

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134687.D
 Acq On : 09 Aug 2023 13:09
 Operator : CG\JU
 Sample : 03903-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Quant Time: Aug 10 01:39:27 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)

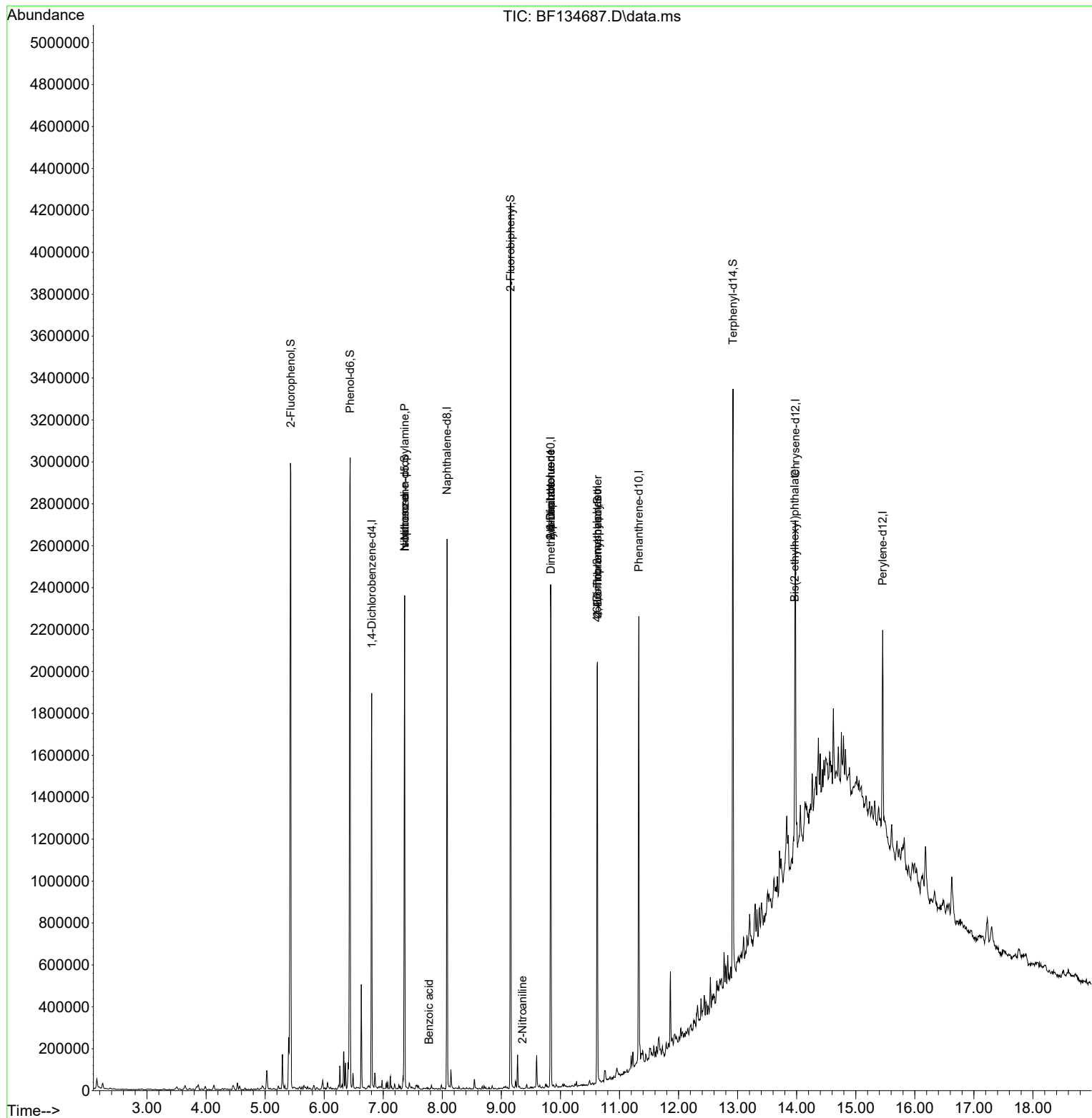
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	258576	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	1006944	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	493456	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	768418	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	565266	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	481099	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	883115	51.916	ng	0.00
7) Phenol-d6	6.439	99	1119053	51.463	ng	0.00
23) Nitrobenzene-d5	7.363	82	671392	41.668	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	264030	52.488	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1204187	40.575	ng	0.00
79) Terphenyl-d14	12.921	244	1001848	31.244	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.363	77	5076	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.363	70	88033	6.762	ng	# 74
25) Isophorone	7.363	82	667926	19.005	ng	# 65
32) Benzoic acid	7.775	122	55	7.872	ng	# 84
48) 2-Nitroaniline	9.357	65	117	3.178	ng	# 8
50) Dimethylphthalate	9.839	163	104533	3.108	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	64540	11.374	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	64540	10.145	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	543	8.842	ng	# 1
67) 4-Bromophenyl-phenylether	10.627	248	16949	2.015	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.968	149	79825	4.101	ng	95

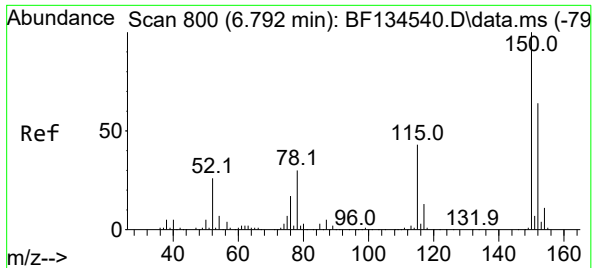
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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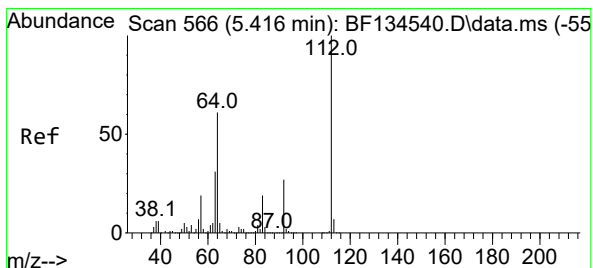
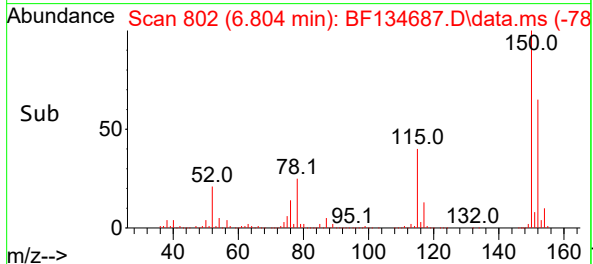
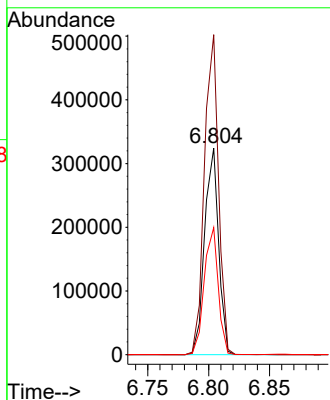
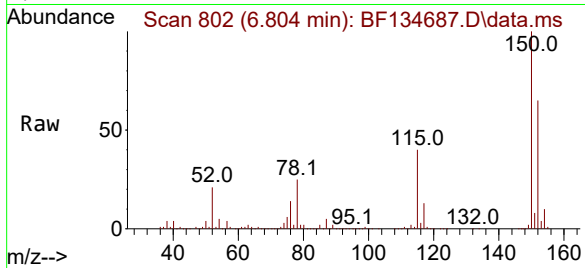




