

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
 Data File : BF134669.D
 Acq On : 08 Aug 2023 13:44
 Operator : CG\JU
 Sample : 03903-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Aug 09 02:17:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

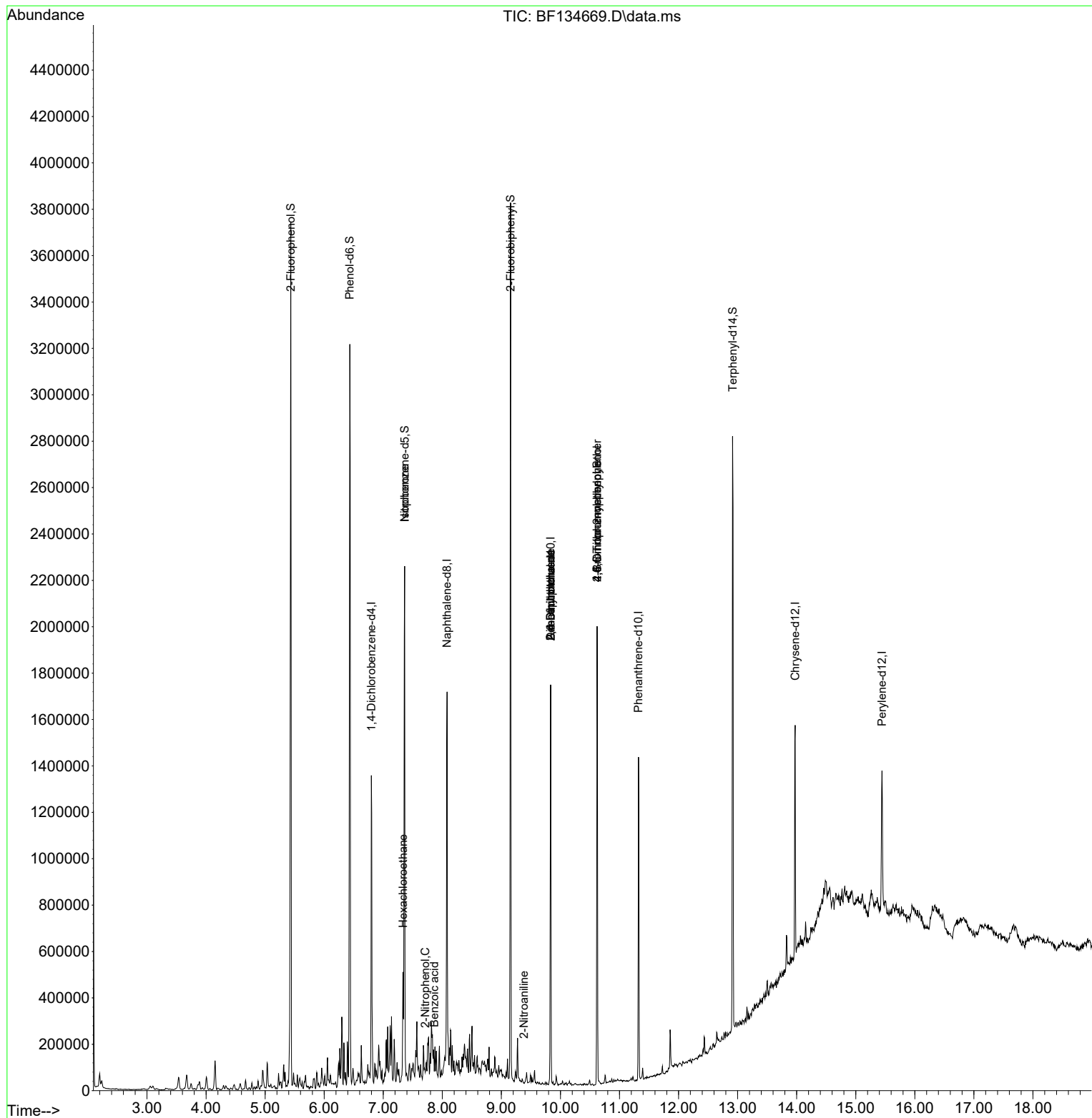
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	186905	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	682722	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	301453	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	494197	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	342912	20.000	ng	0.00
86) Perylene-d12	15.445	264	290664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	954892	77.661	ng	0.00
7) Phenol-d6	6.434	99	1177658	74.926	ng	0.00
23) Nitrobenzene-d5	7.363	82	663077	60.694	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	237436	77.265	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1066472	58.822	ng	0.00
79) Terphenyl-d14	12.915	244	938391	48.241	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.363	77	924	Below Cal	#	1
18) Hexachloroethane	7.333	117	17478	3.872	ng	# 1
25) Isophorone	7.363	82	656254	27.541	ng	# 65
26) 2-Nitrophenol	7.710	139	493	4.881	ng	# 1
32) Benzoic acid	7.863	122	172	7.888	ng	# 1
48) 2-Nitroaniline	9.380	65	232	3.206	ng	# 16
50) Dimethylphthalate	9.833	163	64330	3.131	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	40136	11.534	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	40136	10.276	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.621	198	501	8.904	ng	# 1
67) 4-Bromophenyl-phenylether	10.621	248	15128	2.796	ng	# 1

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

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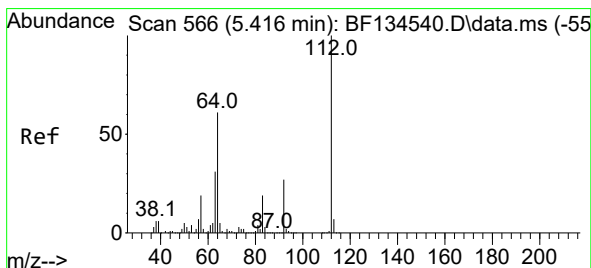
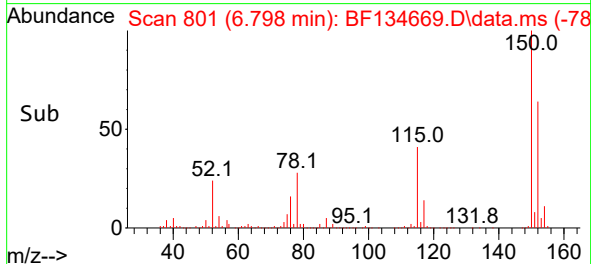
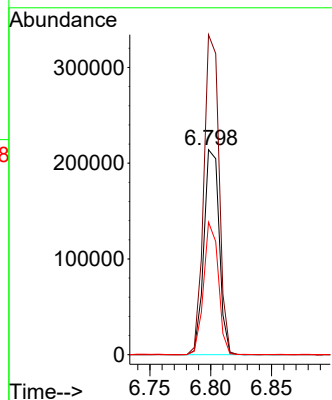
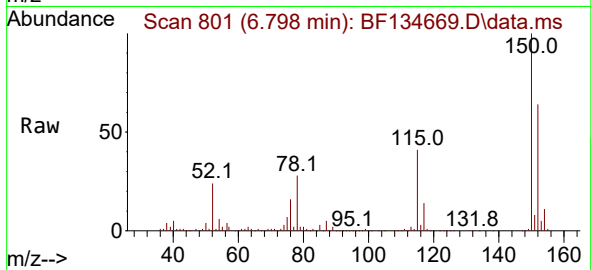




