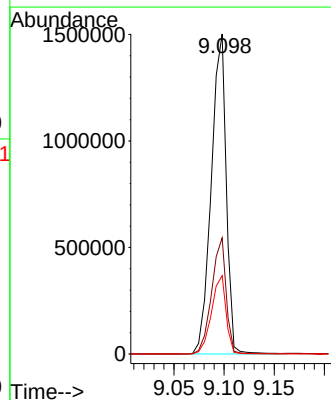
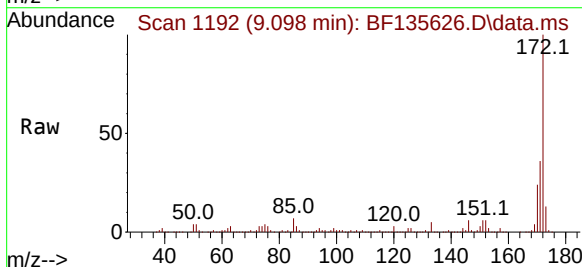
Tgt Ion:172 Resp: 1558100

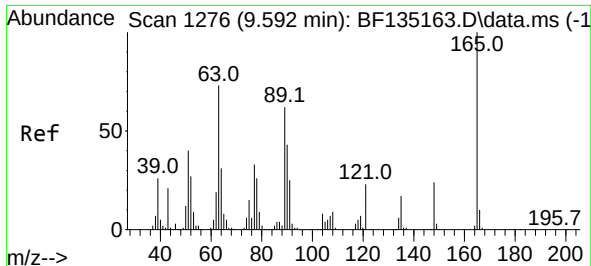
Ion Ratio Lower Upper

172 100

171 36.3 28.4 42.6

170 24.5 19.0 28.4

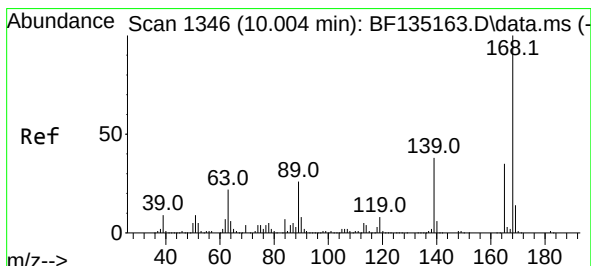
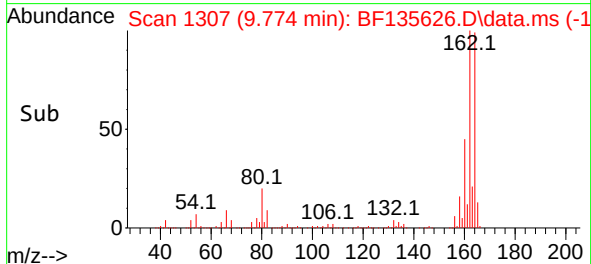
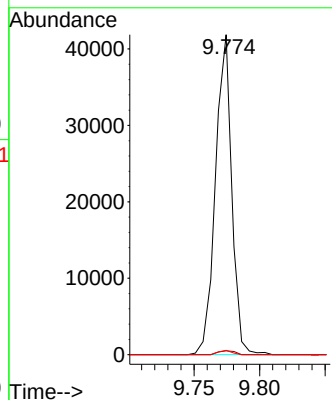
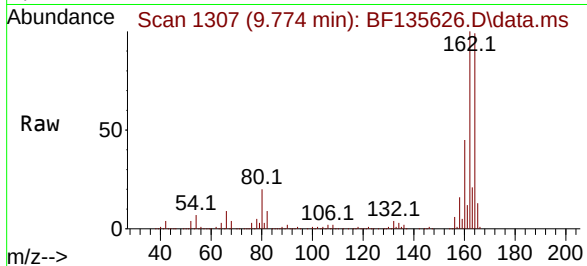




#51
2,6-Dinitrotoluene
Concen: 8.705 ng
RT: 9.774 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF135626.D
Acq: 06 Oct 2023 13:35

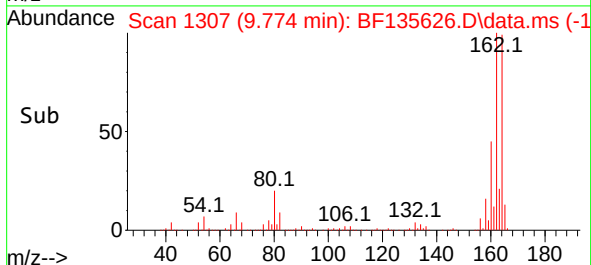
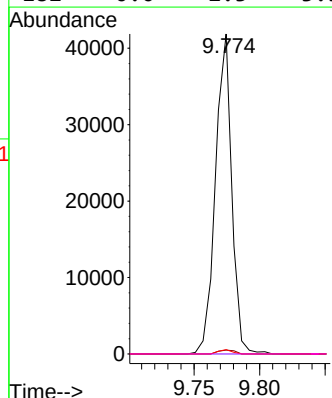
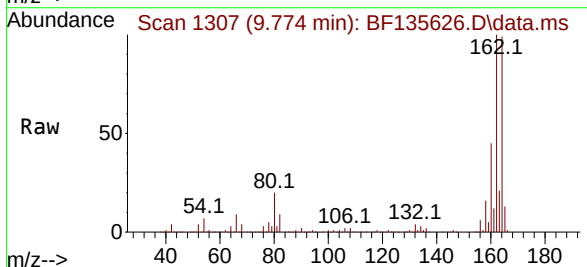
Instrument :
BNA_F
ClientSampleId :

