

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134721.D
 Acq On : 11 Aug 2023 08:39
 Operator : CG\JU
 Sample : PB154756BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154756BL

Quant Time: Aug 11 22:18:43 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)

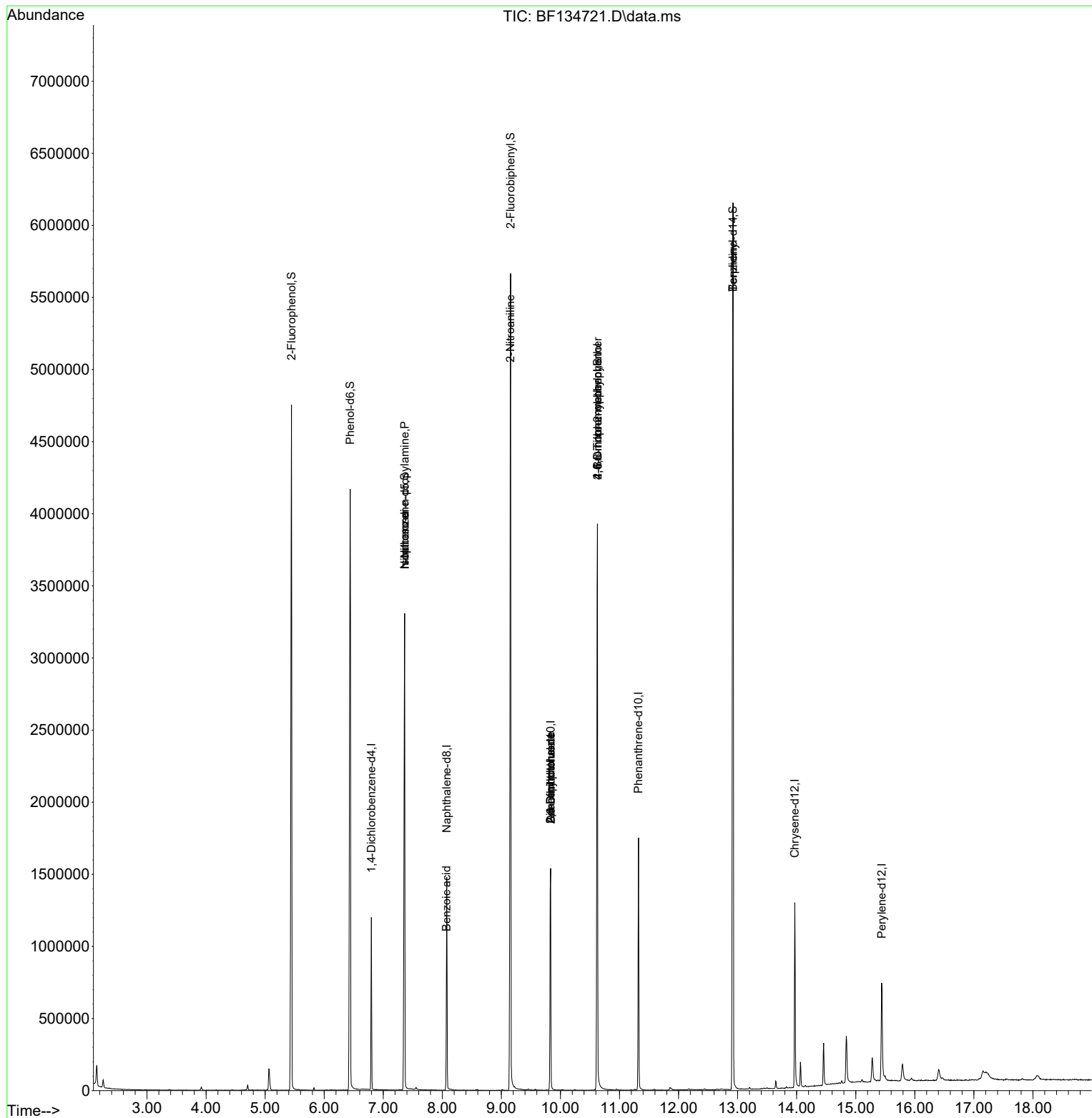
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	155708	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	623438	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	325423	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	625023	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	463980	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	386016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1484227	144.898	ng	0.02
7) Phenol-d6	6.439	99	1888018	144.189	ng	0.00
23) Nitrobenzene-d5	7.363	82	1176605	117.942	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	588780	177.484	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2097796	107.183	ng	0.00
79) Terphenyl-d14	12.921	244	2622432	99.638	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.392	77	139	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.363	70	158175	20.176	ng	# 72
25) Isophorone	7.363	82	1158373	53.236	ng	# 65
32) Benzoic acid	8.069	122	64	7.876	ng	# 1
48) 2-Nitroaniline	9.151	65	3334	3.693	ng	# 1
50) Dimethylphthalate	9.833	163	67848	3.059	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	41706	11.196	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	41706	9.998	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.627	198	973	9.014	ng	# 1
67) 4-Bromophenyl-phenylether	10.627	248	36347	5.312	ng	# 1
77) Benzidine	12.921	184	30826	3.061	ng	# 93

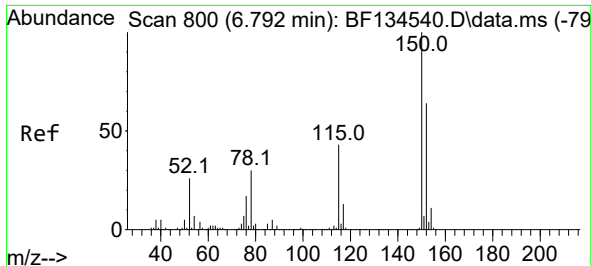
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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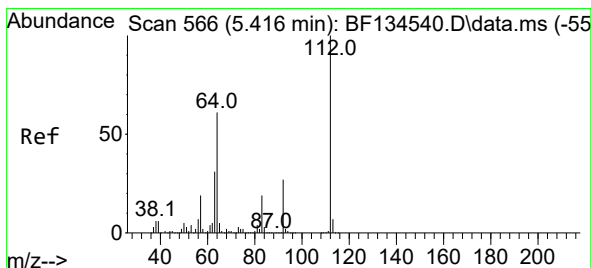
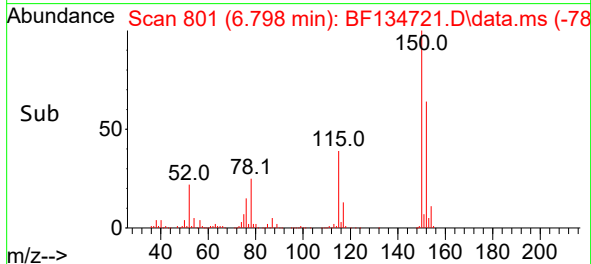
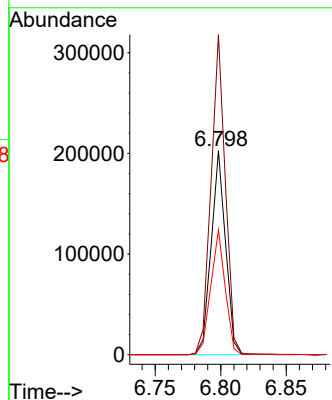
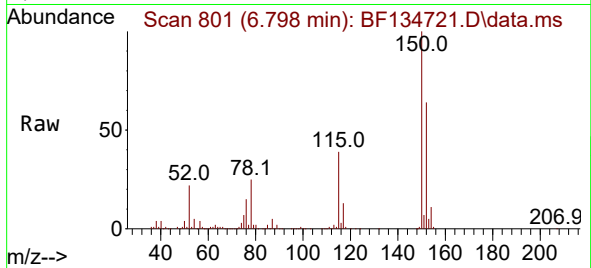




