

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
 Data File : BF134658.D
 Acq On : 07 Aug 2023 17:21
 Operator : CG\JU
 Sample : 03903-08 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Quant Time: Aug 08 01:23:03 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)

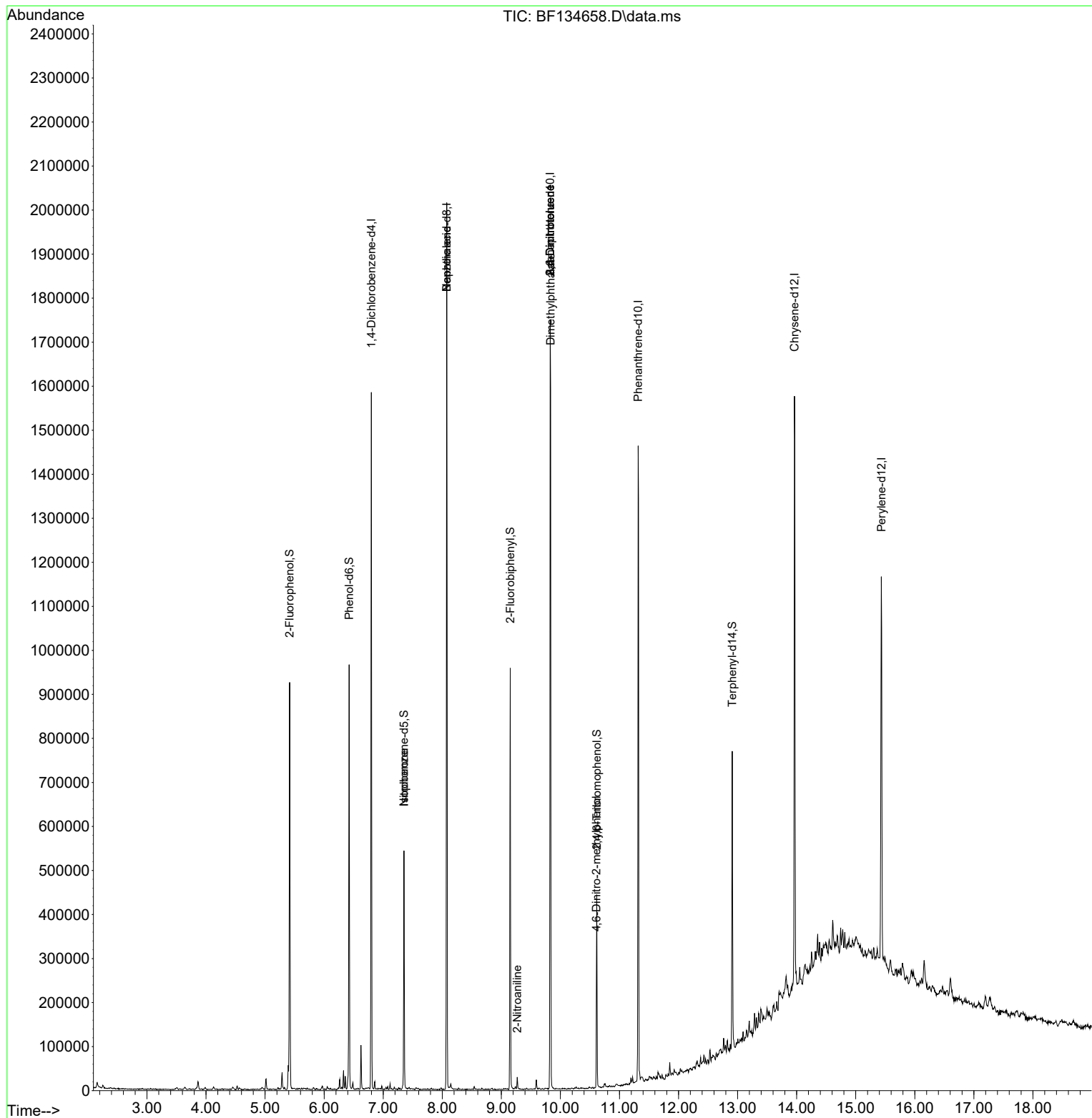
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	207595	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	777475	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	349656	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	530410	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	460122	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	419157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	210379	15.405	ng	-0.01
7) Phenol-d6	6.422	99	258785	14.824	ng	-0.02
23) Nitrobenzene-d5	7.351	82	136485	10.971	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	42933	12.045	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	258777	12.305	ng	-0.01
79) Terphenyl-d14	12.910	244	204376	7.830	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.357	77	1139	Below Cal	#	1
25) Isophorone	7.351	82	135339	4.988	ng	# 65
32) Benzoic acid	8.075	122	96	7.877	ng	# 1
48) 2-Nitroaniline	9.269	65	293	3.209	ng	# 8
50) Dimethylphthalate	9.834	163	72602	3.046	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	45644	11.357	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	45644	10.130	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	55	8.720	ng	# 1