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134687.D
Acq: 09 Aug 2023 13:09

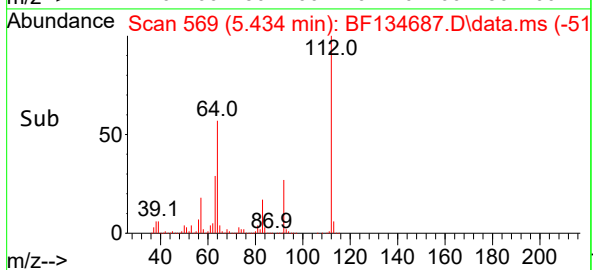
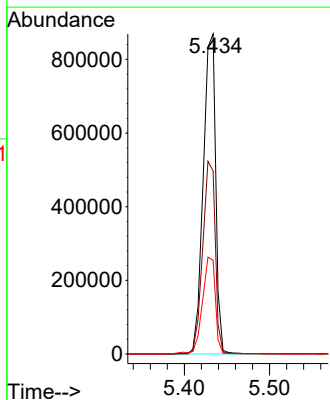
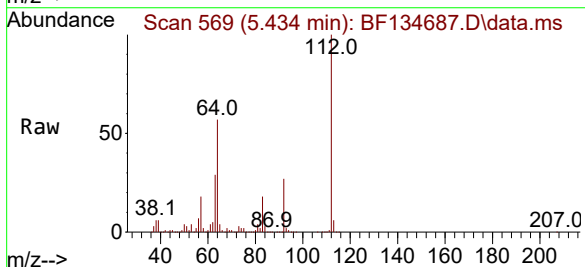
Instrument :
BNA_F
ClientSampleId :
MW-08

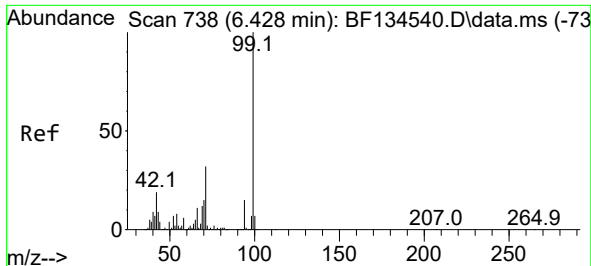
Tgt Ion:152 Resp: 258576
Ion Ratio Lower Upper
152 100
150 154.9 128.3 192.5
115 61.5 52.4 78.6



#5
2-Fluorophenol
Concen: 51.916 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134687.D
Acq: 09 Aug 2023 13:09

Tgt Ion:112 Resp: 883115
Ion Ratio Lower Upper
112 100
64 57.2 44.9 67.3
63 29.3 25.4 38.0

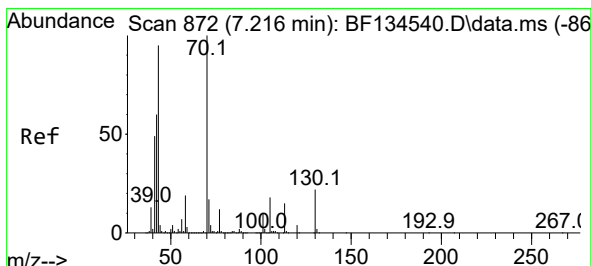
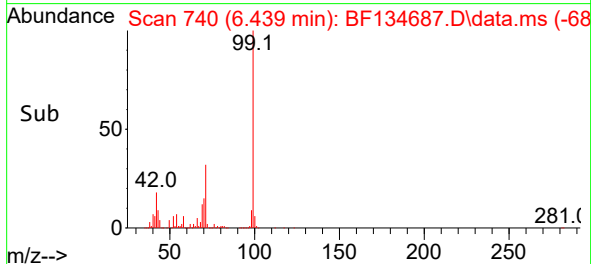
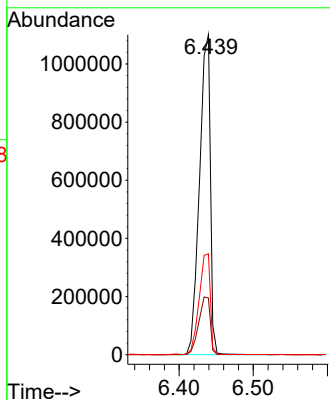
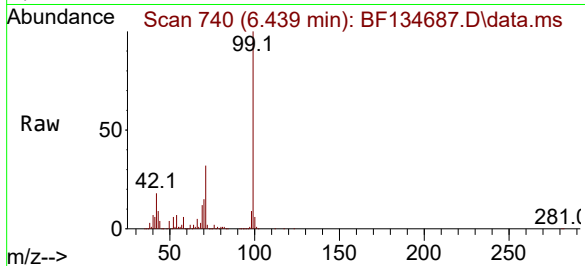




#7
Phenol-d6
Concen: 51.463 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF134687.D
Acq: 09 Aug 2023 13:09

