

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080723\
 Data File : BF134660.D
 Acq On : 07 Aug 2023 18:27
 Operator : CG\JU
 Sample : 03903-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Aug 08 01:23:37 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)

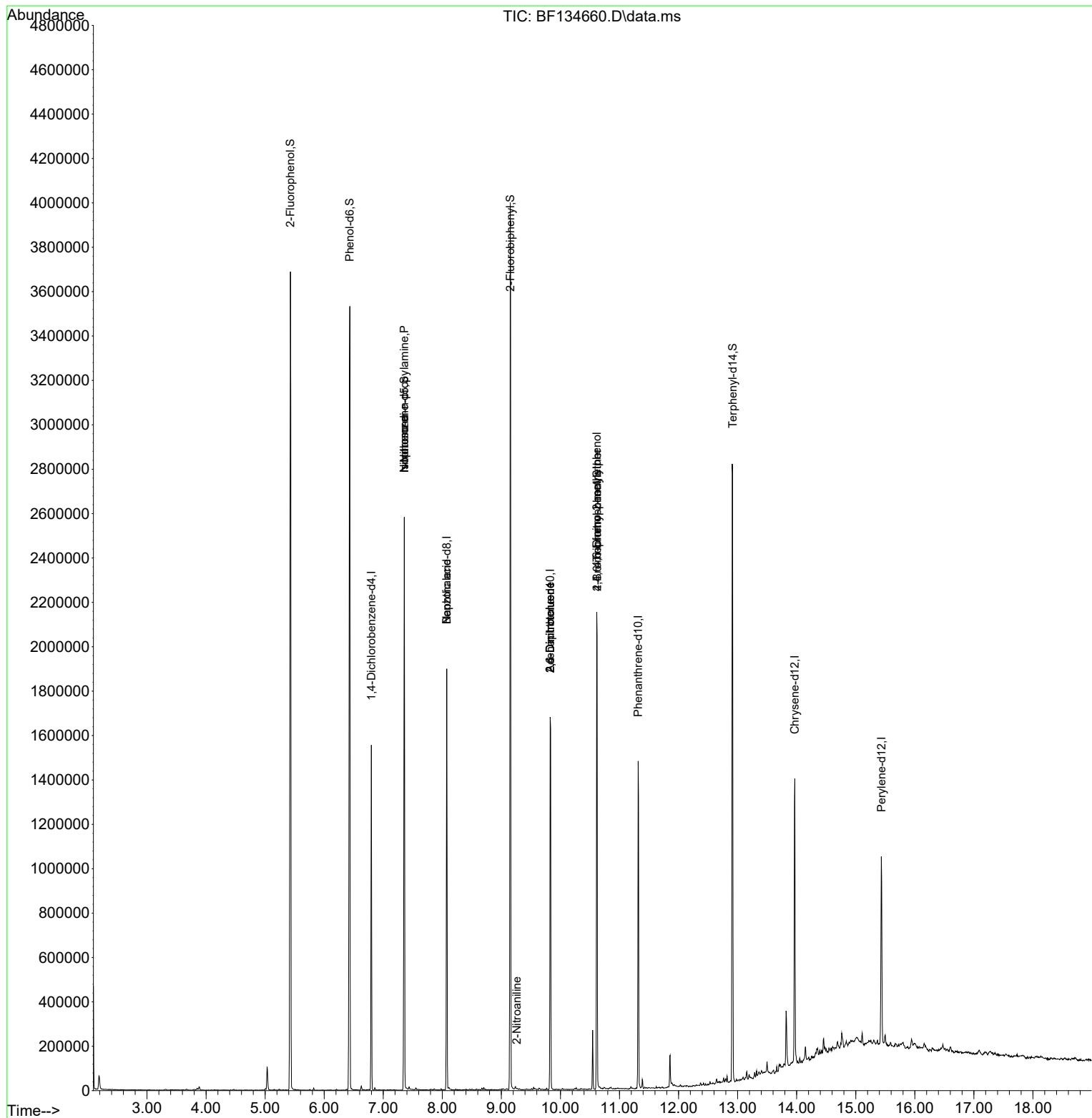
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	196802	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	755971	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	343841	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	532547	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	445703	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	388246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1074264	82.976	ng	0.00
7) Phenol-d6	6.434	99	1326560	80.156	ng	0.00
23) Nitrobenzene-d5	7.357	82	760403	62.859	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	268380	76.568	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1276439	61.724	ng	-0.01
79) Terphenyl-d14	12.916	244	1031645	40.804	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.434	77	2281	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	104245	10.520	ng	# 74
25) Isophorone	7.357	82	756008	28.653	ng	# 65
32) Benzoic acid	8.075	122	73	7.875	ng	# 1
48) 2-Nitroaniline	9.263	65	68	3.176	ng	# 8
51) 2,6-Dinitrotoluene	9.827	165	44756	11.332	ng	# 17
57) 2,4-Dinitrotoluene	9.827	165	44756	10.110	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	683	8.959	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	16723	2.869	ng	# 1

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

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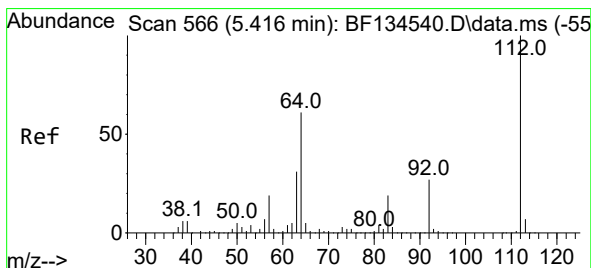
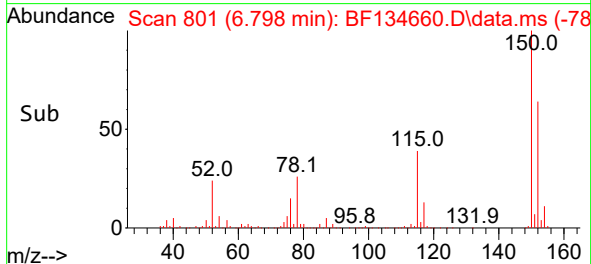
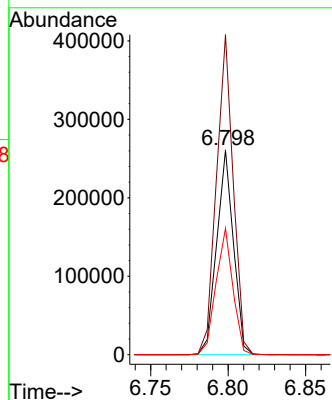
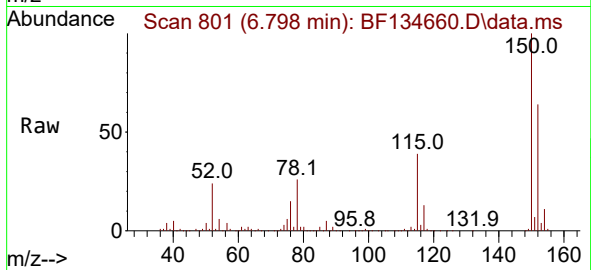




