

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134746.D
 Acq On : 11 Aug 2023 22:28
 Operator : CG\JU
 Sample : 03971-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PP041A

Quant Time: Aug 11 23:59:00 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)

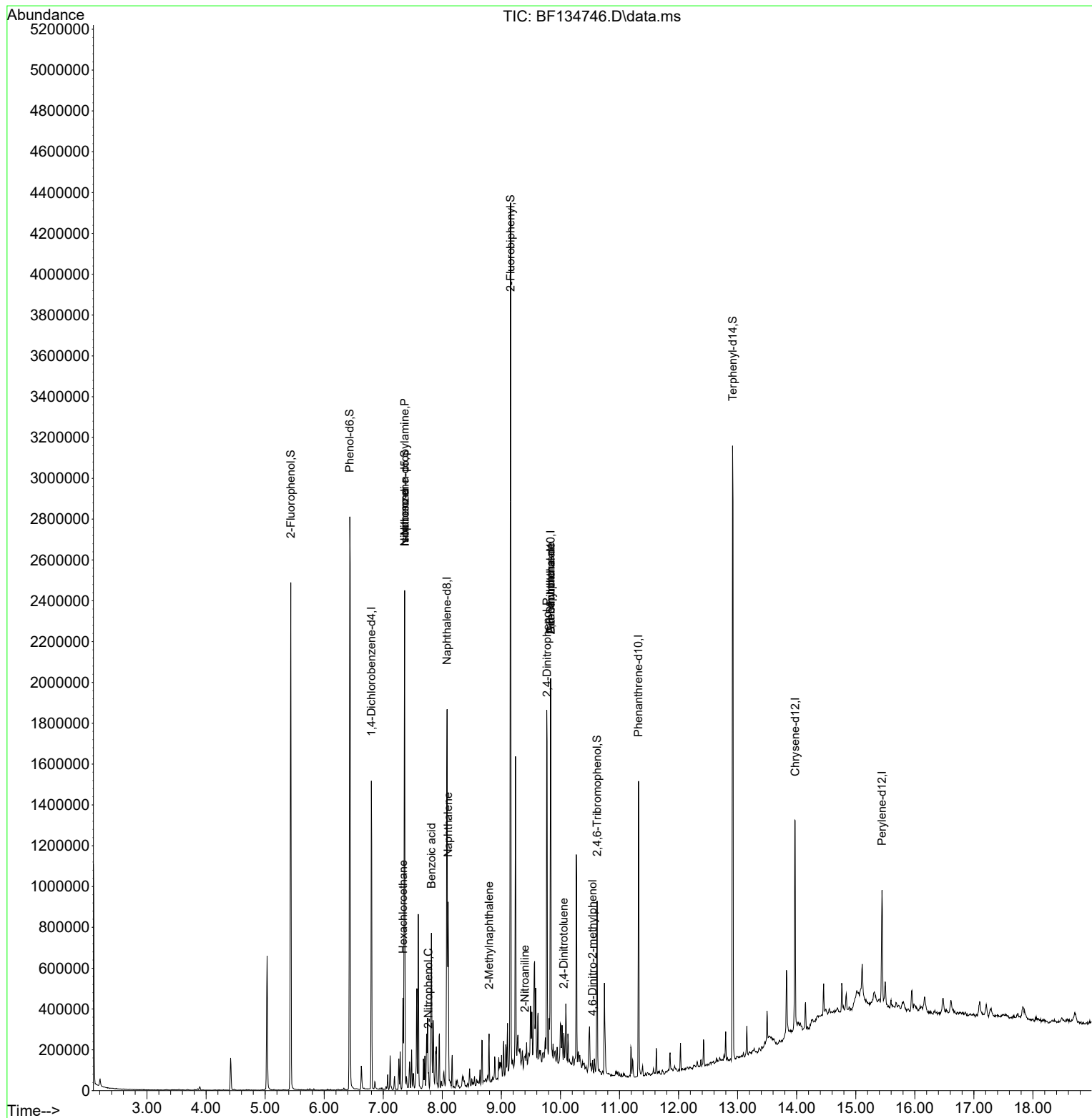
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	210984	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	794902	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	340397	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	504127	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	368314	20.000	ng	0.00
86) Perylene-d12	15.445	264	271460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	627210	45.189	ng	0.00
7) Phenol-d6	6.434	99	1076222	60.658	ng	0.00
23) Nitrobenzene-d5	7.363	82	712009	55.976	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	97725	28.163	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1253225	61.215	ng	0.00
79) Terphenyl-d14	12.915	244	1134116	54.282	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.351	77	514	Below Cal	#	53
18) Hexachloroethane	7.333	117	12857	2.523	ng	# 1
19) n-Nitroso-di-n-propyla...	7.363	70	97477	9.176	ng	# 71
25) Isophorone	7.363	82	702757	25.331	ng	# 65
26) 2-Nitrophenol	7.763	139	58	4.801	ng	# 1
31) Naphthalene	8.098	128	251657	6.299	ng	# 98
32) Benzoic acid	7.816	122	60	7.873	ng	# 1
37) 2-Methylnaphthalene	8.792	142	61605	2.326	ng	# 99
48) 2-Nitroaniline	9.398	65	587	3.255	ng	# 63
50) Dimethylphthalate	9.833	163	70798	3.052	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	43146	11.100	ng	# 18
54) 2,4-Dinitrophenol	9.774	184	262	6.966	ng	# 1
57) 2,4-Dinitrotoluene	10.057	165	1647	3.121	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.545	198	73	8.728	ng	# 1

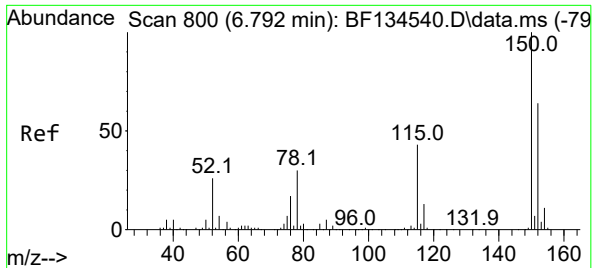
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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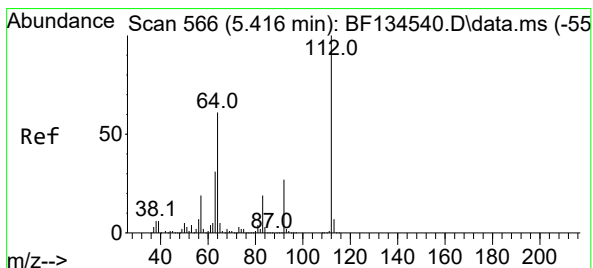
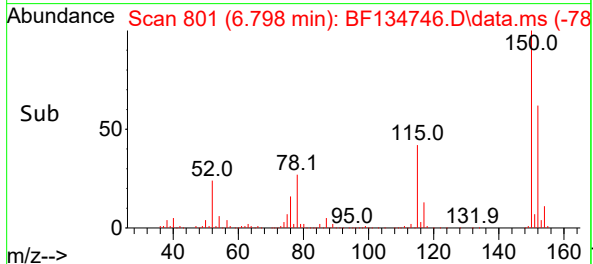
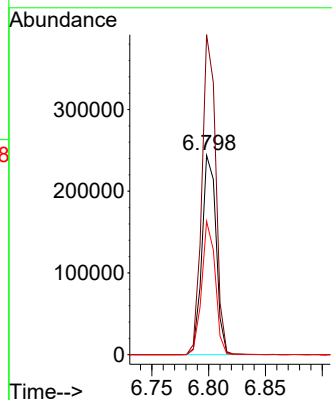
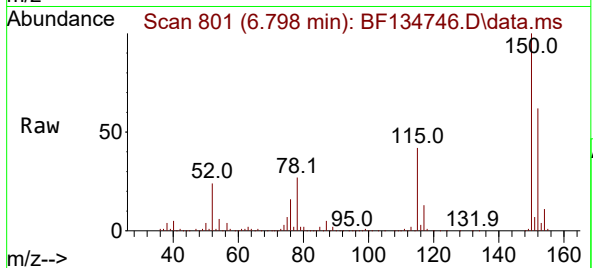




