

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
 Data File : BF135707.D
 Acq On : 11 Oct 2023 12:03
 Operator : CG\JU
 Sample : PB156142TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156142TB

Quant Time: Oct 12 00:46:45 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 11 02:43:17 2023
 Response via : Initial Calibration

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

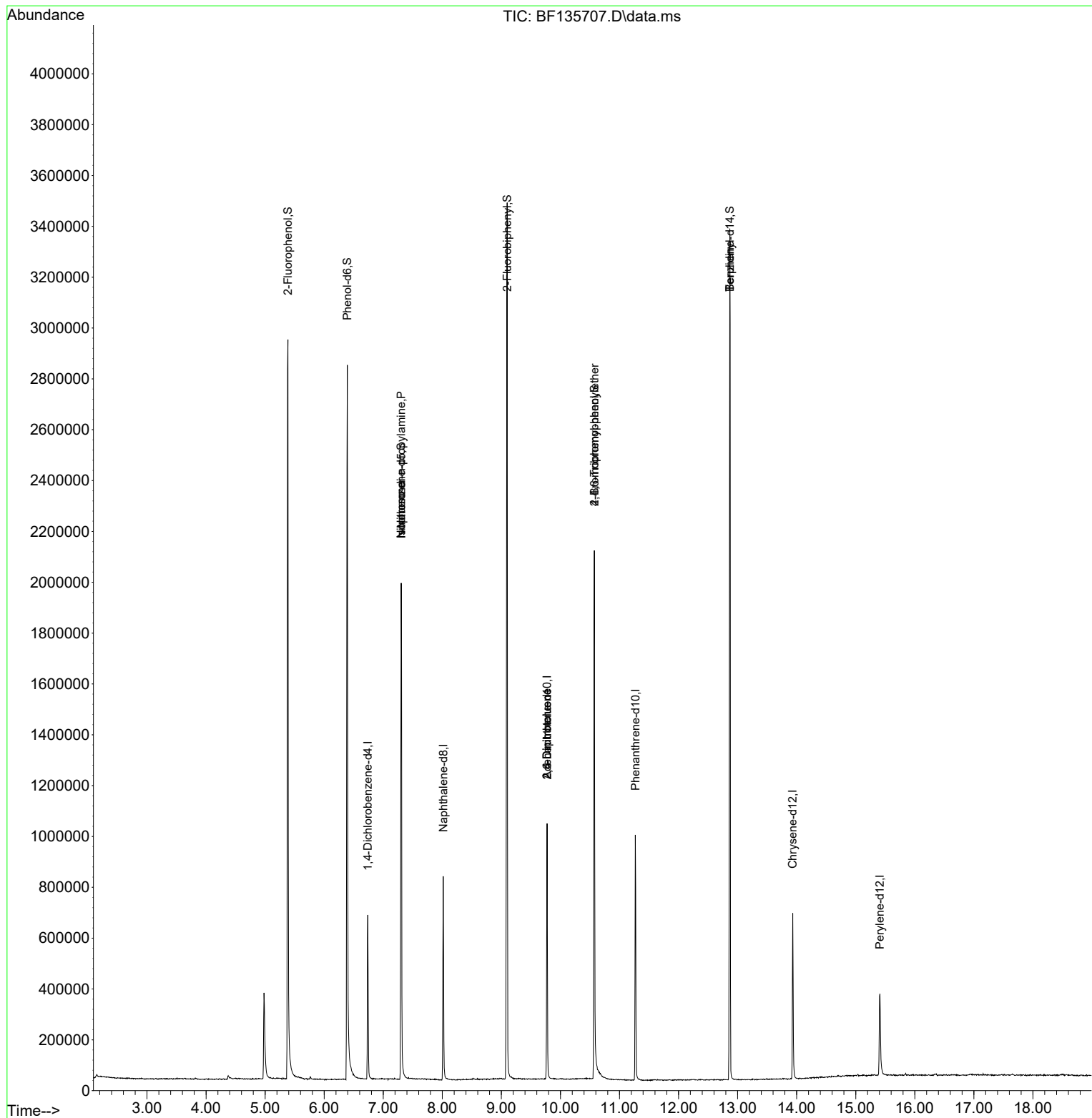
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	102585	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	380708	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	207303	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	381039	20.000	ng	0.00
76) Chrysene-d12	13.933	240	233240	20.000	ng	0.00
86) Perylene-d12	15.409	264	197027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	885026	140.318	ng	0.02
7) Phenol-d6	6.392	99	1064558	132.736	ng	0.00
23) Nitrobenzene-d5	7.304	82	703628	100.412	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	297017	144.177	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1273613	92.692	ng	0.00
79) Terphenyl-d14	12.868	244	1313527	87.301	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	93431	18.808	ng	# 82
25) Isophorone	7.304	82	703628	54.683	ng	# 65
51) 2,6-Dinitrotoluene	9.774	165	25793	8.401	ng	# 17
57) 2,4-Dinitrotoluene	9.774	165	25793	6.710	ng	# 19
67) 4-Bromophenyl-phenylether	10.574	248	18631	4.916	ng	# 1
77) Benzidine	12.868	184	16721	3.499	ng	# 94

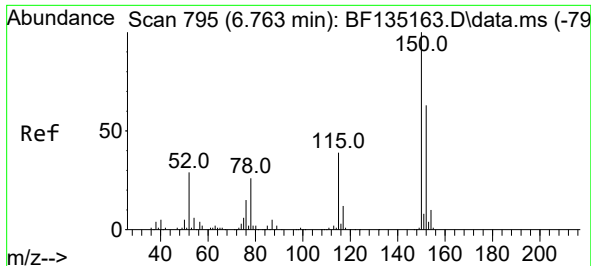
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
Data File : BF135707.D
Acq On : 11 Oct 2023 12:03
Operator : CG\JU
Sample : PB156142TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB156142TB

