

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080823\
 Data File : BF134663.D
 Acq On : 08 Aug 2023 10:23
 Operator : CG\JU
 Sample : PB154638BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154638BL

Quant Time: Aug 09 02:16:02 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)

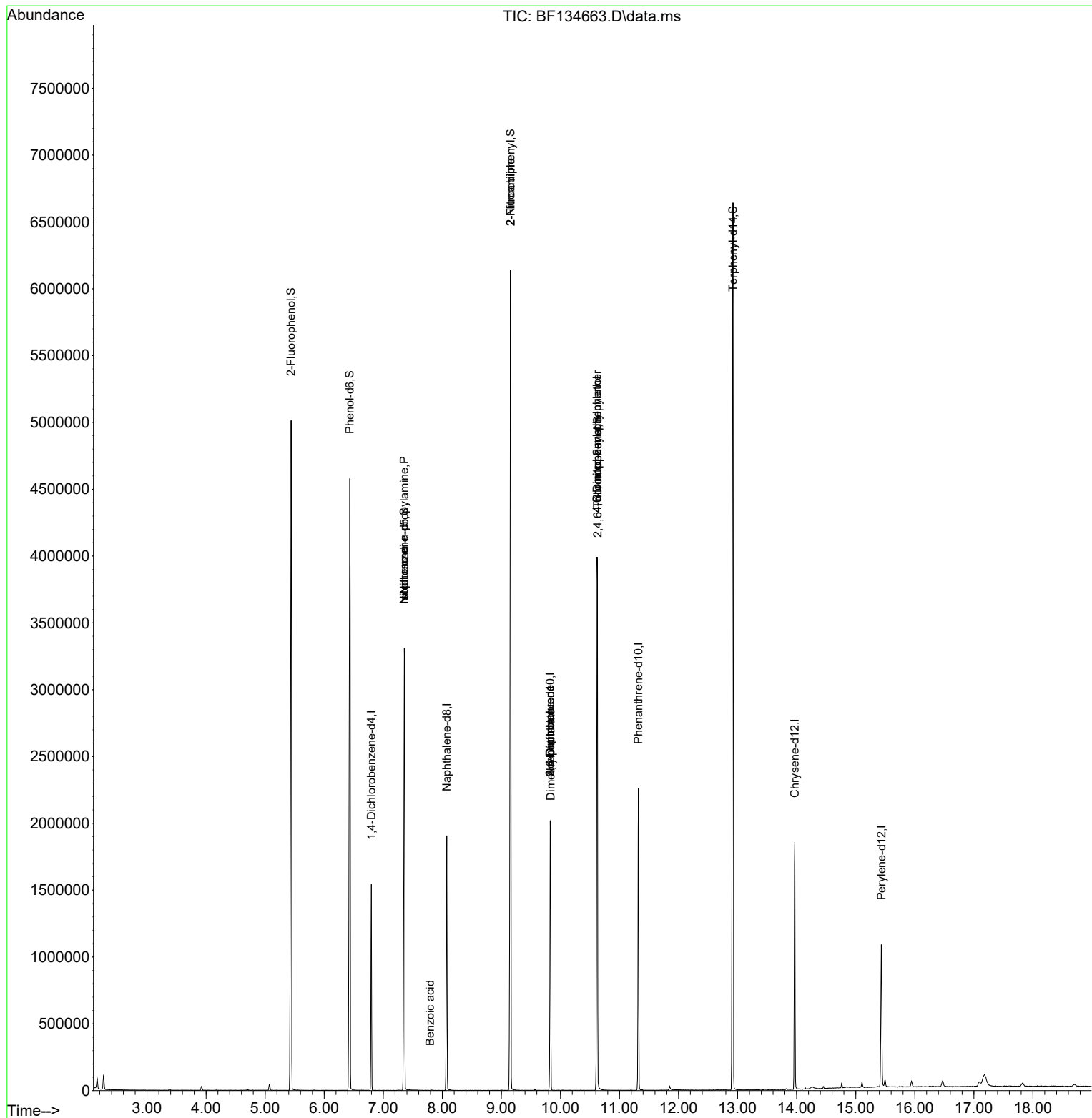
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	203914	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	821230	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	421831	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	819167	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	635773	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	493834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1610661	120.069	ng	0.01
7) Phenol-d6	6.434	99	2056900	119.951	ng	0.00
23) Nitrobenzene-d5	7.357	82	1285204	97.799	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	632258	147.031	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2221387	87.558	ng	0.00
79) Terphenyl-d14	12.921	244	2843577	78.846	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	3497	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.357	70	172922	16.843	ng	# 74
25) Isophorone	7.357	82	1273882	44.444	ng	# 65
32) Benzoic acid	7.792	122	60	7.873	ng	# 1
48) 2-Nitroaniline	9.157	65	3710	3.618	ng	# 1
50) Dimethylphthalate	9.833	163	87200	3.033	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	53760	11.147	ng	# 17
57) 2,4-Dinitrotoluene	9.827	165	53760	9.958	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	1324	9.026	ng	# 1
67) 4-Bromophenyl-phenylether	10.622	248	38297	4.271	ng	# 1

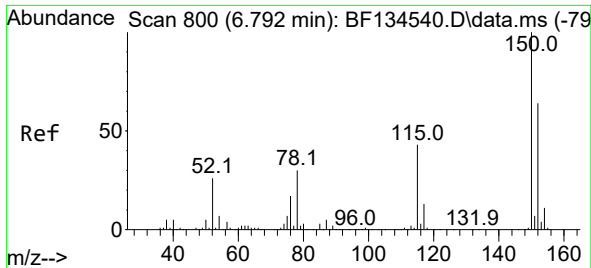
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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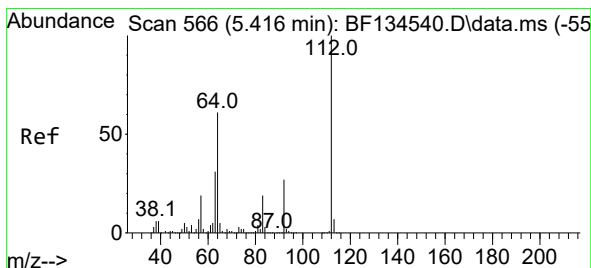
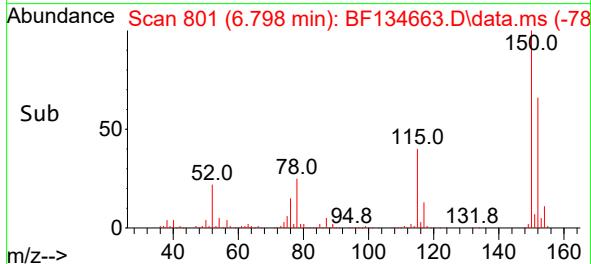
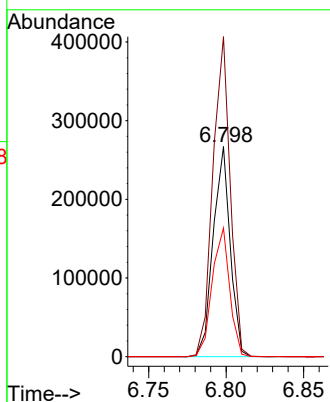
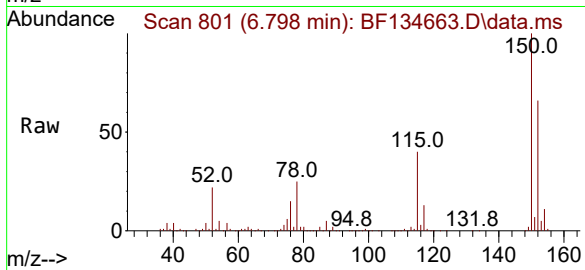




