

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134840.D
 Acq On : 18 Aug 2023 14:57
 Operator : CG\JU
 Sample : PB154882BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154882BL

Quant Time: Aug 18 15:20:31 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)

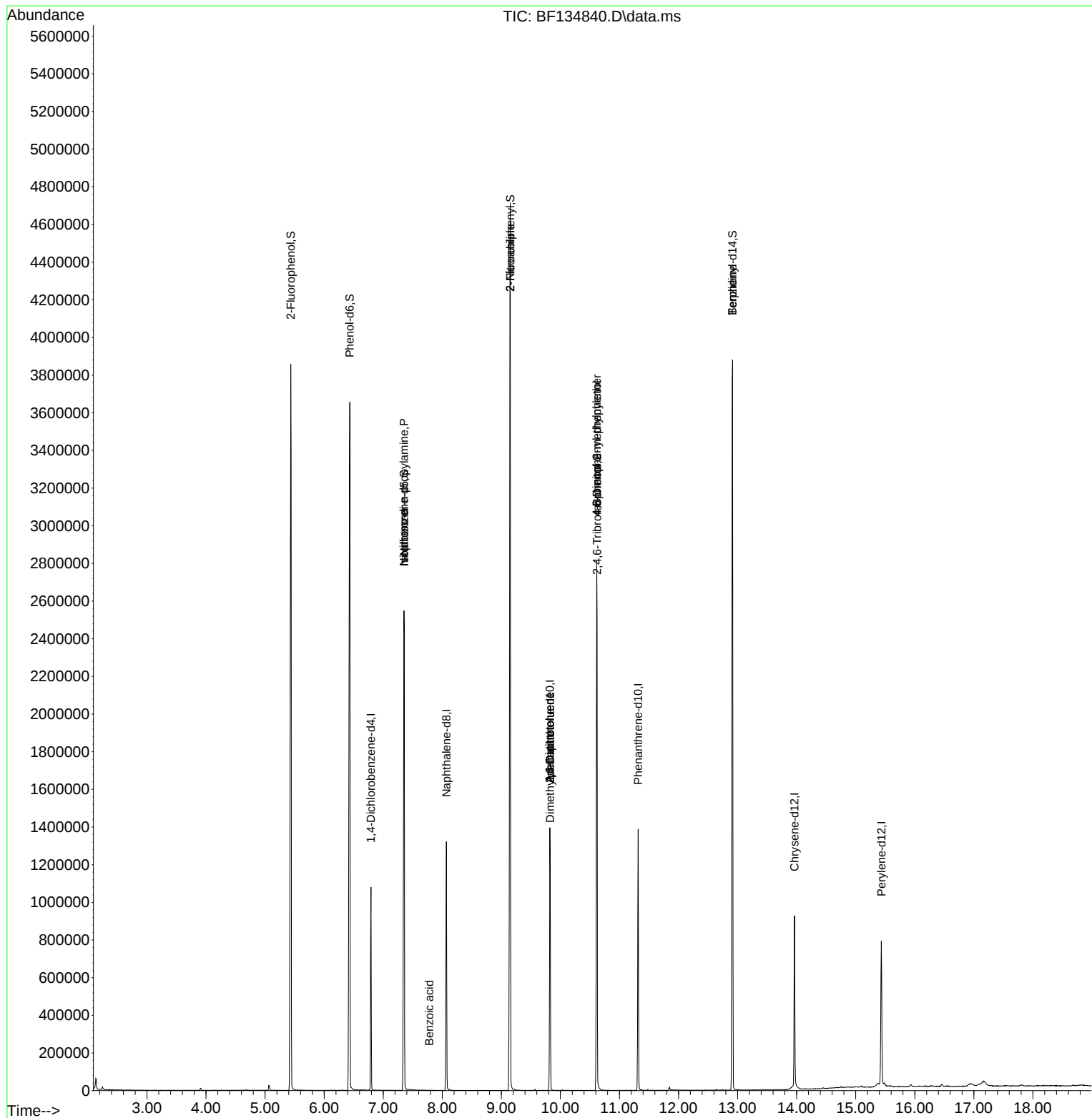
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	149078	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	587287	20.000	ng	#-0.01
39) Acenaphthene-d10	9.822	164	291489	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	486291	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	297325	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	354249	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1251017	127.562	ng	0.00
7) Phenol-d6	6.434	99	1536836	122.589	ng	0.00
23) Nitrobenzene-d5	7.351	82	989854	105.329	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	416828	140.277	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1676264	95.616	ng	-0.01
79) Terphenyl-d14	12.916	244	1528526	90.628	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.428	77	2304	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.351	70	133123	17.736	ng	# 71
25) Isophorone	7.351	82	978648	47.745	ng	# 65
32) Benzoic acid	7.781	122	58	7.875	ng	89
48) 2-Nitroaniline	9.151	65	2909	3.679	ng	# 1
50) Dimethylphthalate	9.828	163	60340	3.037	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	38186	11.389	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	38186	10.156	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	789	9.028	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	26024	4.889	ng	# 1
77) Benzidine	12.916	184	17816	2.760	ng	# 96

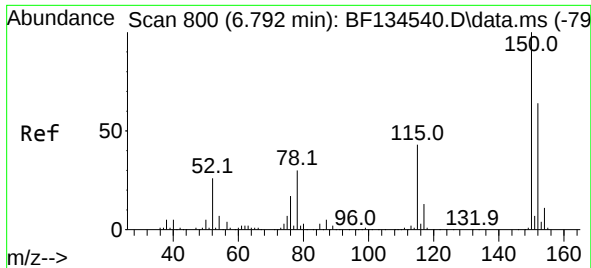
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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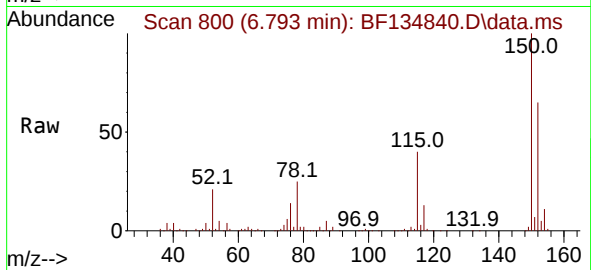
Quant Time: Aug 18 15:20:31 2023
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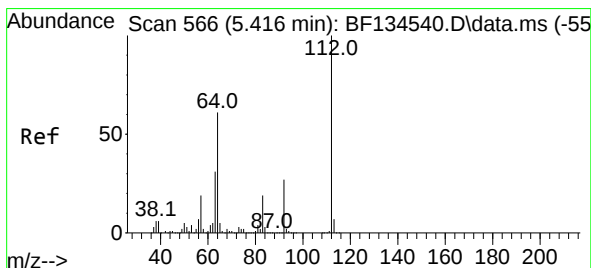
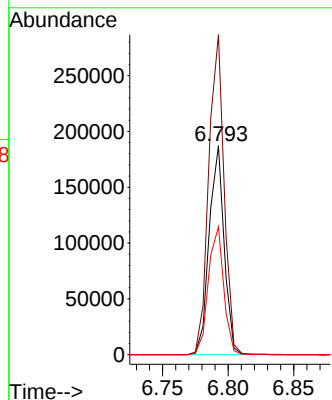
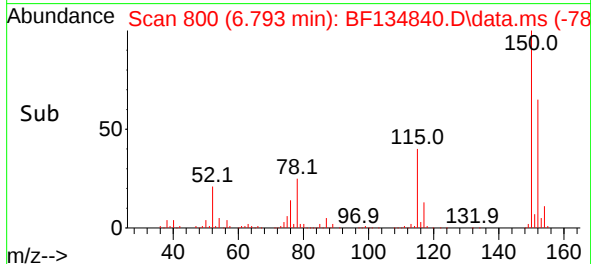