Quant Time: Oct 12 00:46:45 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 11 02:43:17 2023
Response via : Initial Calibration

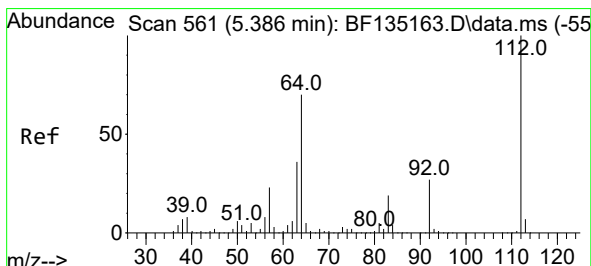
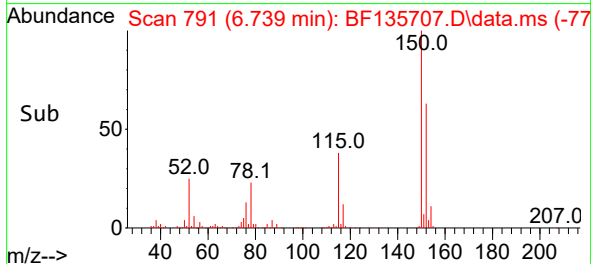
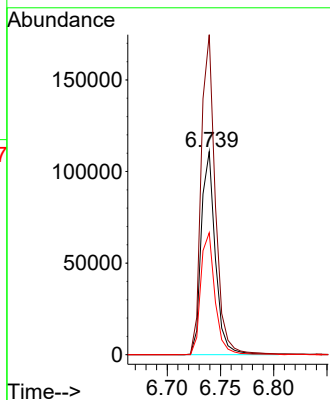
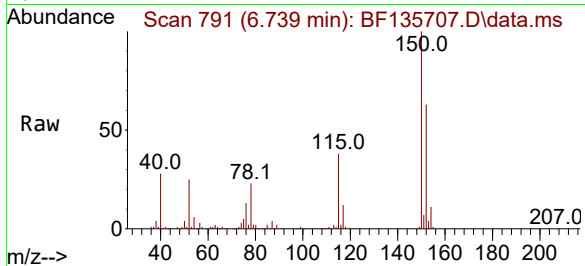




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135707.D
Acq: 11 Oct 2023 12:03

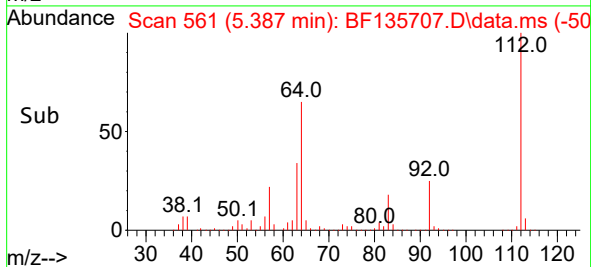
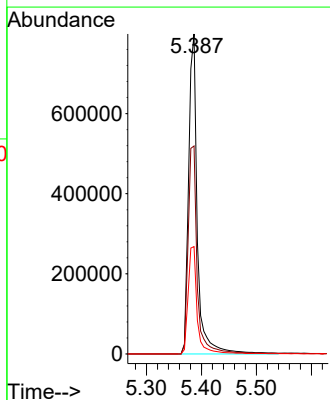
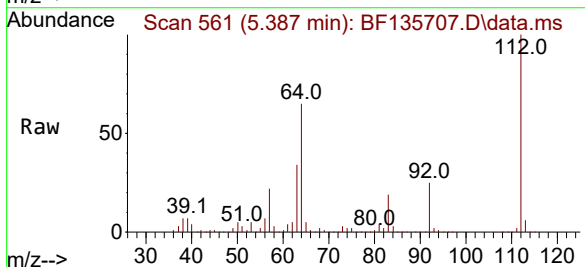
Instrument :
BNA_F
ClientSampleId :
PB156142TB

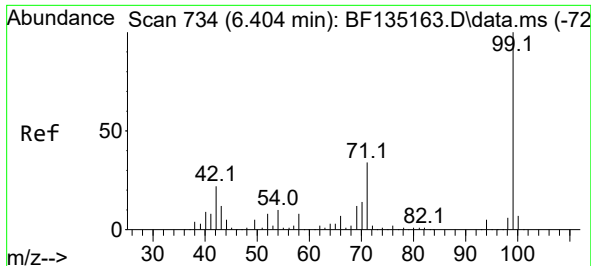
Tgt Ion:152 Resp: 102585
Ion Ratio Lower Upper
152 100
150 157.6 127.8 191.6
115 60.1 49.8 74.8



#5
2-Fluorophenol
Concen: 140.318 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.018 min
Lab File: BF135707.D
Acq: 11 Oct 2023 12:03

Tgt Ion:112 Resp: 885026
Ion Ratio Lower Upper
112 100
64 65.0 55.9 83.9
63 33.5 29.0 43.6