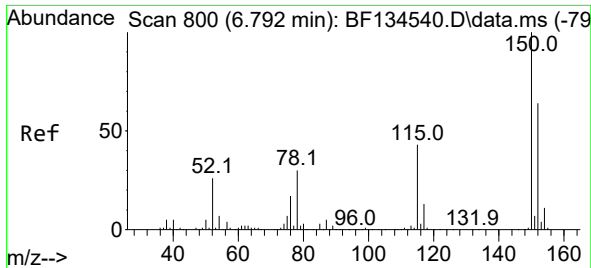
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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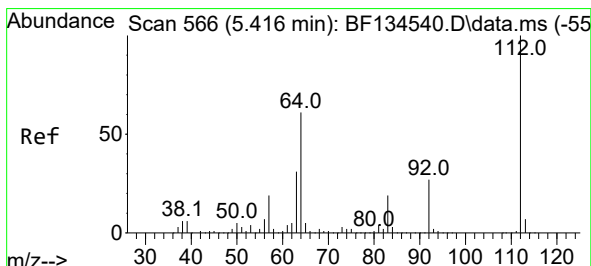
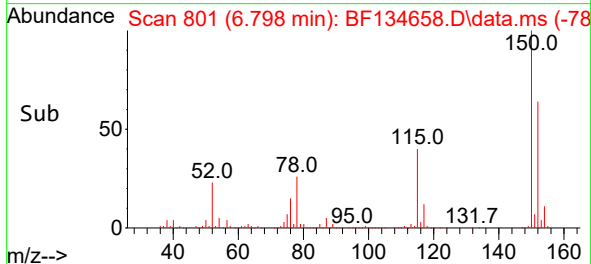
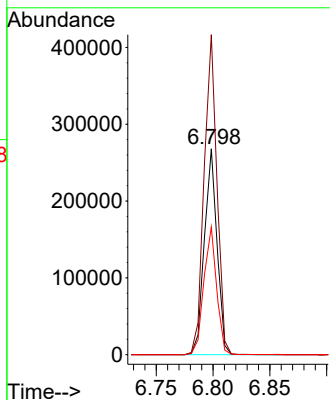
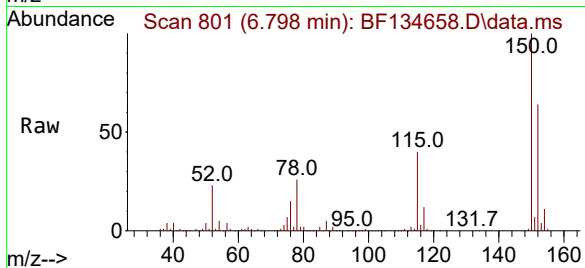




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134658.D
Acq: 07 Aug 2023 17:21

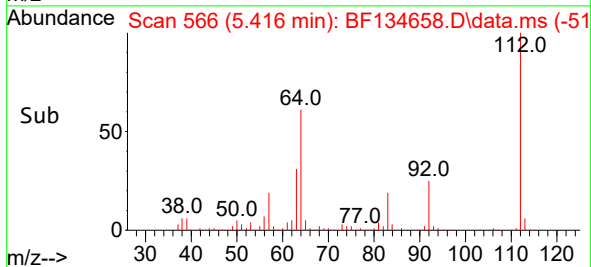
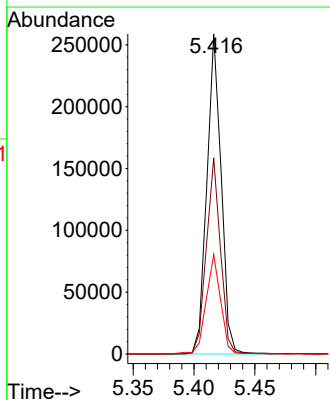
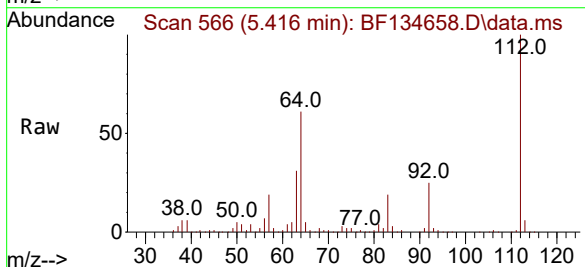
Instrument :
BNA_F
ClientSampleId :
MW-08

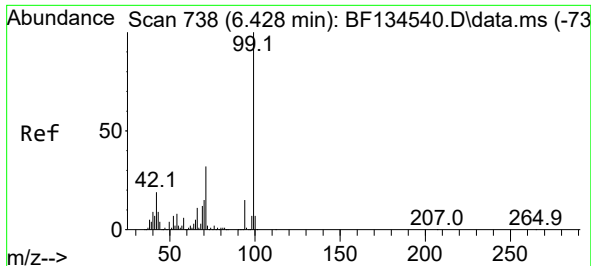
Tgt Ion:152 Resp: 207595
Ion Ratio Lower Upper
152 100
150 155.5 128.3 192.5
115 62.1 52.4 78.6



#5
2-Fluorophenol
Concen: 15.405 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF134658.D
Acq: 07 Aug 2023 17:21

Tgt Ion:112 Resp: 210379
Ion Ratio Lower Upper
112 100
64 61.3 44.9 67.3
63 31.0 25.4 38.0

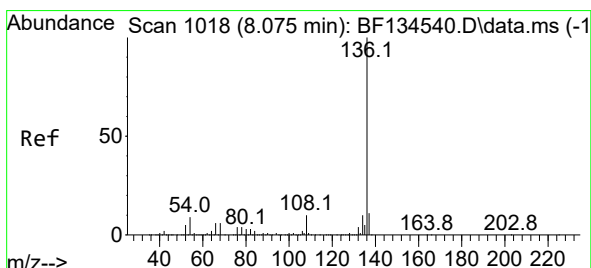
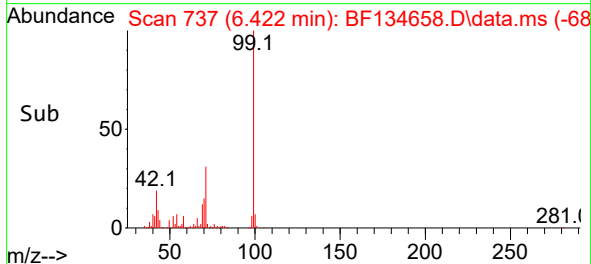
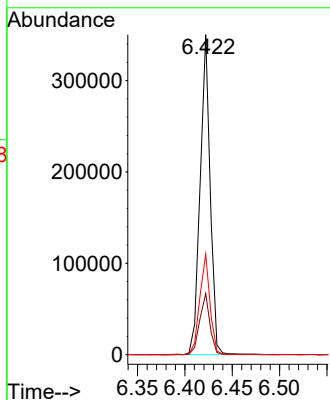
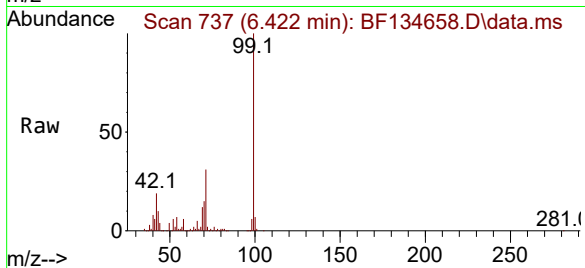