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF134660.D
 Acq: 07 Aug 2023 18:27

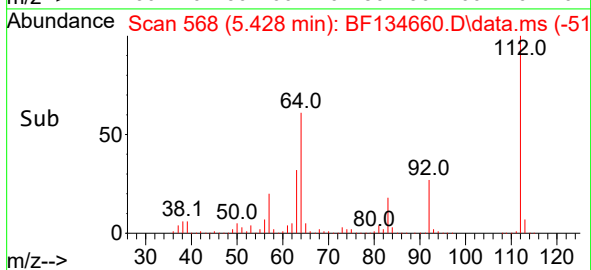
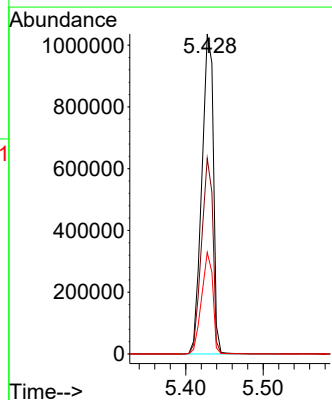
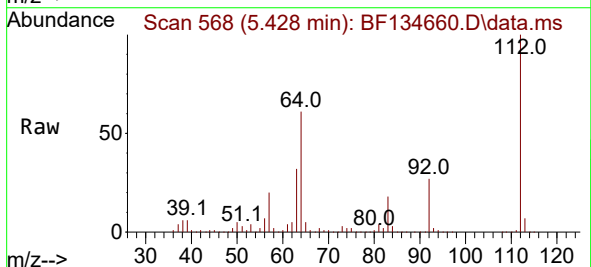
Instrument :
 BNA_F
 ClientSampleId :
 MW-04

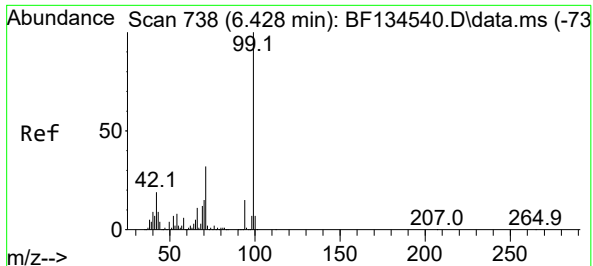
Tgt Ion:152 Resp: 196802
 Ion Ratio Lower Upper
 152 100
 150 156.3 128.3 192.5
 115 61.6 52.4 78.6



#5
 2-Fluorophenol
 Concen: 82.976 ng
 RT: 5.428 min Scan# 568
 Delta R.T. -0.000 min
 Lab File: BF134660.D
 Acq: 07 Aug 2023 18:27

Tgt Ion:112 Resp: 1074264
 Ion Ratio Lower Upper
 112 100
 64 61.1 44.9 67.3
 63 31.8 25.4 38.0

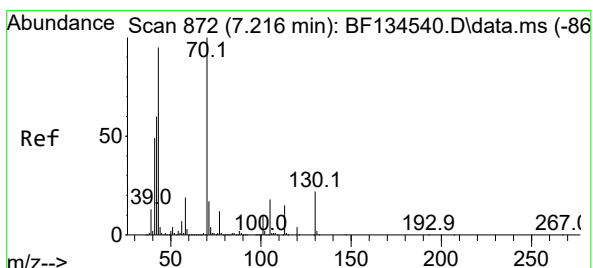
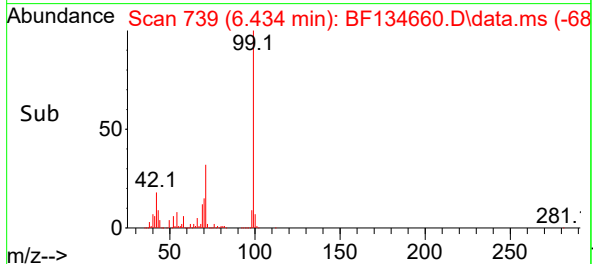
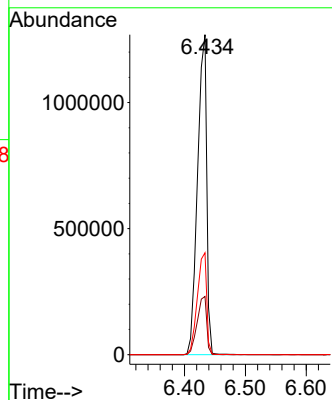
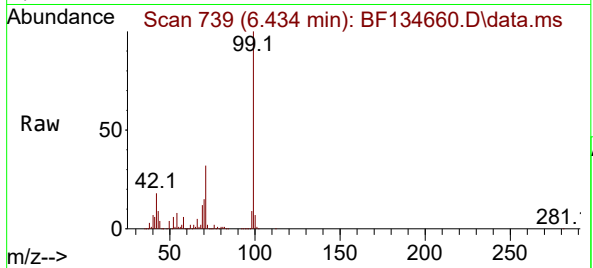




#7
Phenol-d6
Concen: 80.156 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134660.D
Acq: 07 Aug 2023 18:27

