

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135625.D
 Acq On : 06 Oct 2023 13:03
 Operator : CG\JU
 Sample : 04712-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 13:59:21 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)

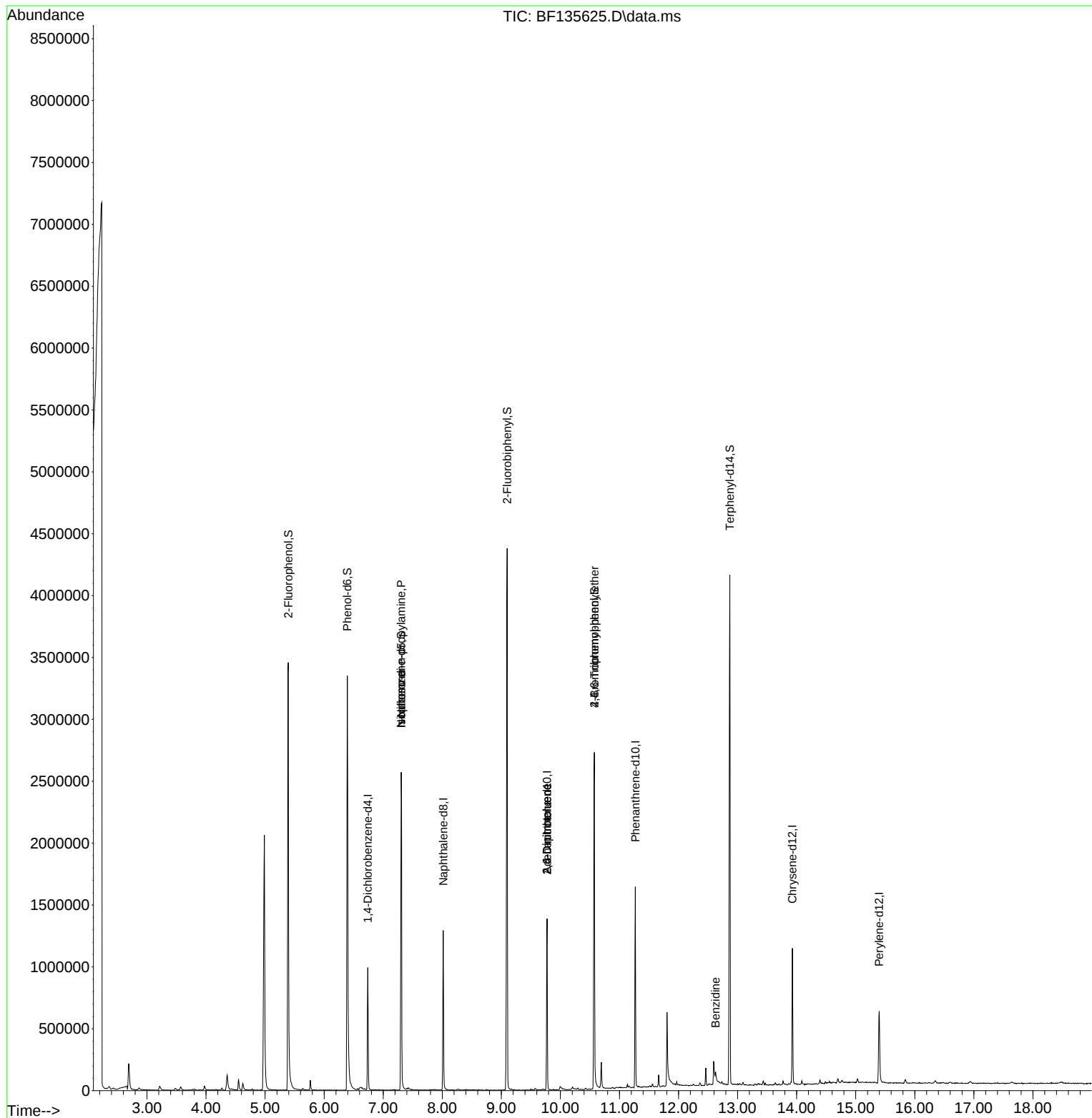
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	139332	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	556663	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	285000	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	546065	20.000	ng	0.00
76) Chrysene-d12	13.928	240	350713	20.000	ng	0.00
86) Perylene-d12	15.398	264	291784	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1071727	125.105	ng	0.02
7) Phenol-d6	6.393	99	1295276	118.909	ng	0.00
23) Nitrobenzene-d5	7.304	82	908485	88.667	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	357482	126.220	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1531887	81.094	ng	0.00
79) Terphenyl-d14	12.869	244	1644974	72.710	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	121495	18.007	ng	Qvalue 82
25) Isophorone	7.304	82	908474	48.286	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	35817	8.485	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	35817	6.778	ng	# 19
67) 4-Bromophenyl-phenylether	10.575	248	22437	4.131	ng	# 1
77) Benzydine	12.628	184	32654	4.545	ng	# 95

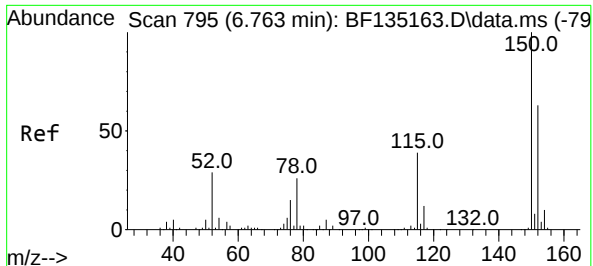
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration

