

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135068.D
 Acq On : 01 Sep 2023 10:47
 Operator : CG\JU
 Sample : PB155248BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155248BL

Quant Time: Sep 01 19:57:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

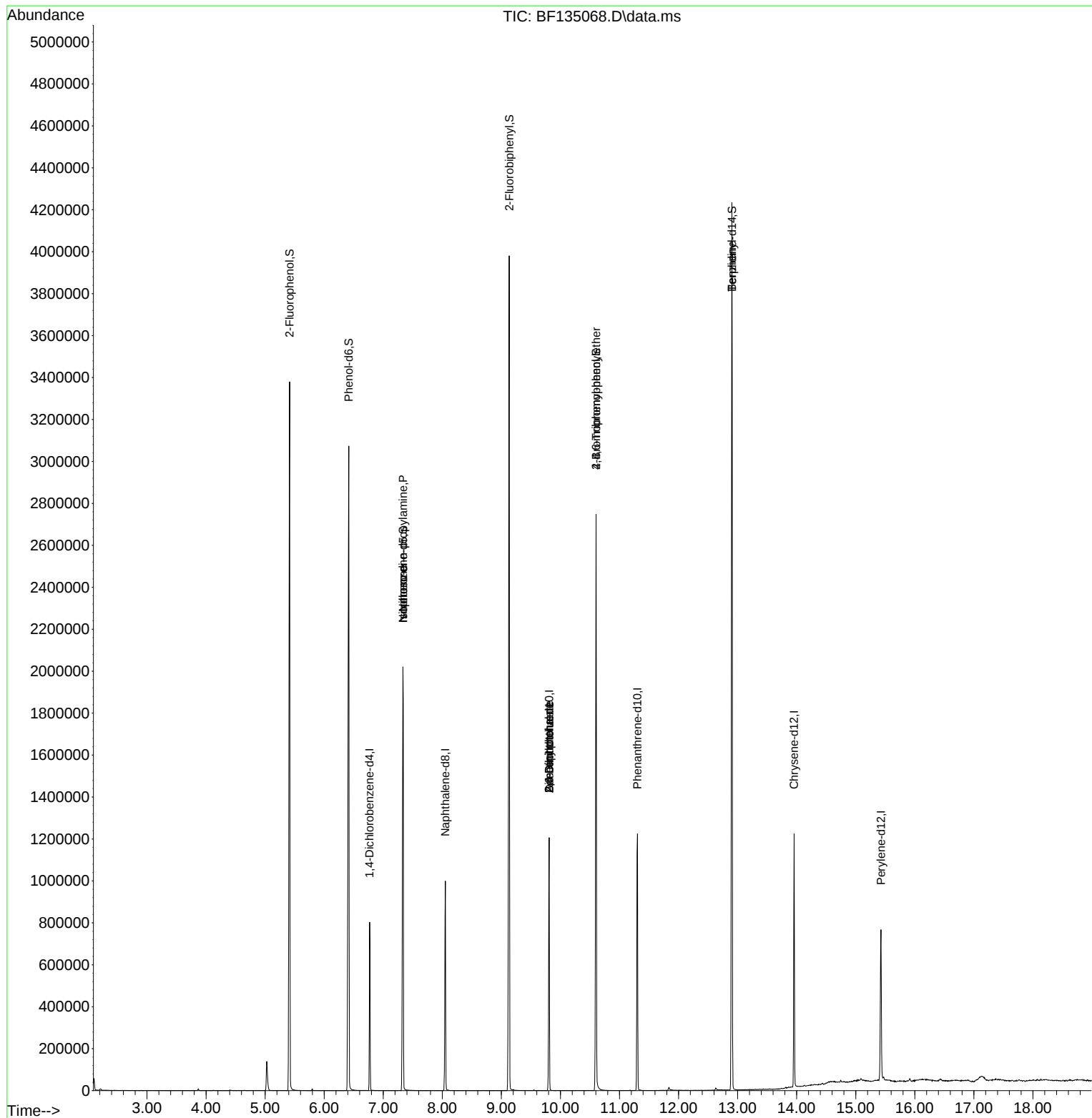
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	114050	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	472445	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	242459	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	461973	20.000	ng	0.00
76) Chrysene-d12	13.957	240	379050	20.000	ng	0.00
86) Perylene-d12	15.427	264	333884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	983475	133.195	ng	0.02
7) Phenol-d6	6.416	99	1192139	129.534	ng	0.00
23) Nitrobenzene-d5	7.334	82	768949	91.439	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	362521	140.950	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1377149	92.475	ng	0.00
79) Terphenyl-d14	12.904	244	1680888	72.366	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	103882	19.003	ng	# 76
25) Isophorone	7.334	82	767142	48.115	ng	# 65
50) Dimethylphthalate	9.810	163	50095	2.951	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	31489	8.453	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	31489	6.783	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	22232	4.537	ng	# 1
77) Benzidine	12.904	184	20478	2.997	ng	# 91

