

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091123\
 Data File : BF135168.D
 Acq On : 11 Sep 2023 18:03
 Operator : CG\JU
 Sample : PB155440BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155440BL

Quant Time: Sep 12 00:38:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

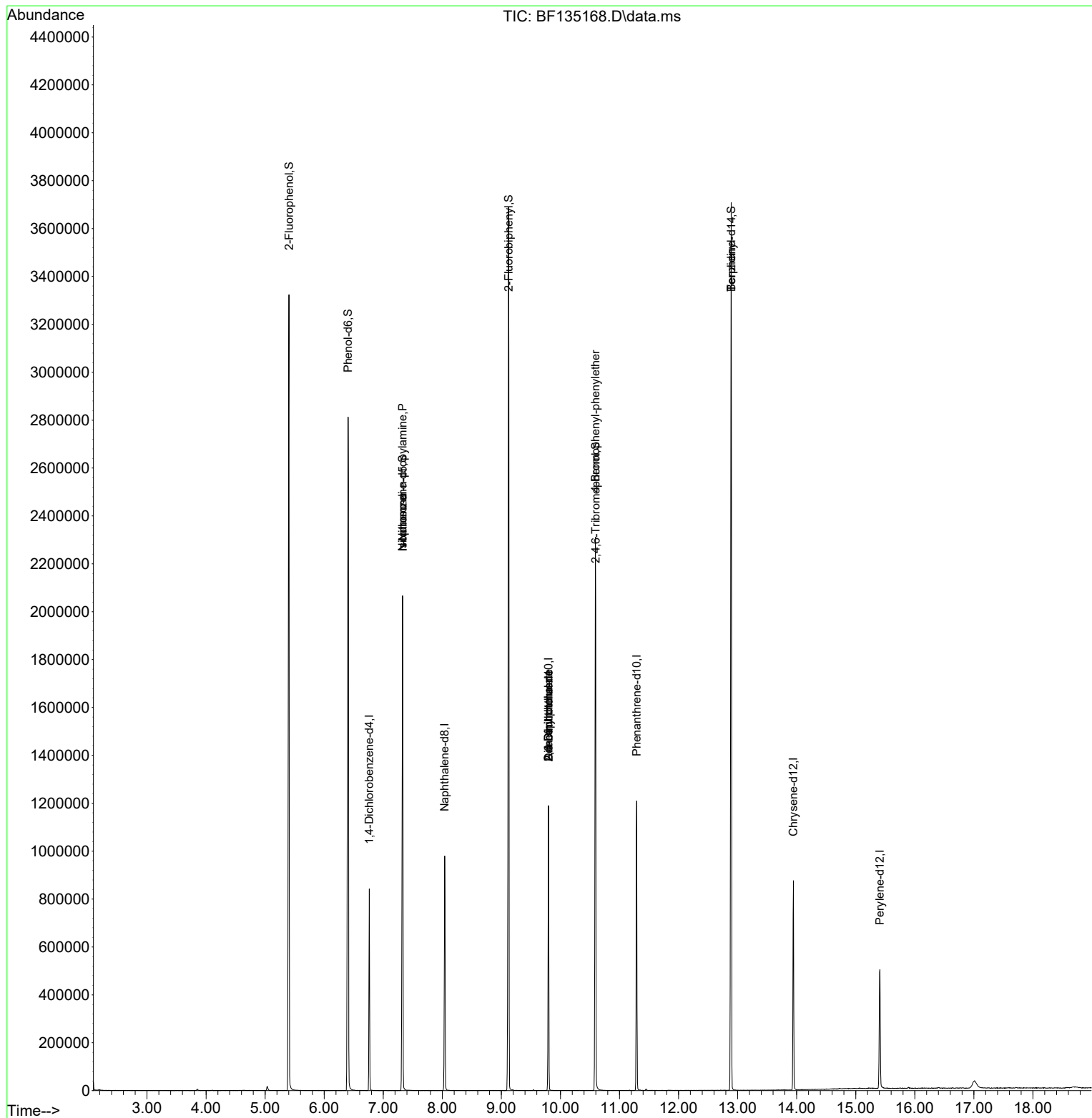
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	111590	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	434622	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	226348	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	446524	20.000	ng	0.00
76) Chrysene-d12	13.945	240	296191	20.000	ng	0.00
86) Perylene-d12	15.409	264	247942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	902545	131.548	ng	0.02
7) Phenol-d6	6.404	99	1157294	132.655	ng	0.00
23) Nitrobenzene-d5	7.328	82	719083	89.888	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	310811	138.178	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1310032	87.320	ng	0.00
79) Terphenyl-d14	12.892	244	1456927	76.252	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.328	70	95698	17.710	ng	# 78
25) Isophorone	7.328	82	716449	48.772	ng	# 65
50) Dimethylphthalate	9.798	163	45174	2.952	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	28835	8.601	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	28835	6.870	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	19999	4.503	ng	# 1
77) Benzidine	12.892	184	18373	3.028	ng	# 90

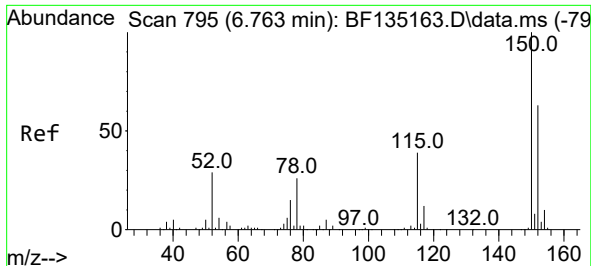
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091123\
Data File : BF135168.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB155440BL