#7
Phenol-d6
Concen: 14.824 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF134658.D
Acq: 07 Aug 2023 17:21

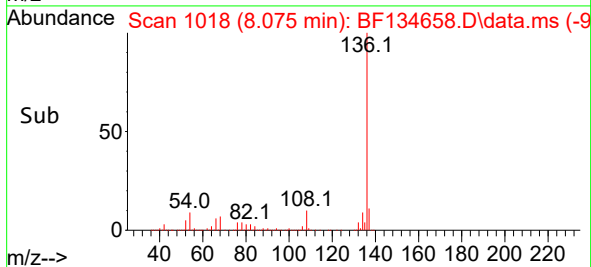
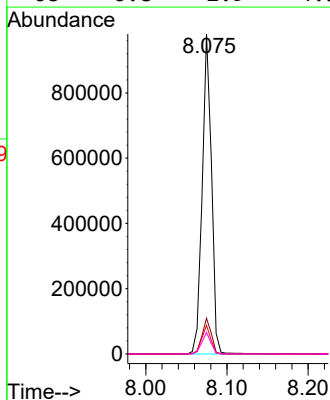
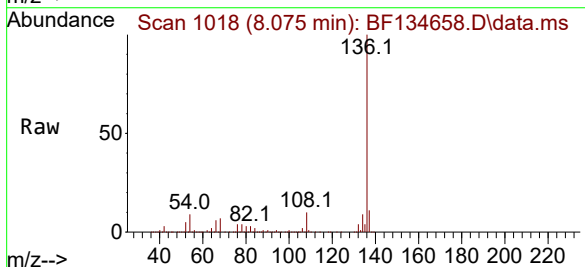
Instrument :
BNA_F
ClientSampleId :
MW-08

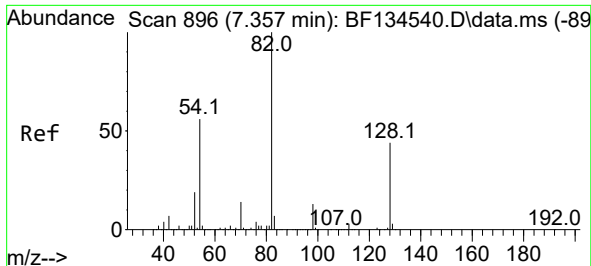
Tgt Ion: 99 Resp: 258785
Ion Ratio Lower Upper
99 100
42 19.1 18.7 28.1
71 31.4 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134658.D
Acq: 07 Aug 2023 17:21

Tgt Ion: 136 Resp: 777475
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.9 5.2 7.8#
68 6.8 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 10.971 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF134658.D

Acq: 07 Aug 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-08

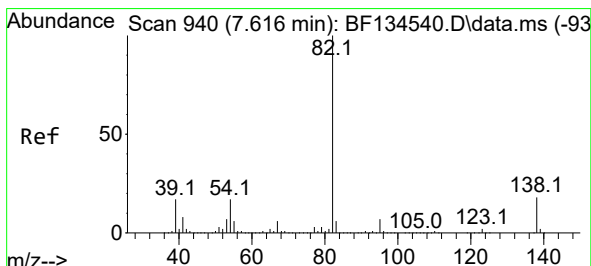
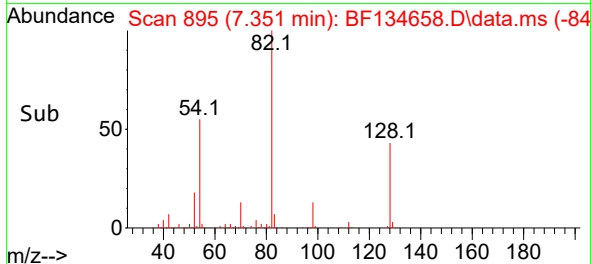
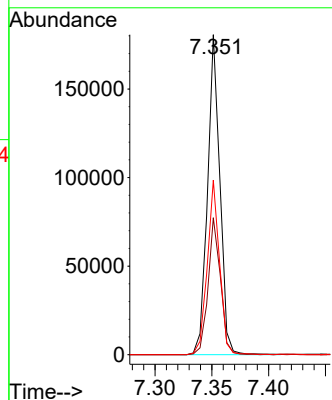
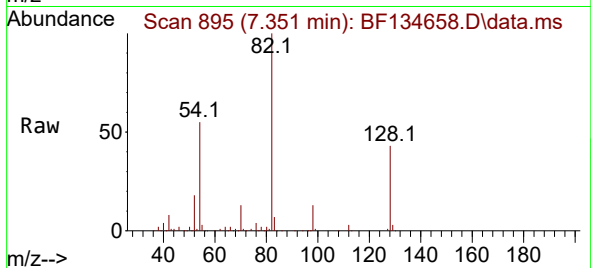
Tgt Ion: 82 Resp: 136485

Ion Ratio Lower Upper

82 100

128 42.8 34.3 51.5

54 54.6 43.8 65.6



#25

Isophorone

Concen: 4.988 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.276 min

Lab File: BF134658.D

Acq: 07 Aug 2023 17:21

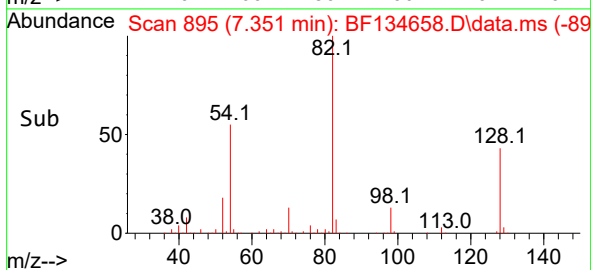
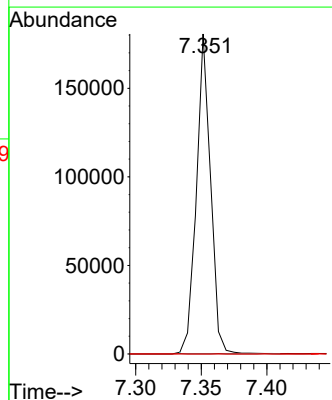
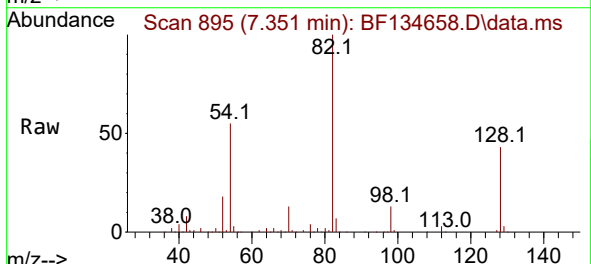
Tgt Ion: 82 Resp: 135339