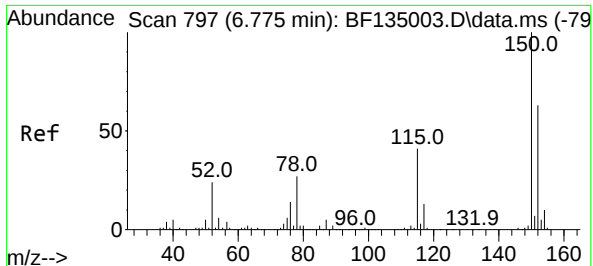
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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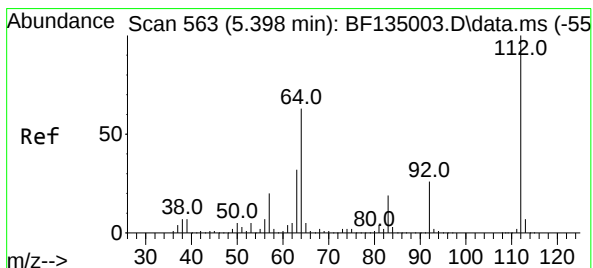
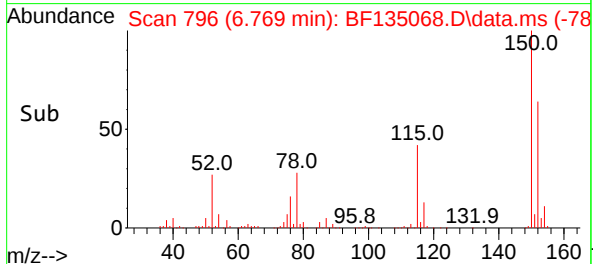
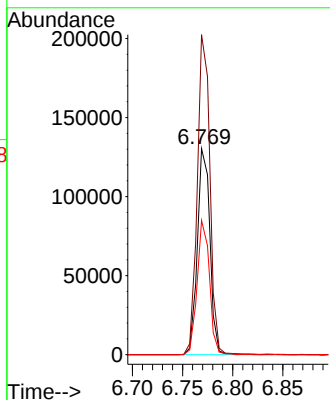
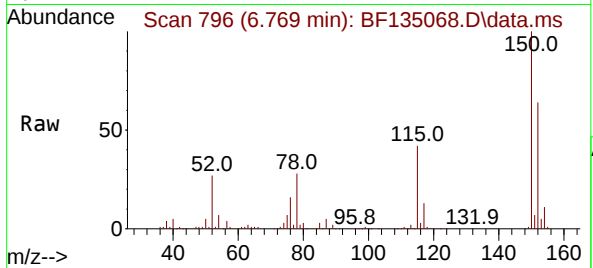




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135068.D
Acq: 01 Sep 2023 10:47

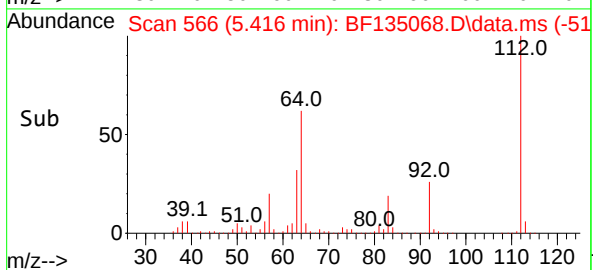
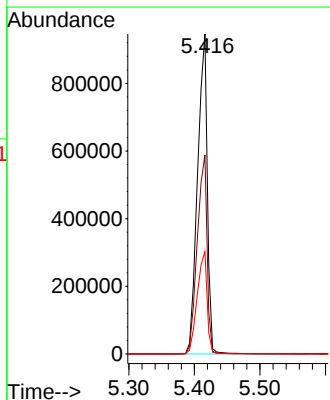
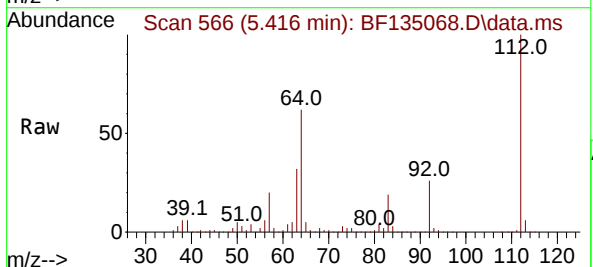
Instrument :
BNA_F
ClientSampleId :
PB155248BL

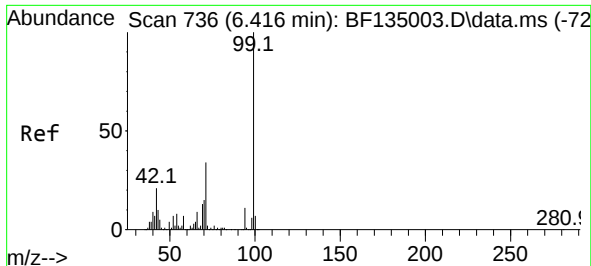
Tgt Ion:152 Resp: 114050
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.4
115 65.1 51.2 76.8



#5
2-Fluorophenol
Concen: 133.195 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF135068.D
Acq: 01 Sep 2023 10:47

Tgt Ion:112 Resp: 983475
Ion Ratio Lower Upper
112 100
64 62.1 50.5 75.7
63 32.0 25.9 38.9

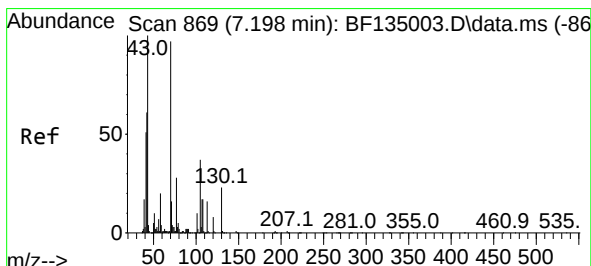
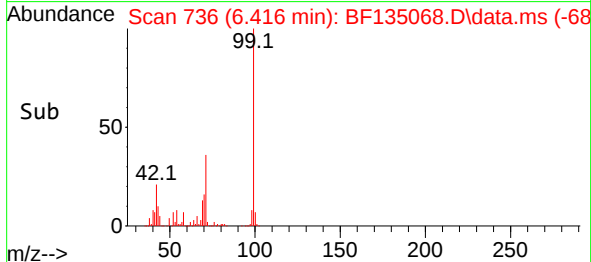
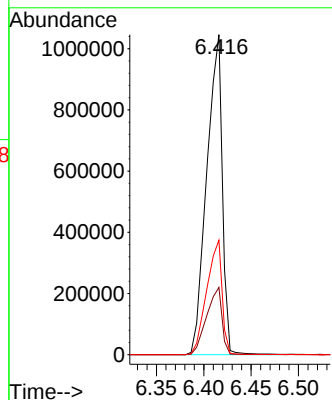
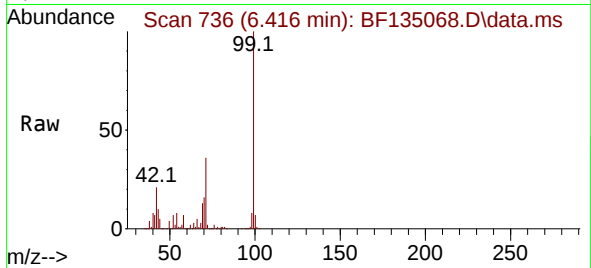