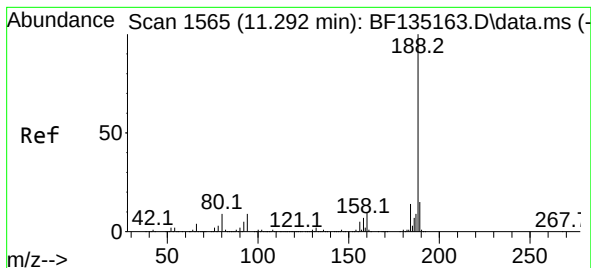
Tgt Ion:165 Resp: 36137
Ion Ratio Lower Upper
165 100
63 1.2 59.4 89.2#
89 1.4 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.954 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.212 min
Lab File: BF135626.D
Acq: 06 Oct 2023 13:35

Tgt Ion:165 Resp: 36137
Ion Ratio Lower Upper
165 100
63 1.2 50.1 75.1#
89 1.4 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

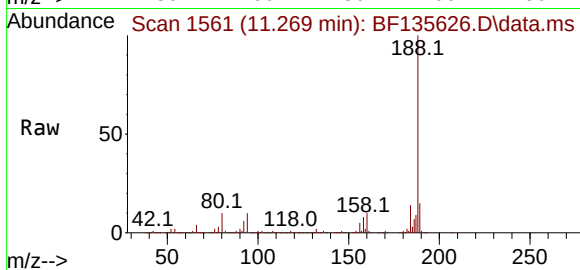
Lab File: BF135626.D

Acq: 06 Oct 2023 13:35

Instrument :

BNA_F

ClientSampleId :



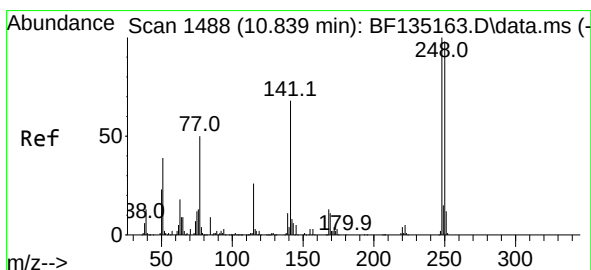
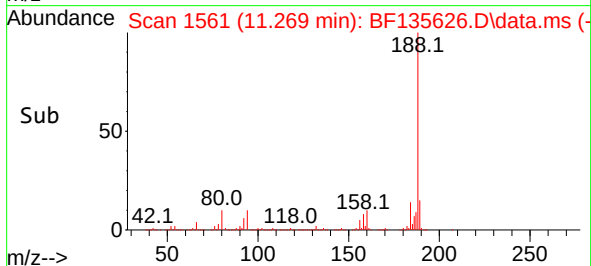
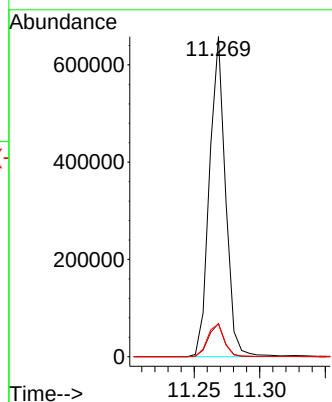
Tgt Ion:188 Resp: 559493

Ion Ratio Lower Upper

188 100

94 10.3 7.0 10.6

80 10.2 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.129 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.235 min