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF134840.D
Acq: 18 Aug 2023 14:57

Instrument :
BNA_F
ClientSampleId :
PB154882BL

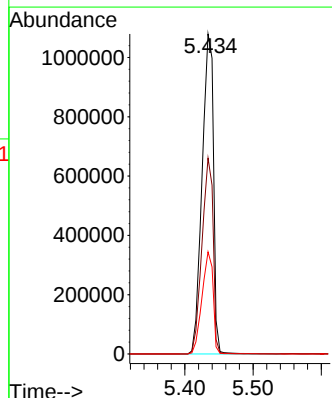
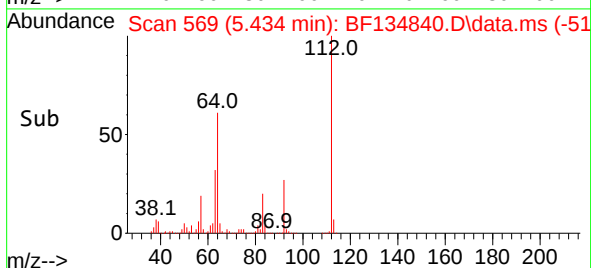
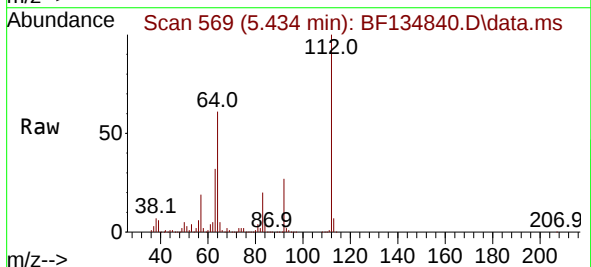


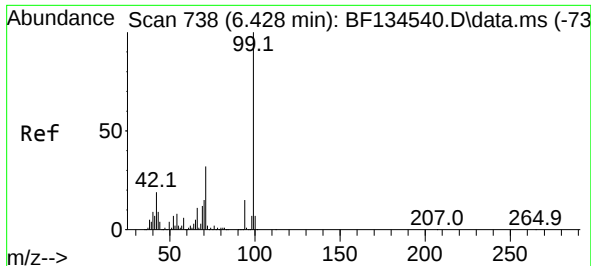
Tgt Ion:152 Resp: 149078
Ion Ratio Lower Upper
152 100
150 153.2 128.3 192.5
115 61.2 52.4 78.6



#5
2-Fluorophenol
Concen: 127.562 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134840.D
Acq: 18 Aug 2023 14:57

Tgt Ion:112 Resp: 1251017
Ion Ratio Lower Upper
112 100
64 61.2 44.9 67.3
63 31.9 25.4 38.0

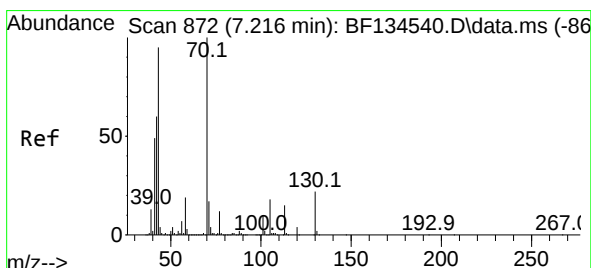
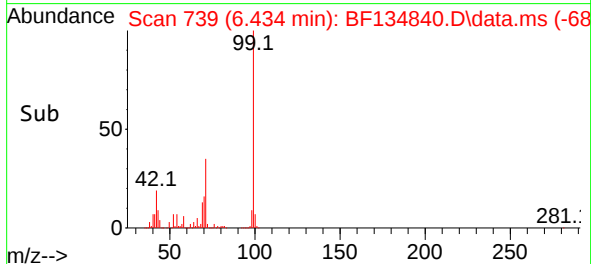
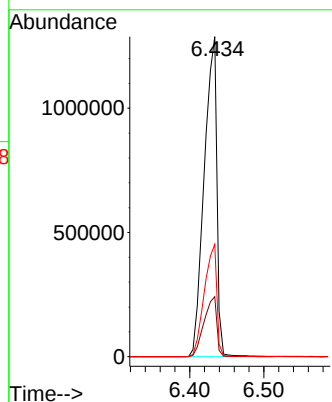
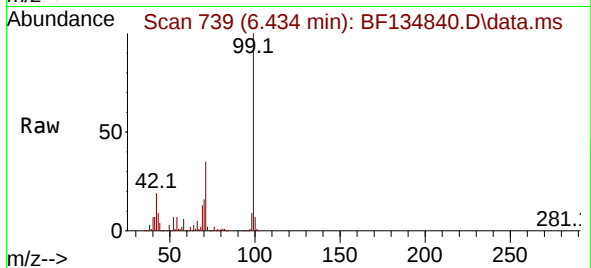




#7
Phenol-d6
Concen: 122.589 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134840.D
Acq: 18 Aug 2023 14:57

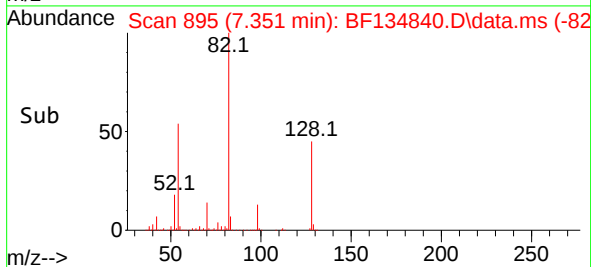
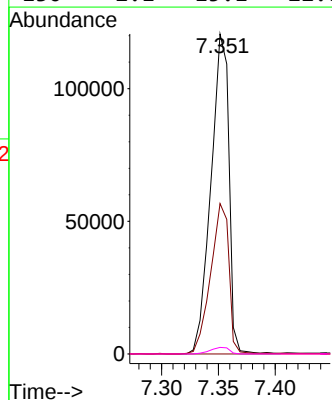
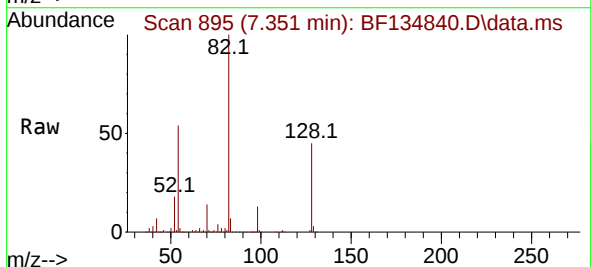
Instrument :
BNA_F
ClientSampleId :
PB154882BL