#7
Phenol-d6
Concen: 129.534 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF135068.D
Acq: 01 Sep 2023 10:47

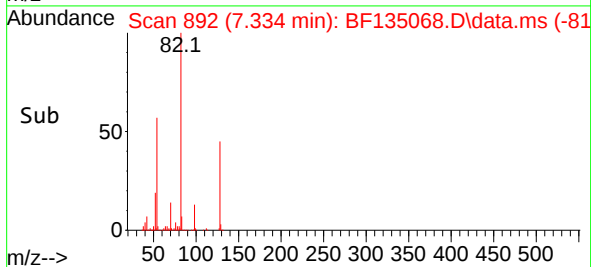
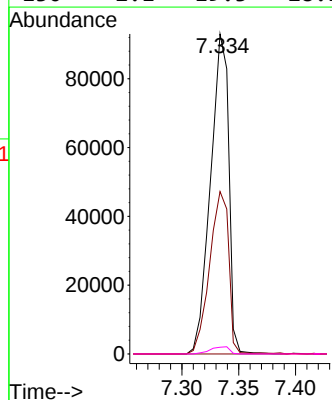
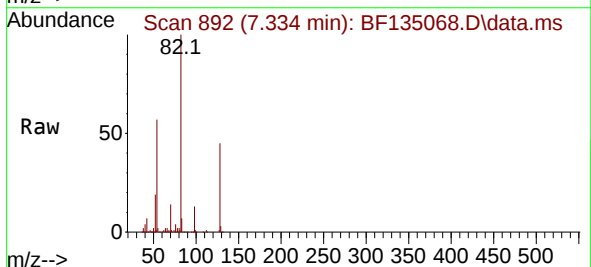
Instrument :
BNA_F
ClientSampleId :
PB155248BL

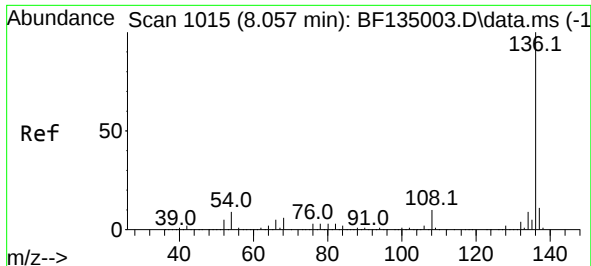
Tgt Ion: 99 Resp: 1192139
Ion Ratio Lower Upper
99 100
42 21.0 16.6 25.0
71 35.8 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.003 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135068.D
Acq: 01 Sep 2023 10:47

Tgt Ion: 70 Resp: 103882
Ion Ratio Lower Upper
70 100
42 50.7 50.2 75.4
101 0.0 8.1 12.1#
130 2.1 19.3 28.9#

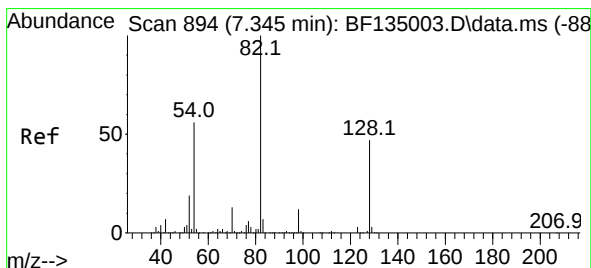
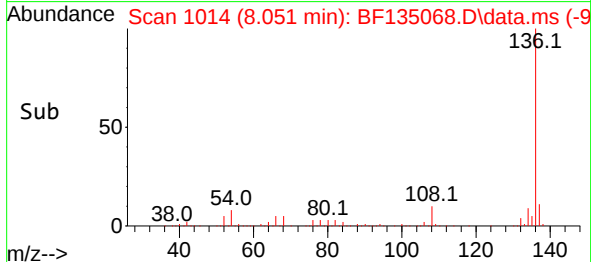
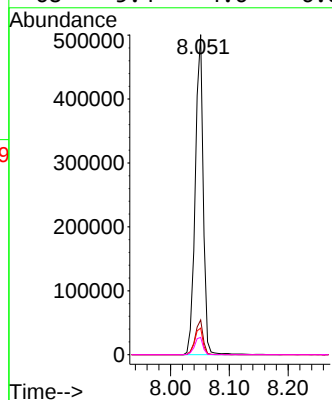
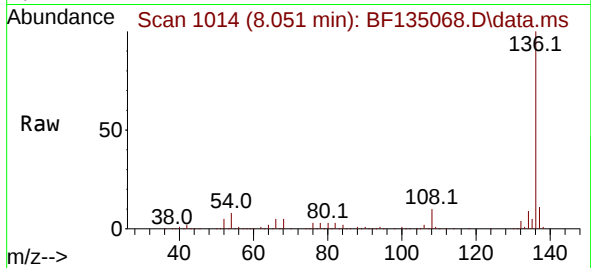




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135068.D
Acq: 01 Sep 2023 10:47