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

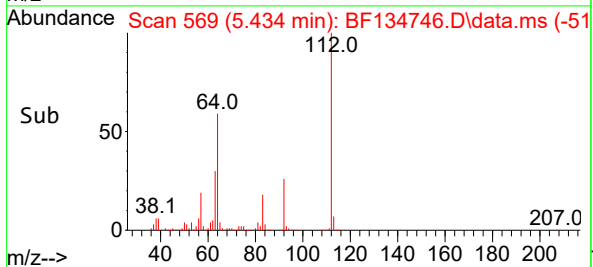
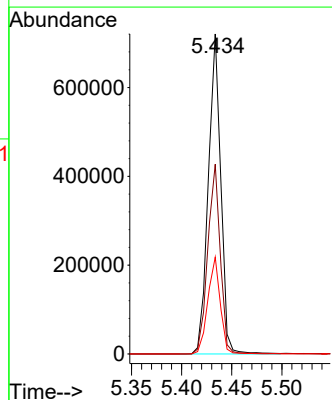
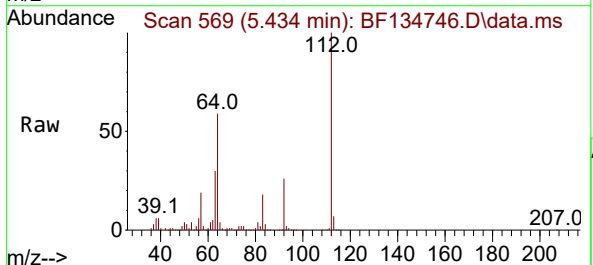
Instrument :
BNA_F
ClientSampleId :
B-PP041A

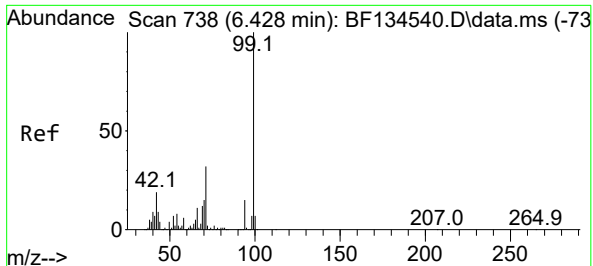
Tgt Ion:152 Resp: 210984
Ion Ratio Lower Upper
152 100
150 160.5 128.3 192.5
115 66.9 52.4 78.6



#5
2-Fluorophenol
Concen: 45.189 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

Tgt Ion:112 Resp: 627210
Ion Ratio Lower Upper
112 100
64 59.3 44.9 67.3
63 30.3 25.4 38.0

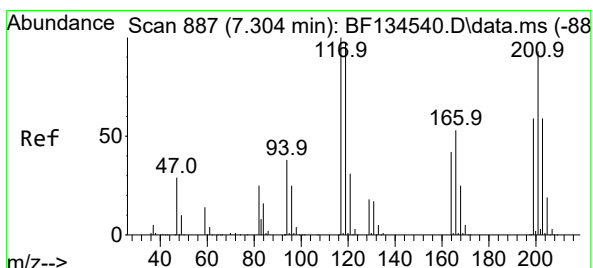
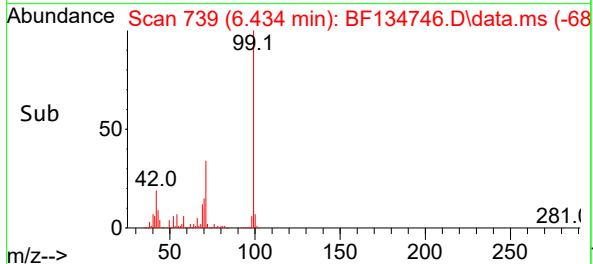
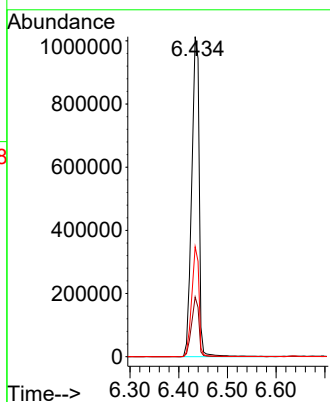
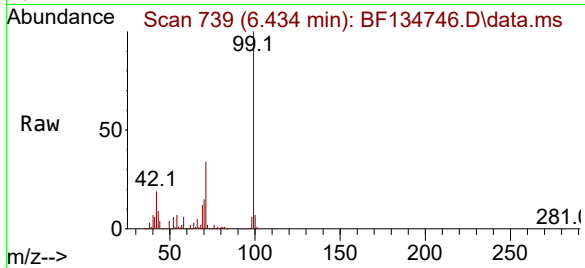




#7
Phenol-d6
Concen: 60.658 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

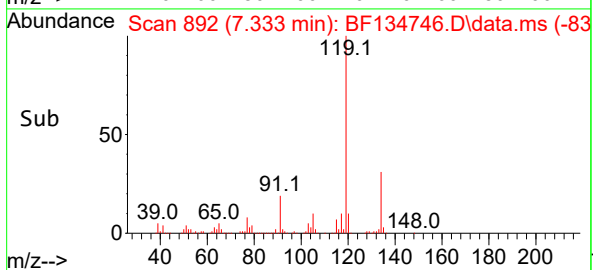
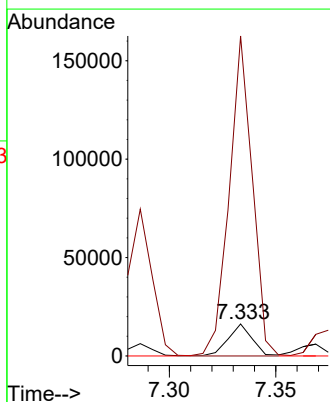
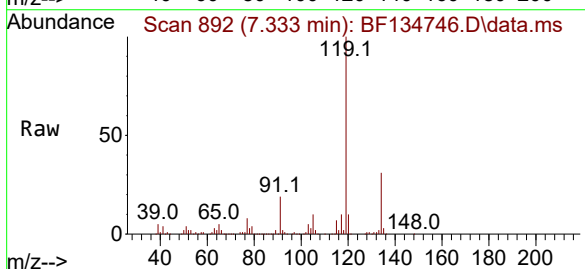
Instrument :
BNA_F
ClientSampleId :
B-PP041A

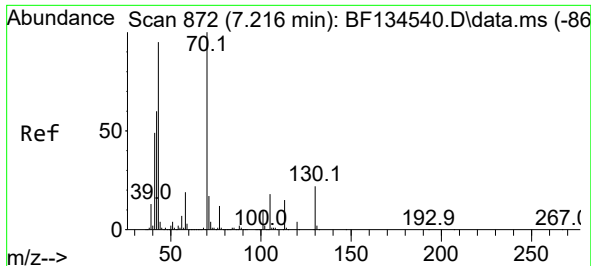
Tgt Ion: 99 Resp: 1076222
Ion Ratio Lower Upper
99 100
42 18.6 18.7 28.1#
71 34.4 36.4 54.6#



#18
Hexachloroethane
Concen: 2.523 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.023 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

Tgt Ion: 117 Resp: 12857
Ion Ratio Lower Upper
117 100
119 997.7 75.8 113.8#
201 0.0 73.6 110.4#