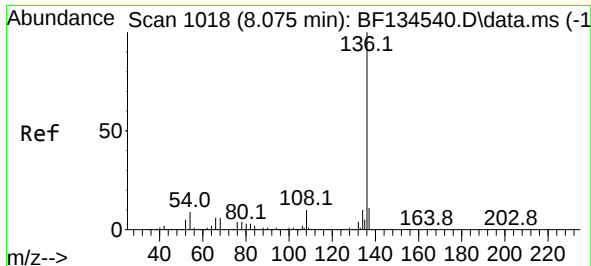
Tgt Ion: 99 Resp: 1536836
Ion Ratio Lower Upper
99 100
42 18.7 18.7 28.1
71 35.1 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 17.736 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.130 min
Lab File: BF134840.D
Acq: 18 Aug 2023 14:57

Tgt Ion: 70 Resp: 133123
Ion Ratio Lower Upper
70 100
42 47.0 54.7 82.1#
101 0.0 8.2 12.2#
130 2.1 15.1 22.7#

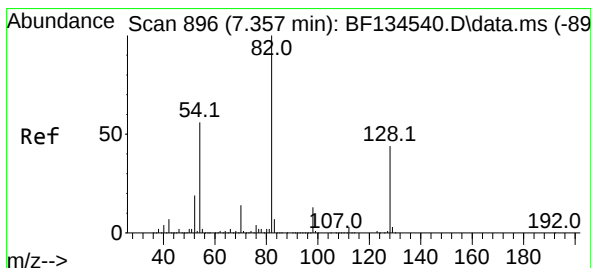
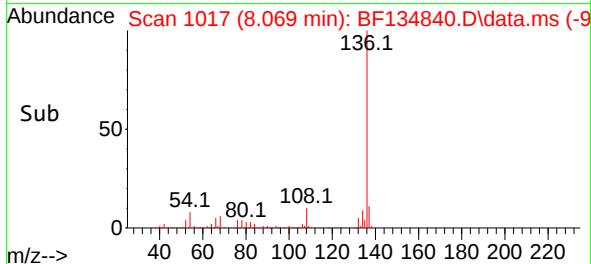
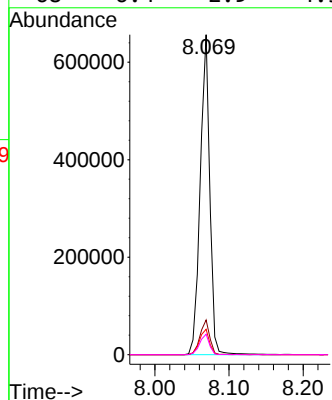
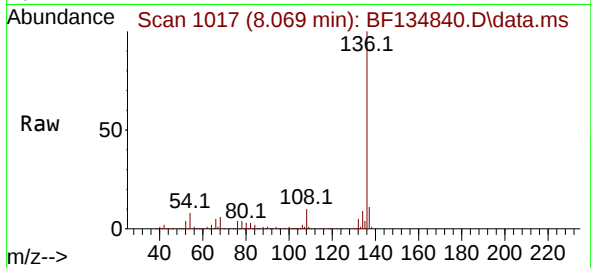




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134840.D
Acq: 18 Aug 2023 14:57

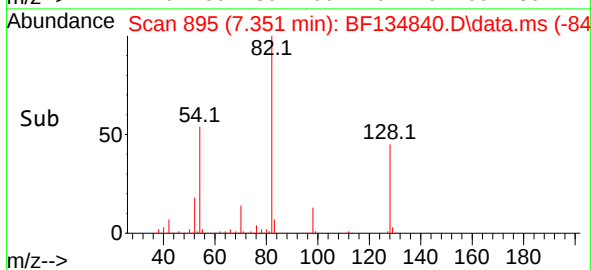
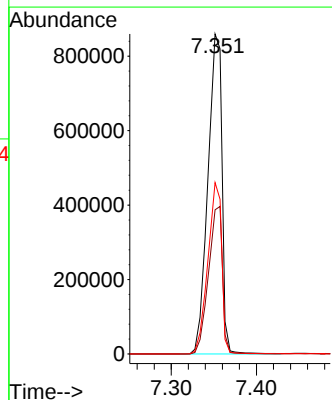
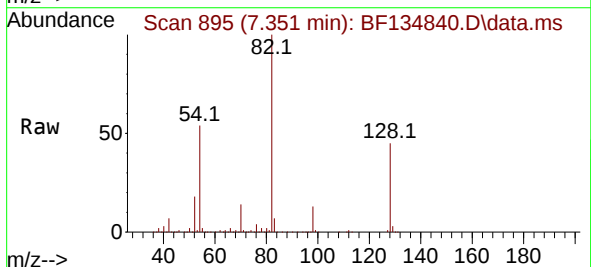
Instrument :
BNA_F
ClientSampleId :
PB154882BL

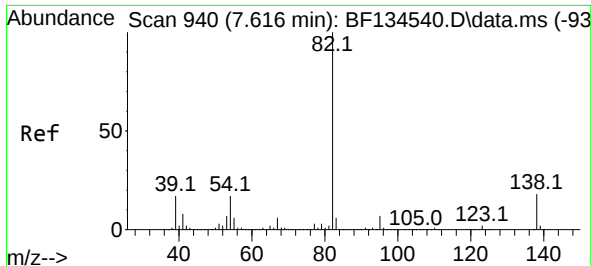
Tgt Ion:136 Resp: 587287
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.0 5.2 7.8#
68 6.4 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 105.329 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.017 min
Lab File: BF134840.D
Acq: 18 Aug 2023 14:57

Tgt Ion: 82 Resp: 989854
Ion Ratio Lower Upper
82 100
128 45.0 34.3 51.5
54 53.5 43.8 65.6

