

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134549.D
 Acq On : 01 Aug 2023 15:37
 Operator : CG\JU
 Sample : 03810-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P7B

Quant Time: Aug 02 02:43:50 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)

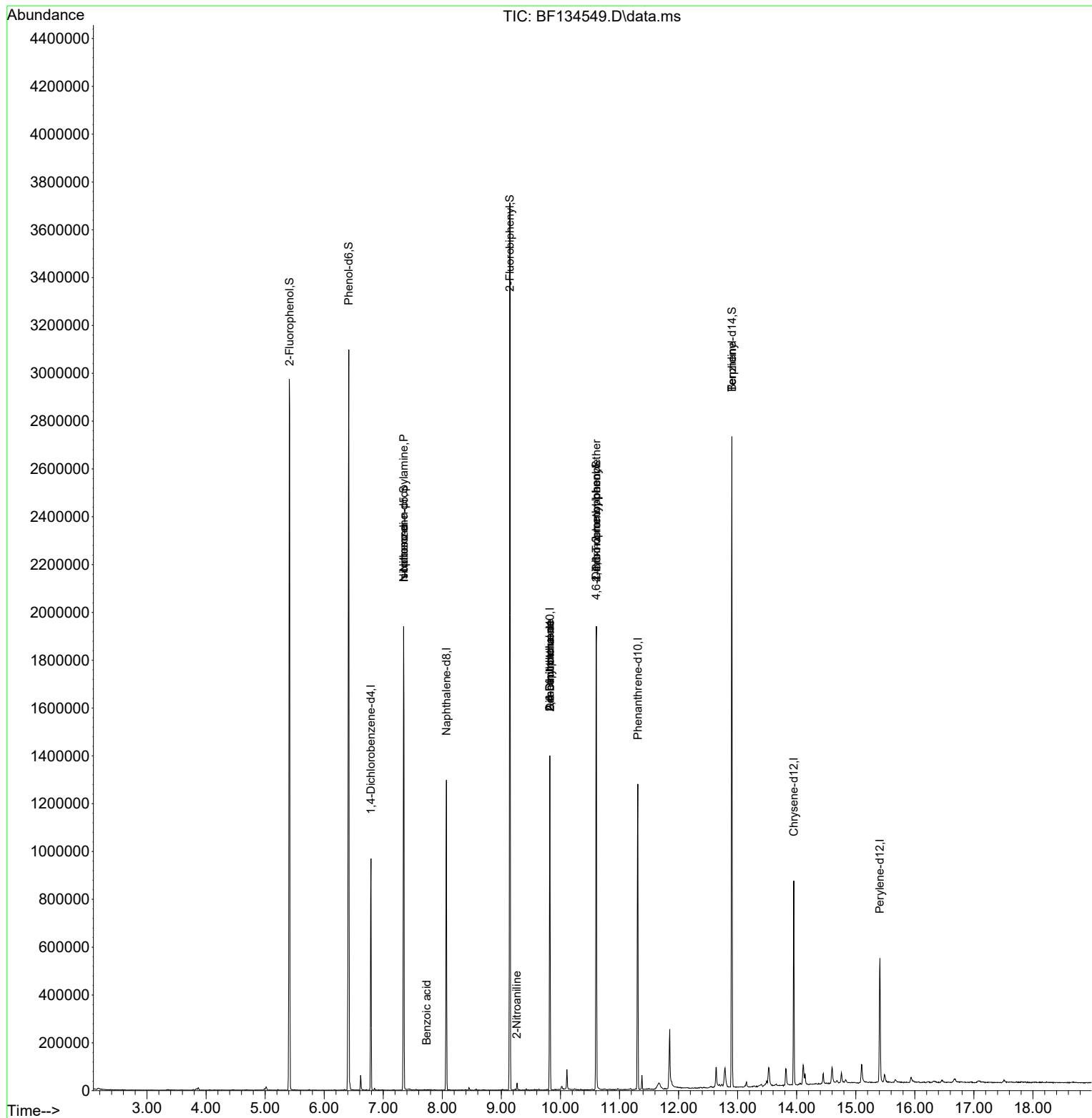
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	128279	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	509412	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	244974	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	437346	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	252209	20.000	ng	#-0.01
86) Perylene-d12	15.410	264	230675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	840518	99.601	ng	0.00
7) Phenol-d6	6.416	99	1044802	96.853	ng	-0.01
23) Nitrobenzene-d5	7.345	82	573934	70.408	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	226946	90.877	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1024079	69.507	ng	0.00
79) Terphenyl-d14	12.904	244	901121	62.986	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.340	77	87	Below Cal	#	50
19) n-Nitroso-di-n-propyla...	7.345	70	77228	11.957	ng	# 77
25) Isophorone	7.345	82	573850	32.276	ng	# 65
32) Benzoic acid	7.734	122	60	7.877	ng	# 39
48) 2-Nitroaniline	9.263	65	302	3.229	ng	# 8
50) Dimethylphthalate	9.822	163	49486	2.964	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	31217	11.146	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	31217	9.957	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.604	198	649	9.000	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	14505	3.030	ng	# 1
77) Benzidine	12.904	184	11447	2.091	ng	# 92

