

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134569.D
 Acq On : 02 Aug 2023 09:14
 Operator : CG\JU
 Sample : PB154346BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154346BL

Quant Time: Aug 02 12:04:46 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)

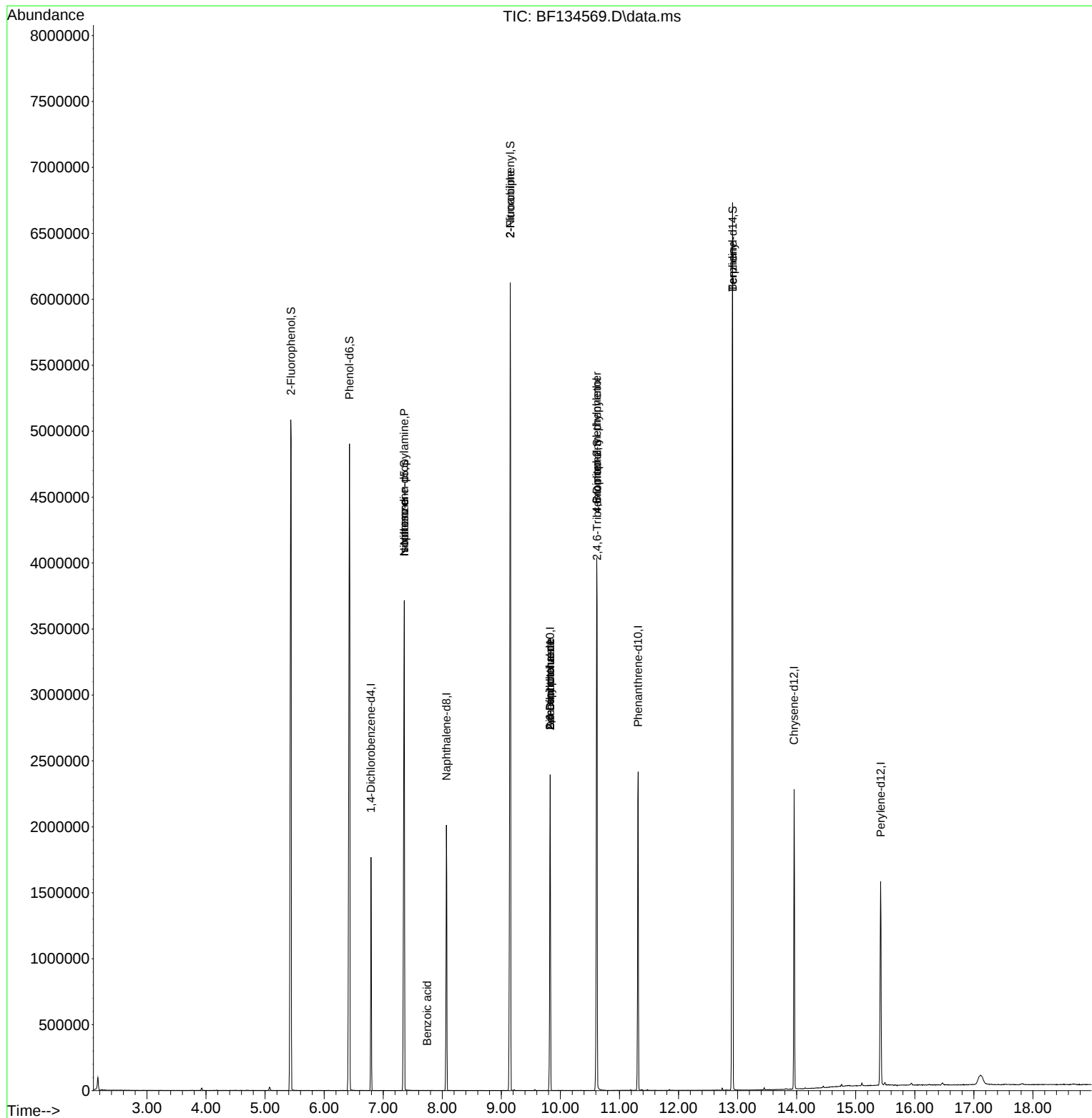
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	234698	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	938645	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	474781	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	898115	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	724258	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	715428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1750621	113.385	ng	0.02
7) Phenol-d6	6.428	99	2237196	113.353	ng	0.00
23) Nitrobenzene-d5	7.357	82	1373524	91.446	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	635692	131.343	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2339597	81.933	ng	0.00
79) Terphenyl-d14	12.916	244	2803316	68.234	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.428	77	3464	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	188131	15.921	ng	# 73
25) Isophorone	7.357	82	1373309	41.920	ng	# 65
32) Benzoic acid	7.745	122	83	7.874	ng	86
48) 2-Nitroaniline	9.151	65	4026	3.602	ng	# 1
50) Dimethylphthalate	9.828	163	98812	3.054	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	61947	11.353	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	61947	10.127	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	1204	8.970	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	39425	4.010	ng	# 1
77) Benzidine	12.916	184	33931	2.158	ng	# 96

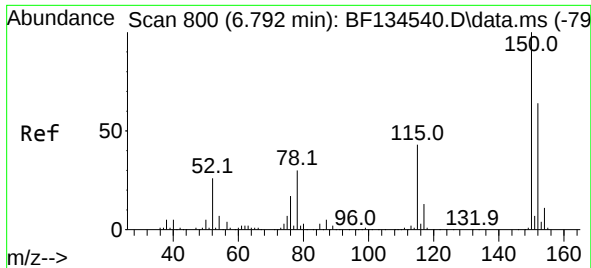
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134569.D
Acq On : 02 Aug 2023 09:14
Operator : CG\JU
Sample : PB154346BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB154346BL

Quant Time: Aug 02 12:04:46 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

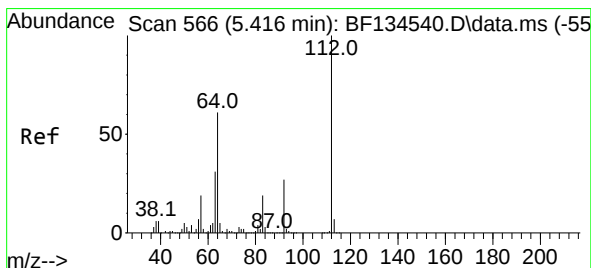
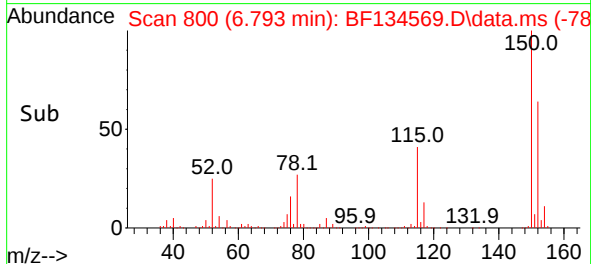
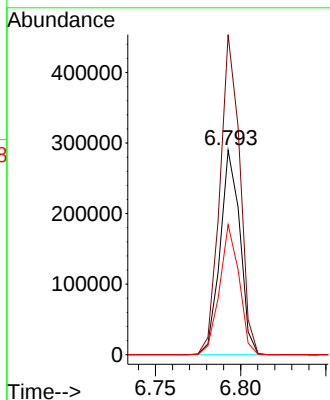
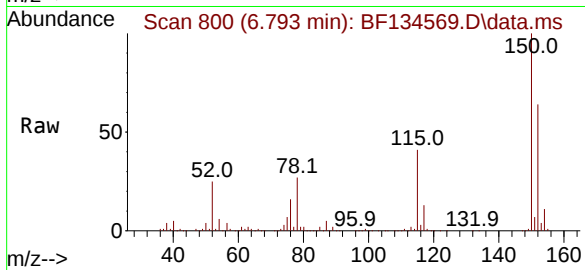




