

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135525.D
 Acq On : 02 Oct 2023 13:54
 Operator : CG\JU
 Sample : PB155966BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155966BL

Quant Time: Oct 03 02:54:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 30 00:12:20 2023
 Response via : Initial Calibration

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

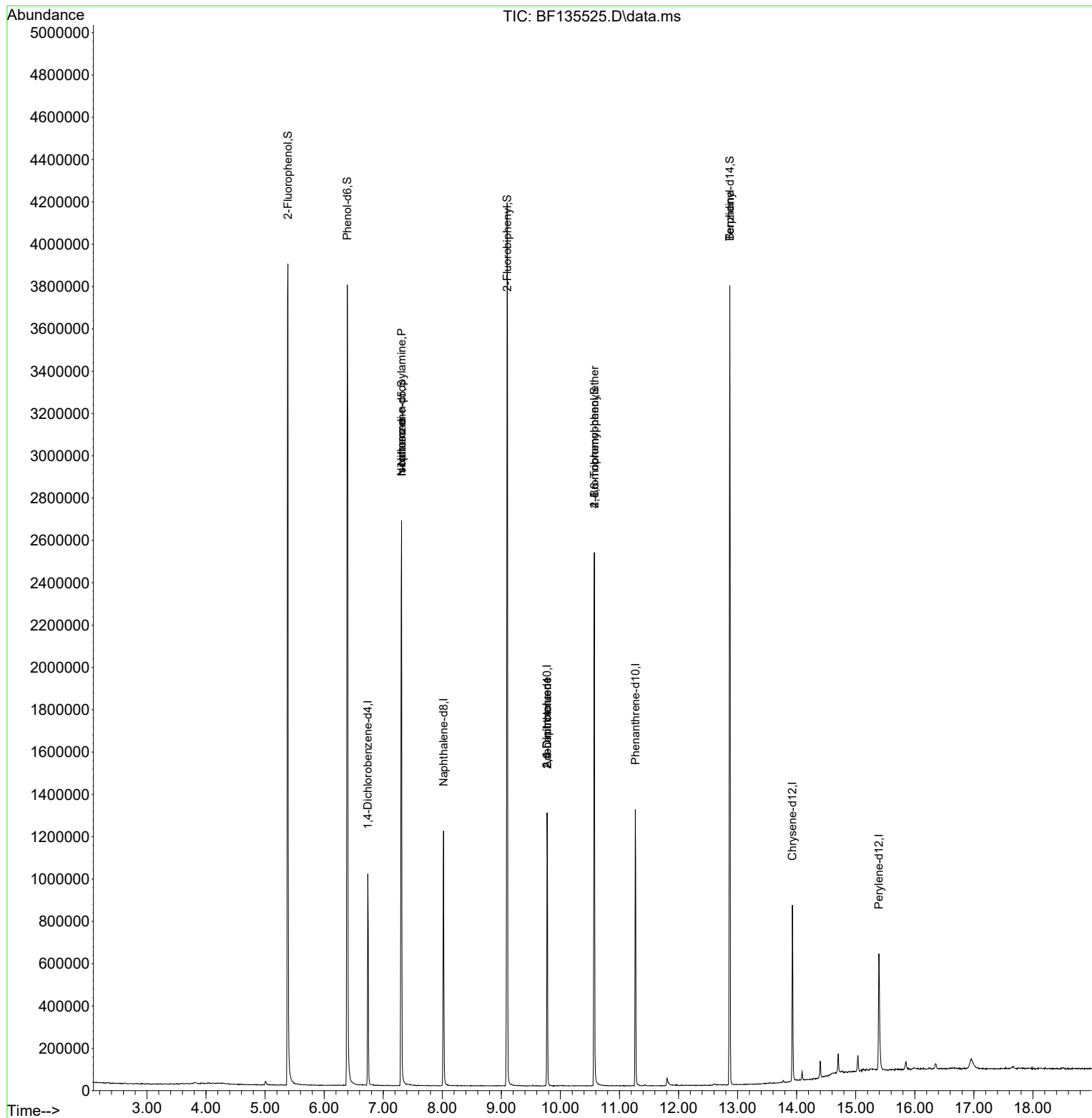
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	144150	20.000	ng	-0.01
21) Naphthalene-d8	8.022	136	542197	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	257625	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	488683	20.000	ng	# 0.00
76) Chrysene-d12	13.927	240	276331	20.000	ng	0.00
86) Perylene-d12	15.392	264	260979	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1162056	131.115	ng	0.00
7) Phenol-d6	6.393	99	1470461	130.480	ng	-0.01
23) Nitrobenzene-d5	7.310	82	915161	91.701	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	288703	112.767	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1459733	85.486	ng	-0.01
79) Terphenyl-d14	12.869	244	1420599	79.694	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.310	70	122107	17.493	ng	# 79
25) Isophorone	7.310	82	915152	49.939	ng	# 65
51) 2,6-Dinitrotoluene	9.775	165	33004	8.649	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	33004	6.909	ng	# 18
67) 4-Bromophenyl-phenylether	10.575	248	18674	3.842	ng	# 1
77) Benzidine	12.869	184	17659	3.119	ng	# 87

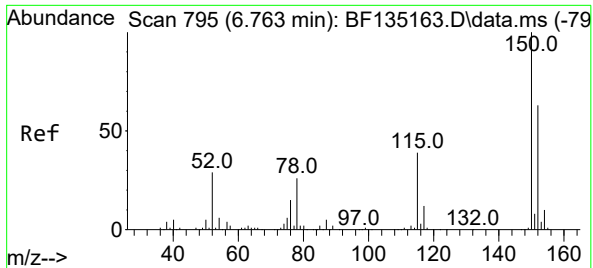
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135525.D
Acq On : 02 Oct 2023 13:54
Operator : CG\JU
Sample : PB155966BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB155966BL