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134669.D
 Acq: 08 Aug 2023 13:44

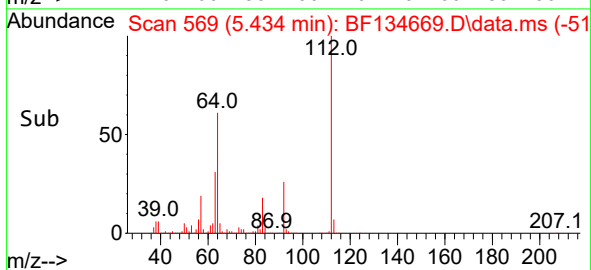
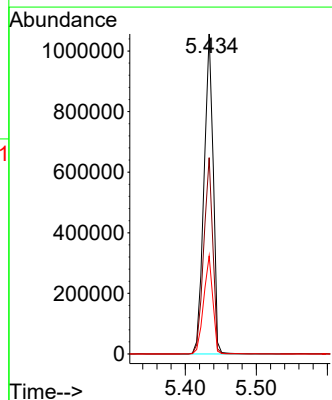
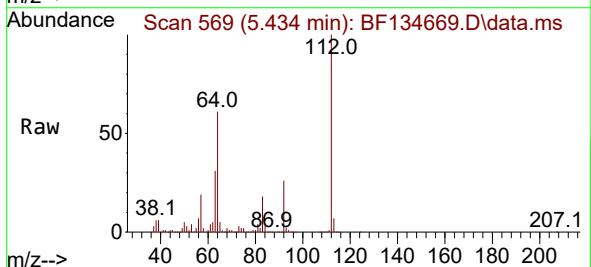
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

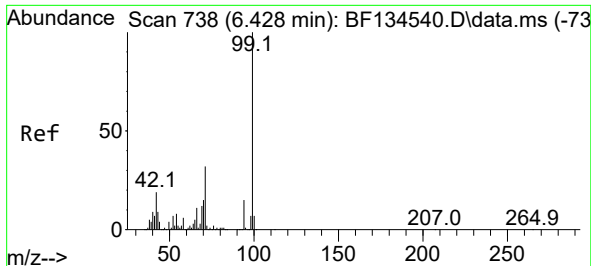
Tgt Ion:152 Resp: 186905
 Ion Ratio Lower Upper
 152 100
 150 156.1 128.3 192.5
 115 64.7 52.4 78.6



#5
 2-Fluorophenol
 Concen: 77.661 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: BF134669.D
 Acq: 08 Aug 2023 13:44

Tgt Ion:112 Resp: 954892
 Ion Ratio Lower Upper
 112 100
 64 61.4 44.9 67.3
 63 30.7 25.4 38.0





#7

Phenol-d6

Concen: 74.926 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134669.D

Acq: 08 Aug 2023 13:44

Instrument :

BNA_F

ClientSampleId :

MW-11

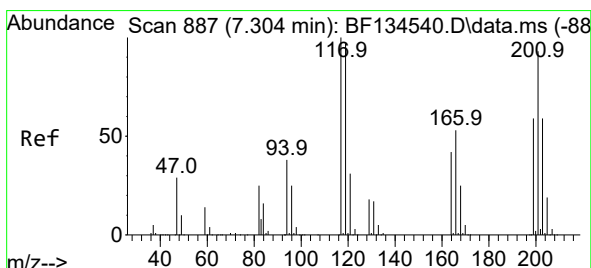
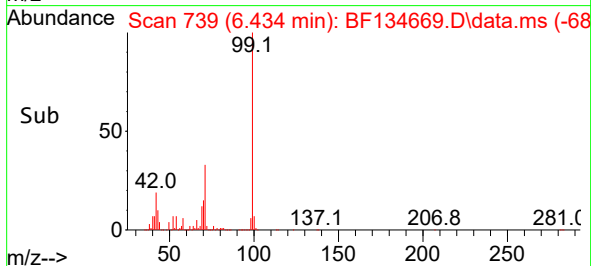
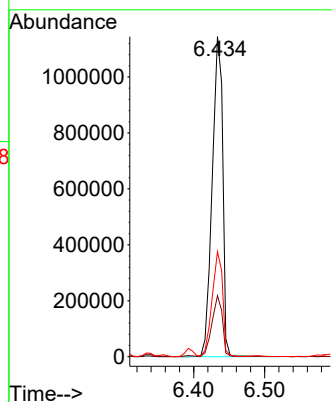
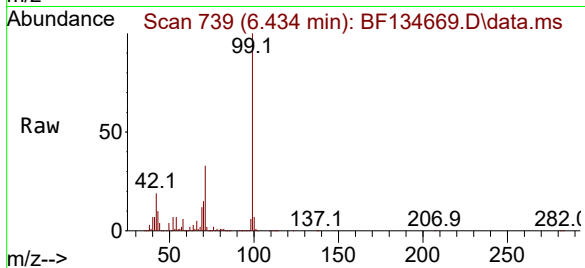
Tgt Ion: 99 Resp: 1177658

Ion Ratio Lower Upper

99 100

42 19.0 18.7 28.1

71 32.8 36.4 54.6#



#18

Hexachloroethane

Concen: 3.872 ng

RT: 7.333 min Scan# 892

Delta R.T. 0.023 min

Lab File: BF134669.D

Acq: 08 Aug 2023 13:44

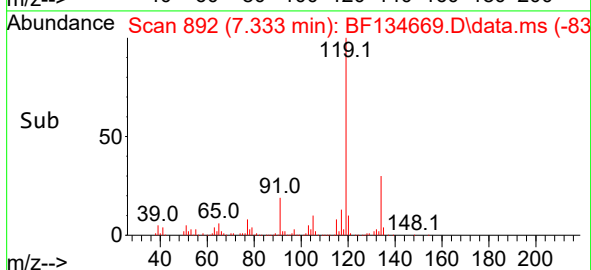
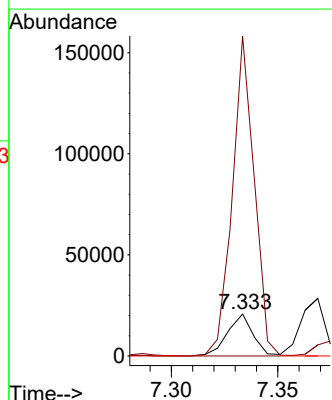
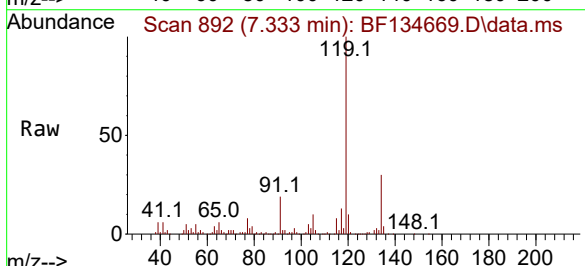
Tgt Ion: 117 Resp: 17478