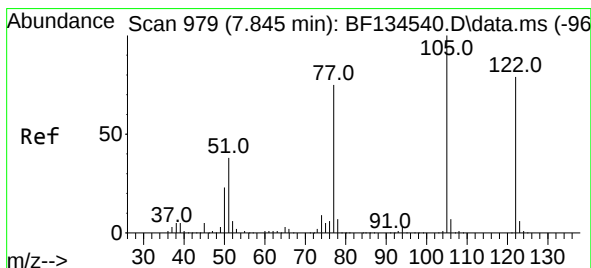
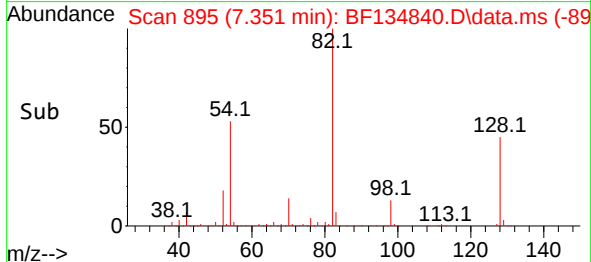
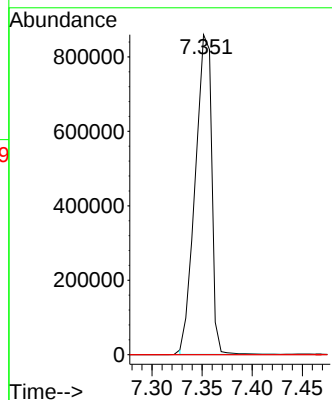
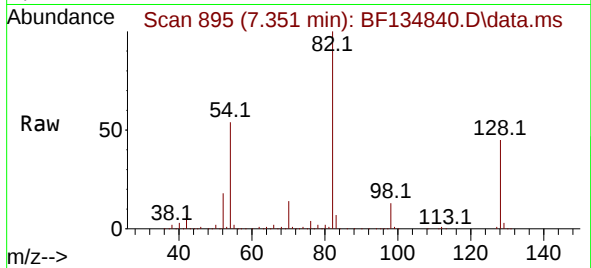




#25
Isophorone
Concen: 47.745 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF134840.D
Acq: 18 Aug 2023 14:57

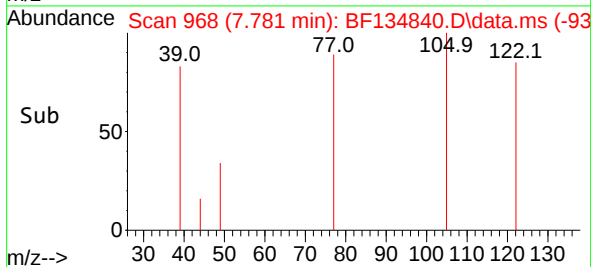
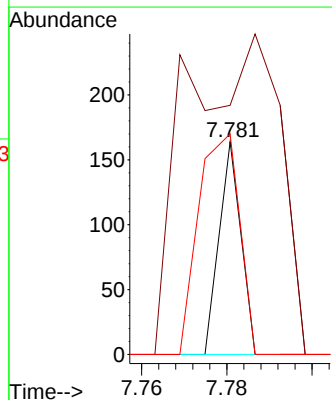
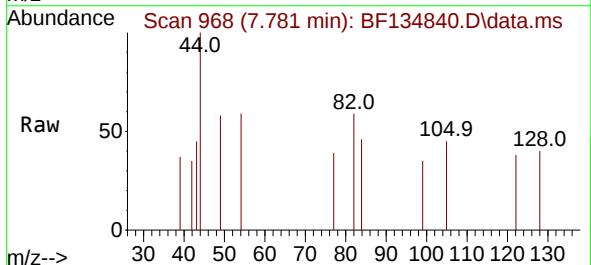
Instrument :
BNA_F
ClientSampleId :
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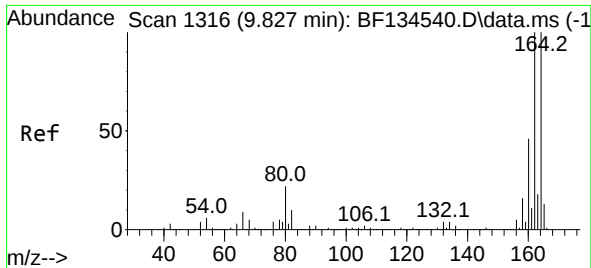
Tgt Ion: 82 Resp: 978648
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.875 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.082 min
Lab File: BF134840.D
Acq: 18 Aug 2023 14:57

Tgt Ion: 122 Resp: 58
Ion Ratio Lower Upper
122 100
105 117.1 87.5 127.5
77 103.7 71.4 111.4

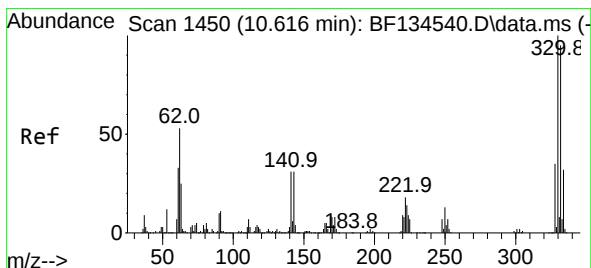
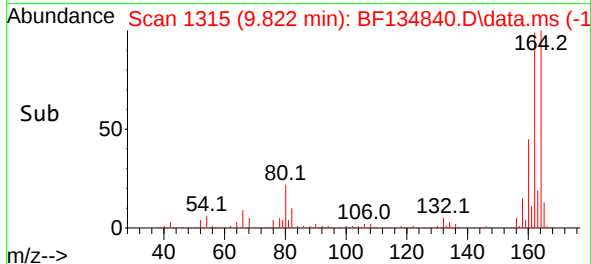
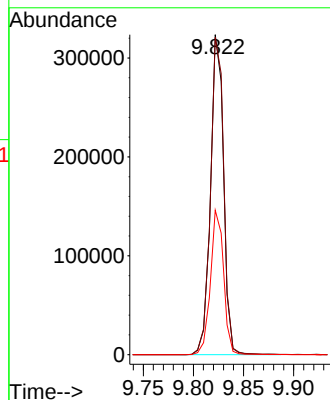
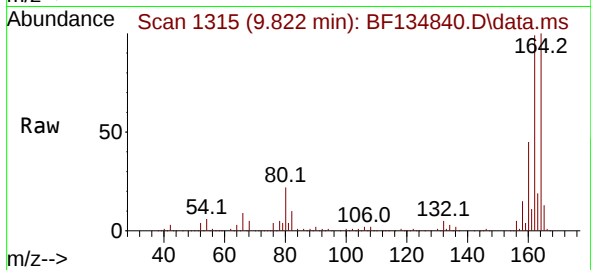




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134840.D
Acq: 18 Aug 2023 14:57