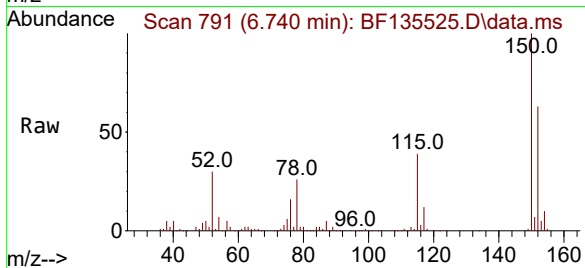
Quant Time: Oct 03 02:54:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 30 00:12:20 2023
Response via : Initial Calibration



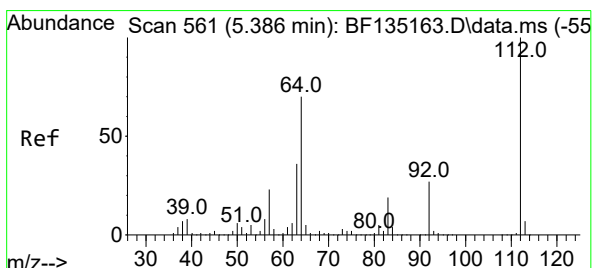
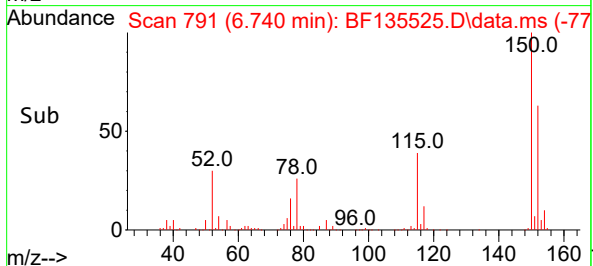
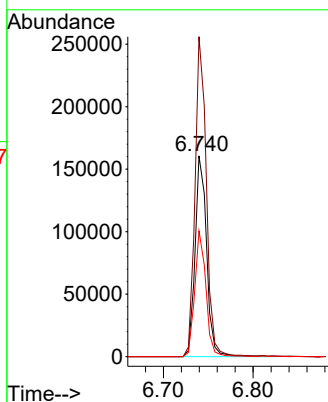


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. -0.011 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

Instrument :
BNA_F
ClientSampleId :
PB155966BL

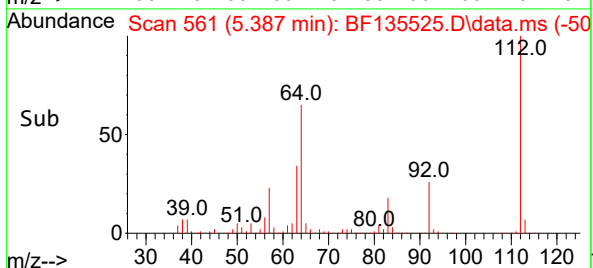
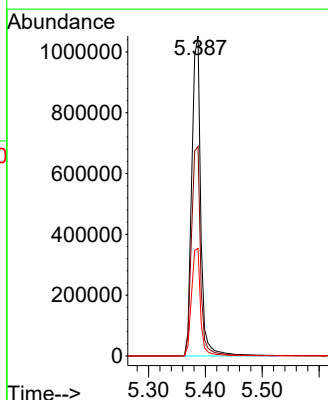
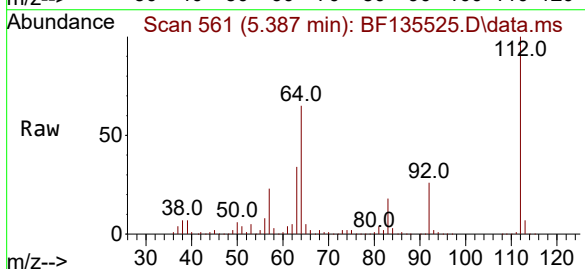


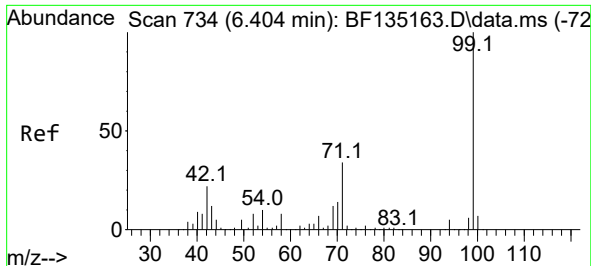
Tgt Ion:152 Resp: 144150
Ion Ratio Lower Upper
152 100
150 159.3 127.8 191.6
115 62.6 49.8 74.8



#5
2-Fluorophenol
Concen: 131.115 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

Tgt Ion:112 Resp: 1162056
Ion Ratio Lower Upper
112 100
64 65.5 55.9 83.9
63 33.6 29.0 43.6