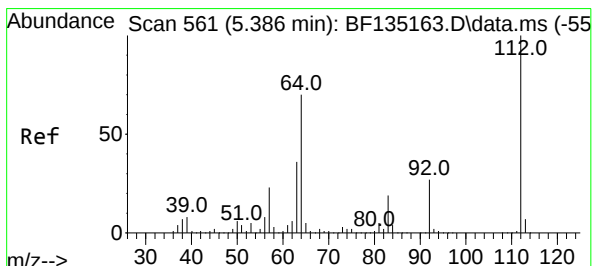
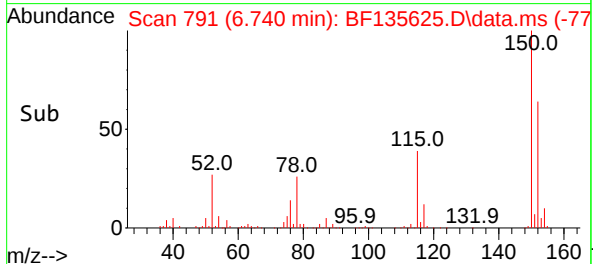
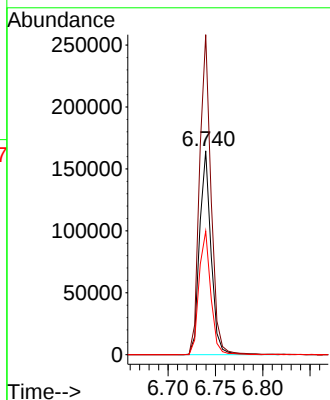
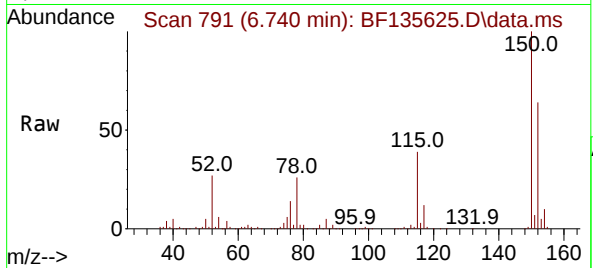




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

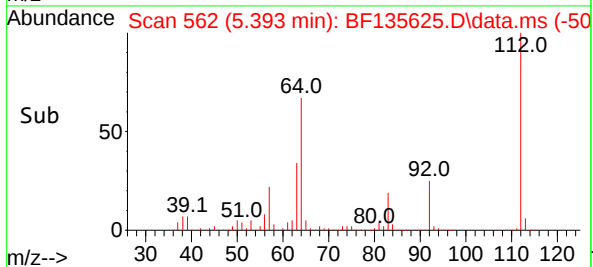
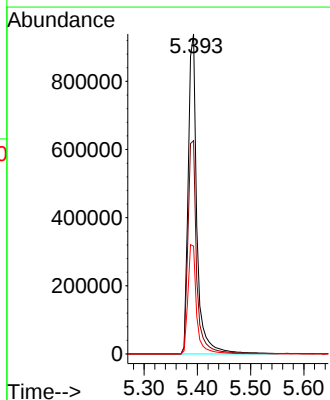
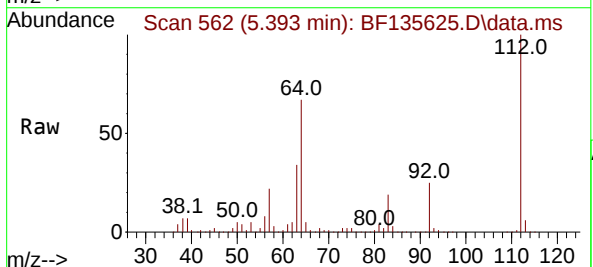
Instrument :
BNA_F
ClientSampleId :

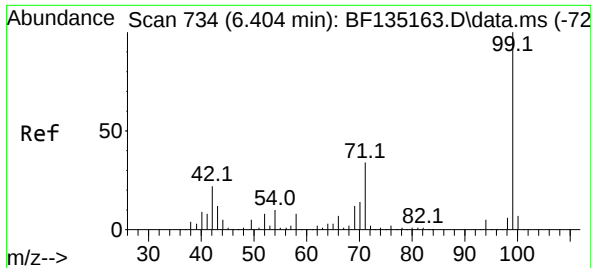
Tgt Ion:152 Resp: 139332
Ion Ratio Lower Upper
152 100
150 156.9 127.8 191.6
115 60.6 49.8 74.8



#5
2-Fluorophenol
Concen: 125.105 ng
RT: 5.393 min Scan# 562
Delta R.T. 0.024 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

Tgt Ion:112 Resp: 1071727
Ion Ratio Lower Upper
112 100
64 66.7 55.9 83.9
63 33.7 29.0 43.6

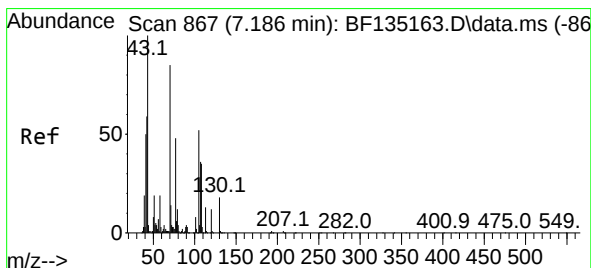
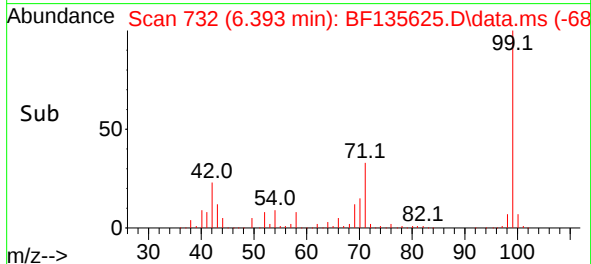
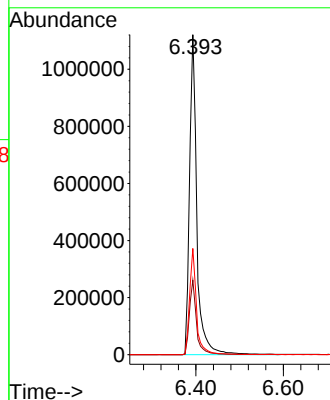
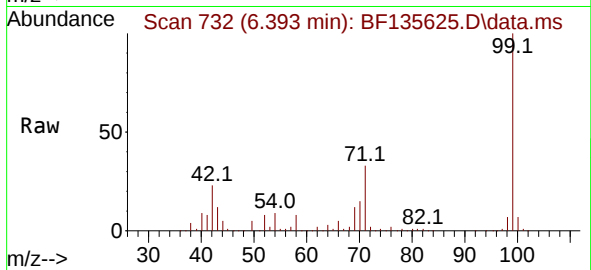