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

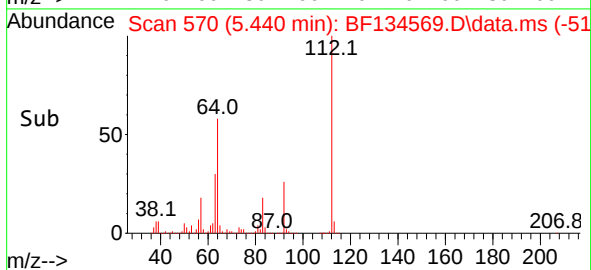
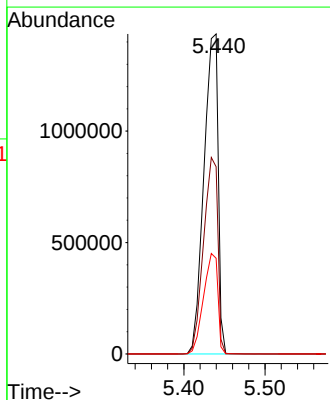
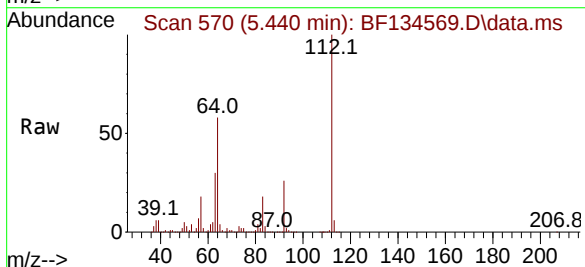
Instrument :
BNA_F
ClientSampleId :
PB154346BL

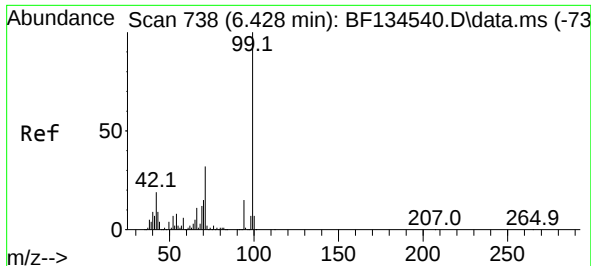
Tgt Ion:152 Resp: 234698
Ion Ratio Lower Upper
152 100
150 156.5 128.3 192.5
115 63.6 52.4 78.6



#5
2-Fluorophenol
Concen: 113.385 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.024 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

Tgt Ion:112 Resp: 1750621
Ion Ratio Lower Upper
112 100
64 58.5 44.9 67.3
63 29.9 25.4 38.0

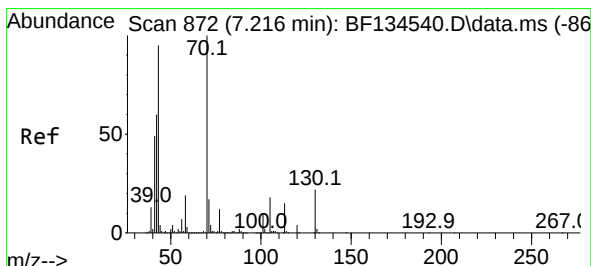
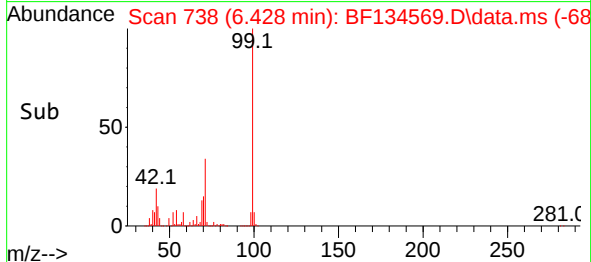
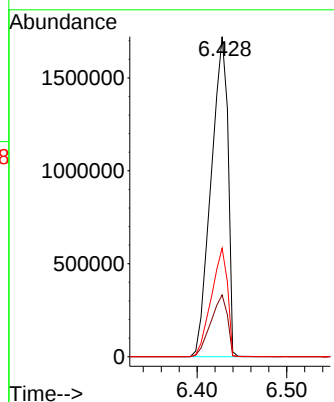
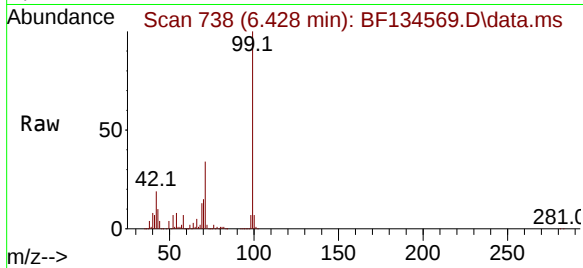




#7
Phenol-d6
Concen: 113.353 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

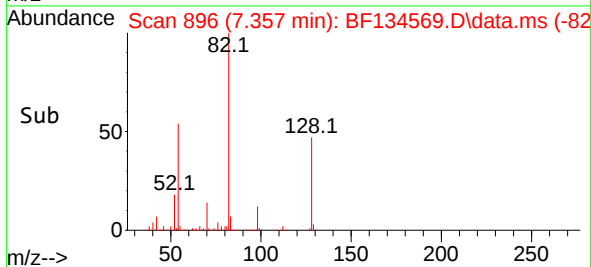
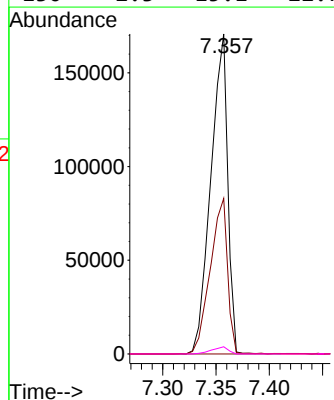
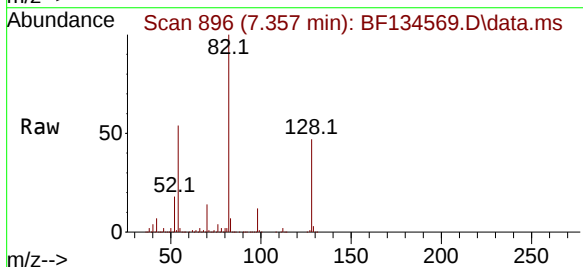
Instrument :
BNA_F
ClientSampleId :
PB154346BL