Ion Ratio Lower Upper

117 100

119 763.0 75.8 113.8#

201 0.0 73.6 110.4#

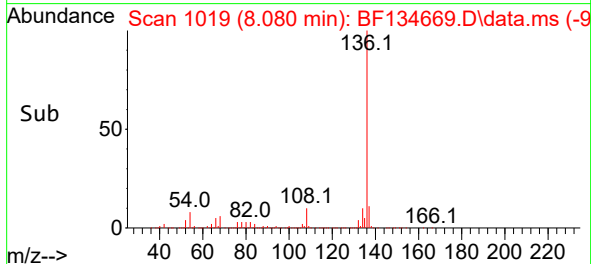
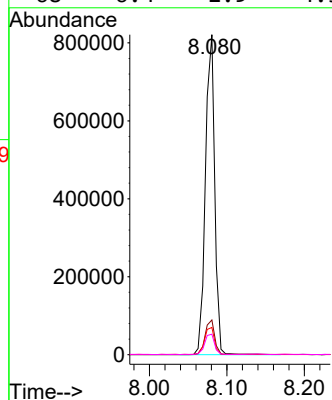
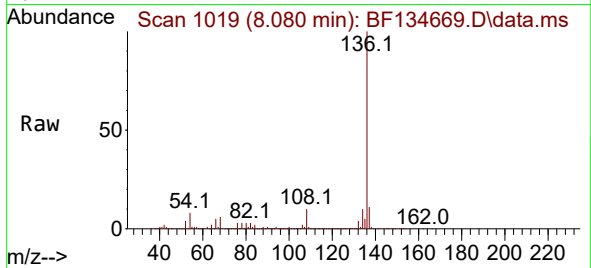




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

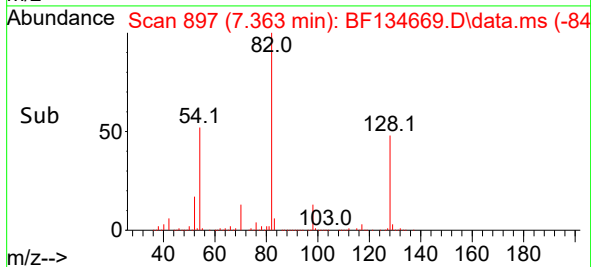
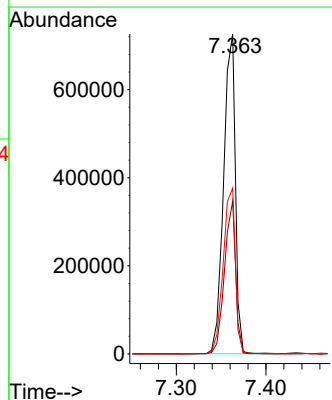
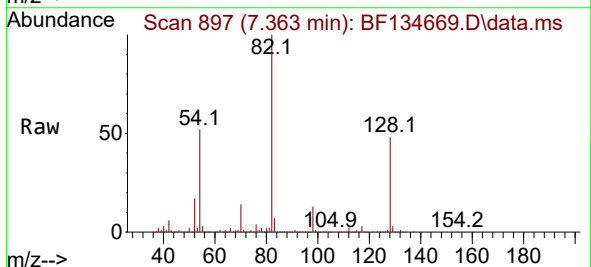
Instrument :
BNA_F
ClientSampleId :
MW-11

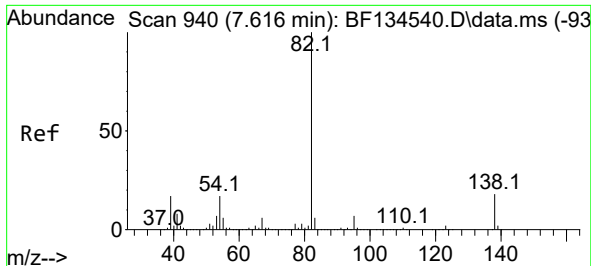
Tgt Ion:136 Resp: 682722
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.5 5.2 7.8#
68 6.4 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 60.694 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

Tgt Ion: 82 Resp: 663077
Ion Ratio Lower Upper
82 100
128 47.7 34.3 51.5
54 51.8 43.8 65.6

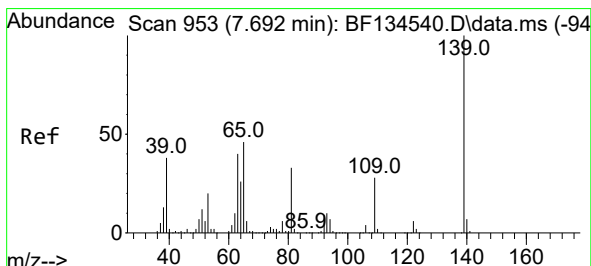
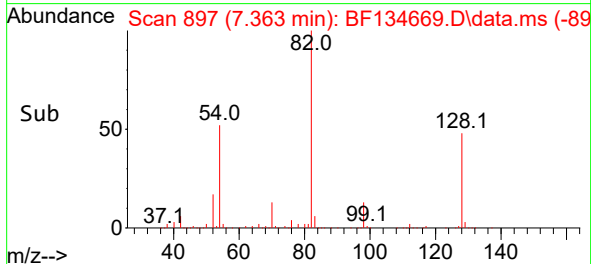
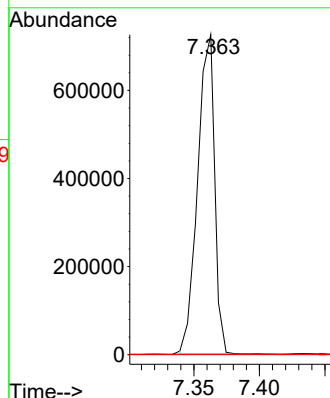
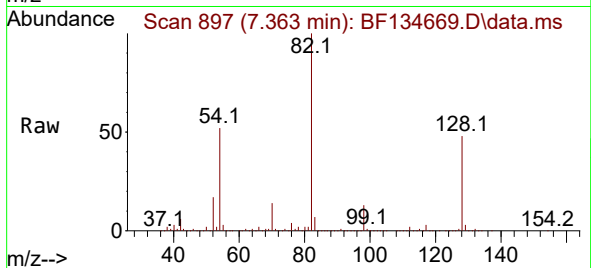