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

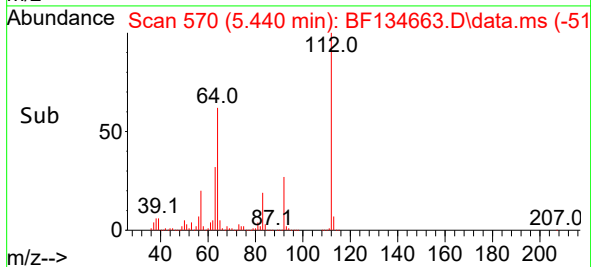
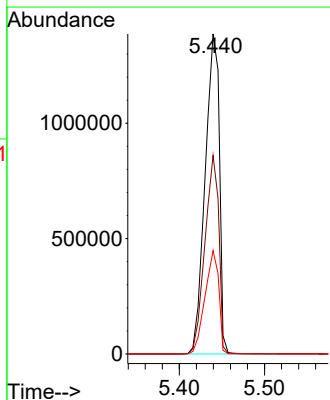
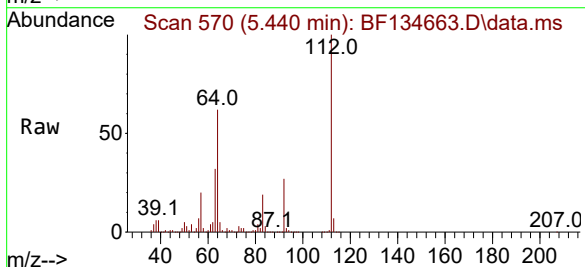
Instrument :
BNA_F
ClientSampleId :
PB154638BL

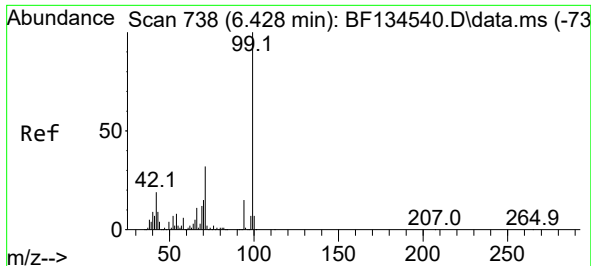
Tgt Ion:152 Resp: 203914
Ion Ratio Lower Upper
152 100
150 152.3 128.3 192.5
115 61.2 52.4 78.6



#5
2-Fluorophenol
Concen: 120.069 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

Tgt Ion:112 Resp: 1610661
Ion Ratio Lower Upper
112 100
64 62.0 44.9 67.3
63 32.3 25.4 38.0

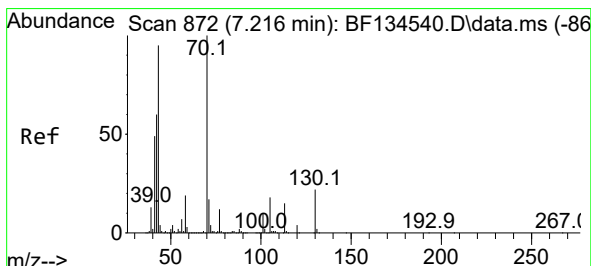
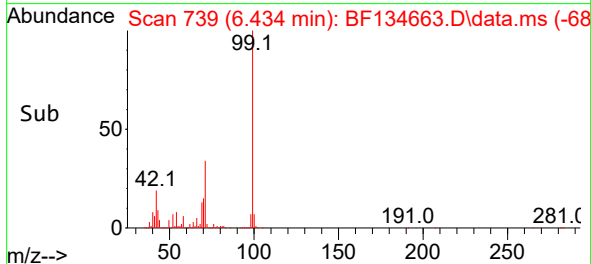
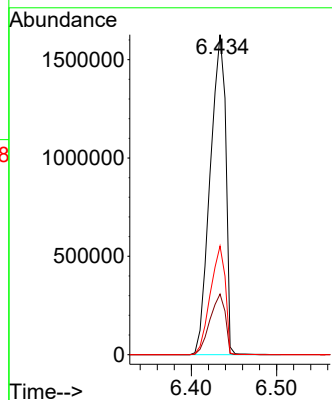
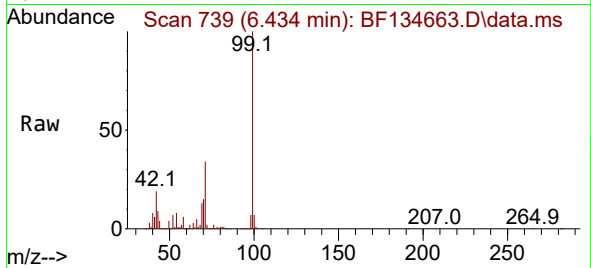




#7
Phenol-d6
Concen: 119.951 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