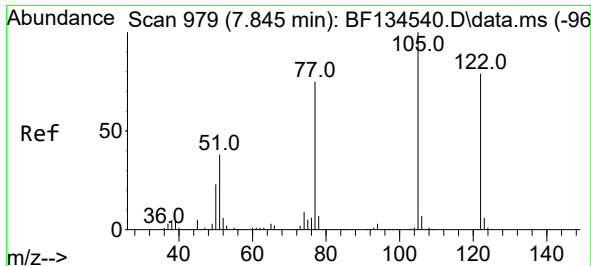
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 14.6 22.0#





#32

Benzoic acid

Concen: 7.877 ng

RT: 8.075 min Scan# 1018

Delta R.T. 0.212 min

Lab File: BF134658.D

Acq: 07 Aug 2023 17:21

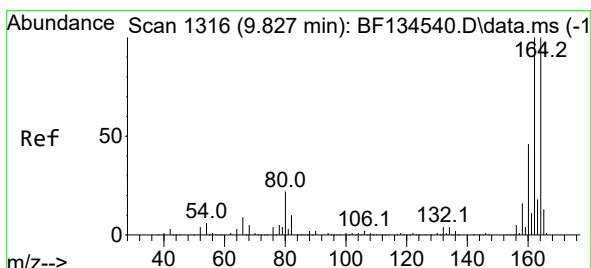
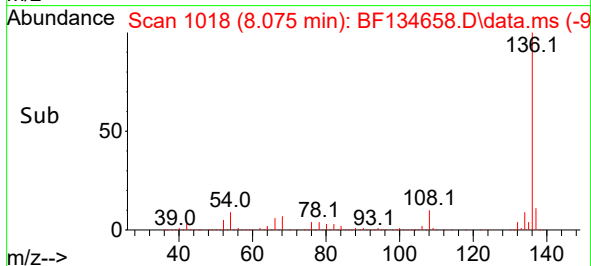
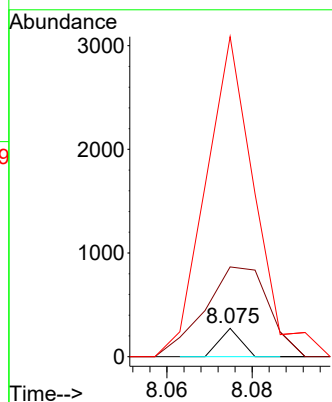
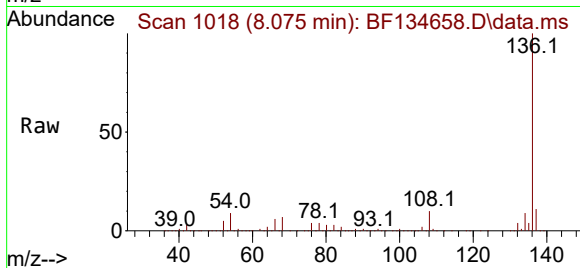
Instrument :

BNA_F

ClientSampleId :

MW-08

Tgt Ion:	122	Resp:	96
Ion	Ratio	Lower	Upper
122	100		
105	316.8	87.5	127.5#
77	1130.8	71.4	111.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

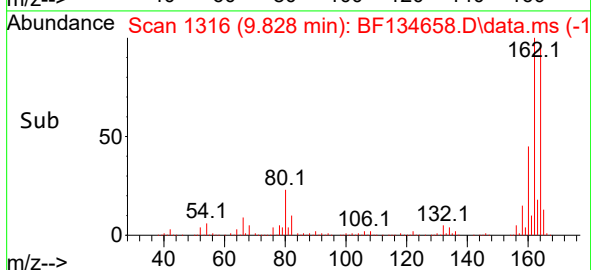
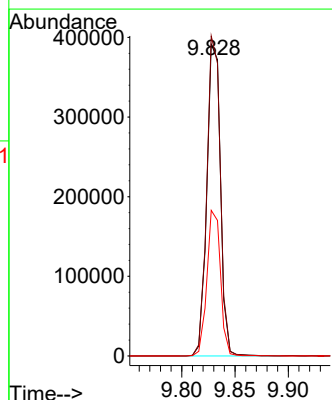
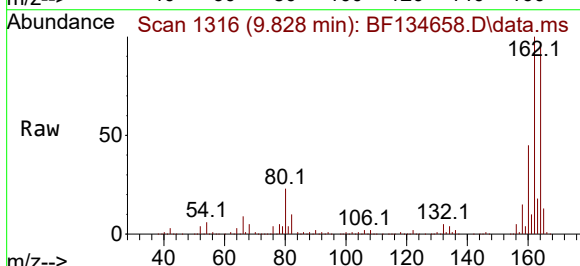
RT: 9.828 min Scan# 1316

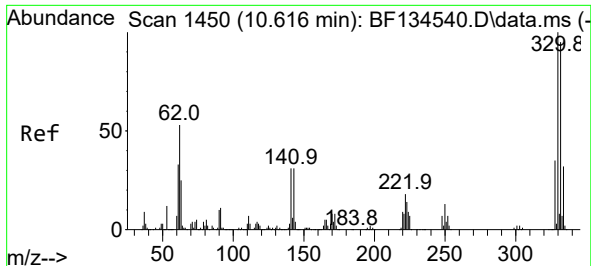
Delta R.T. -0.006 min

Lab File: BF134658.D

Acq: 07 Aug 2023 17:21

Tgt Ion:	164	Resp:	349656
Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	46.7	37.2	55.8