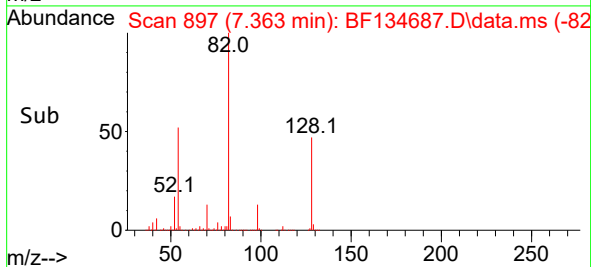
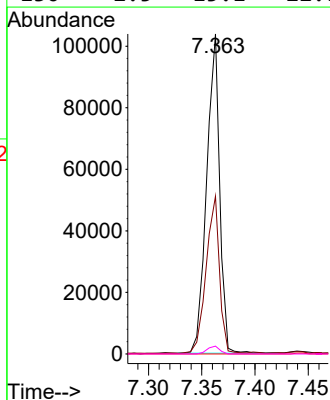
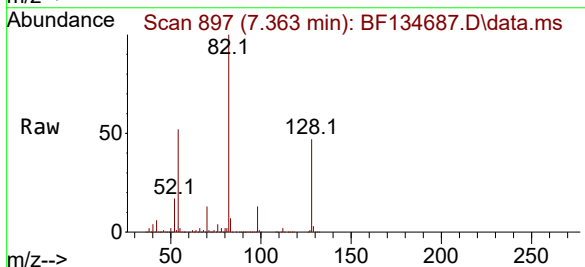
Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion: 99 Resp: 1119053
Ion Ratio Lower Upper
99 100
42 17.7 18.7 28.1#
71 31.5 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 6.762 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134687.D
Acq: 09 Aug 2023 13:09

Tgt Ion: 70 Resp: 88033
Ion Ratio Lower Upper
70 100
42 49.3 54.7 82.1#
101 0.0 8.2 12.2#
130 2.5 15.1 22.7#

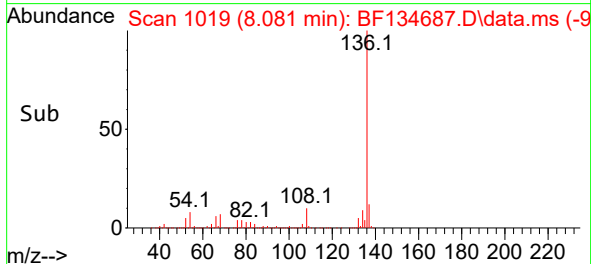
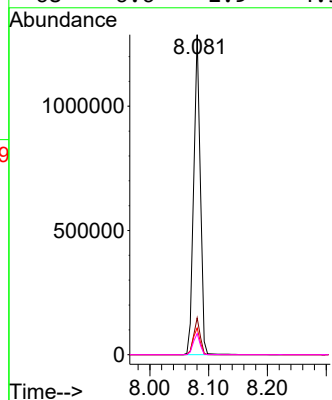
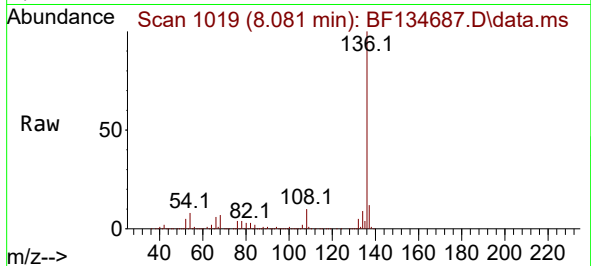




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF134687.D
Acq: 09 Aug 2023 13:09

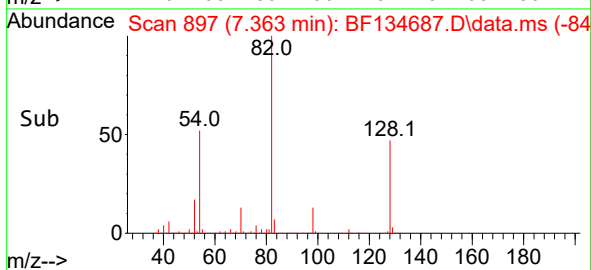
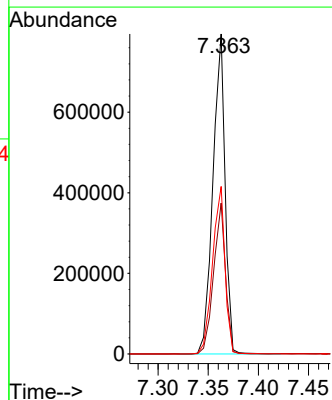
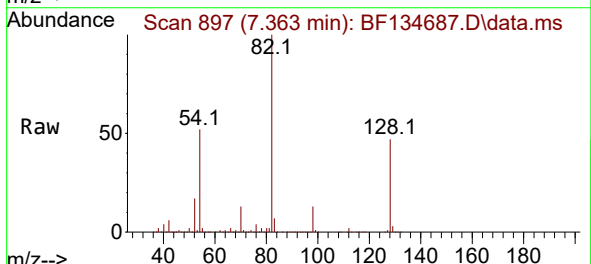
Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:136 Resp: 1006944
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 8.3 5.2 7.8#
68 6.6 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 41.668 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF134687.D
Acq: 09 Aug 2023 13:09

Tgt Ion: 82 Resp: 671392
Ion Ratio Lower Upper
82 100
128 47.2 34.3 51.5
54 52.3 43.8 65.6

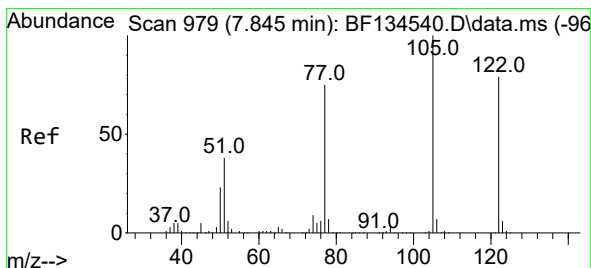
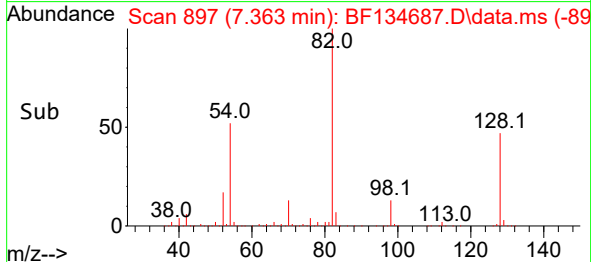
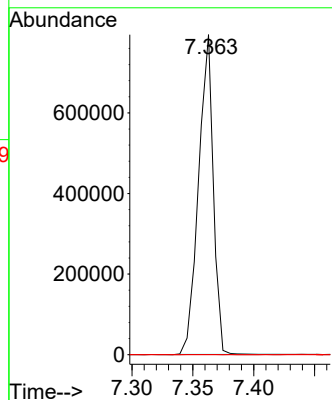
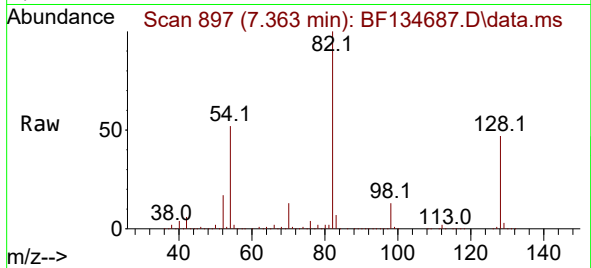