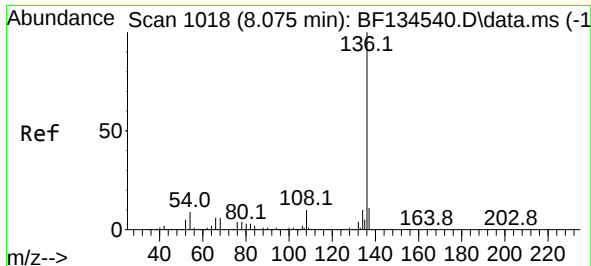
Tgt Ion: 99 Resp: 2237196
Ion Ratio Lower Upper
99 100
42 19.3 18.7 28.1
71 33.9 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 15.921 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

Tgt Ion: 70 Resp: 188131
Ion Ratio Lower Upper
70 100
42 48.6 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: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

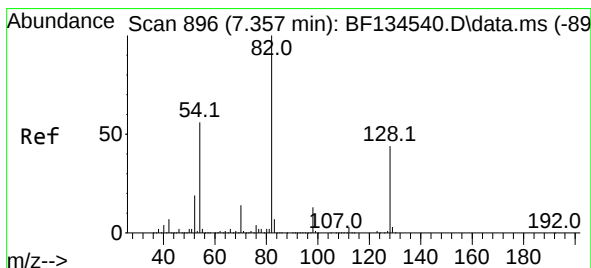
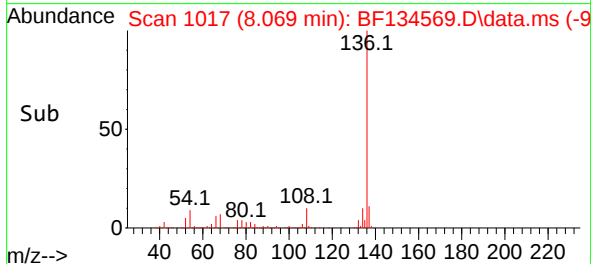
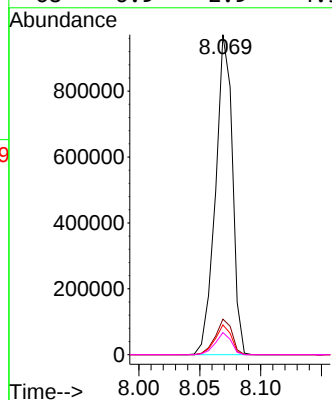
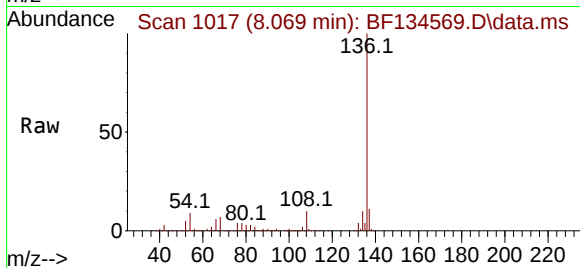
Instrument :

BNA_F

ClientSampleId :

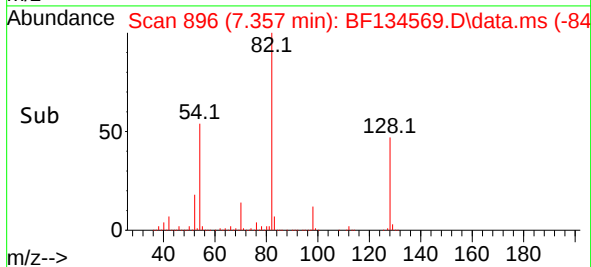
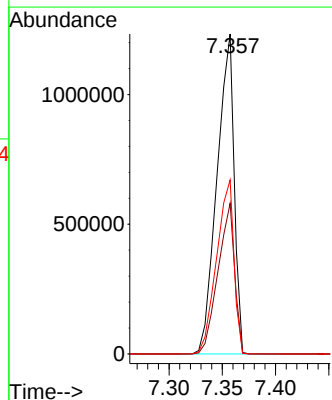
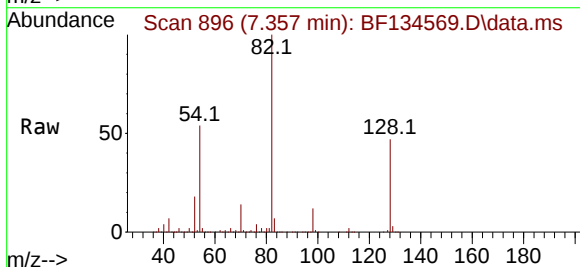
PB154346BL

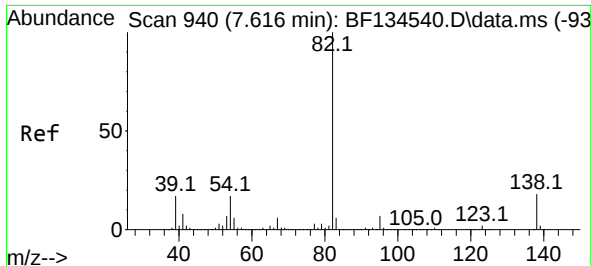
Tgt Ion:136 Resp: 938645
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.3 5.2 7.8#
68 6.9 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 91.446 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

Tgt Ion: 82 Resp: 1373524
Ion Ratio Lower Upper
82 100
128 47.1 34.3 51.5
54 54.4 43.8 65.6