#25
Isophorone
Concen: 27.541 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

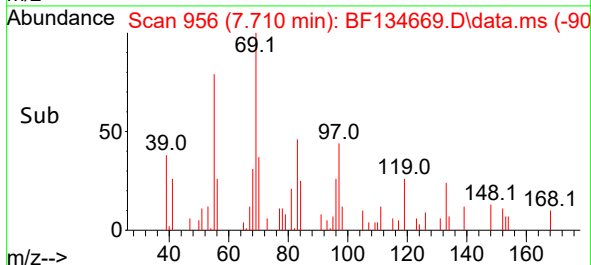
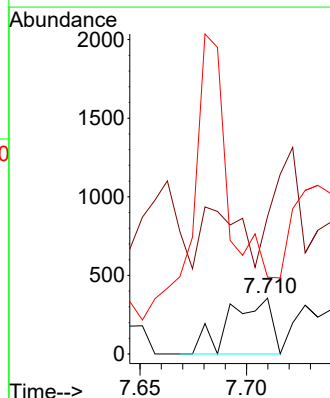
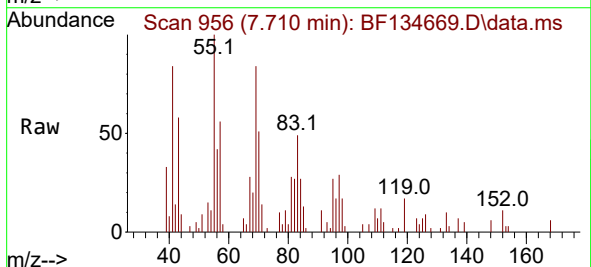
Instrument :
BNA_F
ClientSampleId :
MW-11

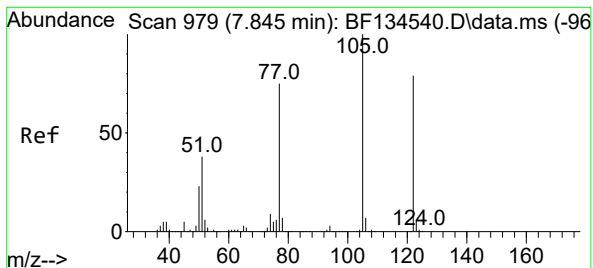
Tgt Ion: 82 Resp: 656254
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.6 22.0#



#26
2-Nitrophenol
Concen: 4.881 ng
RT: 7.710 min Scan# 956
Delta R.T. 0.012 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

Tgt Ion:139 Resp: 493
Ion Ratio Lower Upper
139 100
109 246.8 29.8 44.6#
65 137.7 45.4 68.2#





#32

Benzoic acid

Concen: 7.888 ng

RT: 7.863 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF134669.D

Acq: 08 Aug 2023 13:44

Instrument :

BNA_F

ClientSampleId :

MW-11

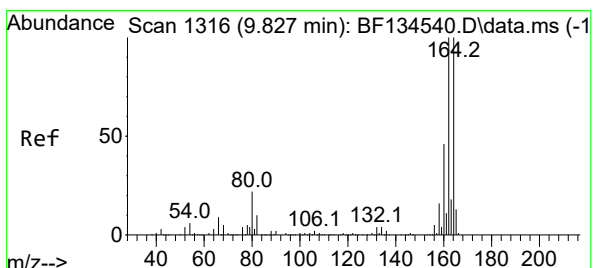
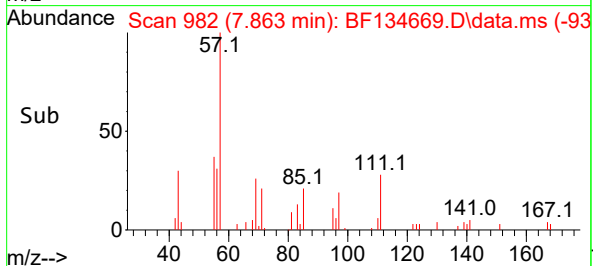
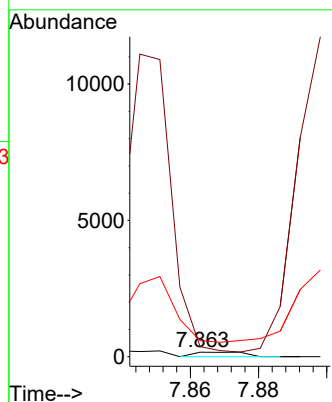
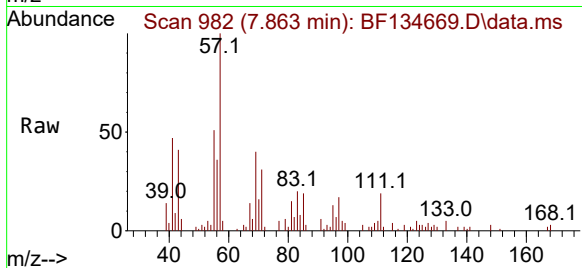
Tgt Ion:122 Resp: 172

Ion Ratio Lower Upper

122 100

105 226.2 87.5 127.5#

77 362.8 71.4 111.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.000 min

Lab File: BF134669.D

Acq: 08 Aug 2023 13:44

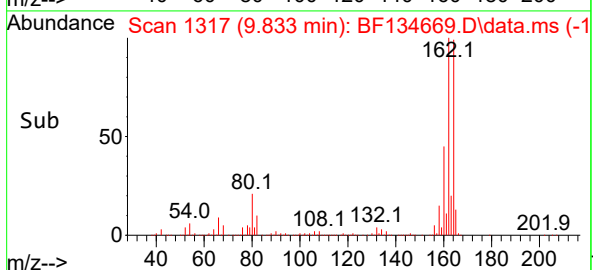
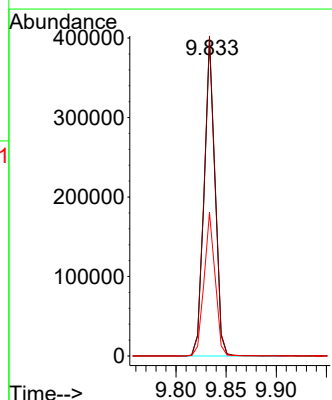
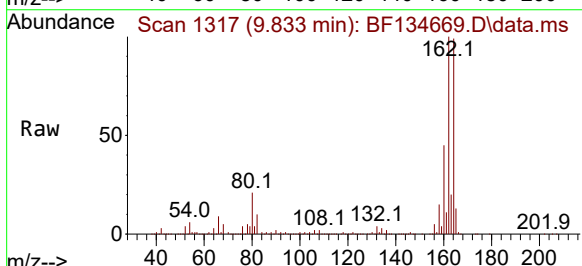
Tgt Ion:164 Resp: 301453