#25
Isophorone
Concen: 19.005 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF134687.D
Acq: 09 Aug 2023 13:09

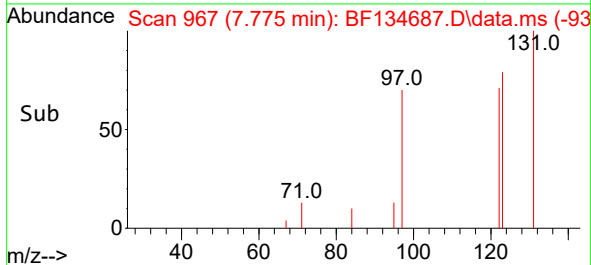
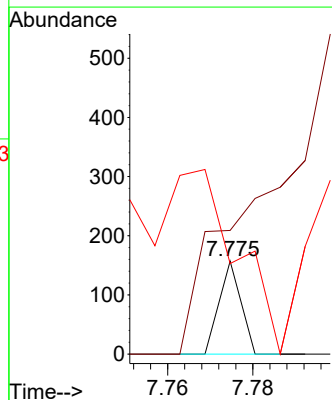
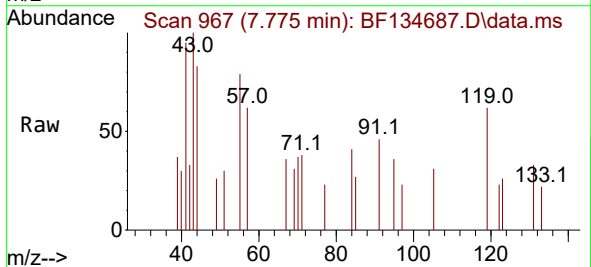
Instrument :
BNA_F
ClientSampleId :
MW-08

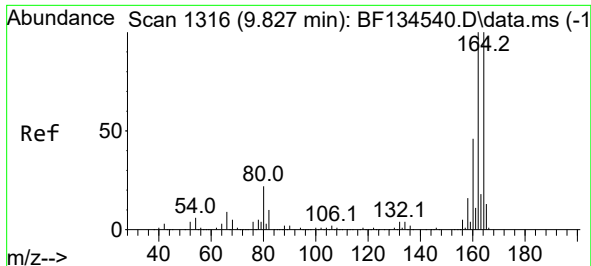
Tgt Ion: 82 Resp: 667926
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.872 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.088 min
Lab File: BF134687.D
Acq: 09 Aug 2023 13:09

Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 133.1 87.5 127.5#
77 97.5 71.4 111.4

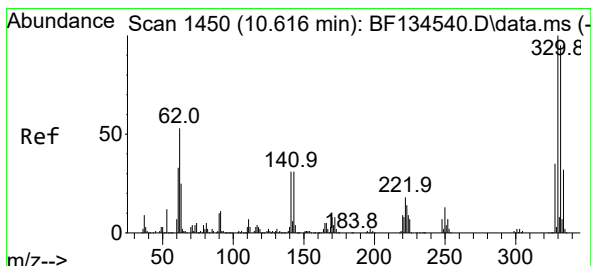
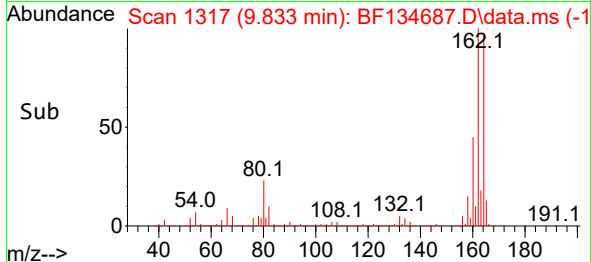
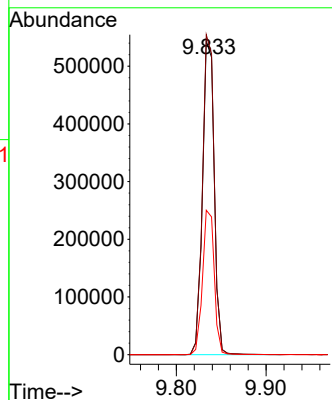
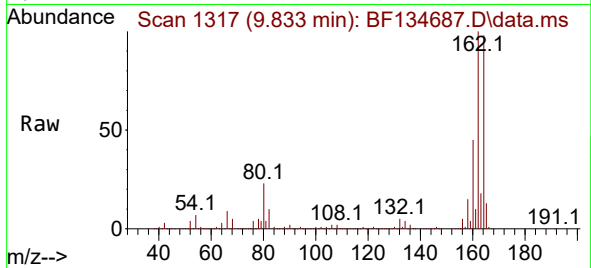




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134687.D
Acq: 09 Aug 2023 13:09

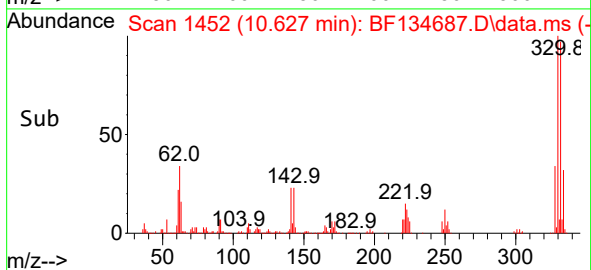
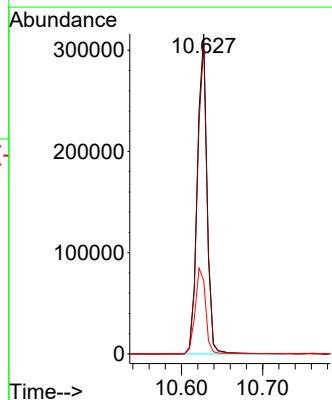
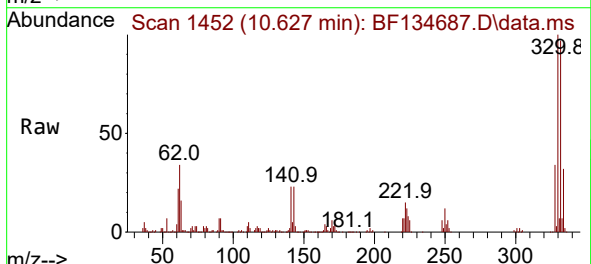
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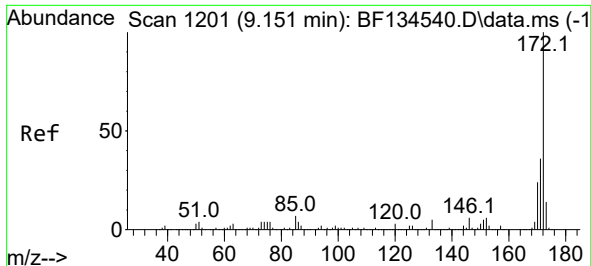
Tgt Ion:164 Resp: 493456
Ion Ratio Lower Upper
164 100
162 102.0 82.6 123.8
160 46.0 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 52.488 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF134687.D
Acq: 09 Aug 2023 13:09