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134721.D
 Acq: 11 Aug 2023 08:39

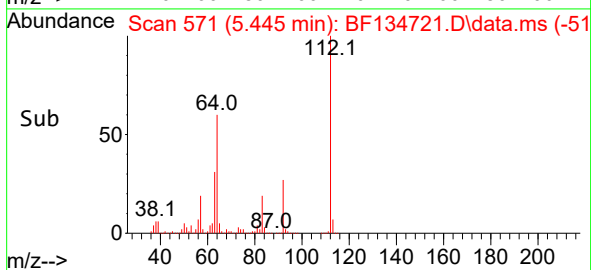
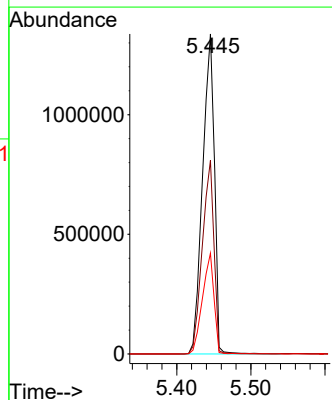
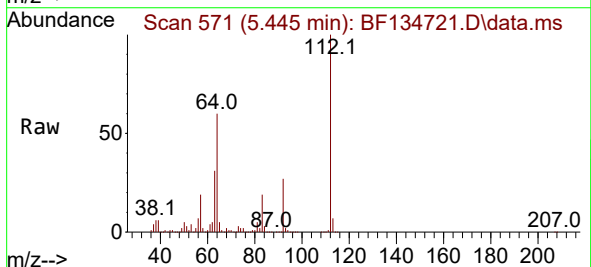
Instrument :
 BNA_F
 ClientSampleId :
 PB154756BL

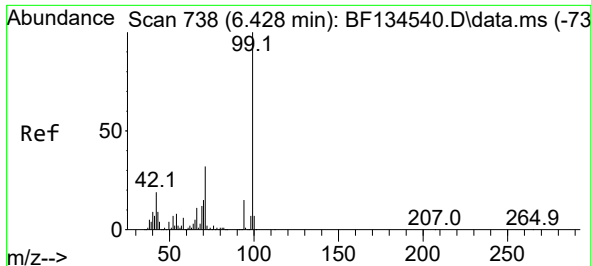
Tgt Ion:152 Resp: 155708
 Ion Ratio Lower Upper
 152 100
 150 156.9 128.3 192.5
 115 61.3 52.4 78.6



#5
 2-Fluorophenol
 Concen: 144.898 ng
 RT: 5.445 min Scan# 571
 Delta R.T. 0.018 min
 Lab File: BF134721.D
 Acq: 11 Aug 2023 08:39

Tgt Ion:112 Resp: 1484227
 Ion Ratio Lower Upper
 112 100
 64 60.5 44.9 67.3
 63 31.5 25.4 38.0

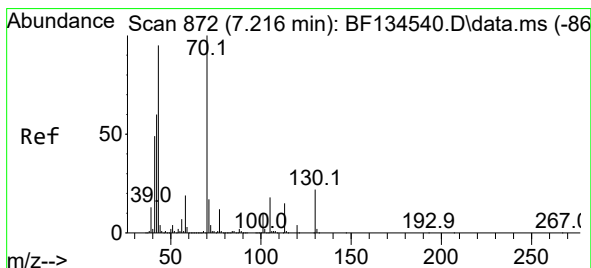
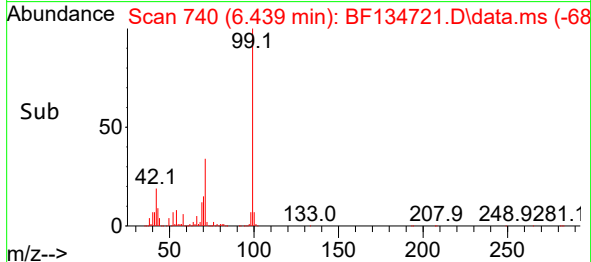
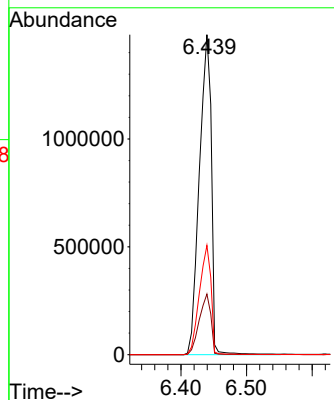
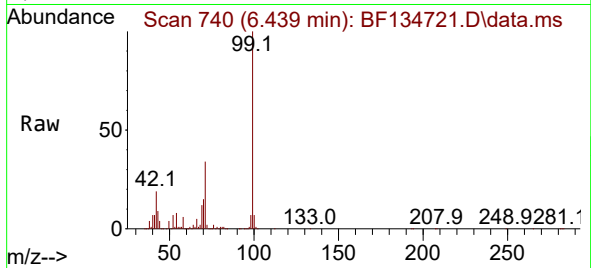




#7
Phenol-d6
Concen: 144.189 ng
RT: 6.439 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134721.D
Acq: 11 Aug 2023 08:39

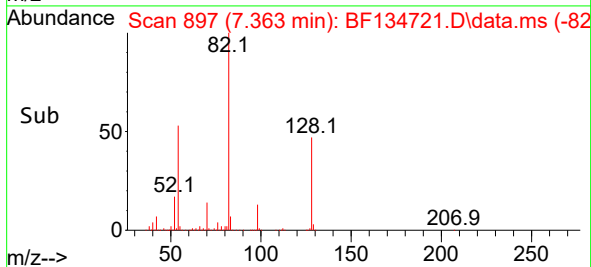
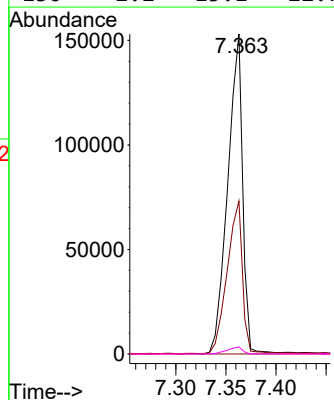
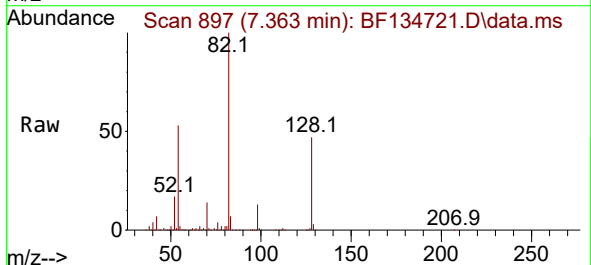
Instrument :
BNA_F
ClientSampleId :
PB154756BL