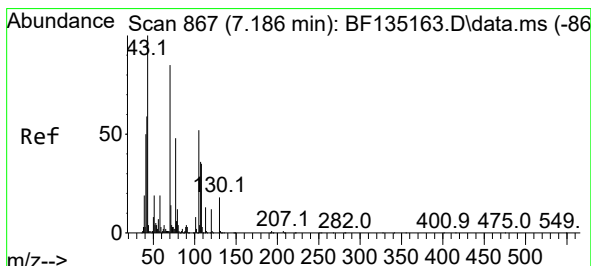
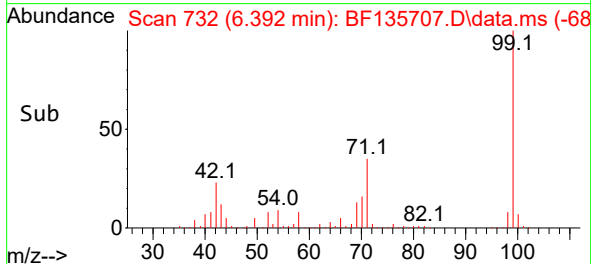
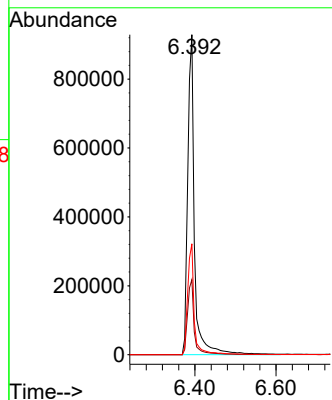
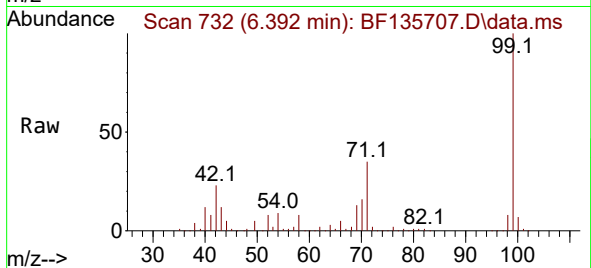




#7
Phenol-d6
Concen: 132.736 ng
RT: 6.392 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135707.D
Acq: 11 Oct 2023 12:03

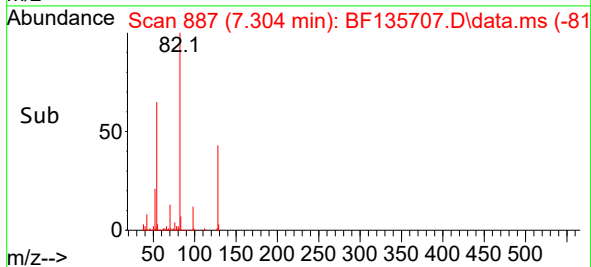
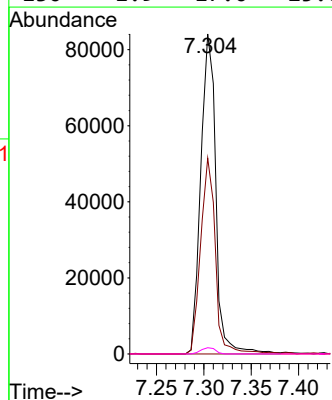
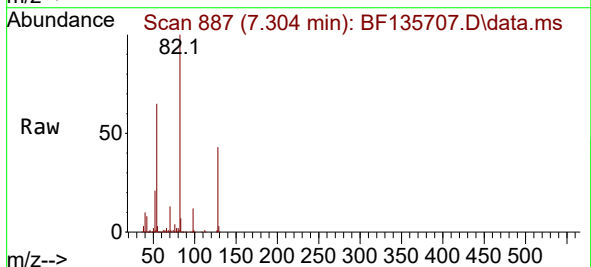
Instrument :
BNA_F
ClientSampleId :
PB156142TB

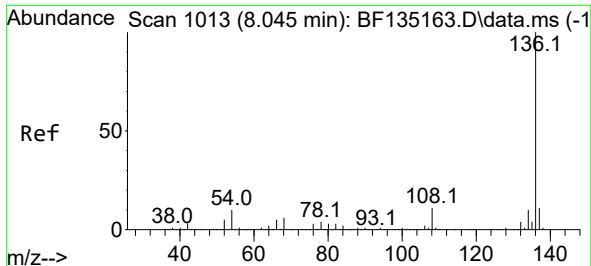
Tgt Ion: 99 Resp: 1064558
Ion Ratio Lower Upper
99 100
42 23.5 17.9 26.9
71 34.7 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.808 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF135707.D
Acq: 11 Oct 2023 12:03

Tgt Ion: 70 Resp: 93431
Ion Ratio Lower Upper
70 100
42 61.2 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# 1

Delta R.T. -0.006 min

Lab File: BF135707.D

Acq: 11 Oct 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB156142TB

Tgt Ion:136 Resp: 380708

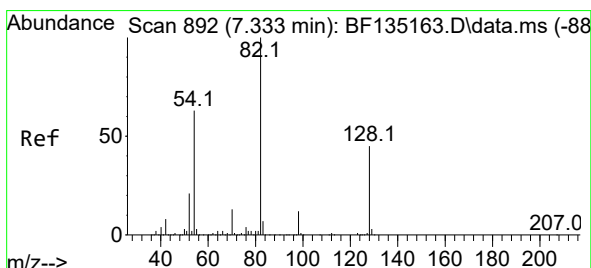
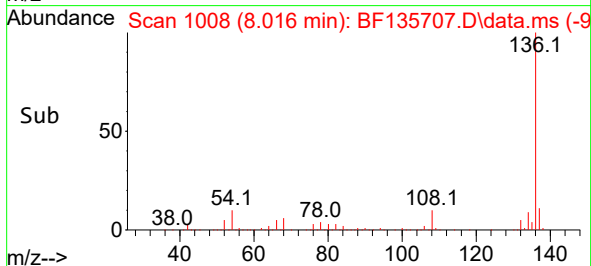
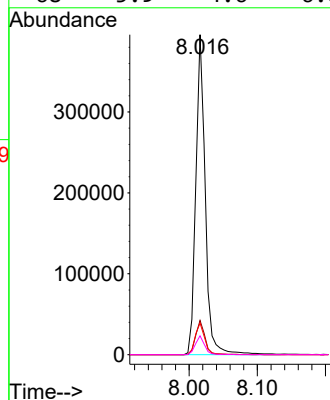
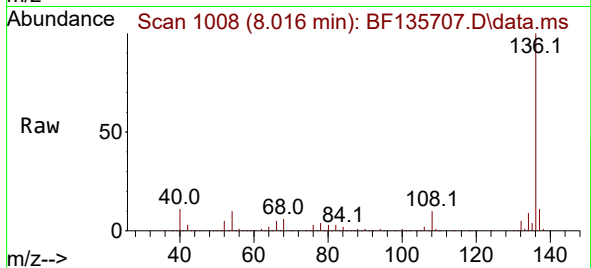
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.9 7.7 11.5