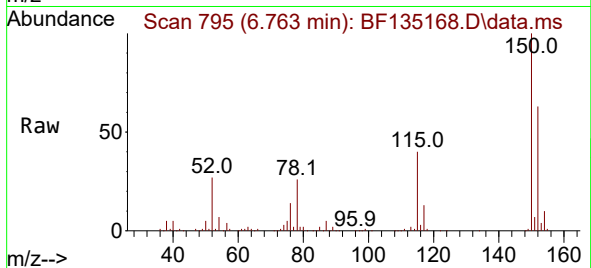
Quant Time: Sep 12 00:38:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
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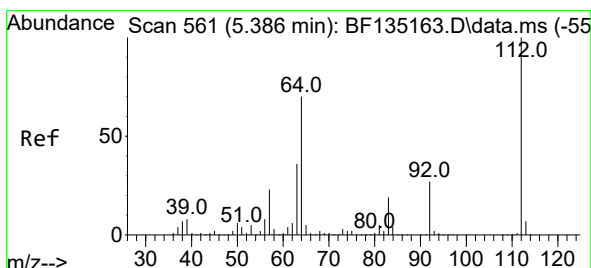
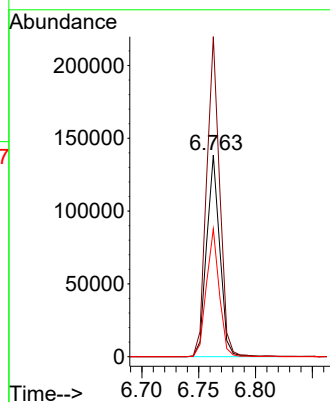
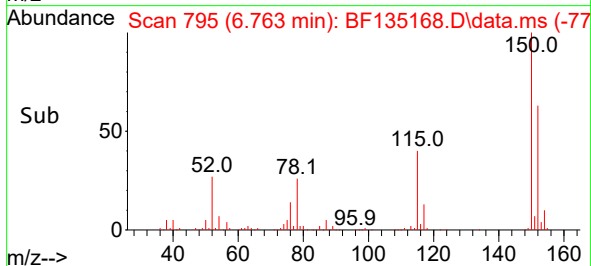


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135168.D
Acq: 11 Sep 2023 18:03

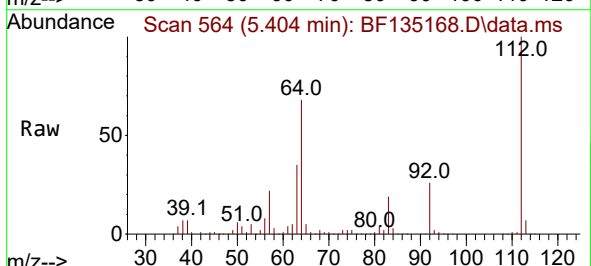
Instrument :
BNA_F
ClientSampleId :
PB155440BL



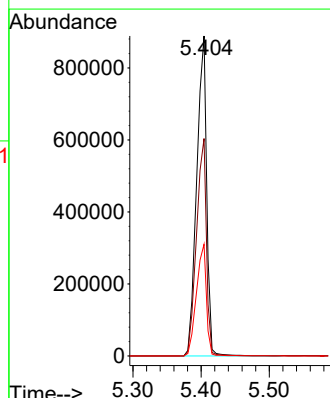
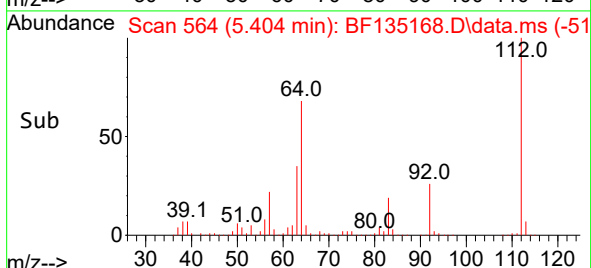
Tgt Ion:152 Resp: 111590
Ion Ratio Lower Upper
152 100
150 158.7 127.8 191.6
115 63.4 49.8 74.8

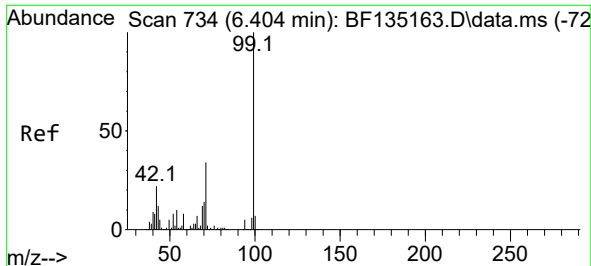


#5
2-Fluorophenol
Concen: 131.548 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF135168.D
Acq: 11 Sep 2023 18:03



Tgt Ion:112 Resp: 902545
Ion Ratio Lower Upper
112 100
64 67.9 55.9 83.9
63 34.9 29.0 43.6

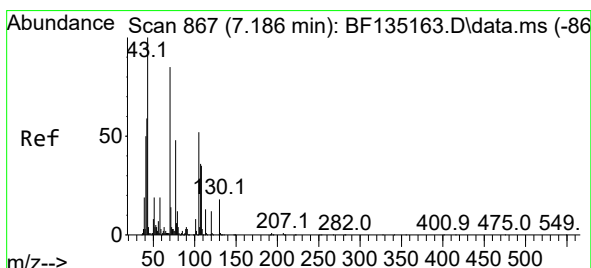
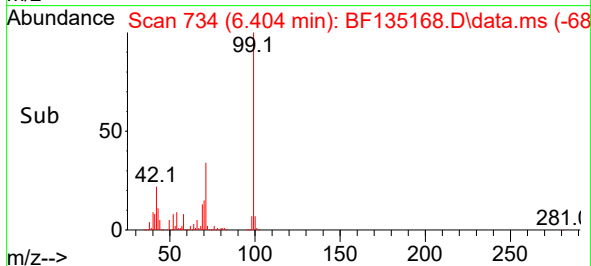
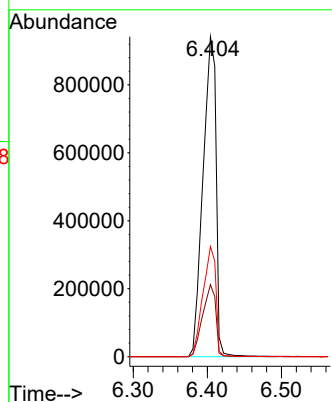
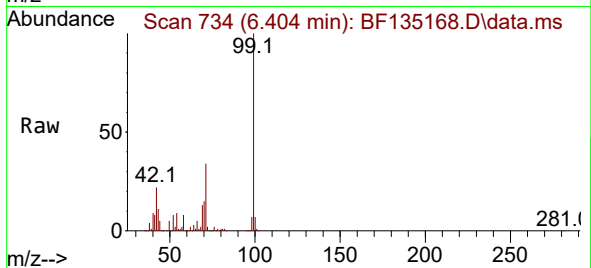