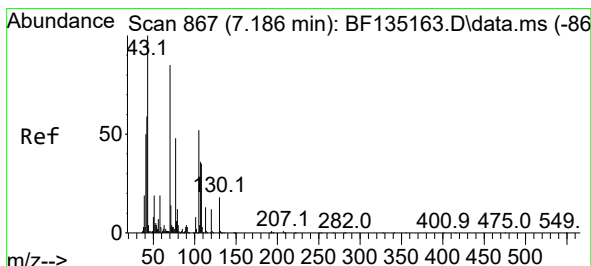
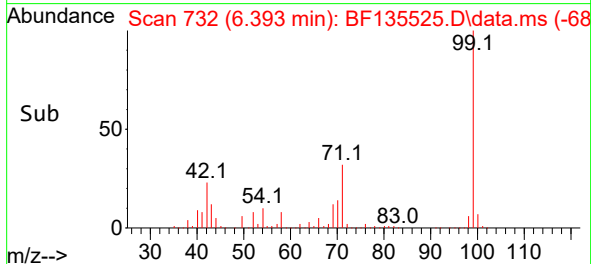
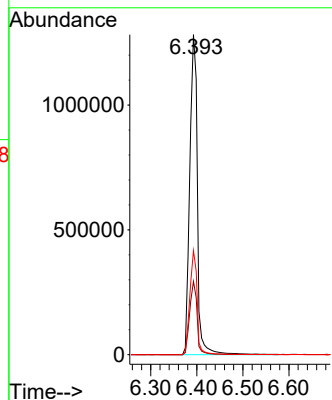
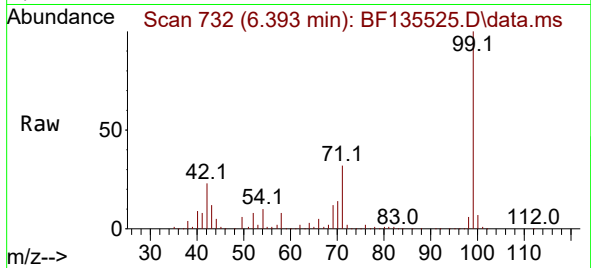




#7
Phenol-d6
Concen: 130.480 ng
RT: 6.393 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

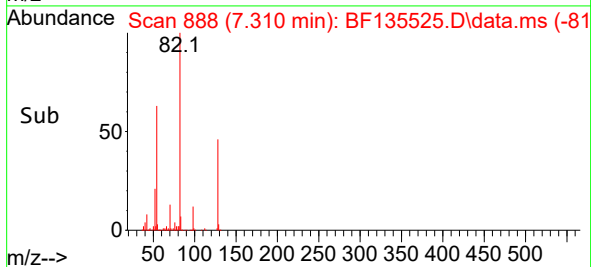
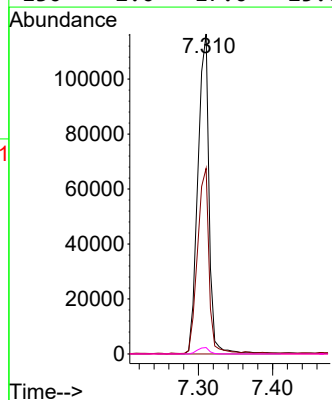
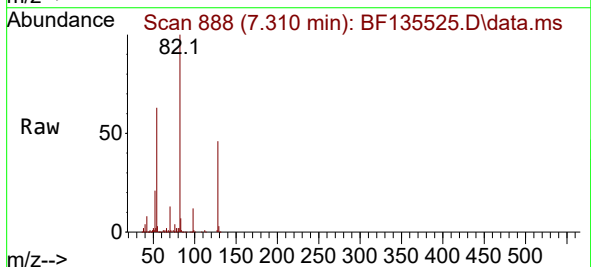
Instrument :
BNA_F
ClientSampleId :
PB155966BL

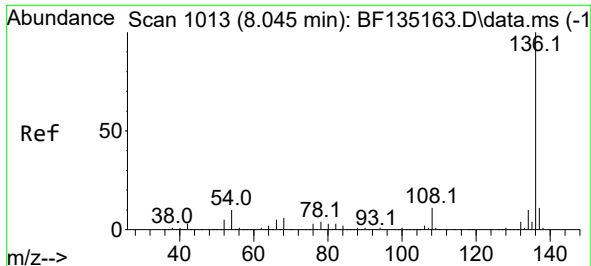
Tgt Ion: 99 Resp: 1470461
Ion Ratio Lower Upper
99 100
42 22.9 17.9 26.9
71 32.5 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.493 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

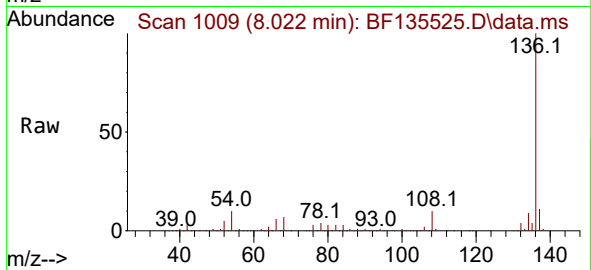
Tgt Ion: 70 Resp: 122107
Ion Ratio Lower Upper
70 100
42 58.0 55.4 83.0
101 0.0 7.7 11.5#
130 2.0 17.0 25.6#



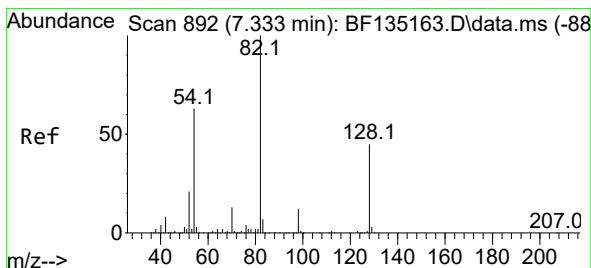
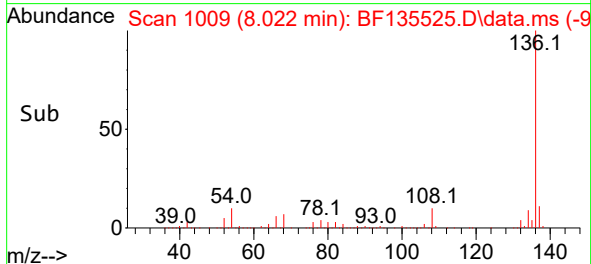
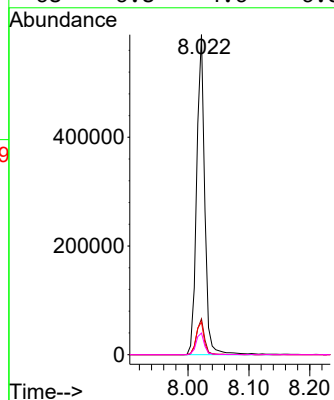