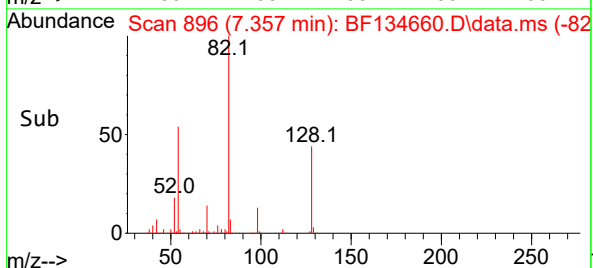
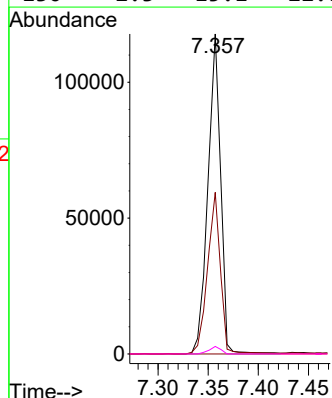
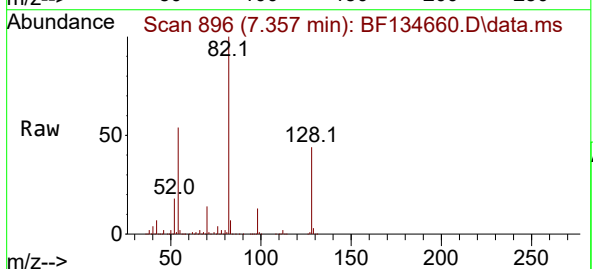
Instrument :
BNA_F
ClientSampleId :
MW-04

Tgt Ion: 99 Resp: 1326560
Ion Ratio Lower Upper
99 100
42 18.2 18.7 28.1#
71 31.9 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 10.520 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134660.D
Acq: 07 Aug 2023 18:27

Tgt Ion: 70 Resp: 104245
Ion Ratio Lower Upper
70 100
42 50.5 54.7 82.1#
101 0.0 8.2 12.2#
130 2.3 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF134660.D

Acq: 07 Aug 2023 18:27

Instrument :

BNA_F

ClientSampleId :

MW-04

Tgt Ion:136 Resp: 755971

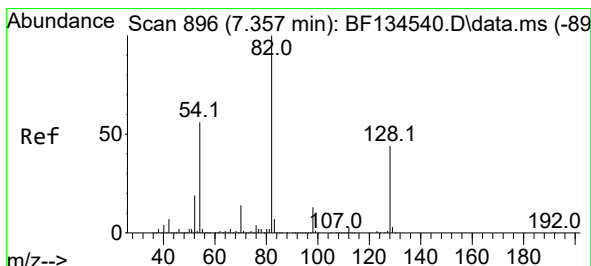
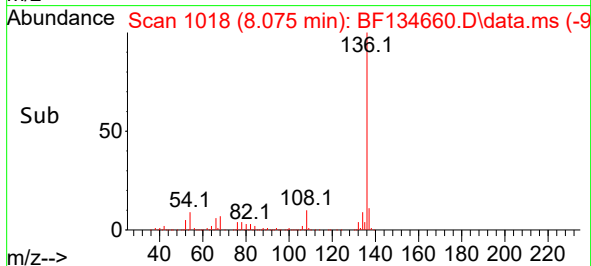
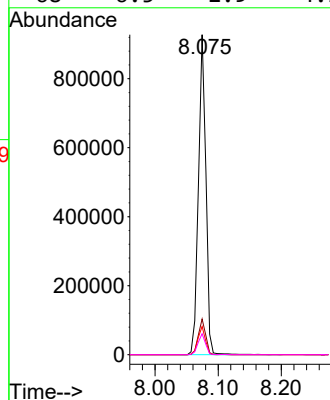
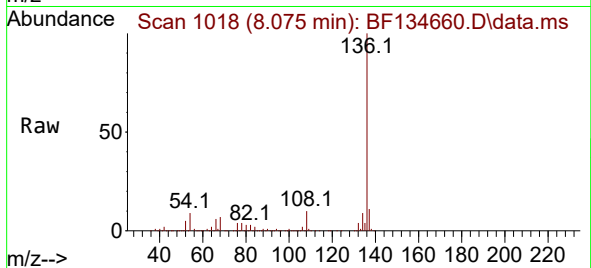
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.8 5.2 7.8#

68 6.5 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 62.859 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134660.D

Acq: 07 Aug 2023 18:27

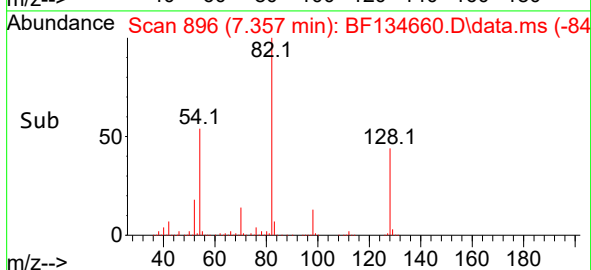
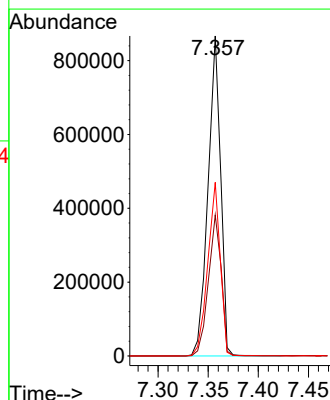
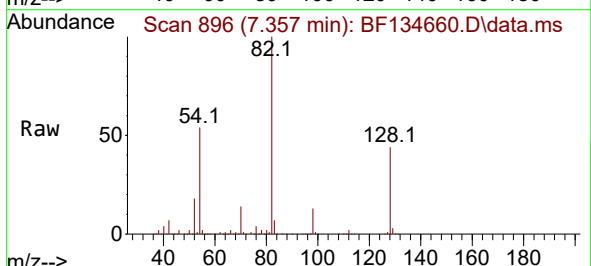
Tgt Ion: 82 Resp: 760403