#7
Phenol-d6
Concen: 132.655 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135168.D
Acq: 11 Sep 2023 18:03

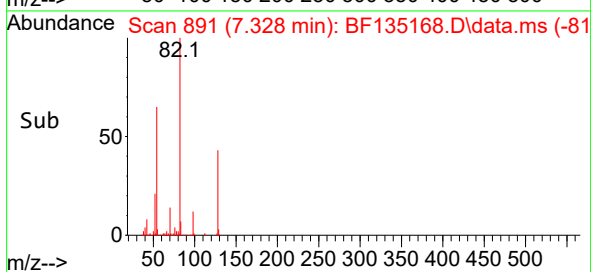
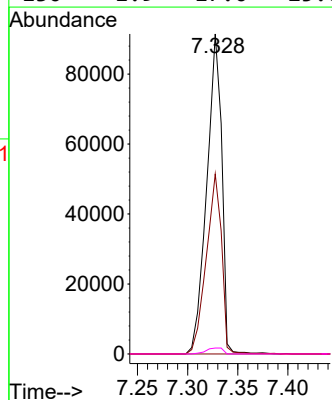
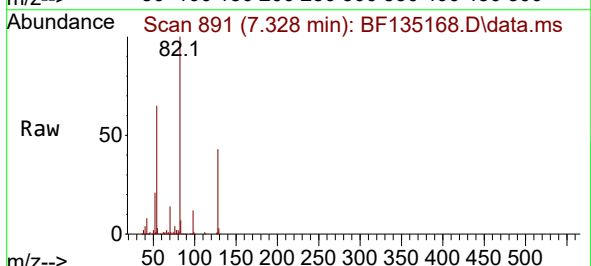
Instrument :
BNA_F
ClientSampleId :
PB155440BL

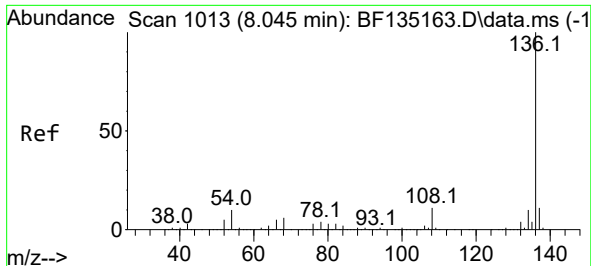
Tgt Ion: 99 Resp: 1157294
Ion Ratio Lower Upper
99 100
42 22.5 17.9 26.9
71 34.4 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.710 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135168.D
Acq: 11 Sep 2023 18:03

Tgt Ion: 70 Resp: 95698
Ion Ratio Lower Upper
70 100
42 56.3 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: 8.039 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF135168.D

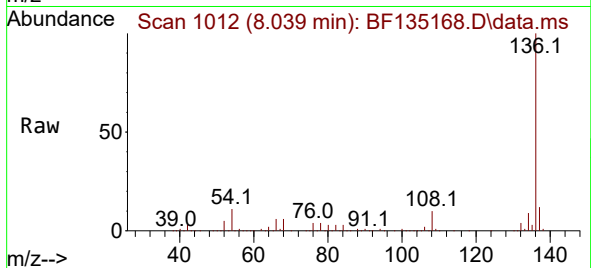
Acq: 11 Sep 2023 18:03

Instrument :

BNA_F

ClientSampleId :

PB155440BL



Tgt Ion:136 Resp: 434622

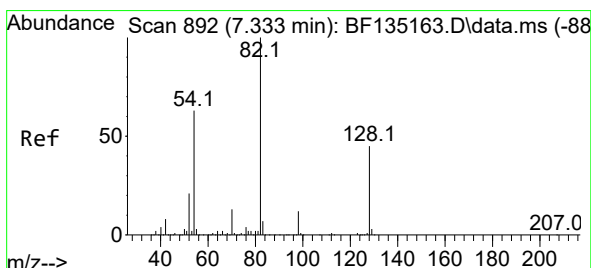
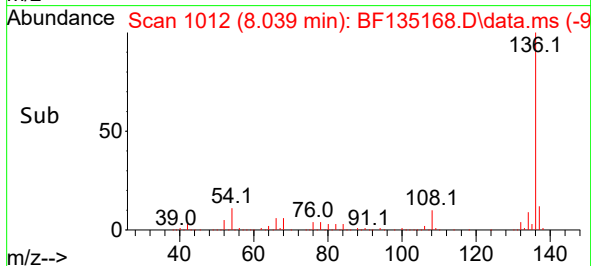
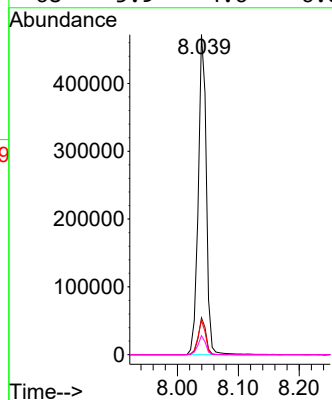
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 10.6 7.7 11.5