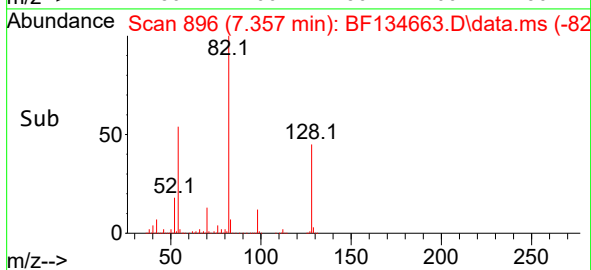
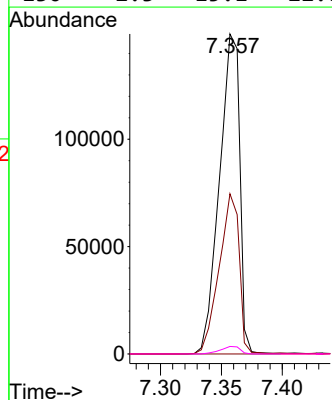
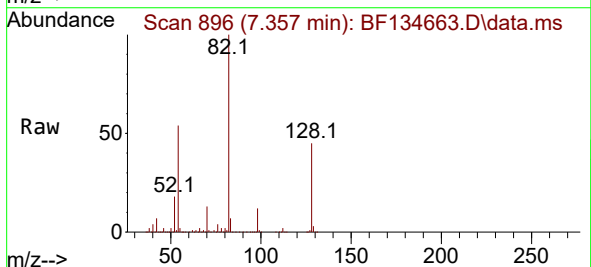
Instrument :
BNA_F
ClientSampleId :
PB154638BL

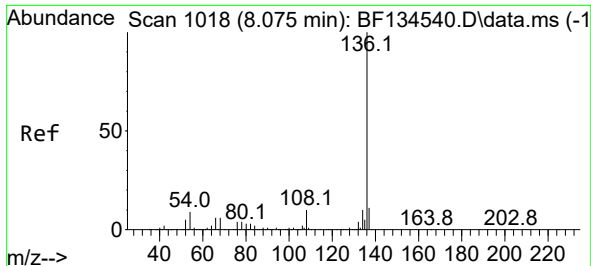
Tgt Ion: 99 Resp: 2056900
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 33.9 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 16.843 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

Tgt Ion: 70 Resp: 172922
Ion Ratio Lower Upper
70 100
42 50.1 54.7 82.1#
101 0.0 8.2 12.2#
130 2.3 15.1 22.7#

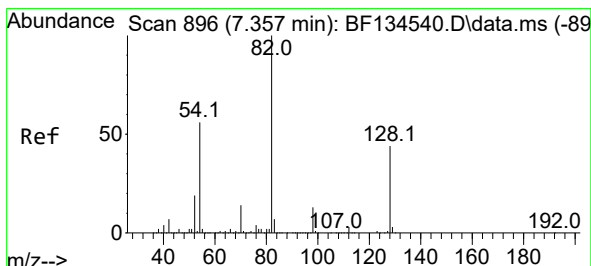
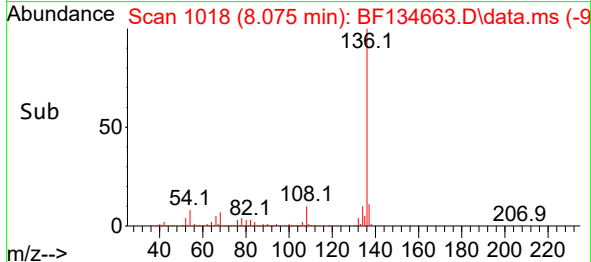
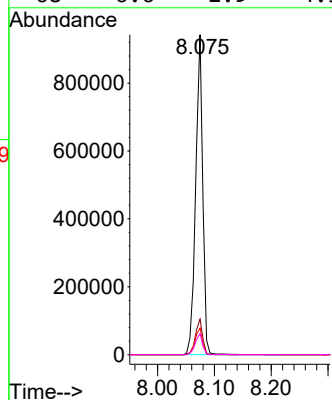
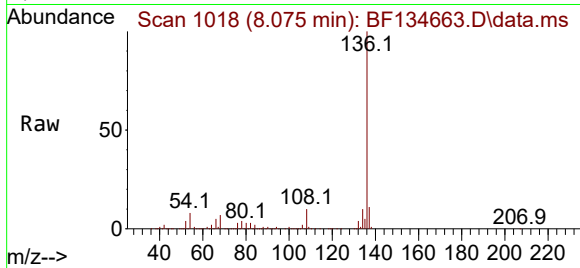




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

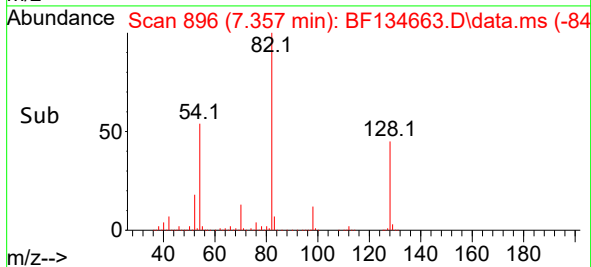
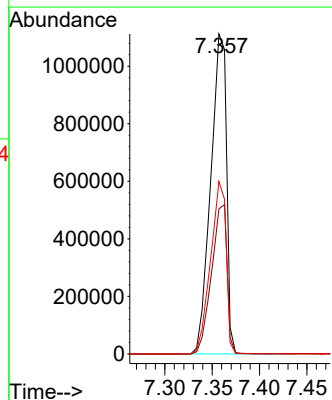
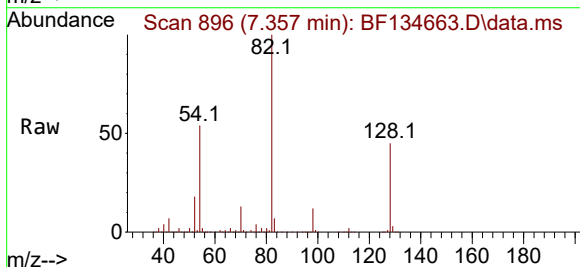
Instrument :
BNA_F
ClientSampleId :
PB154638BL

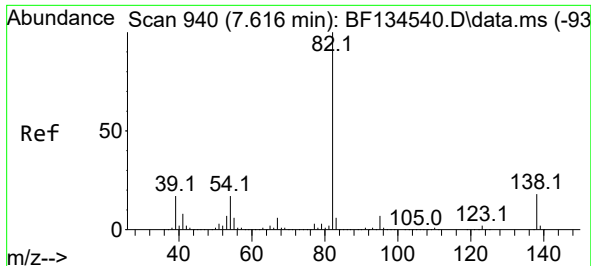
Tgt Ion:136 Resp: 821230
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.3 5.2 7.8#
68 6.6 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 97.799 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

Tgt Ion: 82 Resp: 1285204
Ion Ratio Lower Upper
82 100
128 45.3 34.3 51.5
54 53.9 43.8 65.6