Ion Ratio Lower Upper

82 100

128 44.1 34.3 51.5

54 54.3 43.8 65.6

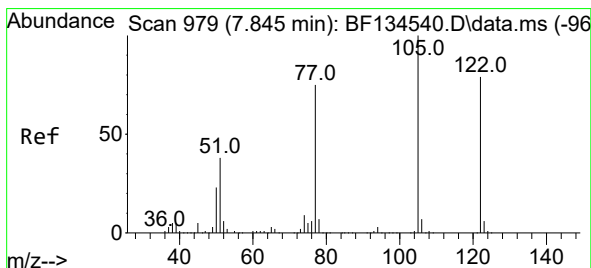
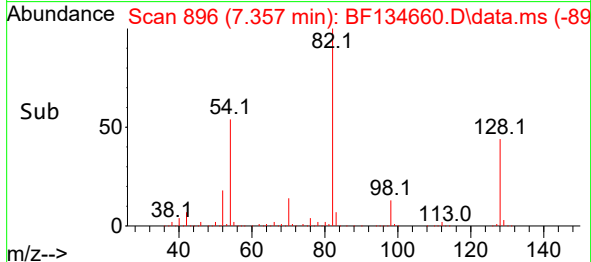
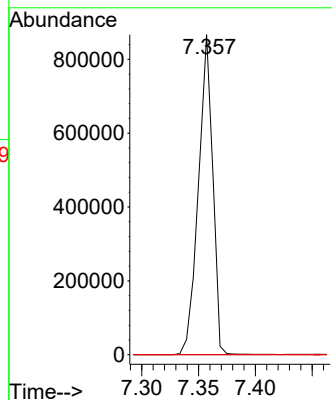
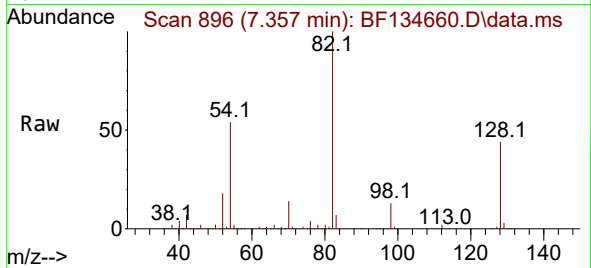




#25
Isophorone
Concen: 28.653 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF134660.D
Acq: 07 Aug 2023 18:27

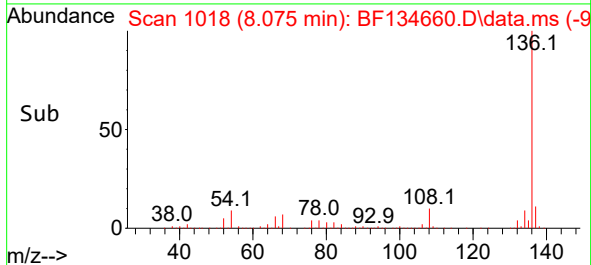
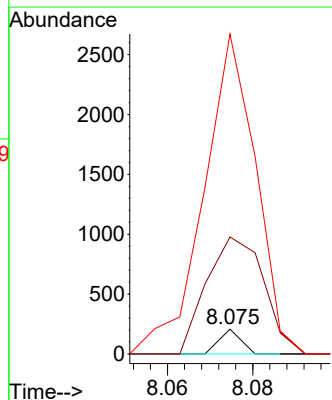
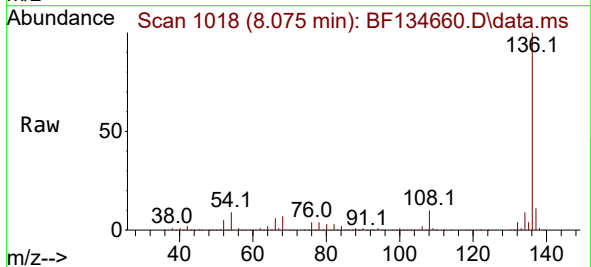
Instrument :
BNA_F
ClientSampleId :
MW-04

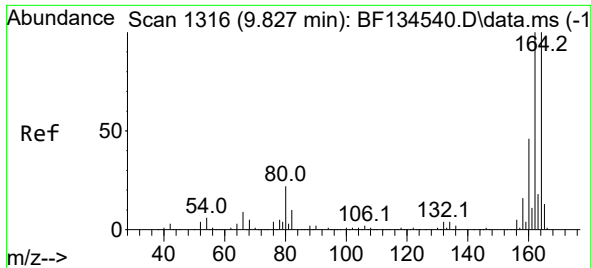
Tgt Ion: 82 Resp: 756008
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.875 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.212 min
Lab File: BF134660.D
Acq: 07 Aug 2023 18:27

Tgt Ion:122 Resp: 73
Ion Ratio Lower Upper
122 100
105 469.7 87.5 127.5#
77 1285.1 71.4 111.4#

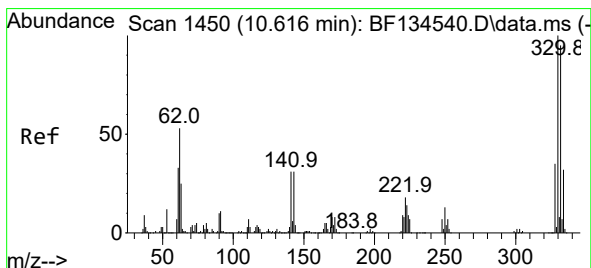
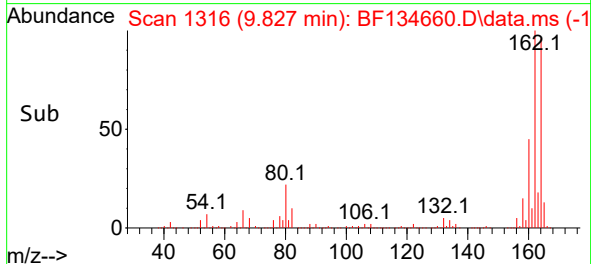
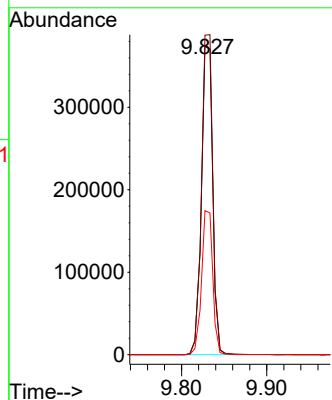
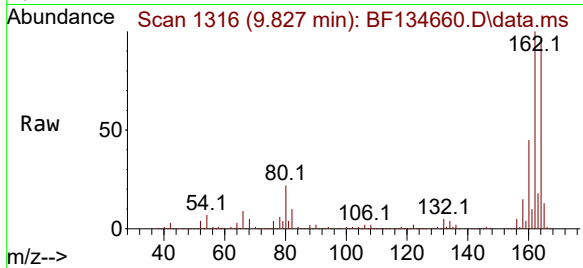