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

Instrument :
BNA_F
ClientSampleId :
PB155966BL

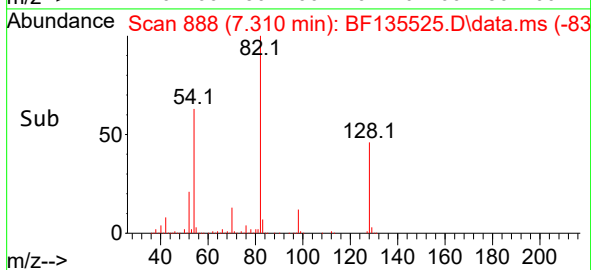
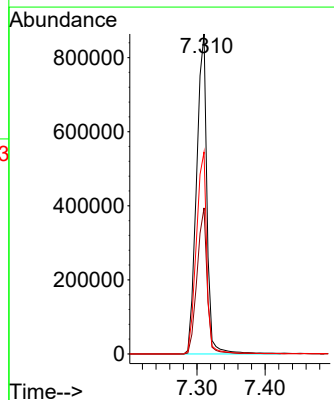
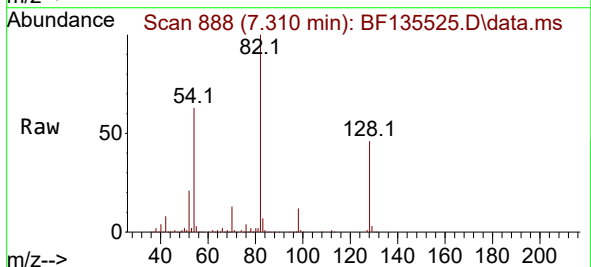


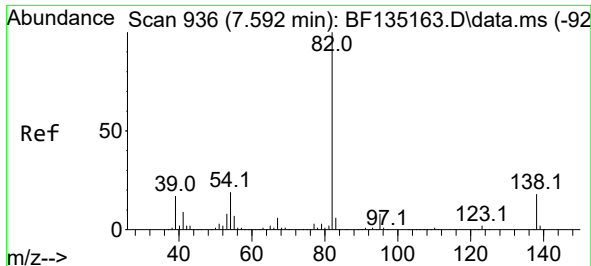
Tgt Ion:136 Resp: 542197
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.2 7.7 11.5
68 6.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 91.701 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

Tgt Ion: 82 Resp: 915161
Ion Ratio Lower Upper
82 100
128 45.6 35.8 53.6
54 63.1 50.6 76.0

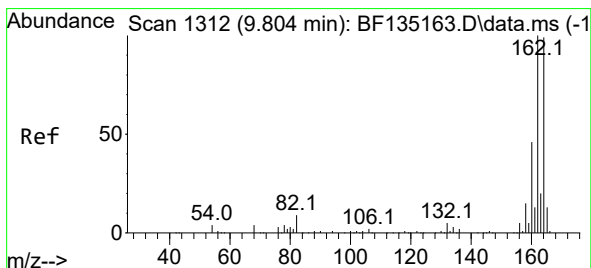
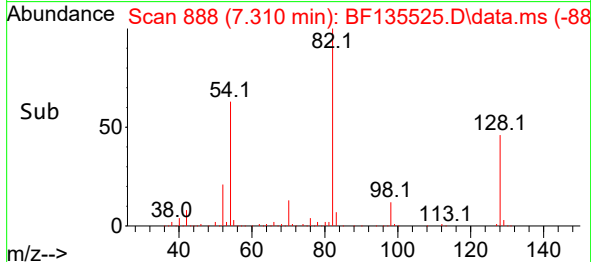
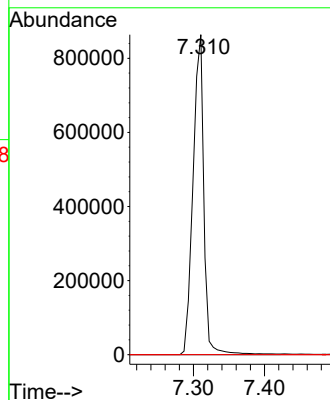
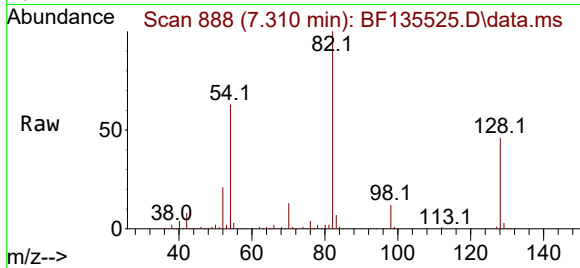




#25
Isophorone
Concen: 49.939 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