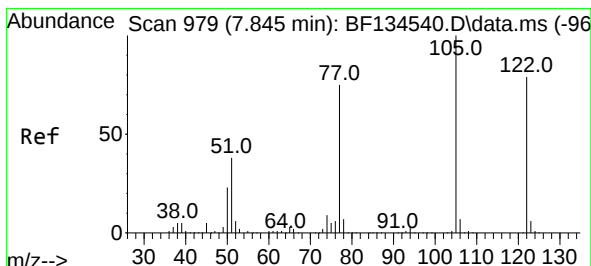
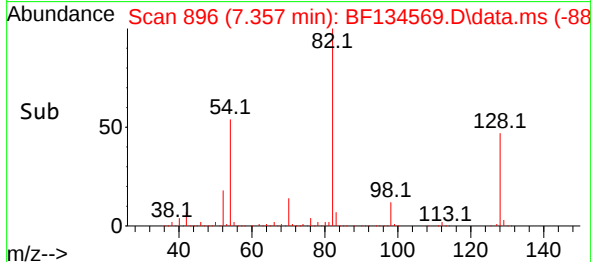
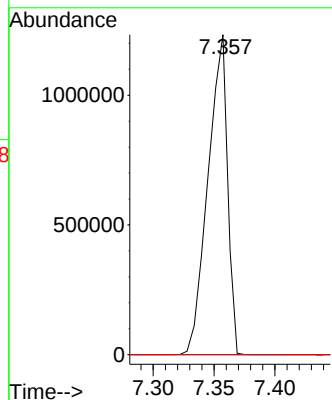
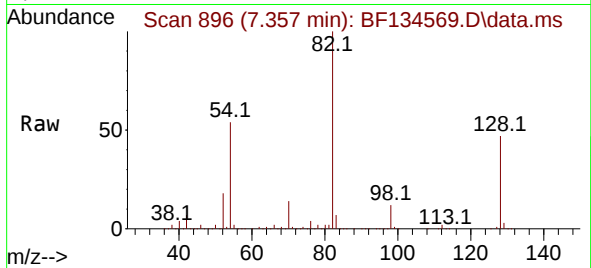




#25
Isophorone
Concen: 41.920 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

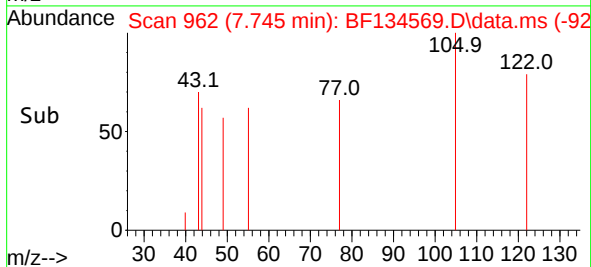
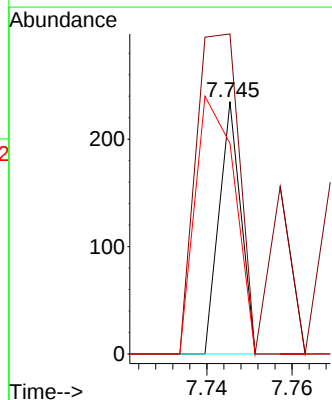
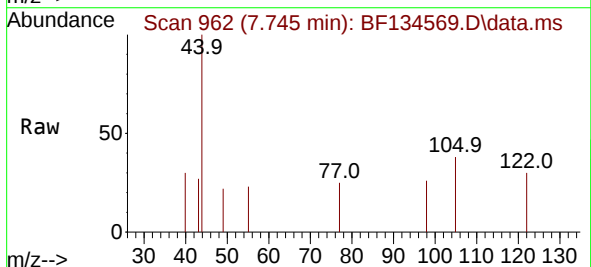
Instrument :
BNA_F
ClientSampleId :
PB154346BL

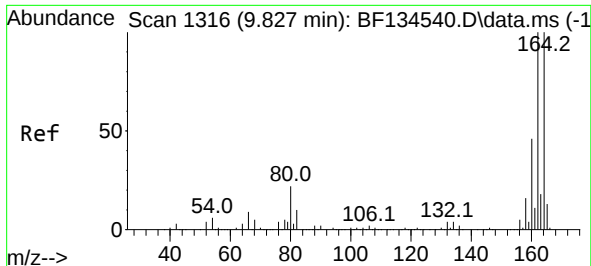
Tgt Ion: 82 Resp: 1373309
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.874 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.100 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

Tgt Ion: 122 Resp: 83
Ion Ratio Lower Upper
122 100
105 126.8 87.5 127.5
77 83.4 71.4 111.4

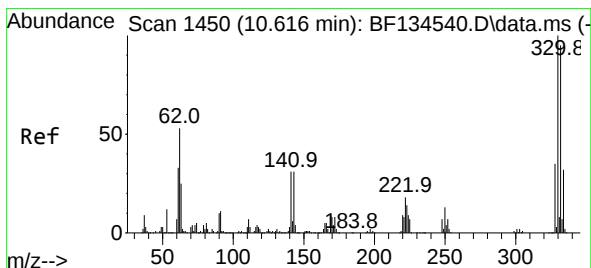
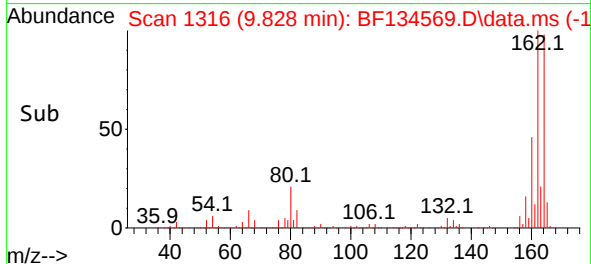
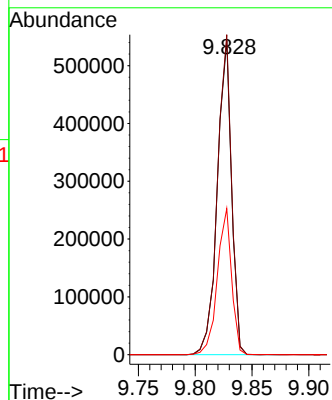
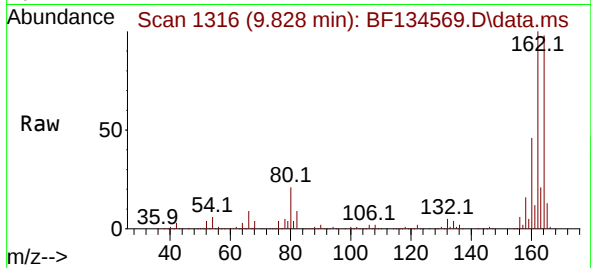




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

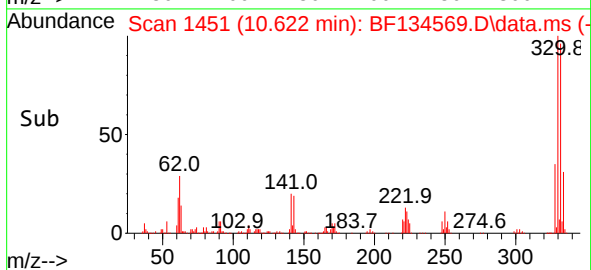
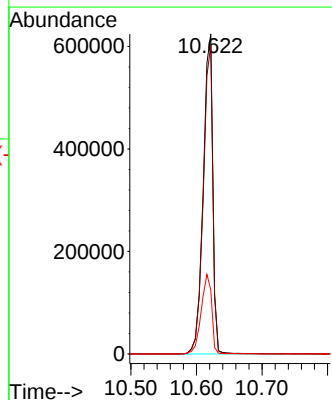
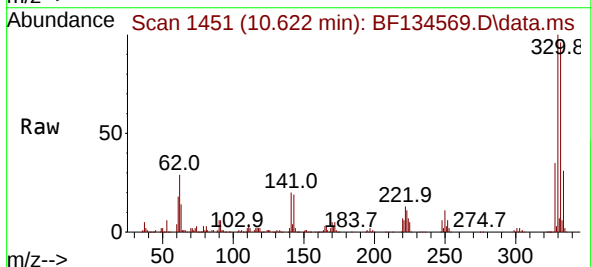
Instrument :
BNA_F
ClientSampleId :
PB154346BL