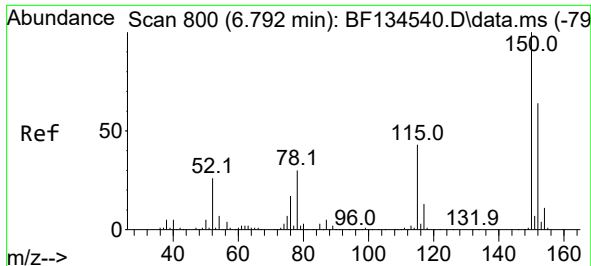
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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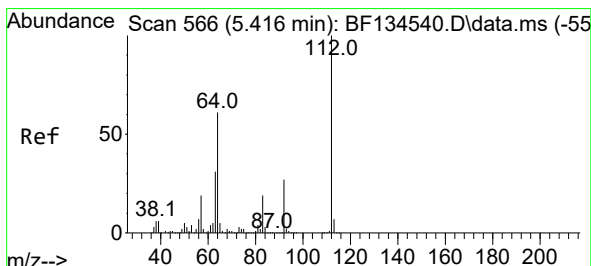
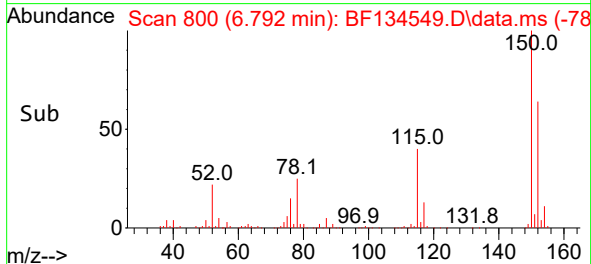
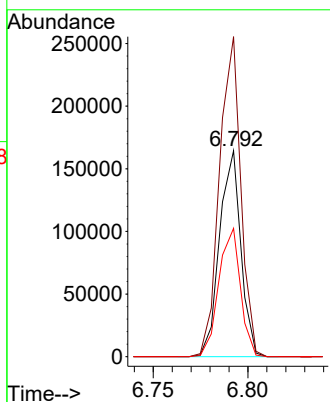
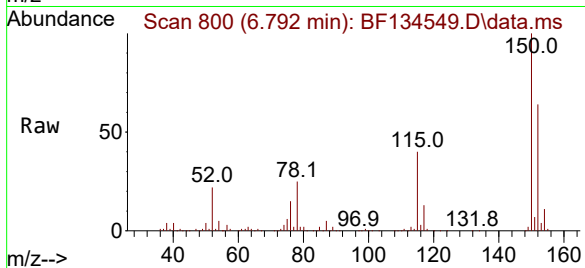




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

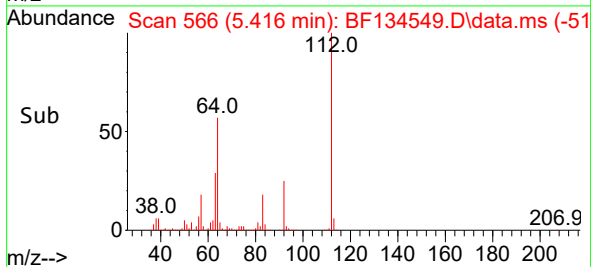
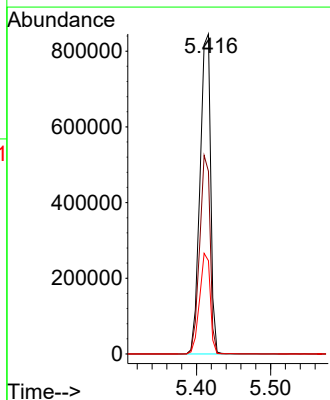
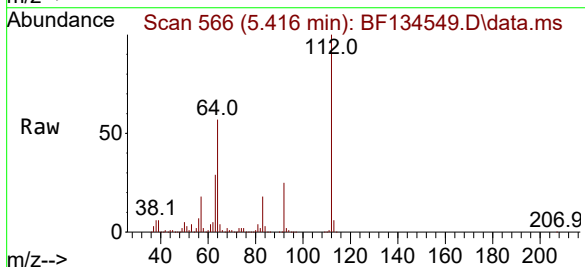
Instrument :
BNA_F
ClientSampleId :
B-P7B