68 5.9 4.6 6.8



#23

Nitrobenzene-d5

Concen: 100.412 ng

RT: 7.304 min Scan# 887

Delta R.T. -0.006 min

Lab File: BF135707.D

Acq: 11 Oct 2023 12:03

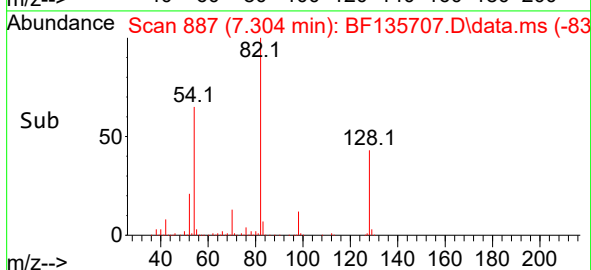
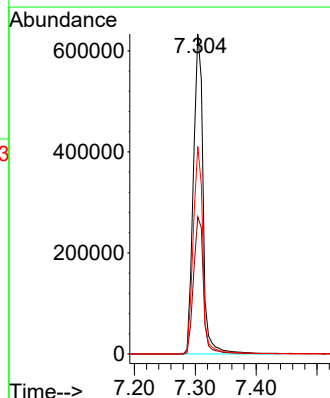
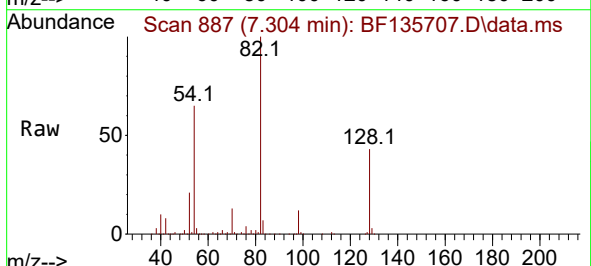
Tgt Ion: 82 Resp: 703628

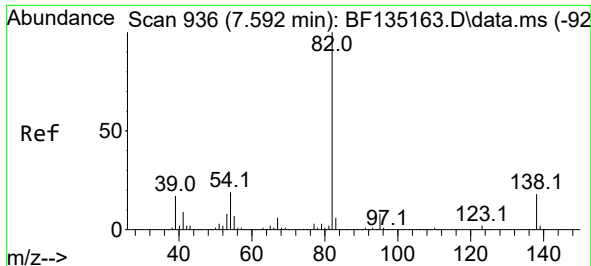
Ion Ratio Lower Upper

82 100

128 42.9 35.8 53.6

54 64.8 50.6 76.0

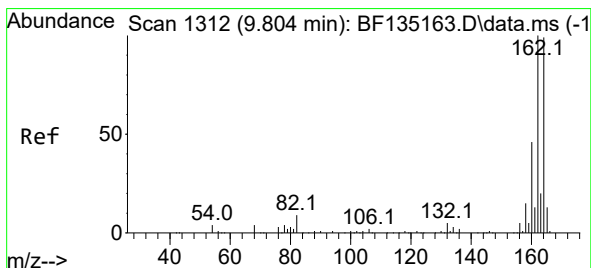
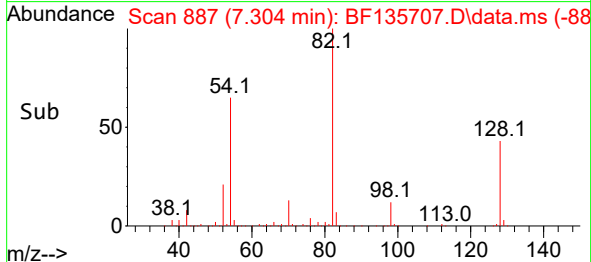
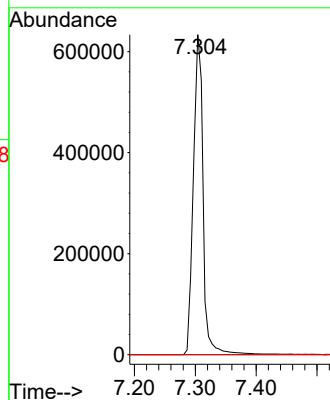
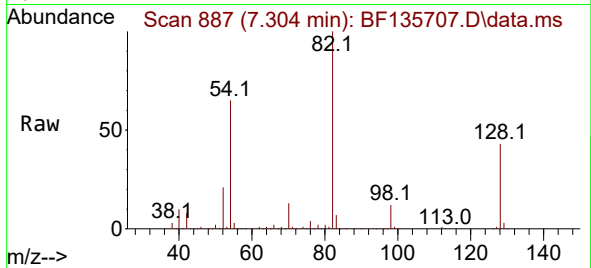




#25
Isophorone
Concen: 54.683 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF135707.D
Acq: 11 Oct 2023 12:03