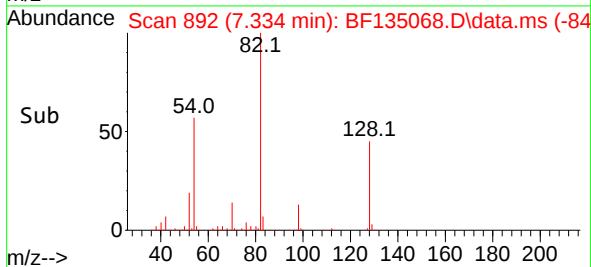
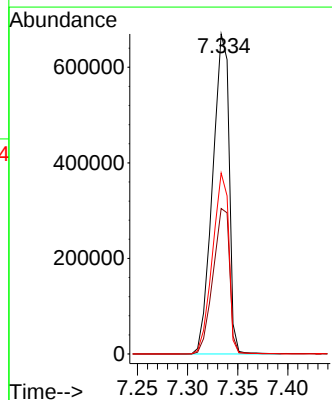
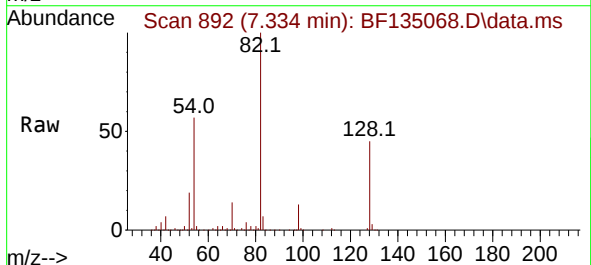
Instrument :
BNA_F
ClientSampleId :
PB155248BL

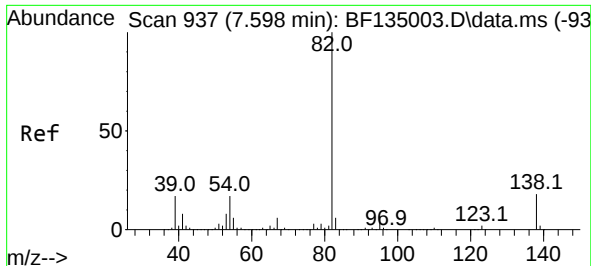
Tgt Ion:136 Resp: 472445
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.3 7.0 10.4
68 5.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 91.439 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135068.D
Acq: 01 Sep 2023 10:47

Tgt Ion: 82 Resp: 768949
Ion Ratio Lower Upper
82 100
128 45.5 37.8 56.8
54 56.5 45.0 67.6

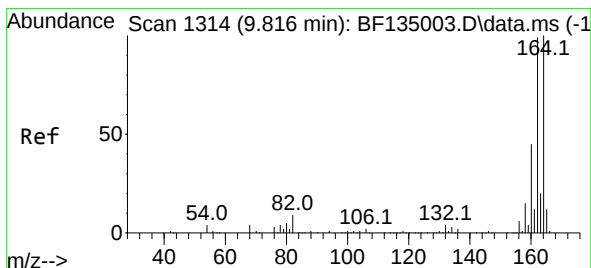
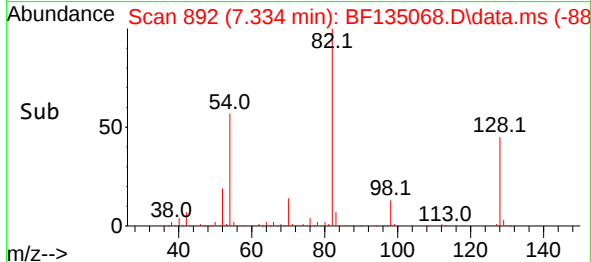
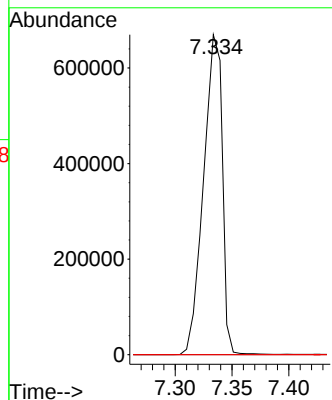
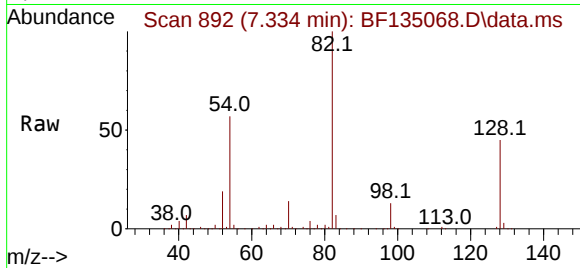




#25
Isophorone
Concen: 48.115 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135068.D
Acq: 01 Sep 2023 10:47

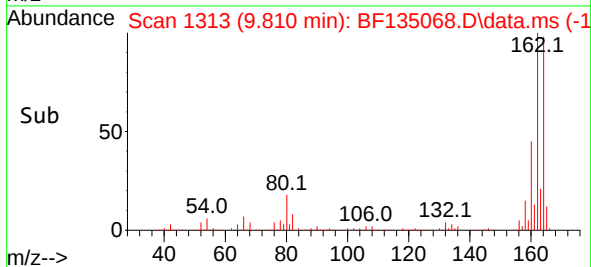
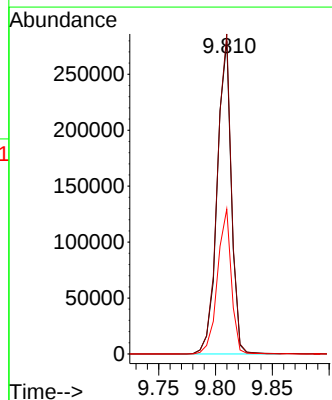
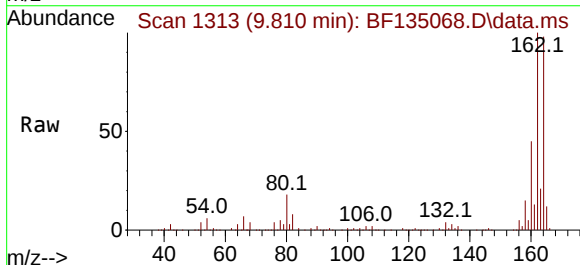
Instrument :
BNA_F
ClientSampleId :
PB155248BL

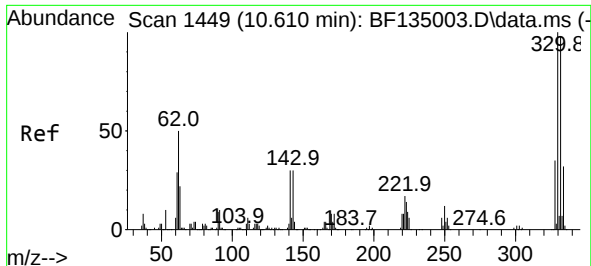
Tgt Ion: 82 Resp: 767142
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135068.D
Acq: 01 Sep 2023 10:47