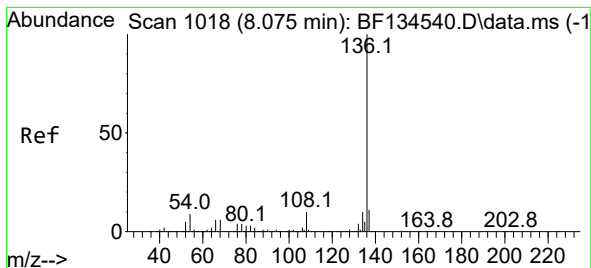
Tgt Ion: 99 Resp: 1888018
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 34.2 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 20.176 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134721.D
Acq: 11 Aug 2023 08:39

Tgt Ion: 70 Resp: 158175
Ion Ratio Lower Upper
70 100
42 47.8 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#

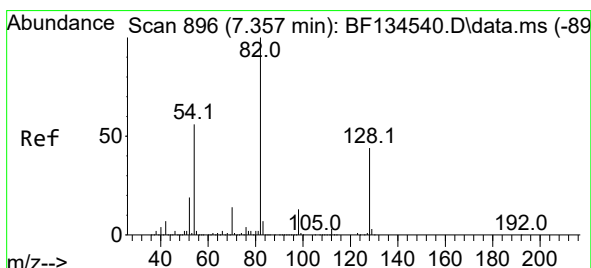
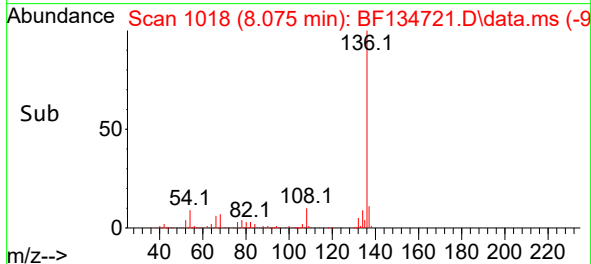
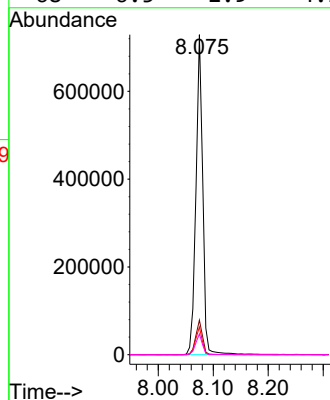
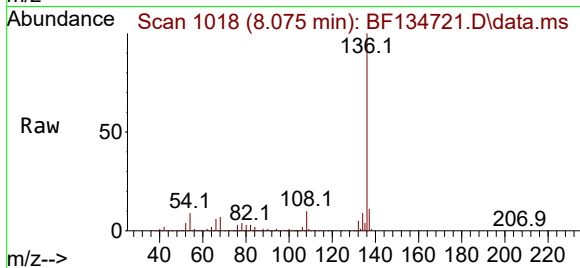




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134721.D
Acq: 11 Aug 2023 08:39

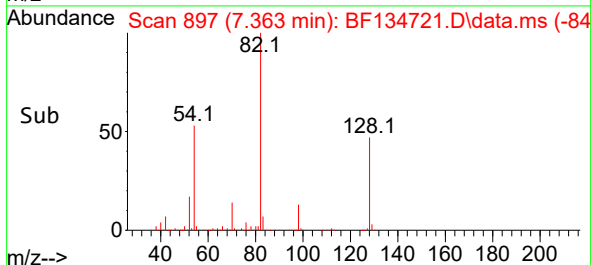
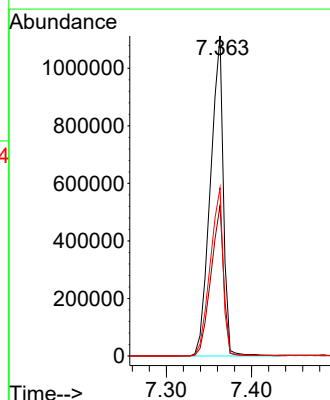
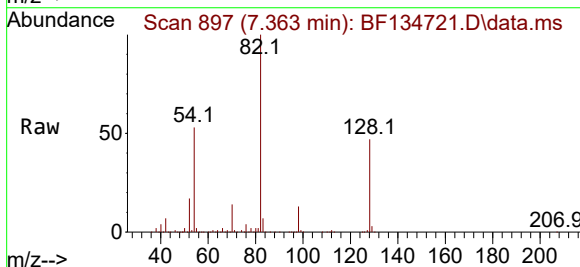
Instrument :
BNA_F
ClientSampleId :
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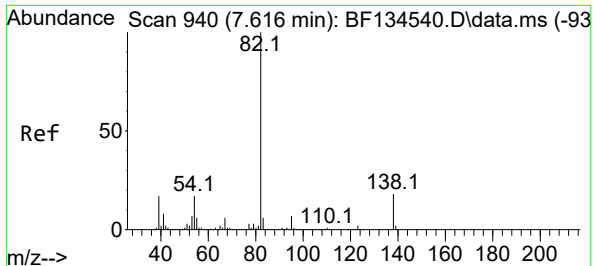
Tgt Ion:136 Resp: 623438
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.7 5.2 7.8#
68 6.5 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 117.942 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF134721.D
Acq: 11 Aug 2023 08:39

Tgt Ion: 82 Resp: 1176605
Ion Ratio Lower Upper
82 100
128 47.0 34.3 51.5
54 52.5 43.8 65.6