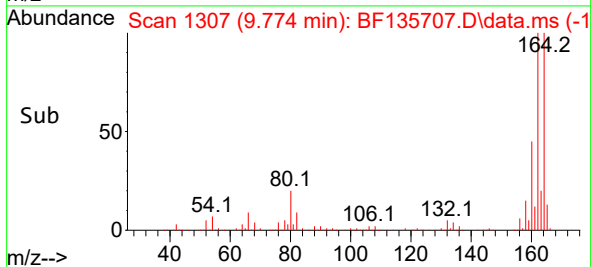
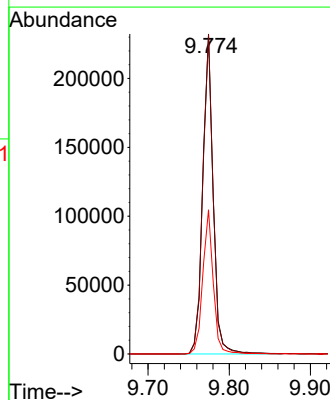
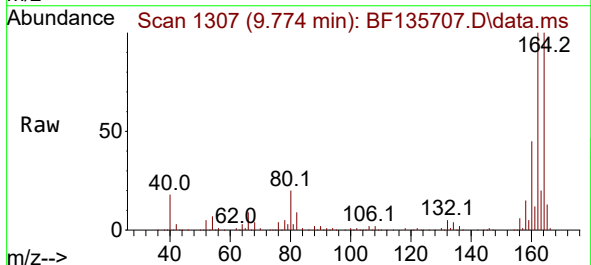
Instrument :
BNA_F
ClientSampleId :
PB156142TB

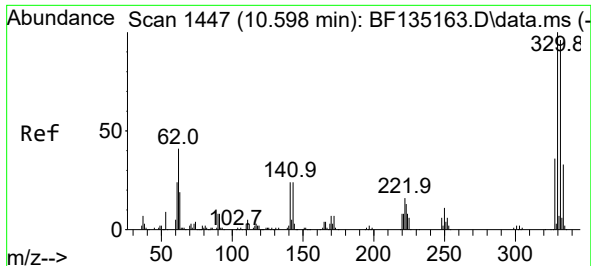
Tgt Ion: 82 Resp: 703628
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF135707.D
Acq: 11 Oct 2023 12:03

Tgt Ion: 164 Resp: 207303
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 45.2 37.0 55.4

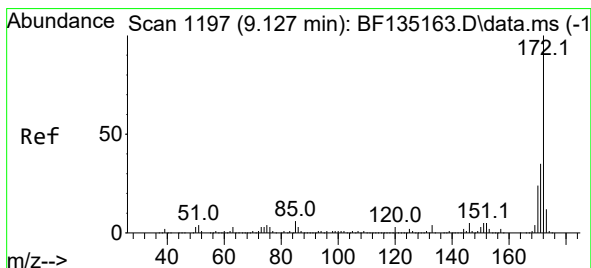
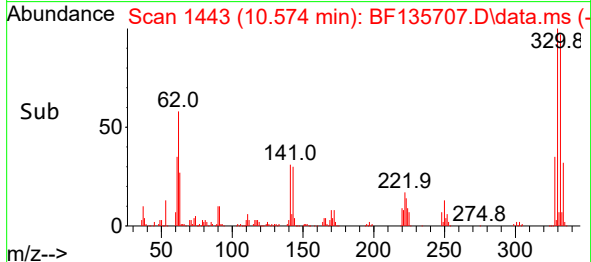
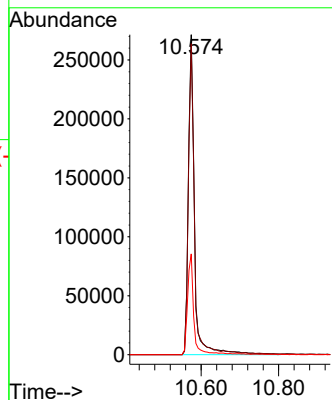
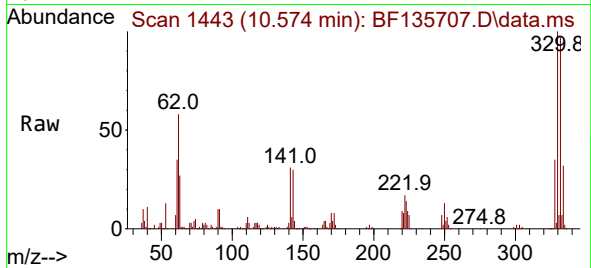




#42
2,4,6-Tribromophenol
Concen: 144.177 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF135707.D
Acq: 11 Oct 2023 12:03

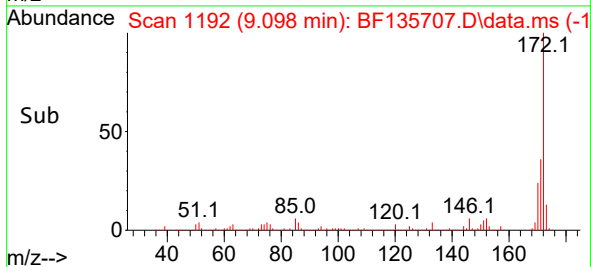
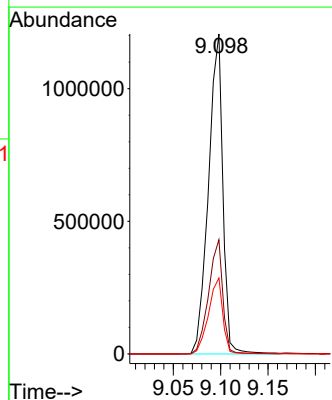
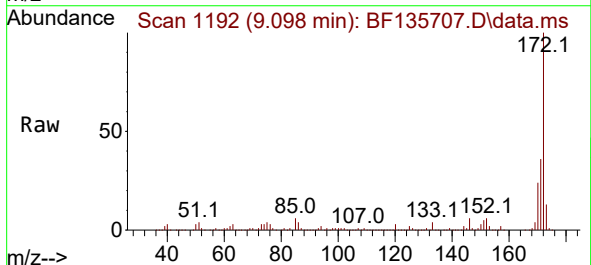
Instrument :
BNA_F
ClientSampleId :
PB156142TB