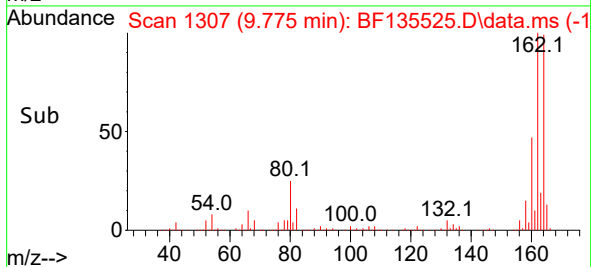
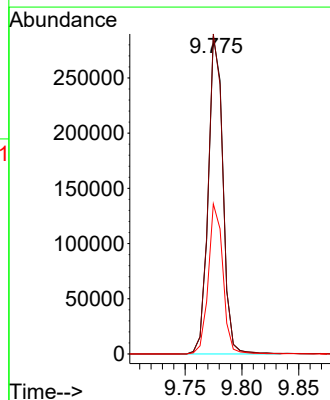
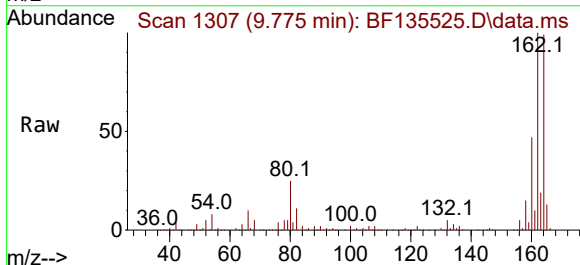
Instrument :
BNA_F
ClientSampleId :
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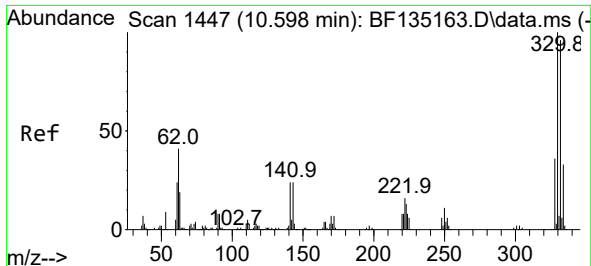
Tgt Ion: 82 Resp: 915152
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

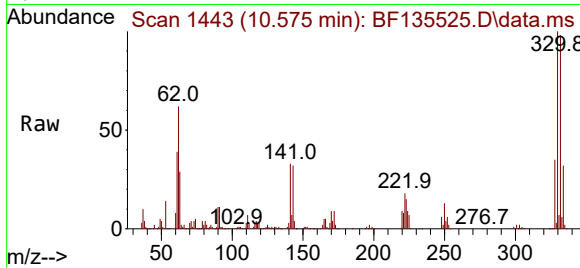
Tgt Ion:164 Resp: 257625
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 47.3 37.0 55.4



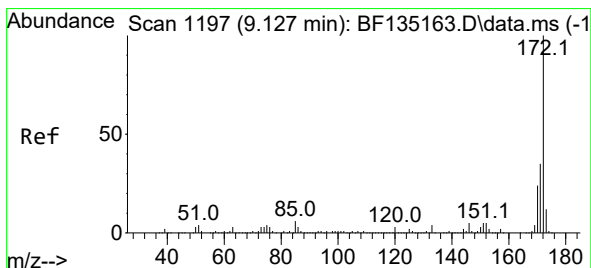
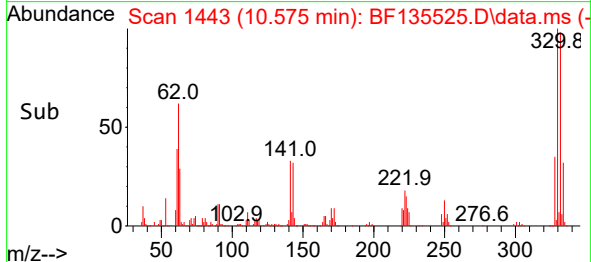
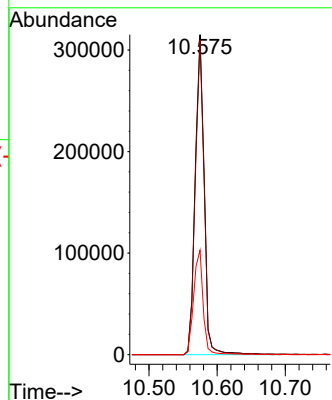


#42
2,4,6-Tribromophenol
Concen: 112.767 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

Instrument :
BNA_F
ClientSampleId :
PB155966BL

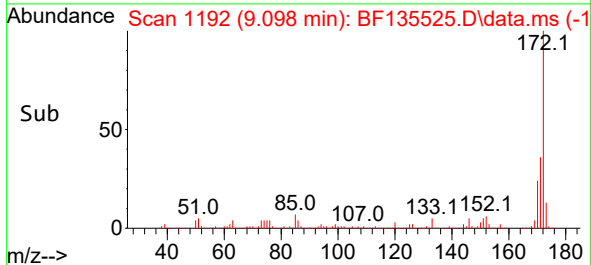
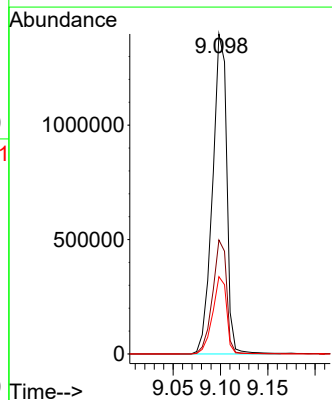
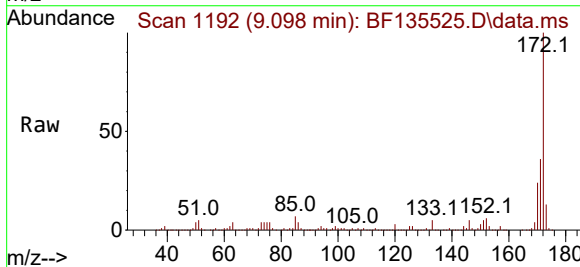


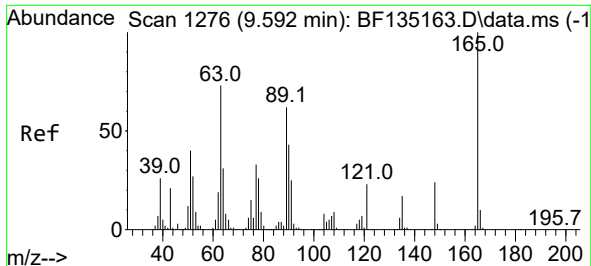
Tgt Ion:330 Resp: 288703
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 34.6 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 85.486 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.012 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