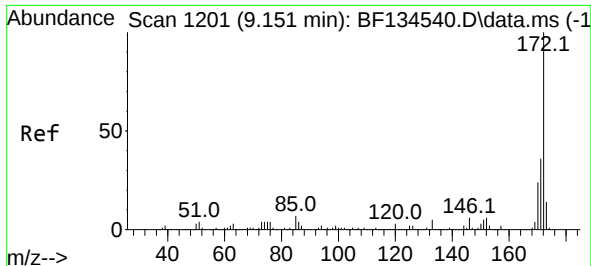
Tgt Ion:164 Resp: 474781
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 46.5 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 131.343 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

Tgt Ion:330 Resp: 635692
Ion Ratio Lower Upper
330 100
332 96.0 78.8 118.2
141 27.2 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 81.933 ng

RT: 9.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134569.D

Acq: 02 Aug 2023 09:14

Instrument :

BNA_F

ClientSampleId :

PB154346BL

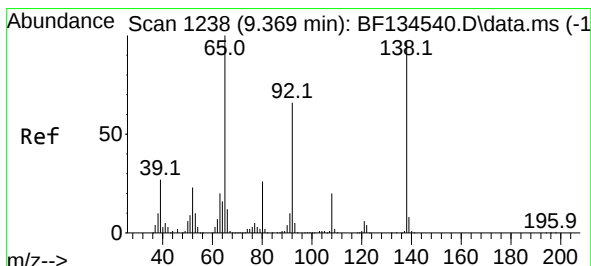
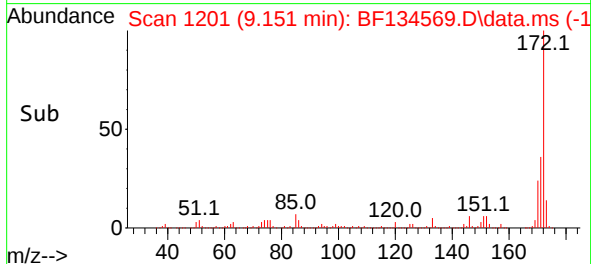
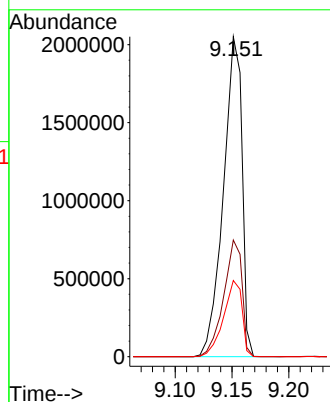
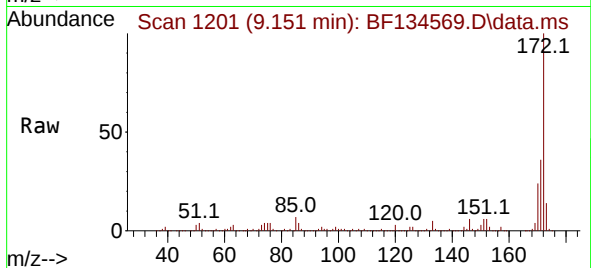
Tgt Ion:172 Resp: 2339597

Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 23.8 18.7 28.1



#48

2-Nitroaniline

Concen: 3.602 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.218 min

Lab File: BF134569.D

Acq: 02 Aug 2023 09:14

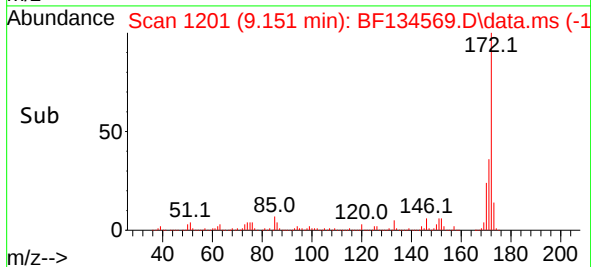
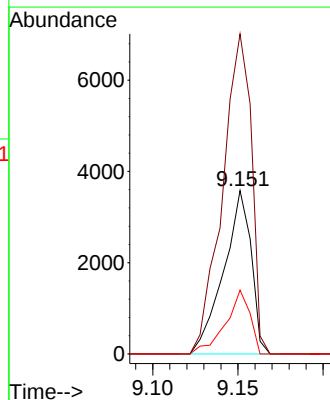
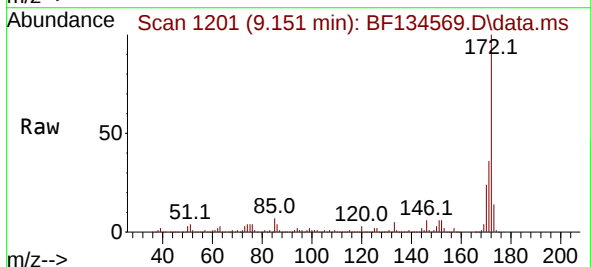
Tgt Ion: 65 Resp: 4026

