

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134831.D
 Acq On : 18 Aug 2023 09:23
 Operator : CG\JU
 Sample : PB154882BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154882BL

Quant Time: Aug 18 11:04:57 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)

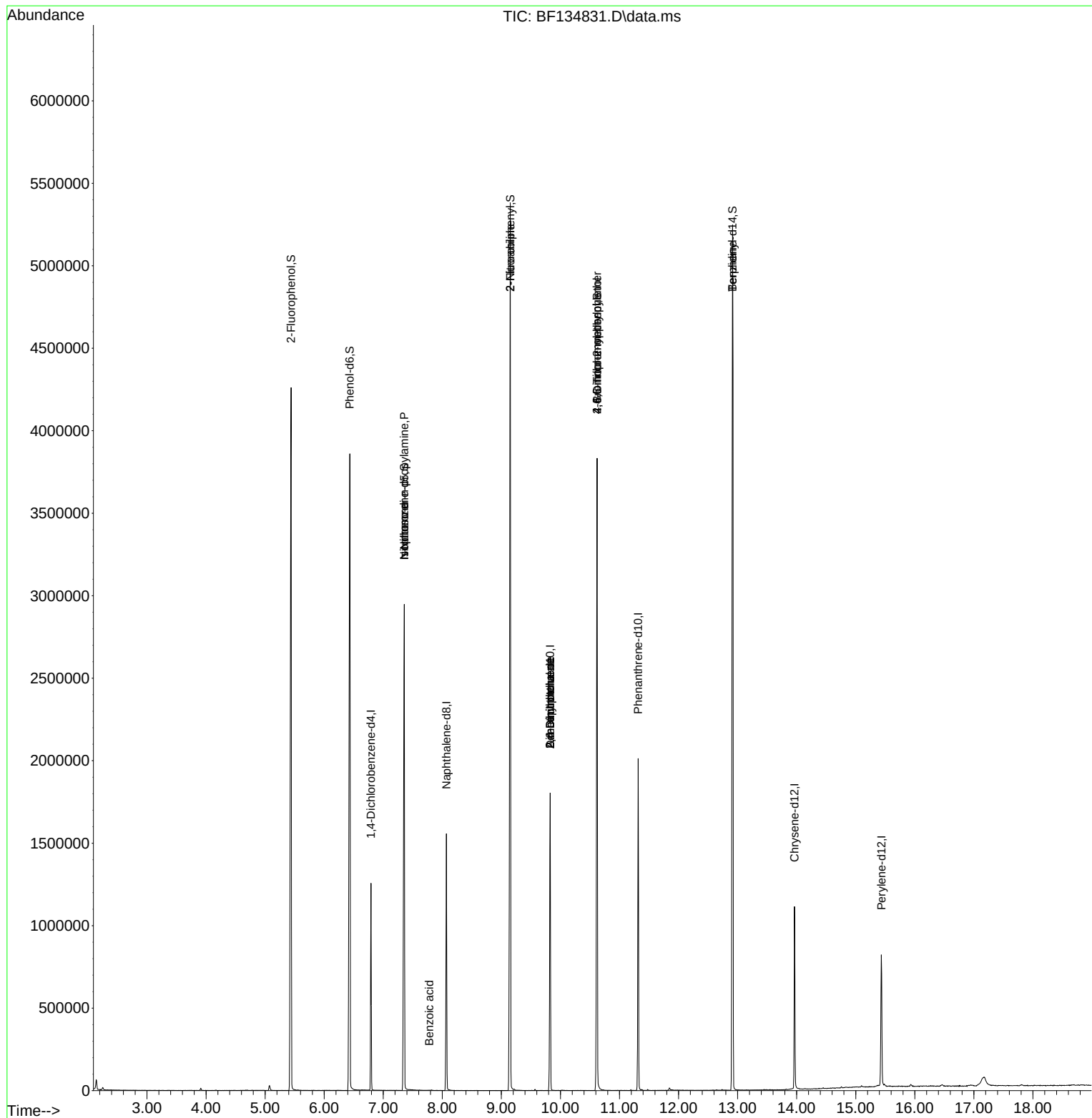
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	165619	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	690454	20.000	ng	#-0.01
39) Acenaphthene-d10	9.827	164	371723	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	712483	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	360782	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	373244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1360156	124.839	ng	0.01
7) Phenol-d6	6.434	99	1750773	125.706	ng	0.00
23) Nitrobenzene-d5	7.357	82	1128117	102.105	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	573425	151.325	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	2009966	89.905	ng	-0.01
79) Terphenyl-d14	12.915	244	2346553	114.658	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.428	77	2592	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.357	70	151230	18.136	ng	# 75
25) Isophorone	7.357	82	1115537	46.292	ng	# 65
32) Benzoic acid	7.781	122	134	7.883	ng	# 84
48) 2-Nitroaniline	9.151	65	3208	3.610	ng	# 1
50) Dimethylphthalate	9.827	163	77726	3.068	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	48770	11.402	ng	# 17
57) 2,4-Dinitrotoluene	9.827	165	48770	10.167	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.622	198	1397	9.096	ng	# 20
67) 4-Bromophenyl-phenylether	10.622	248	36077	4.626	ng	# 1
77) Benzidine	12.915	184	26602	3.397	ng	# 91

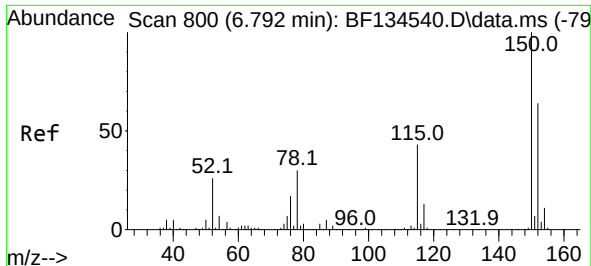
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
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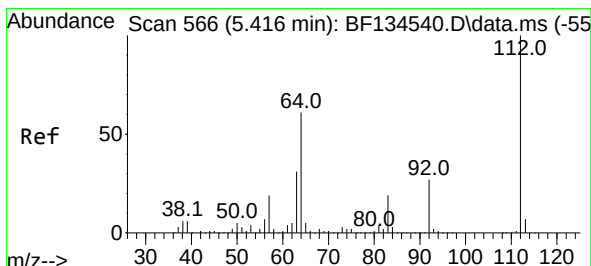
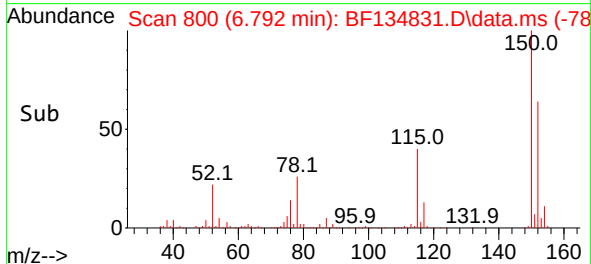
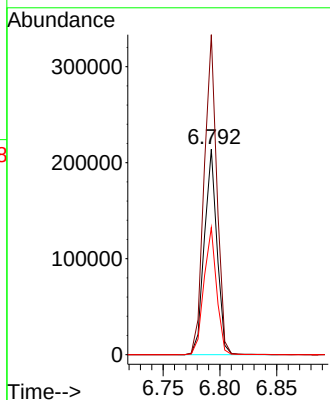
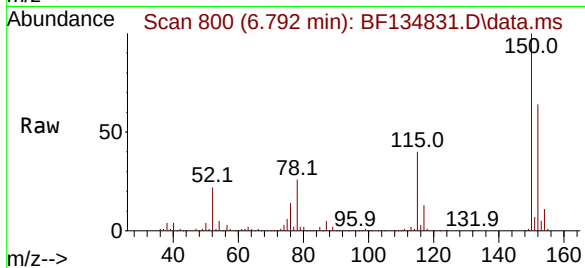