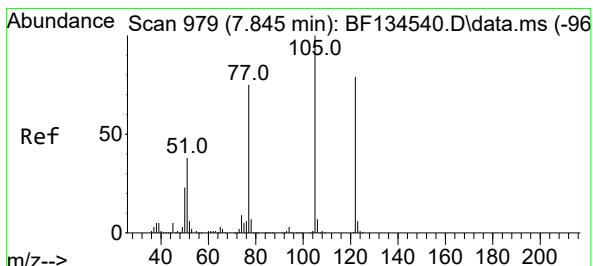
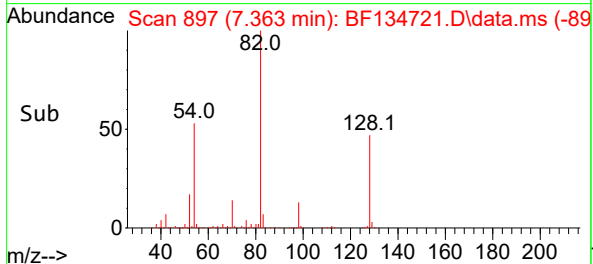
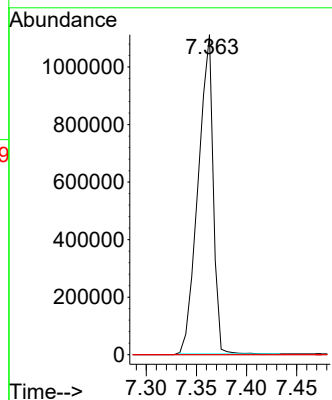
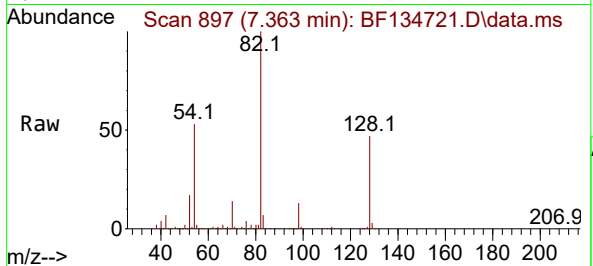




#25
Isophorone
Concen: 53.236 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF134721.D
Acq: 11 Aug 2023 08:39

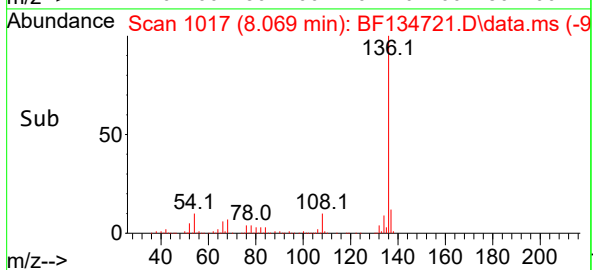
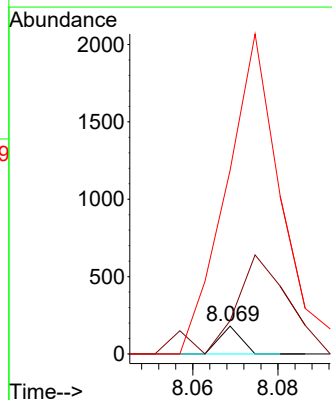
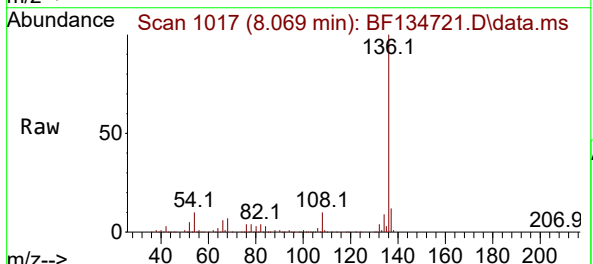
Instrument :
BNA_F
ClientSampleId :
PB154756BL

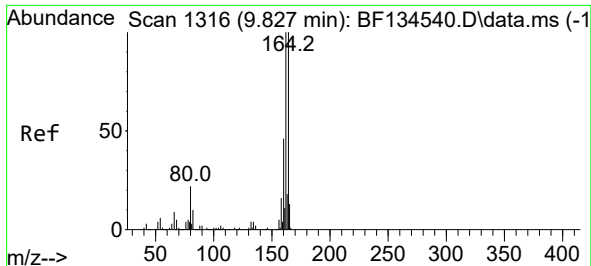
Tgt Ion: 82 Resp: 1158373
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.876 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.206 min
Lab File: BF134721.D
Acq: 11 Aug 2023 08:39

Tgt Ion:122 Resp: 64
Ion Ratio Lower Upper
122 100
105 119.4 87.5 127.5
77 660.0 71.4 111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134721.D

Acq: 11 Aug 2023 08:39

Instrument :

BNA_F

ClientSampleId :

PB154756BL

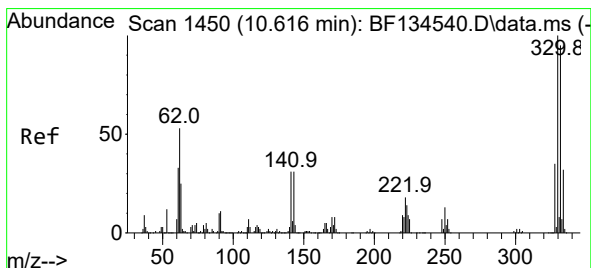
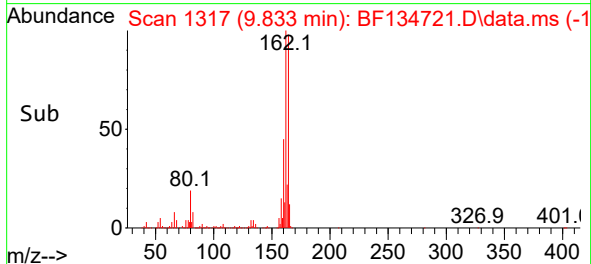
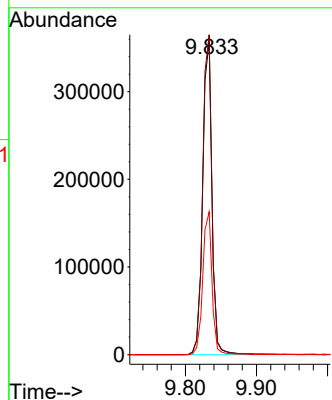
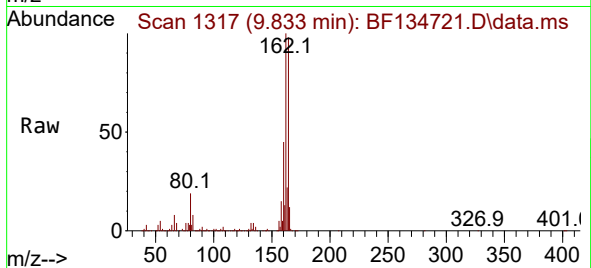
Tgt Ion:164 Resp: 325423