Tgt Ion:330 Resp: 264030
Ion Ratio Lower Upper
330 100
332 96.5 78.8 118.2
141 29.3 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 40.575 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134687.D

Acq: 09 Aug 2023 13:09

Instrument :

BNA_F

ClientSampleId :

MW-08

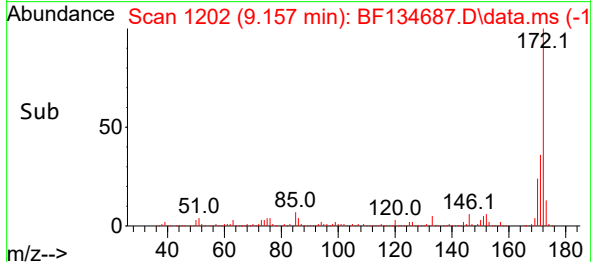
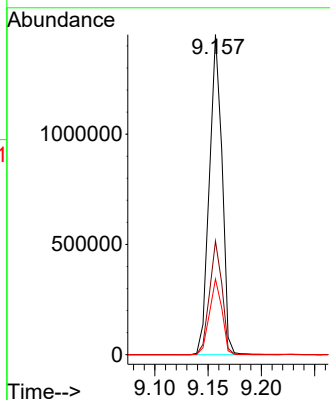
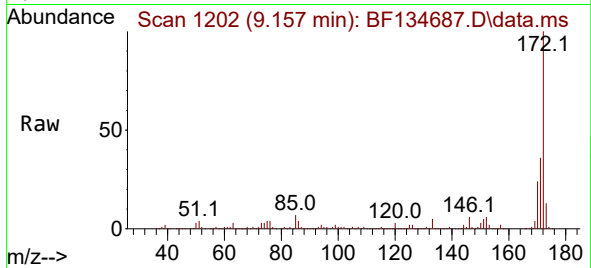
Tgt Ion:172 Resp: 1204187

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.6 18.7 28.1



#48

2-Nitroaniline

Concen: 3.178 ng

RT: 9.357 min Scan# 1236

Delta R.T. -0.024 min

Lab File: BF134687.D

Acq: 09 Aug 2023 13:09

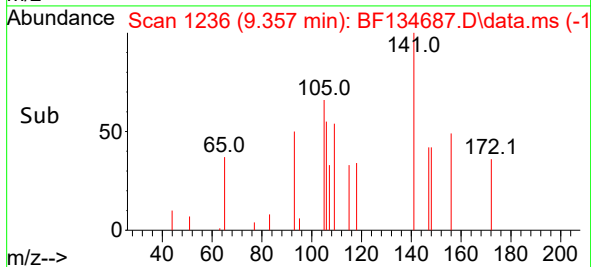
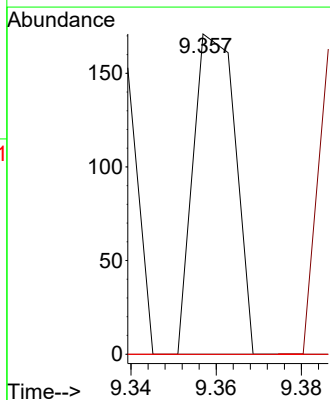
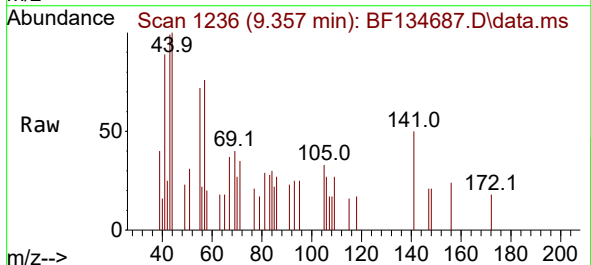
Tgt Ion: 65 Resp: 117

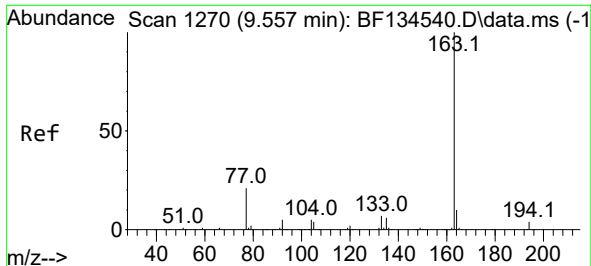
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

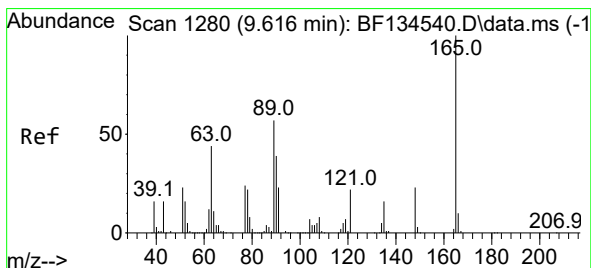
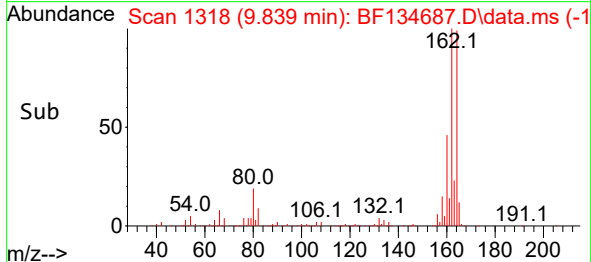
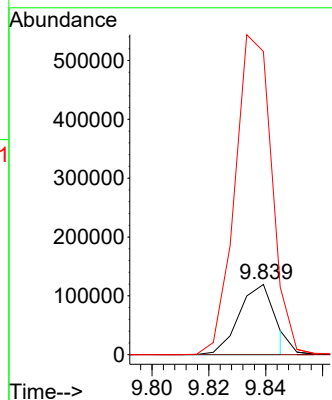
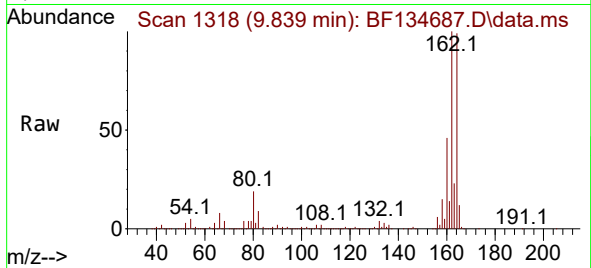