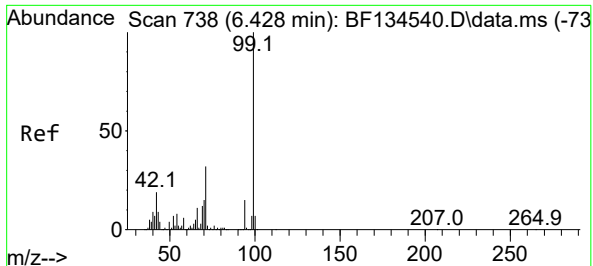
Tgt Ion:152 Resp: 128279
Ion Ratio Lower Upper
152 100
150 155.4 128.3 192.5
115 62.3 52.4 78.6



#5
2-Fluorophenol
Concen: 99.601 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

Tgt Ion:112 Resp: 840518
Ion Ratio Lower Upper
112 100
64 57.1 44.9 67.3
63 29.1 25.4 38.0

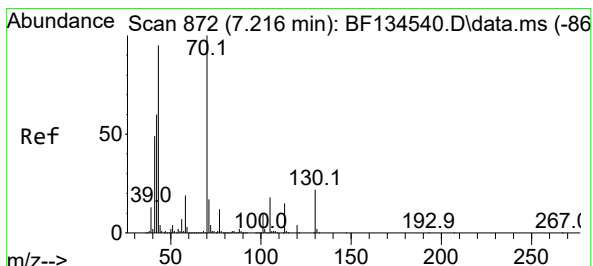
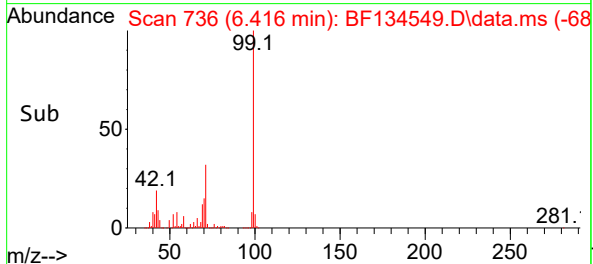
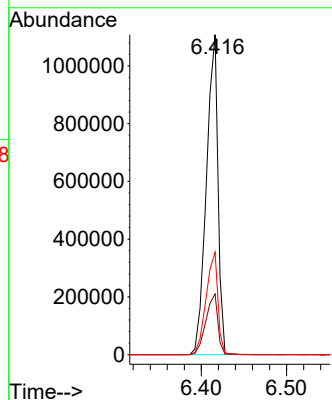
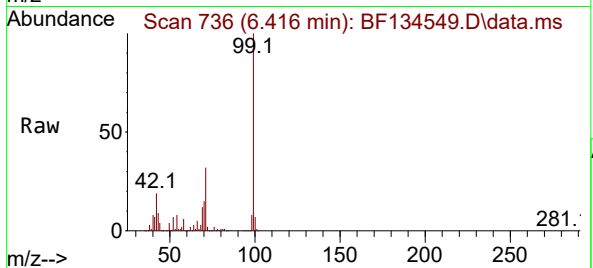




#7
Phenol-d6
Concen: 96.853 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