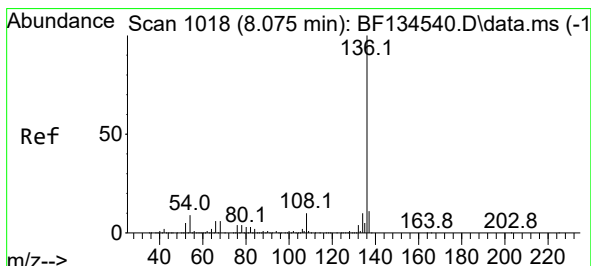
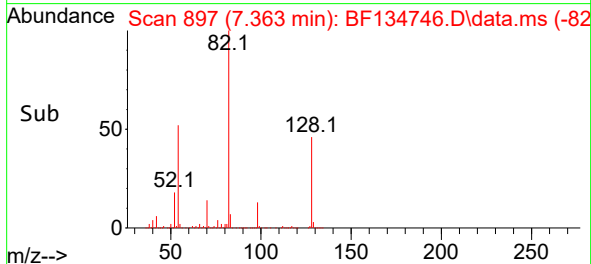
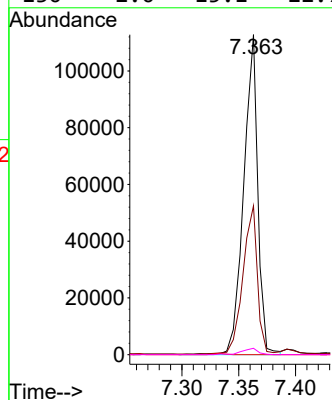
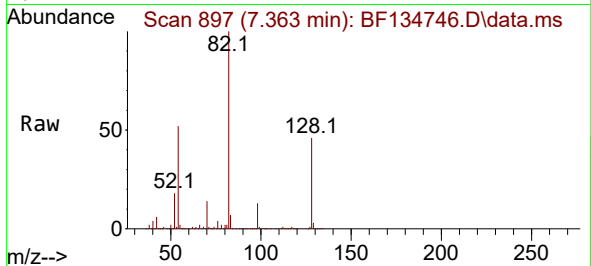




#19
n-Nitroso-di-n-propylamine
Concen: 9.176 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

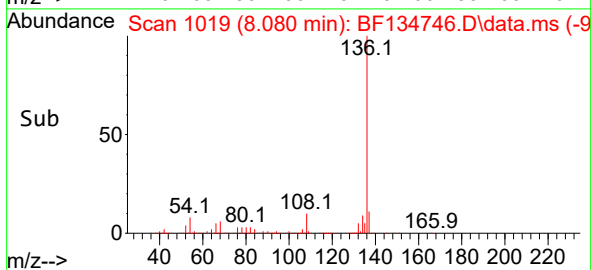
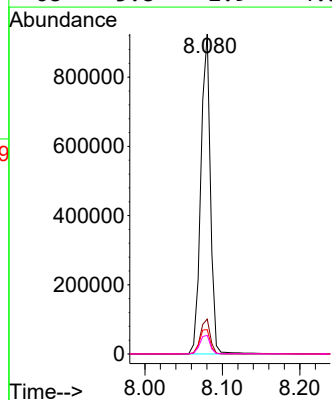
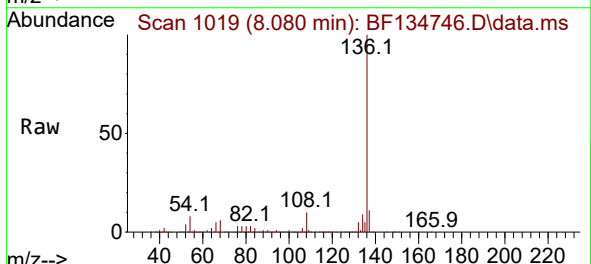
Instrument :
BNA_F
ClientSampleId :
B-PP041A

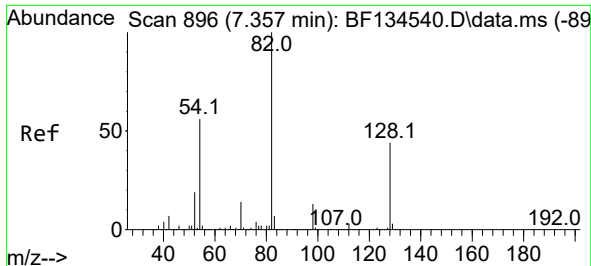
Tgt Ion: 70 Resp: 97477
Ion Ratio Lower Upper
70 100
42 46.5 54.7 82.1#
101 0.0 8.2 12.2#
130 2.0 15.1 22.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

Tgt Ion:136 Resp: 794902
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.6 5.2 7.8
68 5.8 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 55.976 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF134746.D

Acq: 11 Aug 2023 22:28

Instrument :

BNA_F

ClientSampleId :

B-PP041A

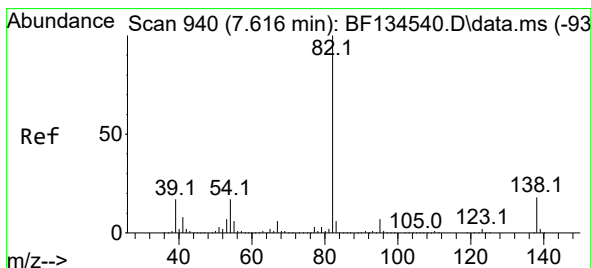
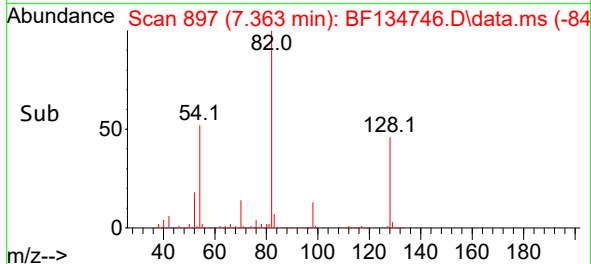
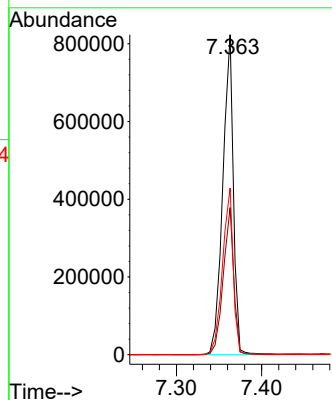
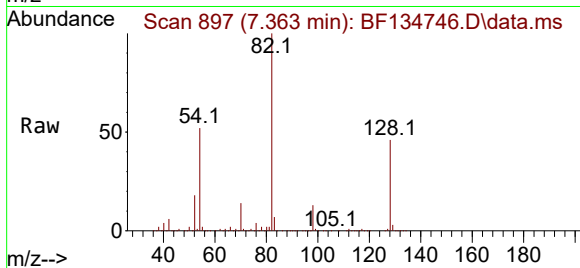
Tgt Ion: 82 Resp: 712009

Ion Ratio Lower Upper

82 100

128 46.0 34.3 51.5

54 52.1 43.8 65.6



#25

Isophorone

Concen: 25.331 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.265 min

Lab File: BF134746.D

Acq: 11 Aug 2023 22:28

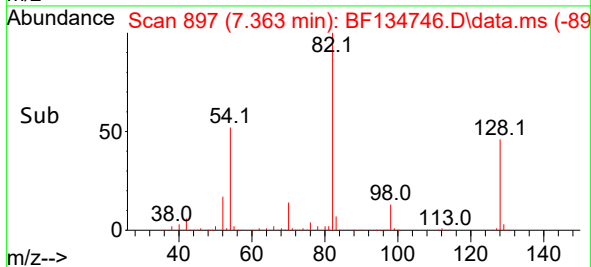
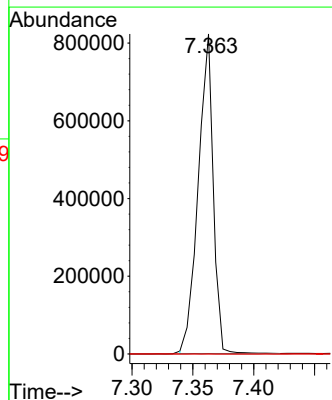
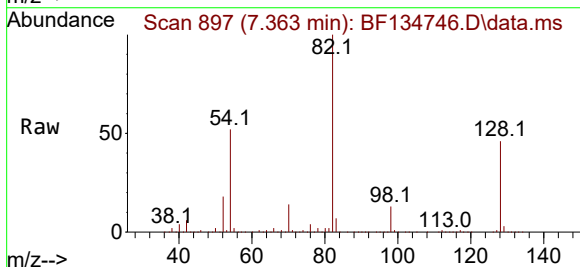
Tgt Ion: 82 Resp: 702757