Tgt Ion:164 Resp: 242459
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 46.3 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 140.950 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135068.D

Acq: 01 Sep 2023 10:47

Instrument :

BNA_F

ClientSampleId :

PB155248BL

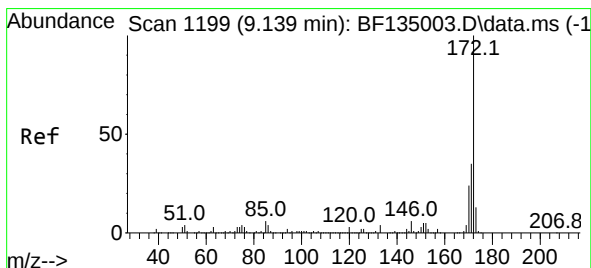
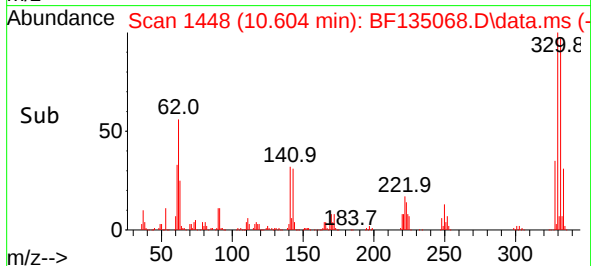
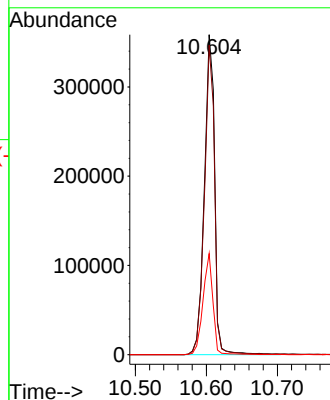
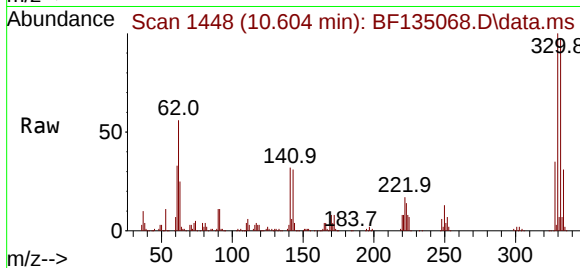
Tgt Ion:330 Resp: 362521

Ion Ratio Lower Upper

330 100

332 95.1 77.6 116.4

141 30.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 92.475 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135068.D

Acq: 01 Sep 2023 10:47

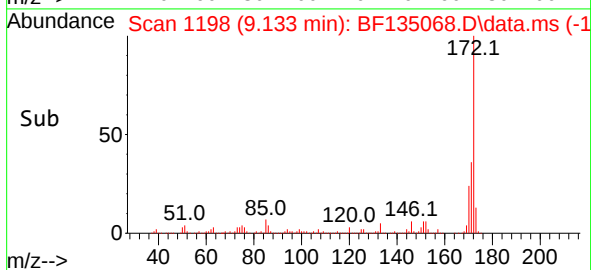
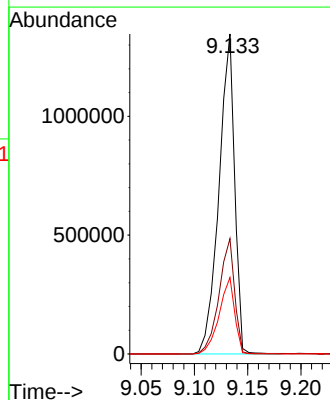
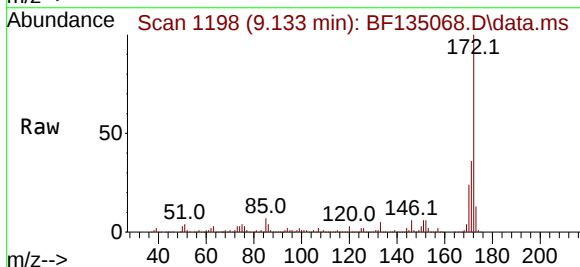
Tgt Ion:172 Resp: 1377149

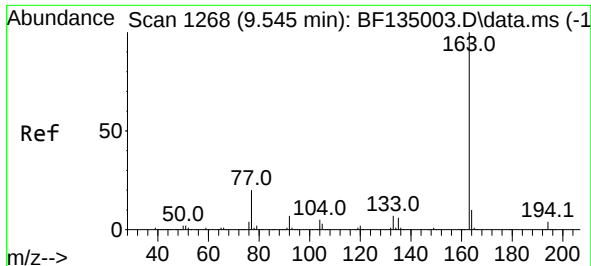
Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.2

170 23.9 19.0 28.4

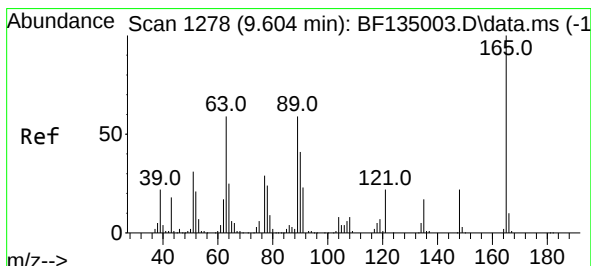
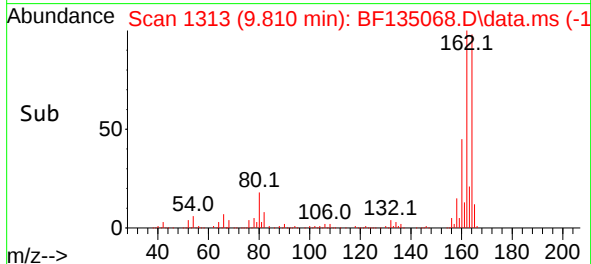
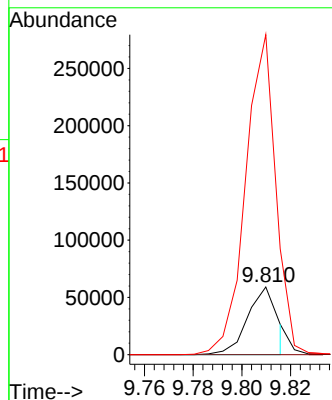
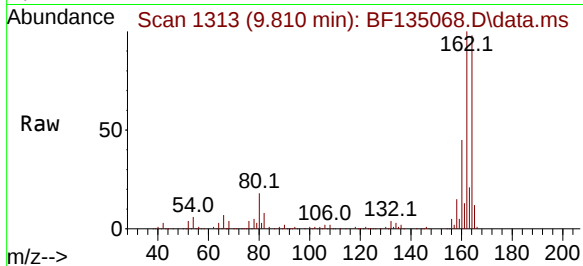