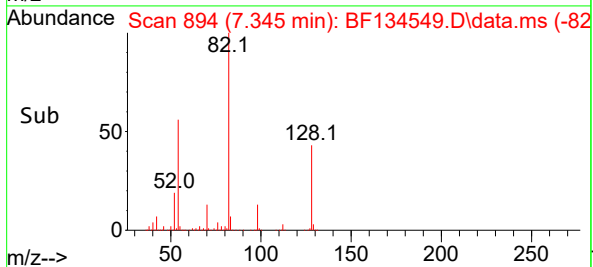
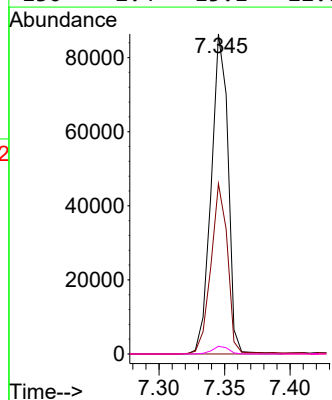
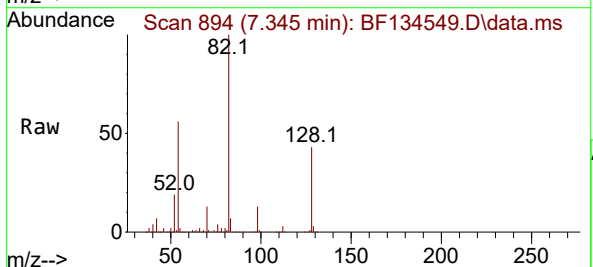
Instrument :
BNA_F
ClientSampleId :
B-P7B

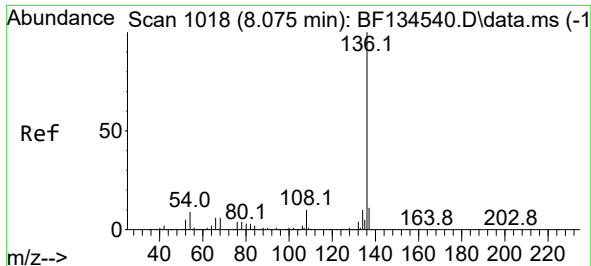
Tgt Ion: 99 Resp: 1044802
Ion Ratio Lower Upper
99 100
42 19.0 18.7 28.1
71 32.0 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 11.957 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.130 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

Tgt Ion: 70 Resp: 77228
Ion Ratio Lower Upper
70 100
42 53.2 54.7 82.1#
101 0.0 8.2 12.2#
130 2.4 15.1 22.7#

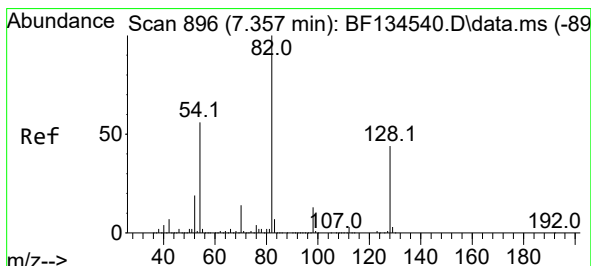
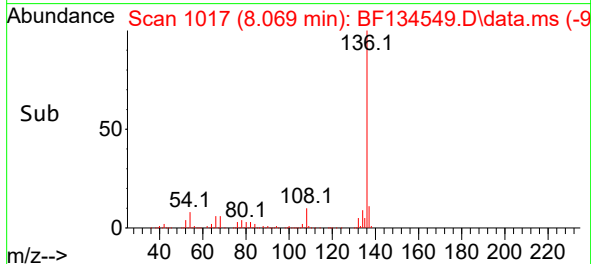
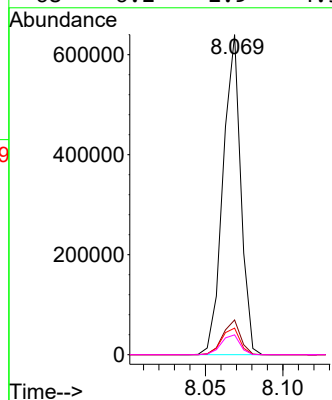
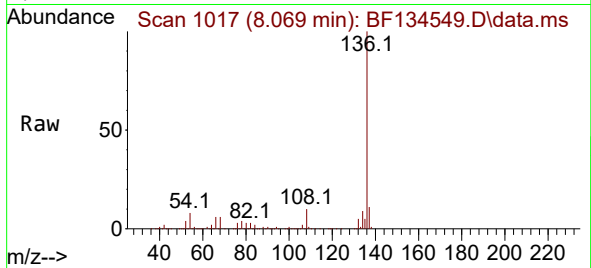