Lab File: BF135626.D

Acq: 06 Oct 2023 13:35

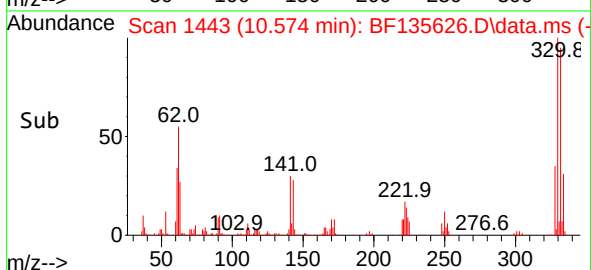
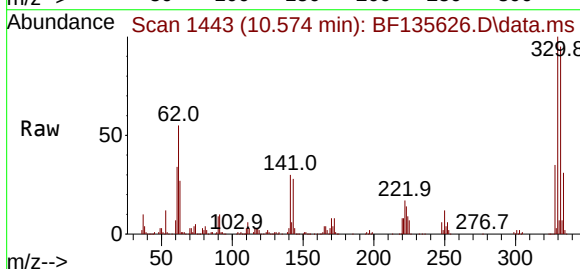
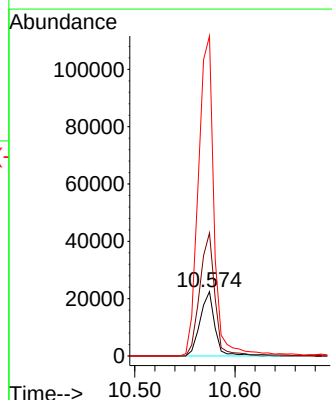
Tgt Ion:248 Resp: 22978

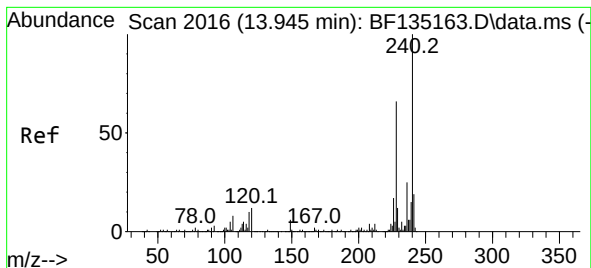
Ion Ratio Lower Upper

248 100

250 191.4 78.6 117.8#

141 498.0 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.927 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF135626.D

Acq: 06 Oct 2023 13:35

Instrument :

BNA_F

ClientSampleId :

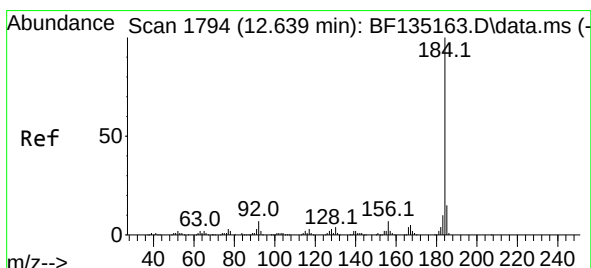
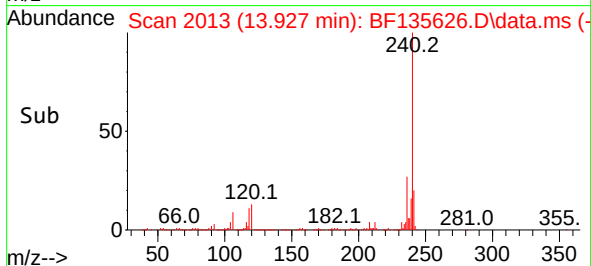
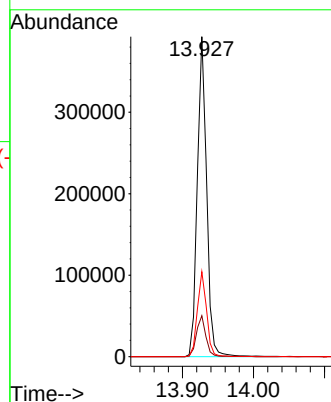
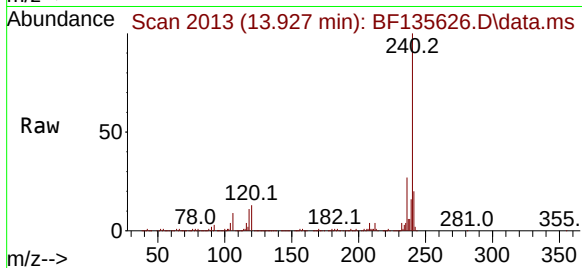
Tgt Ion:240 Resp: 359663

