

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134555.D
 Acq On : 01 Aug 2023 18:52
 Operator : CG\JU
 Sample : 03741-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

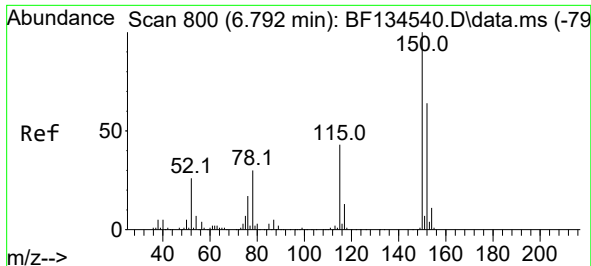
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 02:45:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	196917	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	776762	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	382434	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	678331	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	374207	20.000	ng	#-0.01
86) Perylene-d12	15.410	264	423140	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1067306	82.391	ng	0.00
7) Phenol-d6	6.416	99	1388038	83.821	ng	-0.01
23) Nitrobenzene-d5	7.351	82	793151	63.811	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	334500	85.801	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1423221	61.877	ng	0.00
79) Terphenyl-d14	12.904	244	1344312	63.330	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.340	77	1524	Below Cal		87
19) n-Nitroso-di-n-propyla...	7.351	70	106405	10.732	ng	# 75
25) Isophorone	7.351	82	792852	29.245	ng	# 65
32) Benzoic acid	7.728	122	453	7.915	ng	# 51
48) 2-Nitroaniline	9.275	65	200	3.193	ng	# 8
50) Dimethylphthalate	9.539	163	147701	5.667	ng	98
51) 2,6-Dinitrotoluene	9.822	165	50200	11.406	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	50200	10.171	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	844	8.951	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	21204	2.856	ng	# 1
77) Benzidine	12.904	184	16715	2.058	ng	# 93

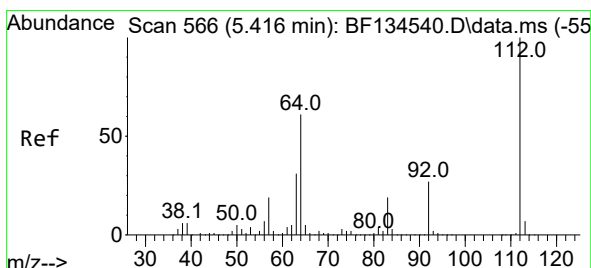
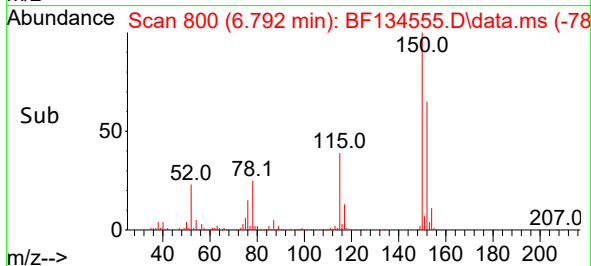
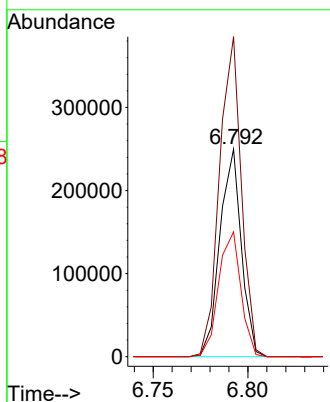
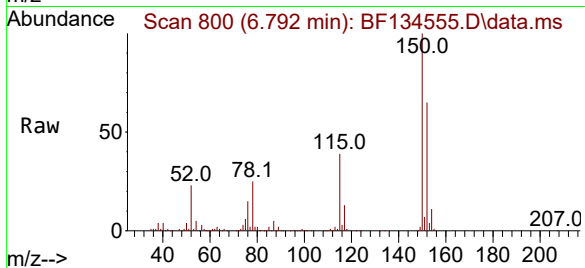
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134555.D
 Acq: 01 Aug 2023 18:52

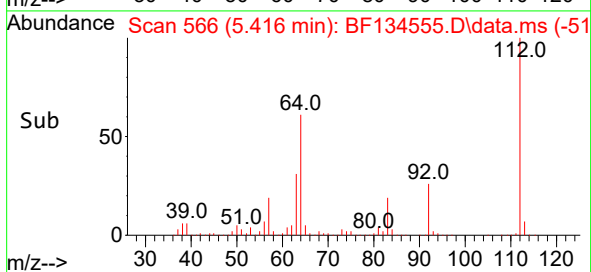
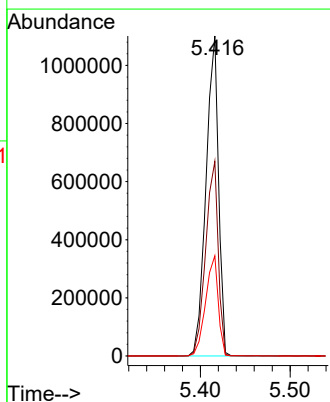
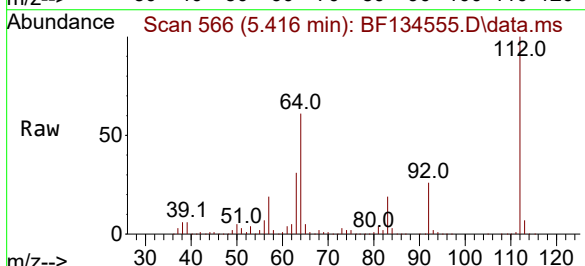
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:152 Resp: 196917
 Ion Ratio Lower Upper
 152 100
 150 154.2 128.3 192.5
 115 60.1 52.4 78.6



#5
 2-Fluorophenol
 Concen: 82.391 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: BF134555.D
 Acq: 01 Aug 2023 18:52

Tgt Ion:112 Resp: 1067306
 Ion Ratio Lower Upper
 112 100
 64 60.8 44.9 67.3
 63 31.3 25.4 38.0