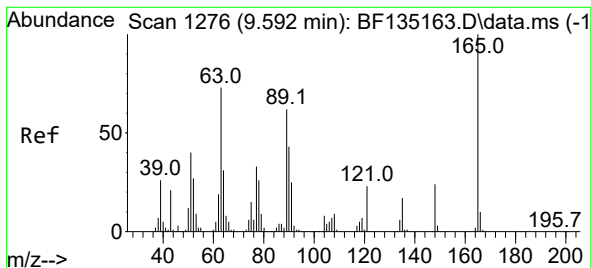
Tgt Ion:330 Resp: 297017
Ion Ratio Lower Upper
330 100
332 92.4 77.3 115.9
141 31.9 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 92.692 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF135707.D
Acq: 11 Oct 2023 12:03

Tgt Ion:172 Resp: 1273613
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.7 19.0 28.4





#51

2,6-Dinitrotoluene

Concen: 8.401 ng

RT: 9.774 min Scan# 1

Delta R.T. 0.194 min

Lab File: BF135707.D

Acq: 11 Oct 2023 12:03

Instrument :

BNA_F

ClientSampleId :

PB156142TB

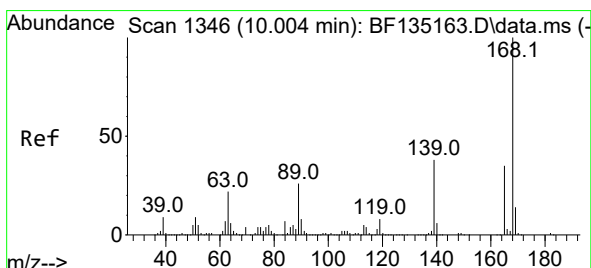
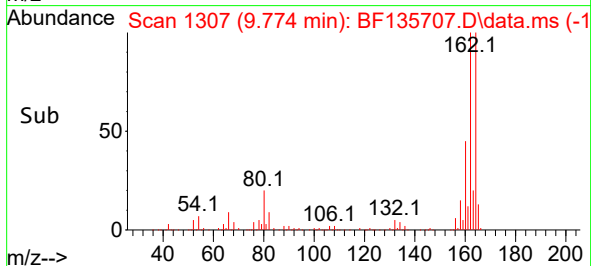
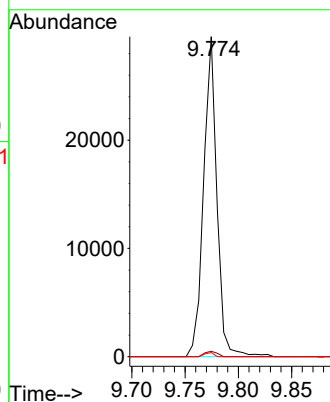
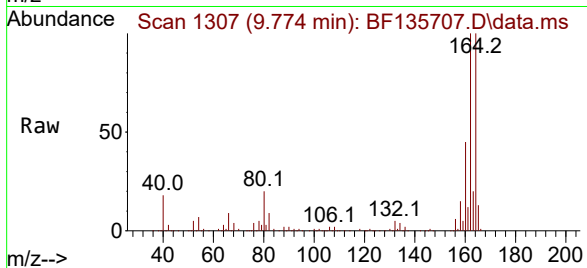
Tgt Ion:165 Resp: 25793

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: 6.710 ng

RT: 9.774 min Scan# 1307

Delta R.T. -0.218 min

Lab File: BF135707.D

Acq: 11 Oct 2023 12:03

Tgt Ion:165 Resp: 25793

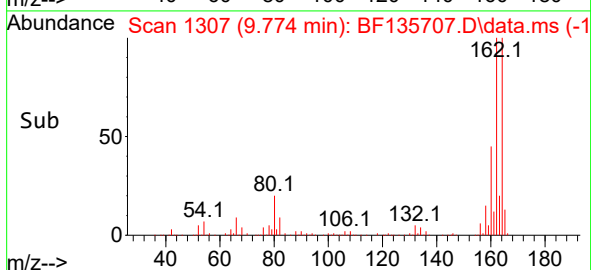
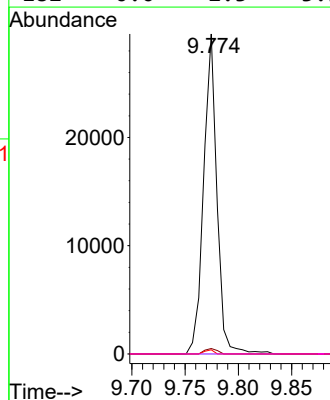
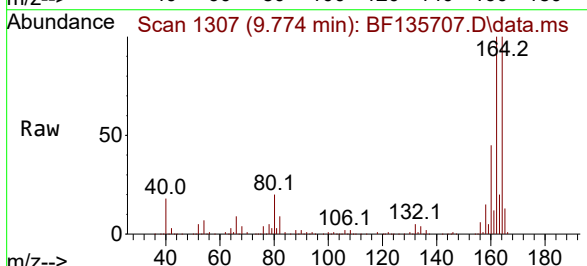
Ion Ratio Lower Upper