Ion Ratio Lower Upper

240 100

120 12.8 9.4 14.2

236 26.6 19.8 29.8



#77

Benzidine

Concen: 15.796 ng

RT: 12.621 min Scan# 1791

Delta R.T. 0.006 min

Lab File: BF135626.D

Acq: 06 Oct 2023 13:35

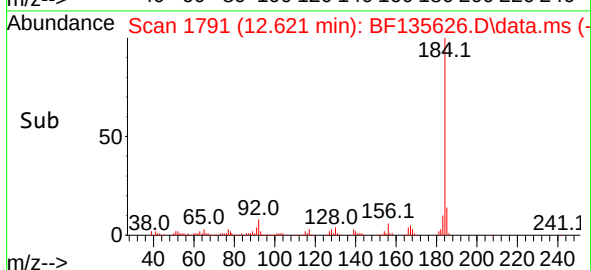
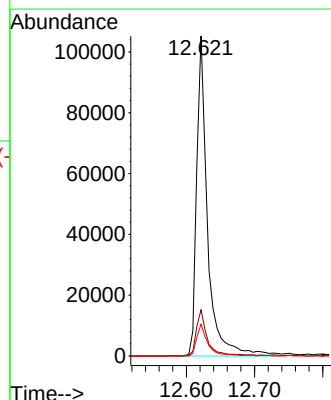
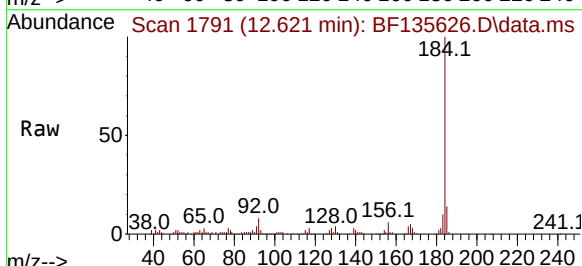
Tgt Ion:184 Resp: 116388

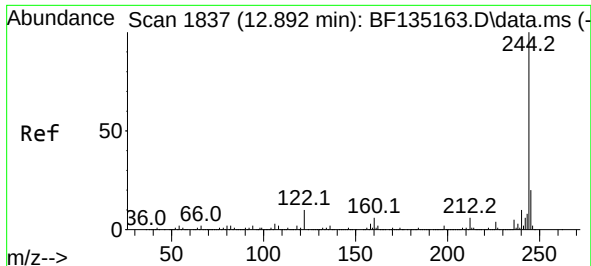
Ion Ratio Lower Upper

184 100

185 14.4 11.7 17.5

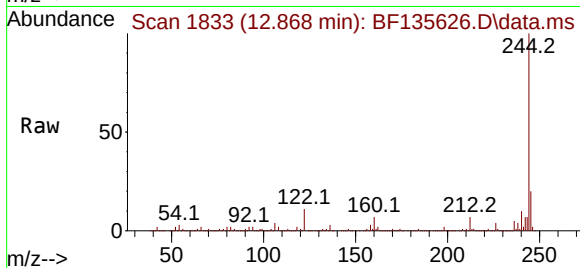
183 9.9 8.2 12.4



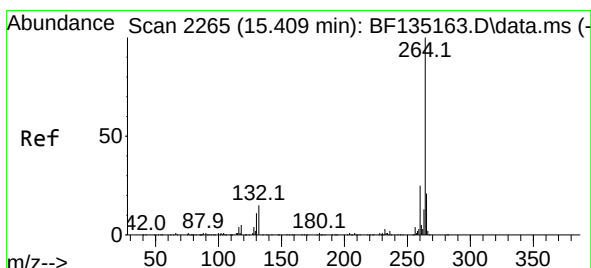
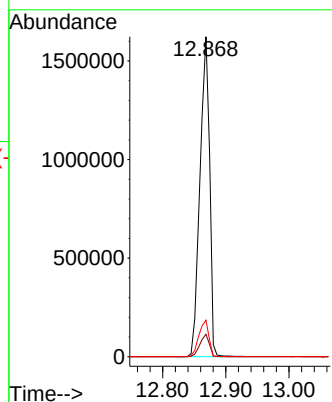
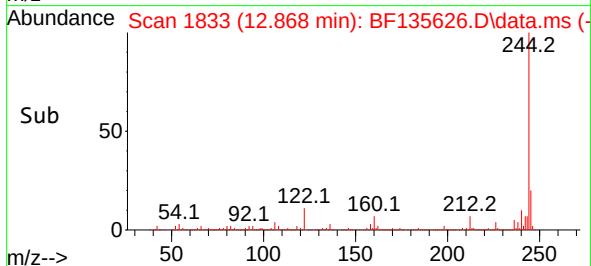


#79
 Terphenyl-d14
 Concen: 73.981 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135626.D
 Acq: 06 Oct 2023 13:35

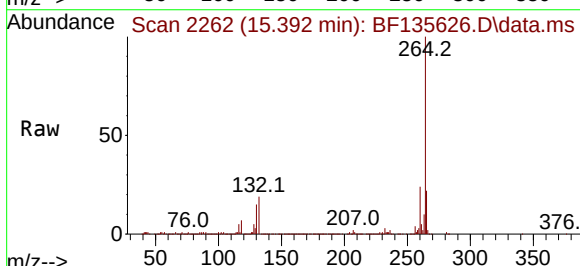
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1716459
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.1 7.7
 122 11.4 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. 0.006 min
 Lab File: BF135626.D
 Acq: 06 Oct 2023 13:35



Tgt Ion:264 Resp: 307112
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.8 29.6
 265 21.6 17.0 25.4