#7
Phenol-d6
Concen: 118.909 ng
RT: 6.393 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

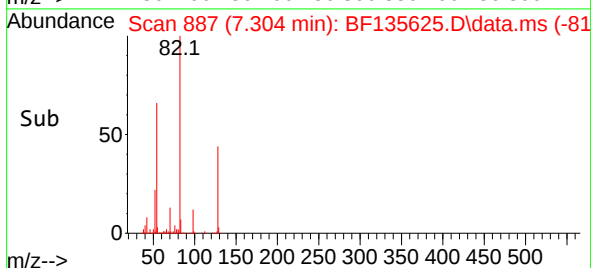
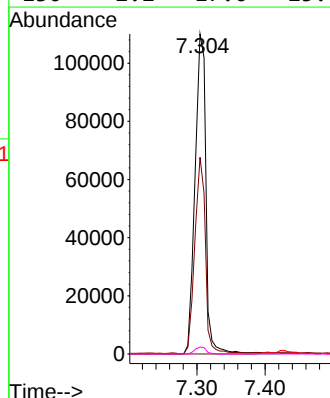
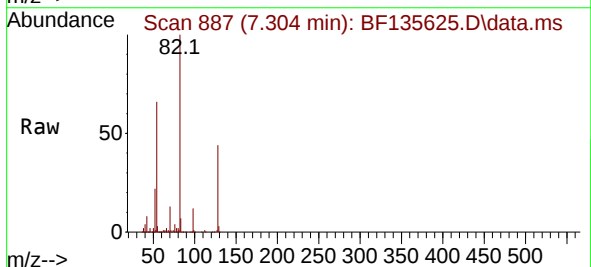
Instrument :
BNA_F
ClientSampleId :

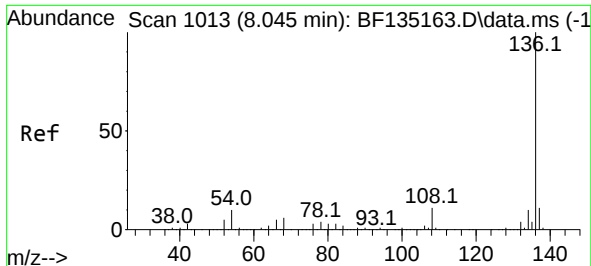
Tgt Ion: 99 Resp: 1295276
Ion Ratio Lower Upper
99 100
42 23.3 17.9 26.9
71 33.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.007 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

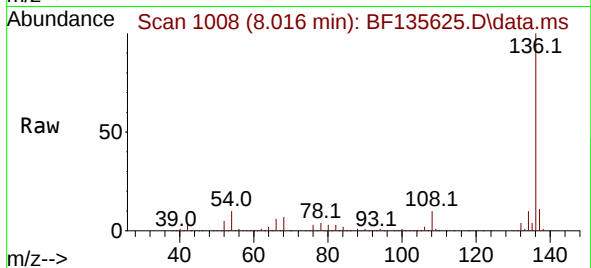
Tgt Ion: 70 Resp: 121495
Ion Ratio Lower Upper
70 100
42 61.5 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#



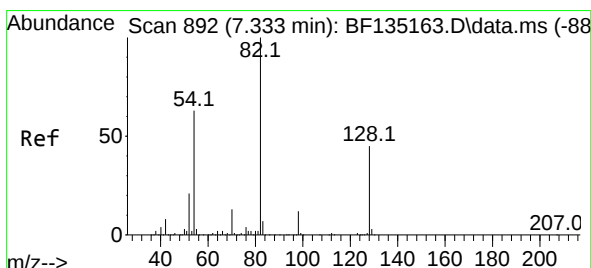
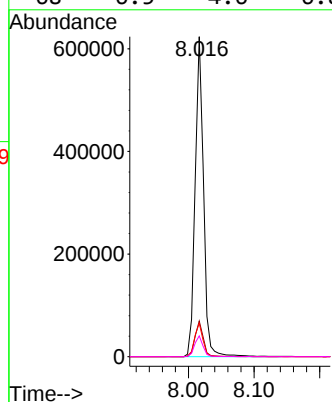
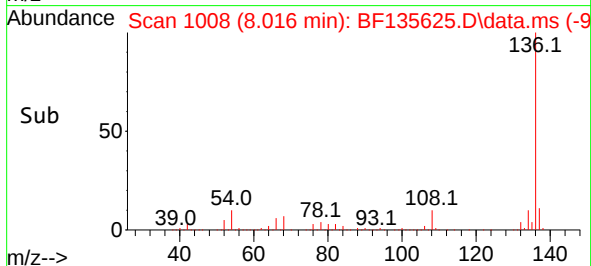