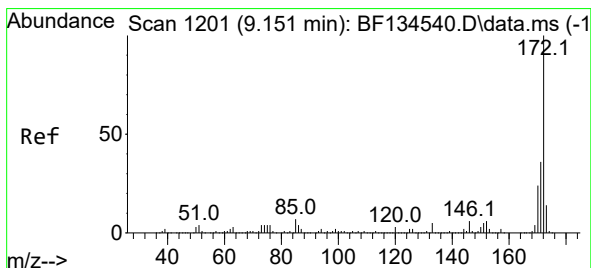
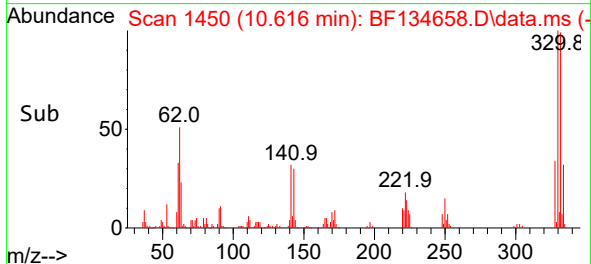
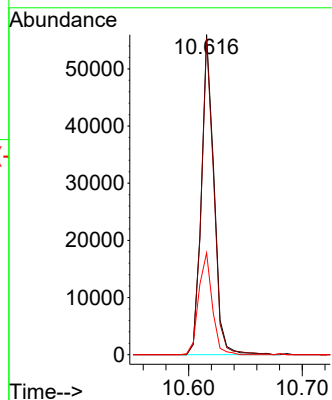
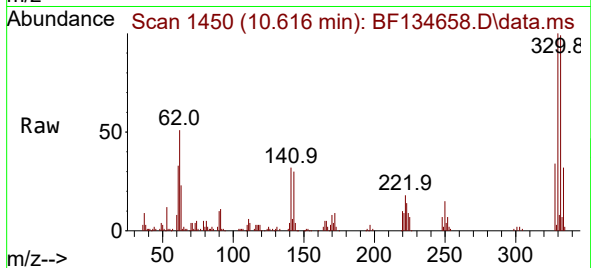




#42
 2,4,6-Tribromophenol
 Concen: 12.045 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. -0.012 min
 Lab File: BF134658.D
 Acq: 07 Aug 2023 17:21

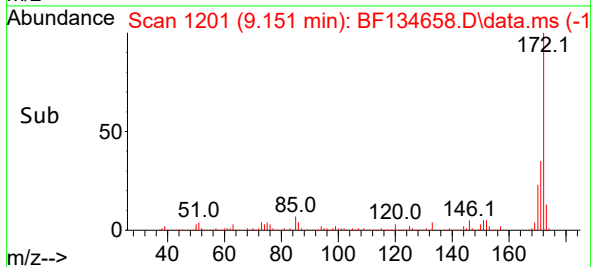
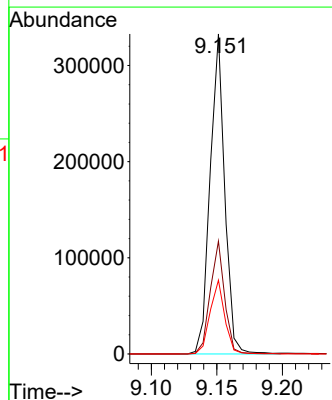
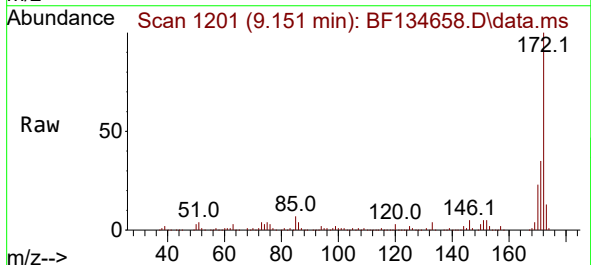
Instrument :
 BNA_F
 ClientSampleId :
 MW-08

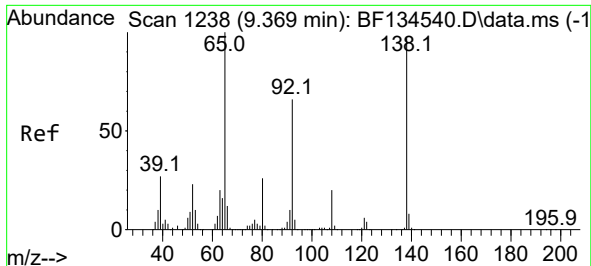
Tgt Ion: 330 Resp: 42933
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.8 118.2
 141 34.2 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 12.305 ng
 RT: 9.151 min Scan# 1201
 Delta R.T. -0.012 min
 Lab File: BF134658.D
 Acq: 07 Aug 2023 17:21

Tgt Ion: 172 Resp: 258777
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.8 43.2
 170 23.1 18.7 28.1