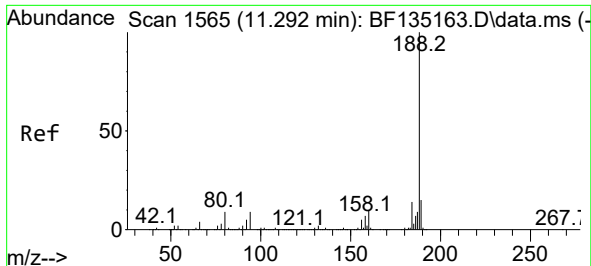
165 100

63 1.7 50.1 75.1#

89 1.3 59.3 88.9#

182 0.0 2.3 3.5#

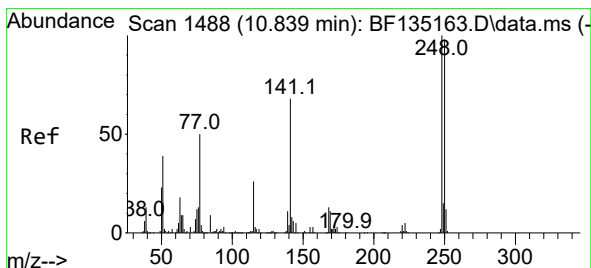
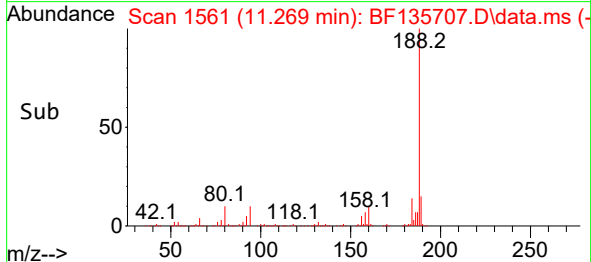
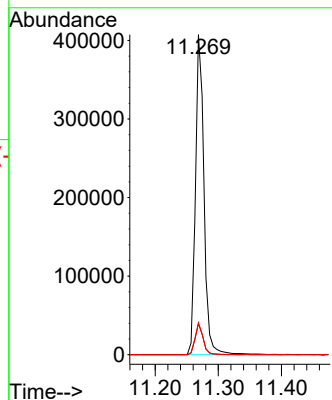
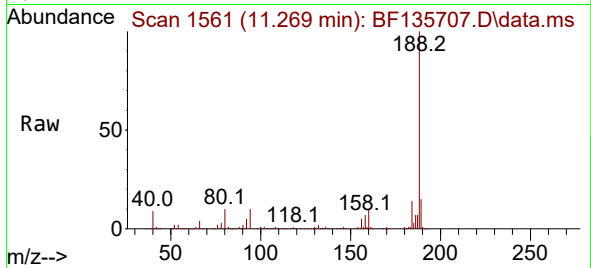




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135707.D
Acq: 11 Oct 2023 12:03

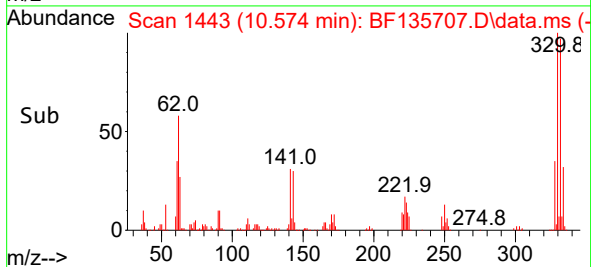
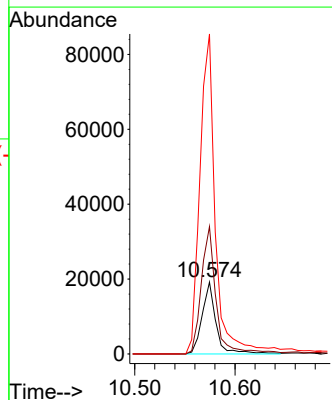
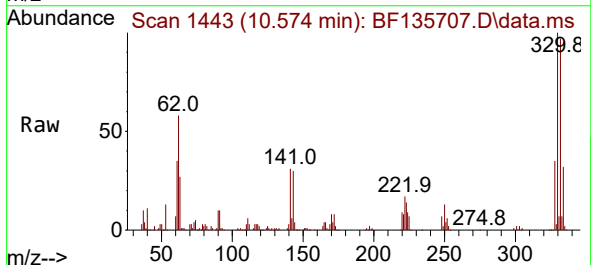
Instrument :
BNA_F
ClientSampleId :
PB156142TB

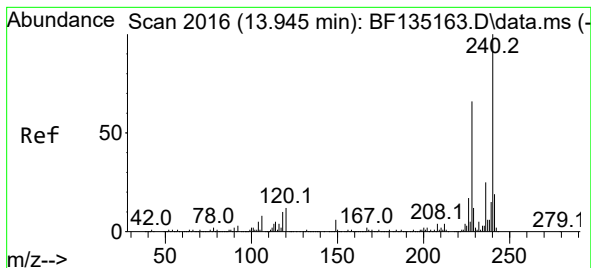
Tgt Ion:188 Resp: 381039
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.916 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF135707.D
Acq: 11 Oct 2023 12:03

Tgt Ion:248 Resp: 18631
Ion Ratio Lower Upper
248 100
250 177.1 78.6 117.8#
141 445.2 54.2 81.2#

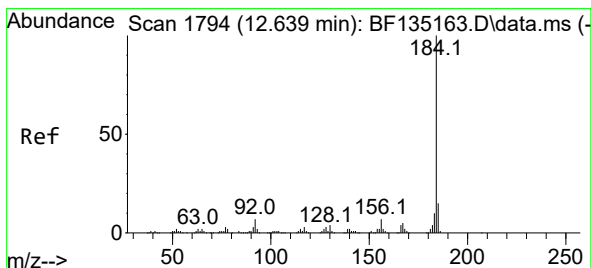
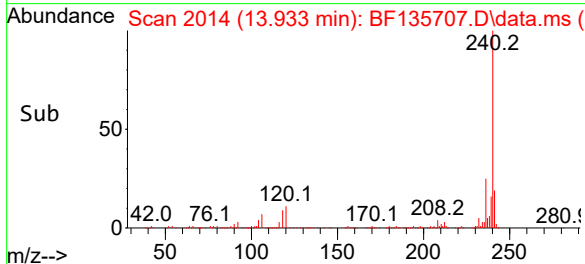
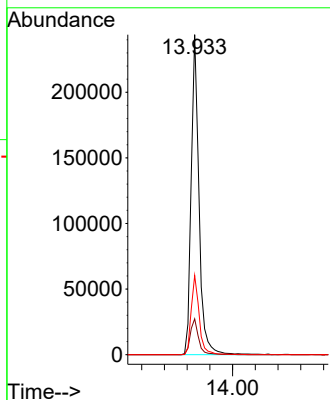
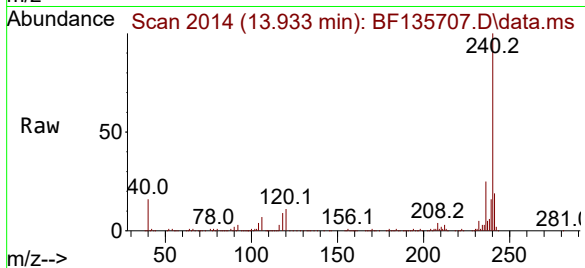