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

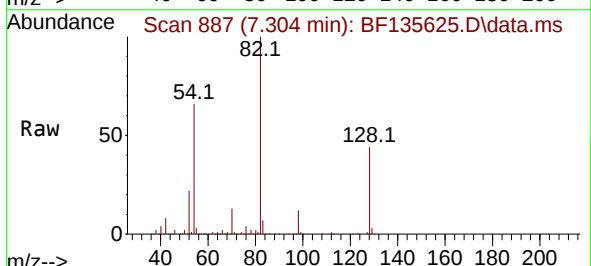
Instrument :
BNA_F
ClientSampleId :



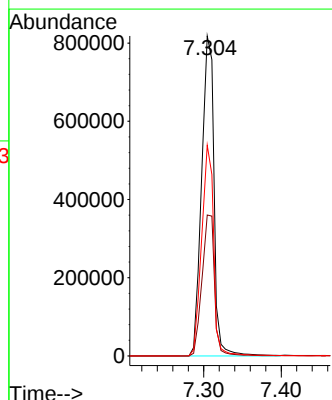
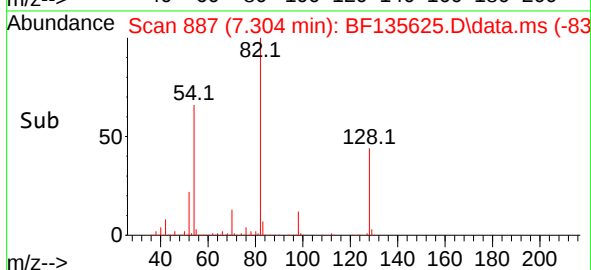
Tgt Ion:136 Resp: 556663
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.4 7.7 11.5
68 6.5 4.6 6.8

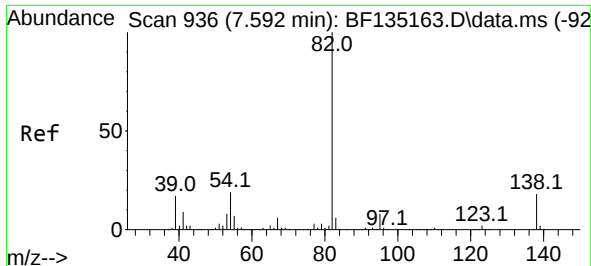


#23
Nitrobenzene-d5
Concen: 88.667 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.005 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03



Tgt Ion: 82 Resp: 908485
Ion Ratio Lower Upper
82 100
128 44.0 35.8 53.6
54 65.9 50.6 76.0

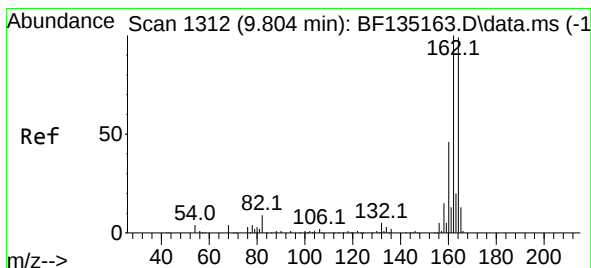
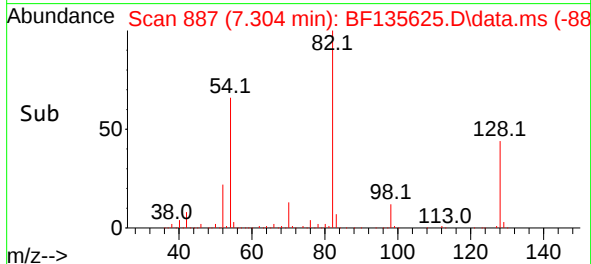
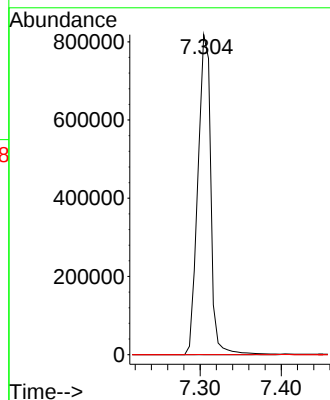
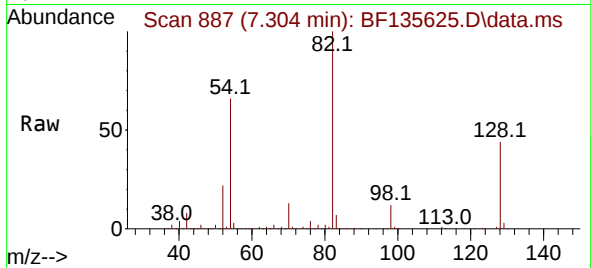




#25
Isophorone
Concen: 48.286 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.258 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

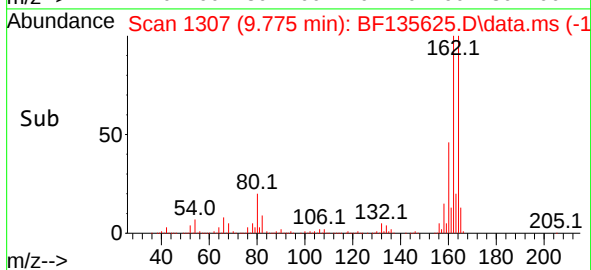
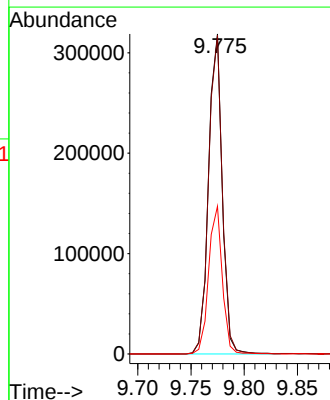
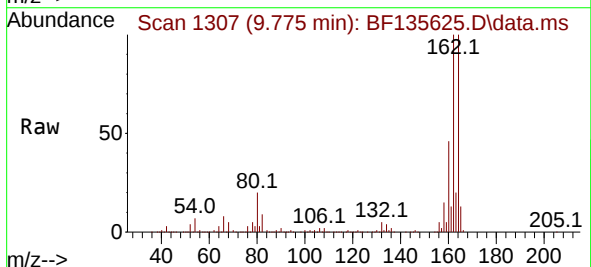
Instrument :
BNA_F
ClientSampleId :

