

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134596.D
 Acq On : 02 Aug 2023 23:52
 Operator : CG\JU
 Sample : 03834-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P2A

Quant Time: Aug 03 01:52:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

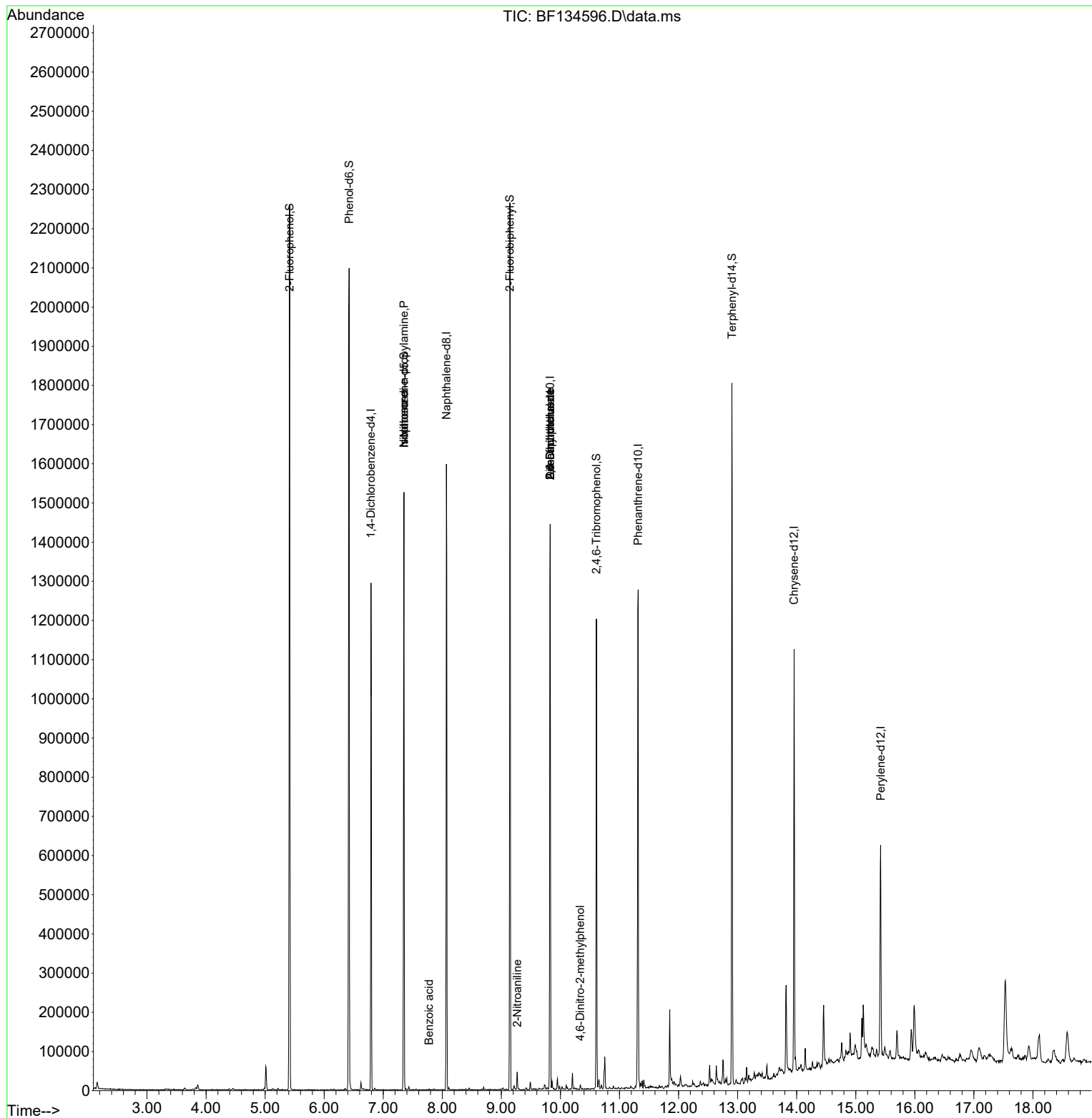
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	172723	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	653580	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	281294	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	452555	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	307512	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	242392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	567129	49.912	ng	0.00
7) Phenol-d6	6.422	99	713356	49.113	ng	0.00
23) Nitrobenzene-d5	7.351	82	399681	38.216	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	123972	43.233	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	651524	38.511	ng	0.00
79) Terphenyl-d14	12.904	244	609829	34.960	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.345	77	638	Below Cal	#	60
19) n-Nitroso-di-n-propyla...	7.351	70	53852	6.192 ng	#	75
25) Isophorone	7.351	82	399672	17.521 ng	#	65
32) Benzoic acid	7.775	122	56	7.874 ng	#	1
48) 2-Nitroaniline	9.269	65	478	3.253 ng	#	8
50) Dimethylphthalate	9.828	163	58435	3.048 ng	#	1
51) 2,6-Dinitrotoluene	9.828	165	37012	11.428 ng	#	17
57) 2,4-Dinitrotoluene	9.828	165	37012	10.188 ng	#	18
65) 4,6-Dinitro-2-methylph...	10.333	198	366	8.863 ng	#	67

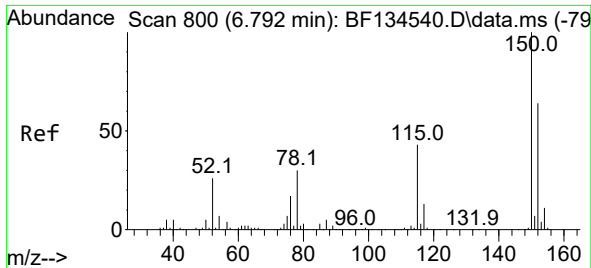
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 02 02:20:34 2023
Response via : Initial Calibration