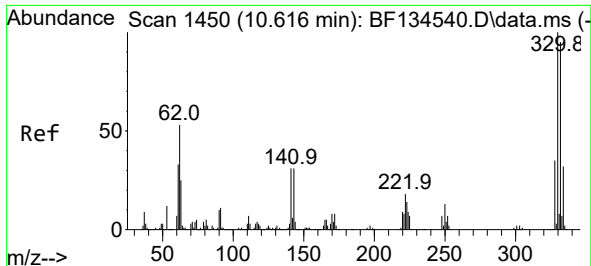
Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

160 45.4 37.2 55.8

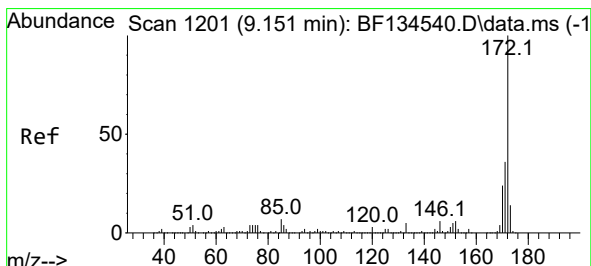
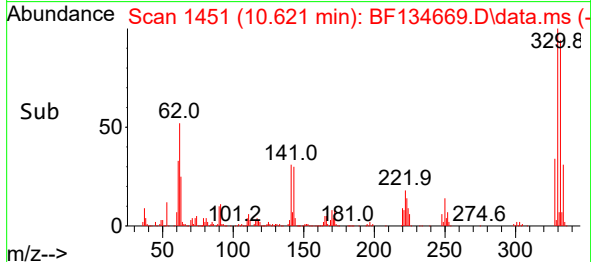
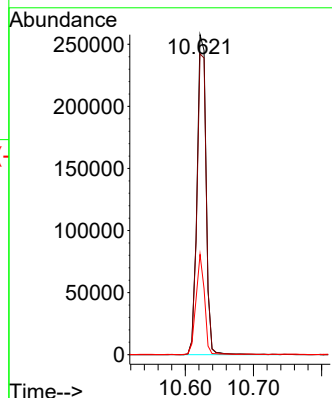
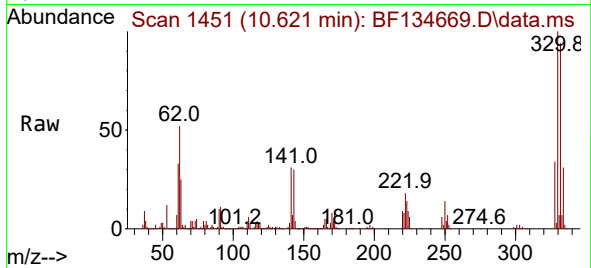




#42
2,4,6-Tribromophenol
Concen: 77.265 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

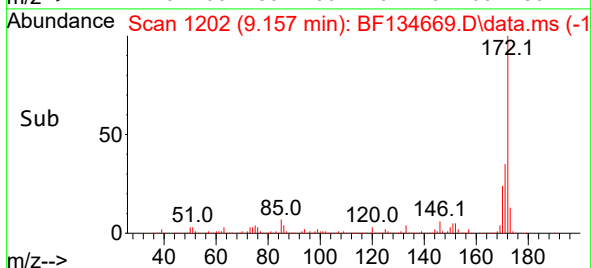
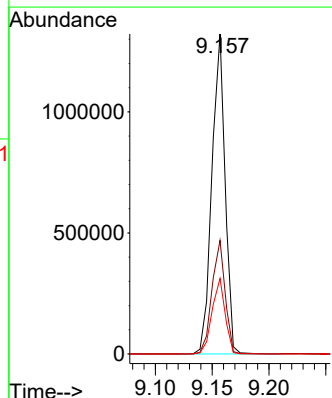
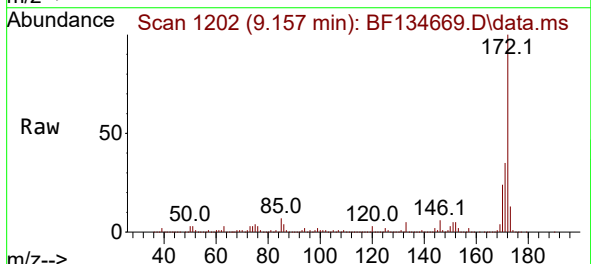
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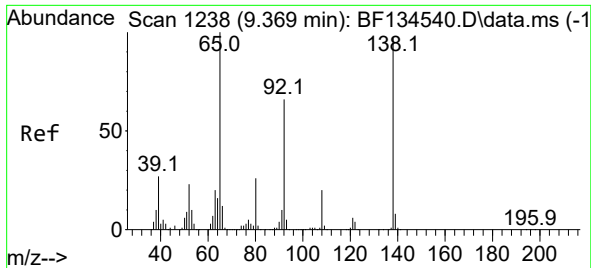
Tgt Ion: 330 Resp: 237436
Ion Ratio Lower Upper
330 100
332 96.2 78.8 118.2
141 29.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 58.822 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

Tgt Ion: 172 Resp: 1066472
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.6 18.7 28.1

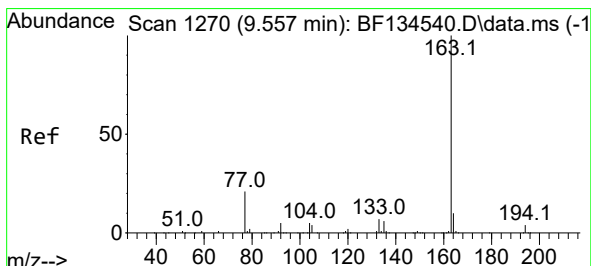
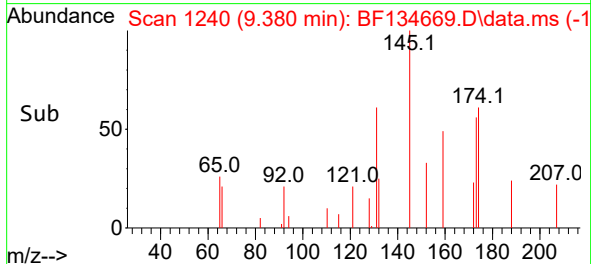
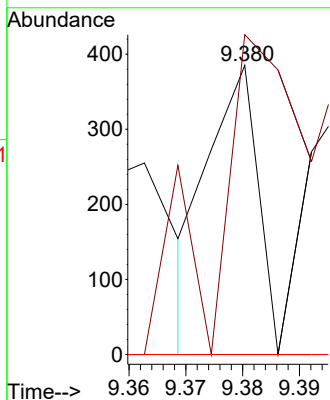
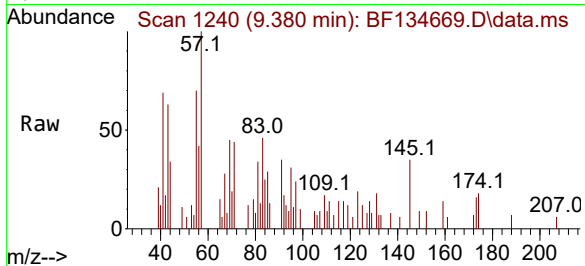