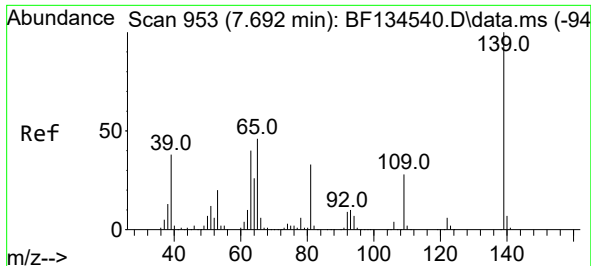
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 14.6 22.0#

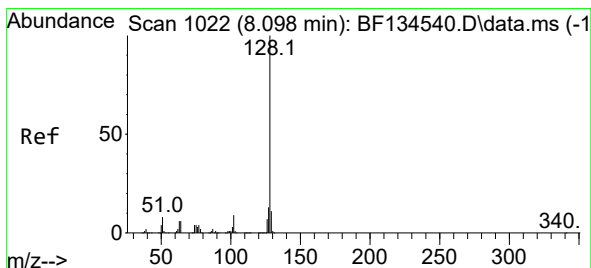
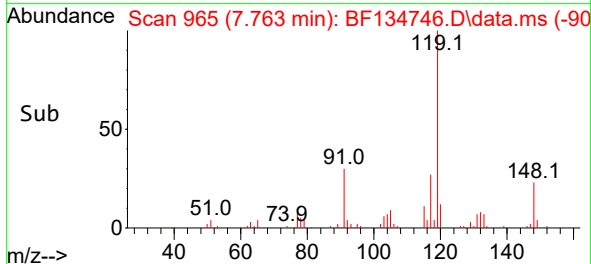
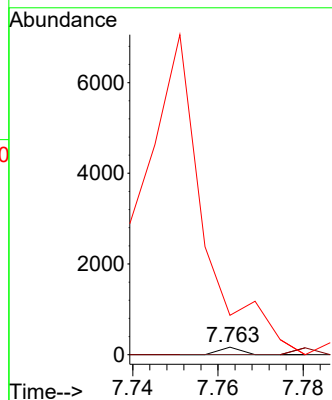
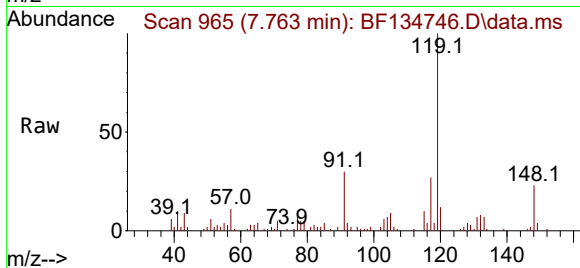




#26
2-Nitrophenol
Concen: 4.801 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.065 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

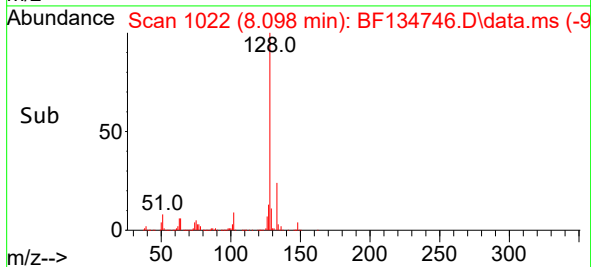
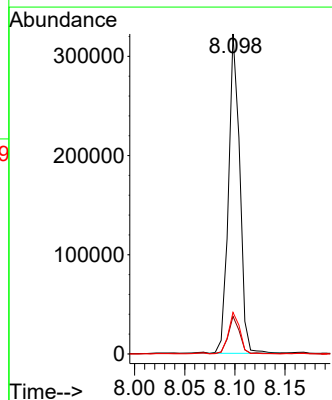
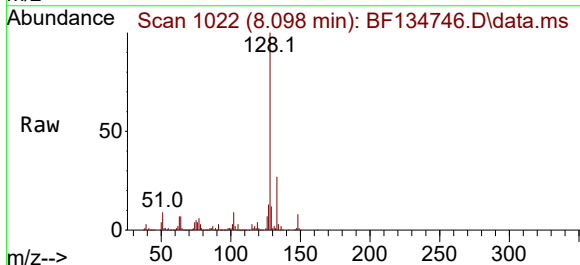
Instrument :
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B-PP041A

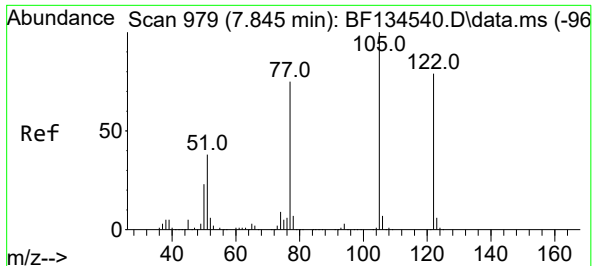
Tgt Ion:139 Resp: 58
Ion Ratio Lower Upper
139 100
109 0.0 29.8 44.6#
65 529.9 45.4 68.2#



#31
Naphthalene
Concen: 6.299 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

Tgt Ion:128 Resp: 251657
Ion Ratio Lower Upper
128 100
129 11.8 8.4 12.6
127 13.0 10.7 16.1





#32

Benzoic acid

Concen: 7.873 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.047 min

Lab File: BF134746.D

Acq: 11 Aug 2023 22:28

Instrument :

BNA_F

ClientSampleId :

B-PP041A

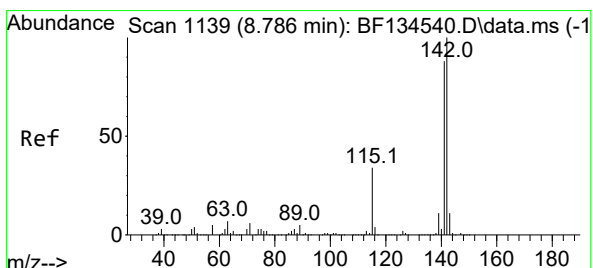
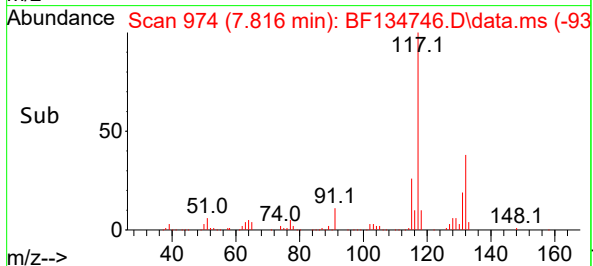
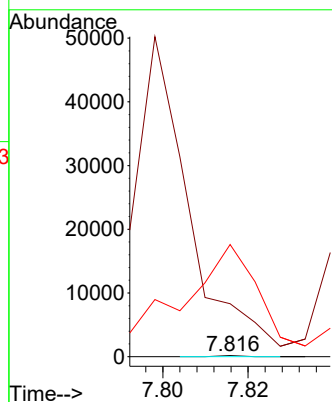
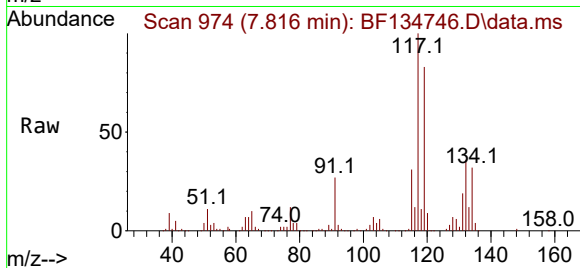
Tgt Ion:122 Resp: 60