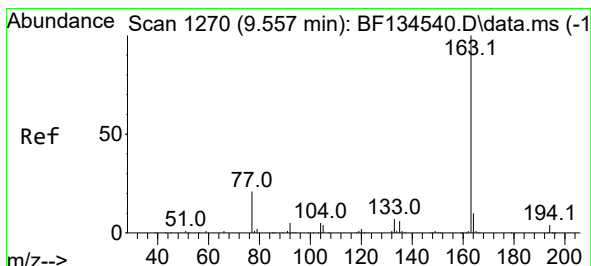
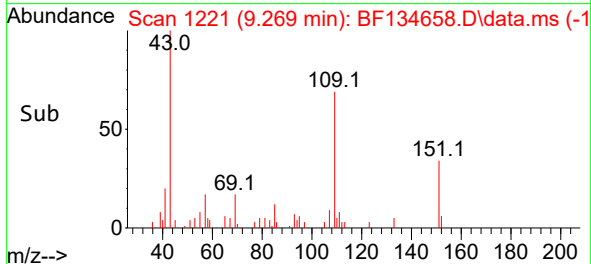
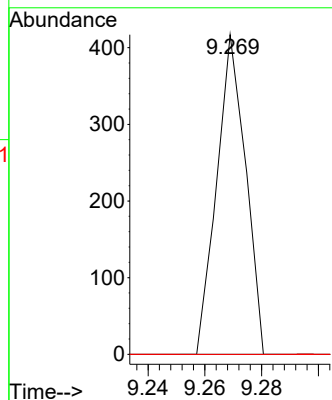
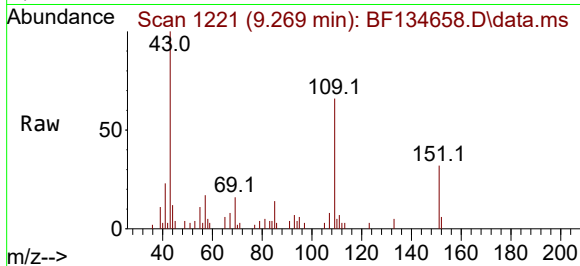




#48
2-Nitroaniline
Concen: 3.209 ng
RT: 9.269 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF134658.D
Acq: 07 Aug 2023 17:21

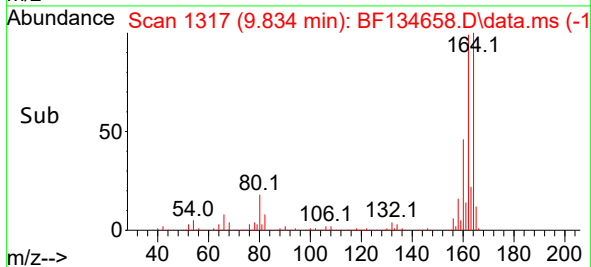
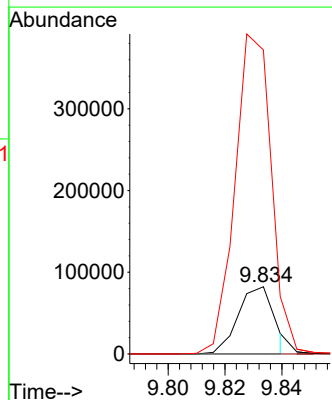
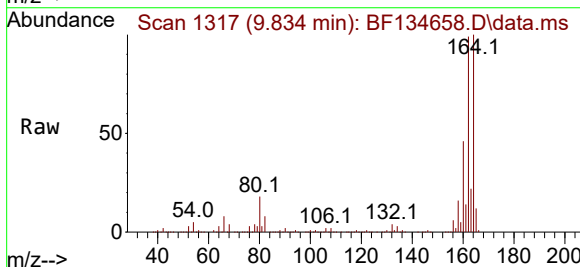
Instrument :
BNA_F
ClientSampleId :
MW-08

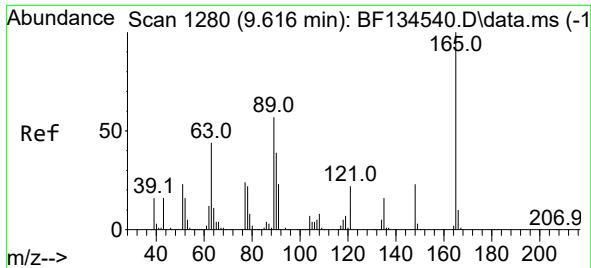
Tgt Ion: 65 Resp: 293
Ion Ratio Lower Upper
65 100
92 0.0 50.7 76.1#
138 0.0 78.2 117.4#



#50
Dimethylphthalate
Concen: 3.046 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134658.D
Acq: 07 Aug 2023 17:21

Tgt Ion: 163 Resp: 72602
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 452.3 7.5 11.3#

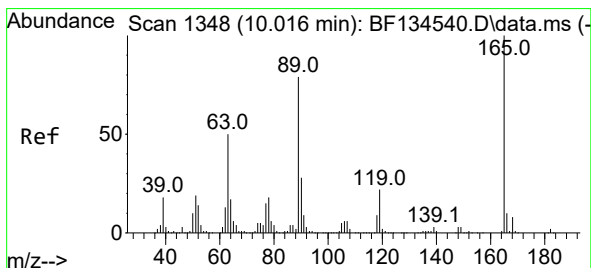
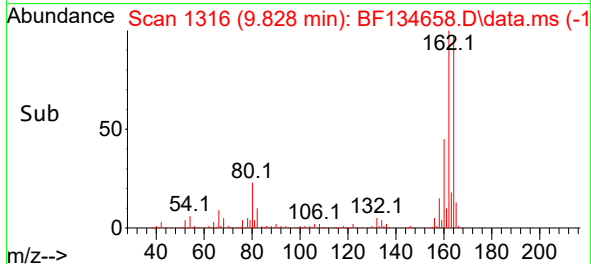
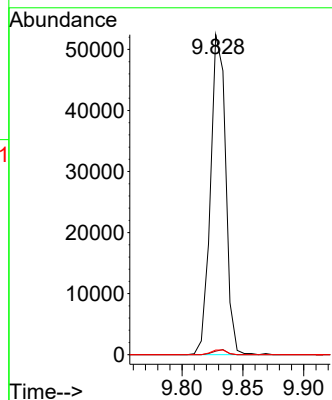
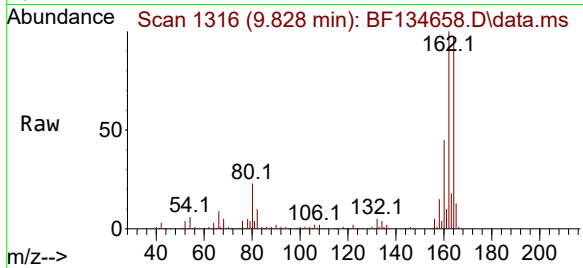




#51
2,6-Dinitrotoluene
Concen: 11.357 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134658.D
Acq: 07 Aug 2023 17:21