68 5.9 4.6 6.8



#23

Nitrobenzene-d5

Concen: 89.888 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135168.D

Acq: 11 Sep 2023 18:03

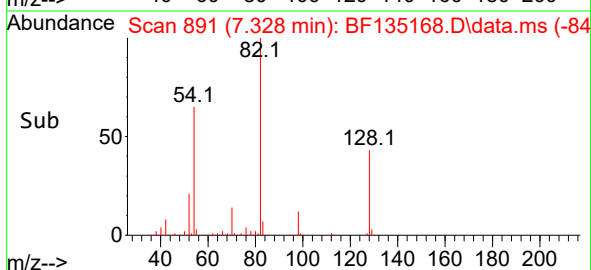
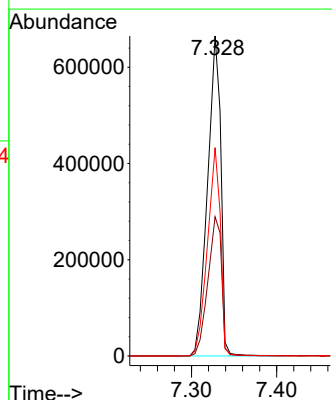
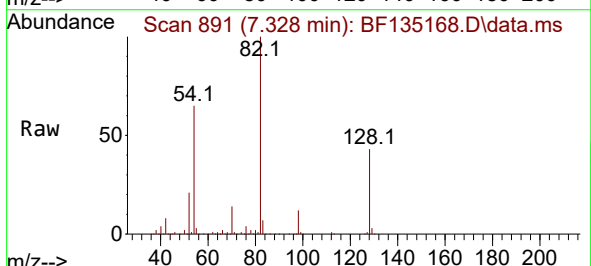
Tgt Ion: 82 Resp: 719083

Ion Ratio Lower Upper

82 100

128 43.5 35.8 53.6

54 65.1 50.6 76.0

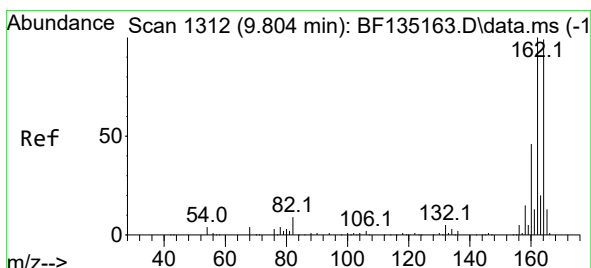
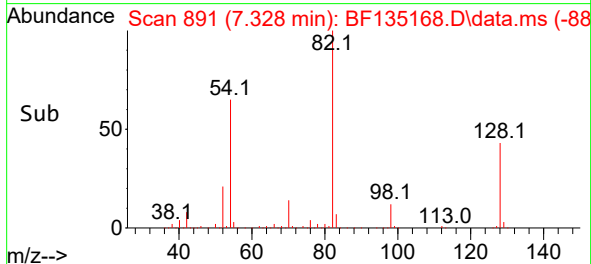
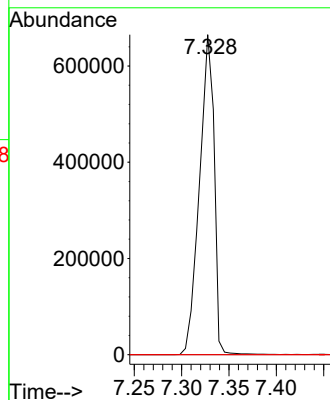
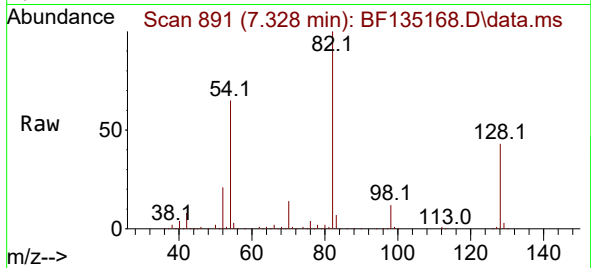




#25
Isophorone
Concen: 48.772 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF135168.D
Acq: 11 Sep 2023 18:03

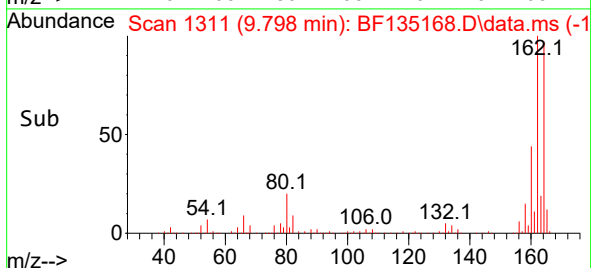
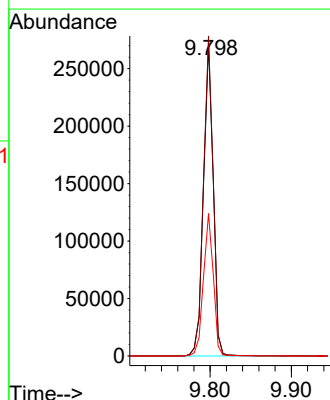
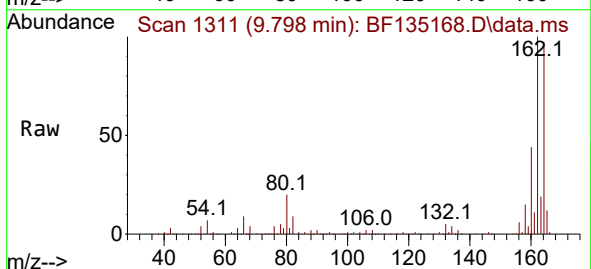
Instrument :
BNA_F
ClientSampleId :
PB155440BL

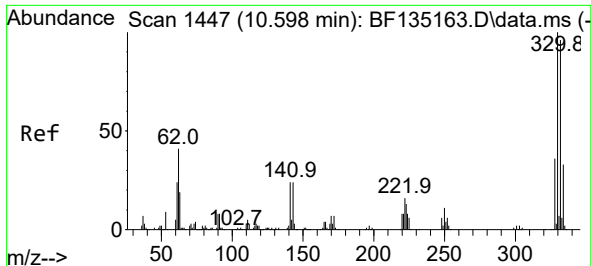
Tgt Ion: 82 Resp: 716449
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135168.D
Acq: 11 Sep 2023 18:03

Tgt Ion:164 Resp: 226348
Ion Ratio Lower Upper
164 100
162 102.8 81.0 121.4
160 45.8 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 138.178 ng