#48
2-Nitroaniline
Concen: 3.206 ng
RT: 9.380 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

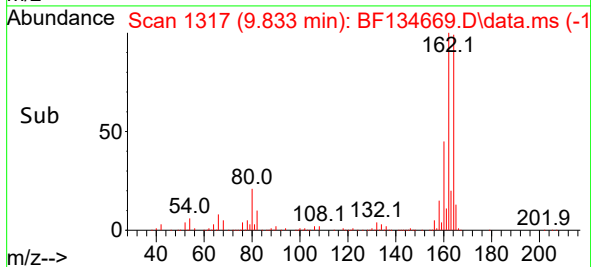
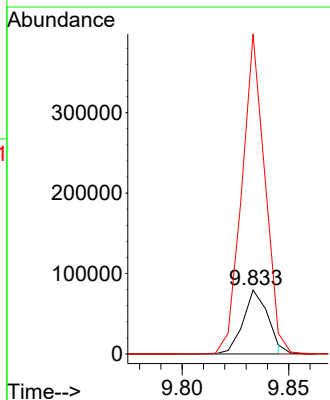
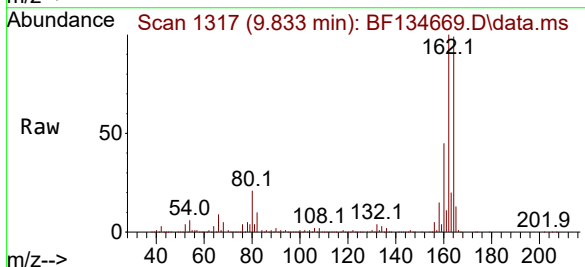
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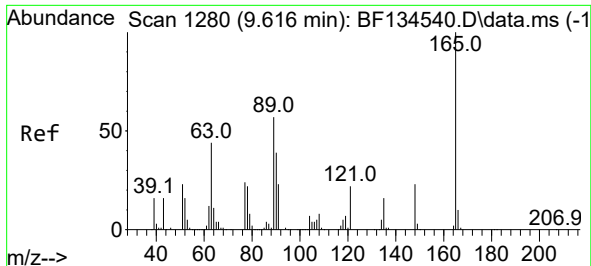
Tgt Ion: 65 Resp: 232
Ion Ratio Lower Upper
65 100
92 110.6 50.7 76.1#
138 0.0 78.2 117.4#



#50
Dimethylphthalate
Concen: 3.131 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

Tgt Ion: 163 Resp: 64330
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 501.6 7.5 11.3#

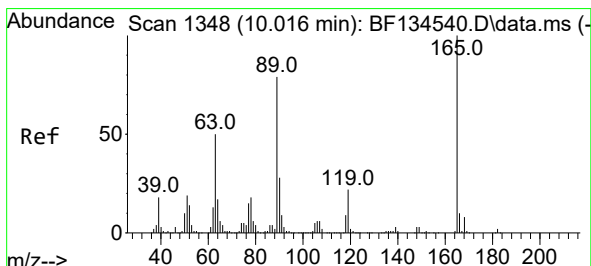
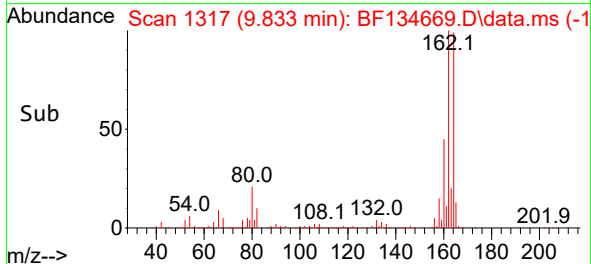
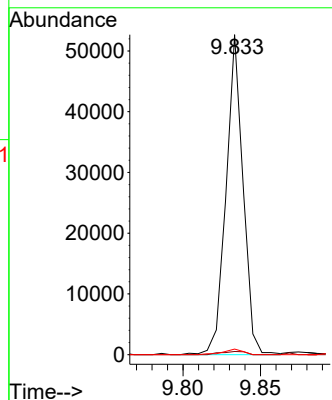
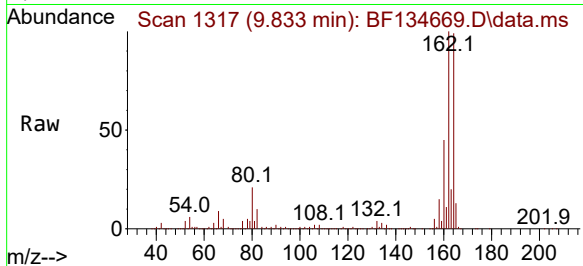




#51
2,6-Dinitrotoluene
Concen: 11.534 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

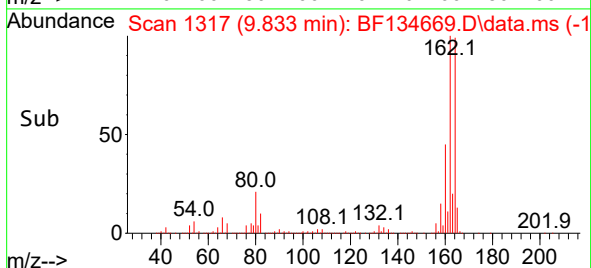
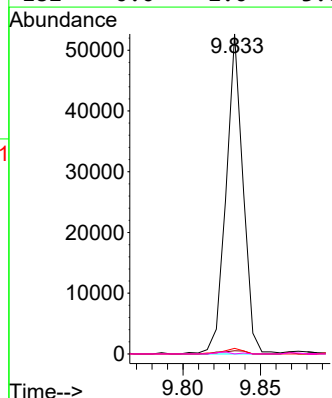
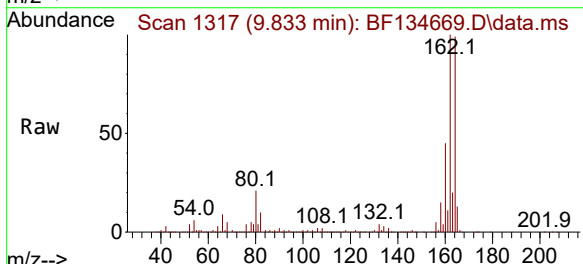
Instrument :
BNA_F
ClientSampleId :
MW-11