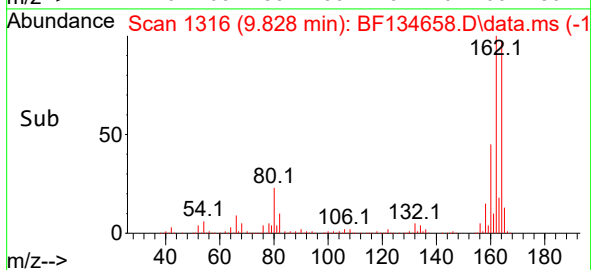
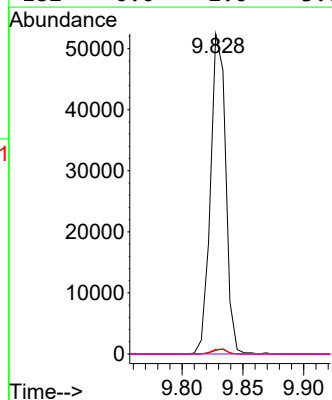
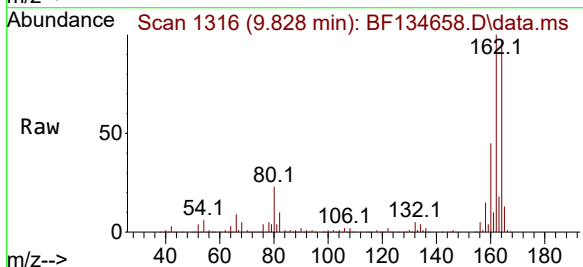
Instrument :
BNA_F
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MW-08

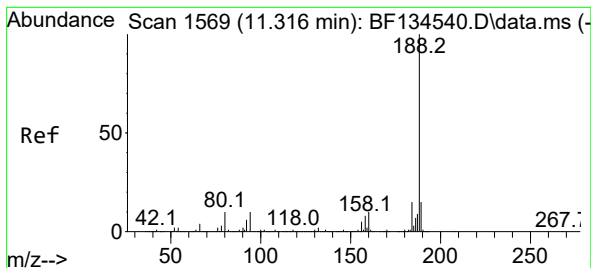
Tgt Ion:165 Resp: 45644
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 1.4 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.130 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF134658.D
Acq: 07 Aug 2023 17:21

Tgt Ion:165 Resp: 45644
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.4 61.7 92.5#
182 0.0 2.0 3.0#

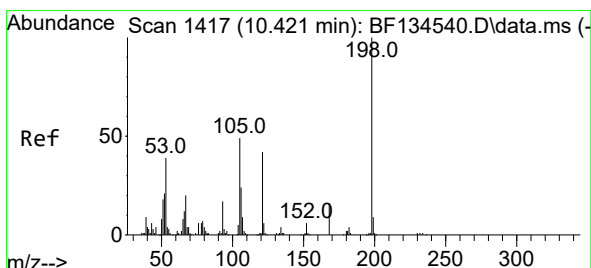
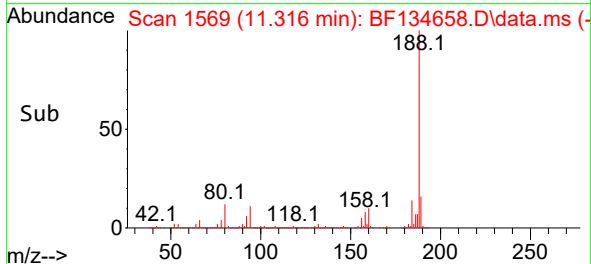
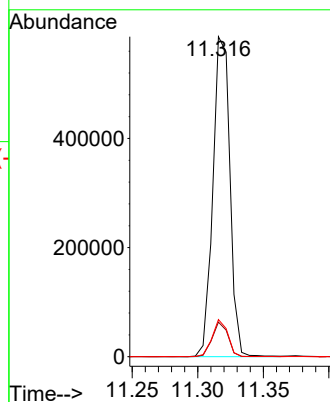
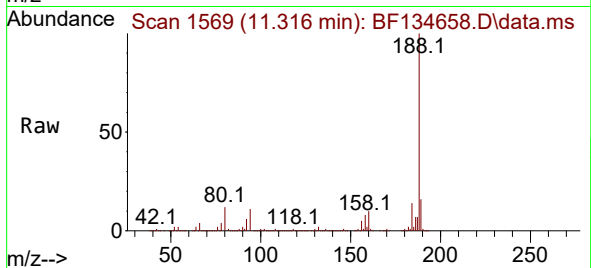




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134658.D
Acq: 07 Aug 2023 17:21

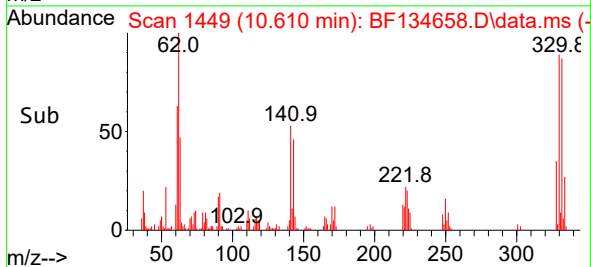
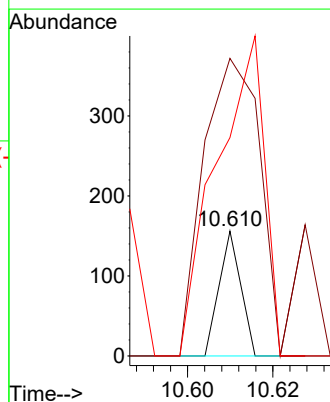
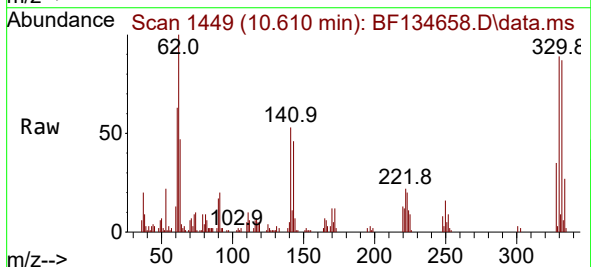
Instrument :
BNA_F
ClientSampleId :
MW-08