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

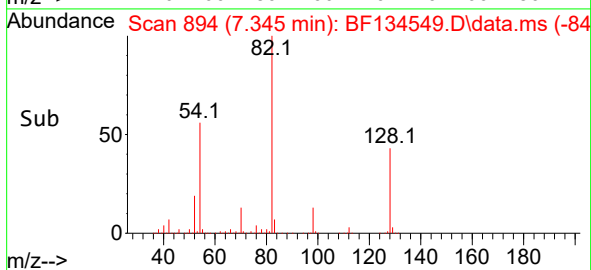
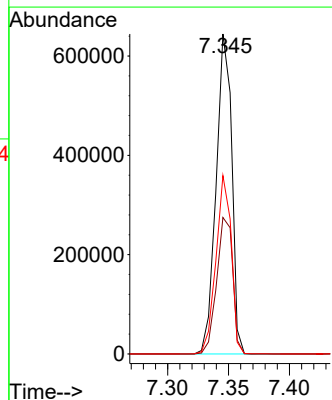
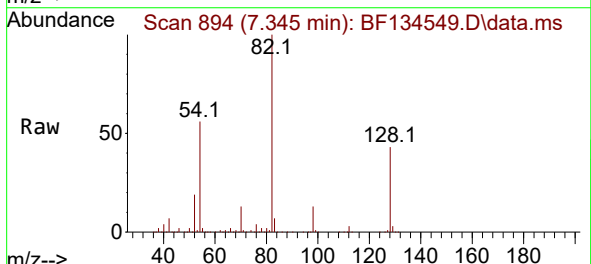
Instrument :
BNA_F
ClientSampleId :
B-P7B

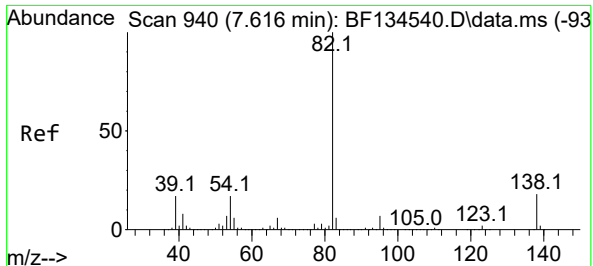
Tgt Ion:136 Resp: 509412
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.3 5.2 7.8#
68 6.2 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 70.408 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

Tgt Ion: 82 Resp: 573934
Ion Ratio Lower Upper
82 100
128 42.6 34.3 51.5
54 55.7 43.8 65.6

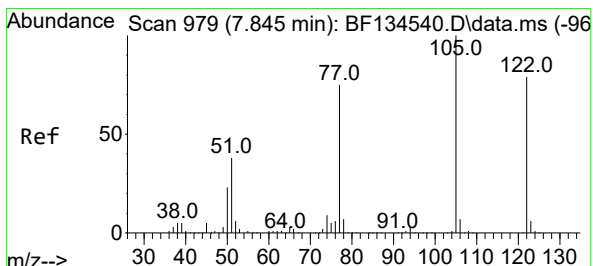
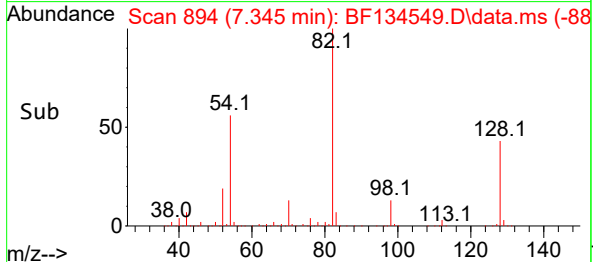
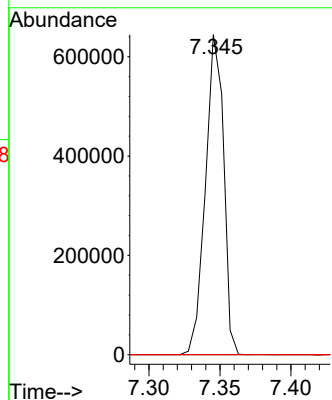
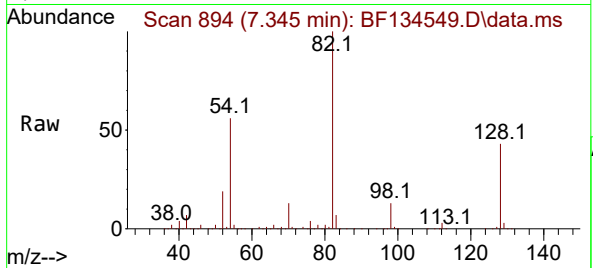




#25
Isophorone
Concen: 32.276 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