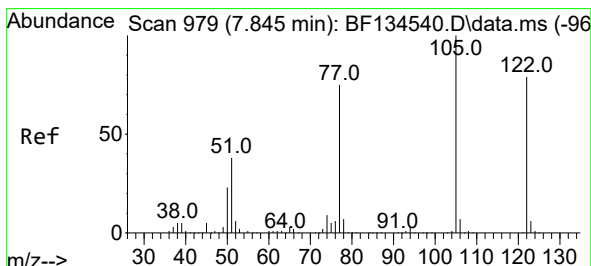
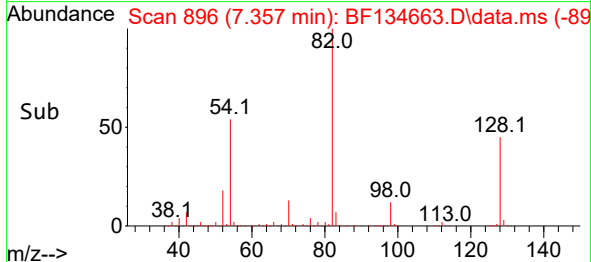
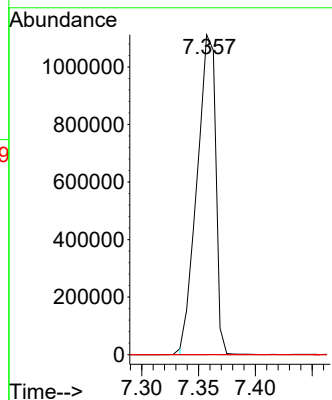
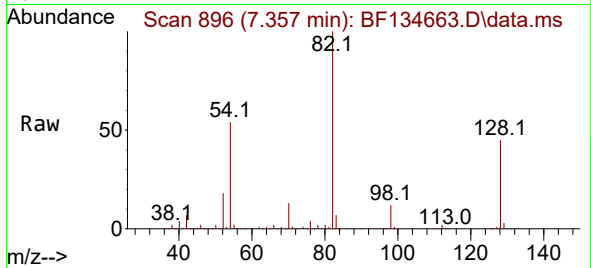




#25
Isophorone
Concen: 44.444 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.271 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

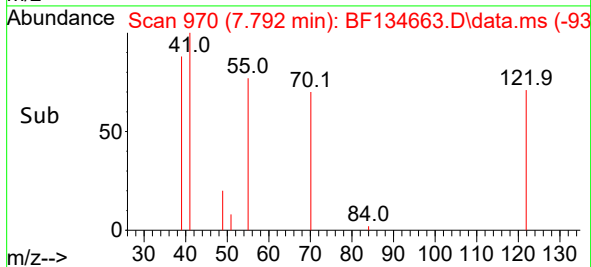
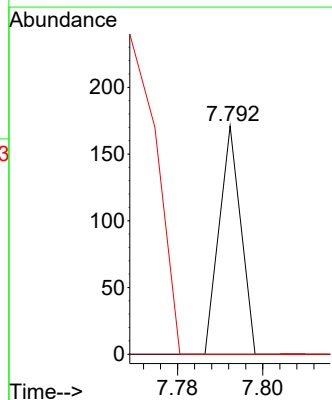
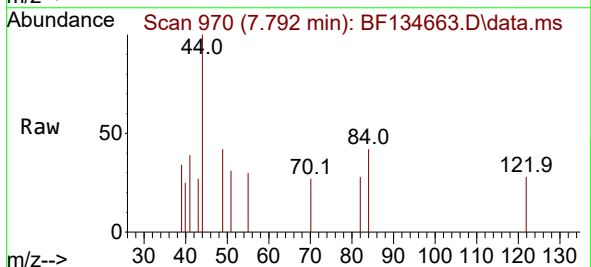
Instrument :
BNA_F
ClientSampleId :
PB154638BL

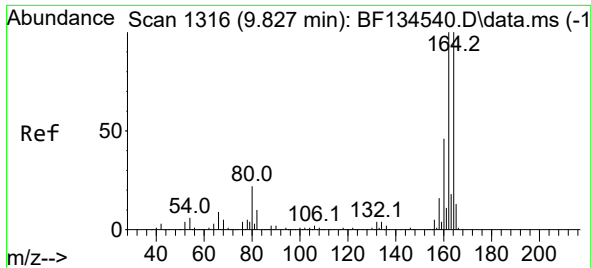
Tgt Ion: 82 Resp: 1273882
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.873 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.071 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

Tgt Ion:122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 87.5 127.5#
77 0.0 71.4 111.4#

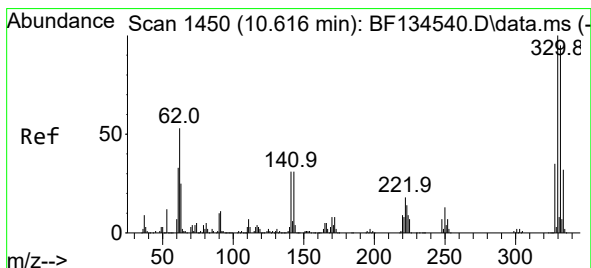
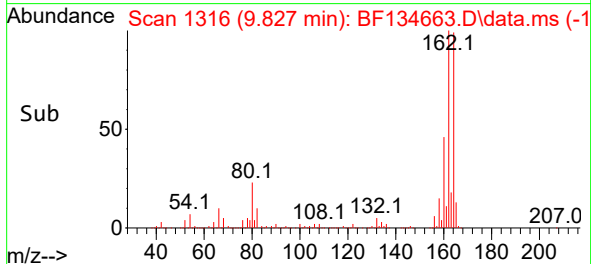
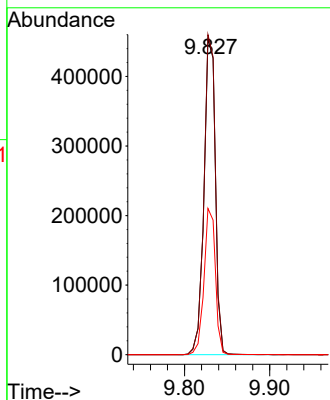
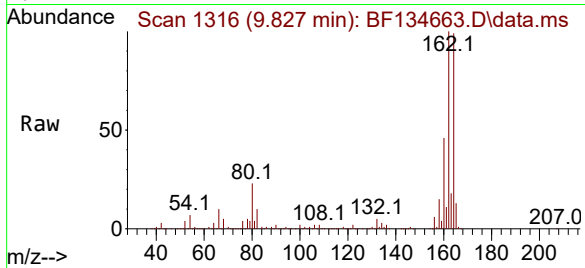