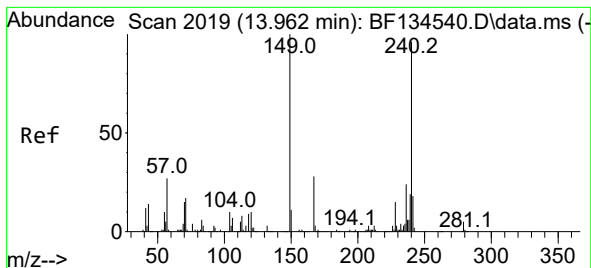
Tgt Ion:188 Resp: 530410
Ion Ratio Lower Upper
188 100
94 10.8 5.1 7.7#
80 11.6 6.6 9.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 8.720 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.171 min
Lab File: BF134658.D
Acq: 07 Aug 2023 17:21

Tgt Ion:198 Resp: 55
Ion Ratio Lower Upper
198 100
51 238.5 38.6 78.6#
105 175.0 27.9 67.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF134658.D

Acq: 07 Aug 2023 17:21

Instrument :

BNA_F

ClientSampleId :

MW-08

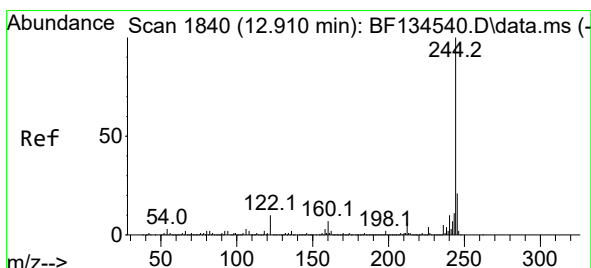
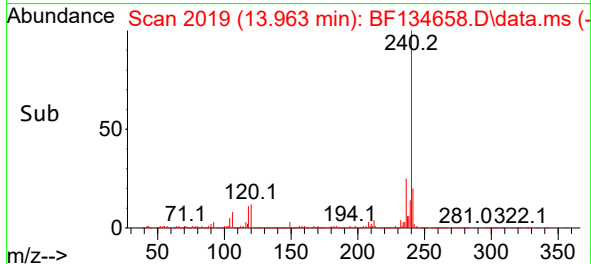
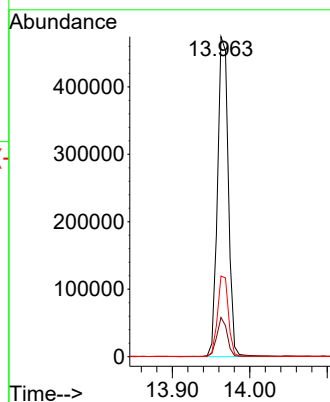
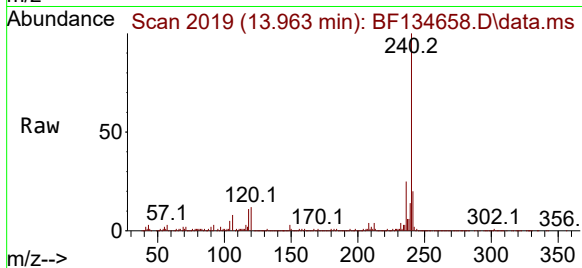
Tgt Ion:240 Resp: 460122

Ion Ratio Lower Upper

240 100

120 12.3 6.6 10.0#

236 25.2 20.2 30.2



#79

Terphenyl-d14

Concen: 7.830 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF134658.D

Acq: 07 Aug 2023 17:21

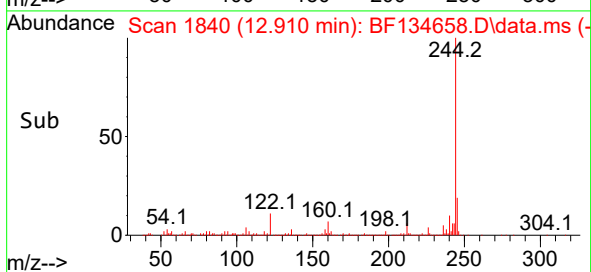
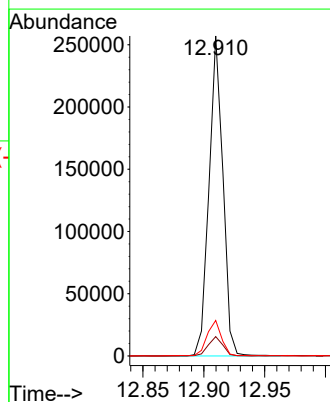
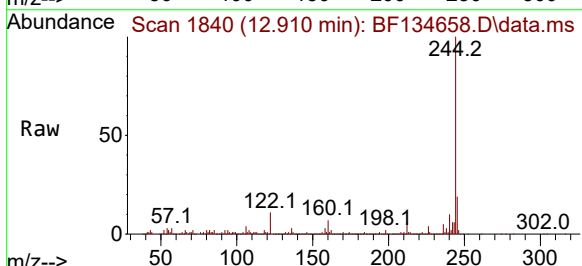
Tgt Ion:244 Resp: 204376

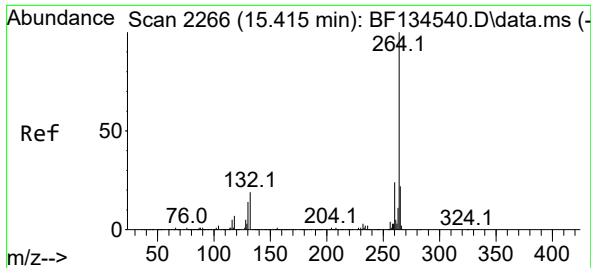
Ion Ratio Lower Upper

244 100

212 6.0 5.6 8.4

122 11.1 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134658.D
Acq: 07 Aug 2023 17:21

Instrument :
BNA_F
ClientSampleId :
MW-08

Tgt Ion:264 Resp: 419157

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	22.1	15.8	23.8