RT: 10.598 min Scan# 1447

Delta R.T. 0.000 min

Lab File: BF135168.D

Acq: 11 Sep 2023 18:03

Instrument :

BNA_F

ClientSampleId :

PB155440BL

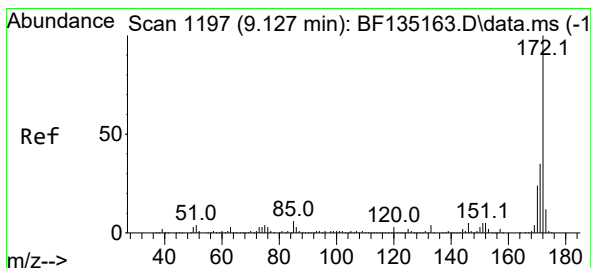
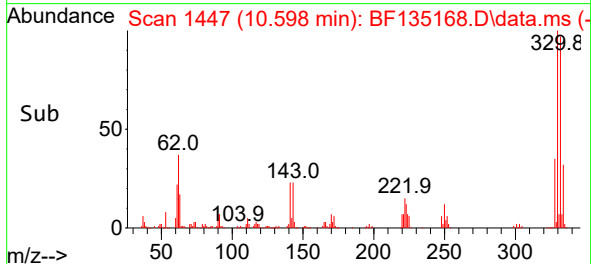
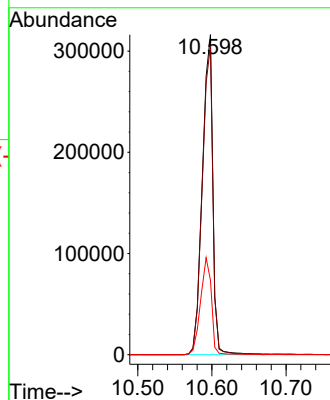
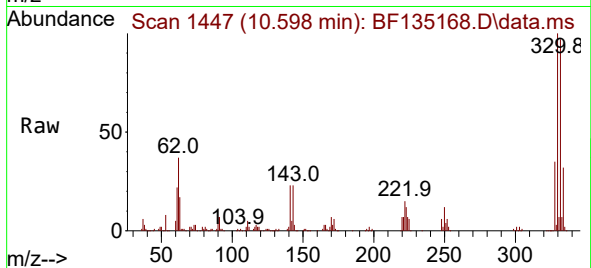
Tgt Ion:330 Resp: 310811

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 31.3 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 87.320 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135168.D

Acq: 11 Sep 2023 18:03

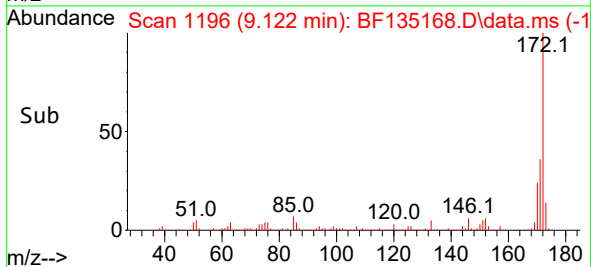
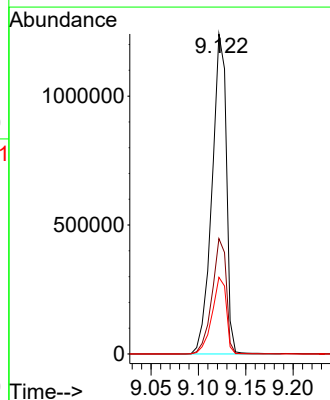
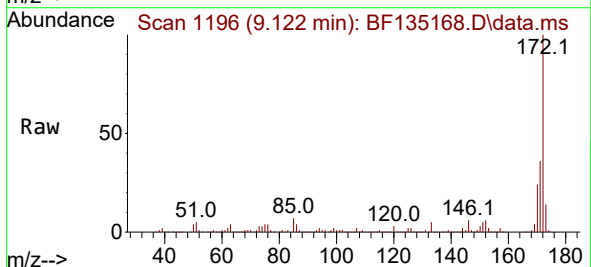
Tgt Ion:172 Resp: 1310032

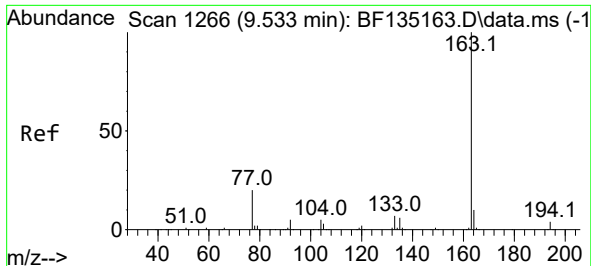
Ion Ratio Lower Upper

172 100

171 36.0 28.4 42.6

170 23.9 19.0 28.4

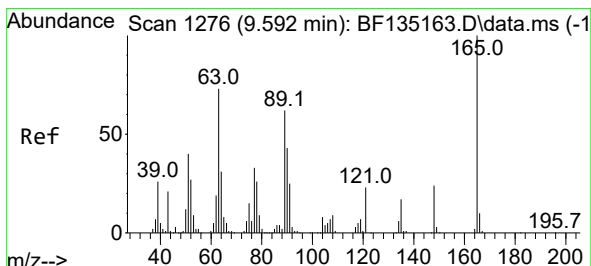
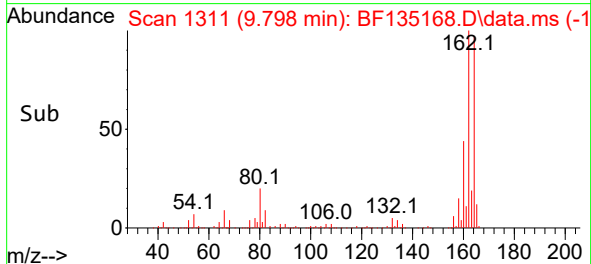
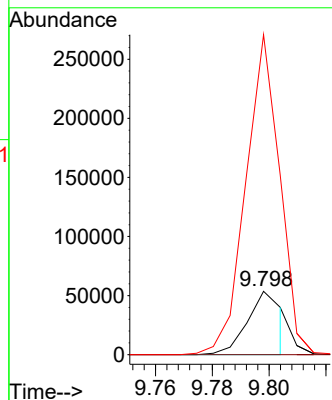
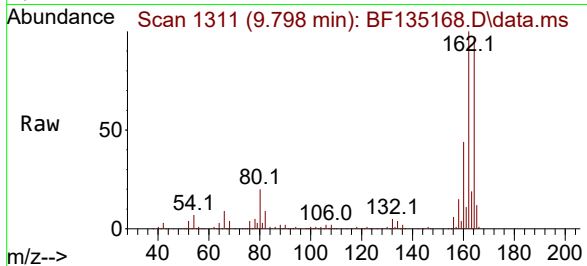