Ion Ratio Lower Upper

122 100

105 4863.7 87.5 127.5#

77 10297.1 71.4 111.4#



#37

2-Methylnaphthalene

Concen: 2.326 ng

RT: 8.792 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF134746.D

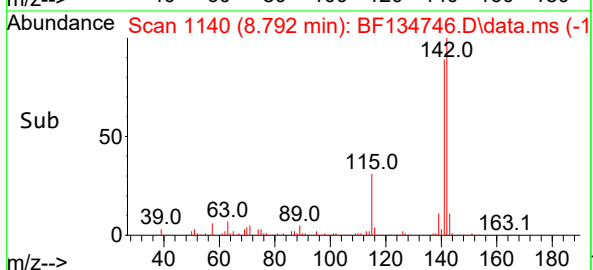
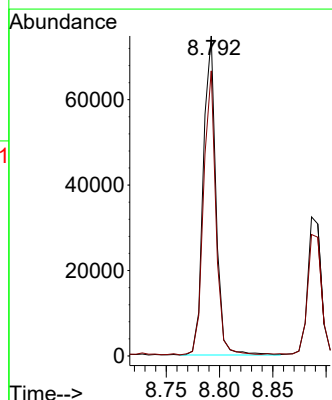
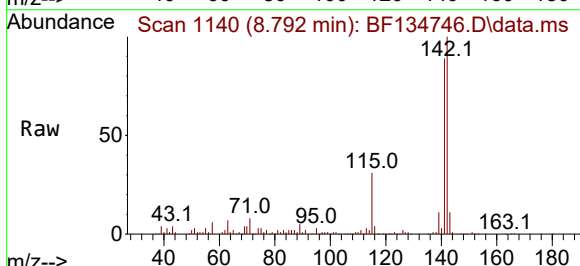
Acq: 11 Aug 2023 22:28

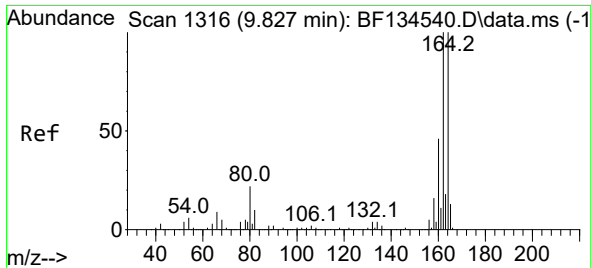
Tgt Ion:142 Resp: 61605

Ion Ratio Lower Upper

142 100

141 89.1 70.8 106.2

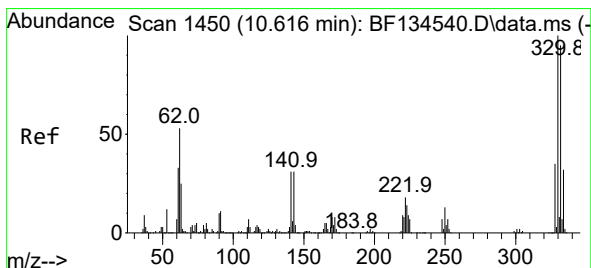
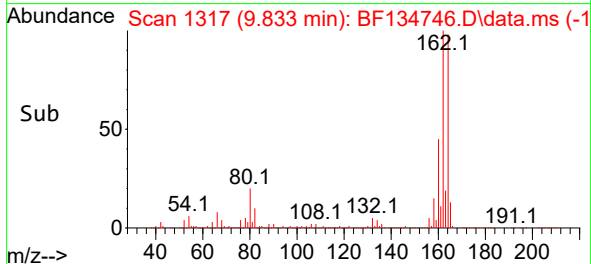
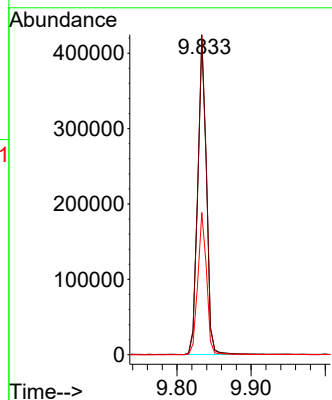
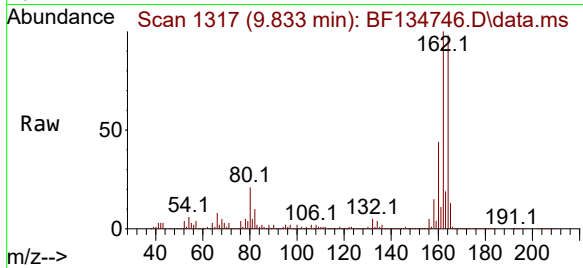




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

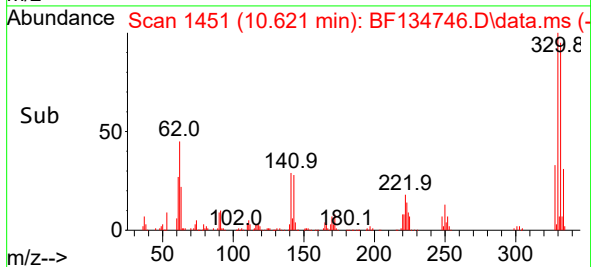
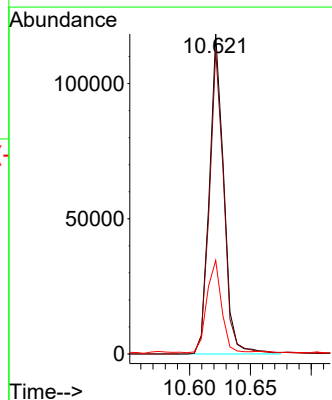
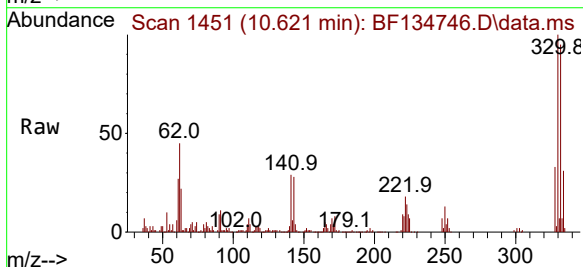
Instrument :
BNA_F
ClientSampleId :
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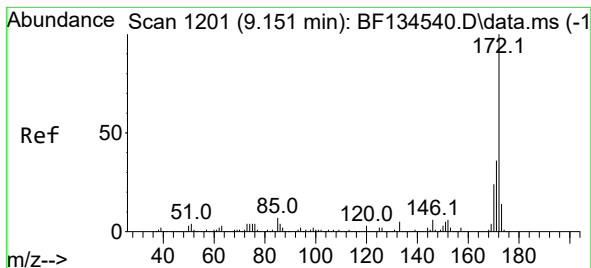
Tgt Ion:164 Resp: 340397
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 45.1 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 28.163 ng
RT: 10.621 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

Tgt Ion:330 Resp: 97725
Ion Ratio Lower Upper
330 100
332 95.5 78.8 118.2
141 29.3 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 61.215 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134746.D

Acq: 11 Aug 2023 22:28

Instrument :

BNA_F

ClientSampleId :