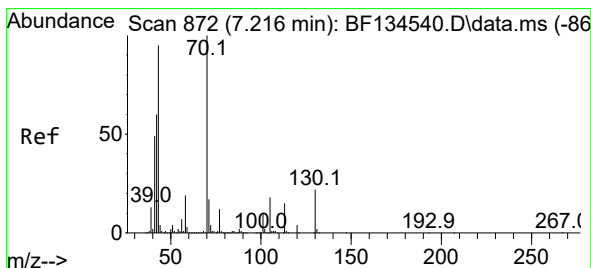
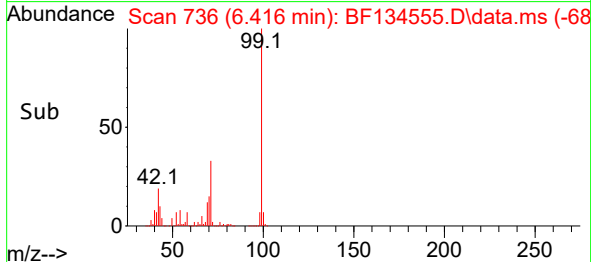
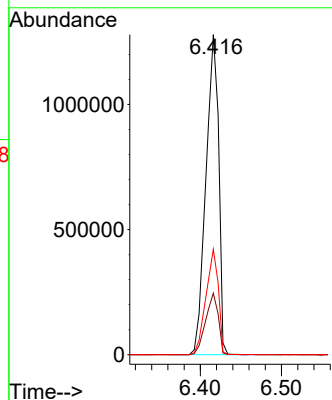
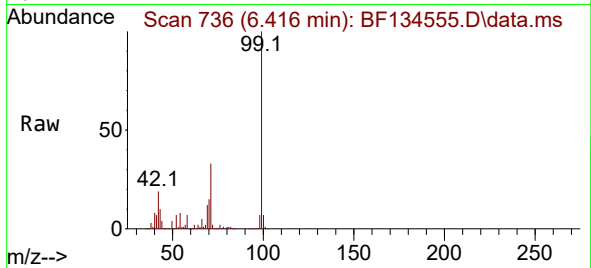




#7
Phenol-d6
Concen: 83.821 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134555.D
Acq: 01 Aug 2023 18:52

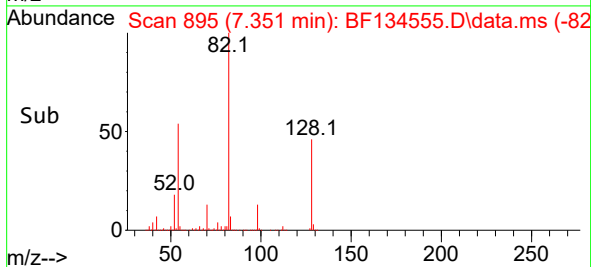
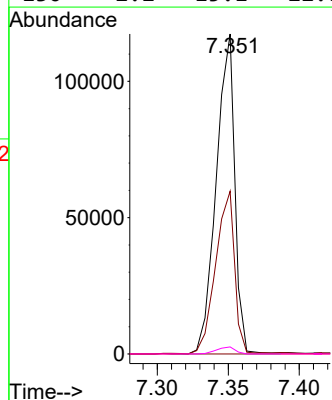
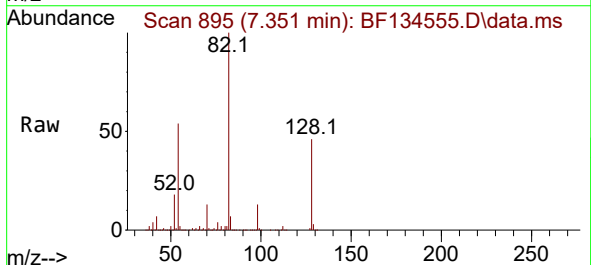
Instrument :
BNA_F
ClientSampleId :

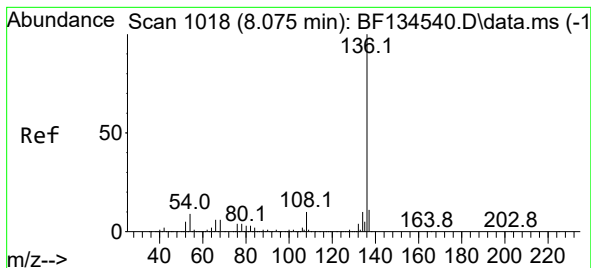
Tgt Ion: 99 Resp: 1388038
Ion Ratio Lower Upper
99 100
42 19.2 18.7 28.1
71 32.9 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 10.732 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134555.D
Acq: 01 Aug 2023 18:52

Tgt Ion: 70 Resp: 106405
Ion Ratio Lower Upper
70 100
42 50.9 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1

Delta R.T. -0.006 min

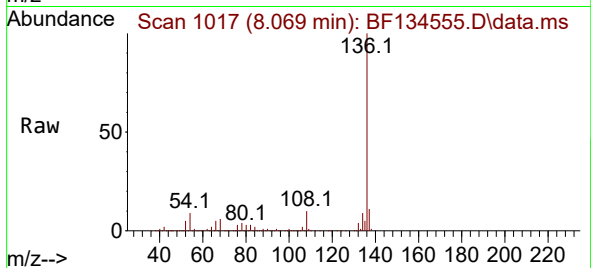
Lab File: BF134555.D

Acq: 01 Aug 2023 18:52

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 776762

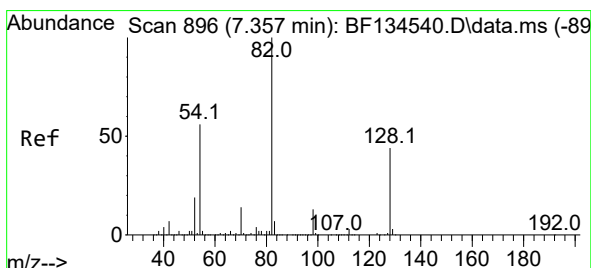
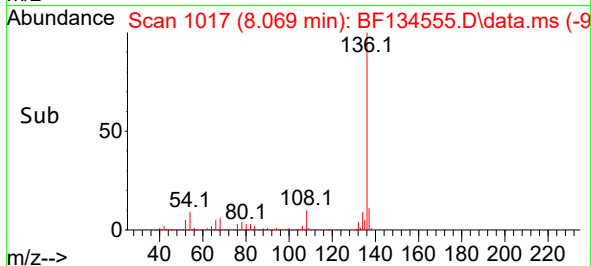
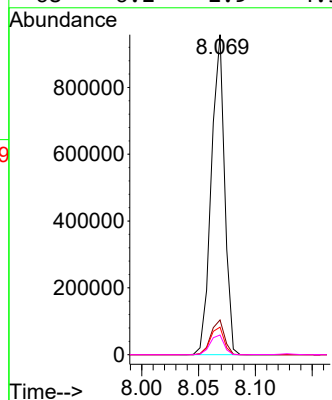
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.6 5.2 7.8#