Ion Ratio Lower Upper

164 100

162 102.1 82.6 123.8

160 45.6 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 177.484 ng

RT: 10.627 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF134721.D

Acq: 11 Aug 2023 08:39

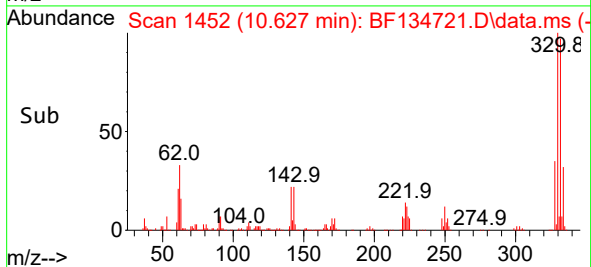
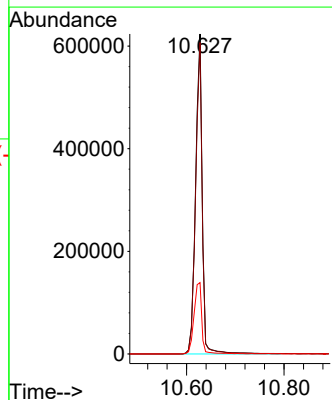
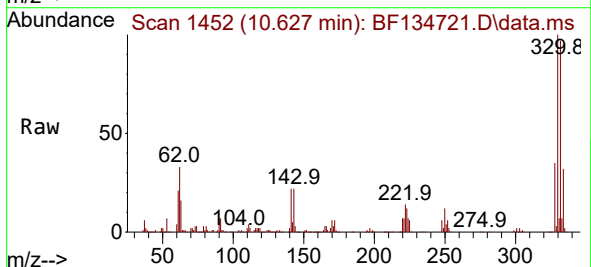
Tgt Ion:330 Resp: 588780

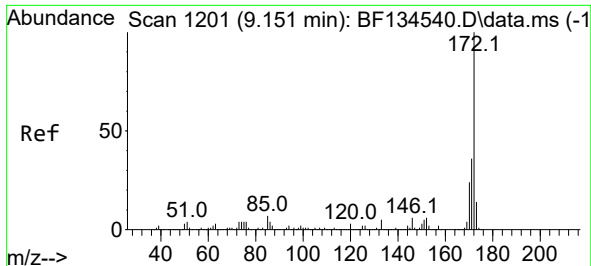
Ion Ratio Lower Upper

330 100

332 96.8 78.8 118.2

141 26.2 25.4 38.2

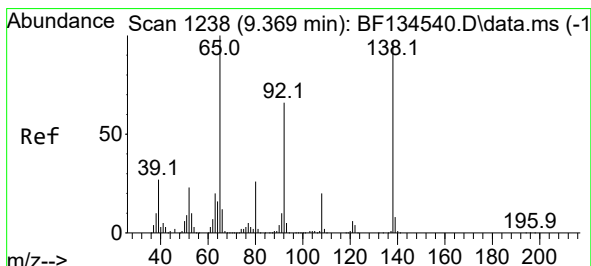
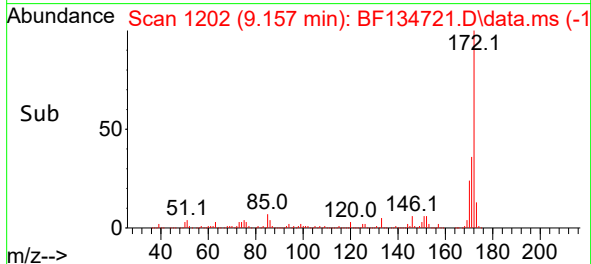
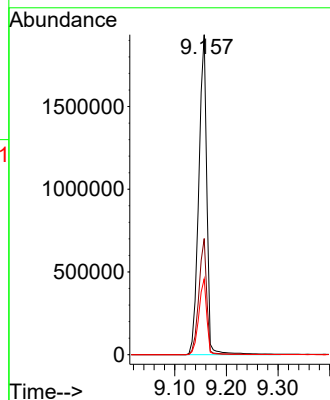
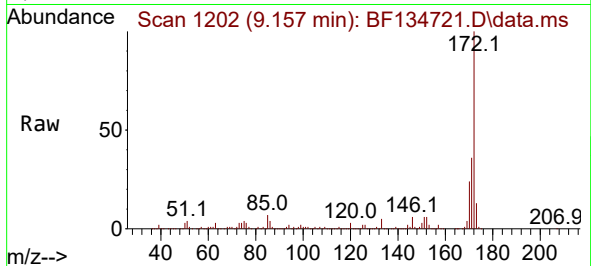




#45
2-Fluorobiphenyl
Concen: 107.183 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134721.D
Acq: 11 Aug 2023 08:39

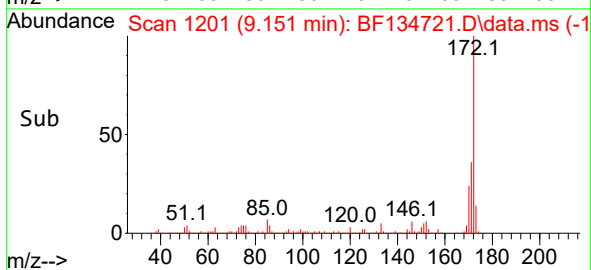
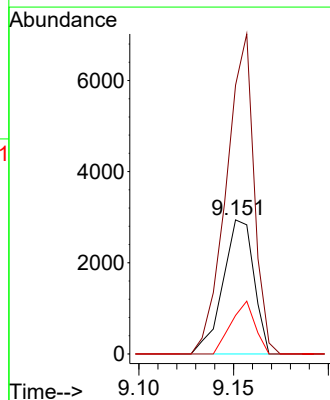
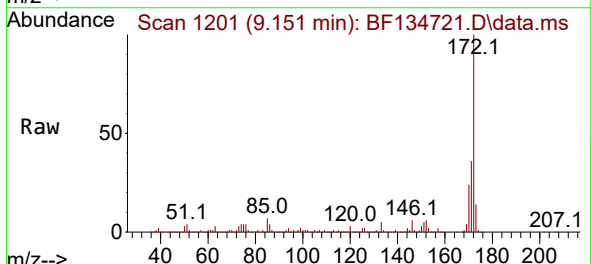
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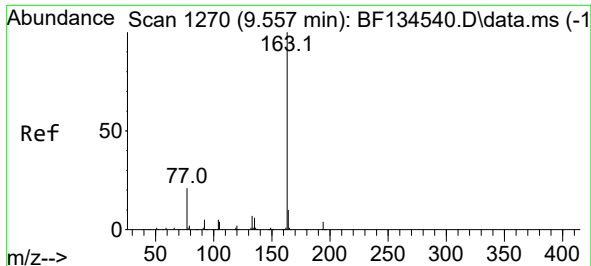
Tgt Ion:172 Resp: 2097796
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.7 18.7 28.1



#48
2-Nitroaniline
Concen: 3.693 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.229 min
Lab File: BF134721.D
Acq: 11 Aug 2023 08:39

Tgt Ion: 65 Resp: 3334
Ion Ratio Lower Upper
65 100
92 200.4 50.7 76.1#
138 28.7 78.2 117.4#