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF134831.D
Acq: 18 Aug 2023 09:23

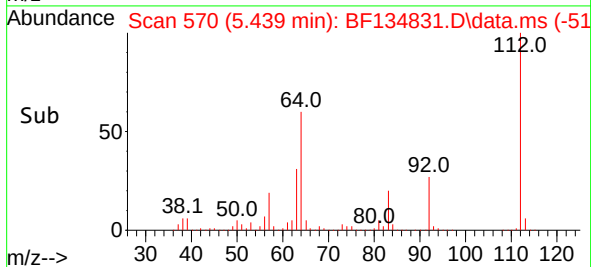
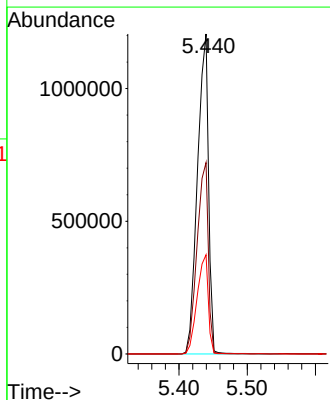
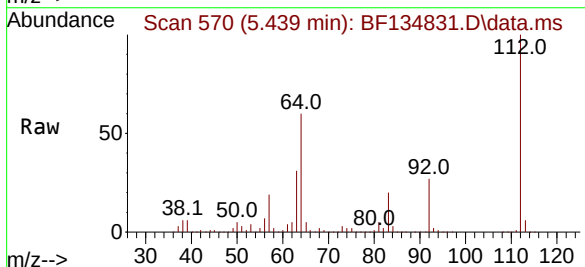
Instrument :
BNA_F
ClientSampleId :
PB154882BL

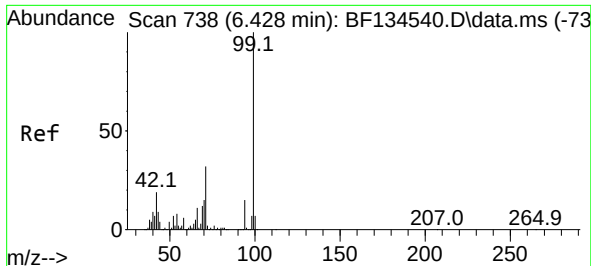
Tgt Ion:152 Resp: 165619
Ion Ratio Lower Upper
152 100
150 155.7 128.3 192.5
115 61.9 52.4 78.6



#5
2-Fluorophenol
Concen: 124.839 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF134831.D
Acq: 18 Aug 2023 09:23

Tgt Ion:112 Resp: 1360156
Ion Ratio Lower Upper
112 100
64 59.8 44.9 67.3
63 31.0 25.4 38.0

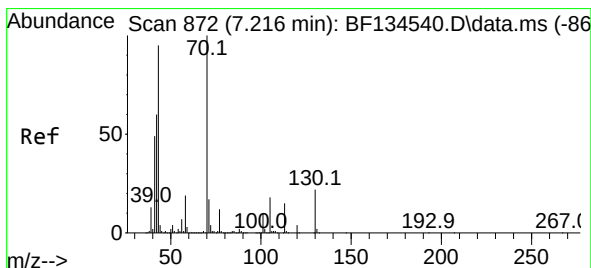
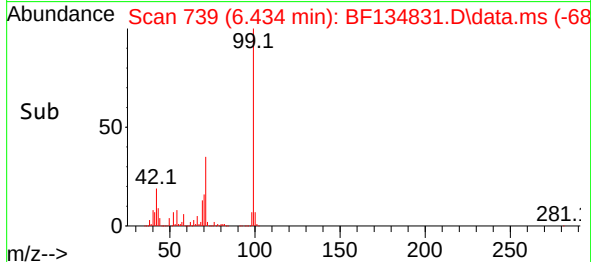
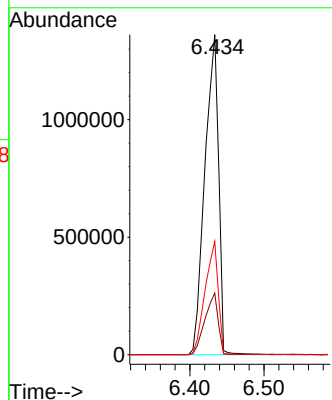
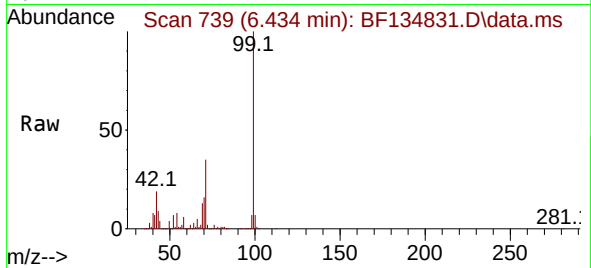




#7
Phenol-d6
Concen: 125.706 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134831.D
Acq: 18 Aug 2023 09:23

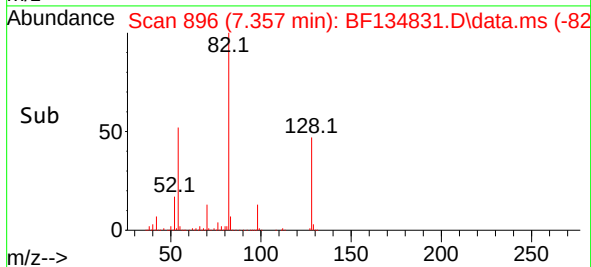
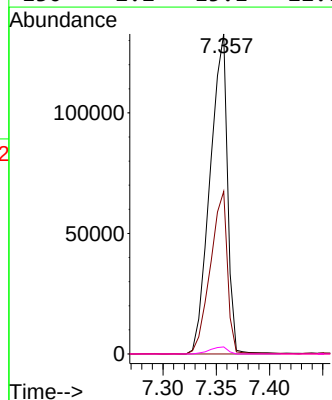
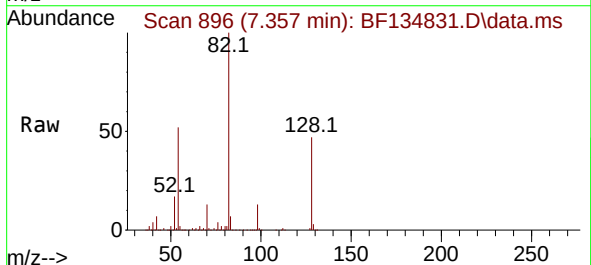
Instrument :
BNA_F
ClientSampleId :
PB154882BL