#50
Dimethylphthalate
Concen: 3.108 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.271 min
Lab File: BF134687.D
Acq: 09 Aug 2023 13:09

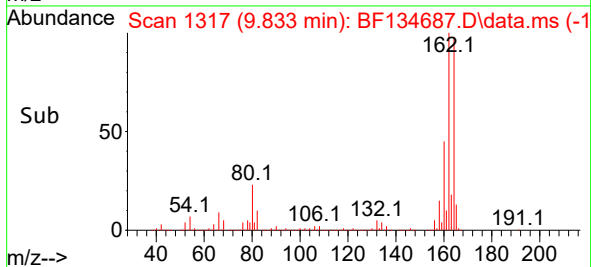
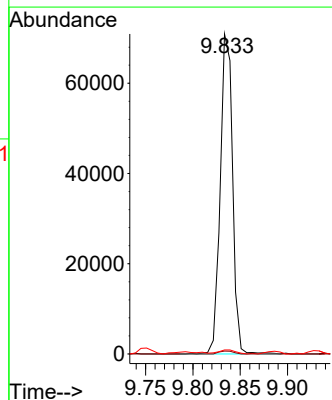
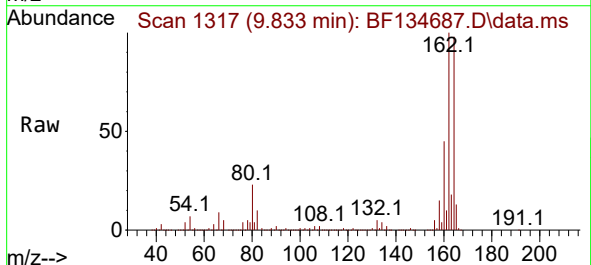
Instrument :
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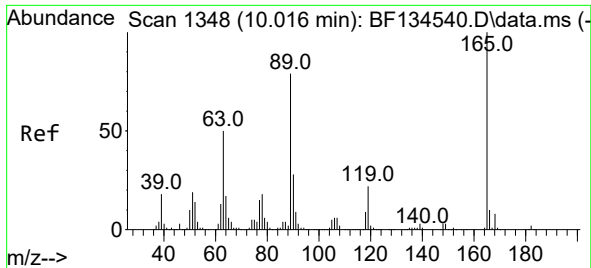
Tgt Ion:163 Resp: 104533
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 431.5 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.374 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134687.D
Acq: 09 Aug 2023 13:09

Tgt Ion:165 Resp: 64540
Ion Ratio Lower Upper
165 100
63 0.9 57.8 86.6#
89 1.2 51.8 77.8#

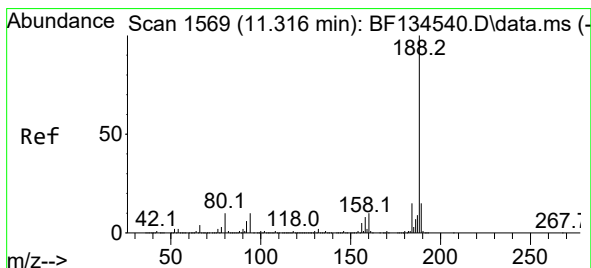
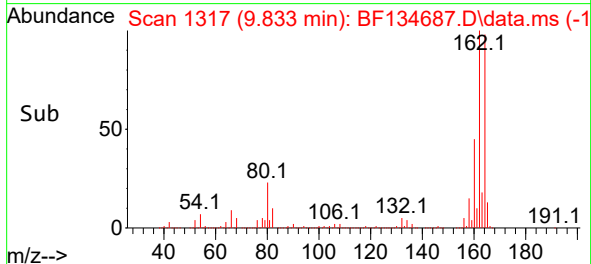
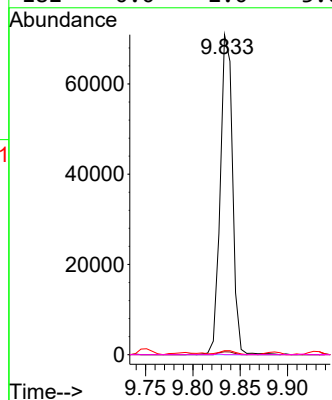
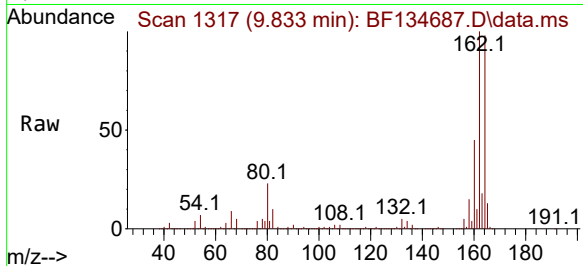




#57
2,4-Dinitrotoluene
Concen: 10.145 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134687.D
Acq: 09 Aug 2023 13:09

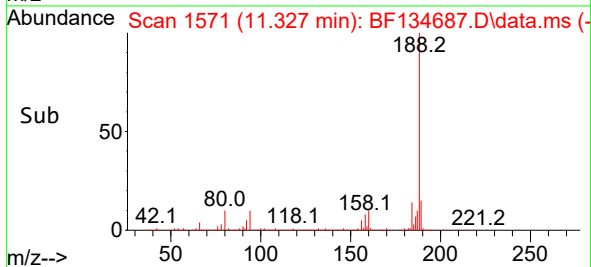
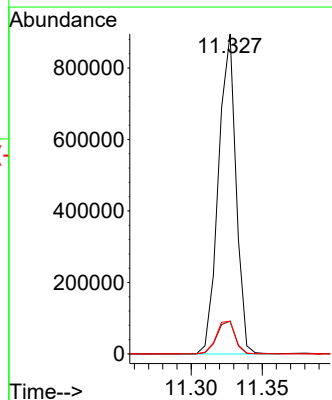
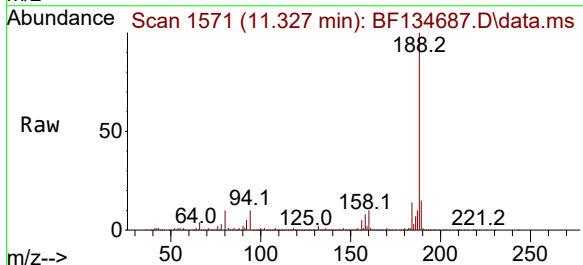
Instrument :
BNA_F
ClientSampleId :
MW-08