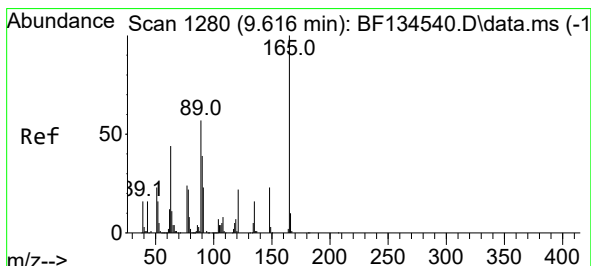
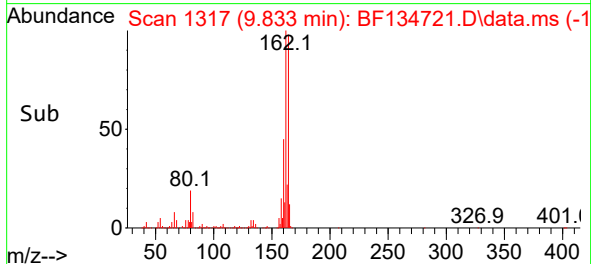
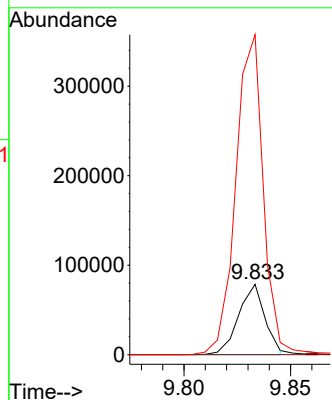
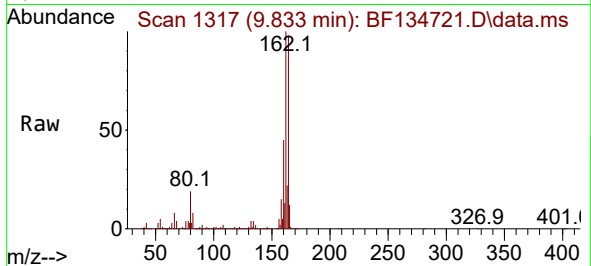




#50
Dimethylphthalate
Concen: 3.059 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF134721.D
Acq: 11 Aug 2023 08:39

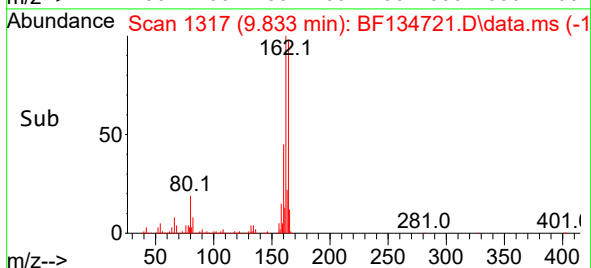
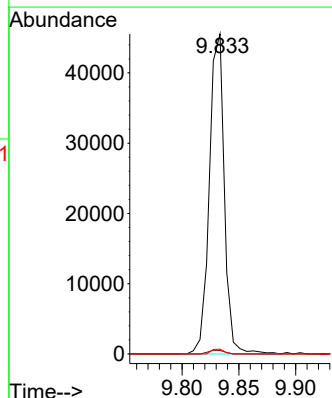
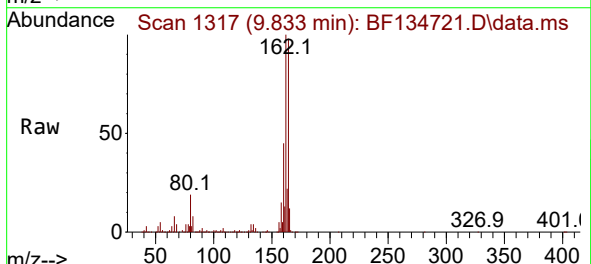
Instrument :
BNA_F
ClientSampleId :
PB154756BL

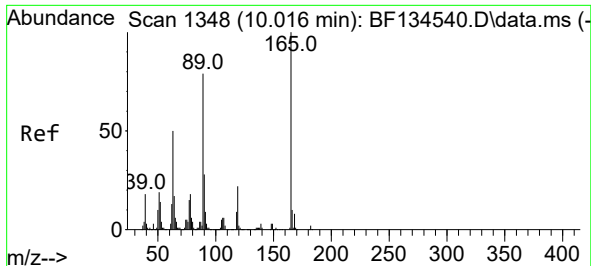
Tgt Ion:163 Resp: 67848
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 454.7 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.196 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134721.D
Acq: 11 Aug 2023 08:39

Tgt Ion:165 Resp: 41706
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 1.5 51.8 77.8#

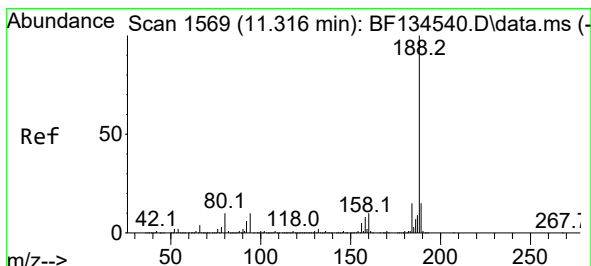
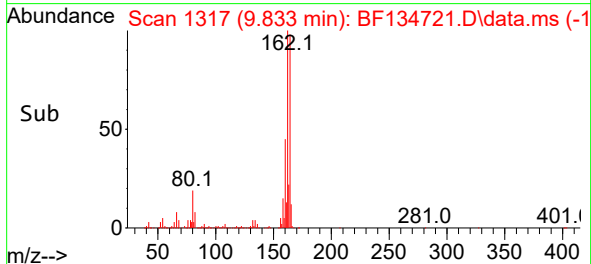
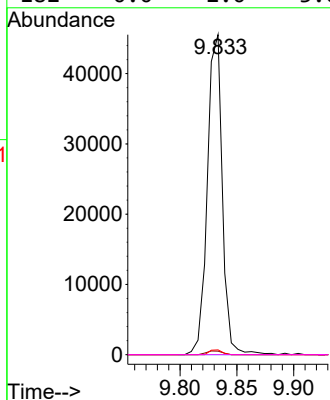
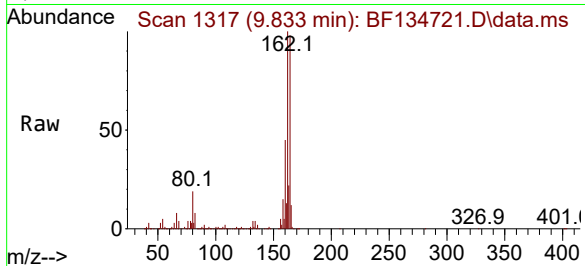




#57
2,4-Dinitrotoluene
Concen: 9.998 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134721.D
Acq: 11 Aug 2023 08:39