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

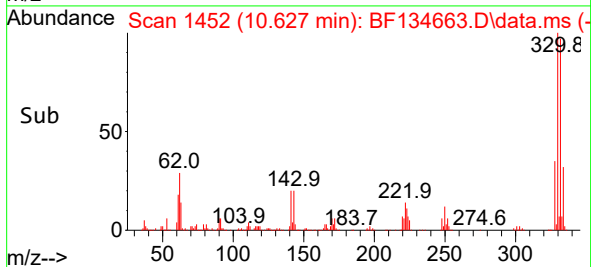
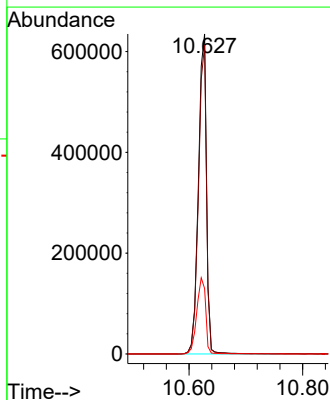
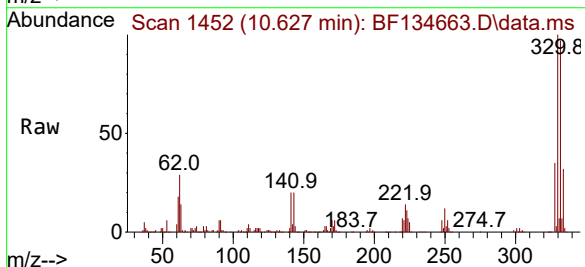
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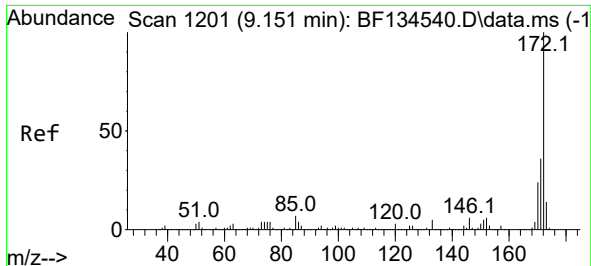
Tgt Ion:164 Resp: 421831
Ion Ratio Lower Upper
164 100
162 101.4 82.6 123.8
160 46.3 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 147.031 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

Tgt Ion:330 Resp: 632258
Ion Ratio Lower Upper
330 100
332 95.6 78.8 118.2
141 26.2 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 87.558 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134663.D

Acq: 08 Aug 2023 10:23

Instrument :

BNA_F

ClientSampleId :

PB154638BL

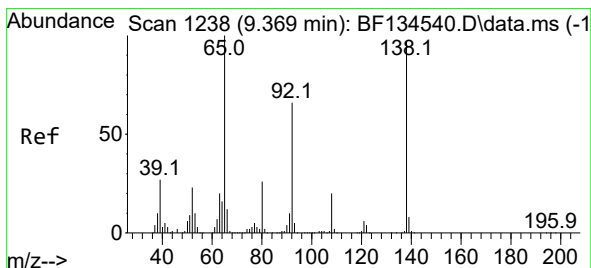
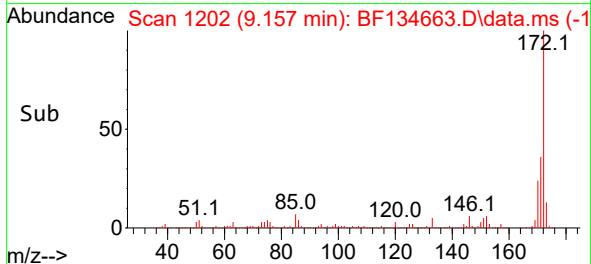
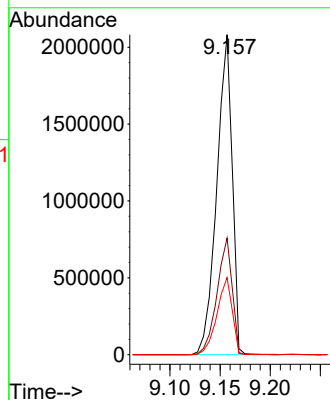
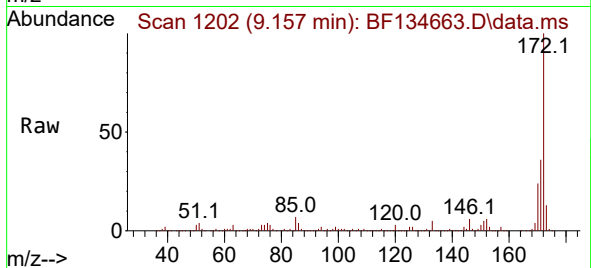
Tgt Ion:172 Resp: 2221387

Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 24.1 18.7 28.1



#48

2-Nitroaniline

Concen: 3.618 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.224 min

Lab File: BF134663.D

Acq: 08 Aug 2023 10:23

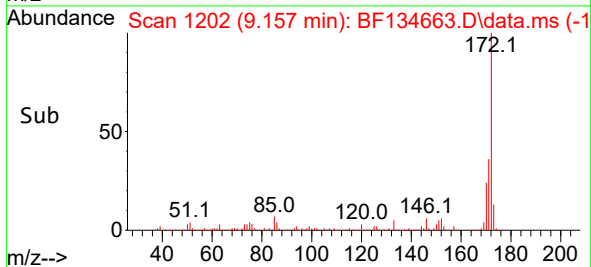
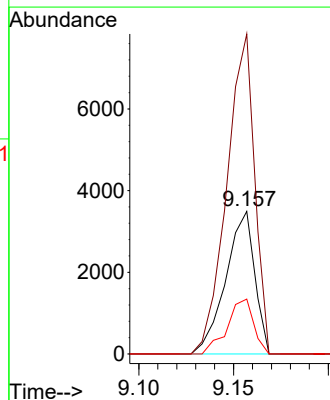
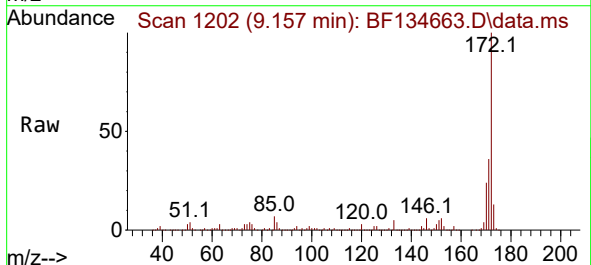
Tgt Ion: 65 Resp: 3710