B-PP041A

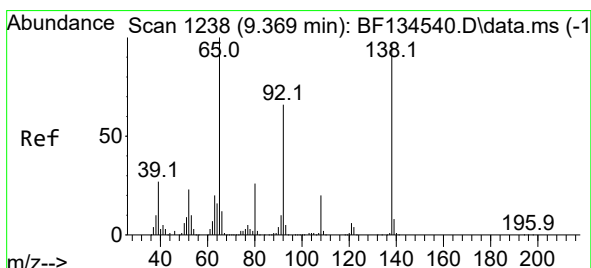
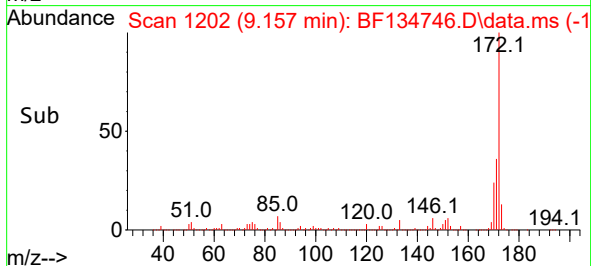
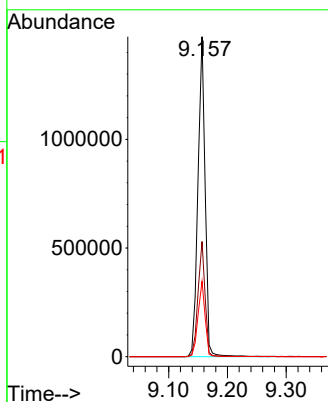
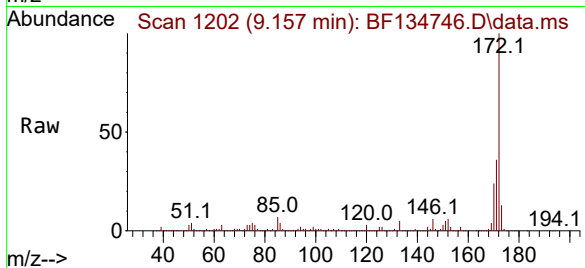
Tgt Ion:172 Resp: 1253225

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.5 18.7 28.1



#48

2-Nitroaniline

Concen: 3.255 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.018 min

Lab File: BF134746.D

Acq: 11 Aug 2023 22:28

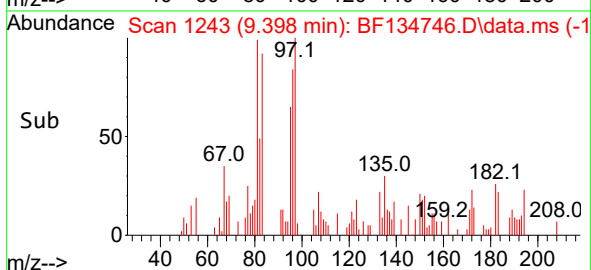
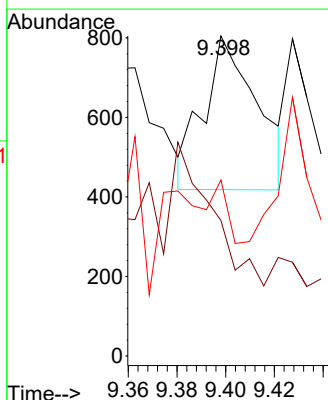
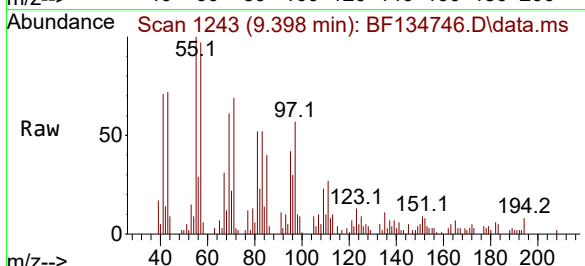
Tgt Ion: 65 Resp: 587

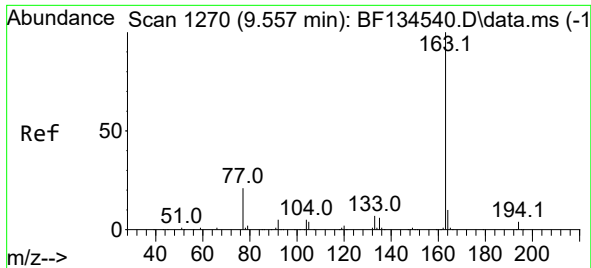
Ion Ratio Lower Upper

65 100

92 42.4 50.7 76.1#

138 55.0 78.2 117.4#

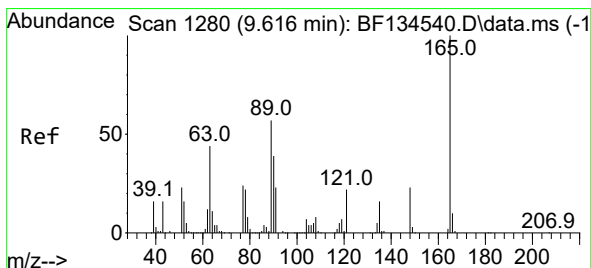
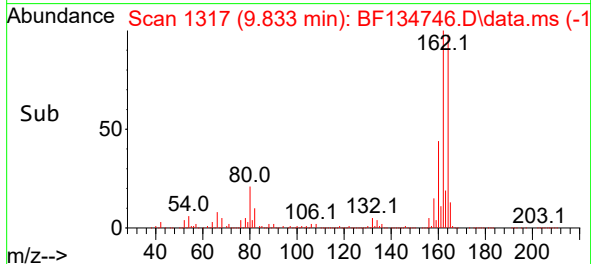
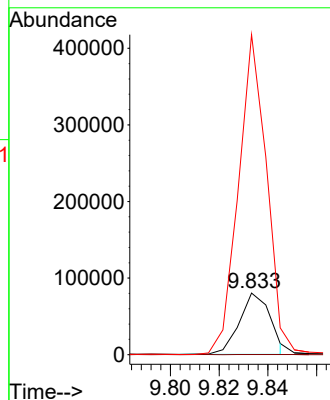
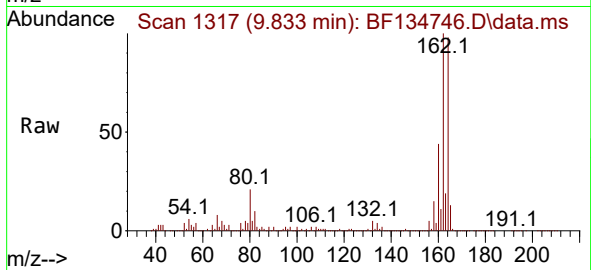




#50
Dimethylphthalate
Concen: 3.052 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

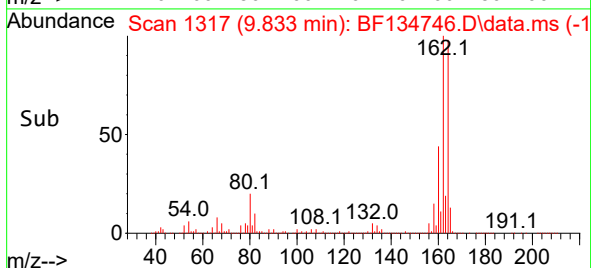
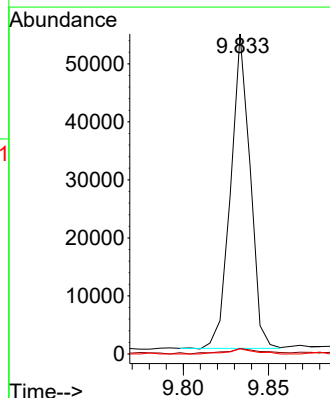
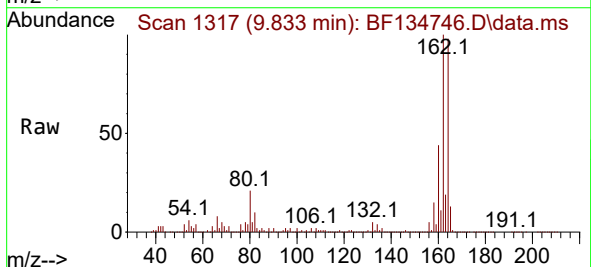
Instrument :
BNA_F
ClientSampleId :
B-PP041A