Tgt Ion:172 Resp: 1459733
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 24.1 19.0 28.4

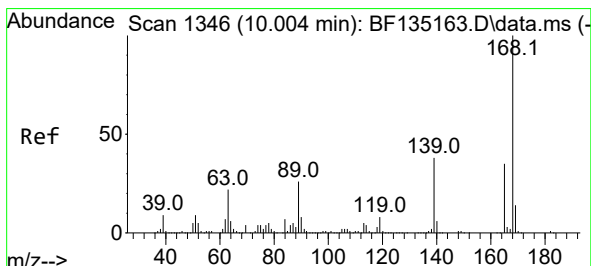
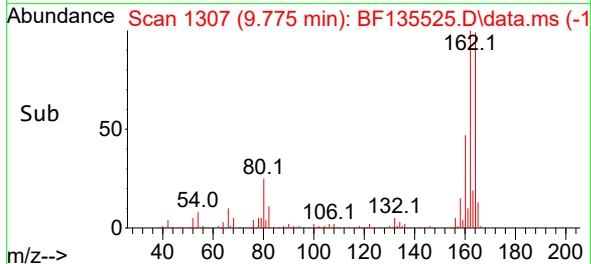
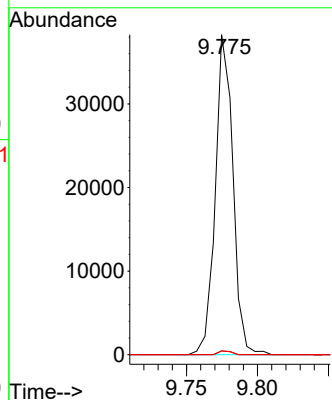
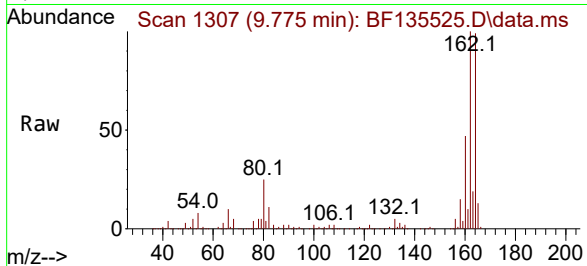




#51
2,6-Dinitrotoluene
Concen: 8.649 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

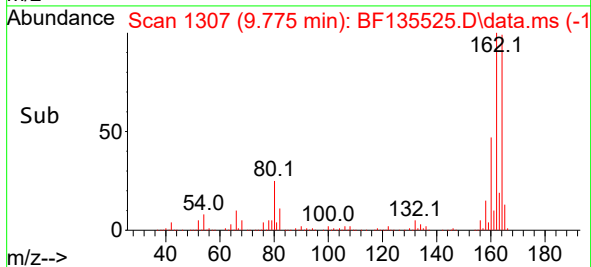
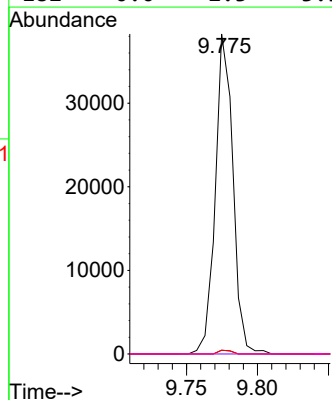
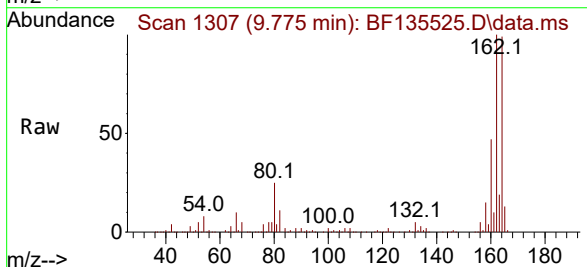
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ClientSampleId :
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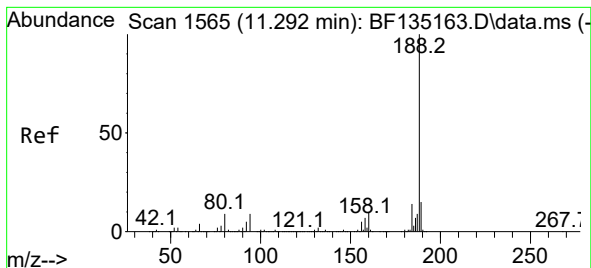
Tgt Ion:165 Resp: 33004
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 1.2 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.909 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.217 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

Tgt Ion:165 Resp: 33004
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 1.2 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. -0.006 min

Lab File: BF135525.D

Acq: 02 Oct 2023 13:54

Instrument :

BNA_F

ClientSampleId :