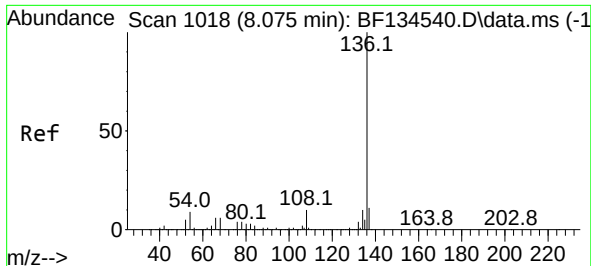
Tgt Ion: 99 Resp: 1750773
Ion Ratio Lower Upper
99 100
42 19.3 18.7 28.1
71 35.4 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 18.136 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF134831.D
Acq: 18 Aug 2023 09:23

Tgt Ion: 70 Resp: 151230
Ion Ratio Lower Upper
70 100
42 50.8 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#

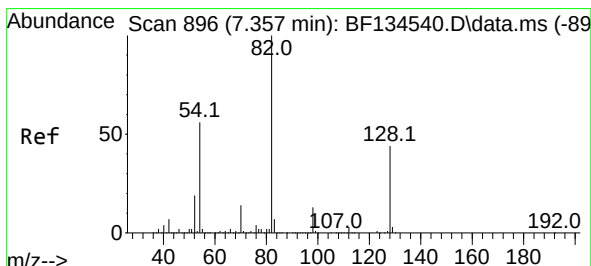
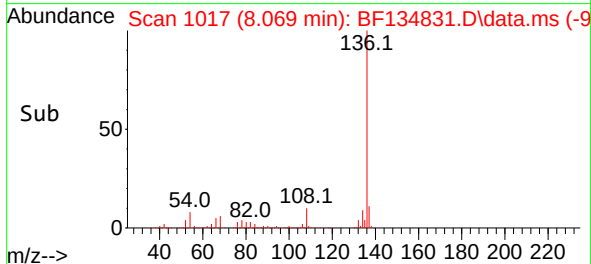
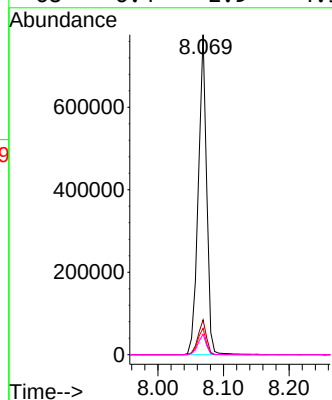
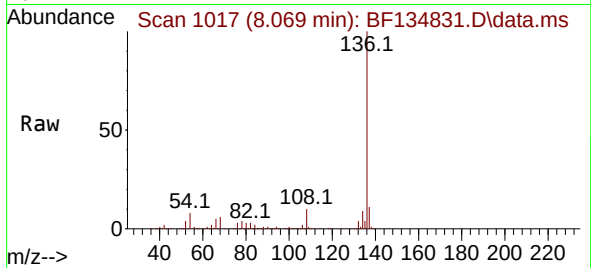




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BF134831.D
Acq: 18 Aug 2023 09:23

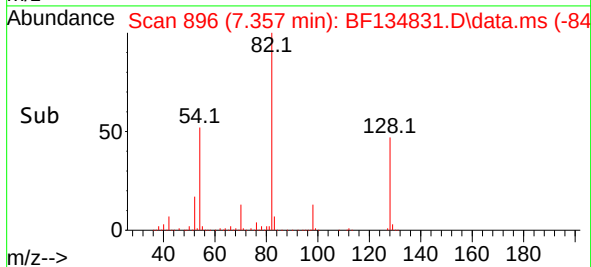
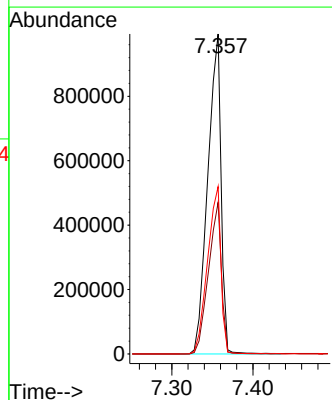
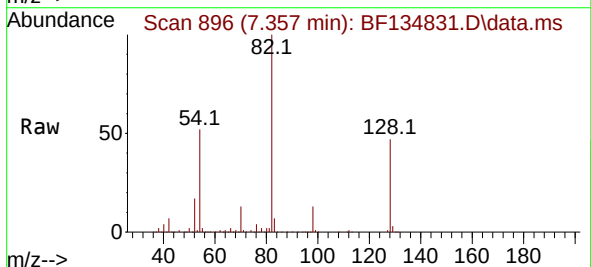
Instrument :
BNA_F
ClientSampleId :
PB154882BL

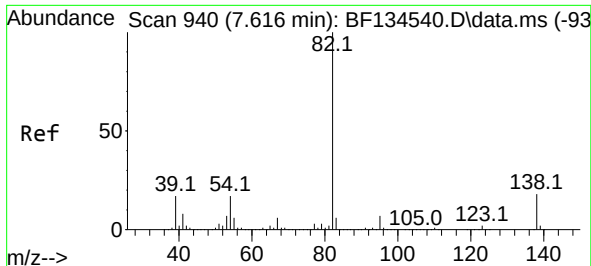
Tgt Ion:136 Resp: 690454
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.3 5.2 7.8#
68 6.4 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 102.105 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF134831.D
Acq: 18 Aug 2023 09:23

Tgt Ion: 82 Resp: 1128117
Ion Ratio Lower Upper
82 100
128 47.4 34.3 51.5
54 52.3 43.8 65.6