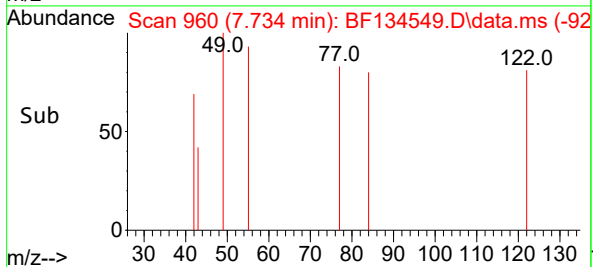
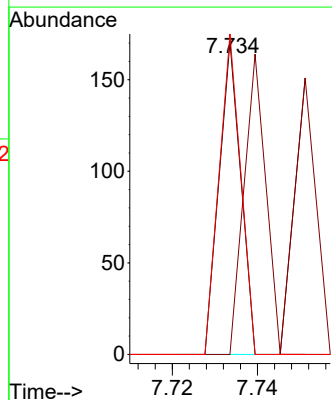
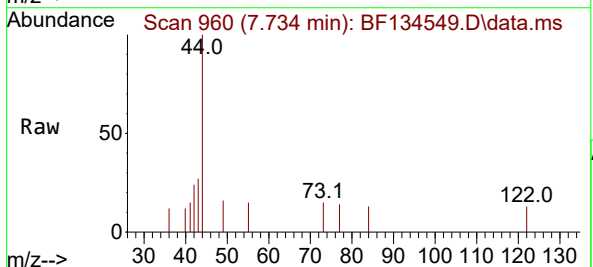
Instrument :
BNA_F
ClientSampleId :
B-P7B

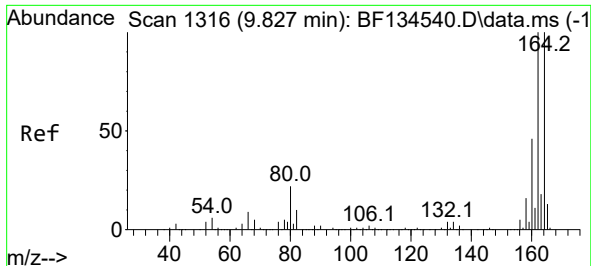
Tgt Ion: 82 Resp: 573850
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.877 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.111 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

Tgt Ion: 122 Resp: 60
Ion Ratio Lower Upper
122 100
105 0.0 87.5 127.5#
77 102.3 71.4 111.4

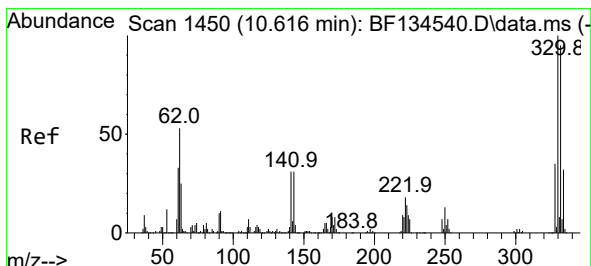
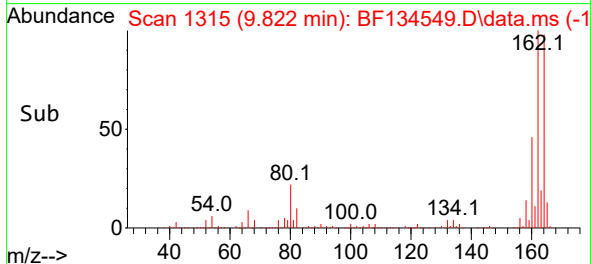
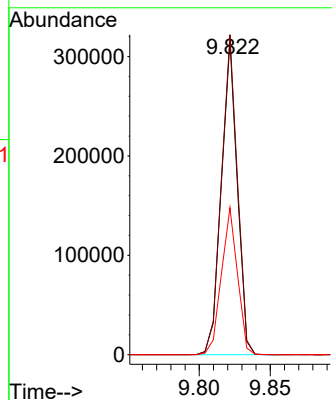
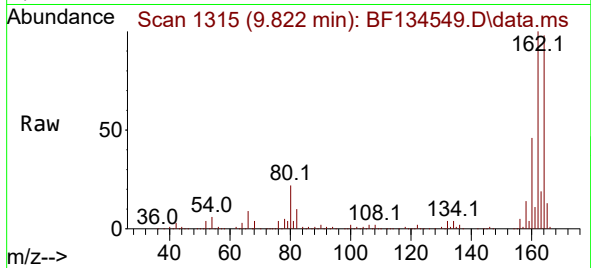