PB155966BL

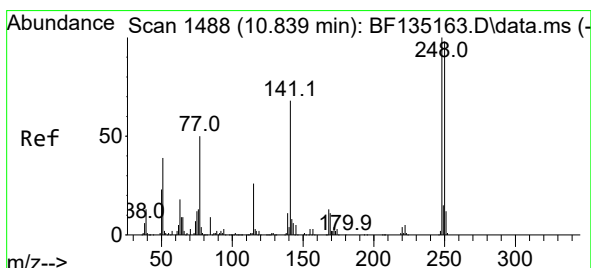
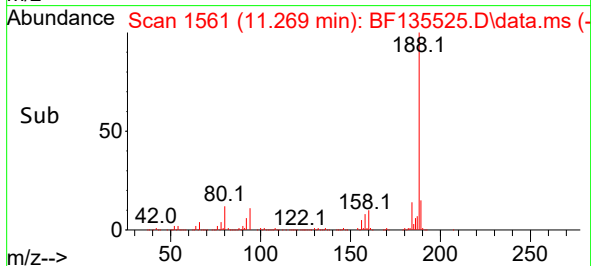
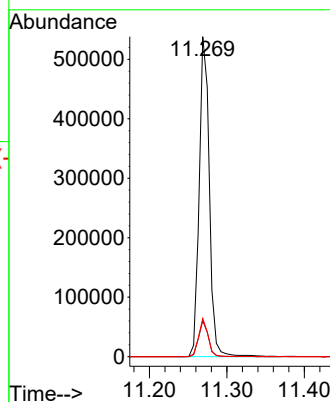
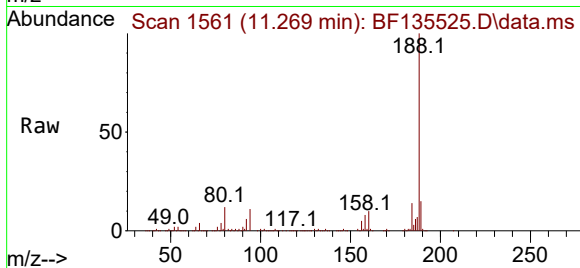
Tgt Ion:188 Resp: 488683

Ion Ratio Lower Upper

188 100

94 11.2 7.0 10.6#

80 12.0 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 3.842 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.247 min

Lab File: BF135525.D

Acq: 02 Oct 2023 13:54

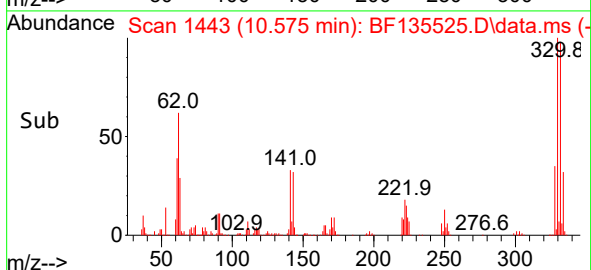
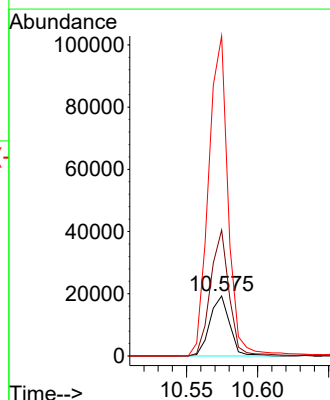
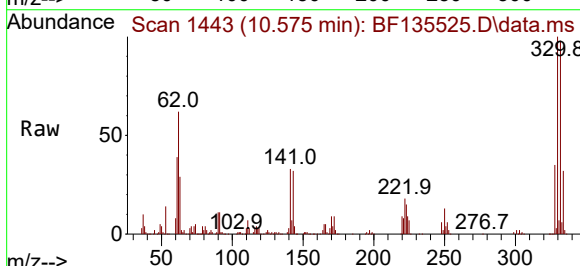
Tgt Ion:248 Resp: 18674

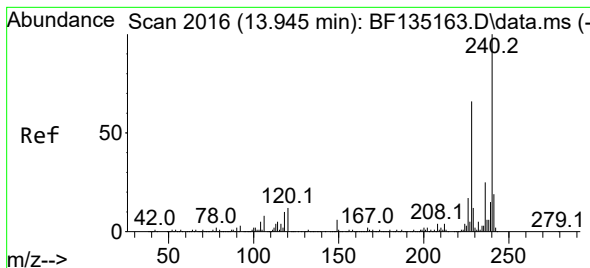
Ion Ratio Lower Upper

248 100

250 209.9 78.6 117.8#

141 533.6 54.2 81.2#

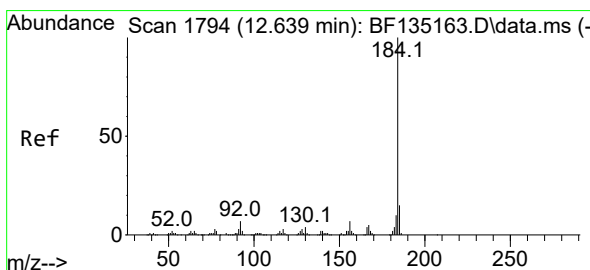
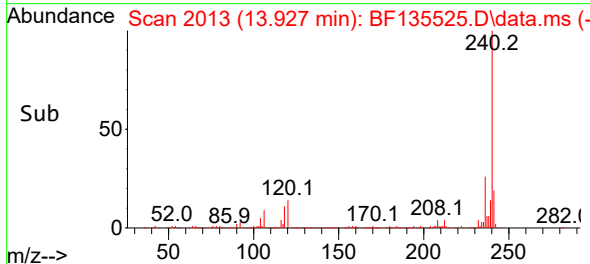
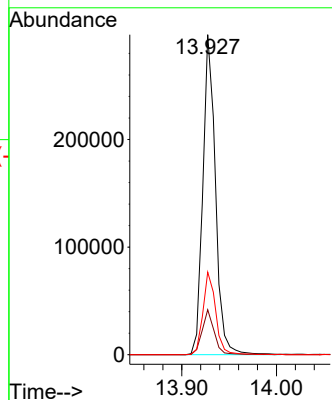
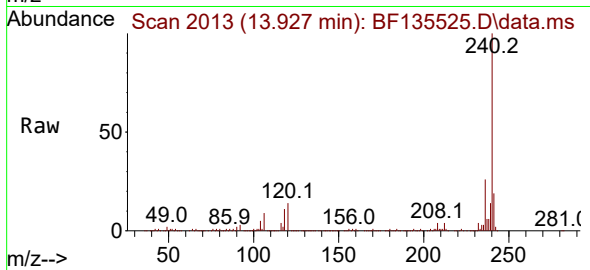