68 6.2 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 63.811 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF134555.D

Acq: 01 Aug 2023 18:52

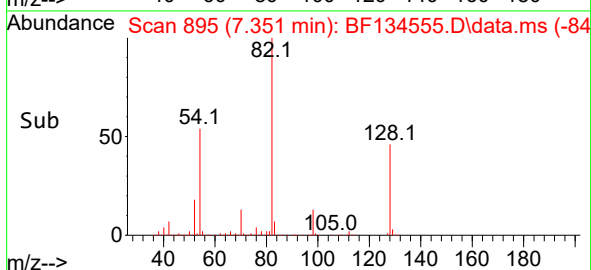
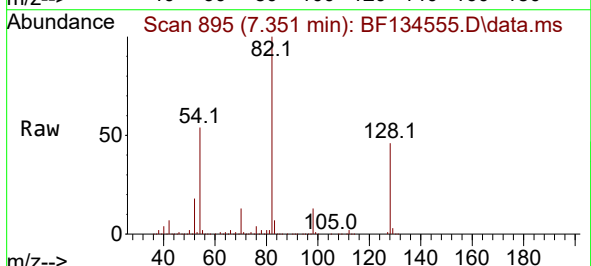
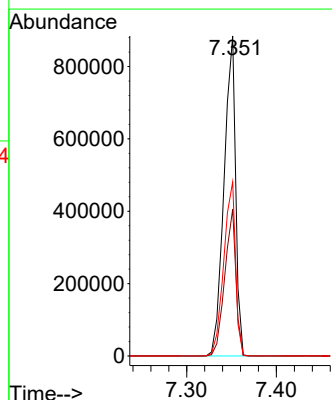
Tgt Ion: 82 Resp: 793151

Ion Ratio Lower Upper

82 100

128 45.9 34.3 51.5

54 54.4 43.8 65.6

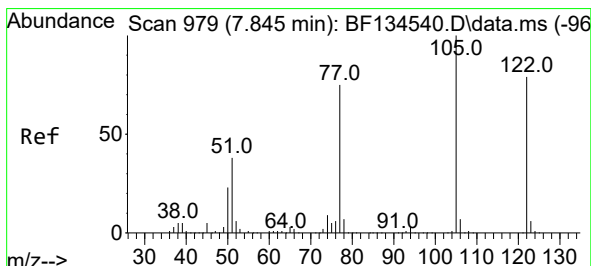
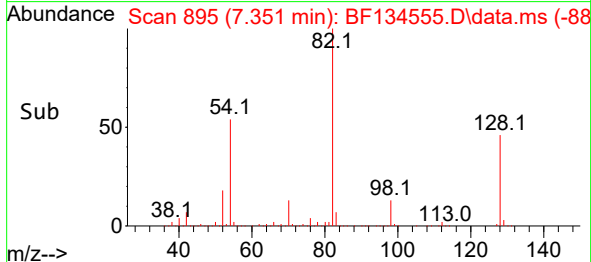
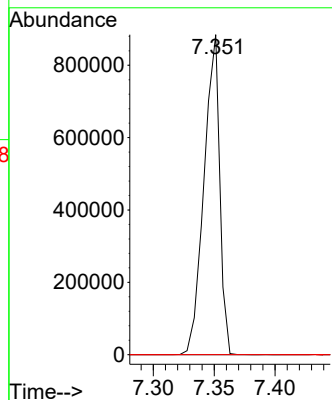
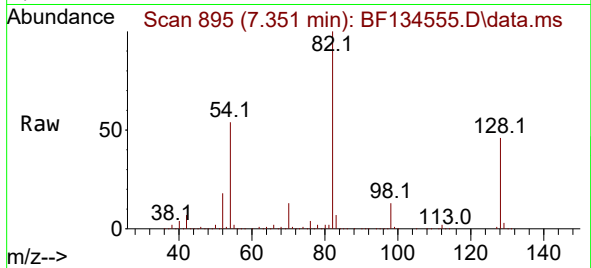




#25
Isophorone
Concen: 29.245 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134555.D
Acq: 01 Aug 2023 18:52

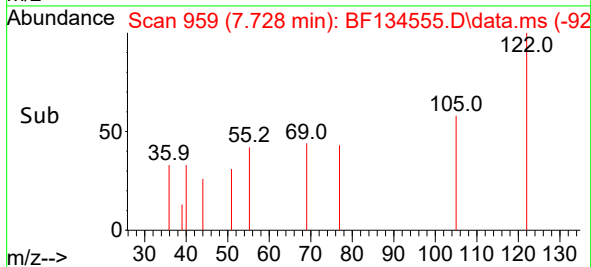
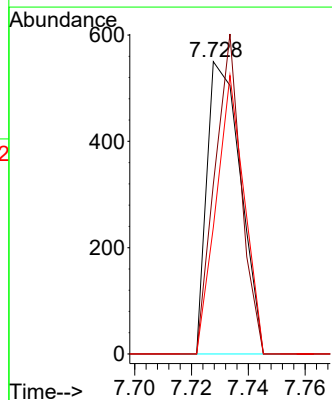
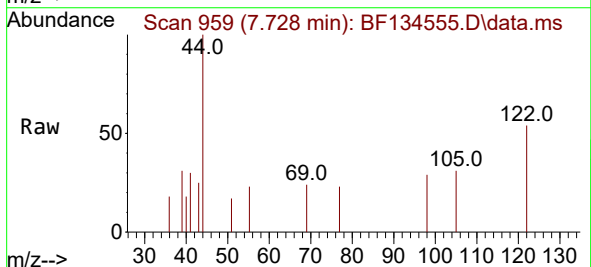
Instrument :
BNA_F
ClientSampleId :