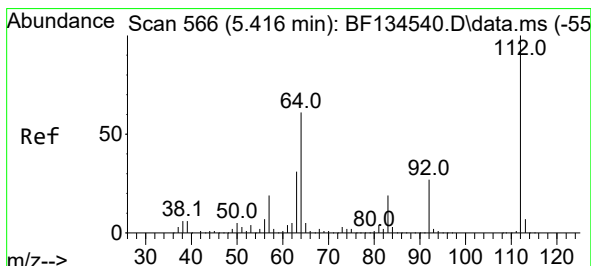
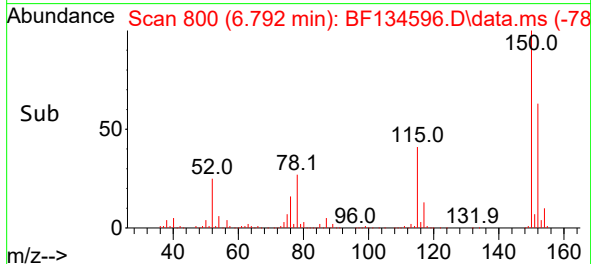
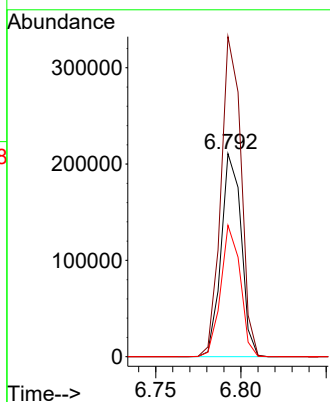
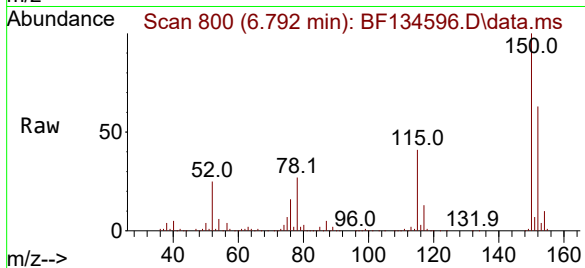




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134596.D
Acq: 02 Aug 2023 23:52

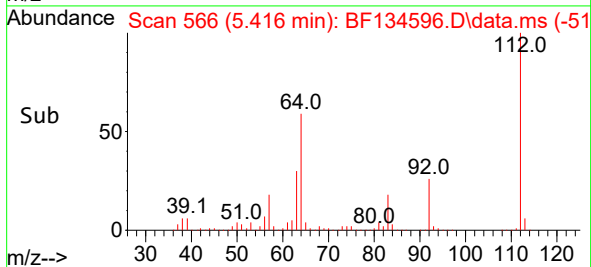
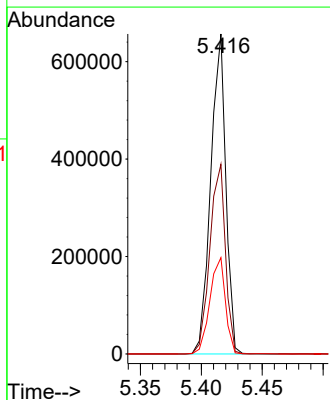
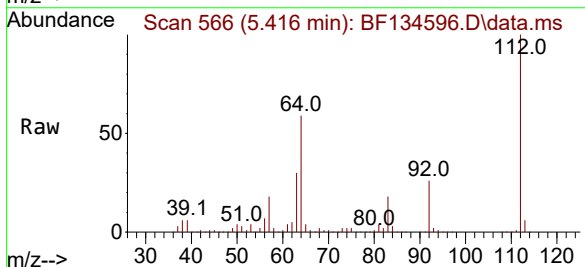
Instrument :
BNA_F
ClientSampleId :
B-P2A

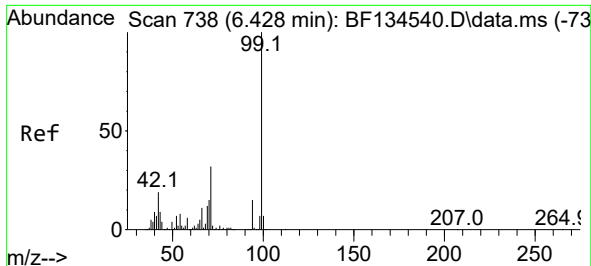
Tgt Ion:152 Resp: 172723
Ion Ratio Lower Upper
152 100
150 157.6 128.3 192.5
115 64.7 52.4 78.6



#5
2-Fluorophenol
Concen: 49.912 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134596.D
Acq: 02 Aug 2023 23:52

Tgt Ion:112 Resp: 567129
Ion Ratio Lower Upper
112 100
64 59.2 44.9 67.3
63 30.1 25.4 38.0

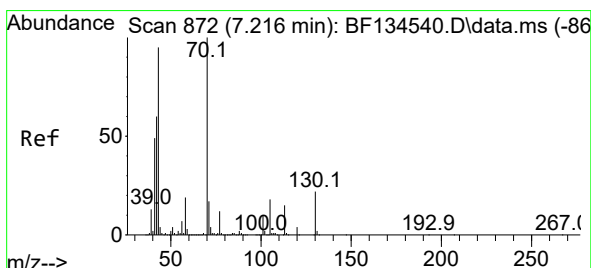
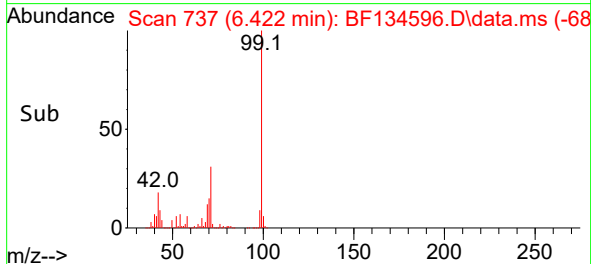
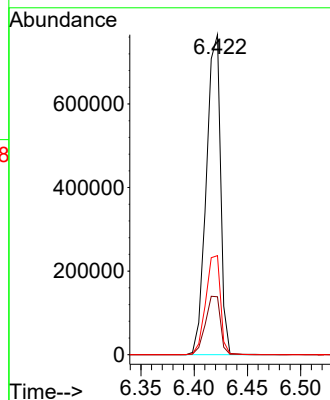
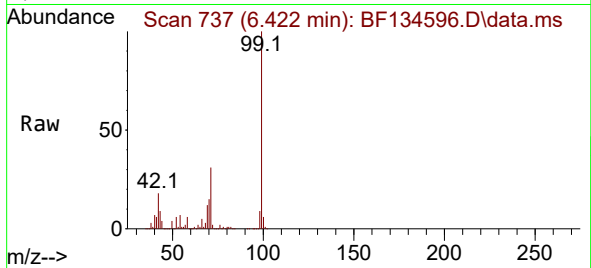