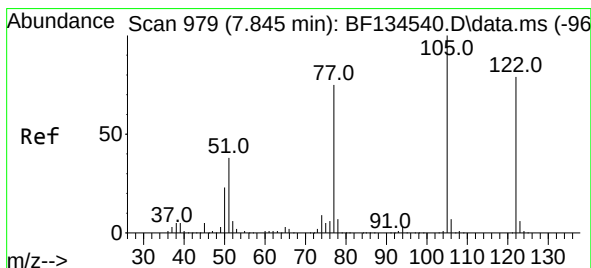
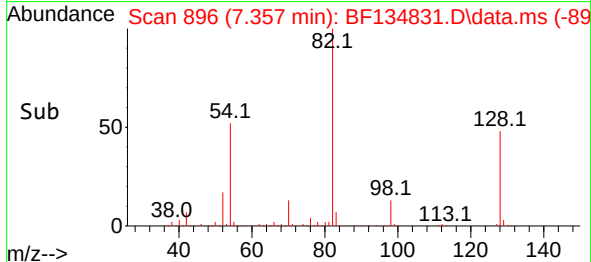
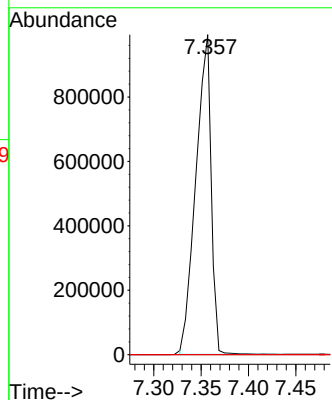
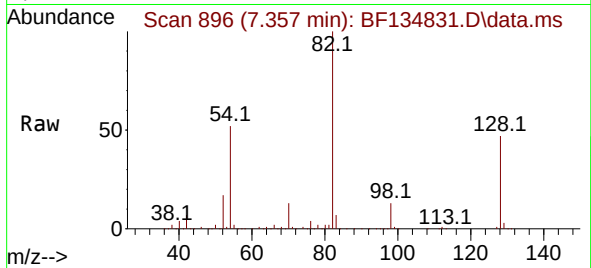




#25
Isophorone
Concen: 46.292 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF134831.D
Acq: 18 Aug 2023 09:23

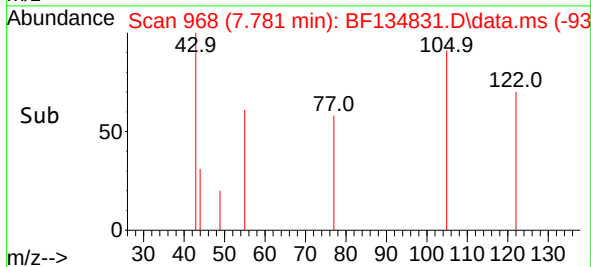
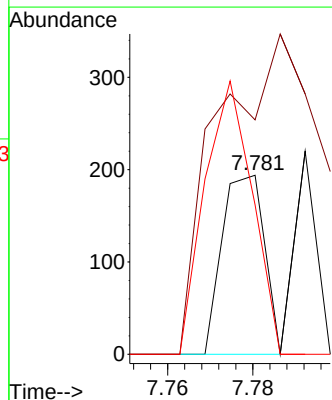
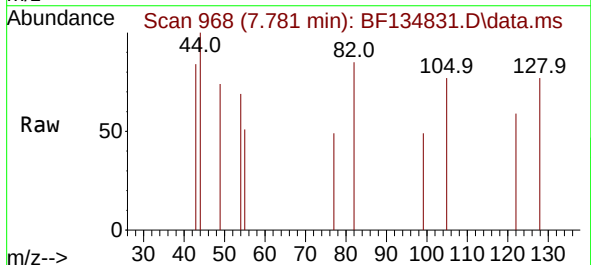
Instrument :
BNA_F
ClientSampleId :
PB154882BL

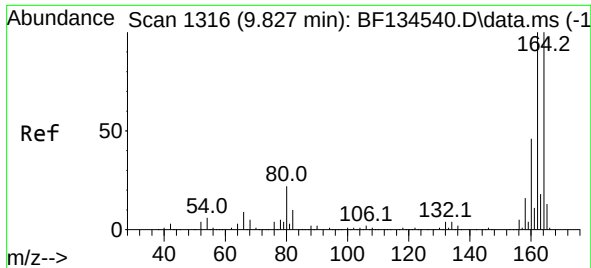
Tgt Ion: 82 Resp: 1115537
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.883 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.082 min
Lab File: BF134831.D
Acq: 18 Aug 2023 09:23

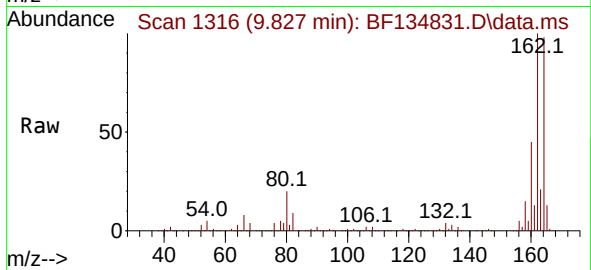
Tgt Ion:122 Resp: 134
Ion Ratio Lower Upper
122 100
105 130.9 87.5 127.5#
77 83.5 71.4 111.4



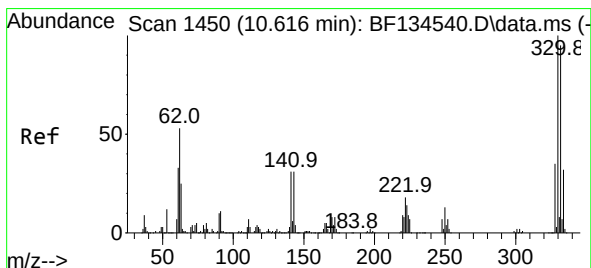
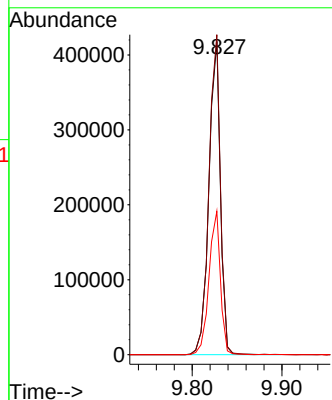
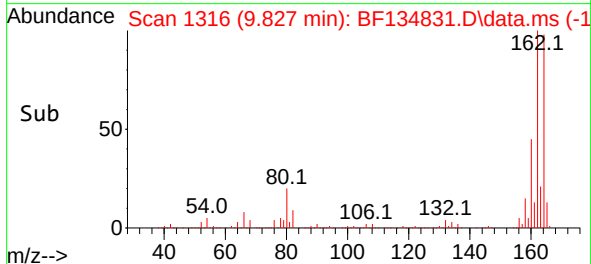


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134831.D
Acq: 18 Aug 2023 09:23

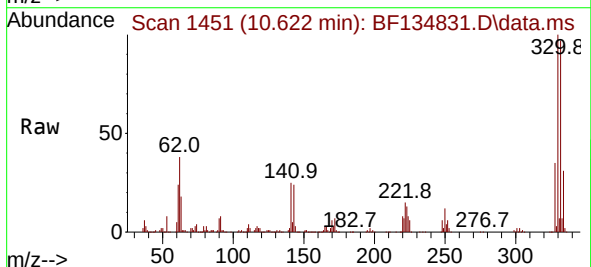
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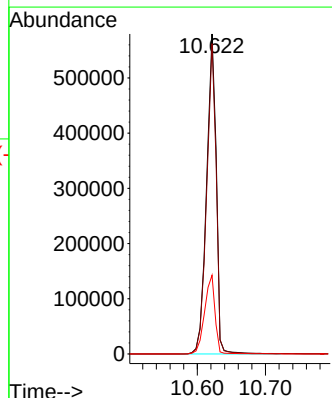
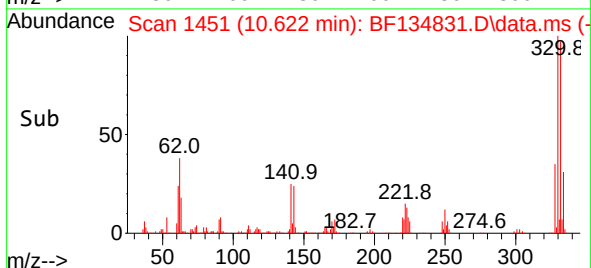
Tgt Ion:164 Resp: 371723
Ion Ratio Lower Upper
164 100
162 102.2 82.6 123.8
160 45.8 37.2 55.8