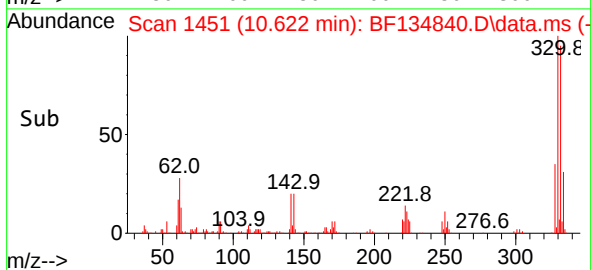
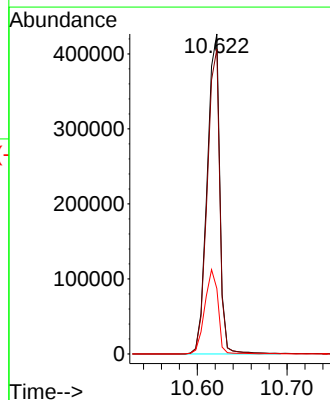
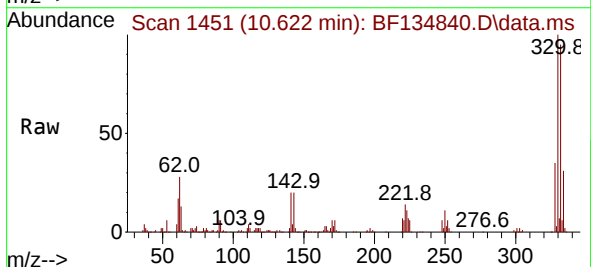
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BNA_F
ClientSampleId :
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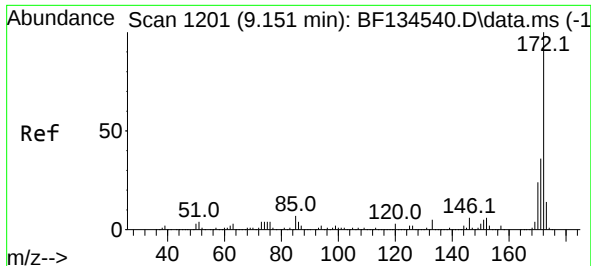
Tgt Ion:164 Resp: 291489
Ion Ratio Lower Upper
164 100
162 99.1 82.6 123.8
160 45.2 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 140.277 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF134840.D
Acq: 18 Aug 2023 14:57

Tgt Ion:330 Resp: 416828
Ion Ratio Lower Upper
330 100
332 95.2 78.8 118.2
141 27.7 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 95.616 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF134840.D

Acq: 18 Aug 2023 14:57

Instrument :

BNA_F

ClientSampleId :

PB154882BL

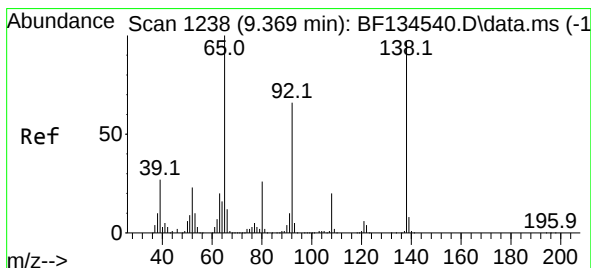
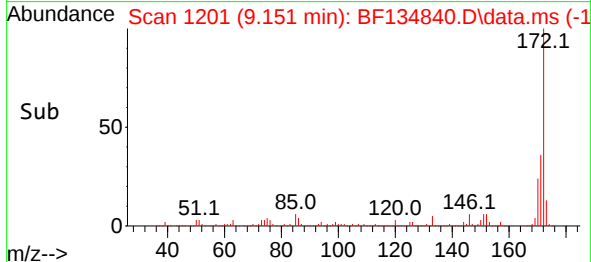
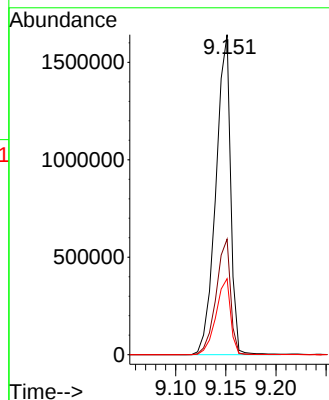
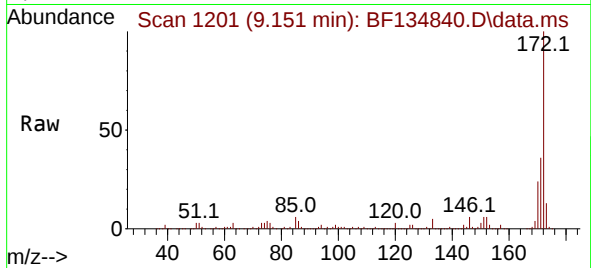
Tgt Ion:172 Resp: 1676264

Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.8 18.7 28.1



#48

2-Nitroaniline

Concen: 3.679 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.229 min

Lab File: BF134840.D

Acq: 18 Aug 2023 14:57

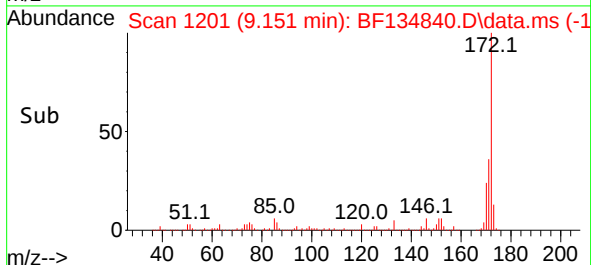
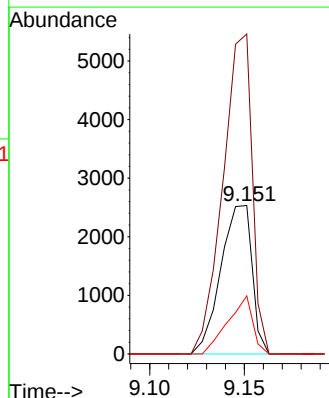
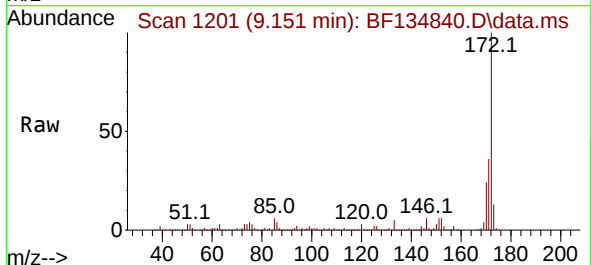
Tgt Ion: 65 Resp: 2909