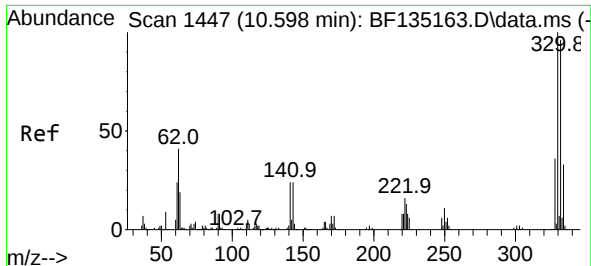
Tgt Ion: 82 Resp: 908474
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

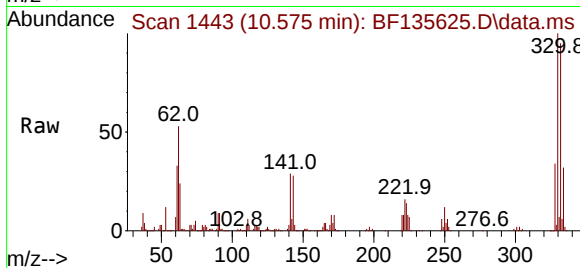
Tgt Ion:164 Resp: 285000
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.4
160 46.2 37.0 55.4



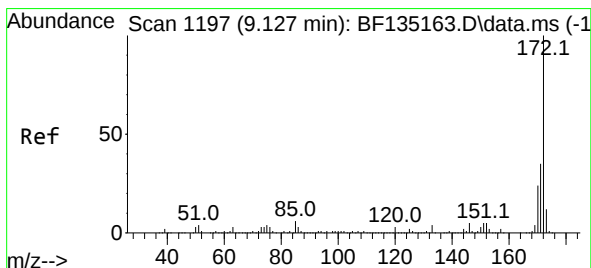
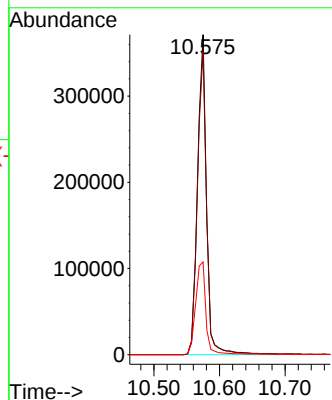
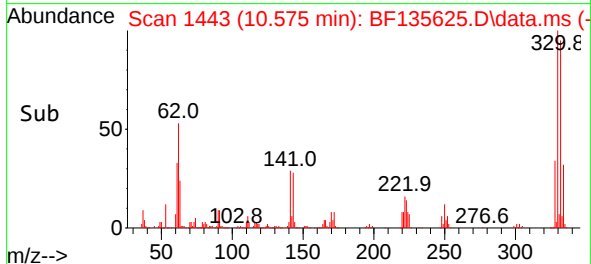


#42
2,4,6-Tribromophenol
Concen: 126.220 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

Instrument :
BNA_F
ClientSampleId :

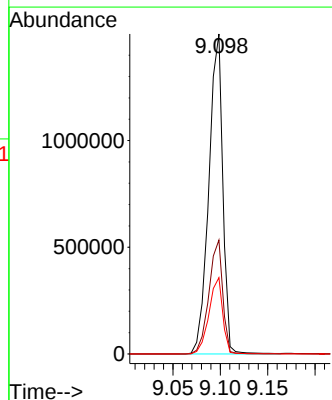
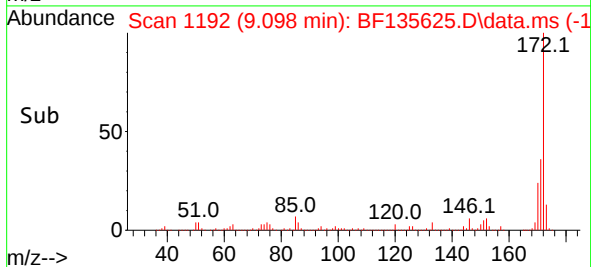
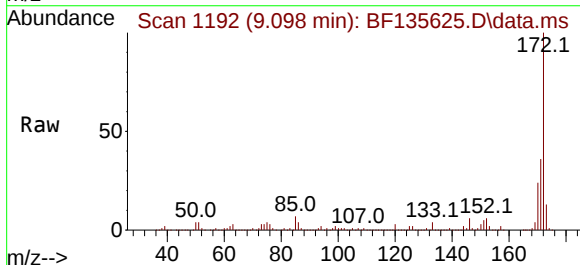


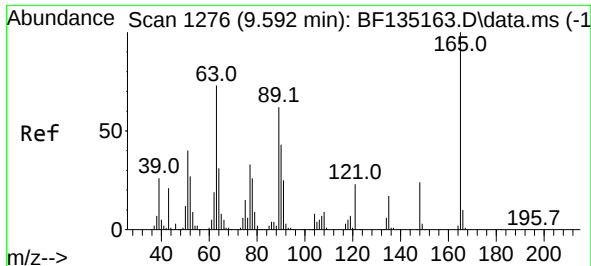
Tgt Ion:330 Resp: 357482
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 33.2 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 81.094 ng
RT: 9.098 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