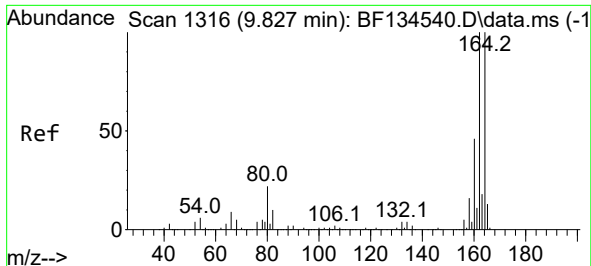
Tgt Ion: 82 Resp: 792852
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.915 ng
RT: 7.728 min Scan# 959
Delta R.T. -0.117 min
Lab File: BF134555.D
Acq: 01 Aug 2023 18:52

Tgt Ion: 122 Resp: 453
Ion Ratio Lower Upper
122 100
105 58.0 87.5 127.5#
77 43.3 71.4 111.4#

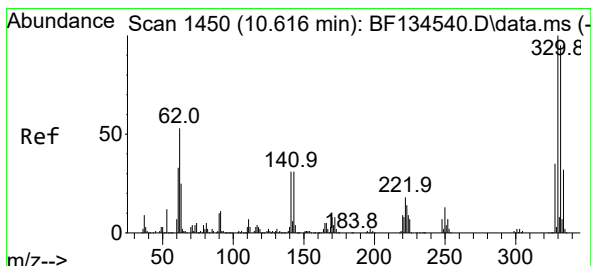
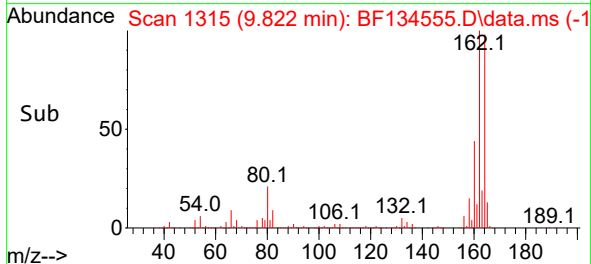
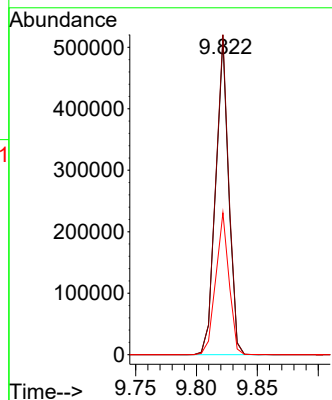
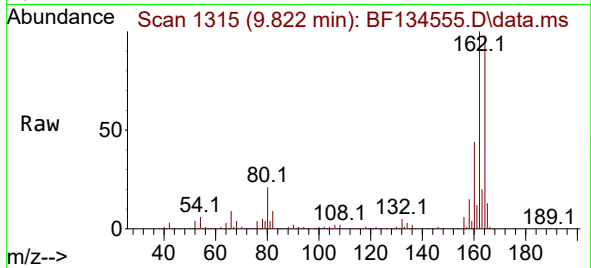




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134555.D
Acq: 01 Aug 2023 18:52

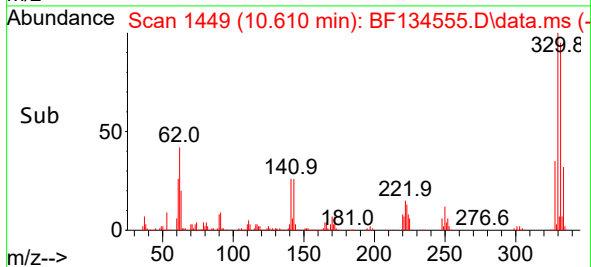
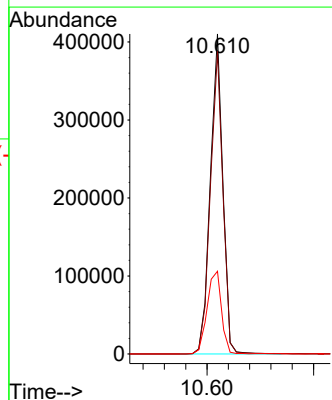
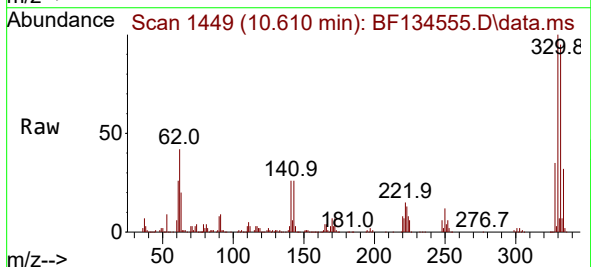
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 382434
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 45.1 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 85.801 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF134555.D
Acq: 01 Aug 2023 18:52

Tgt Ion:330 Resp: 334500
Ion Ratio Lower Upper
330 100
332 95.1 78.8 118.2
141 29.9 25.4 38.2

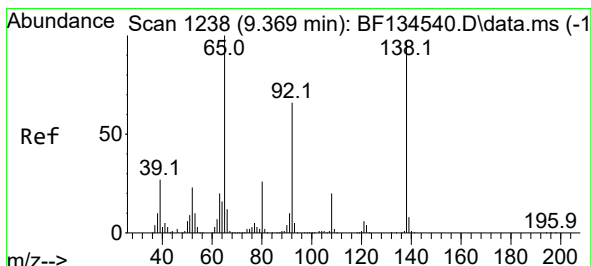
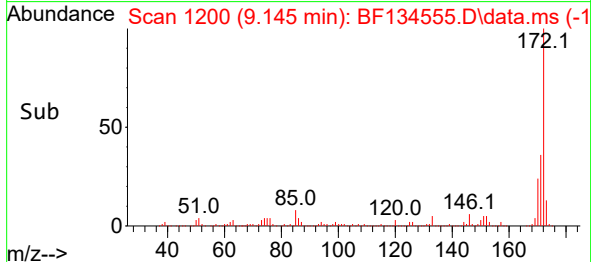
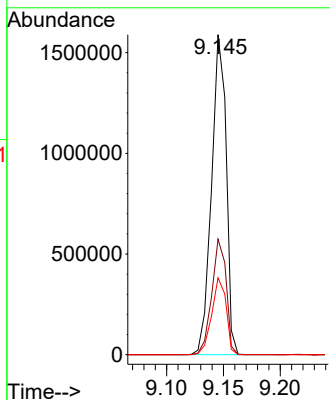
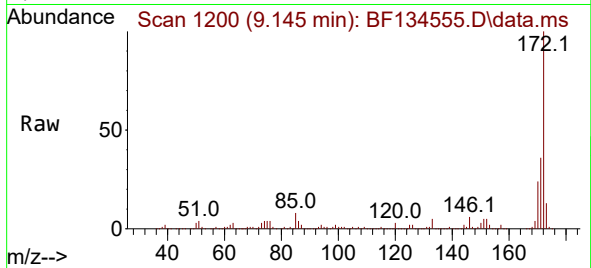