#7
Phenol-d6
Concen: 49.113 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134596.D
Acq: 02 Aug 2023 23:52

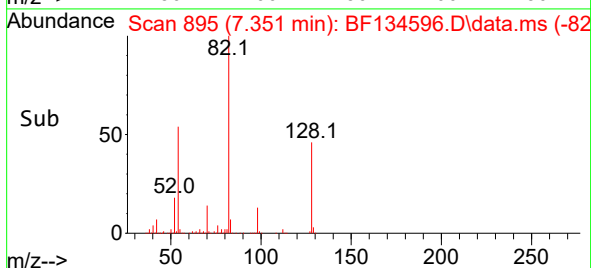
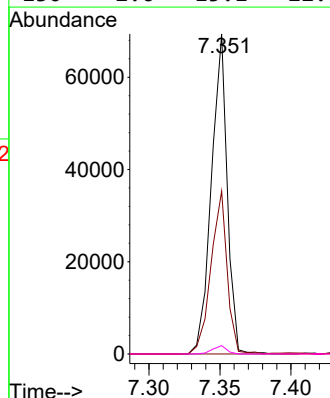
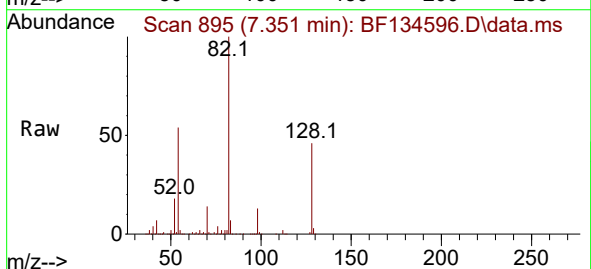
Instrument :
BNA_F
ClientSampleId :
B-P2A

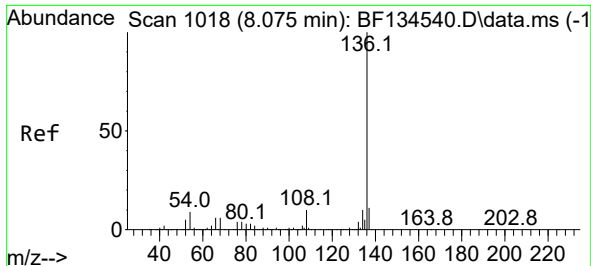
Tgt Ion: 99 Resp: 713356
Ion Ratio Lower Upper
99 100
42 18.1 18.7 28.1#
71 30.9 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 6.192 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134596.D
Acq: 02 Aug 2023 23:52

Tgt Ion: 70 Resp: 53852
Ion Ratio Lower Upper
70 100
42 50.9 54.7 82.1#
101 0.0 8.2 12.2#
130 2.6 15.1 22.7#

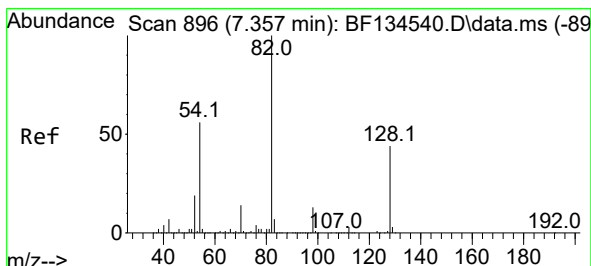
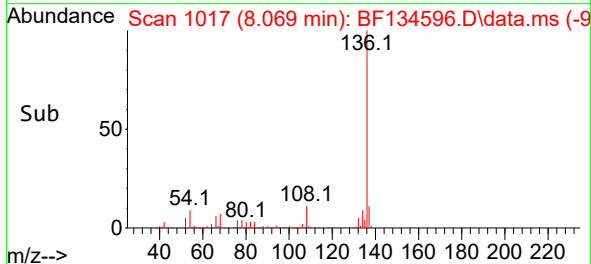
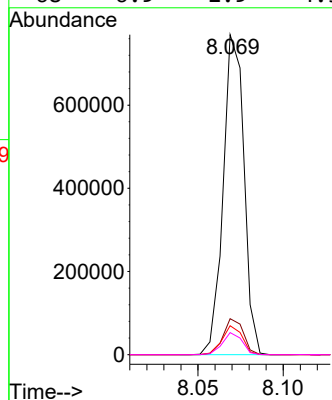
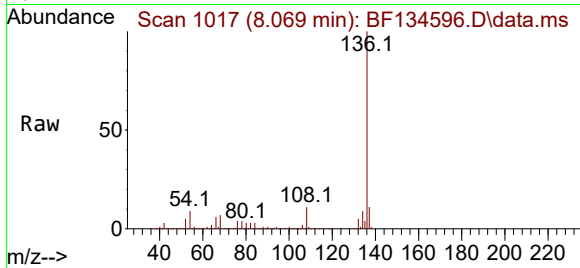




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134596.D
Acq: 02 Aug 2023 23:52

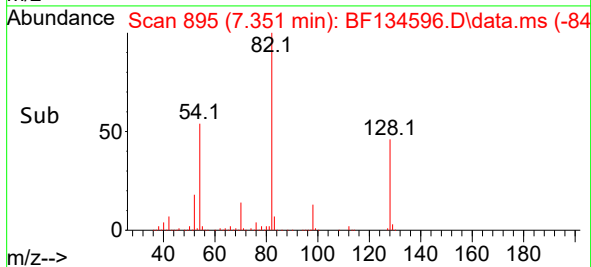
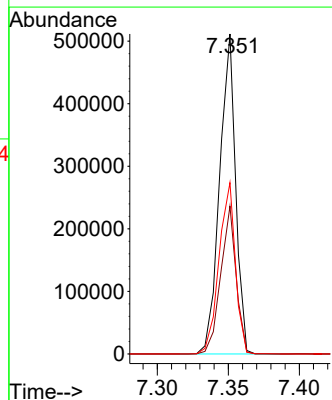
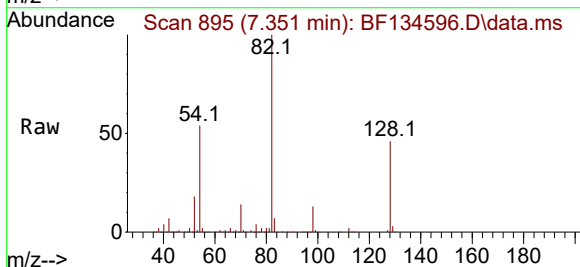
Instrument :
BNA_F
ClientSampleId :
B-P2A