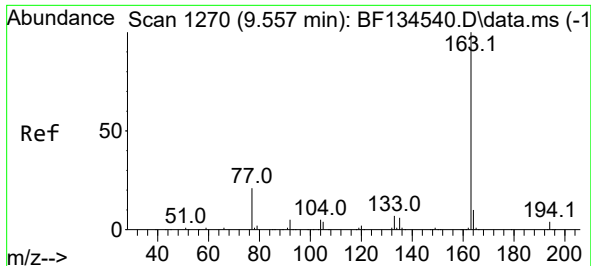
Ion Ratio Lower Upper

65 100

92 224.4 50.7 76.1#

138 38.5 78.2 117.4#

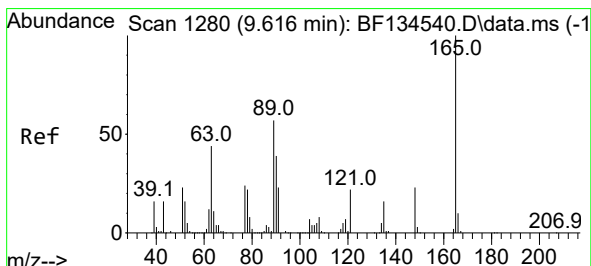
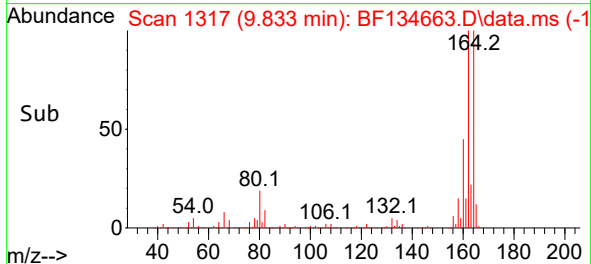
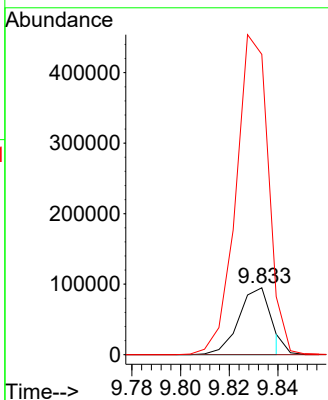
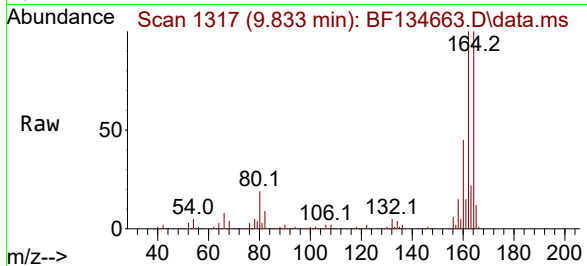




#50
Dimethylphthalate
Concen: 3.033 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

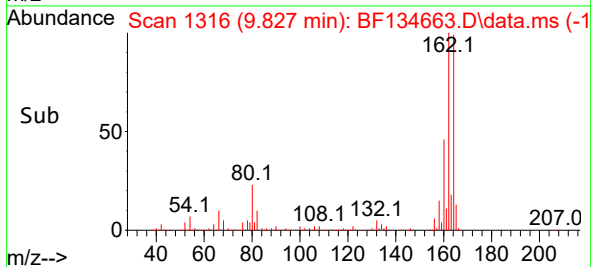
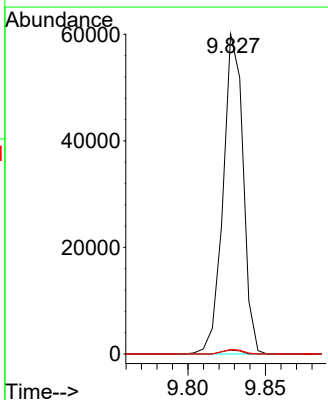
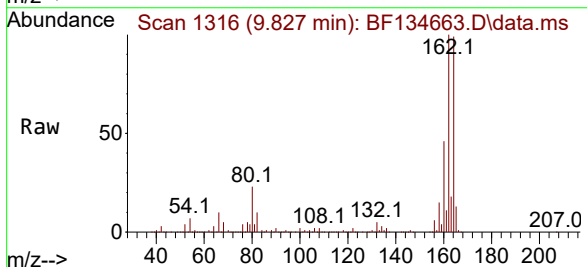
Instrument :
BNA_F
ClientSampleId :
PB154638BL

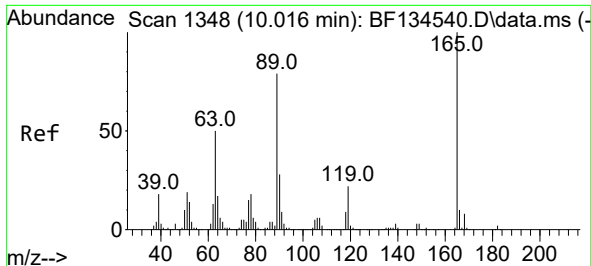
Tgt Ion:163 Resp: 87200
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 448.9 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.147 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

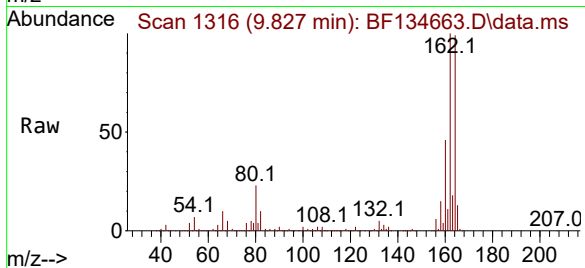
Tgt Ion:165 Resp: 53760
Ion Ratio Lower Upper
165 100
63 1.2 57.8 86.6#
89 1.5 51.8 77.8#



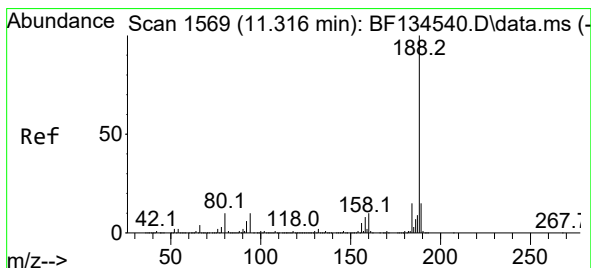
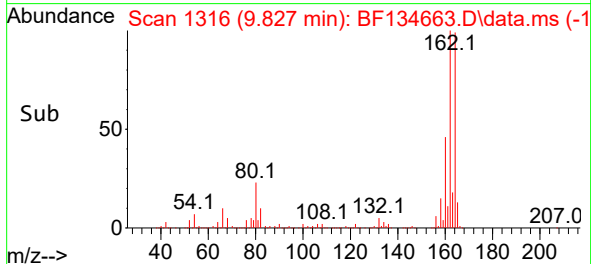
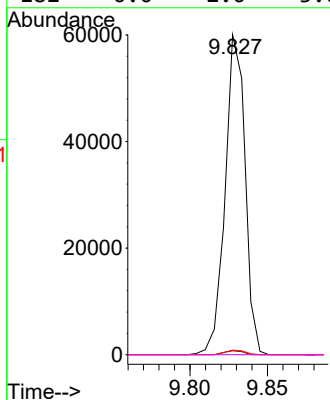