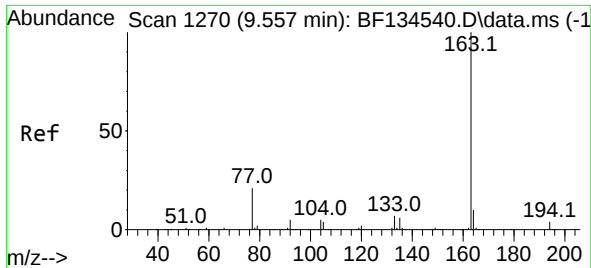
Ion Ratio Lower Upper

65 100

92 215.5 50.7 76.1#

138 39.1 78.2 117.4#

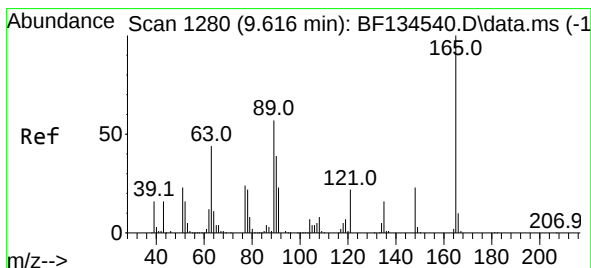
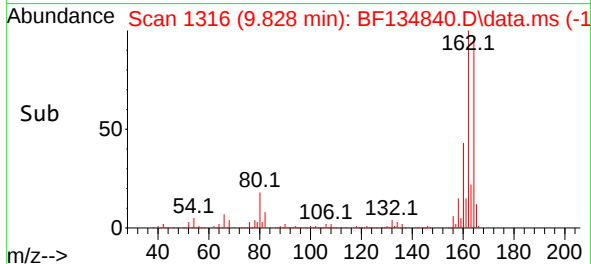
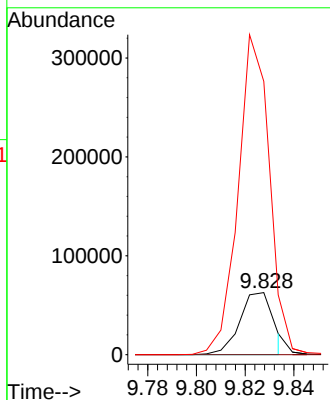
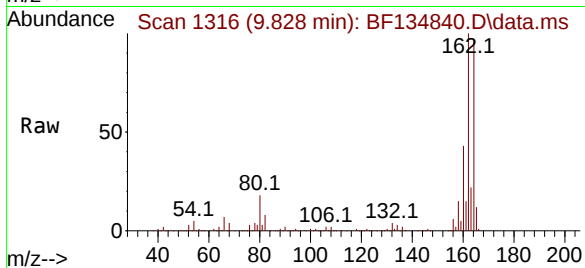




#50
Dimethylphthalate
Concen: 3.037 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF134840.D
Acq: 18 Aug 2023 14:57

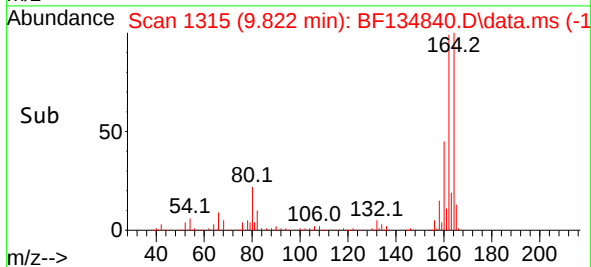
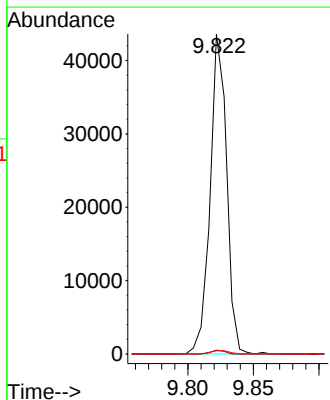
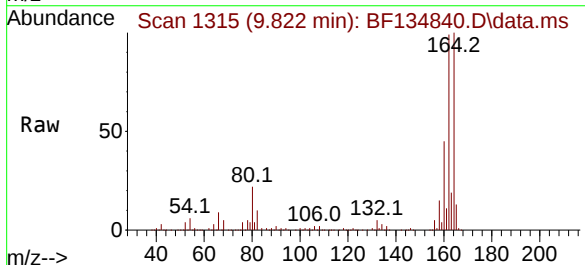
Instrument :
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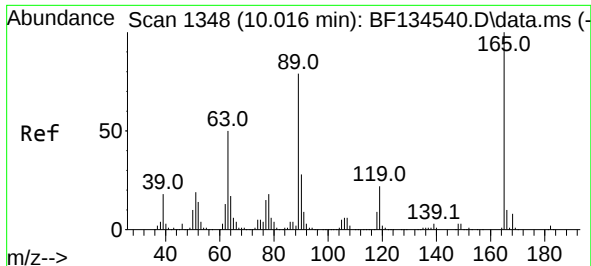
Tgt Ion:163 Resp: 60340
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 440.5 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.389 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.194 min
Lab File: BF134840.D
Acq: 18 Aug 2023 14:57

Tgt Ion:165 Resp: 38186
Ion Ratio Lower Upper
165 100
63 1.2 57.8 86.6#
89 1.0 51.8 77.8#

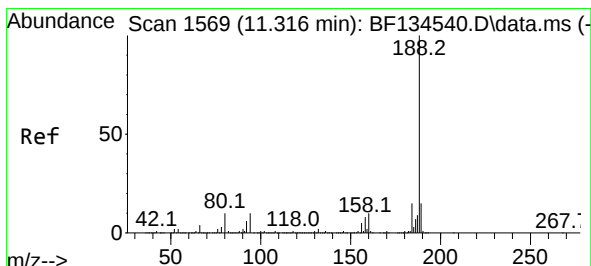
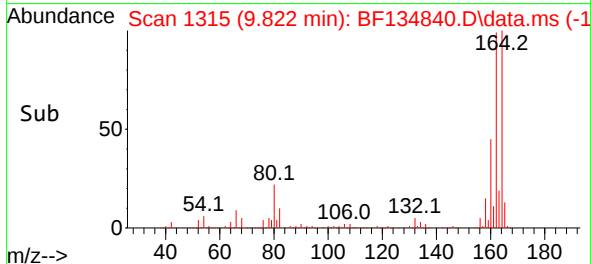
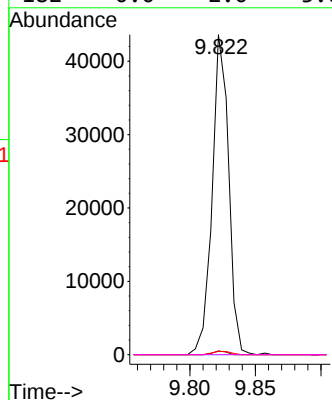
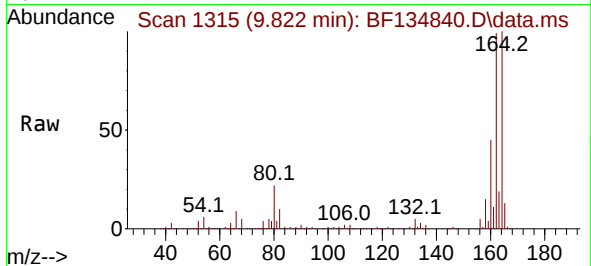




#57
2,4-Dinitrotoluene
Concen: 10.156 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134840.D
Acq: 18 Aug 2023 14:57