#45
2-Fluorobiphenyl
Concen: 61.877 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134555.D
Acq: 01 Aug 2023 18:52

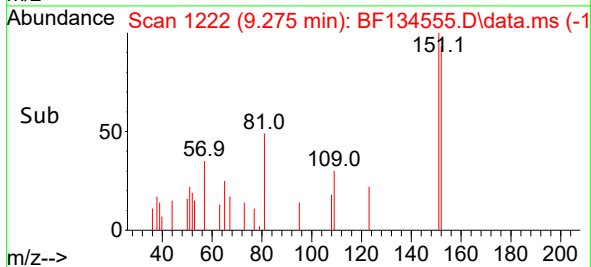
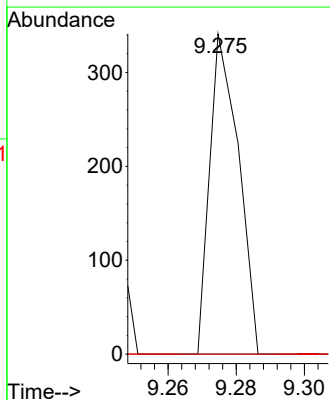
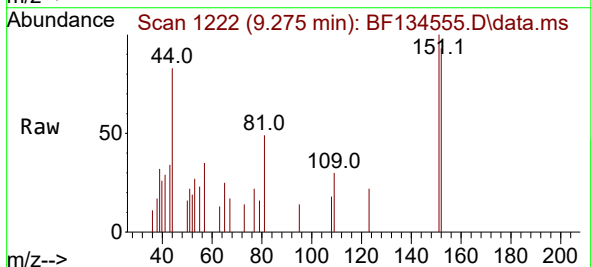
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ClientSampleId :

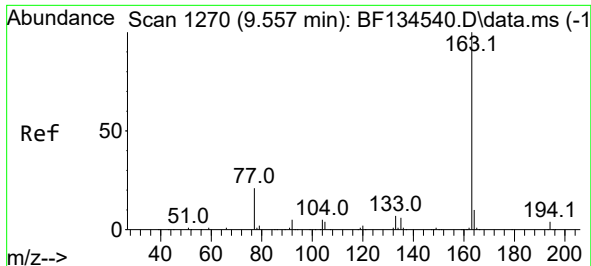
Tgt Ion:172 Resp: 1423221
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.0 18.7 28.1



#48
2-Nitroaniline
Concen: 3.193 ng
RT: 9.275 min Scan# 1222
Delta R.T. -0.094 min
Lab File: BF134555.D
Acq: 01 Aug 2023 18:52

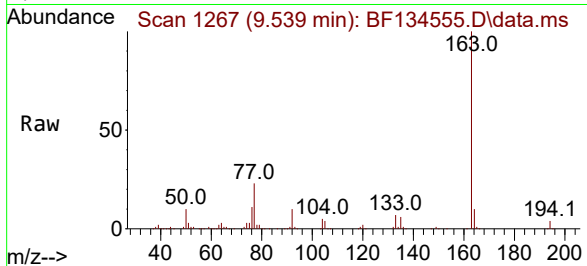
Tgt Ion: 65 Resp: 200
Ion Ratio Lower Upper
65 100
92 0.0 50.7 76.1#
138 0.0 78.2 117.4#



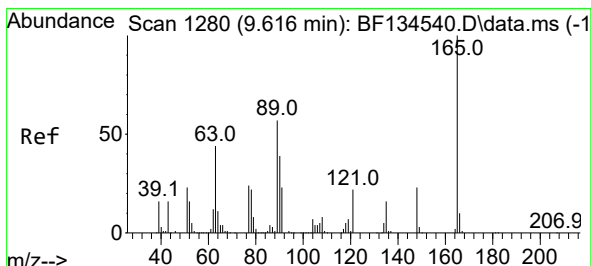
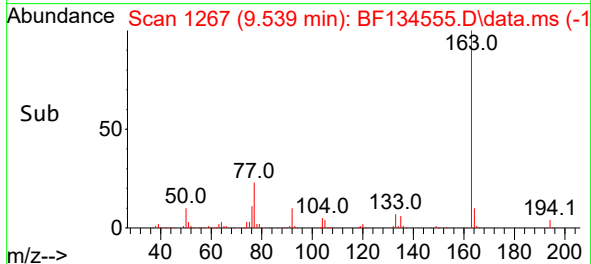
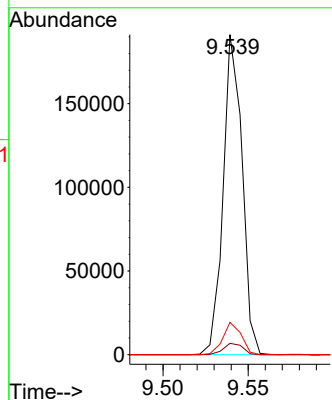


#50
Dimethylphthalate
Concen: 5.667 ng
RT: 9.539 min Scan# 1315
Delta R.T. -0.018 min
Lab File: BF134555.D
Acq: 01 Aug 2023 18:52

Instrument :
BNA_F
ClientSampleId :