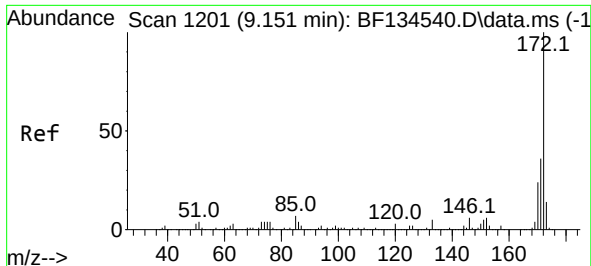


#42
2,4,6-Tribromophenol
Concen: 151.325 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134831.D
Acq: 18 Aug 2023 09:23



Tgt Ion:330 Resp: 573425
Ion Ratio Lower Upper
330 100
332 95.7 78.8 118.2
141 26.4 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 89.905 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134831.D

Acq: 18 Aug 2023 09:23

Instrument :

BNA_F

ClientSampleId :

PB154882BL

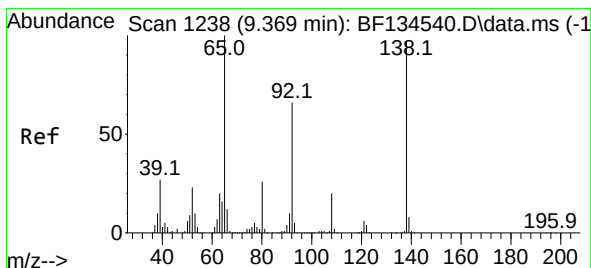
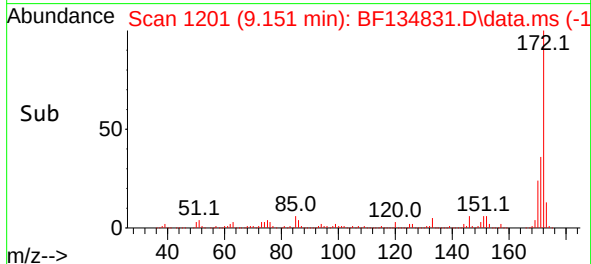
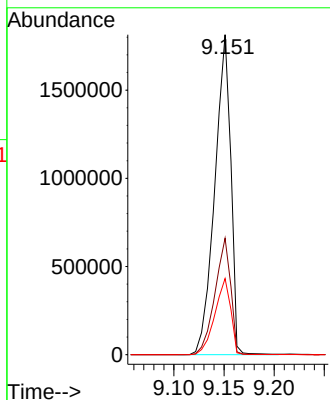
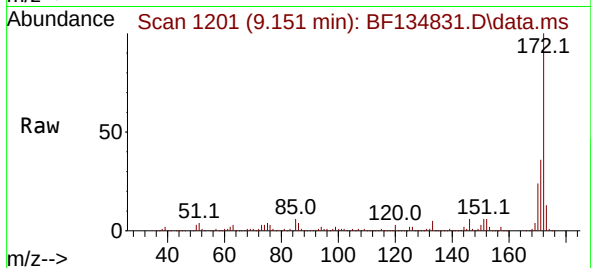
Tgt Ion:172 Resp: 2009966

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 23.8 18.7 28.1



#48

2-Nitroaniline

Concen: 3.610 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.229 min

Lab File: BF134831.D

Acq: 18 Aug 2023 09:23

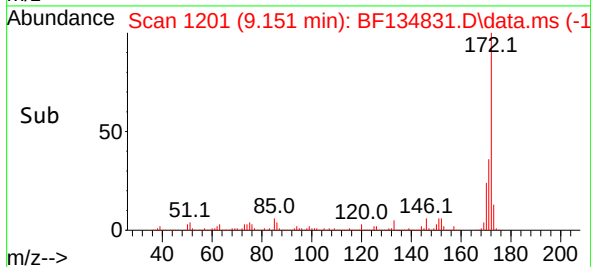
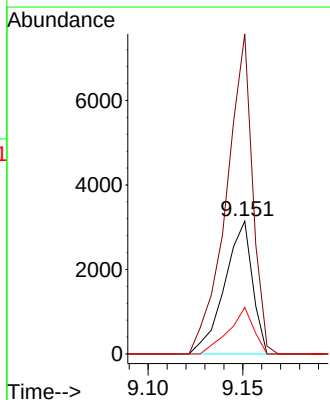
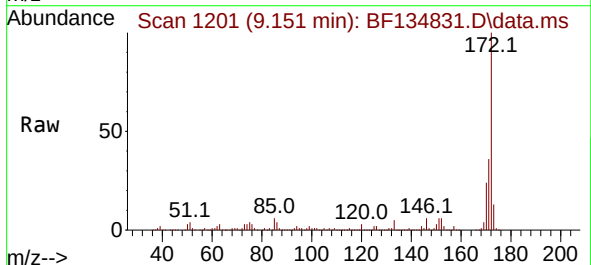
Tgt Ion: 65 Resp: 3208