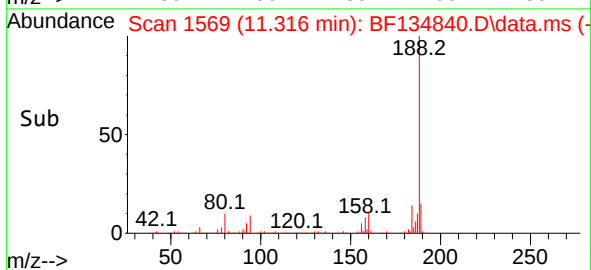
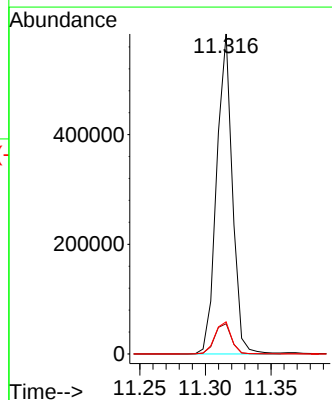
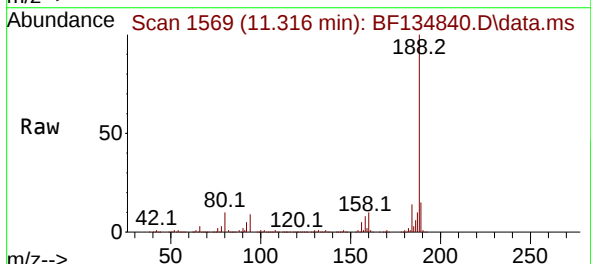
Instrument :
BNA_F
ClientSampleId :
PB154882BL

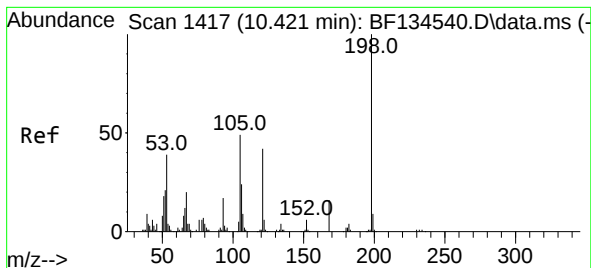
Tgt Ion:165	Resp:	38186
Ion Ratio	Lower	Upper
165	100	
63	1.2	48.9 73.3#
89	1.0	61.7 92.5#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134840.D
Acq: 18 Aug 2023 14:57

Tgt Ion:188	Resp:	486291
Ion Ratio	Lower	Upper
188	100	
94	9.4	5.1 7.7#
80	10.1	6.6 9.8#

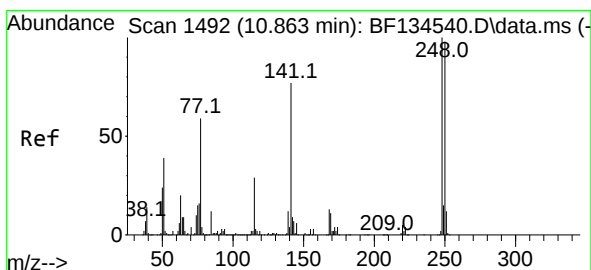
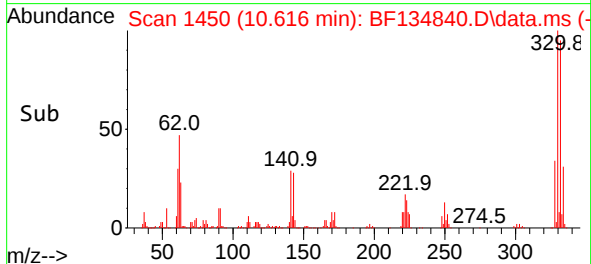
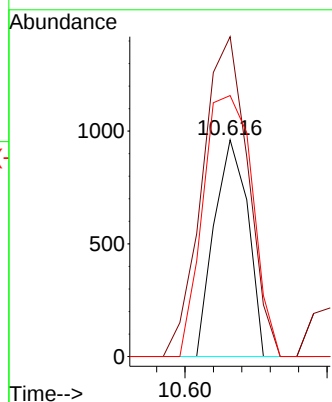
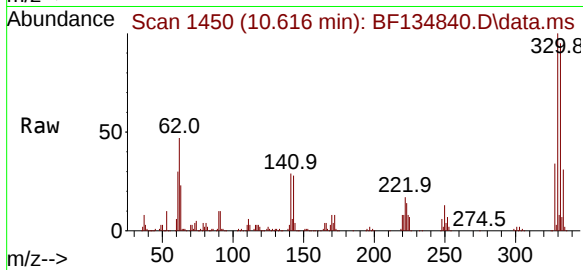




#65
4,6-Dinitro-2-methylphenol
Concen: 9.028 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.177 min
Lab File: BF134840.D
Acq: 18 Aug 2023 14:57

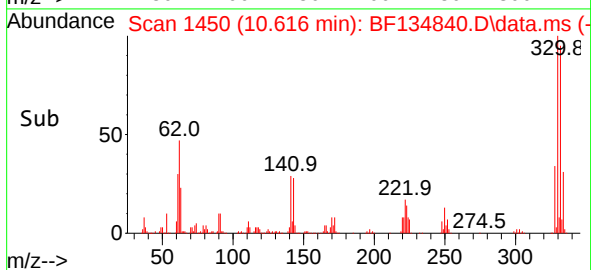
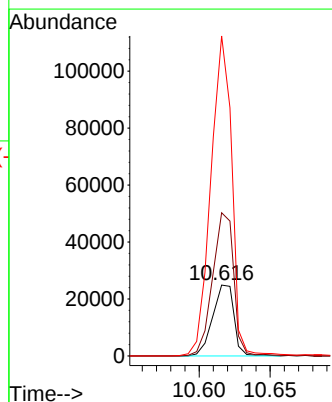
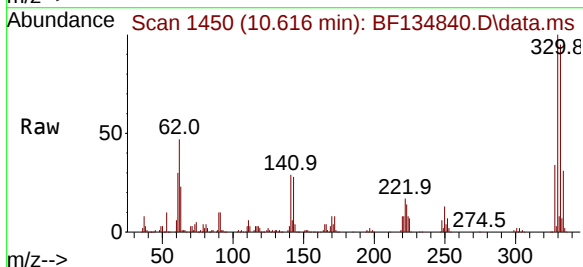
Instrument :
BNA_F
ClientSampleId :
PB154882BL

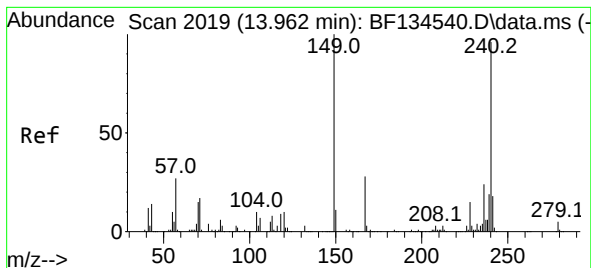
Tgt Ion:198 Resp: 789
Ion Ratio Lower Upper
198 100
51 147.7 38.6 78.6#
105 120.5 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 4.889 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF134840.D
Acq: 18 Aug 2023 14:57

Tgt Ion:248 Resp: 26024
Ion Ratio Lower Upper
248 100
250 201.8 79.6 119.4#
141 451.1 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF134840.D

Acq: 18 Aug 2023 14:57

Instrument :

BNA_F

ClientSampleId :