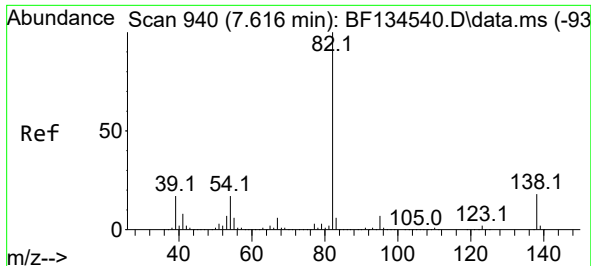
Tgt Ion:136 Resp: 653580
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.1 5.2 7.8#
68 6.9 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 38.216 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134596.D
Acq: 02 Aug 2023 23:52

Tgt Ion: 82 Resp: 399681
Ion Ratio Lower Upper
82 100
128 46.2 34.3 51.5
54 53.5 43.8 65.6

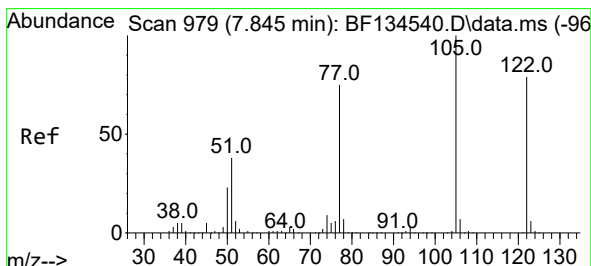
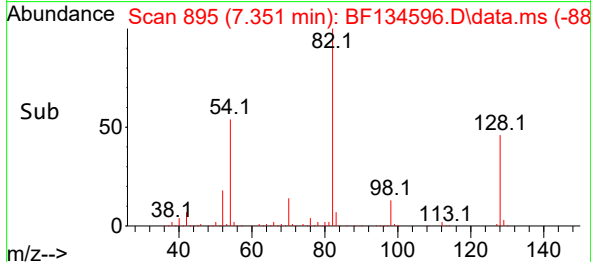
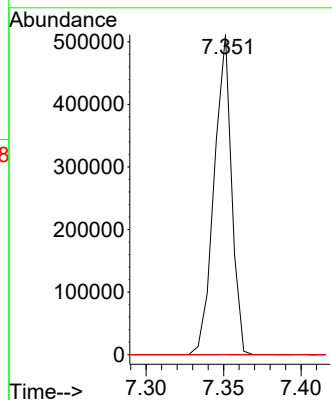
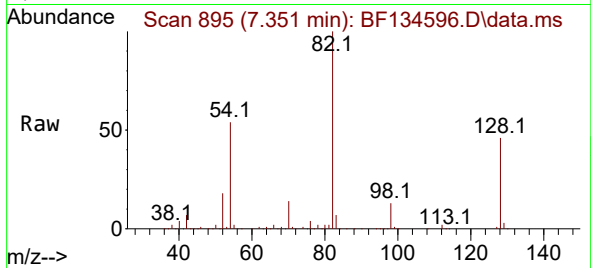




#25
Isophorone
Concen: 17.521 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134596.D
Acq: 02 Aug 2023 23:52

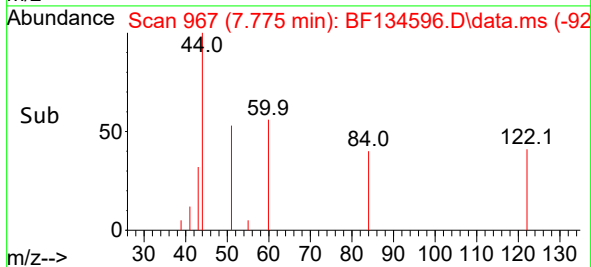
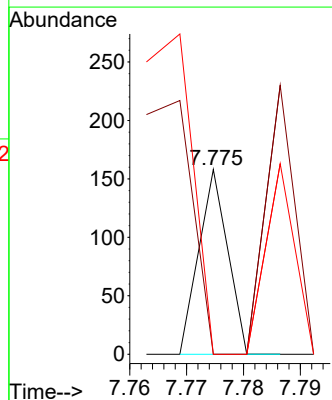
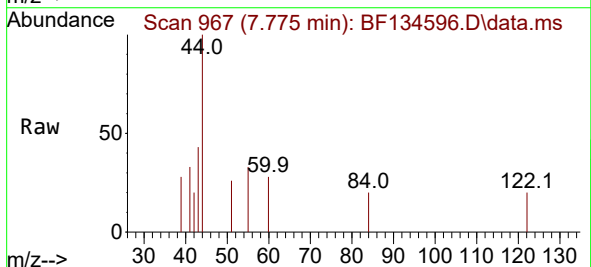
Instrument :
BNA_F
ClientSampleId :
B-P2A

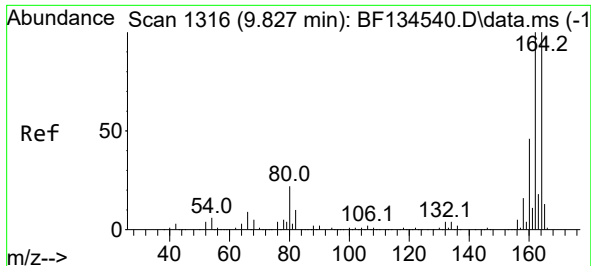
Tgt Ion: 82 Resp: 399672
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.874 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.070 min
Lab File: BF134596.D
Acq: 02 Aug 2023 23:52

Tgt Ion:122 Resp: 56
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: 9.828 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134596.D

Acq: 02 Aug 2023 23:52

Instrument :

BNA_F

ClientSampleId :