#50
Dimethylphthalate
Concen: 2.951 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135068.D
Acq: 01 Sep 2023 10:47

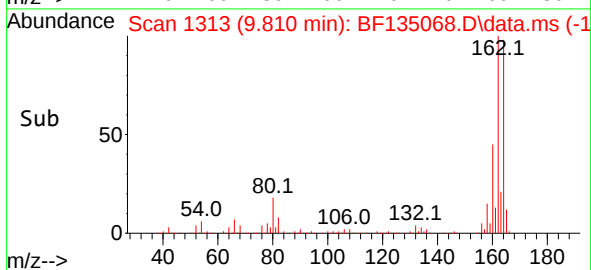
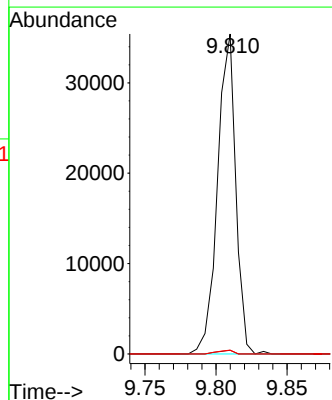
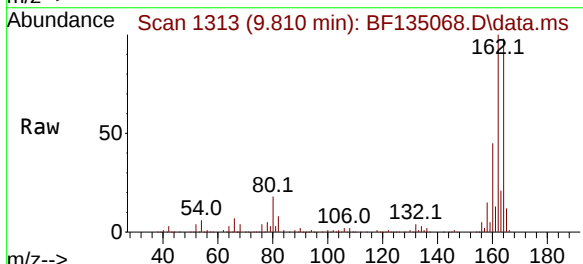
Instrument :
BNA_F
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PB155248BL

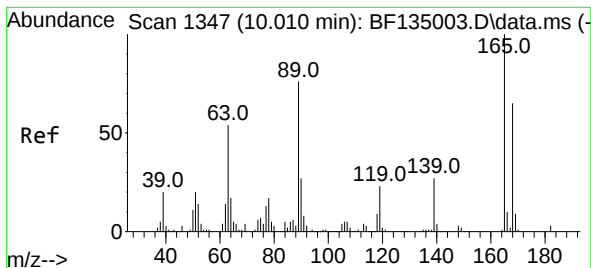
Tgt Ion:163 Resp: 50095
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 472.4 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.453 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135068.D
Acq: 01 Sep 2023 10:47

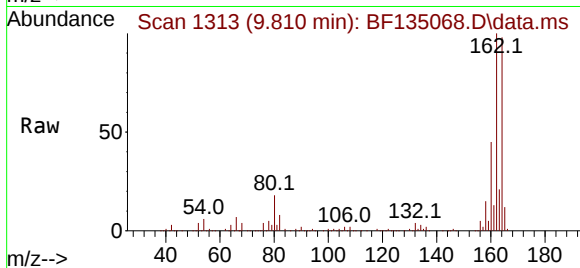
Tgt Ion:165 Resp: 31489
Ion Ratio Lower Upper
165 100
63 1.2 50.4 75.6#
89 1.2 47.1 70.7#



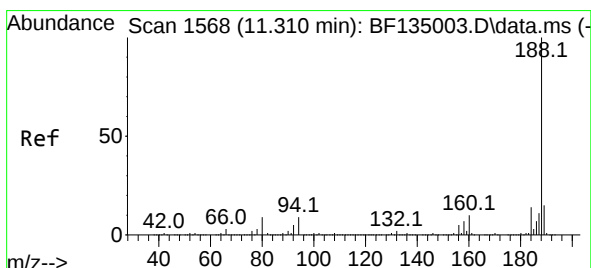
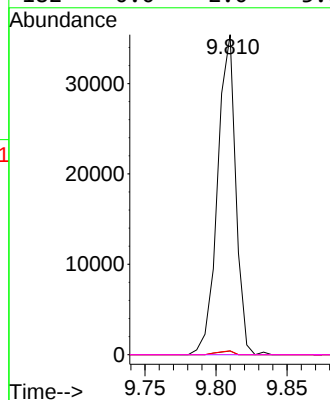
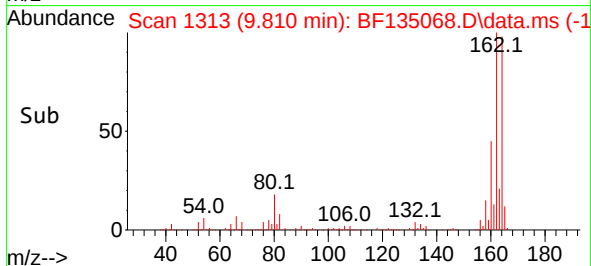


#57
2,4-Dinitrotoluene
Concen: 6.783 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135068.D
Acq: 01 Sep 2023 10:47