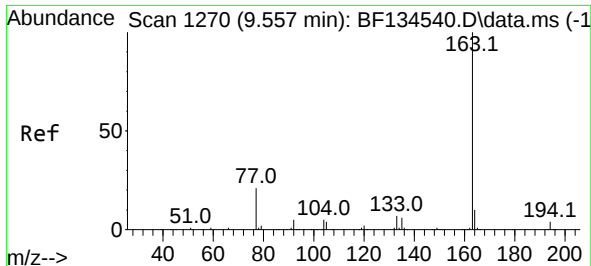
Ion Ratio Lower Upper

65 100

92 195.8 50.7 76.1#

138 39.0 78.2 117.4#

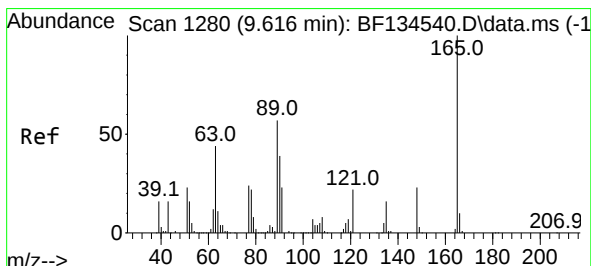
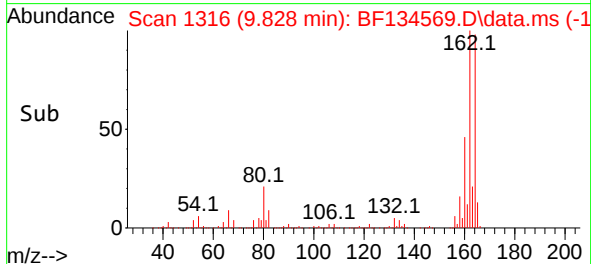
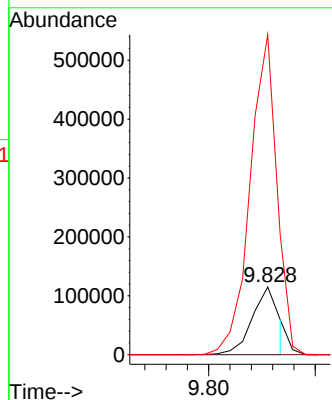
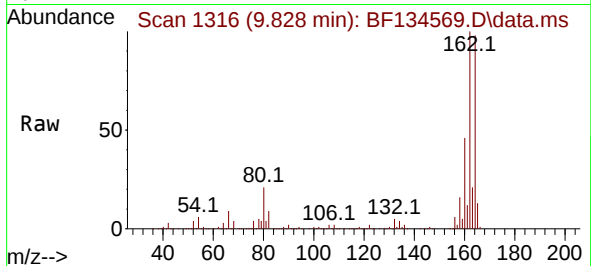




#50
Dimethylphthalate
Concen: 3.054 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.271 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

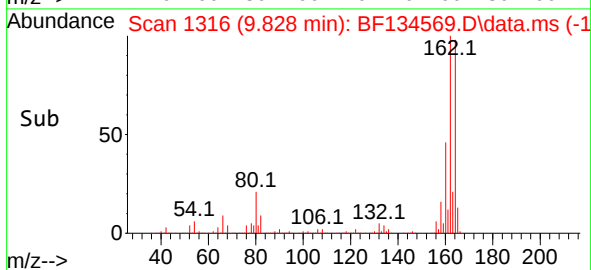
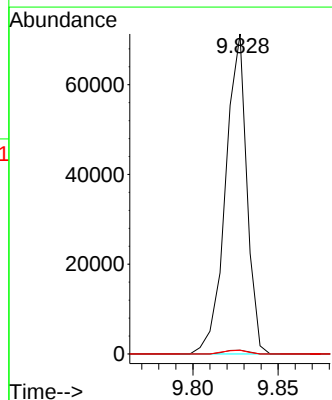
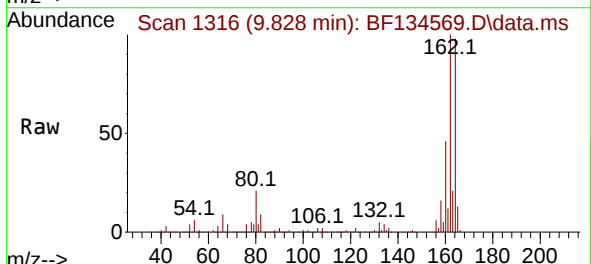
Instrument :
BNA_F
ClientSampleId :
PB154346BL

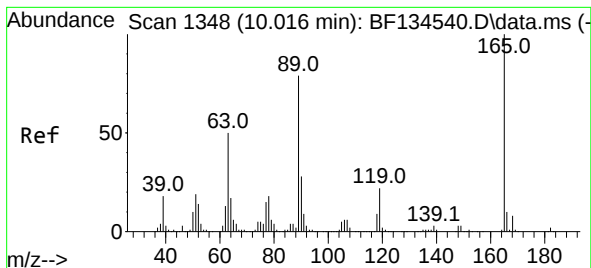
Tgt Ion:163 Resp: 98812
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 473.1 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.353 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

Tgt Ion:165 Resp: 61947
Ion Ratio Lower Upper
165 100
63 1.2 57.8 86.6#
89 1.2 51.8 77.8#

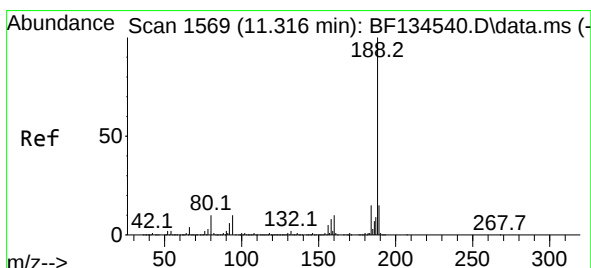
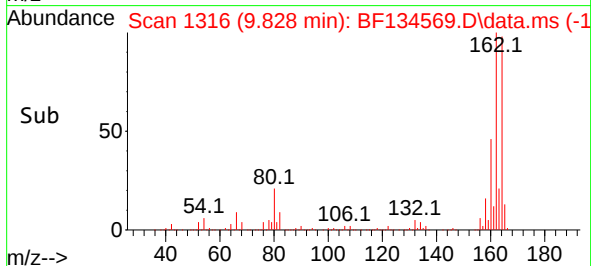
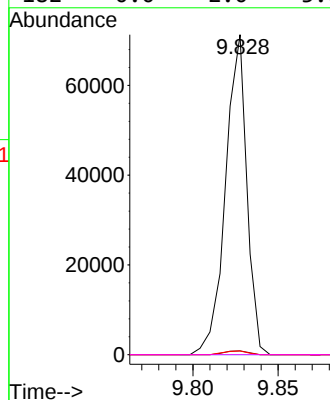
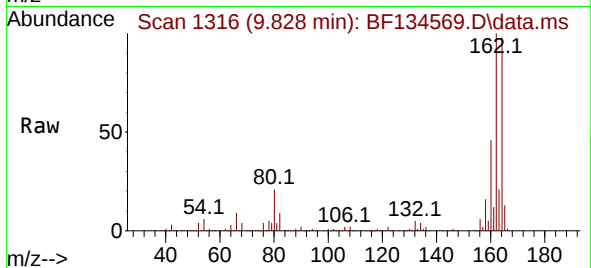




#57
2,4-Dinitrotoluene
Concen: 10.127 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