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

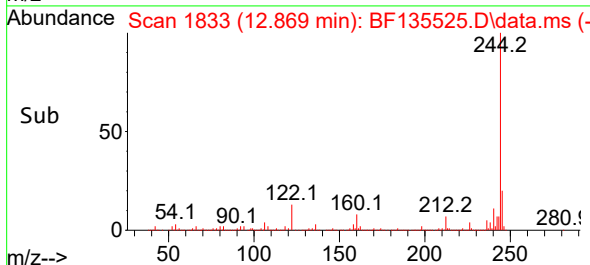
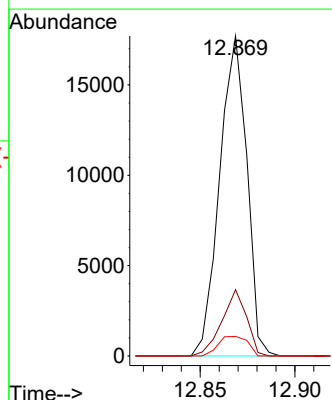
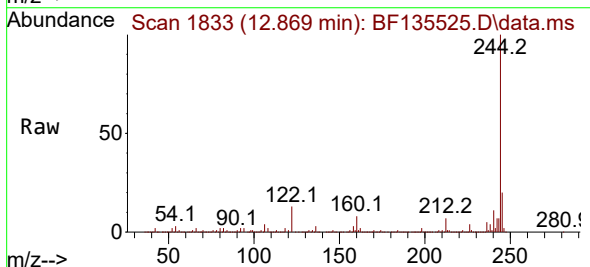
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BNA_F
ClientSampleId :
PB155966BL

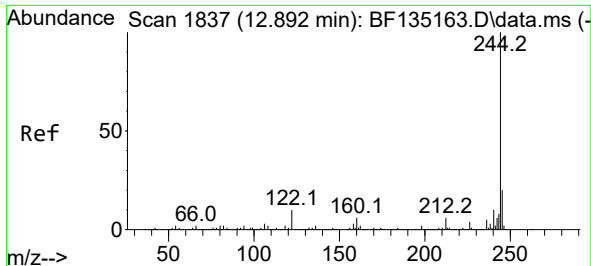
Tgt Ion:240 Resp: 276331
Ion Ratio Lower Upper
240 100
120 14.1 9.4 14.2
236 25.8 19.8 29.8



#77
Benzidine
Concen: 3.119 ng
RT: 12.869 min Scan# 1833
Delta R.T. 0.247 min
Lab File: BF135525.D
Acq: 02 Oct 2023 13:54

Tgt Ion:184 Resp: 17659
Ion Ratio Lower Upper
184 100
185 20.7 11.7 17.5#
183 6.1 8.2 12.4#

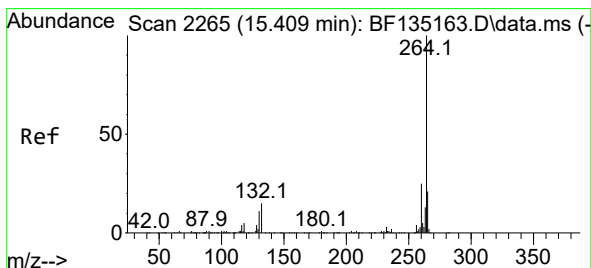
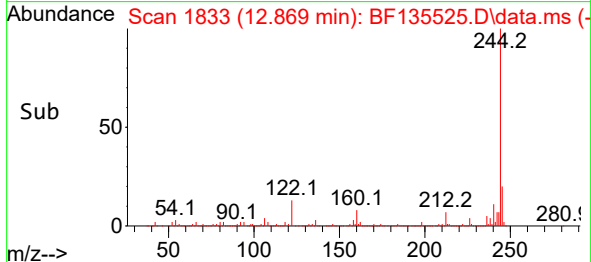
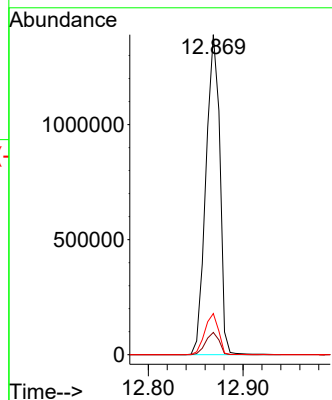
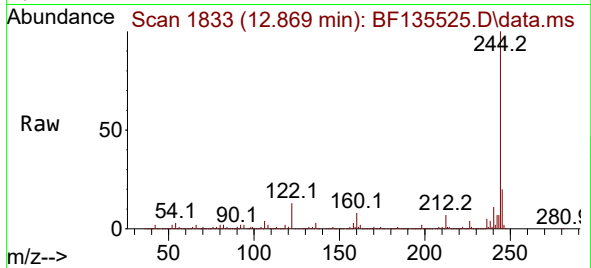




#79
 Terphenyl-d14
 Concen: 79.694 ng
 RT: 12.869 min Scan# 1833
 Delta R.T. -0.006 min
 Lab File: BF135525.D
 Acq: 02 Oct 2023 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB155966BL

Tgt Ion:244 Resp: 1420599
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 12.8 7.9 11.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2262
 Delta R.T. 0.000 min
 Lab File: BF135525.D
 Acq: 02 Oct 2023 13:54

Tgt Ion:264 Resp: 260979
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.6
 265 21.7 17.0 25.4