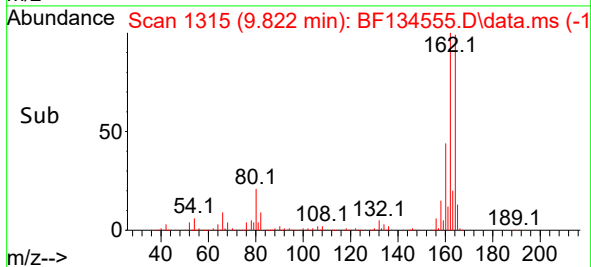
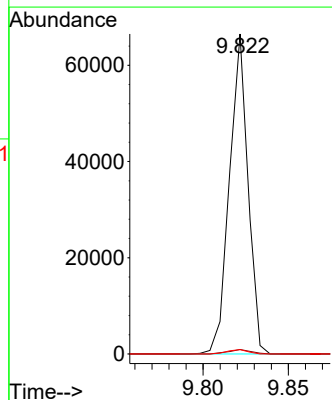
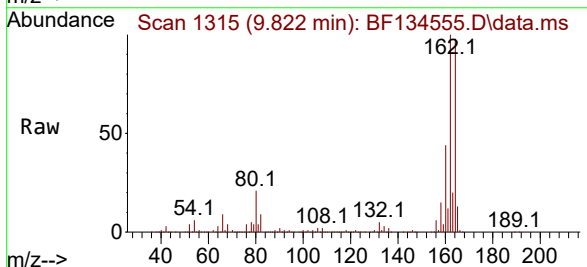


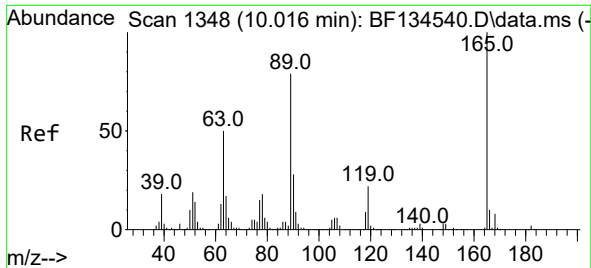
Tgt Ion:163 Resp: 147701
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 10.1 7.5 11.3



#51
2,6-Dinitrotoluene
Concen: 11.406 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF134555.D
Acq: 01 Aug 2023 18:52

Tgt Ion:165 Resp: 50200
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 1.3 51.8 77.8#

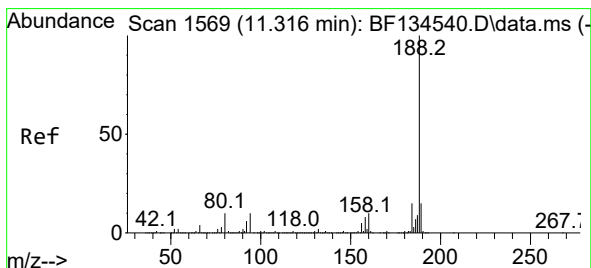
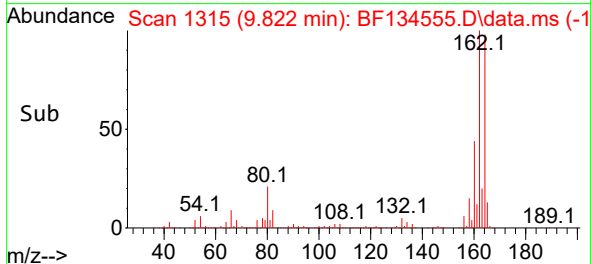
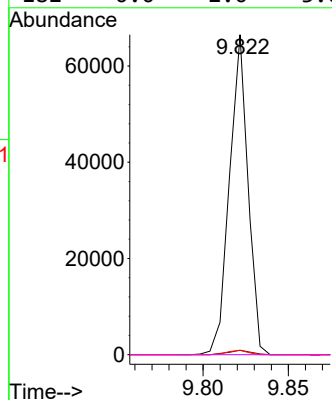
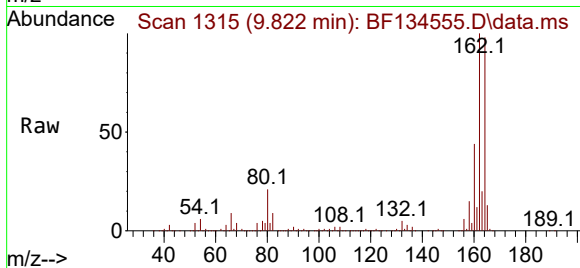




#57
2,4-Dinitrotoluene
Concen: 10.171 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134555.D
Acq: 01 Aug 2023 18:52

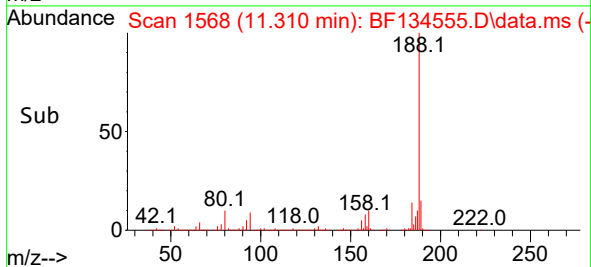
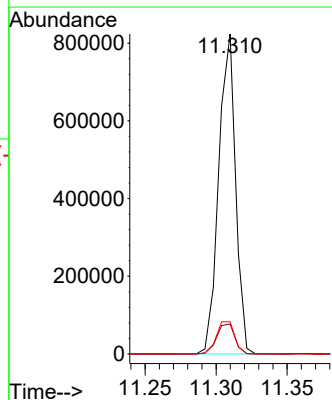
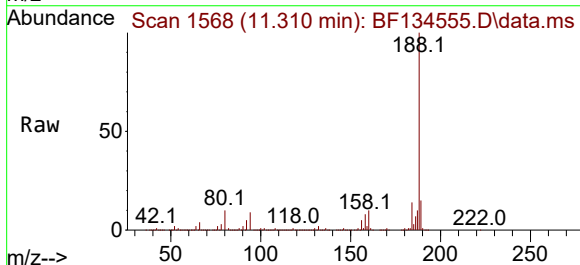
Instrument :
BNA_F
ClientSampleId :

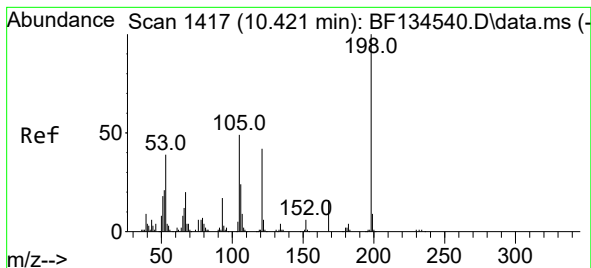
Tgt Ion:165 Resp: 50200
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.3 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF134555.D
Acq: 01 Aug 2023 18:52