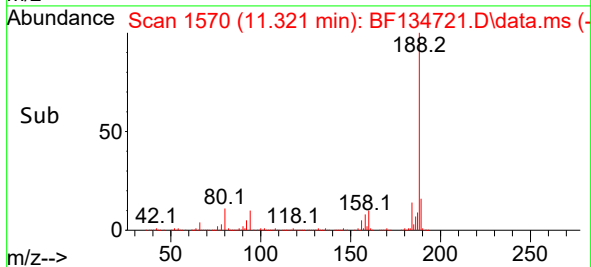
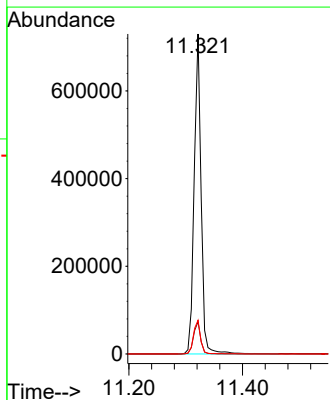
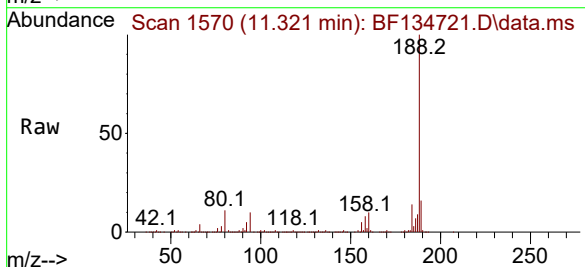
Instrument :
BNA_F
ClientSampleId :
PB154756BL

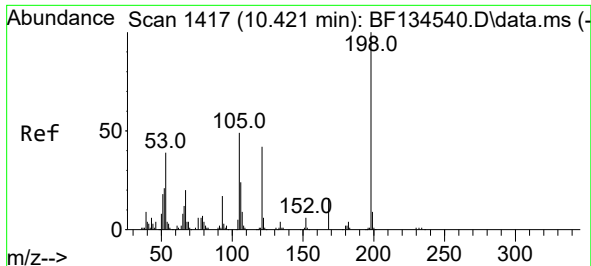
Tgt Ion:165 Resp: 41706
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.5 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BF134721.D
Acq: 11 Aug 2023 08:39

Tgt Ion:188 Resp: 625023
Ion Ratio Lower Upper
188 100
94 10.0 5.1 7.7#
80 10.5 6.6 9.8#

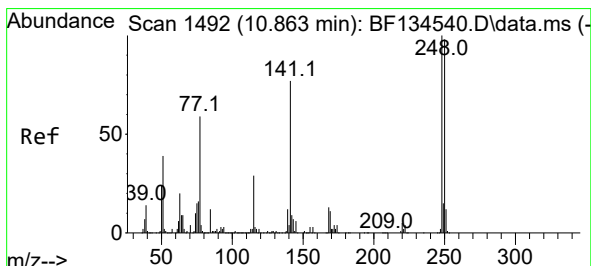
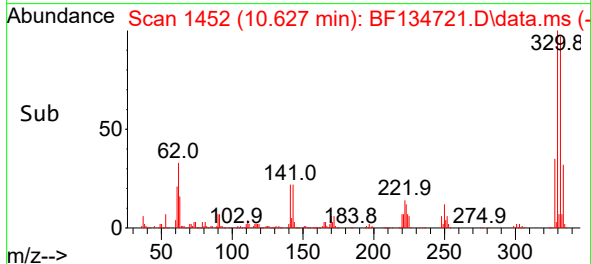
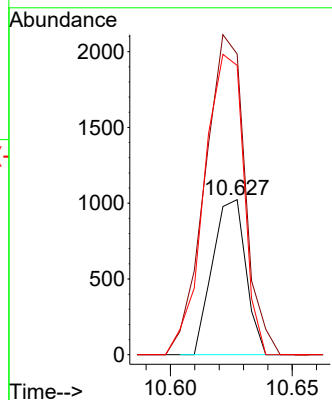
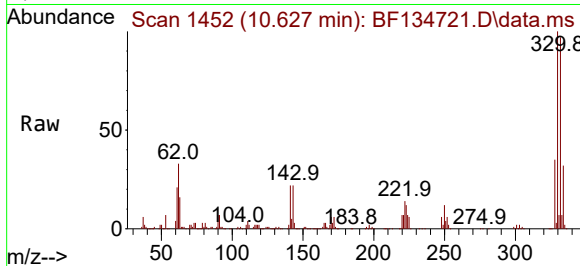




#65
4,6-Dinitro-2-methylphenol
Concen: 9.014 ng
RT: 10.627 min Scan# 1417
Delta R.T. 0.188 min
Lab File: BF134721.D
Acq: 11 Aug 2023 08:39

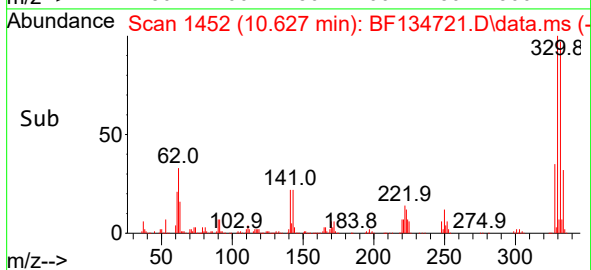
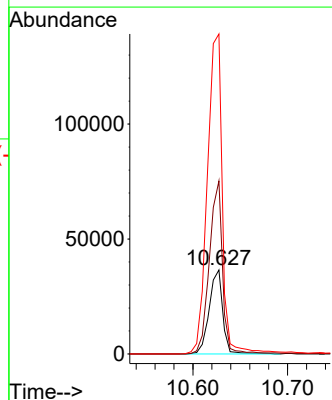
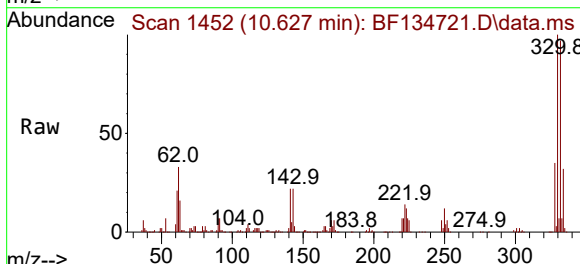
Instrument :
BNA_F
ClientSampleId :
PB154756BL

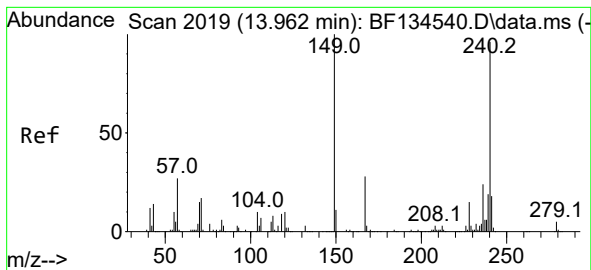
Tgt Ion:198 Resp: 973
Ion Ratio Lower Upper
198 100
51 193.8 38.6 78.6#
105 186.4 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 5.312 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.241 min
Lab File: BF134721.D
Acq: 11 Aug 2023 08:39

Tgt Ion:248 Resp: 36347
Ion Ratio Lower Upper
248 100
250 206.0 79.6 119.4#
141 381.2 59.6 89.4#