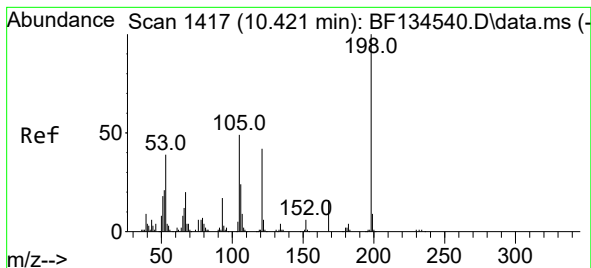
Tgt Ion:165 Resp: 64540
Ion Ratio Lower Upper
165 100
63 0.9 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF134687.D
Acq: 09 Aug 2023 13:09

Tgt Ion:188 Resp: 768418
Ion Ratio Lower Upper
188 100
94 10.3 5.1 7.7#
80 10.3 6.6 9.8#

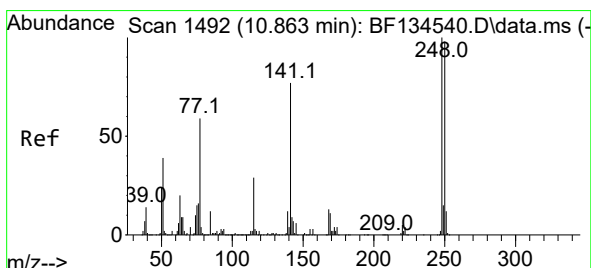
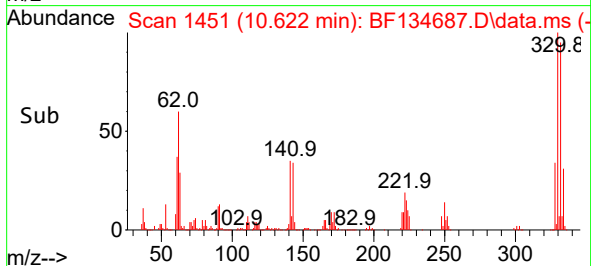
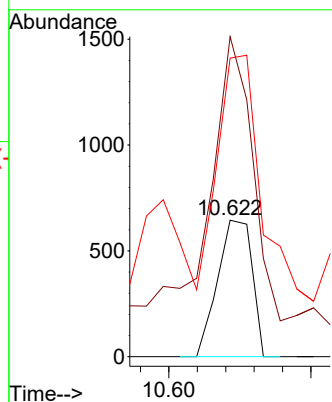
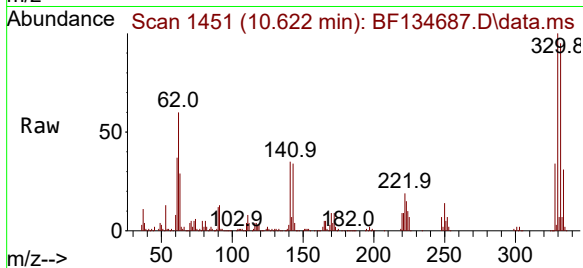




#65
4,6-Dinitro-2-methylphenol
Concen: 8.842 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.182 min
Lab File: BF134687.D
Acq: 09 Aug 2023 13:09

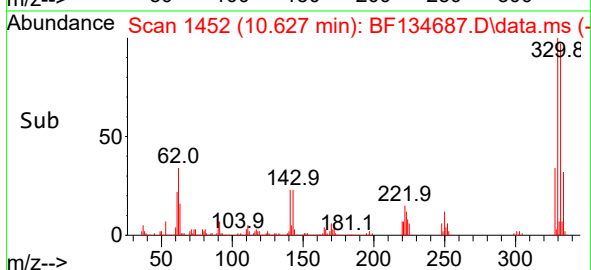
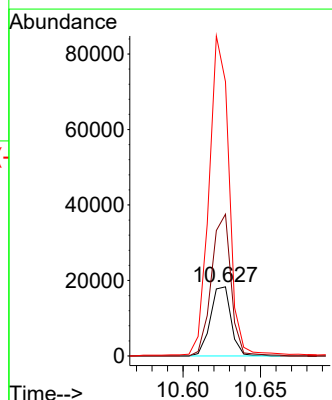
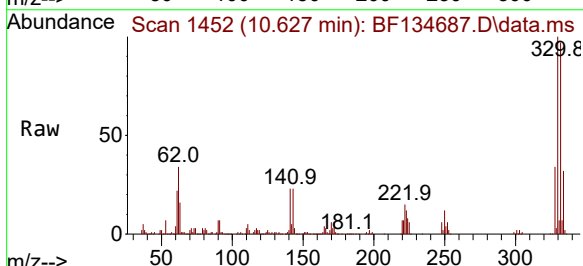
Instrument :
BNA_F
ClientSampleId :
MW-08

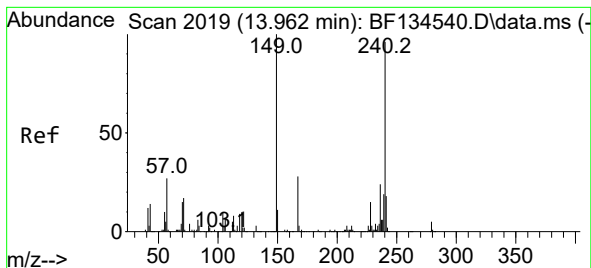
Tgt Ion:198 Resp: 543
Ion Ratio Lower Upper
198 100
51 234.4 38.6 78.6#
105 218.8 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.015 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.241 min
Lab File: BF134687.D
Acq: 09 Aug 2023 13:09

Tgt Ion:248 Resp: 16949
Ion Ratio Lower Upper
248 100
250 205.3 79.6 119.4#
141 397.1 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2019

Delta R.T. 0.006 min

Lab File: BF134687.D

Acq: 09 Aug 2023 13:09

Instrument :

BNA_F

ClientSampleId :