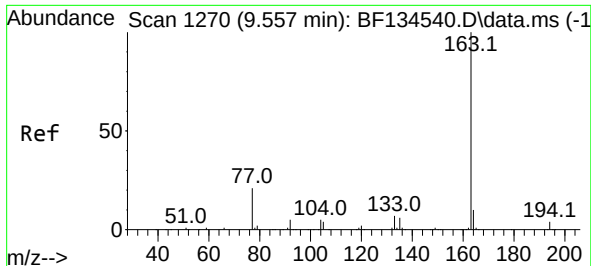
Ion Ratio Lower Upper

65 100

92 240.9 50.7 76.1#

138 35.1 78.2 117.4#

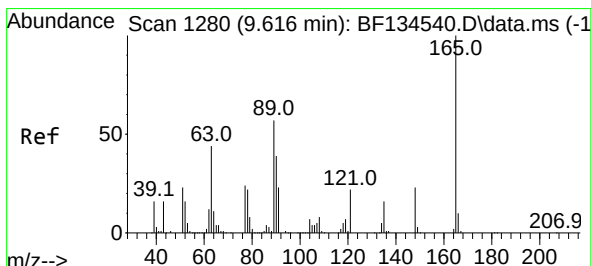
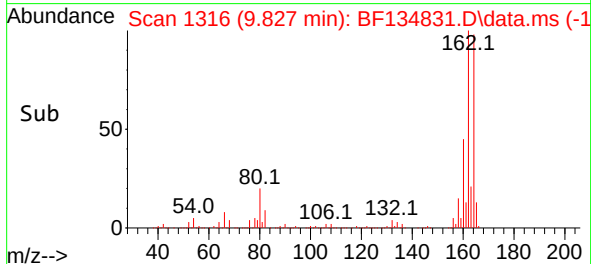
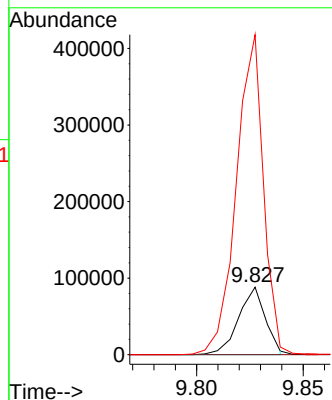
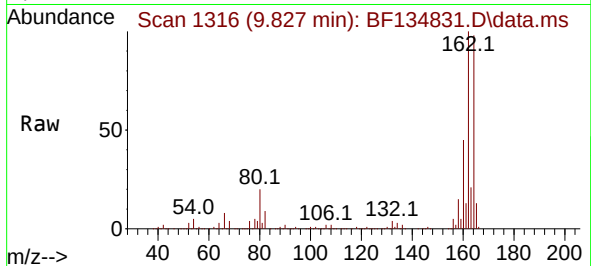




#50
Dimethylphthalate
Concen: 3.068 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF134831.D
Acq: 18 Aug 2023 09:23

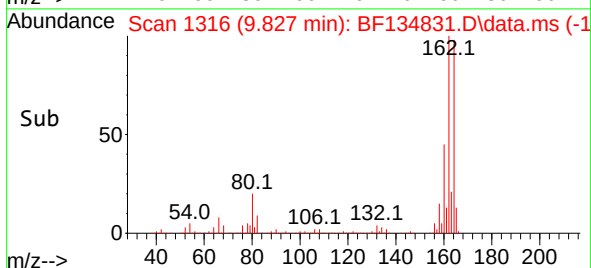
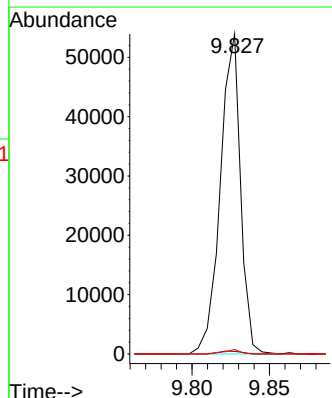
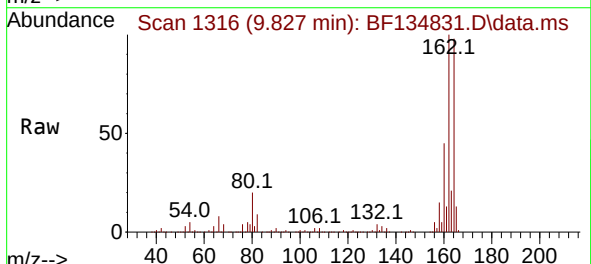
Instrument :
BNA_F
ClientSampleId :
PB154882BL

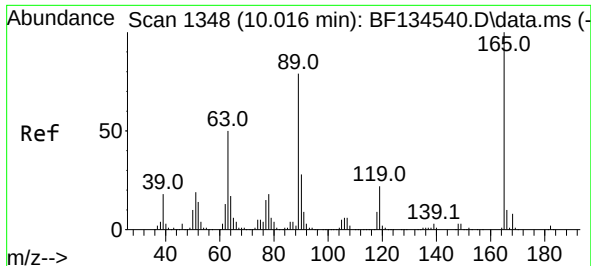
Tgt Ion:163 Resp: 77726
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 473.8 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.402 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134831.D
Acq: 18 Aug 2023 09:23

Tgt Ion:165 Resp: 48770
Ion Ratio Lower Upper
165 100
63 0.8 57.8 86.6#
89 1.4 51.8 77.8#

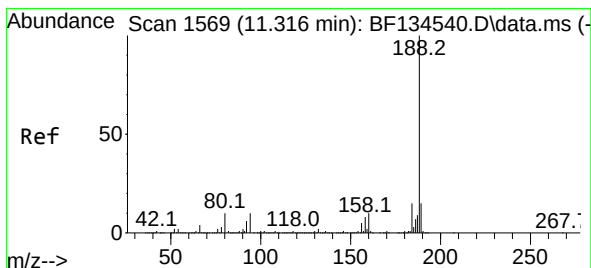
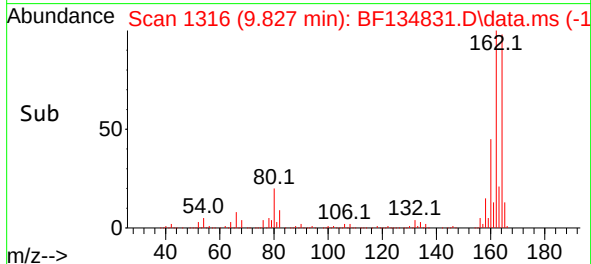
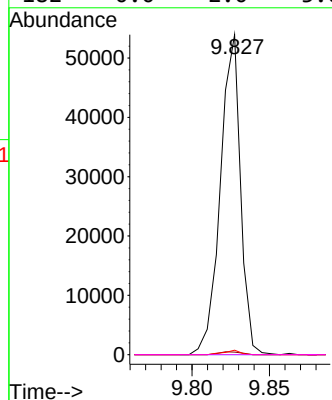
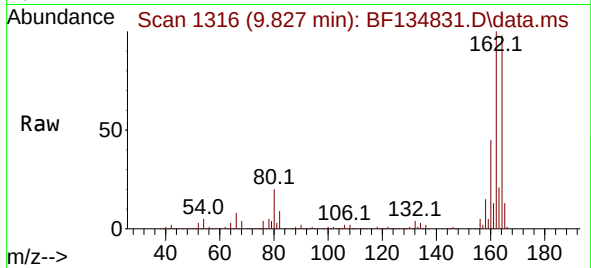




#57
2,4-Dinitrotoluene
Concen: 10.167 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF134831.D
Acq: 18 Aug 2023 09:23