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.827 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134660.D
 Acq: 07 Aug 2023 18:27

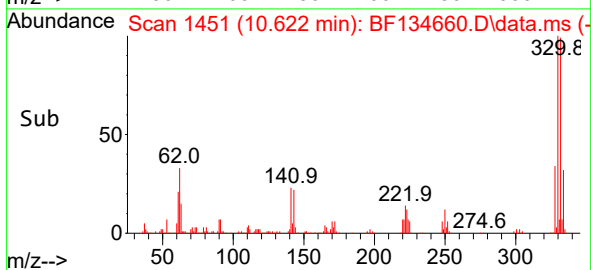
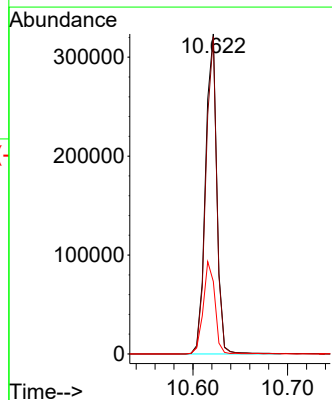
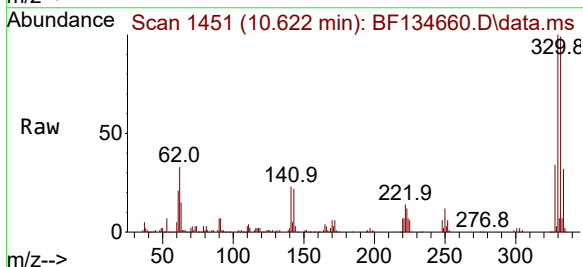
Instrument :
 BNA_F
 ClientSampleId :
 MW-04

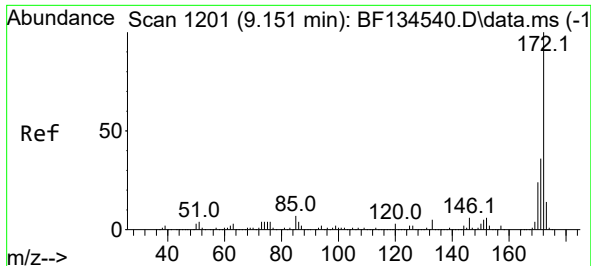
Tgt Ion:	164	Resp:	343841
Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	46.7	37.2	55.8



#42
 2,4,6-Tribromophenol
 Concen: 76.568 ng
 RT: 10.622 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF134660.D
 Acq: 07 Aug 2023 18:27

Tgt Ion:	330	Resp:	268380
Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.8	118.2
141	29.8	25.4	38.2





#45

2-Fluorobiphenyl

Concen: 61.724 ng

RT: 9.151 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134660.D

Acq: 07 Aug 2023 18:27

Instrument :

BNA_F

ClientSampleId :

MW-04

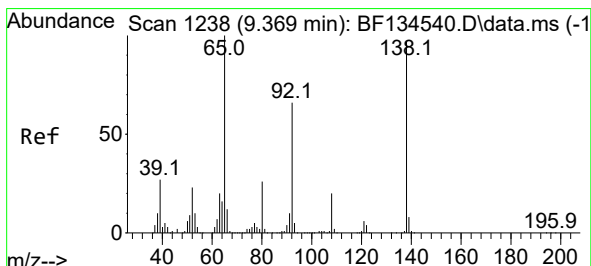
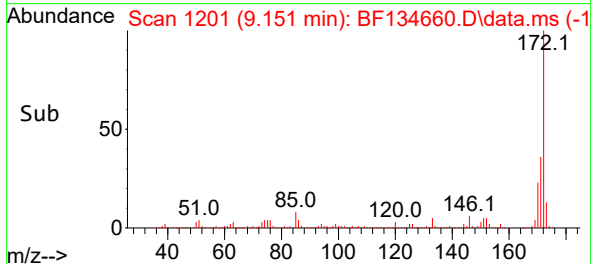
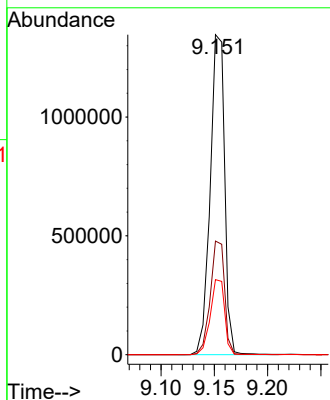
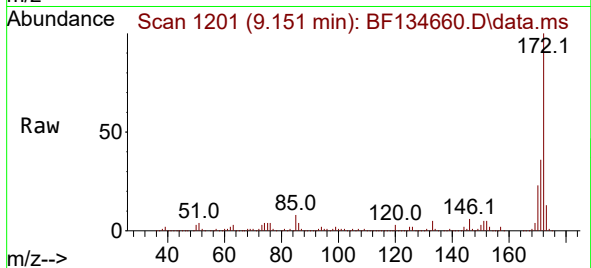
Tgt Ion:172 Resp: 1276439

Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.5 18.7 28.1



#48

2-Nitroaniline

Concen: 3.176 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.118 min

Lab File: BF134660.D

Acq: 07 Aug 2023 18:27

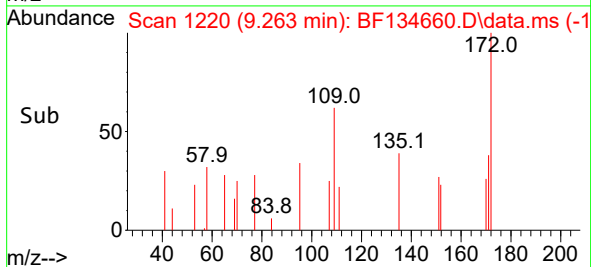
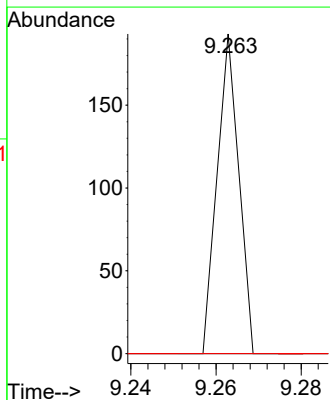
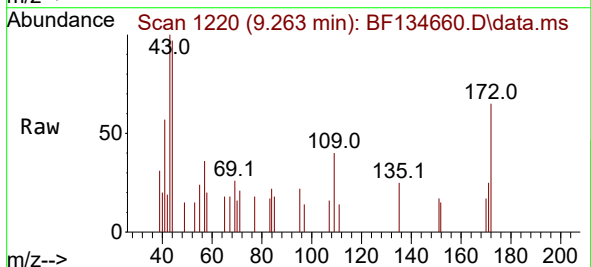
Tgt Ion: 65 Resp: 68

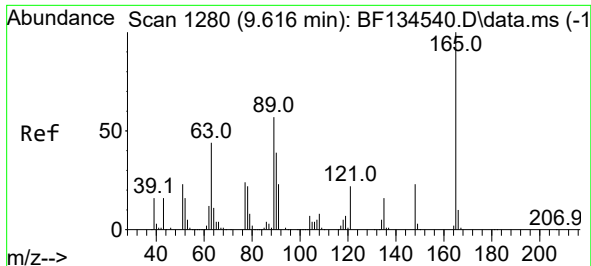
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

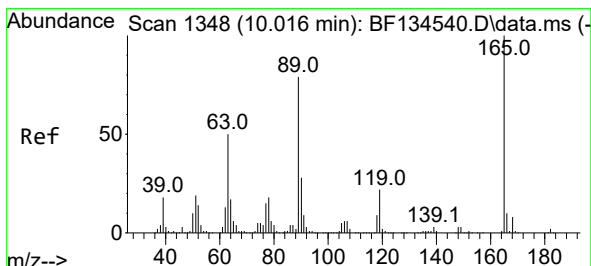
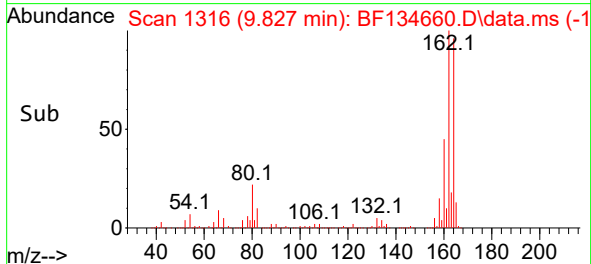
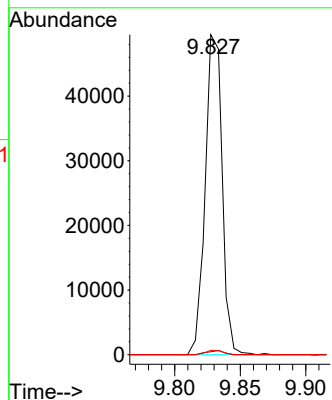
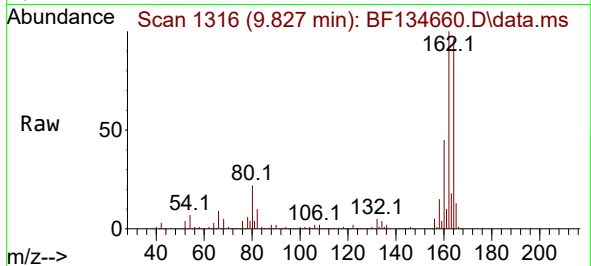




#51
2,6-Dinitrotoluene
Concen: 11.332 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134660.D
Acq: 07 Aug 2023 18:27

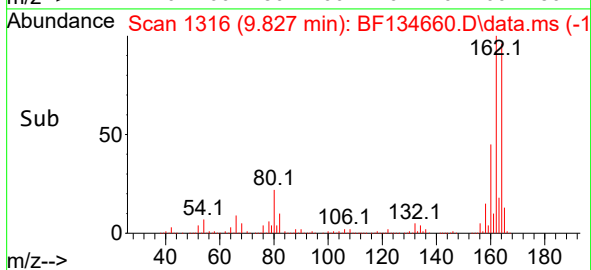
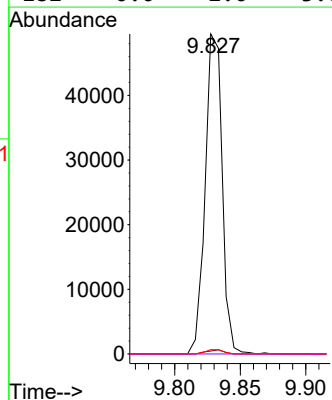
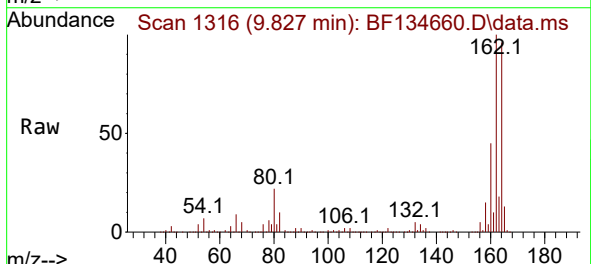
Instrument :
BNA_F
ClientSampleId :
MW-04

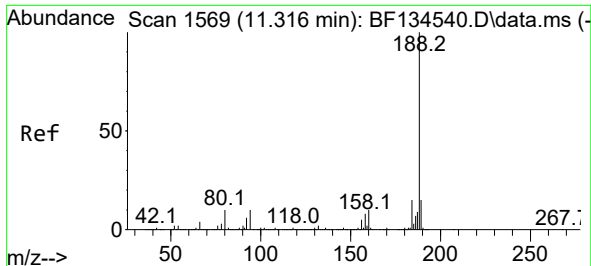
Tgt Ion:165 Resp: 44756
Ion Ratio Lower Upper
165 100
63 0.9 57.8 86.6#
89 1.3 51.8 77.8#