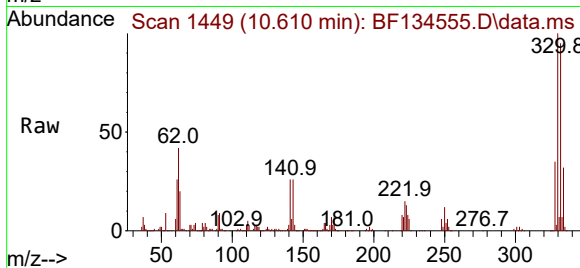
Tgt Ion:188 Resp: 678331
Ion Ratio Lower Upper
188 100
94 9.3 5.1 7.7#
80 10.1 6.6 9.8#



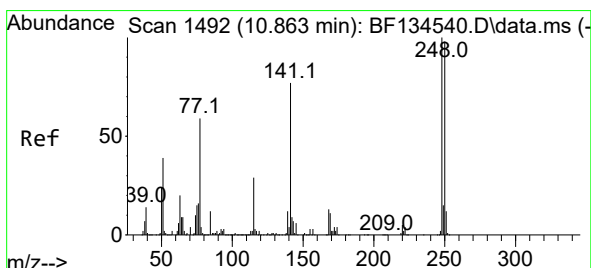
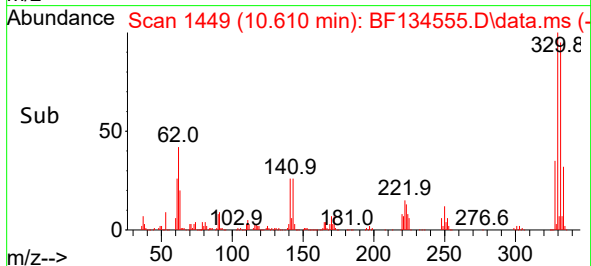
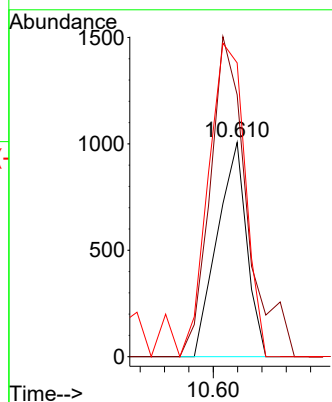


#65
4,6-Dinitro-2-methylphenol
Concen: 8.951 ng
RT: 10.610 min Scan# 1417
Delta R.T. 0.189 min
Lab File: BF134555.D
Acq: 01 Aug 2023 18:52

Instrument :
BNA_F
ClientSampleId :

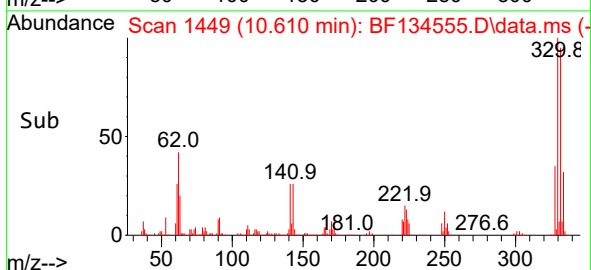
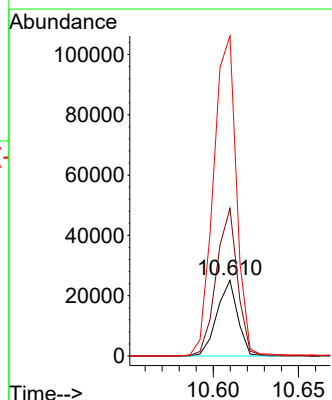
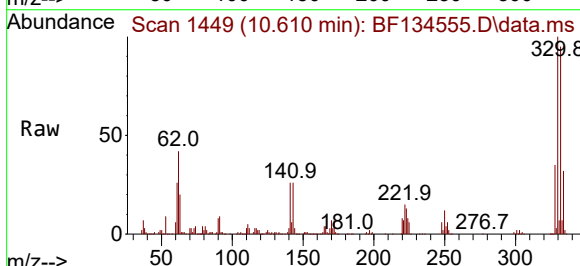


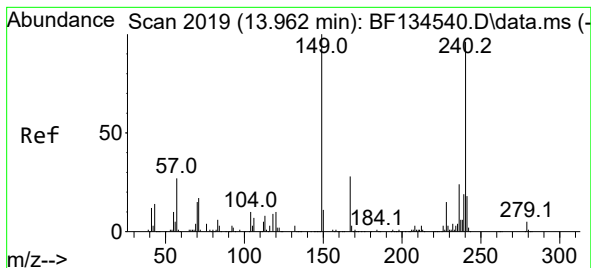
Tgt Ion:198 Resp: 844
Ion Ratio Lower Upper
198 100
51 122.2 38.6 78.6#
105 137.1 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.856 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.253 min
Lab File: BF134555.D
Acq: 01 Aug 2023 18:52

Tgt Ion:248 Resp: 21204
Ion Ratio Lower Upper
248 100
250 195.3 79.6 119.4#
141 423.5 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF134555.D

Acq: 01 Aug 2023 18:52

Instrument :

BNA_F

ClientSampleId :