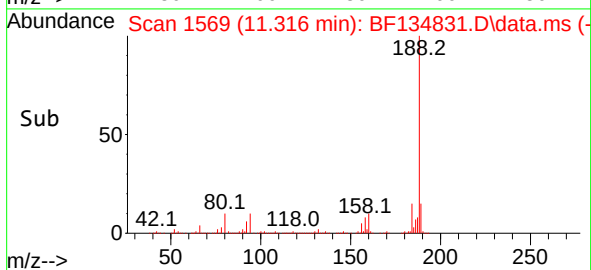
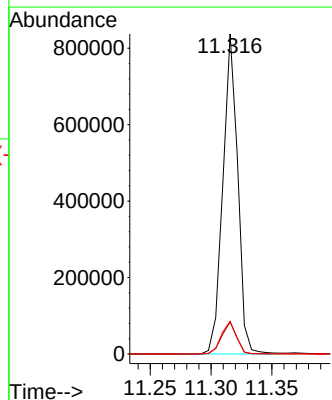
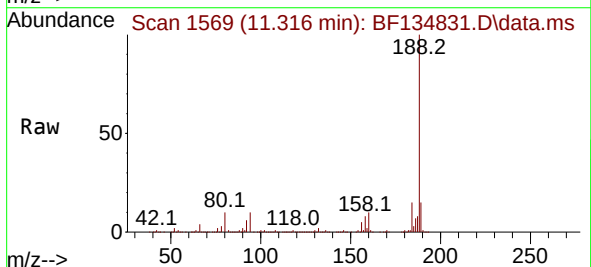
Instrument :
BNA_F
ClientSampleId :
PB154882BL

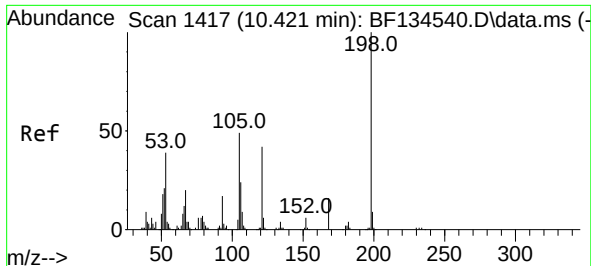
Tgt Ion:165 Resp: 48770
Ion Ratio Lower Upper
165 100
63 0.8 48.9 73.3#
89 1.4 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134831.D
Acq: 18 Aug 2023 09:23

Tgt Ion:188 Resp: 712483
Ion Ratio Lower Upper
188 100
94 10.0 5.1 7.7#
80 10.2 6.6 9.8#

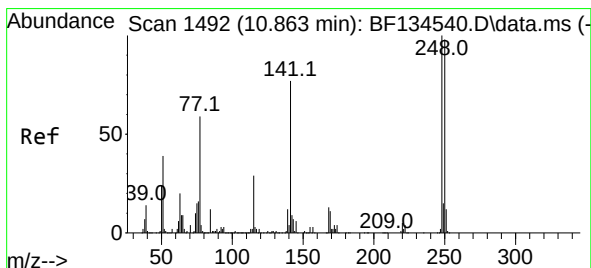
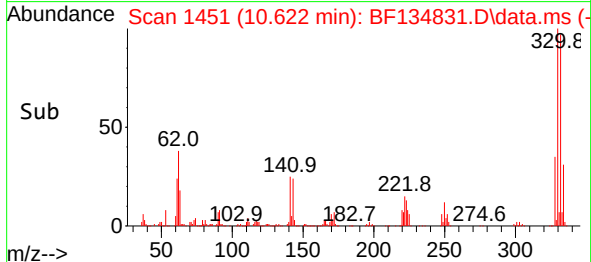
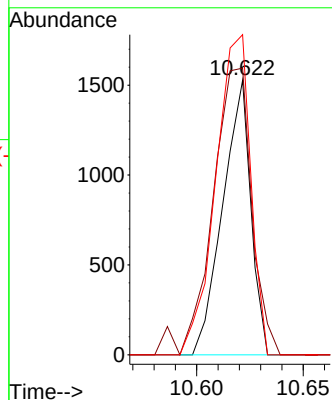
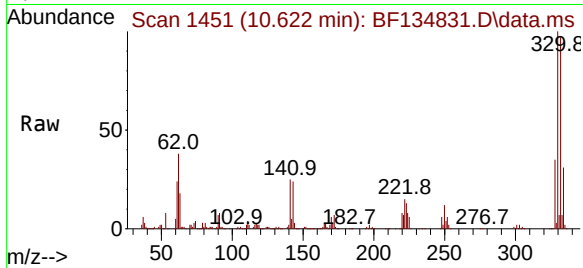




#65
4,6-Dinitro-2-methylphenol
Concen: 9.096 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.182 min
Lab File: BF134831.D
Acq: 18 Aug 2023 09:23

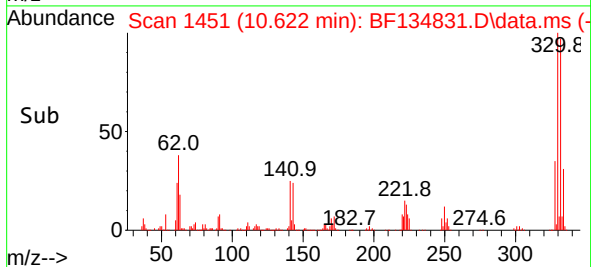
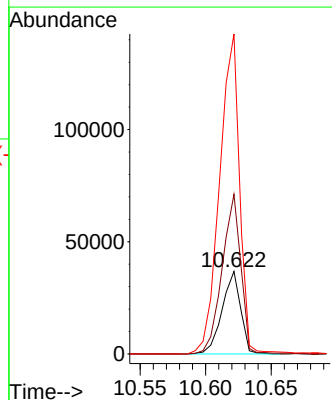
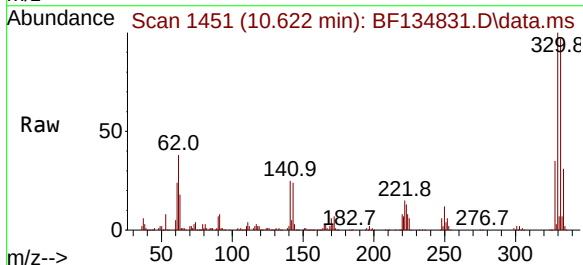
Instrument :
BNA_F
ClientSampleId :
PB154882BL

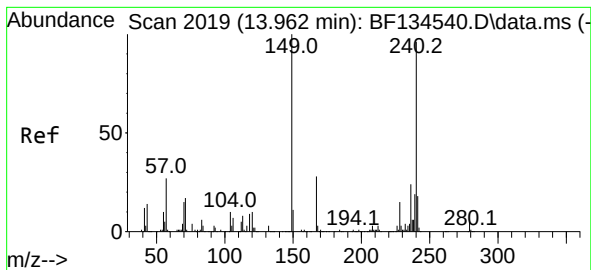
Tgt Ion:198 Resp: 1397
Ion Ratio Lower Upper
198 100
51 104.5 38.6 78.6#
105 116.6 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 4.626 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.247 min
Lab File: BF134831.D
Acq: 18 Aug 2023 09:23

Tgt Ion:248 Resp: 36077
Ion Ratio Lower Upper
248 100
250 193.6 79.6 119.4#
141 387.8 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF134831.D

Acq: 18 Aug 2023 09:23

Instrument :

BNA_F

ClientSampleId :