MW-08

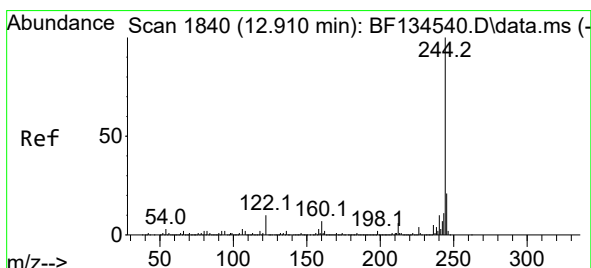
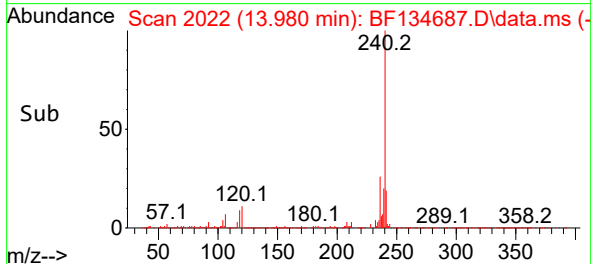
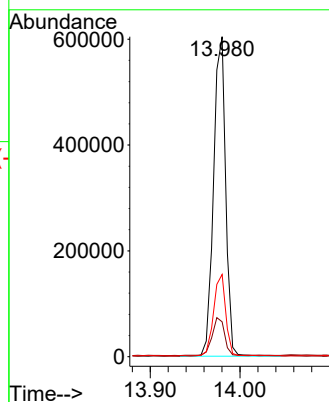
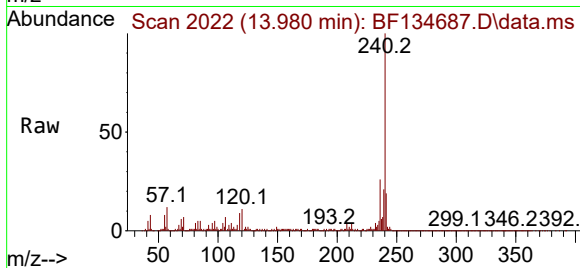
Tgt Ion:240 Resp: 565266

Ion Ratio Lower Upper

240 100

120 10.9 6.6 10.0#

236 25.7 20.2 30.2



#79

Terphenyl-d14

Concen: 31.244 ng

RT: 12.921 min Scan# 1842

Delta R.T. -0.000 min

Lab File: BF134687.D

Acq: 09 Aug 2023 13:09

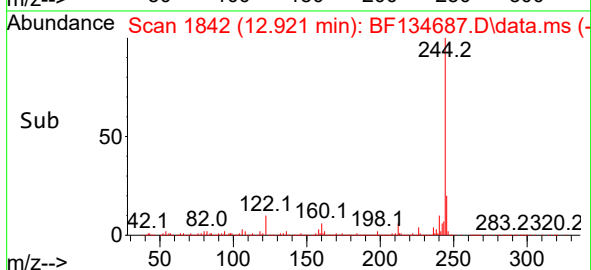
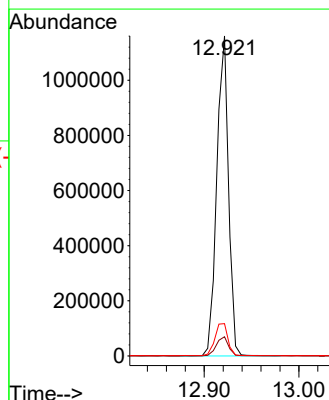
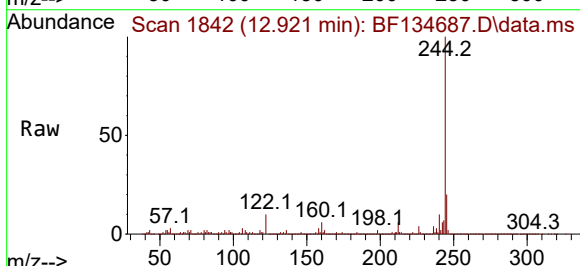
Tgt Ion:244 Resp: 1001848

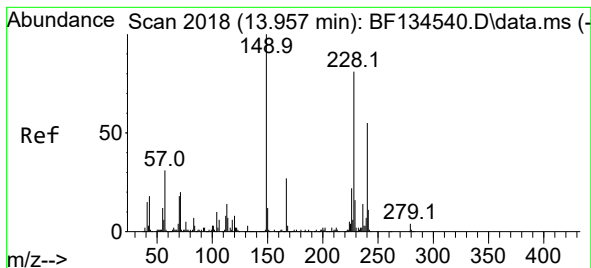
Ion Ratio Lower Upper

244 100

212 6.0 5.6 8.4

122 10.1 8.0 12.0

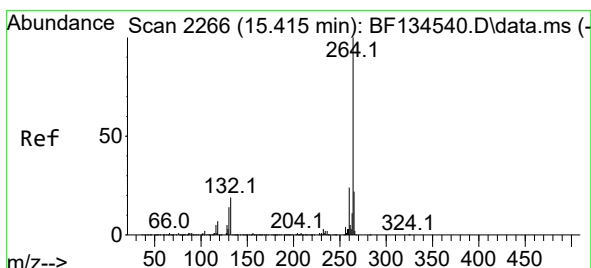
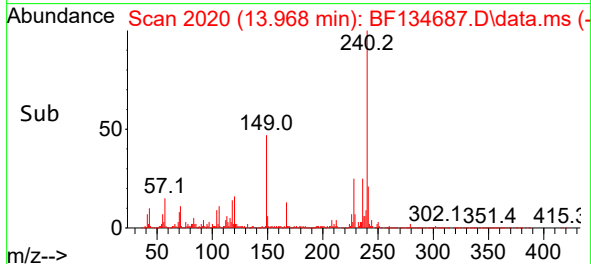
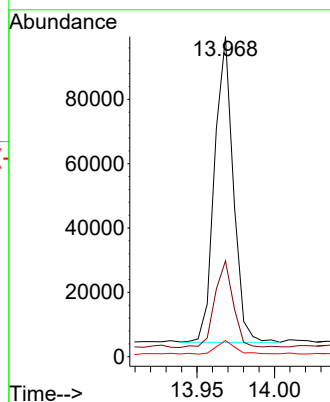
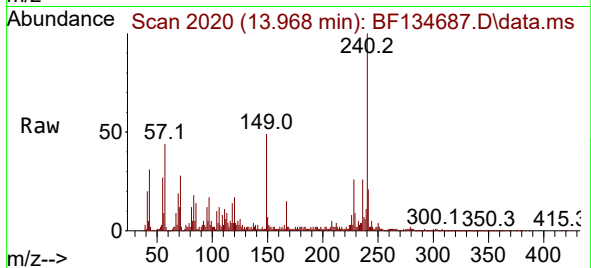




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.101 ng
 RT: 13.968 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: BF134687.D
 Acq: 09 Aug 2023 13:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Tgt Ion:149 Resp: 79825
 Ion Ratio Lower Upper
 149 100
 167 30.0 21.6 32.4
 279 5.0 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2273
 Delta R.T. 0.018 min
 Lab File: BF134687.D
 Acq: 09 Aug 2023 13:09

Tgt Ion:264 Resp: 481099
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 22.3 15.8 23.8