Tgt Ion:172 Resp: 1531887
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.8 19.0 28.4

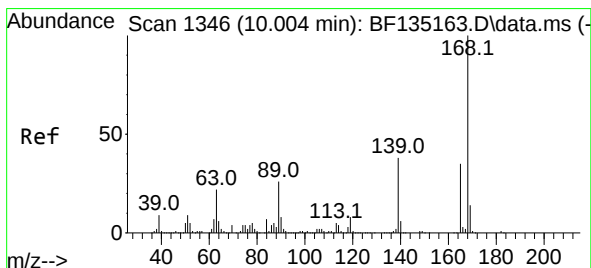
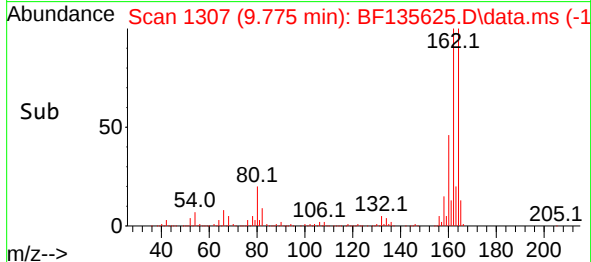
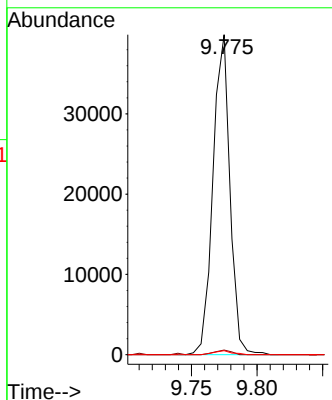
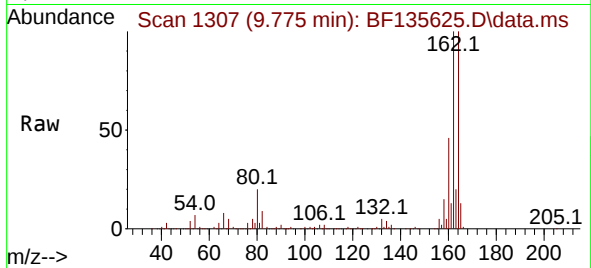




#51
2,6-Dinitrotoluene
Concen: 8.485 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

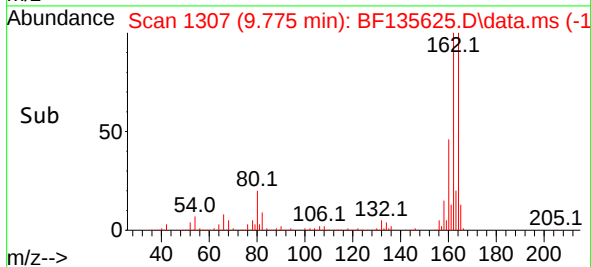
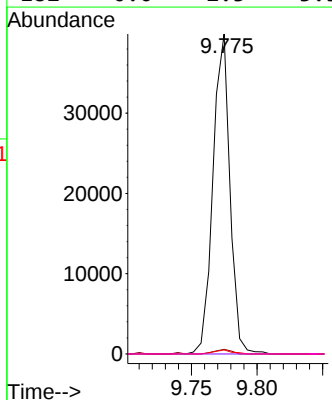
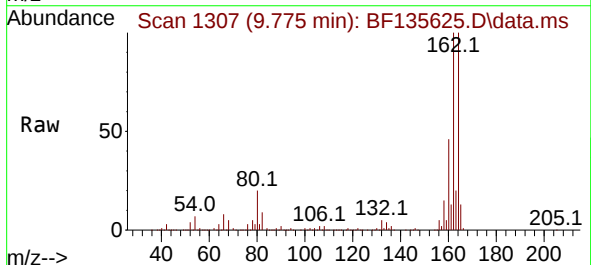
Instrument :
BNA_F
ClientSampleId :

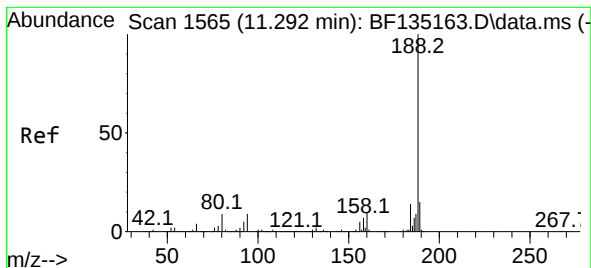
Tgt Ion:165 Resp: 35817
Ion Ratio Lower Upper
165 100
63 1.5 59.4 89.2#
89 1.3 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.778 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.211 min
Lab File: BF135625.D
Acq: 06 Oct 2023 13:03

Tgt Ion:165 Resp: 35817
Ion Ratio Lower Upper
165 100
63 1.5 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: BF135625.D

Acq: 06 Oct 2023 13:03

Instrument :

BNA_F

ClientSampleId :