B-P2A

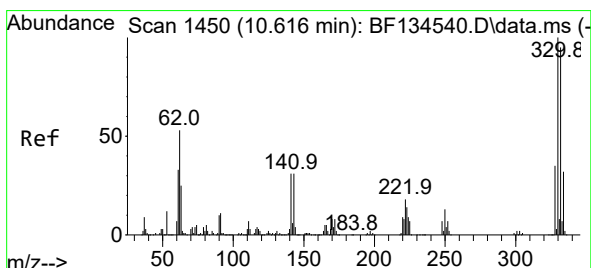
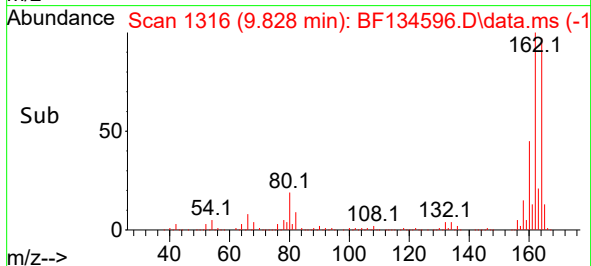
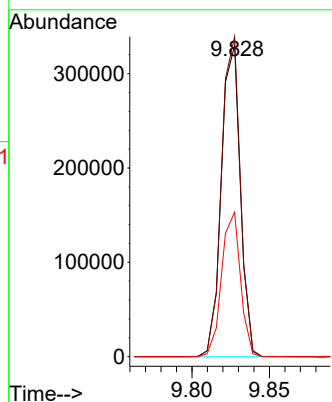
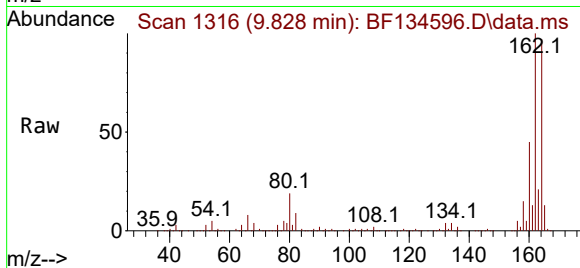
Tgt Ion:164 Resp: 281294

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

160 46.4 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 43.233 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF134596.D

Acq: 02 Aug 2023 23:52

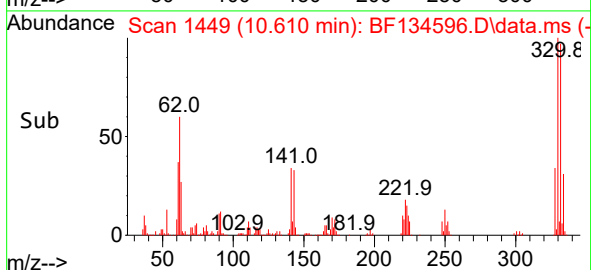
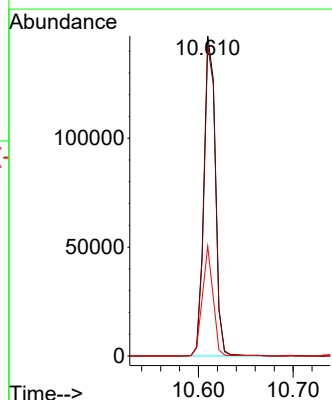
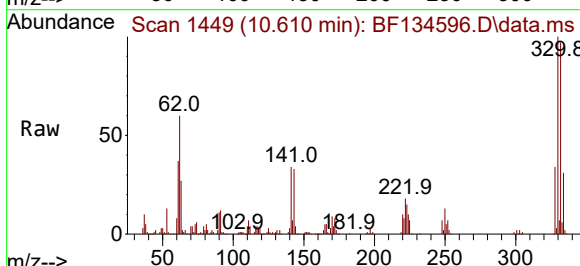
Tgt Ion:330 Resp: 123972

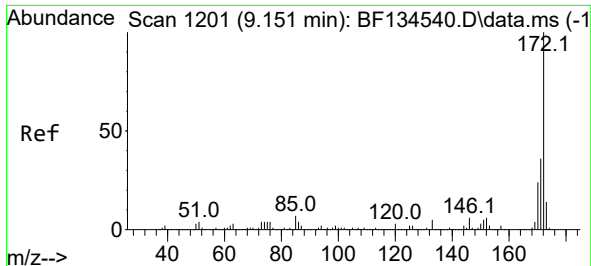
Ion Ratio Lower Upper

330 100

332 97.0 78.8 118.2

141 32.0 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 38.511 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134596.D

Acq: 02 Aug 2023 23:52

Instrument :

BNA_F

ClientSampleId :

B-P2A

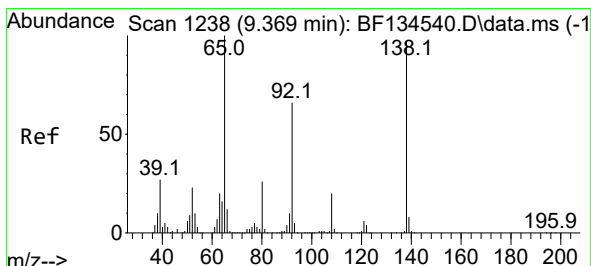
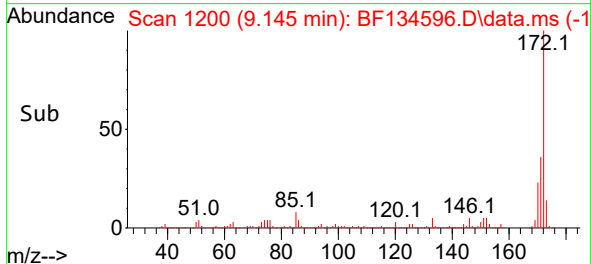
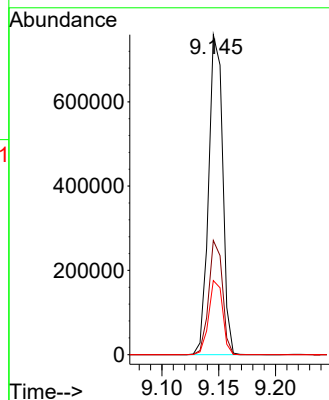
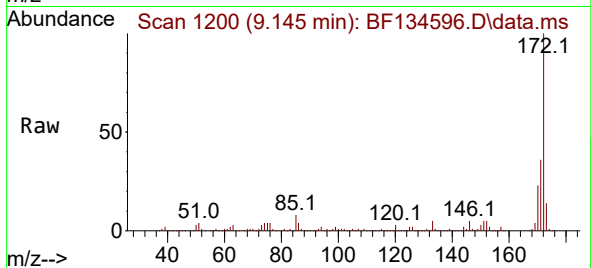
Tgt Ion:172 Resp: 651524