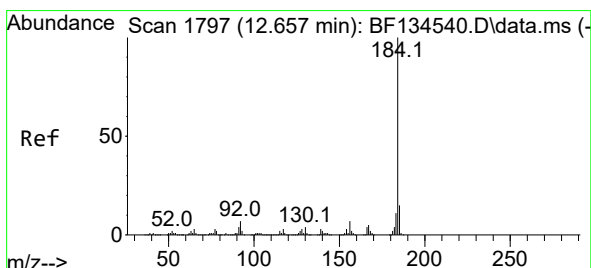
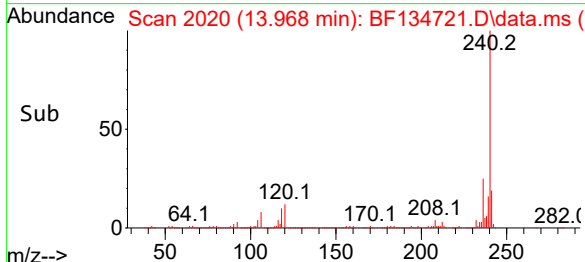
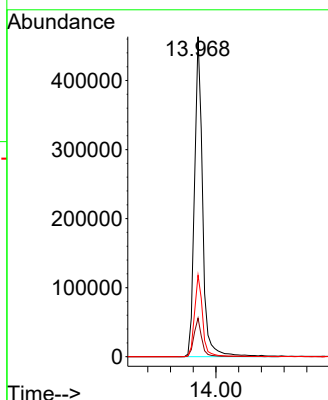
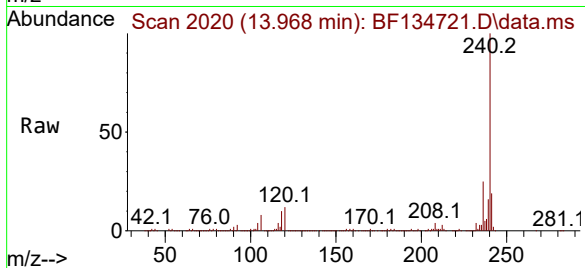




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF134721.D
Acq: 11 Aug 2023 08:39

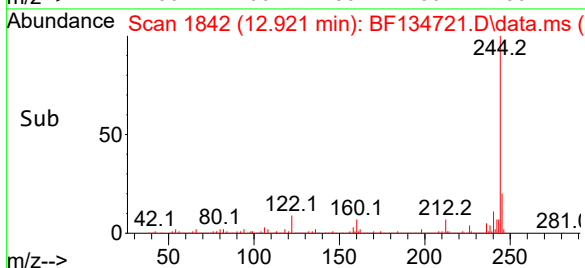
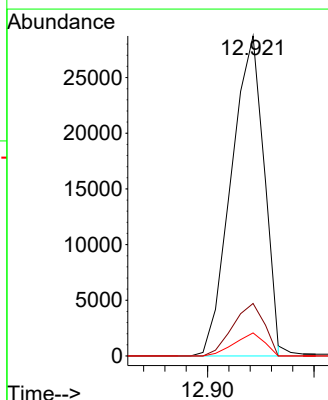
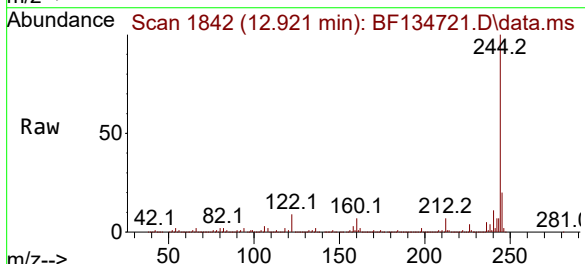
Instrument :
BNA_F
ClientSampleId :
PB154756BL

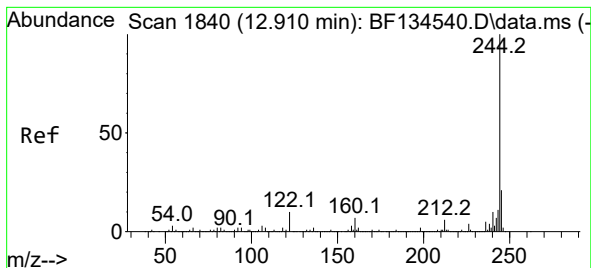
Tgt Ion:240 Resp: 463980
Ion Ratio Lower Upper
240 100
120 12.0 6.6 10.0#
236 25.5 20.2 30.2



#77
Benzidine
Concen: 3.061 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.259 min
Lab File: BF134721.D
Acq: 11 Aug 2023 08:39

Tgt Ion:184 Resp: 30826
Ion Ratio Lower Upper
184 100
185 16.4 11.2 16.8
183 7.2 8.6 13.0#





#79

Terphenyl-d14

Concen: 99.638 ng

RT: 12.921 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF134721.D

Acq: 11 Aug 2023 08:39

Instrument :

BNA_F

ClientSampleId :

PB154756BL

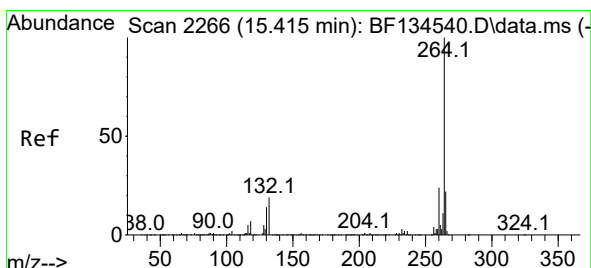
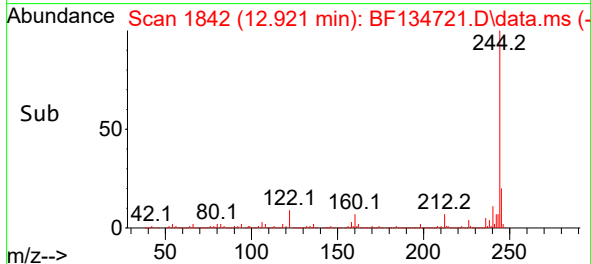
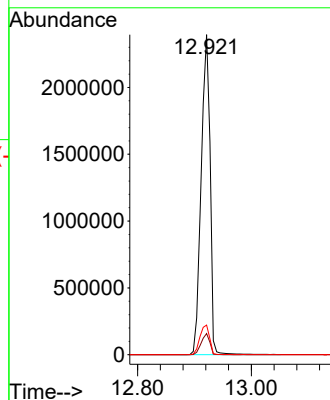
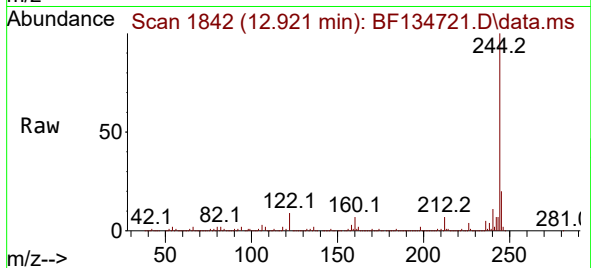
Tgt Ion:244 Resp: 2622432

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 9.2 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.000 min

Lab File: BF134721.D

Acq: 11 Aug 2023 08:39

Tgt Ion:264 Resp: 386016

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 22.4 15.8 23.8