#57
2,4-Dinitrotoluene
Concen: 9.958 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

Instrument :
BNA_F
ClientSampleId :
PB154638BL

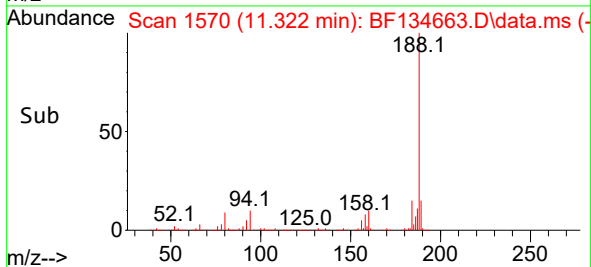
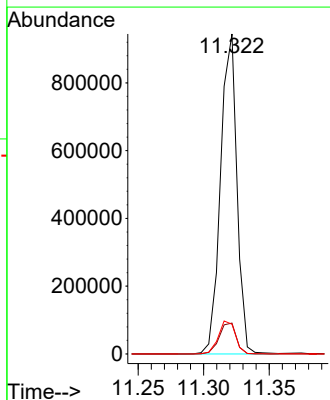
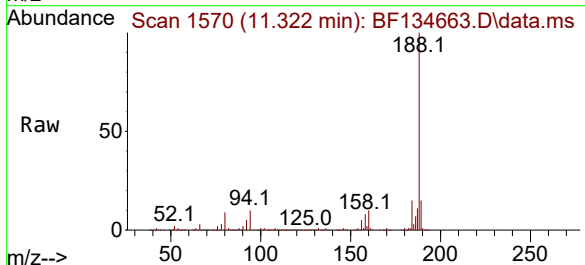


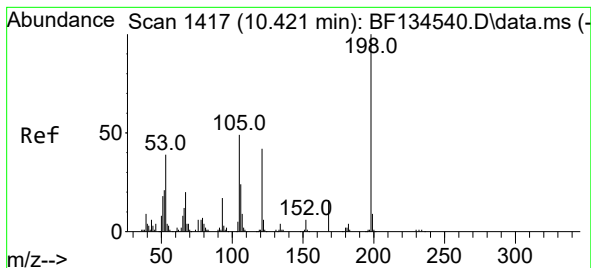
Tgt Ion:165 Resp: 53760
Ion Ratio Lower Upper
165 100
63 1.2 48.9 73.3#
89 1.5 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

Tgt Ion:188 Resp: 819167
Ion Ratio Lower Upper
188 100
94 9.7 5.1 7.7#
80 9.3 6.6 9.8

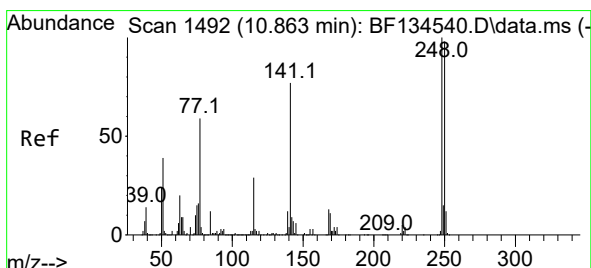
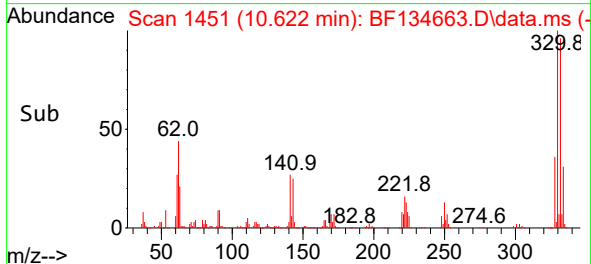
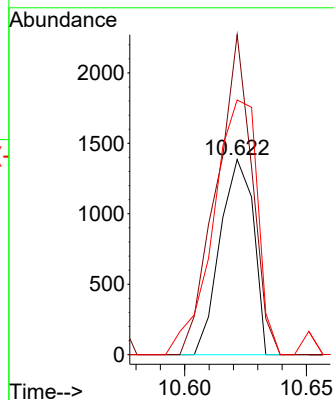
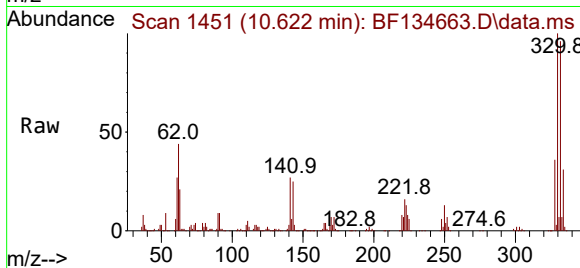




#65
4,6-Dinitro-2-methylphenol
Concen: 9.026 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.182 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

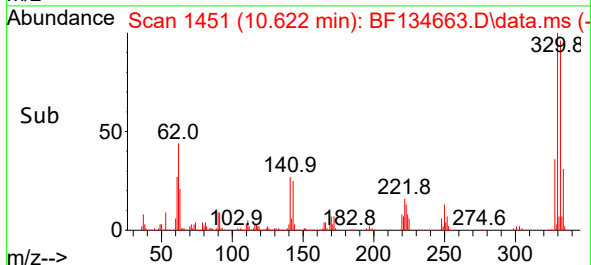
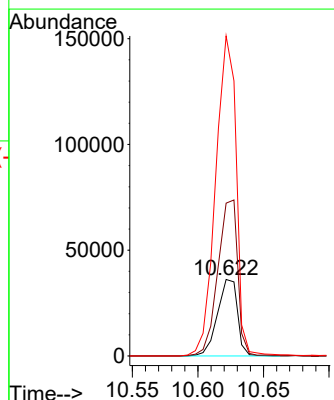
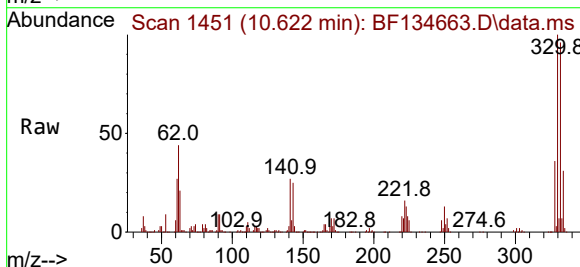
Instrument :
BNA_F
ClientSampleId :
PB154638BL