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

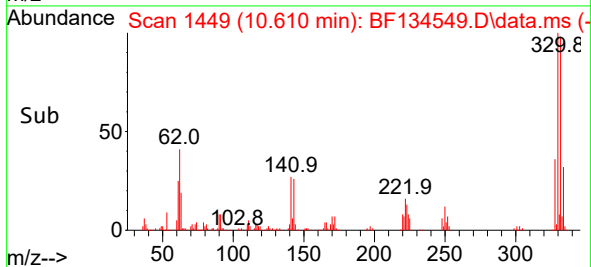
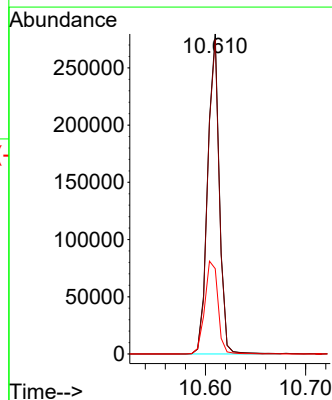
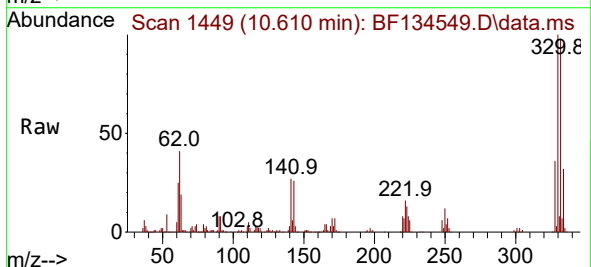
Instrument :
BNA_F
ClientSampleId :
B-P7B

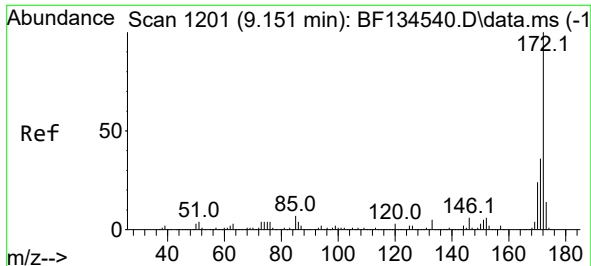
Tgt Ion:164 Resp: 244974
Ion Ratio Lower Upper
164 100
162 101.8 82.6 123.8
160 46.8 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 90.877 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

Tgt Ion:330 Resp: 226946
Ion Ratio Lower Upper
330 100
332 97.9 78.8 118.2
141 32.8 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 69.507 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134549.D

Acq: 01 Aug 2023 15:37

Instrument :

BNA_F

ClientSampleId :

B-P7B

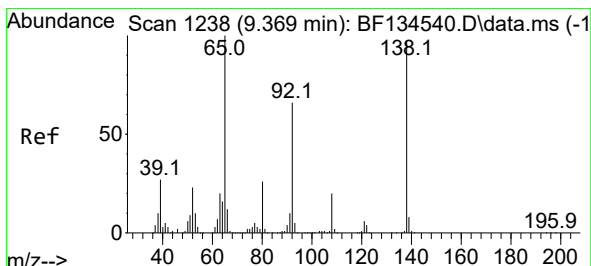
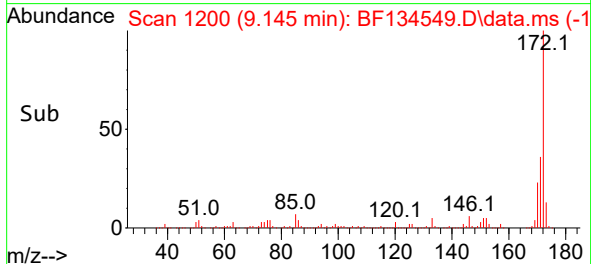
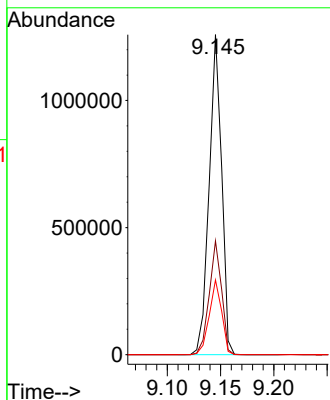
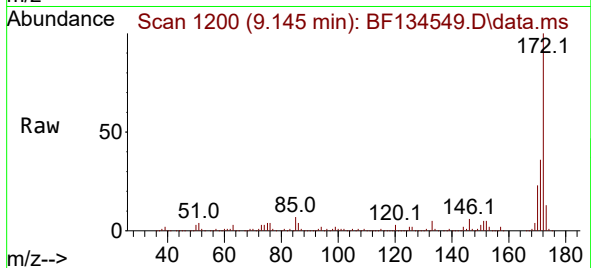
Tgt Ion:172 Resp: 1024079