#57
2,4-Dinitrotoluene
Concen: 10.110 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF134660.D
Acq: 07 Aug 2023 18:27

Tgt Ion:165 Resp: 44756
Ion Ratio Lower Upper
165 100
63 0.9 48.9 73.3#
89 1.3 61.7 92.5#
182 0.0 2.0 3.0#

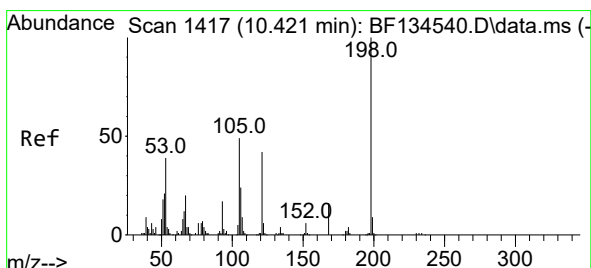
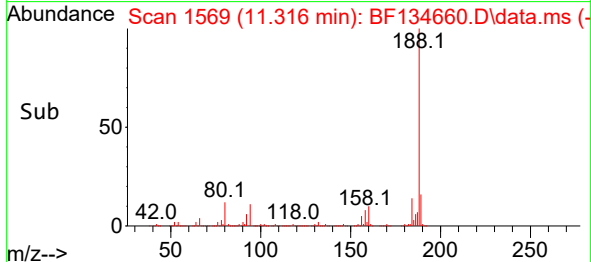
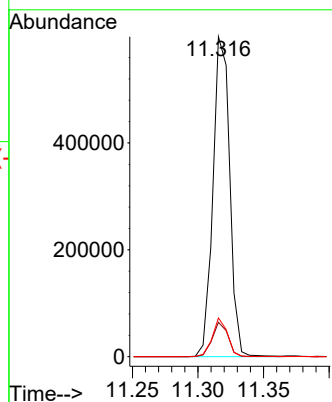
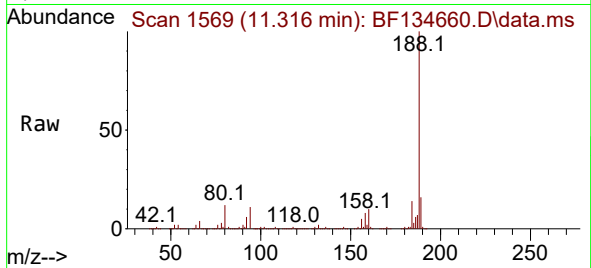




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF134660.D
Acq: 07 Aug 2023 18:27

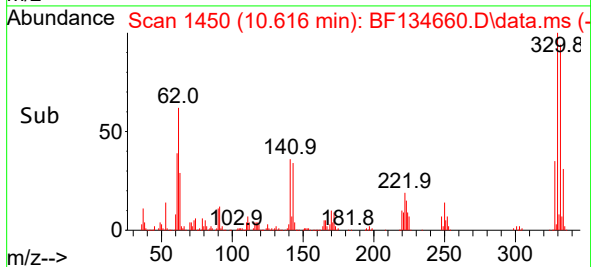
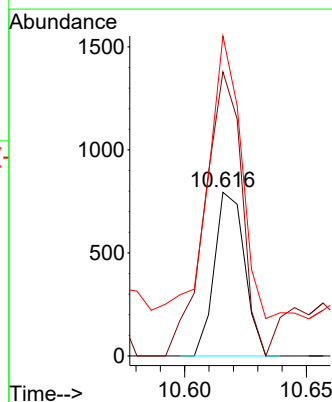
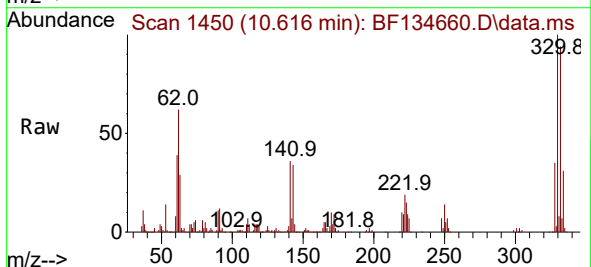
Instrument :
BNA_F
ClientSampleId :
MW-04

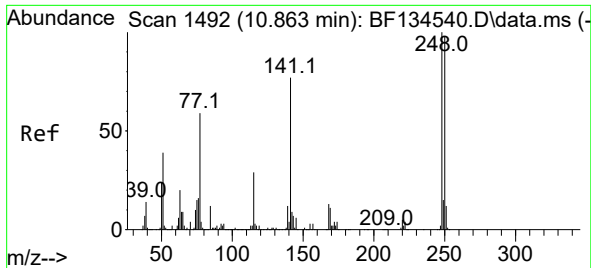
Tgt Ion:188 Resp: 532547
Ion Ratio Lower Upper
188 100
94 10.8 5.1 7.7#
80 12.1 6.6 9.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 8.959 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.176 min
Lab File: BF134660.D
Acq: 07 Aug 2023 18:27

Tgt Ion:198 Resp: 683
Ion Ratio Lower Upper
198 100
51 173.7 38.6 78.6#
105 195.6 27.9 67.9#

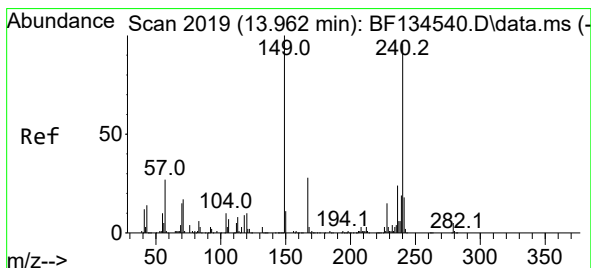
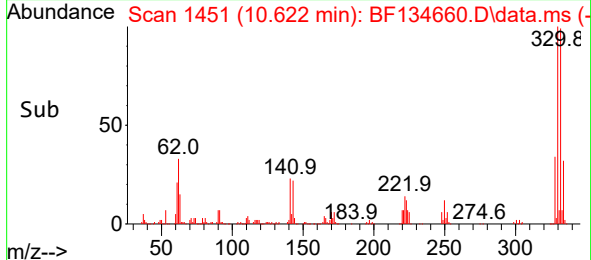
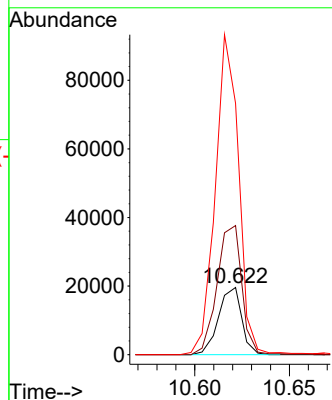
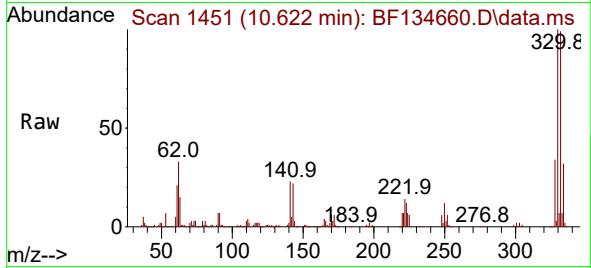