#50
 Dimethylphthalate
 Concen: 2.952 ng
 RT: 9.798 min Scan# 1311
 Delta R.T. 0.265 min
 Lab File: BF135168.D
 Acq: 11 Sep 2023 18:03

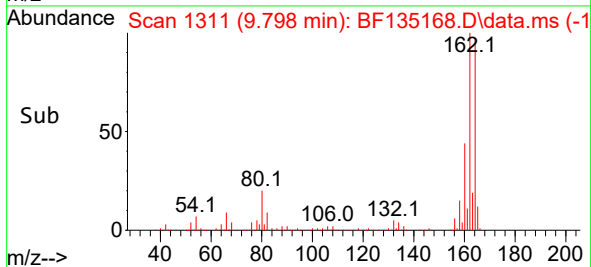
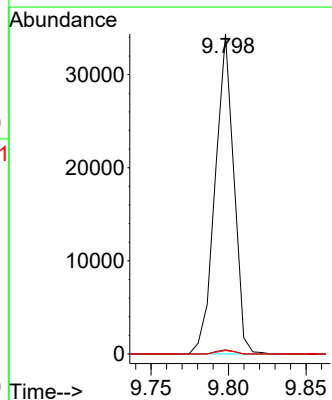
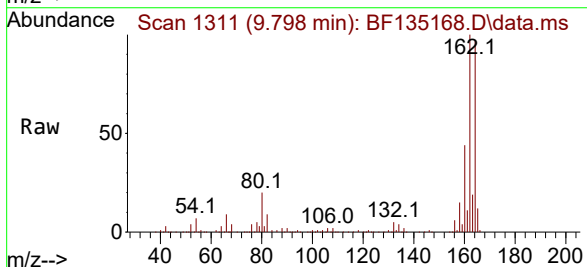
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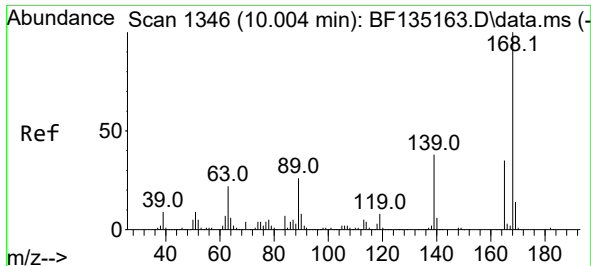
Tgt Ion:163 Resp: 45174
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.1 4.7#
 164 505.0 8.1 12.1#



#51
 2,6-Dinitrotoluene
 Concen: 8.601 ng
 RT: 9.798 min Scan# 1311
 Delta R.T. 0.206 min
 Lab File: BF135168.D
 Acq: 11 Sep 2023 18:03

Tgt Ion:165 Resp: 28835
 Ion Ratio Lower Upper
 165 100
 63 1.3 59.4 89.2#
 89 1.1 49.8 74.8#

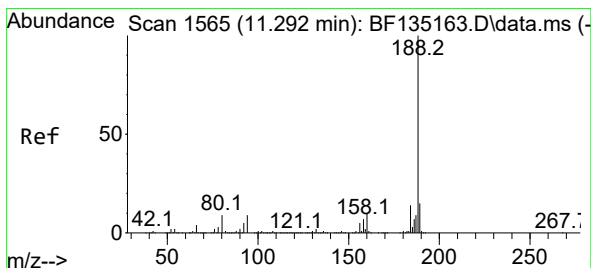
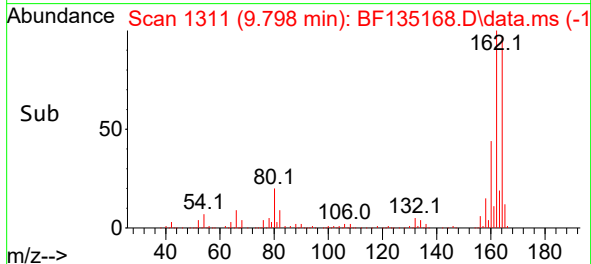
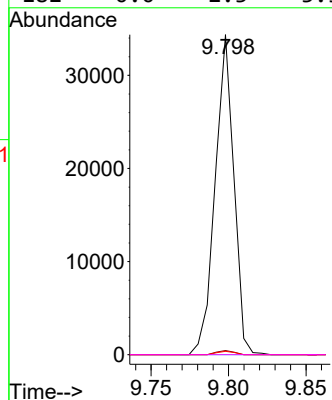
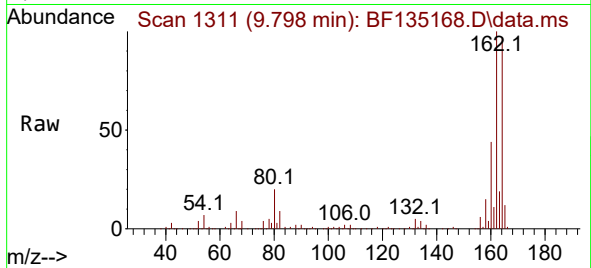




#57
2,4-Dinitrotoluene
Concen: 6.870 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135168.D
Acq: 11 Sep 2023 18:03