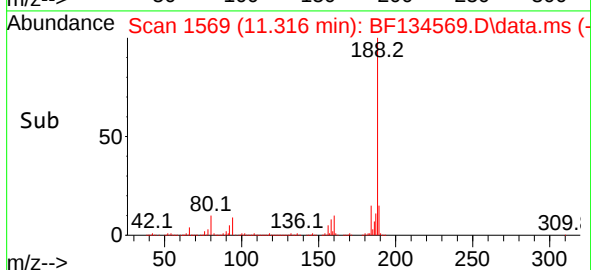
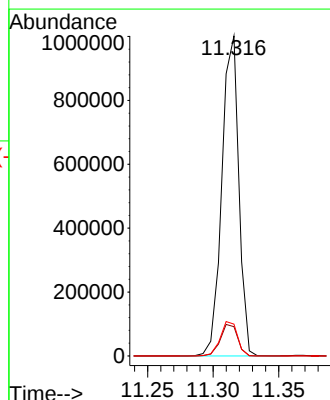
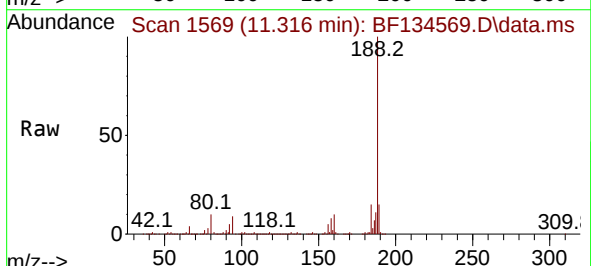
Instrument :
BNA_F
ClientSampleId :
PB154346BL

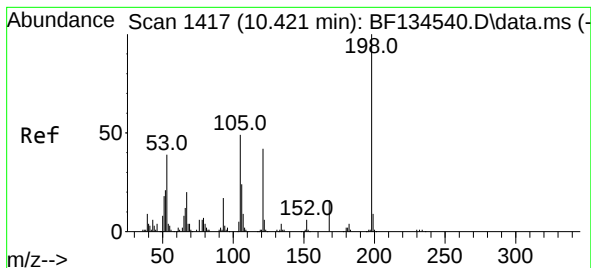
Tgt Ion:165 Resp: 61947
Ion Ratio Lower Upper
165 100
63 1.2 48.9 73.3#
89 1.2 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

Tgt Ion:188 Resp: 898115
Ion Ratio Lower Upper
188 100
94 9.2 5.1 7.7#
80 9.9 6.6 9.8#

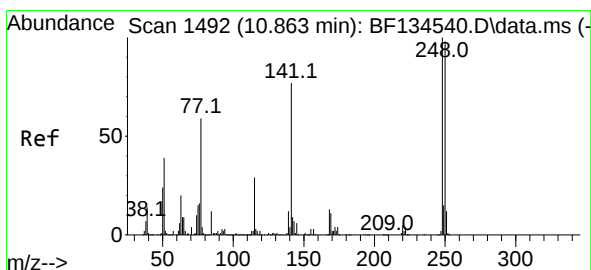
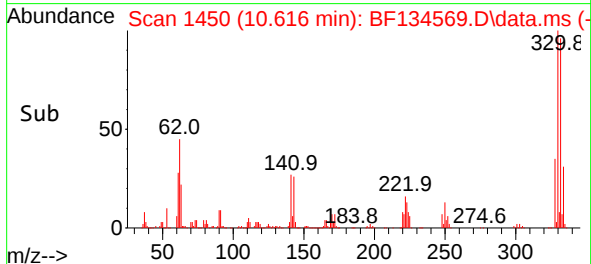
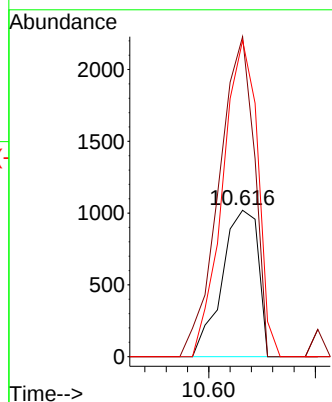
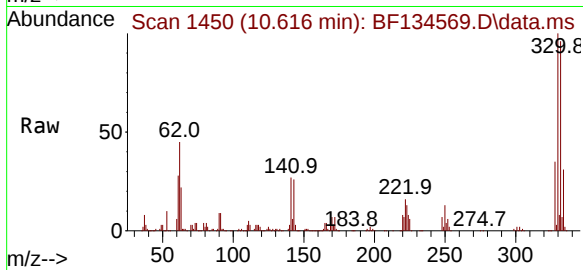




#65
4,6-Dinitro-2-methylphenol
Concen: 8.970 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.195 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

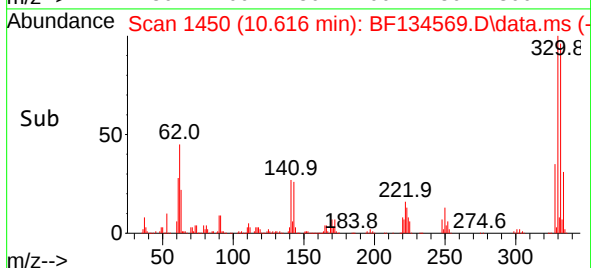
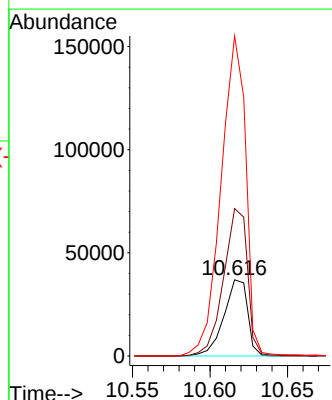
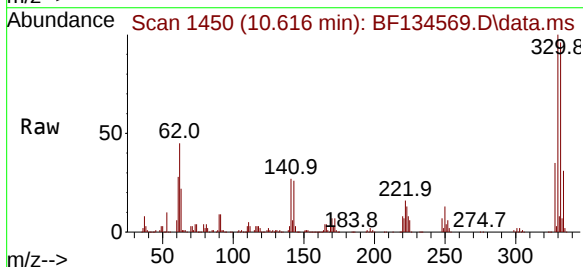
Instrument :
BNA_F
ClientSampleId :
PB154346BL

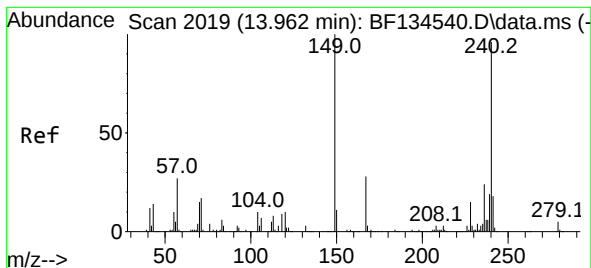
Tgt Ion:198 Resp: 1204
Ion Ratio Lower Upper
198 100
51 218.5 38.6 78.6#
105 216.0 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 4.010 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF134569.D
Acq: 02 Aug 2023 09:14

Tgt Ion:248 Resp: 39425
Ion Ratio Lower Upper
248 100
250 193.3 79.6 119.4#
141 419.6 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF134569.D

Acq: 02 Aug 2023 09:14

Instrument :

BNA_F

ClientSampleId :