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF135707.D
Acq: 11 Oct 2023 12:03

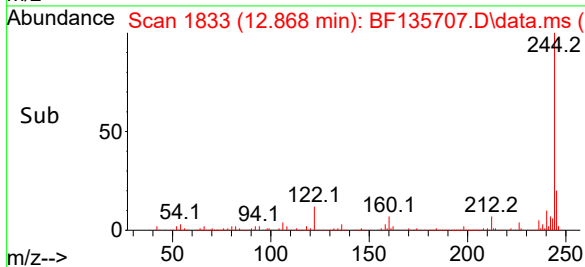
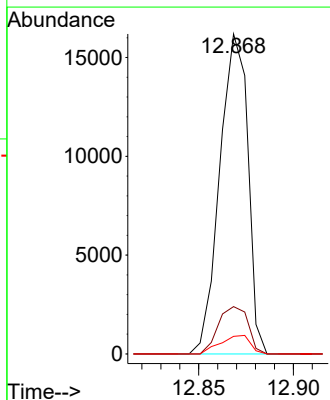
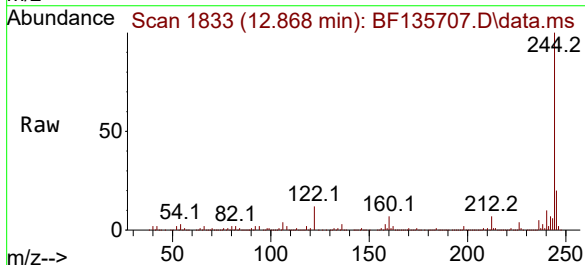
Instrument :
BNA_F
ClientSampleId :
PB156142TB

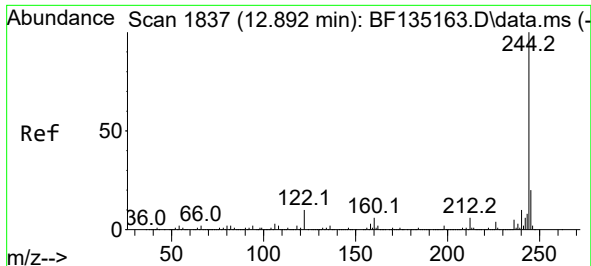
Tgt Ion:240 Resp: 233240
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 24.8 19.8 29.8



#77
Benzidine
Concen: 3.499 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.241 min
Lab File: BF135707.D
Acq: 11 Oct 2023 12:03

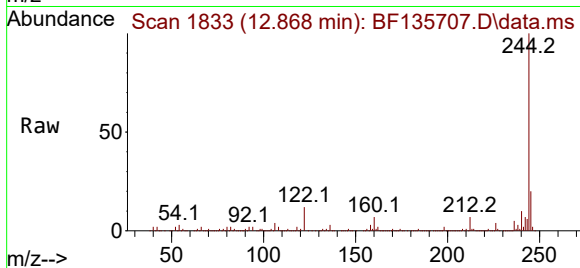
Tgt Ion:184 Resp: 16721
Ion Ratio Lower Upper
184 100
185 14.8 11.7 17.5
183 5.5 8.2 12.4#



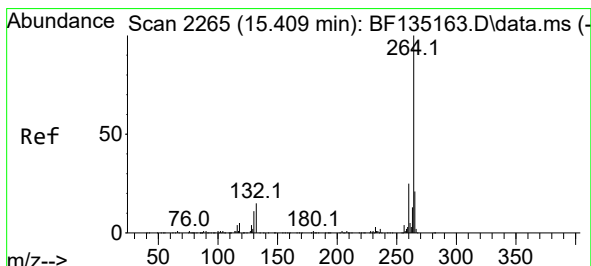
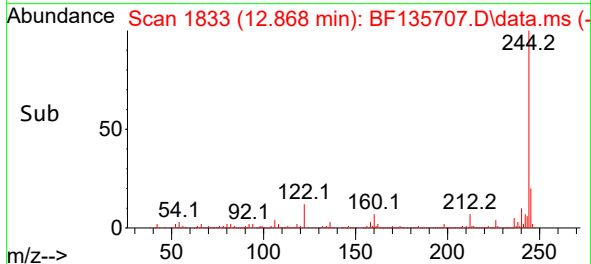
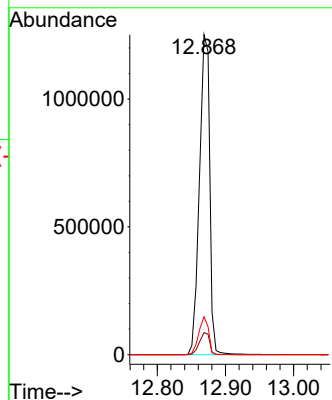


#79
 Terphenyl-d14
 Concen: 87.301 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: BF135707.D
 Acq: 11 Oct 2023 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB156142TB



Tgt Ion:244 Resp: 1313527
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.1 7.7
 122 11.8 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.006 min
 Lab File: BF135707.D
 Acq: 11 Oct 2023 12:03

Tgt Ion:264 Resp: 197027
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.8 29.6
 265 22.3 17.0 25.4