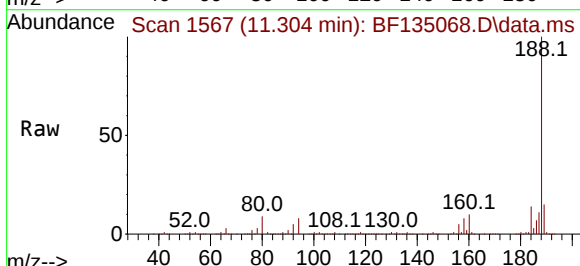
Instrument :
BNA_F
ClientSampleId :
PB155248BL



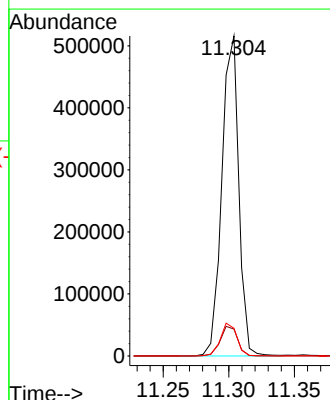
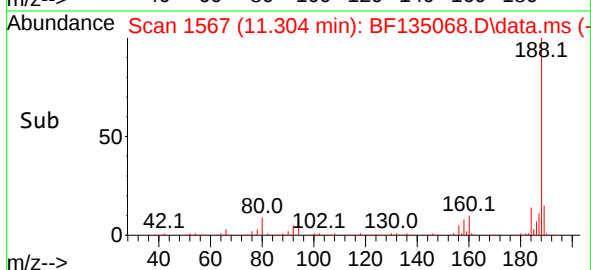
Tgt Ion:165 Resp: 31489
Ion Ratio Lower Upper
165 100
63 1.2 43.2 64.8#
89 1.2 60.8 91.2#
182 0.0 2.0 3.0#

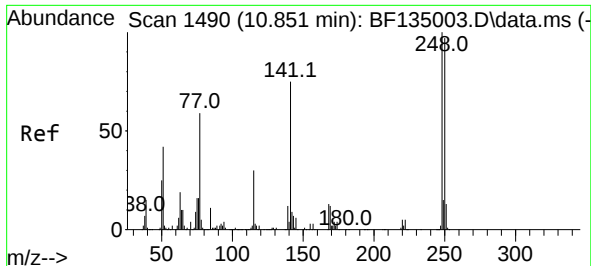


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135068.D
Acq: 01 Sep 2023 10:47



Tgt Ion:188 Resp: 461973
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 8.6 7.4 11.2

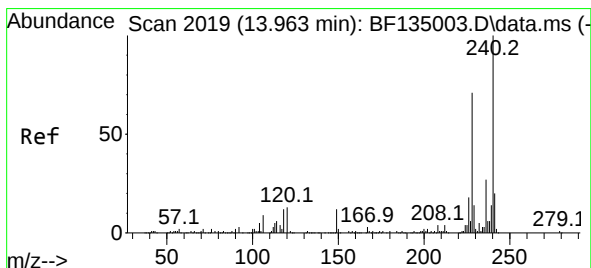
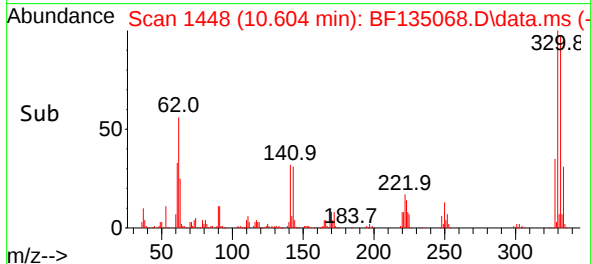
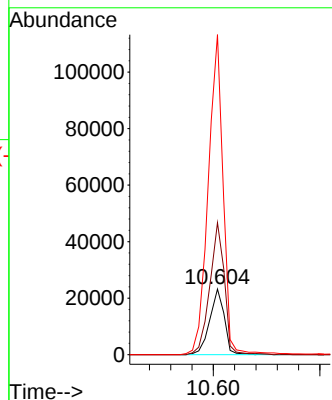
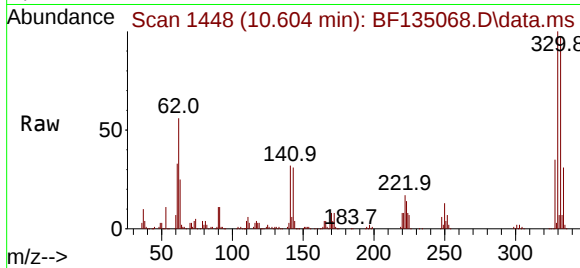




#67
4-Bromophenyl-phenylether
Concen: 4.537 ng
RT: 10.604 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF135068.D
Acq: 01 Sep 2023 10:47

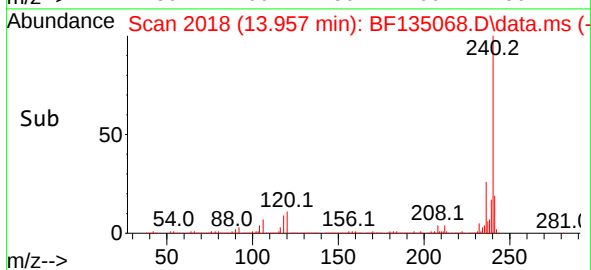
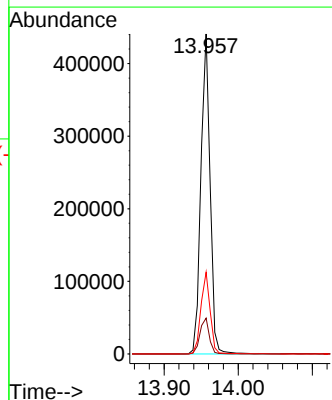
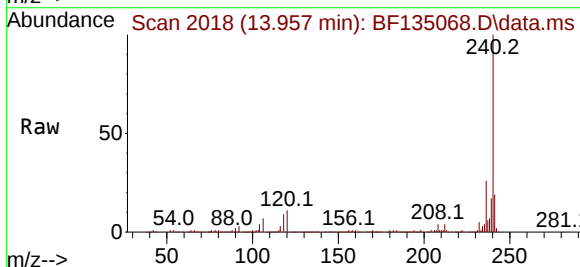
Instrument :
BNA_F
ClientSampleId :
PB155248BL