PB154882BL

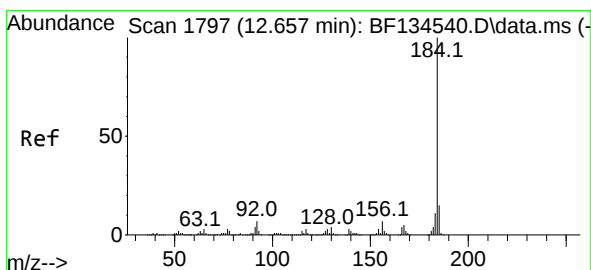
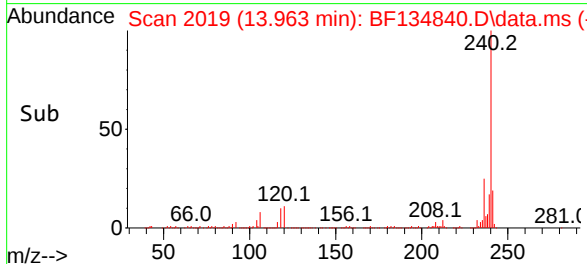
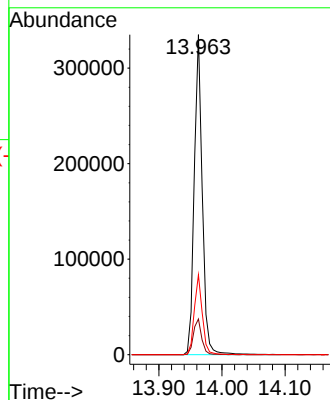
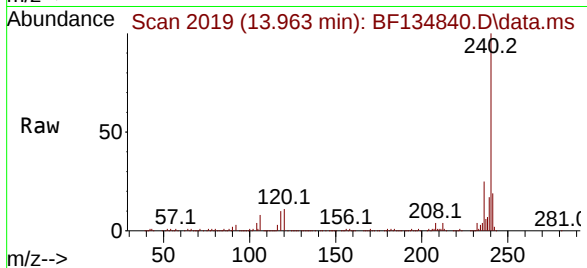
Tgt Ion:240 Resp: 297325

Ion Ratio Lower Upper

240 100

120 11.1 6.6 10.0#

236 25.0 20.2 30.2



#77

Benzidine

Concen: 2.760 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.253 min

Lab File: BF134840.D

Acq: 18 Aug 2023 14:57

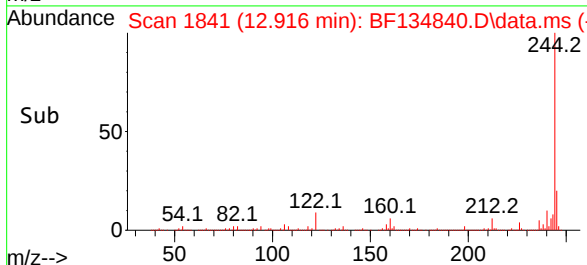
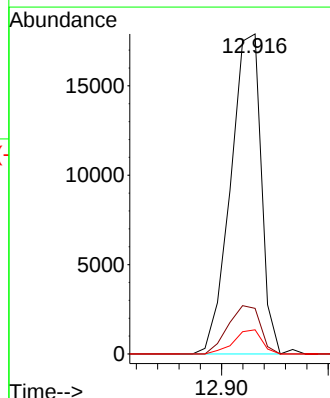
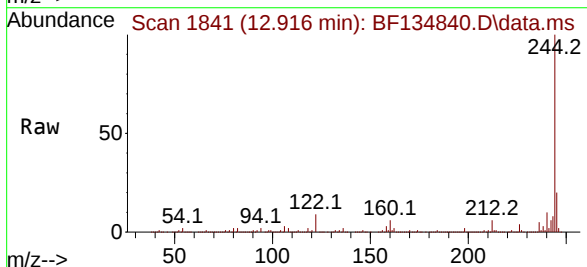
Tgt Ion:184 Resp: 17816

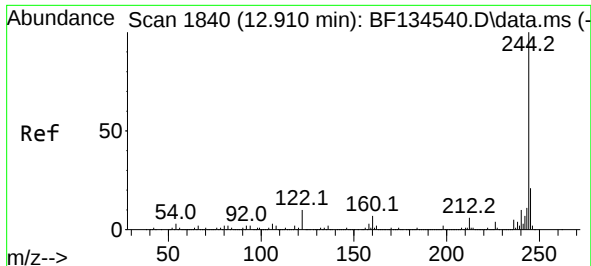
Ion Ratio Lower Upper

184 100

185 14.2 11.2 16.8

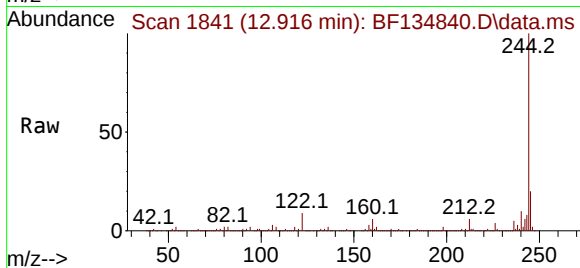
183 7.6 8.6 13.0#



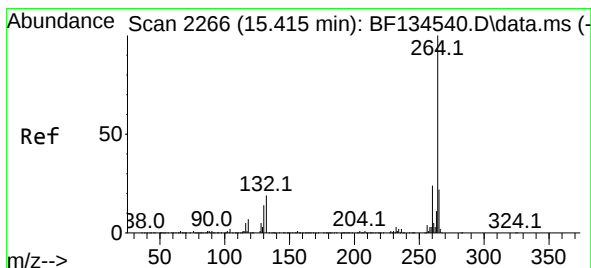
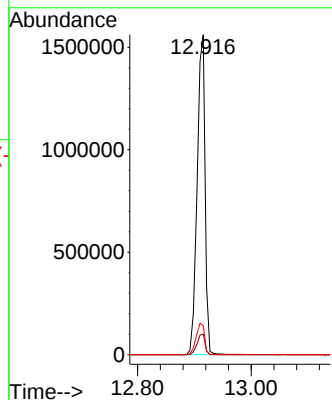
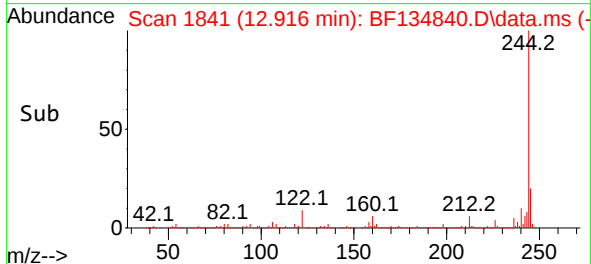


#79
 Terphenyl-d14
 Concen: 90.628 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF134840.D
 Acq: 18 Aug 2023 14:57

Instrument :
 BNA_F
 ClientSampleId :
 PB154882BL



Tgt Ion:244 Resp: 1528526
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 9.1 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: BF134840.D
 Acq: 18 Aug 2023 14:57

Tgt Ion:264 Resp: 354249
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 21.6 15.8 23.8