#67
4-Bromophenyl-phenylether
Concen: 2.869 ng
RT: 10.622 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF134660.D
Acq: 07 Aug 2023 18:27

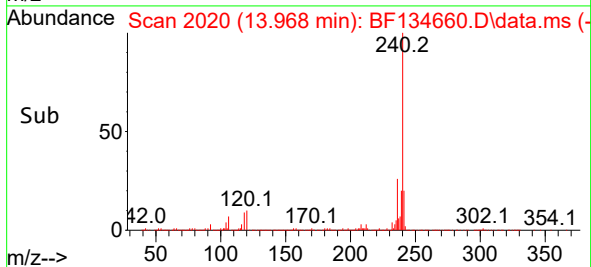
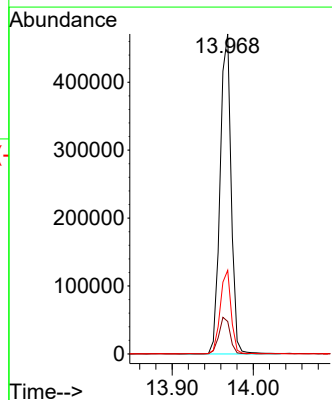
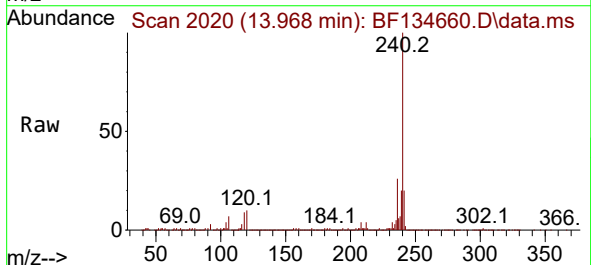
Instrument :
BNA_F
ClientSampleId :
MW-04

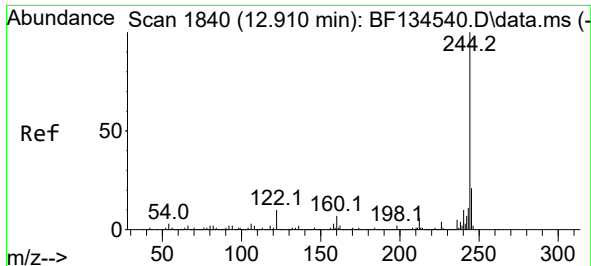
Tgt Ion:248 Resp: 16723
Ion Ratio Lower Upper
248 100
250 192.2 79.6 119.4#
141 374.2 59.6 89.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134660.D
Acq: 07 Aug 2023 18:27

Tgt Ion:240 Resp: 445703
Ion Ratio Lower Upper
240 100
120 10.1 6.6 10.0#
236 26.2 20.2 30.2

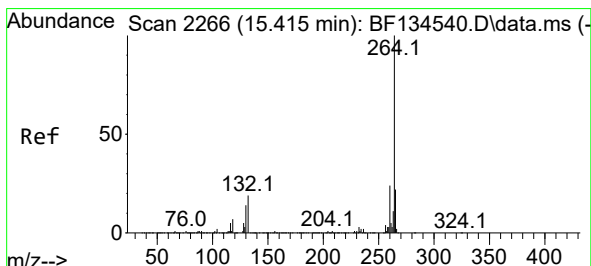
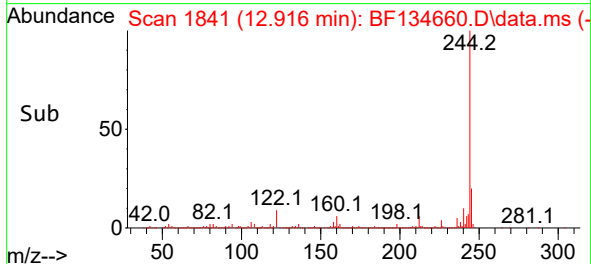
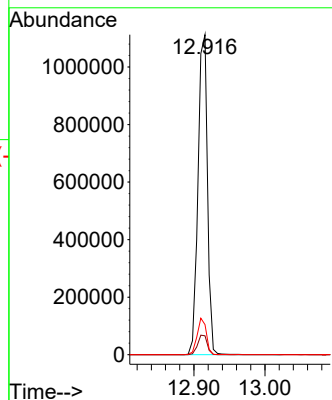
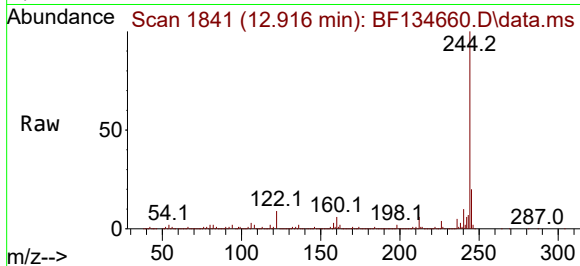




#79
 Terphenyl-d14
 Concen: 40.804 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134660.D
 Acq: 07 Aug 2023 18:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Tgt Ion:244 Resp: 1031645
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.6 8.4
 122 9.4 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134660.D
 Acq: 07 Aug 2023 18:27

Tgt Ion:264 Resp: 388246
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 22.2 15.8 23.8