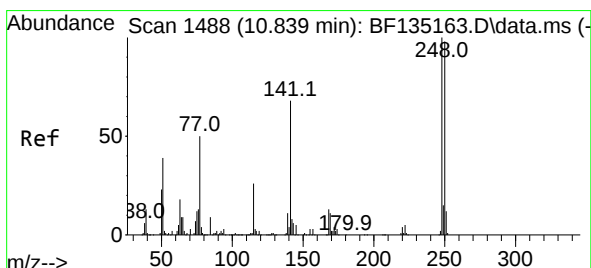
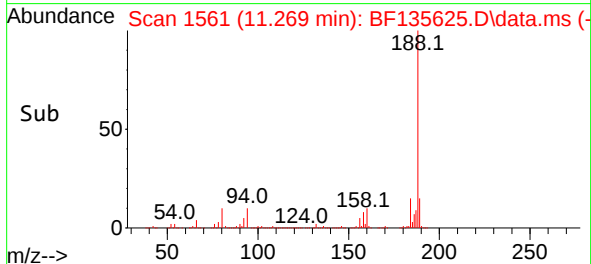
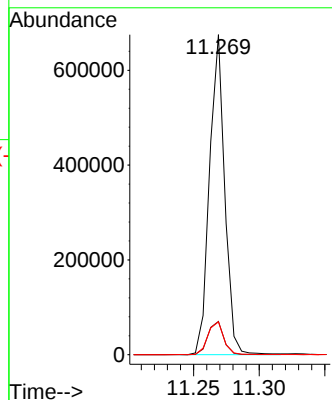
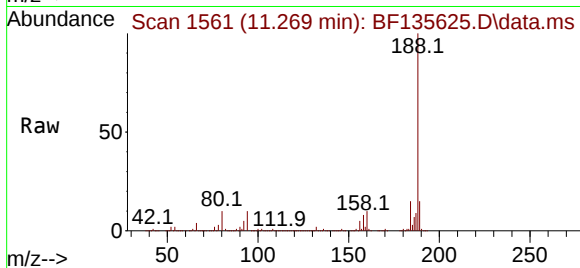
Tgt Ion:188 Resp: 546065

Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 10.2 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.131 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.235 min

Lab File: BF135625.D

Acq: 06 Oct 2023 13:03

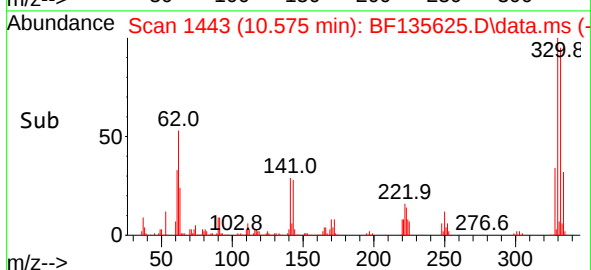
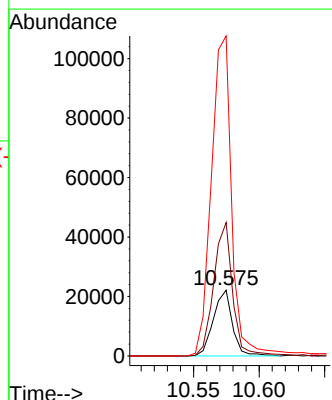
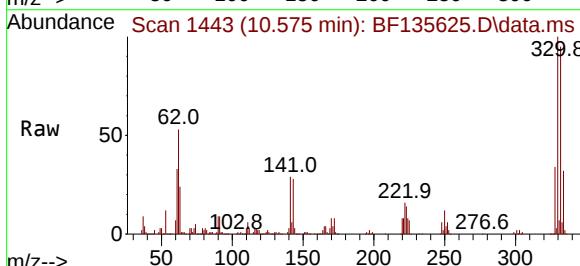
Tgt Ion:248 Resp: 22437

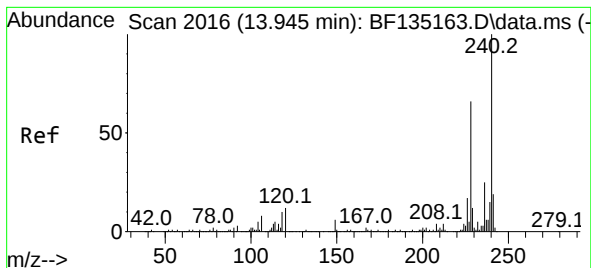
Ion Ratio Lower Upper

248 100

250 203.2 78.6 117.8#

141 487.0 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.928 min Scan# 20

Delta R.T. 0.000 min

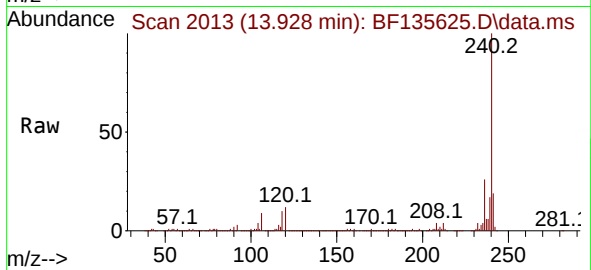
Lab File: BF135625.D

Acq: 06 Oct 2023 13:03

Instrument :

BNA_F

ClientSampleId :



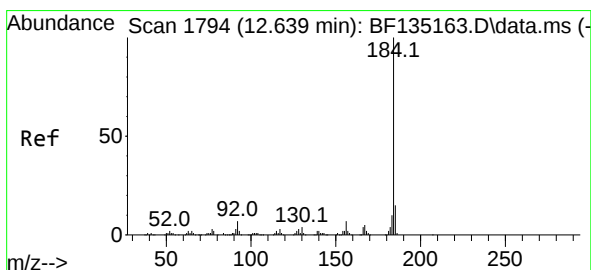
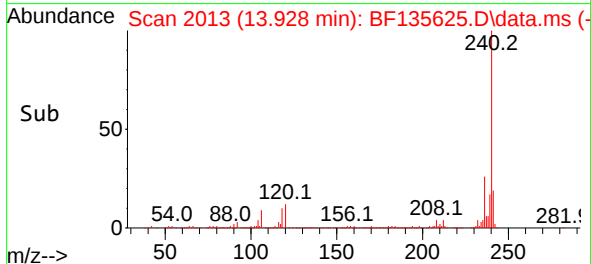
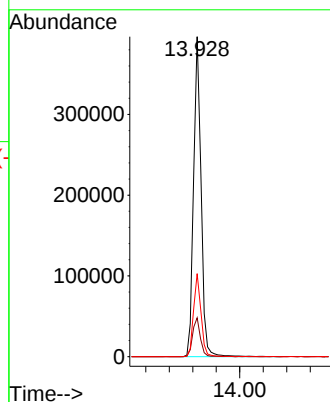
Tgt Ion:240 Resp: 350713