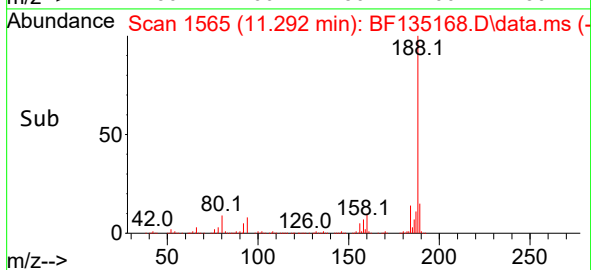
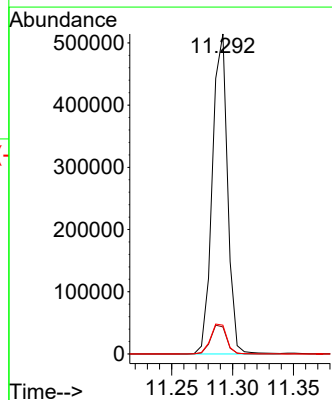
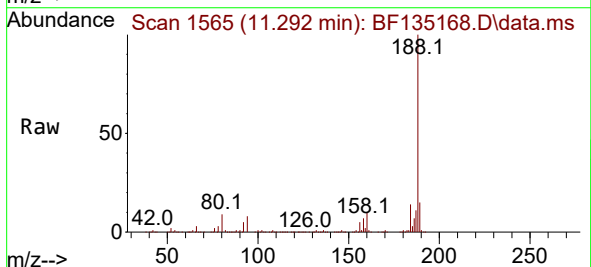
Instrument :
BNA_F
ClientSampleId :
PB155440BL

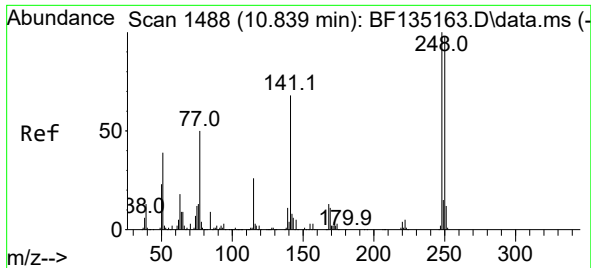
Tgt Ion:165 Resp: 28835
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.1 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF135168.D
Acq: 11 Sep 2023 18:03

Tgt Ion:188 Resp: 446524
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.0 7.5 11.3

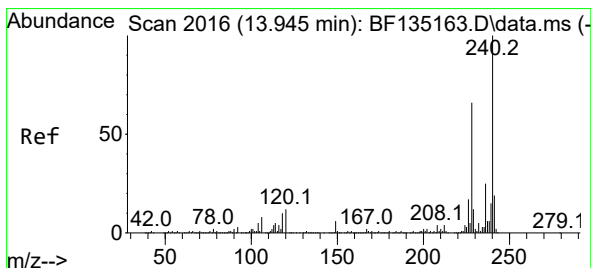
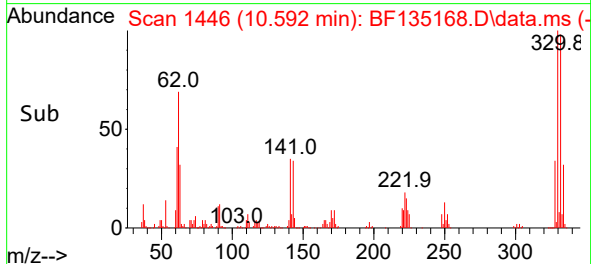
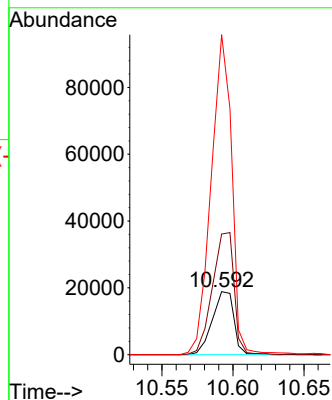
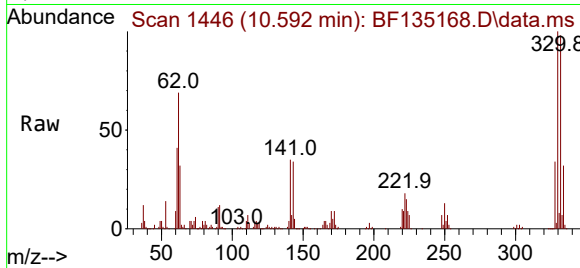




#67
4-Bromophenyl-phenylether
Concen: 4.503 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135168.D
Acq: 11 Sep 2023 18:03

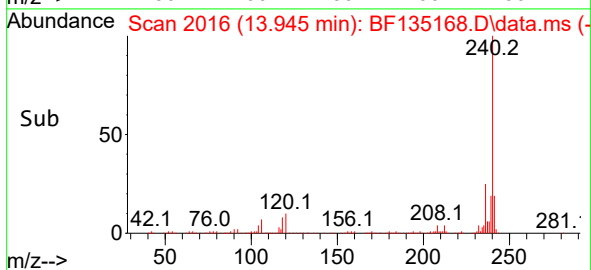
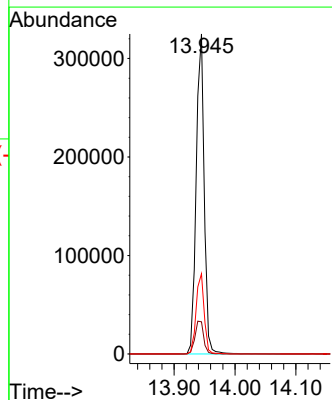
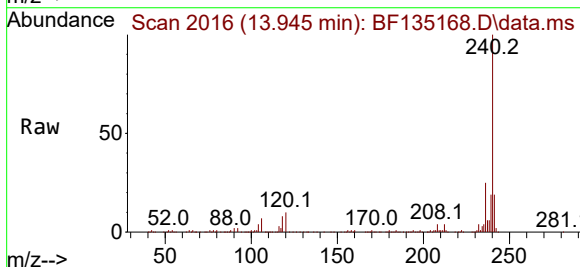
Instrument :
BNA_F
ClientSampleId :
PB155440BL