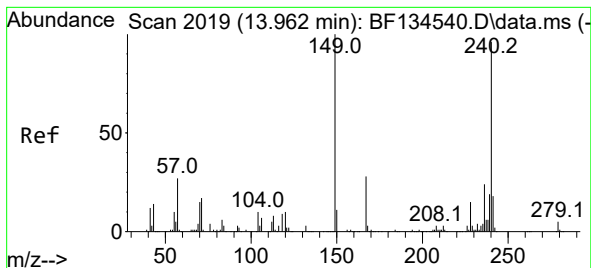
Tgt Ion:198 Resp: 1324
Ion Ratio Lower Upper
198 100
51 164.0 38.6 78.6#
105 130.5 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 4.271 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

Tgt Ion:248 Resp: 38297
Ion Ratio Lower Upper
248 100
250 199.9 79.6 119.4#
141 418.7 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134663.D

Acq: 08 Aug 2023 10:23

Instrument :

BNA_F

ClientSampleId :

PB154638BL

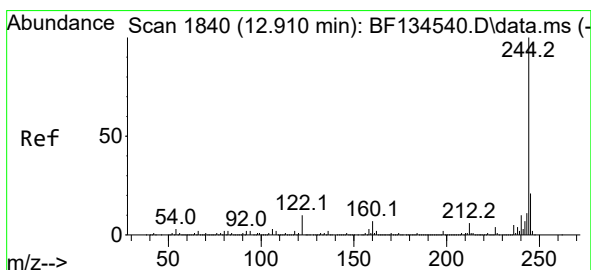
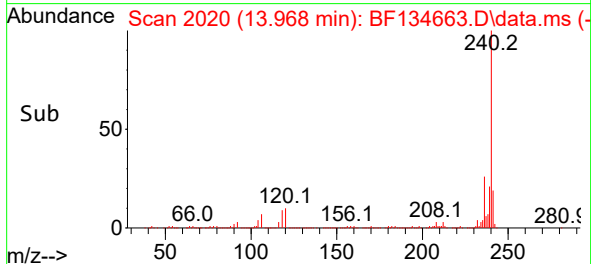
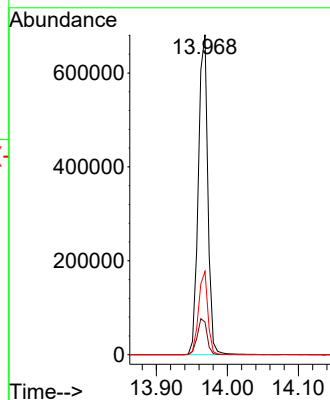
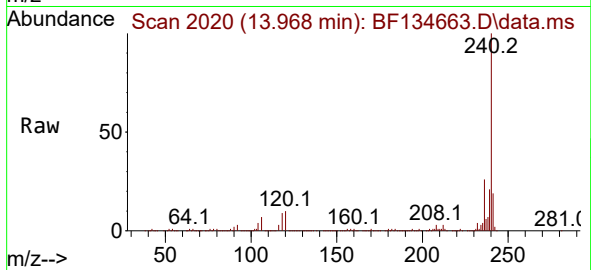
Tgt Ion:240 Resp: 635773

Ion Ratio Lower Upper

240 100

120 10.2 6.6 10.0#

236 26.0 20.2 30.2



#79

Terphenyl-d14

Concen: 78.846 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BF134663.D

Acq: 08 Aug 2023 10:23

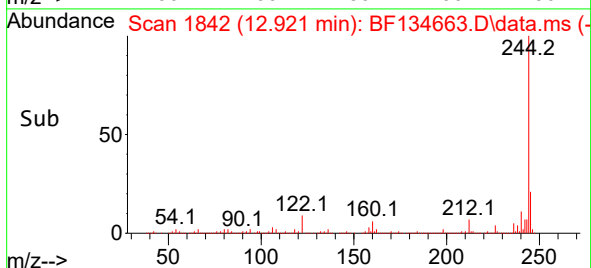
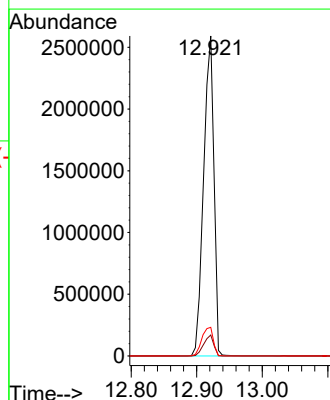
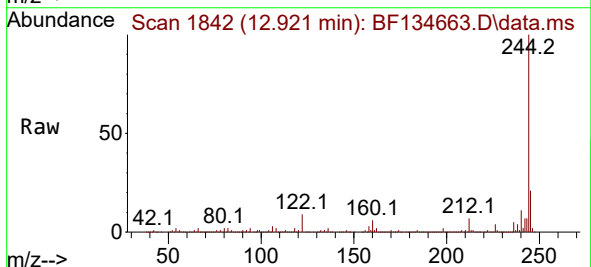
Tgt Ion:244 Resp: 2843577

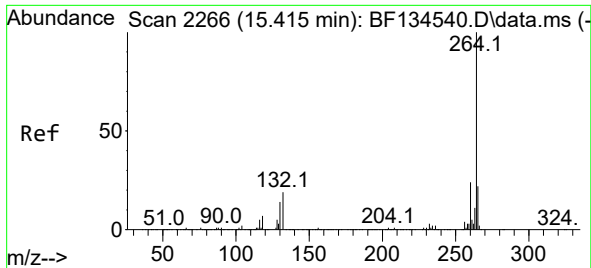
Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

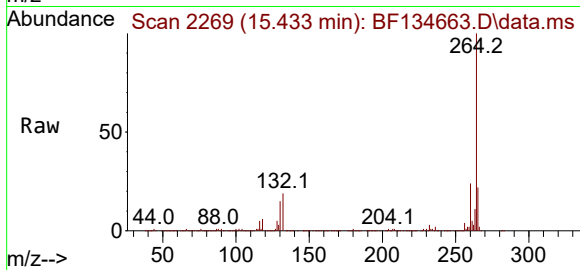
122 8.9 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134663.D
Acq: 08 Aug 2023 10:23

Instrument :
BNA_F
ClientSampleId :
PB154638BL



Tgt Ion:264 Resp: 493834
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 21.9 15.8 23.8