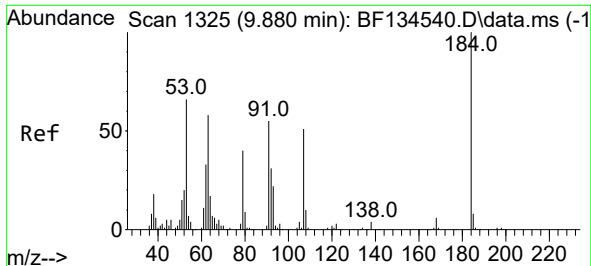
Tgt Ion:163 Resp: 70798
Ion Ratio Lower Upper
163 100
194 0.3 3.3 4.9#
164 519.1 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.100 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

Tgt Ion:165 Resp: 43146
Ion Ratio Lower Upper
165 100
63 1.7 57.8 86.6#
89 1.6 51.8 77.8#

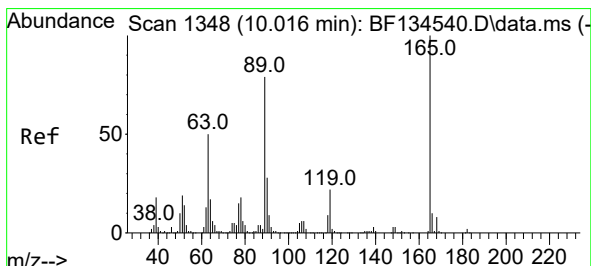
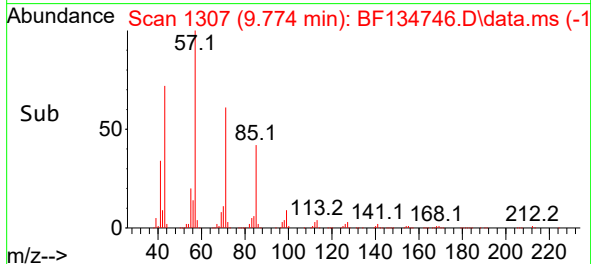
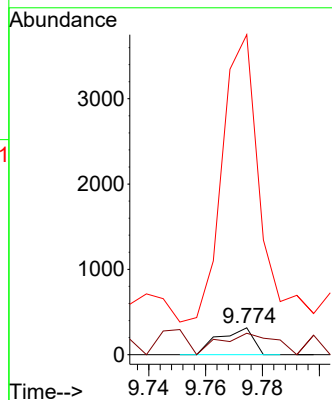
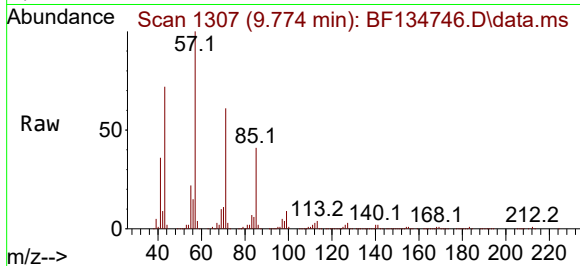




#54
2,4-Dinitrophenol
Concen: 6.966 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.124 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

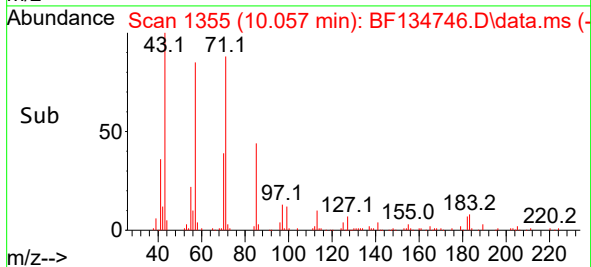
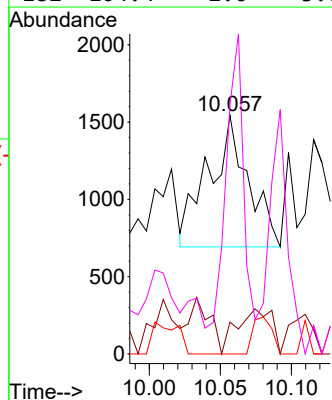
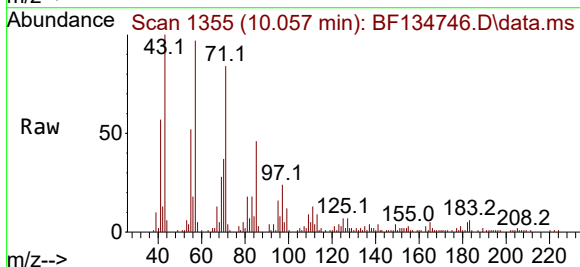
Instrument :
BNA_F
ClientSampleId :
B-PP041A

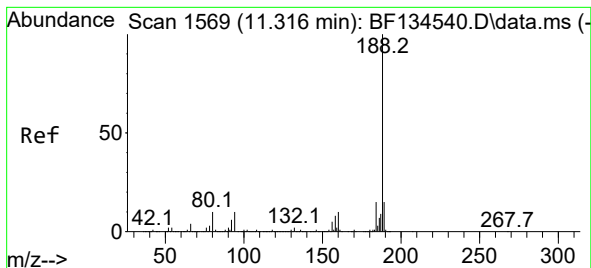
Tgt Ion:184 Resp: 262
Ion Ratio Lower Upper
184 100
63 79.9 57.1 85.7
154 1194.6 59.1 88.7#



#57
2,4-Dinitrotoluene
Concen: 3.121 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.029 min
Lab File: BF134746.D
Acq: 11 Aug 2023 22:28

Tgt Ion:165 Resp: 1647
Ion Ratio Lower Upper
165 100
63 13.4 48.9 73.3#
89 0.0 61.7 92.5#
182 104.4 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF134746.D

Acq: 11 Aug 2023 22:28

Instrument :

BNA_F

ClientSampleId :

B-PP041A

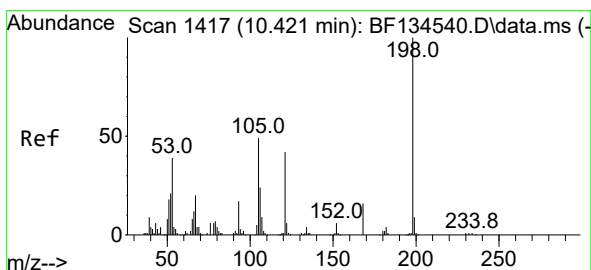
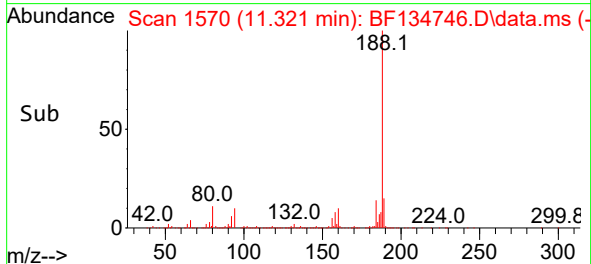
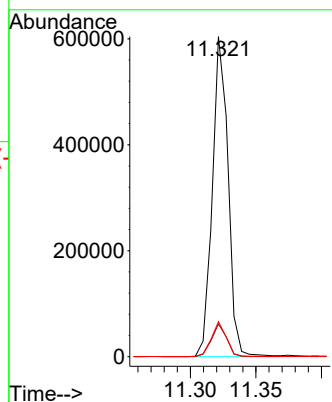
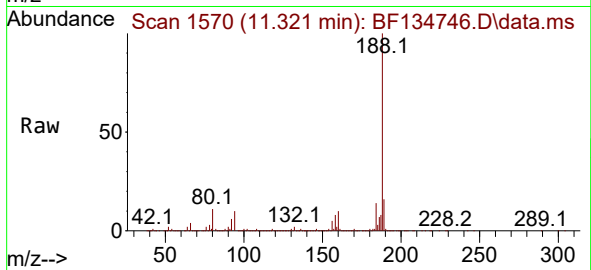
Tgt Ion:188 Resp: 504127