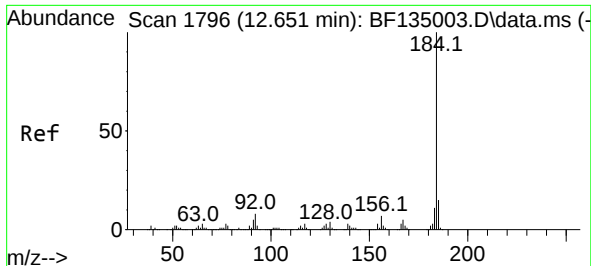
Tgt Ion:248 Resp: 22232
Ion Ratio Lower Upper
248 100
250 201.0 77.9 116.9#
141 487.3 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135068.D
Acq: 01 Sep 2023 10:47

Tgt Ion:240 Resp: 379050
Ion Ratio Lower Upper
240 100
120 11.2 10.2 15.2
236 25.5 21.3 31.9

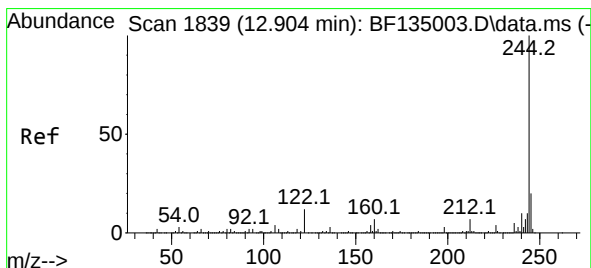
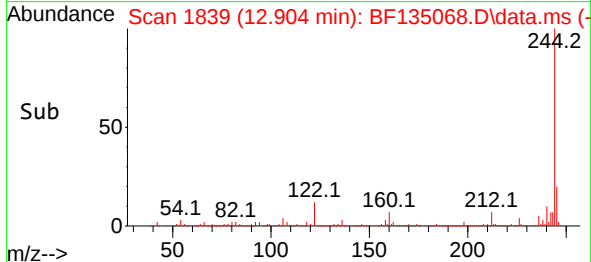
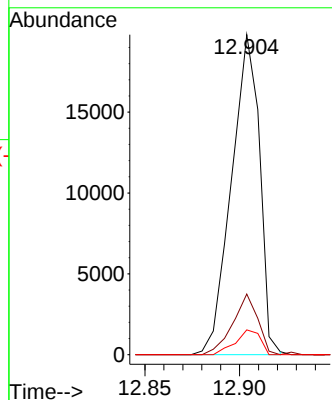
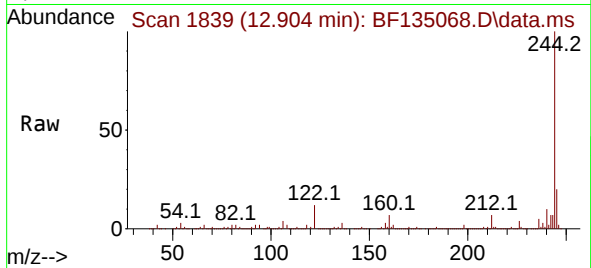




#77
Benzidine
Concen: 2.997 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.253 min
Lab File: BF135068.D
Acq: 01 Sep 2023 10:47

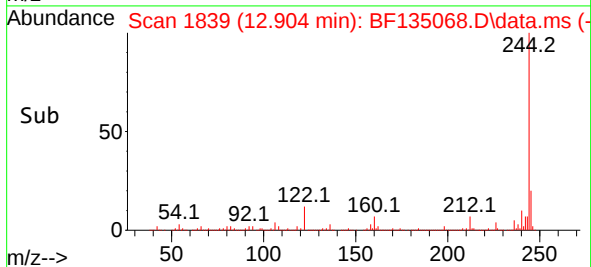
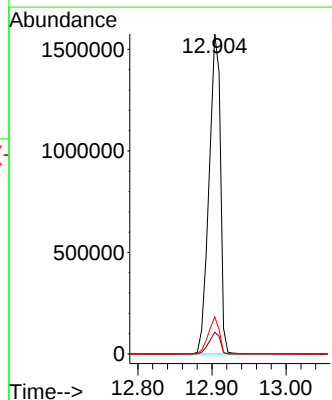
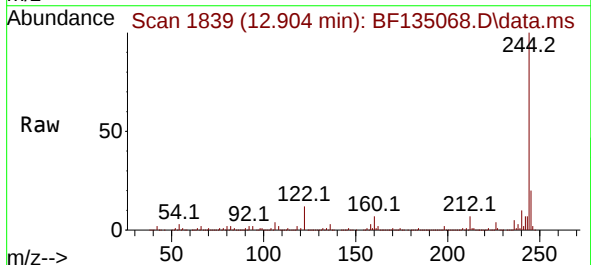
Instrument :
BNA_F
ClientSampleId :
PB155248BL

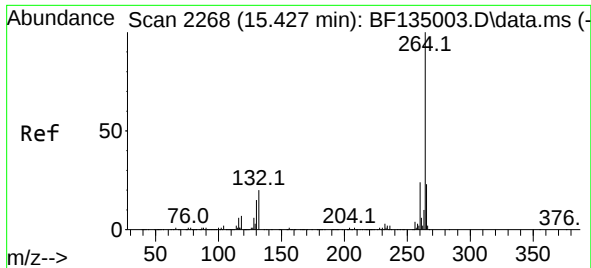
Tgt Ion:184 Resp: 20478
Ion Ratio Lower Upper
184 100
185 19.0 12.0 18.0#
183 7.8 9.0 13.6#



#79
Terphenyl-d14
Concen: 72.366 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.000 min
Lab File: BF135068.D
Acq: 01 Sep 2023 10:47

Tgt Ion:244 Resp: 1680888
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 11.6 9.8 14.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135068.D
Acq: 01 Sep 2023 10:47

Instrument :
BNA_F
ClientSampleId :
PB155248BL

Tgt Ion:264 Resp: 333884
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.2 18.2 27.2