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.2 18.7 28.1



#48

2-Nitroaniline

Concen: 3.253 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.100 min

Lab File: BF134596.D

Acq: 02 Aug 2023 23:52

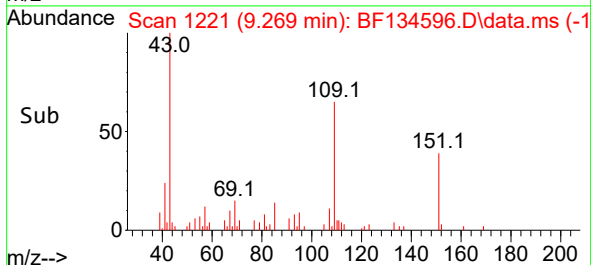
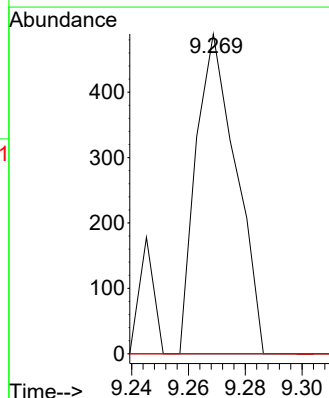
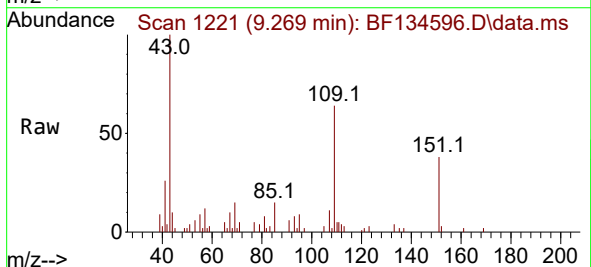
Tgt Ion: 65 Resp: 478

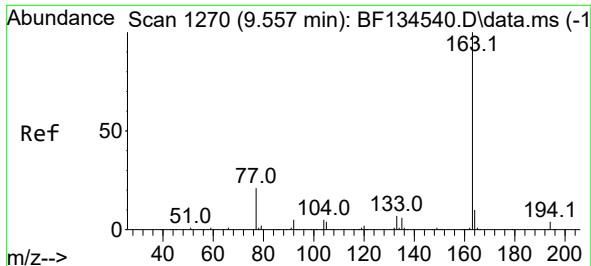
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

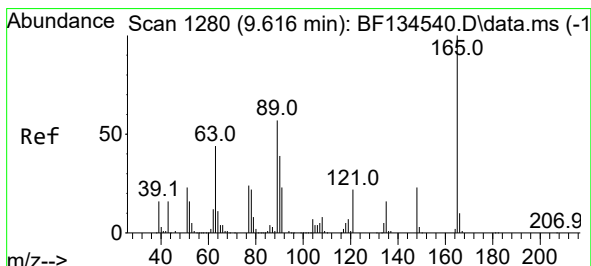
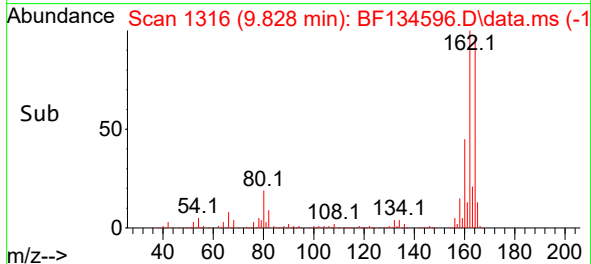
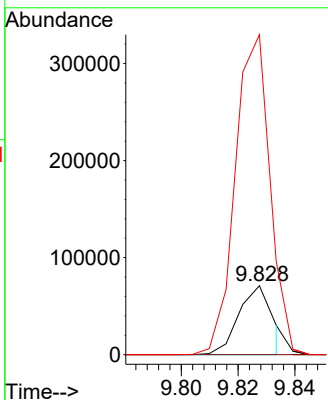
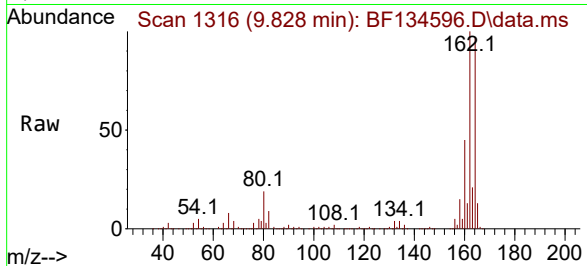




#50
Dimethylphthalate
Concen: 3.048 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.271 min
Lab File: BF134596.D
Acq: 02 Aug 2023 23:52

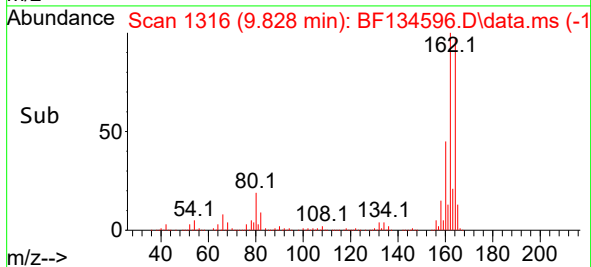
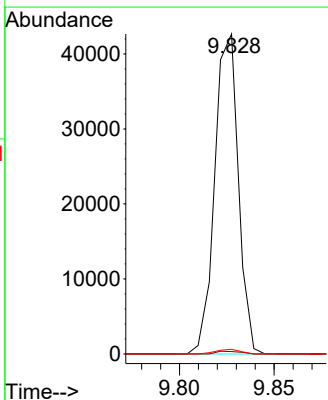
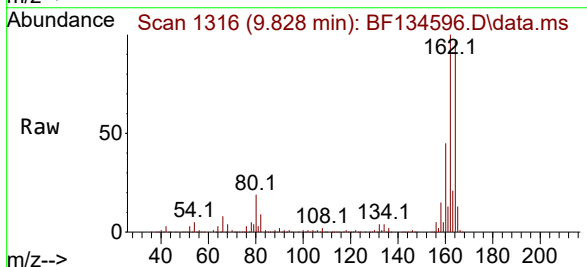
Instrument :
BNA_F
ClientSampleId :
B-P2A

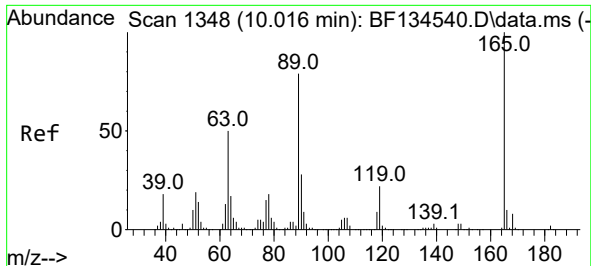
Tgt Ion:163 Resp: 58435
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 463.7 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.428 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF134596.D
Acq: 02 Aug 2023 23:52