Ion Ratio Lower Upper

188 100

94 10.3 5.1 7.7#

80 11.0 6.6 9.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 8.728 ng

RT: 10.545 min Scan# 1438

Delta R.T. 0.106 min

Lab File: BF134746.D

Acq: 11 Aug 2023 22:28

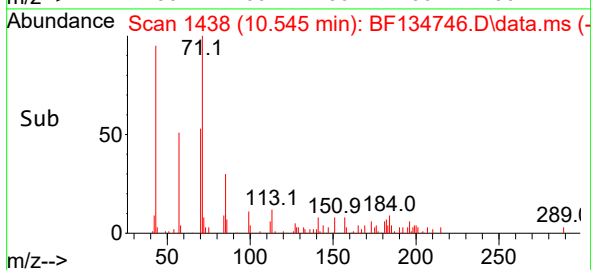
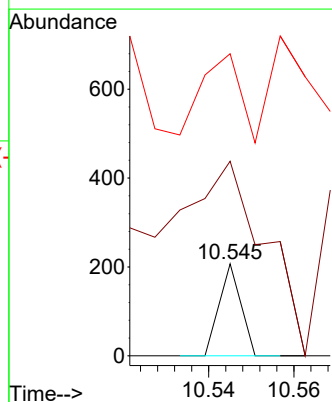
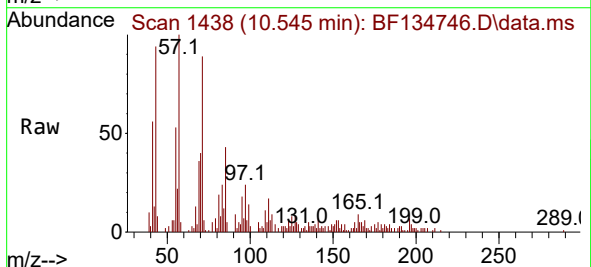
Tgt Ion:198 Resp: 73

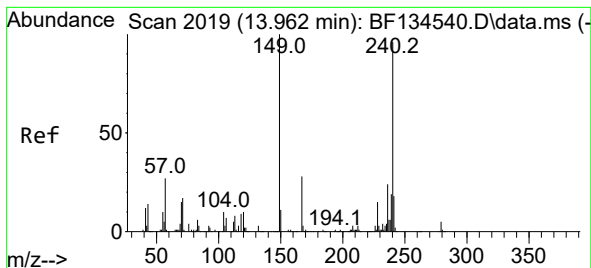
Ion Ratio Lower Upper

198 100

51 211.6 38.6 78.6#

105 328.5 27.9 67.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF134746.D

Acq: 11 Aug 2023 22:28

Instrument :

BNA_F

ClientSampleId :

B-PP041A

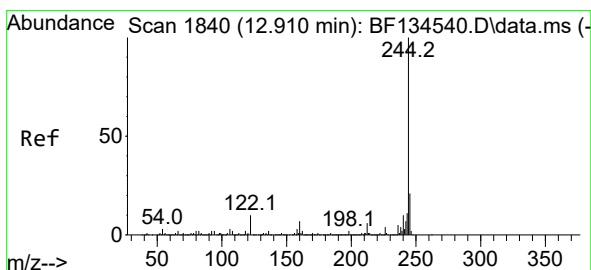
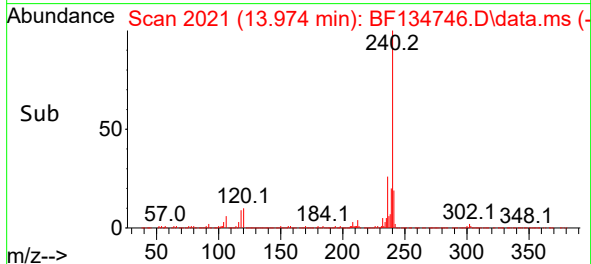
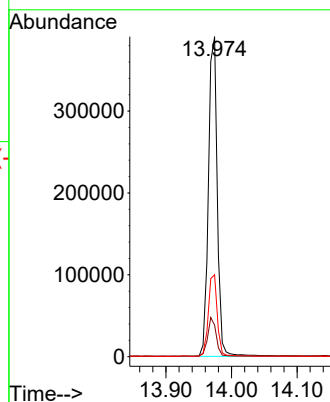
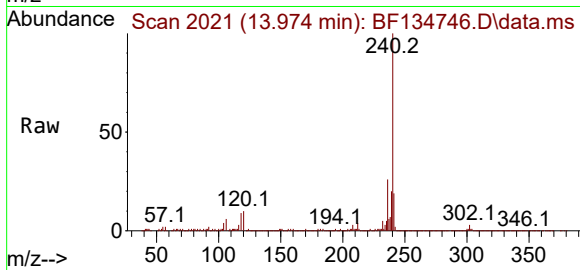
Tgt Ion:240 Resp: 368314

Ion Ratio Lower Upper

240 100

120 9.8 6.6 10.0

236 25.6 20.2 30.2



#79

Terphenyl-d14

Concen: 54.282 ng

RT: 12.915 min Scan# 1841

Delta R.T. -0.006 min

Lab File: BF134746.D

Acq: 11 Aug 2023 22:28

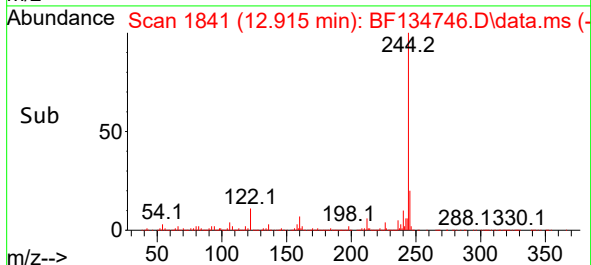
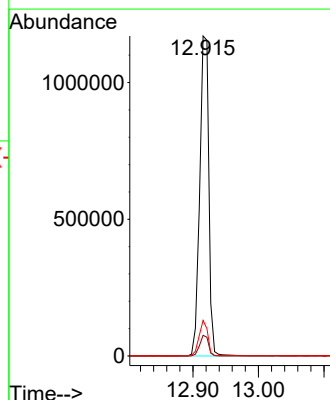
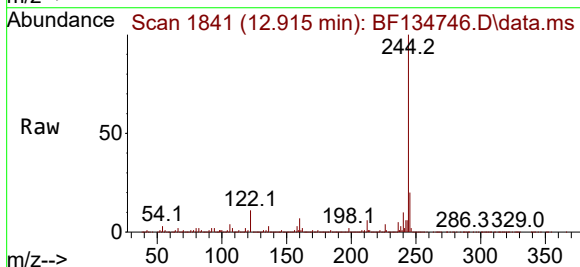
Tgt Ion:244 Resp: 1134116

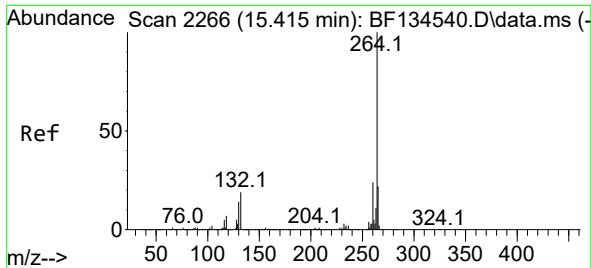
Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

122 11.1 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF134746.D
 Acq: 11 Aug 2023 22:28

Instrument :
 BNA_F
 ClientSampleId :
 B-PP041A

Tgt Ion:264 Resp: 271460
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.4 27.6
 265 22.9 15.8 23.8