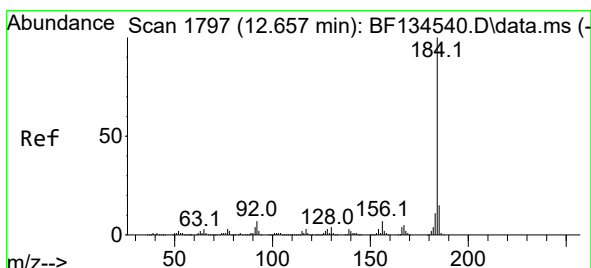
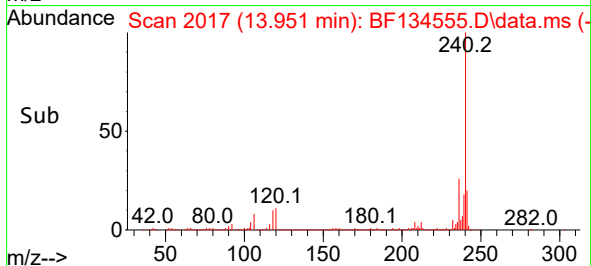
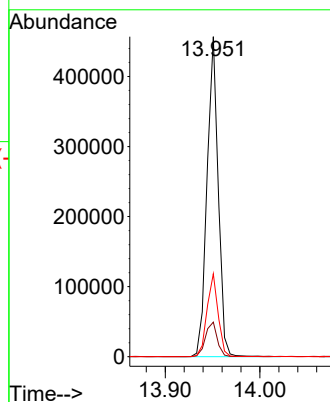
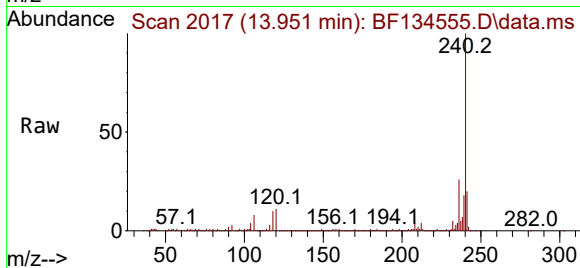
Tgt Ion:240 Resp: 374207

Ion Ratio Lower Upper

240 100

120 10.8 6.6 10.0#

236 25.9 20.2 30.2



#77

Benzidine

Concen: 2.058 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.247 min

Lab File: BF134555.D

Acq: 01 Aug 2023 18:52

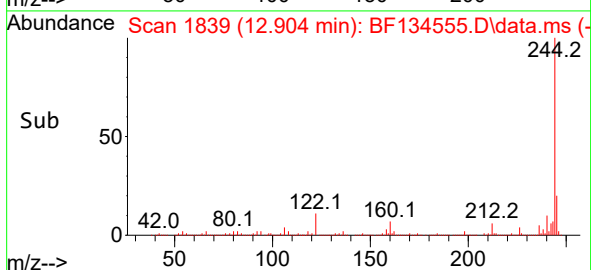
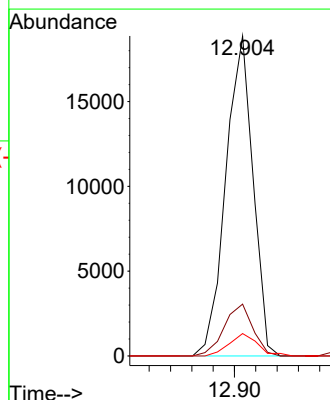
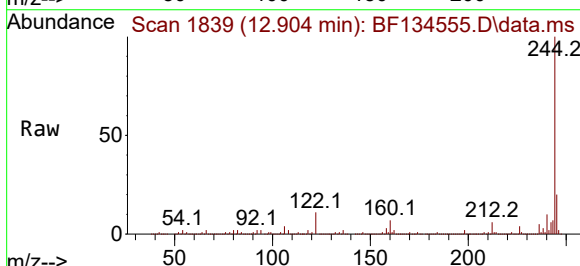
Tgt Ion:184 Resp: 16715

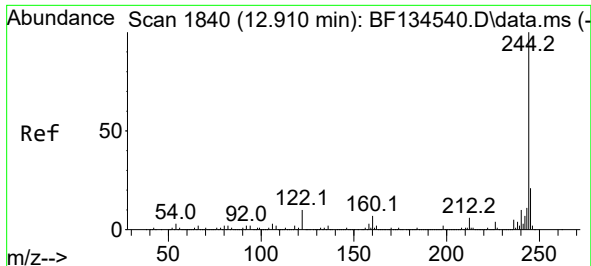
Ion Ratio Lower Upper

184 100

185 16.2 11.2 16.8

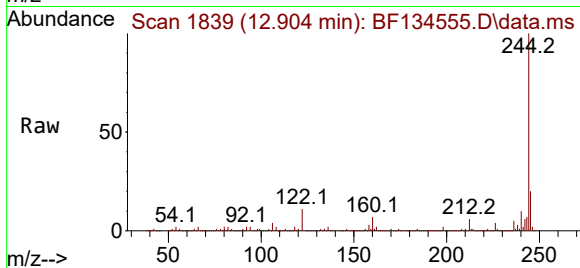
183 7.0 8.6 13.0#



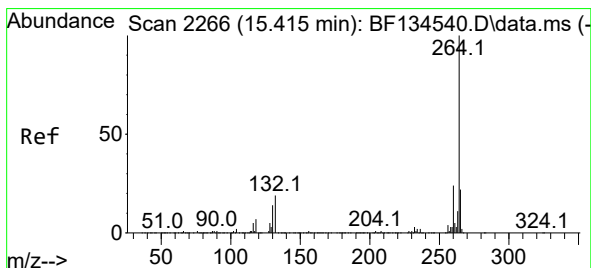
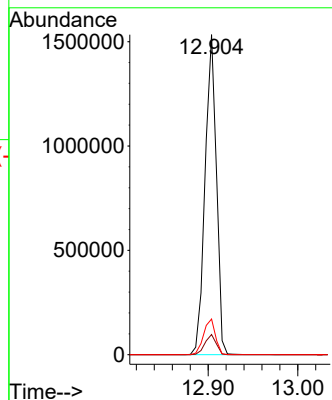
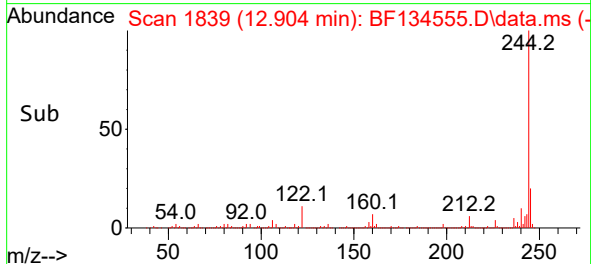


#79
 Terphenyl-d14
 Concen: 63.330 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF134555.D
 Acq: 01 Aug 2023 18:52

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1344312
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 11.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BF134555.D
 Acq: 01 Aug 2023 18:52

Tgt Ion:264 Resp: 423140
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.9 15.8 23.8