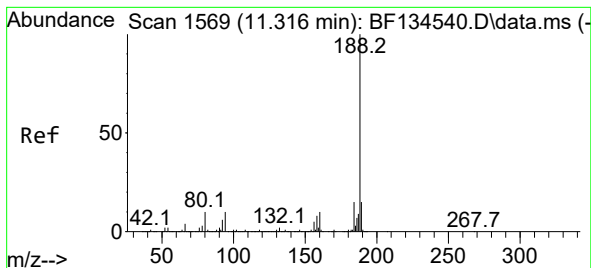
Tgt Ion:165 Resp: 40136
Ion Ratio Lower Upper
165 100
63 1.0 57.8 86.6#
89 1.7 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.276 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.194 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

Tgt Ion:165 Resp: 40136
Ion Ratio Lower Upper
165 100
63 1.0 48.9 73.3#
89 1.7 61.7 92.5#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134669.D

Acq: 08 Aug 2023 13:44

Instrument :

BNA_F

ClientSampleId :

MW-11

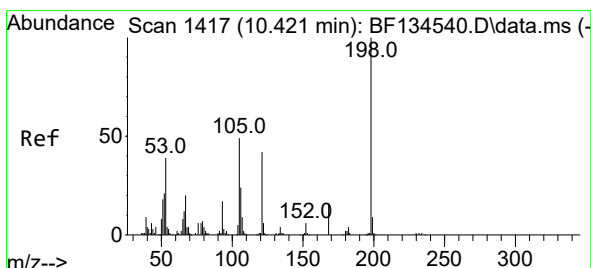
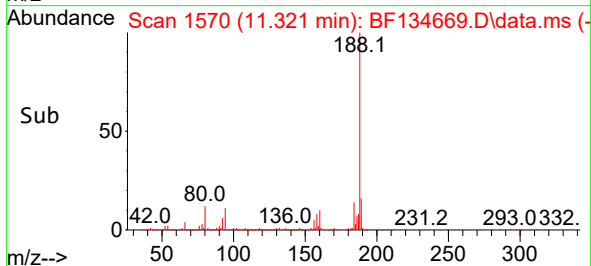
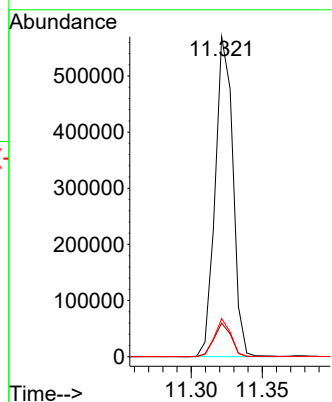
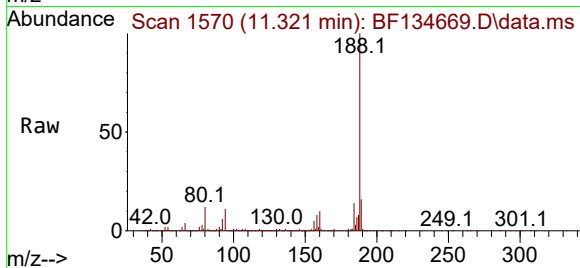
Tgt Ion:188 Resp: 494197

Ion Ratio Lower Upper

188 100

94 10.5 5.1 7.7#

80 11.9 6.6 9.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 8.904 ng

RT: 10.621 min Scan# 1451

Delta R.T. 0.182 min

Lab File: BF134669.D

Acq: 08 Aug 2023 13:44

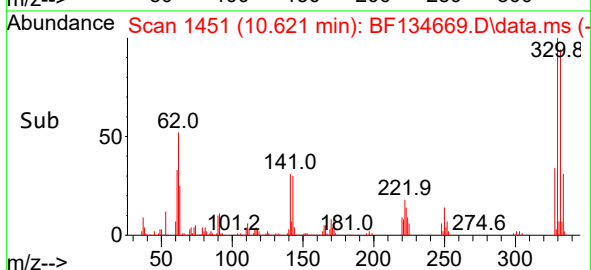
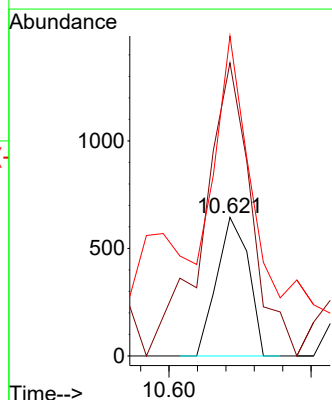
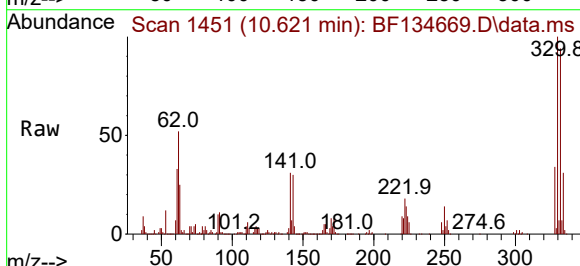
Tgt Ion:198 Resp: 501