PB154882BL

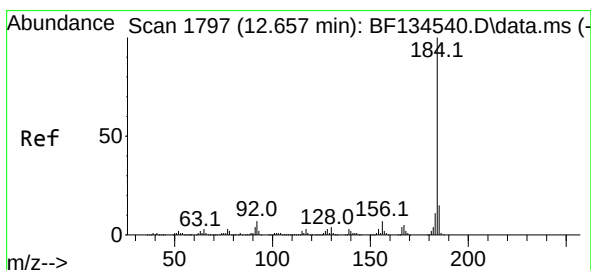
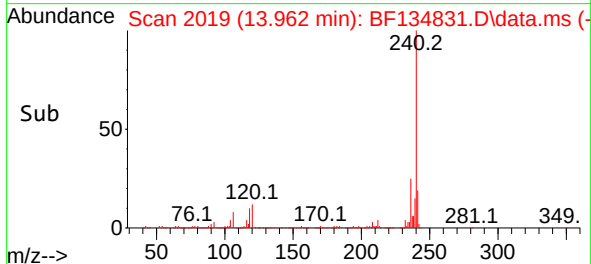
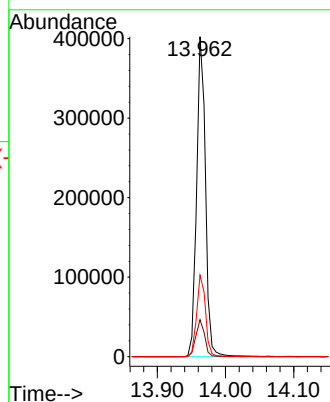
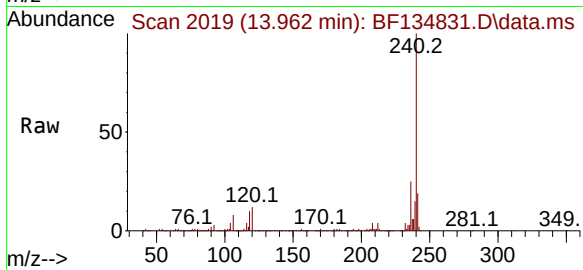
Tgt Ion:240 Resp: 360782

Ion Ratio Lower Upper

240 100

120 11.6 6.6 10.0#

236 25.4 20.2 30.2



#77

Benzdine

Concen: 3.397 ng

RT: 12.915 min Scan# 1841

Delta R.T. 0.253 min

Lab File: BF134831.D

Acq: 18 Aug 2023 09:23

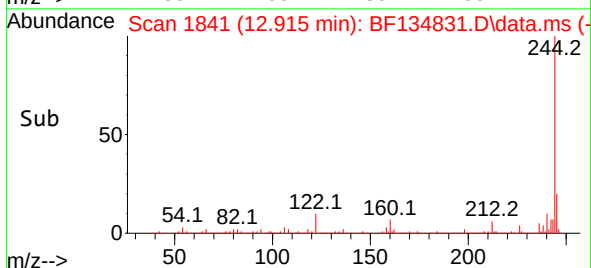
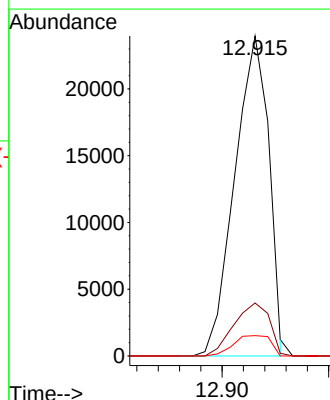
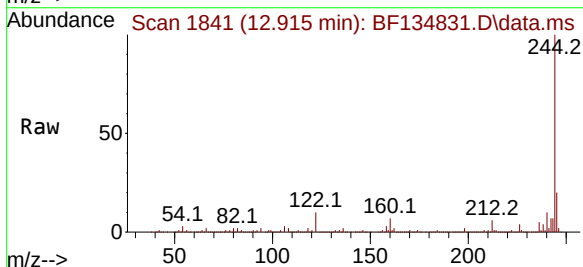
Tgt Ion:184 Resp: 26602

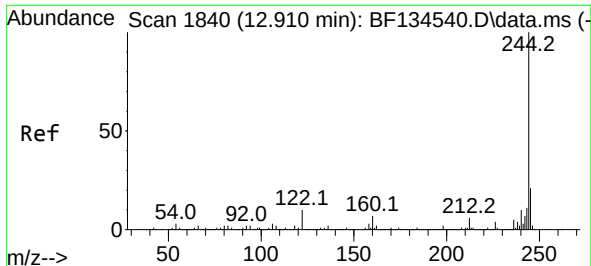
Ion Ratio Lower Upper

184 100

185 16.6 11.2 16.8

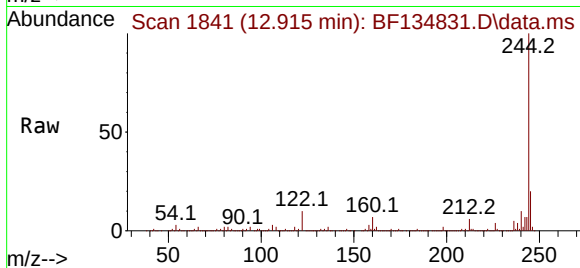
183 6.4 8.6 13.0#



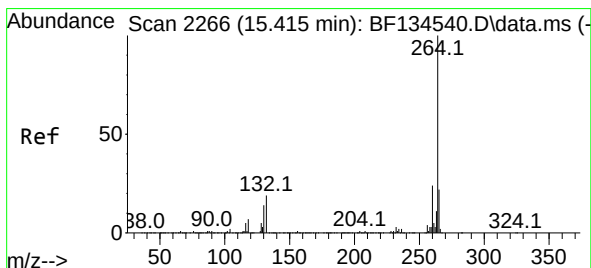
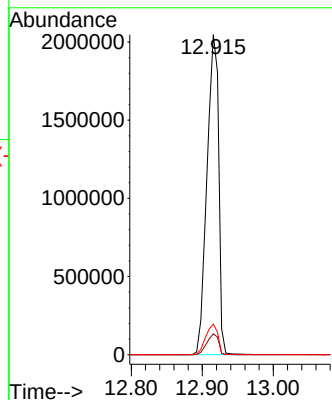
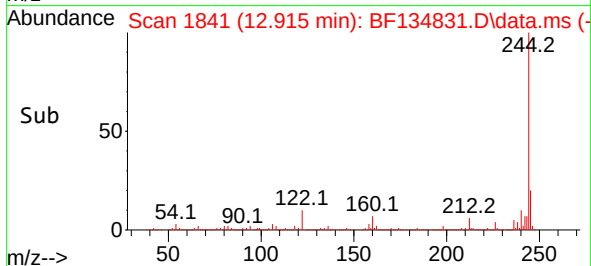


#79
 Terphenyl-d14
 Concen: 114.658 ng
 RT: 12.915 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF134831.D
 Acq: 18 Aug 2023 09:23

Instrument :
 BNA_F
 ClientSampleId :
 PB154882BL



Tgt Ion:244 Resp: 2346553
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134831.D
 Acq: 18 Aug 2023 09:23

Tgt Ion:264 Resp: 373244
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 21.7 15.8 23.8