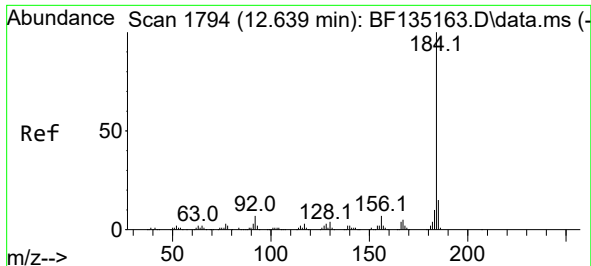
Tgt Ion:248 Resp: 19999
Ion Ratio Lower Upper
248 100
250 191.4 78.6 117.8#
141 507.3 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135168.D
Acq: 11 Sep 2023 18:03

Tgt Ion:240 Resp: 296191
Ion Ratio Lower Upper
240 100
120 10.0 9.4 14.2
236 25.0 19.8 29.8

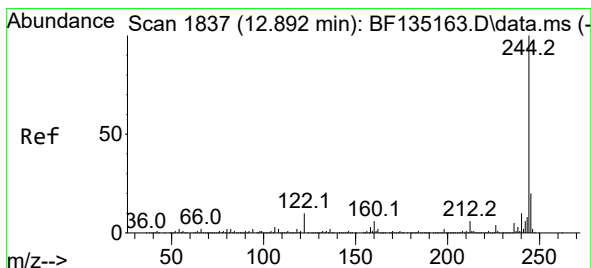
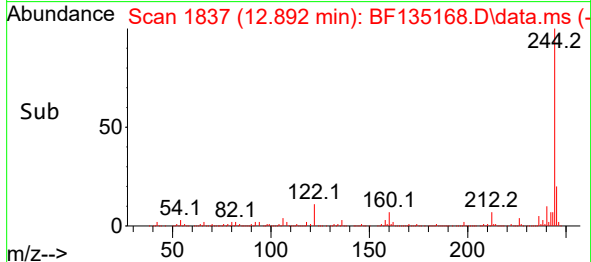
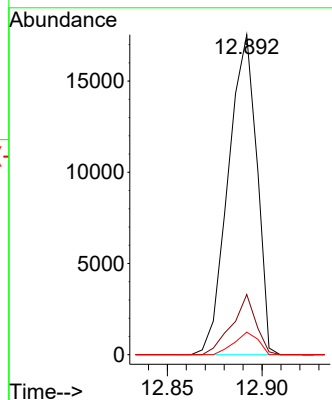
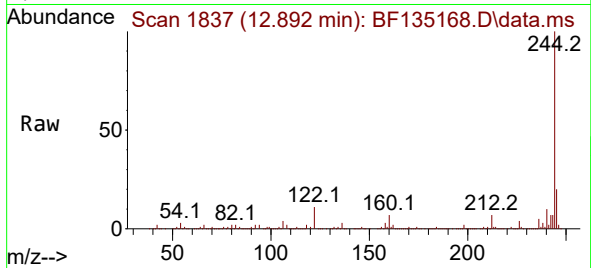




#77
Benzidine
Concen: 3.028 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF135168.D
Acq: 11 Sep 2023 18:03

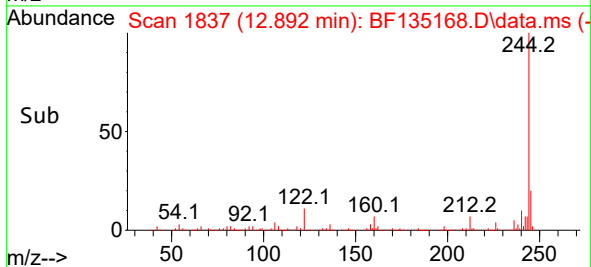
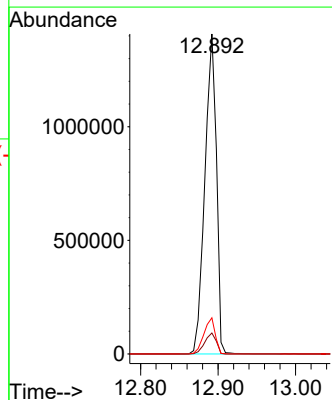
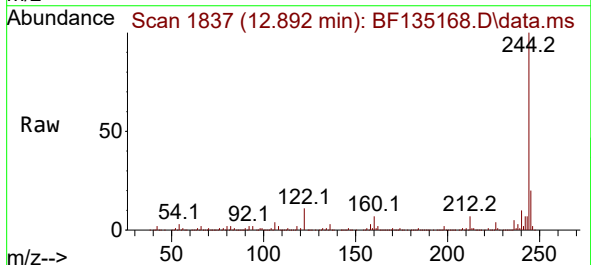
Instrument :
BNA_F
ClientSampleId :
PB155440BL

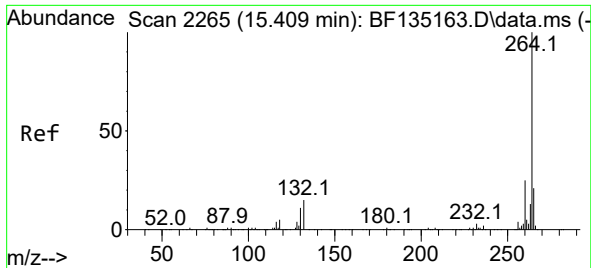
Tgt Ion:184 Resp: 18373
Ion Ratio Lower Upper
184 100
185 18.8 11.7 17.5#
183 7.1 8.2 12.4#



#79
Terphenyl-d14
Concen: 76.252 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF135168.D
Acq: 11 Sep 2023 18:03

Tgt Ion:244 Resp: 1456927
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 11.3 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135168.D
Acq: 11 Sep 2023 18:03

Instrument :
BNA_F
ClientSampleId :
PB155440BL

Tgt Ion:264 Resp: 247942
Ion Ratio Lower Upper
264 100
260 22.6 19.8 29.6
265 21.1 17.0 25.4