PB154346BL

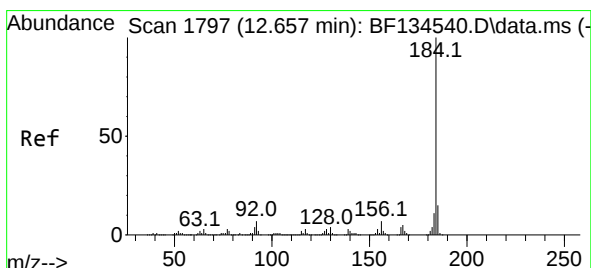
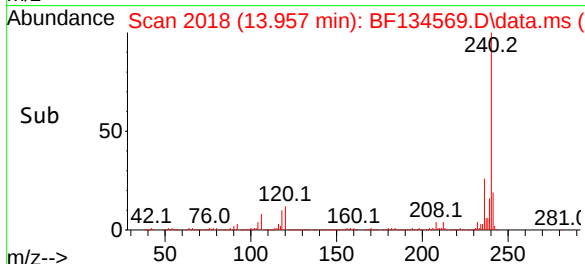
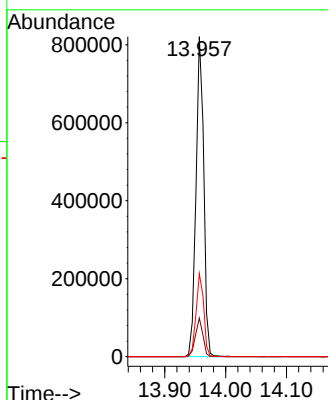
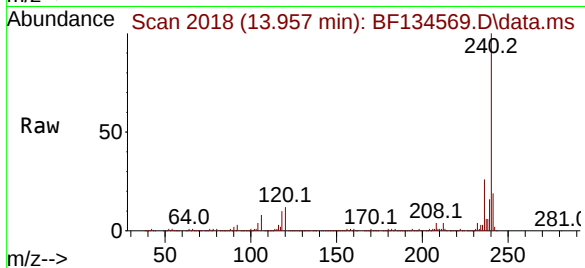
Tgt Ion:240 Resp: 724258

Ion Ratio Lower Upper

240 100

120 12.1 6.6 10.0#

236 26.0 20.2 30.2



#77

Benzidine

Concen: 2.158 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.259 min

Lab File: BF134569.D

Acq: 02 Aug 2023 09:14

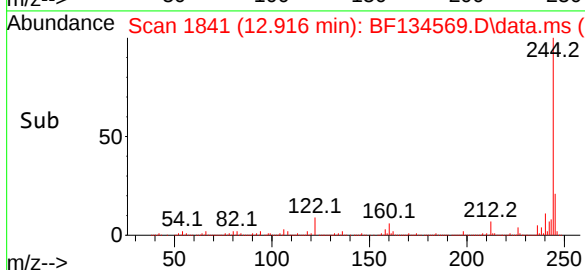
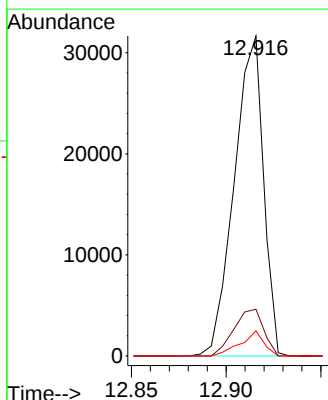
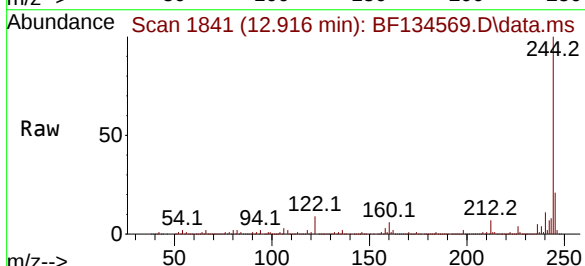
Tgt Ion:184 Resp: 33931

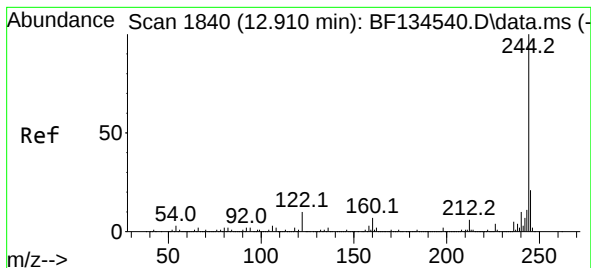
Ion Ratio Lower Upper

184 100

185 14.6 11.2 16.8

183 7.8 8.6 13.0#





#79

Terphenyl-d14

Concen: 68.234 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.006 min

Lab File: BF134569.D

Acq: 02 Aug 2023 09:14

Instrument :

BNA_F

ClientSampleId :

PB154346BL

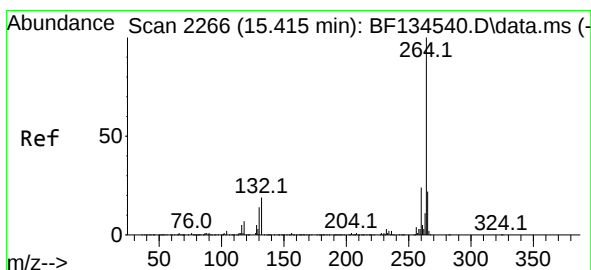
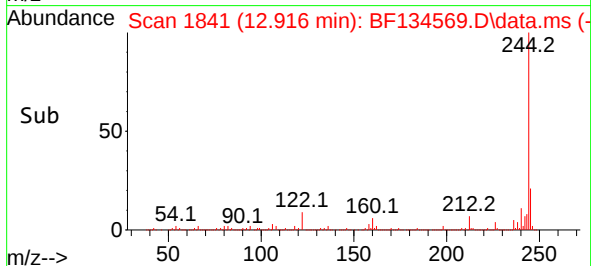
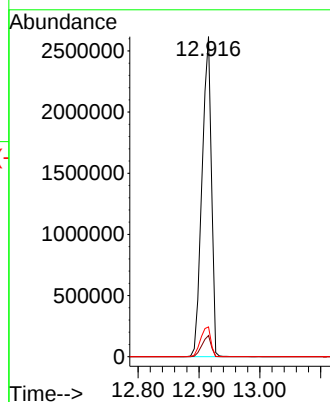
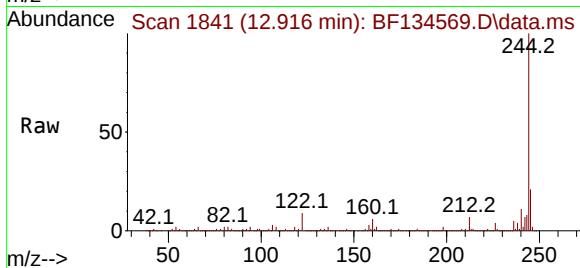
Tgt Ion:244 Resp: 2803316

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 9.3 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.006 min

Lab File: BF134569.D

Acq: 02 Aug 2023 09:14

Tgt Ion:264 Resp: 715428

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.4 15.8 23.8