Ion Ratio Lower Upper

240 100

120 12.2 9.4 14.2

236 25.9 19.8 29.8



#77

Benzidine

Concen: 4.545 ng

RT: 12.628 min Scan# 1792

Delta R.T. 0.012 min

Lab File: BF135625.D

Acq: 06 Oct 2023 13:03

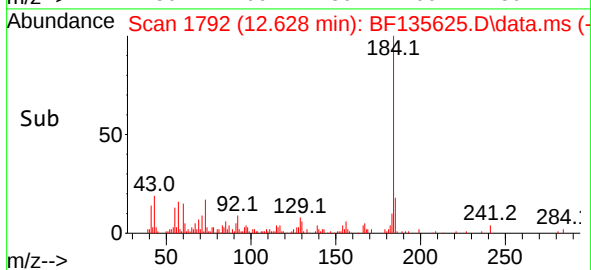
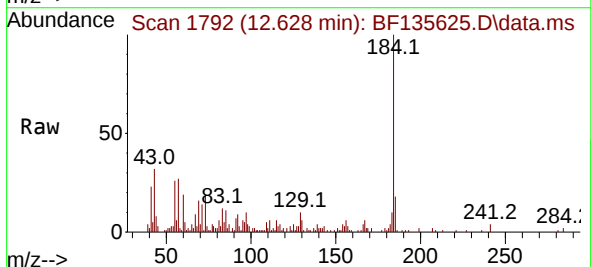
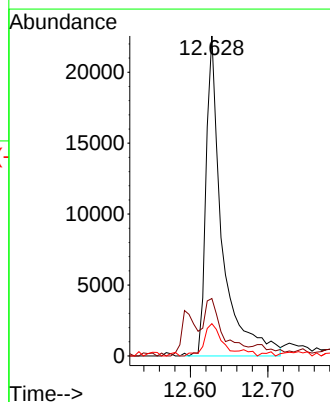
Tgt Ion:184 Resp: 32654

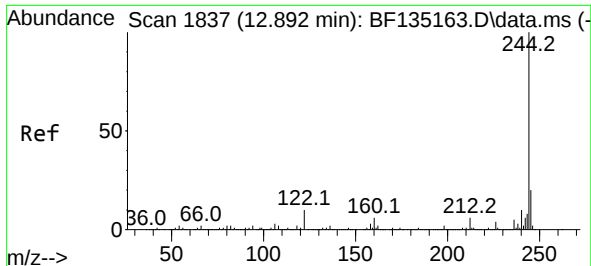
Ion Ratio Lower Upper

184 100

185 17.9 11.7 17.5#

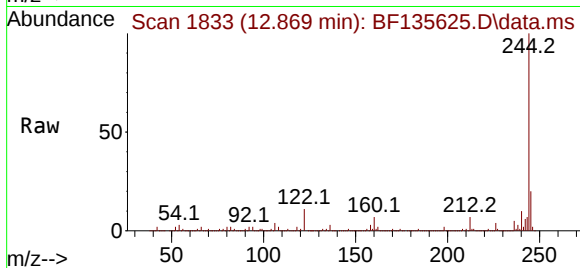
183 10.1 8.2 12.4



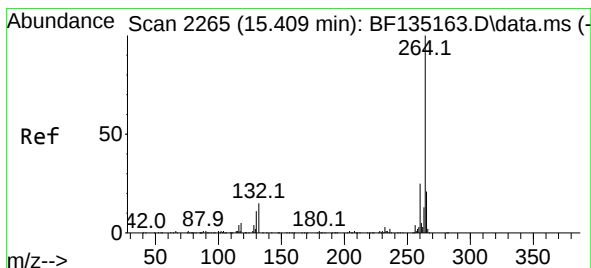
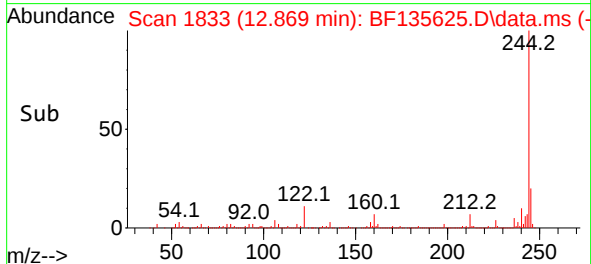
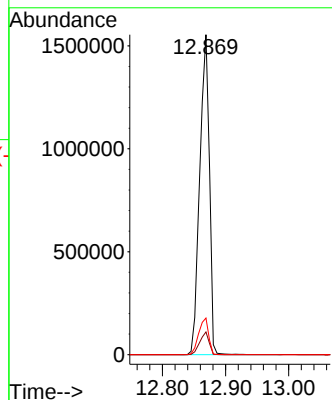


#79
 Terphenyl-d14
 Concen: 72.710 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135625.D
 Acq: 06 Oct 2023 13:03

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1644974
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.1 7.7
 122 11.5 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: BF135625.D
 Acq: 06 Oct 2023 13:03

Tgt Ion:264 Resp: 291784
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.8 29.6
 265 22.0 17.0 25.4