Tgt Ion:165 Resp: 37012
Ion Ratio Lower Upper
165 100
63 0.8 57.8 86.6#
89 1.5 51.8 77.8#

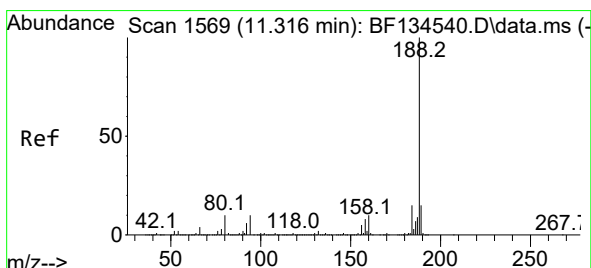
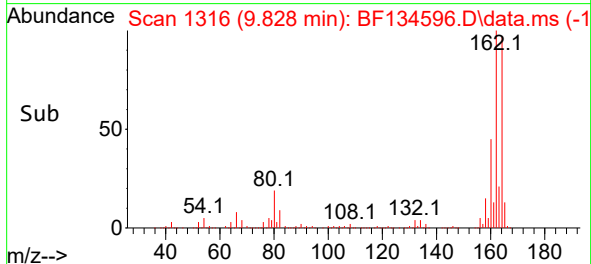
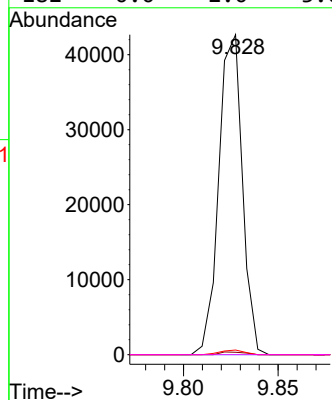
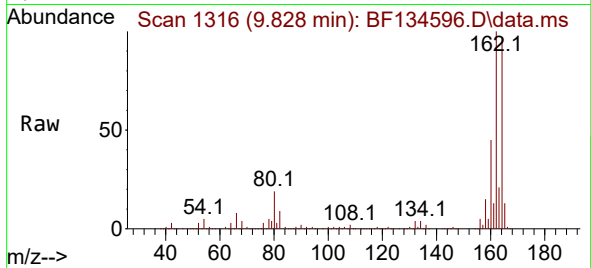




#57
2,4-Dinitrotoluene
Concen: 10.188 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF134596.D
Acq: 02 Aug 2023 23:52

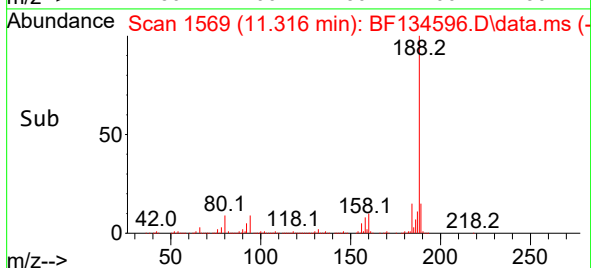
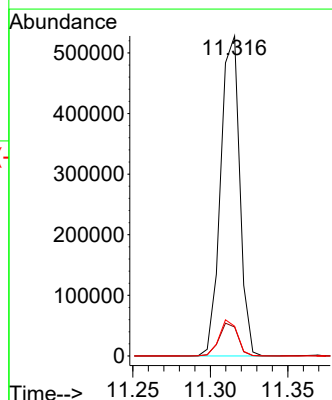
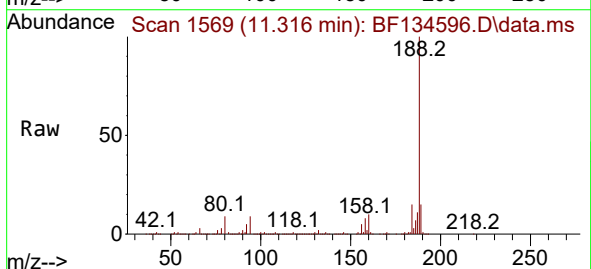
Instrument :
BNA_F
ClientSampleId :
B-P2A

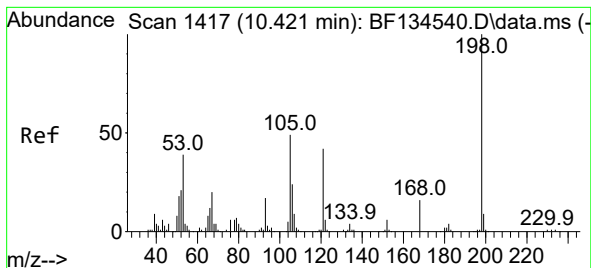
Tgt Ion:165 Resp: 37012
Ion Ratio Lower Upper
165 100
63 0.8 48.9 73.3#
89 1.5 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF134596.D
Acq: 02 Aug 2023 23:52

Tgt Ion:188 Resp: 452555
Ion Ratio Lower Upper
188 100
94 9.1 5.1 7.7#
80 9.3 6.6 9.8

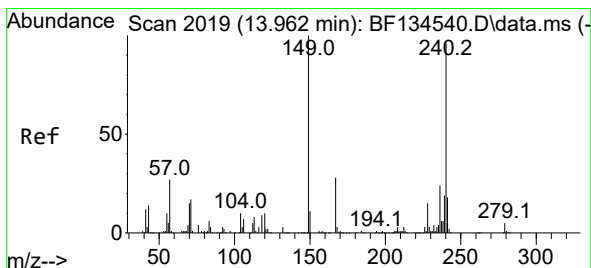
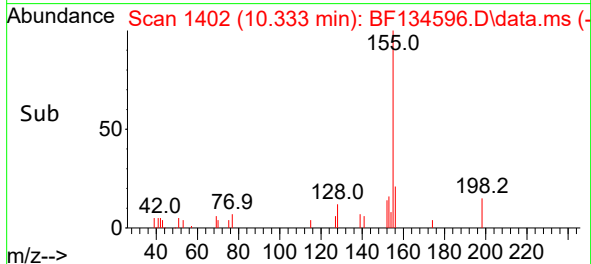
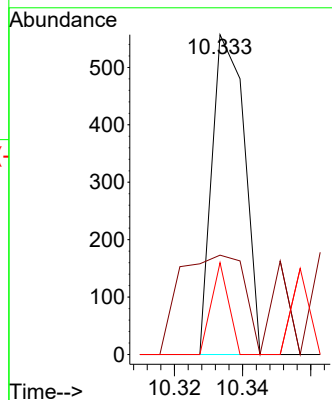
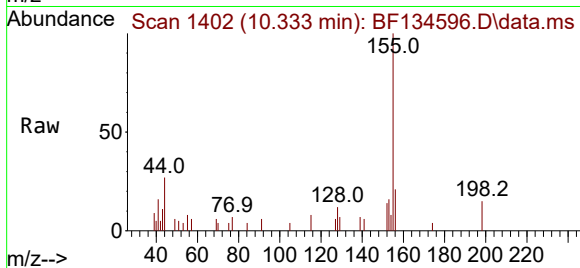