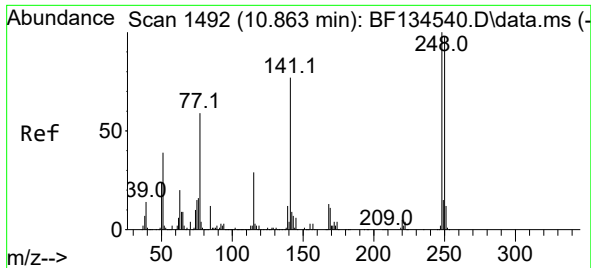
Ion Ratio Lower Upper

198 100

51 211.6 38.6 78.6#

105 231.1 27.9 67.9#

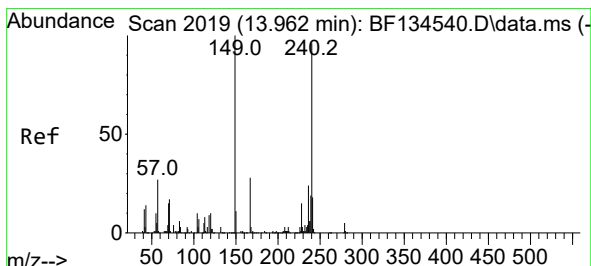
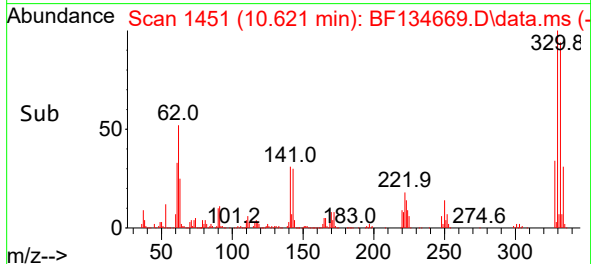
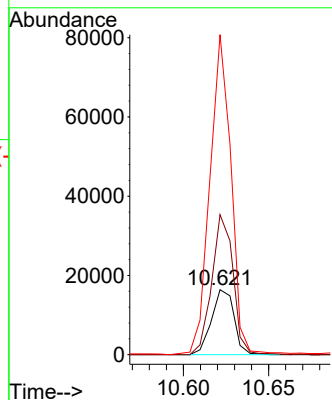
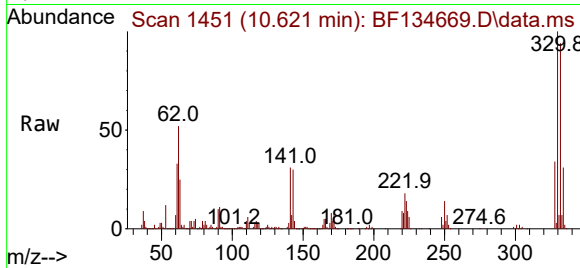




#67
4-Bromophenyl-phenylether
Concen: 2.796 ng
RT: 10.621 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

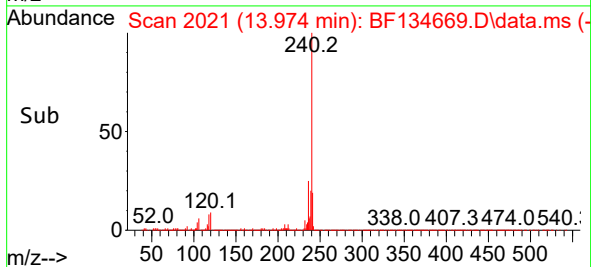
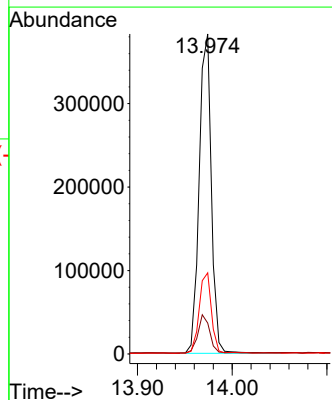
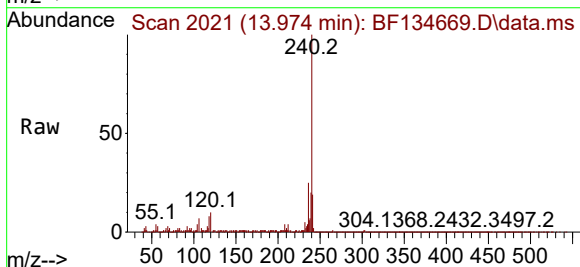
Instrument :
BNA_F
ClientSampleId :
MW-11

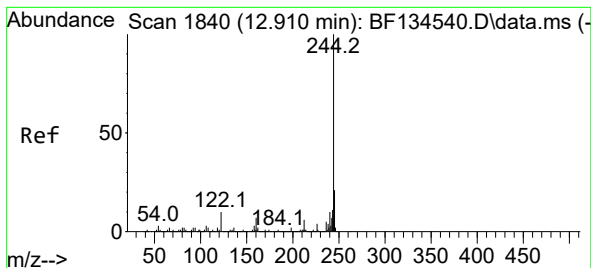
Tgt Ion:248 Resp: 15128
Ion Ratio Lower Upper
248 100
250 215.4 79.6 119.4#
141 492.2 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF134669.D
Acq: 08 Aug 2023 13:44

Tgt Ion:240 Resp: 342912
Ion Ratio Lower Upper
240 100
120 9.6 6.6 10.0
236 25.3 20.2 30.2





#79

Terphenyl-d14

Concen: 48.241 ng

RT: 12.915 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134669.D

Acq: 08 Aug 2023 13:44

Instrument :

BNA_F

ClientSampleId :

MW-11

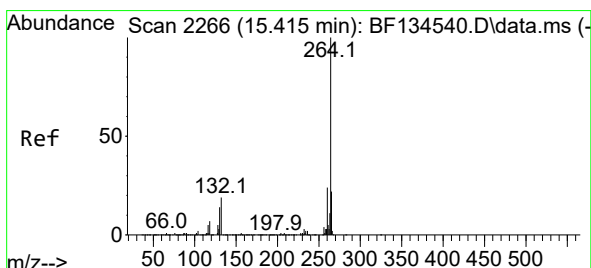
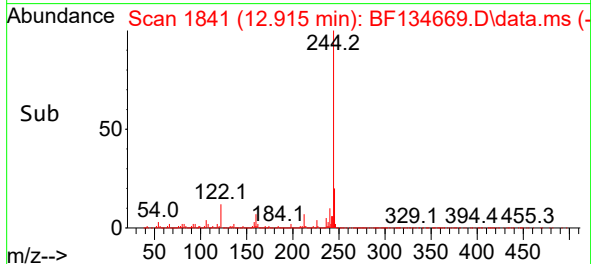
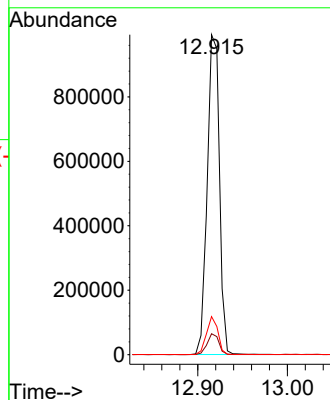
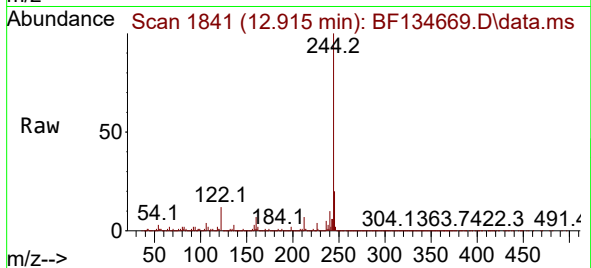
Tgt Ion:244 Resp: 938391

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 11.9 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF134669.D

Acq: 08 Aug 2023 13:44

Tgt Ion:264 Resp: 290664

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

265 22.2 15.8 23.8