#65
4,6-Dinitro-2-methylphenol
Concen: 8.863 ng
RT: 10.333 min Scan# 14
Delta R.T. -0.088 min
Lab File: BF134596.D
Acq: 02 Aug 2023 23:52

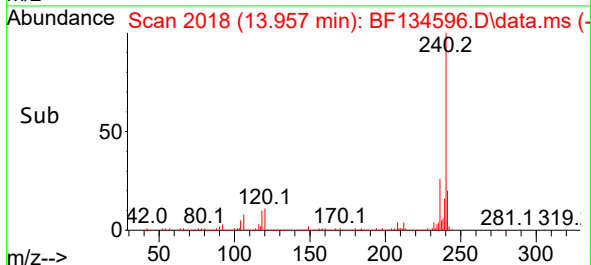
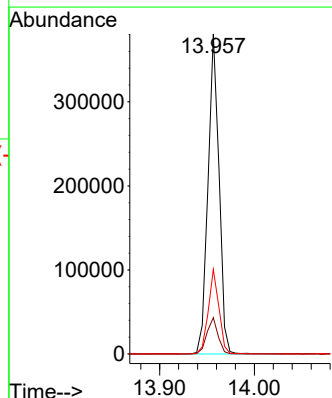
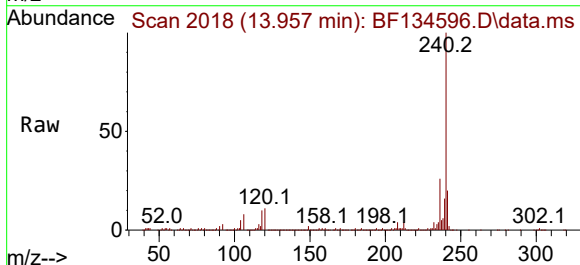
Instrument :
BNA_F
ClientSampleId :
B-P2A

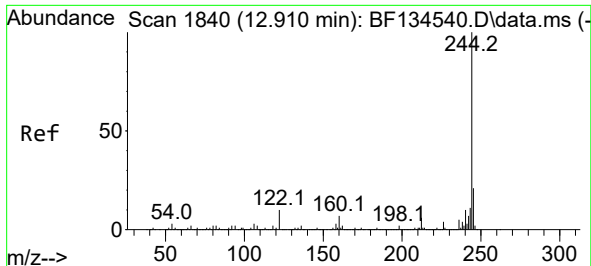
Tgt Ion:198 Resp: 366
Ion Ratio Lower Upper
198 100
51 31.1 38.6 78.6#
105 28.7 27.9 67.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134596.D
Acq: 02 Aug 2023 23:52

Tgt Ion:240 Resp: 307512
Ion Ratio Lower Upper
240 100
120 11.4 6.6 10.0#
236 26.4 20.2 30.2

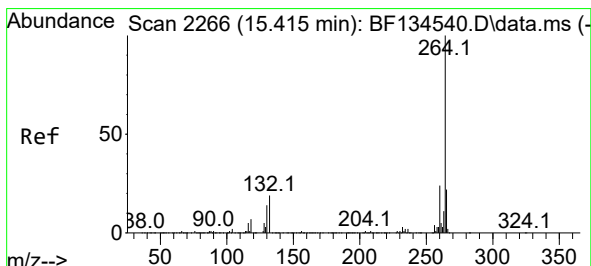
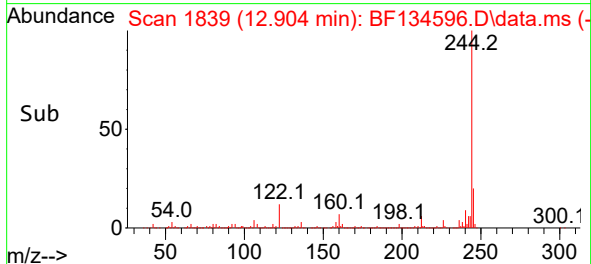
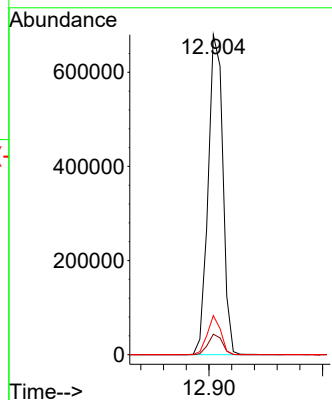
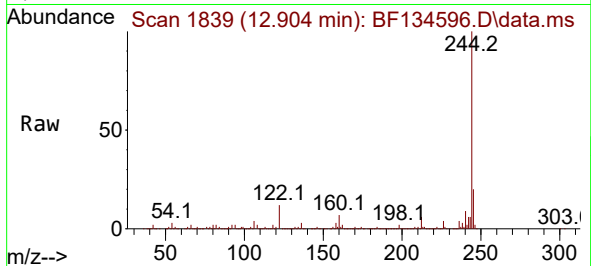




#79
 Terphenyl-d14
 Concen: 34.960 ng
 RT: 12.904 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF134596.D
 Acq: 02 Aug 2023 23:52

Instrument :
 BNA_F
 ClientSampleId :
 B-P2A

Tgt Ion:244 Resp: 609829
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 12.2 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: BF134596.D
 Acq: 02 Aug 2023 23:52

Tgt Ion:264 Resp: 242392
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 22.3 15.8 23.8