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.3 18.7 28.1



#48

2-Nitroaniline

Concen: 3.229 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.106 min

Lab File: BF134549.D

Acq: 01 Aug 2023 15:37

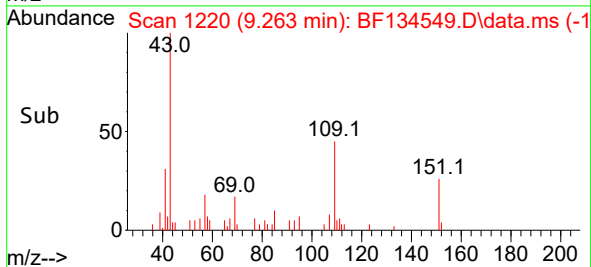
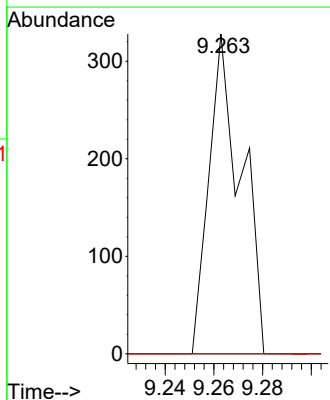
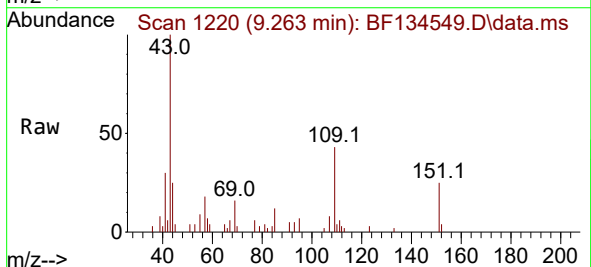
Tgt Ion: 65 Resp: 302

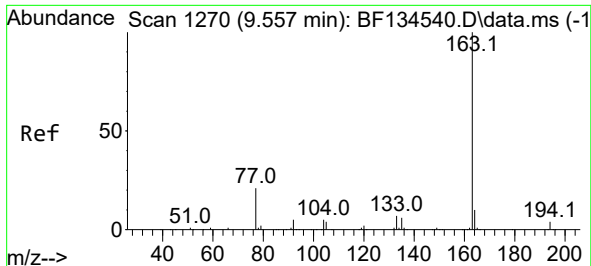
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

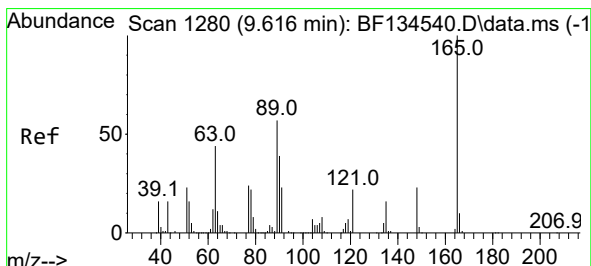
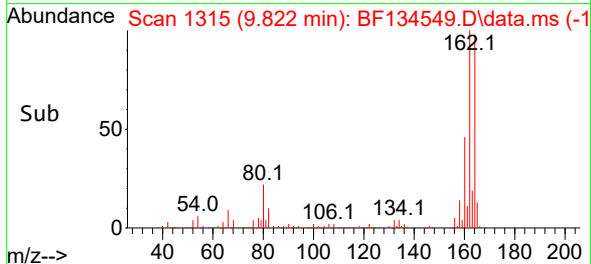
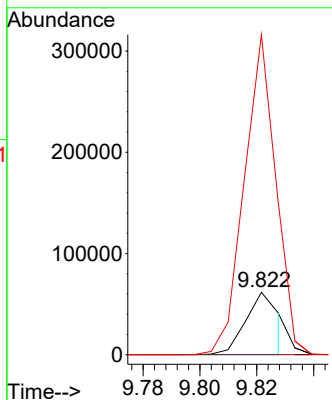
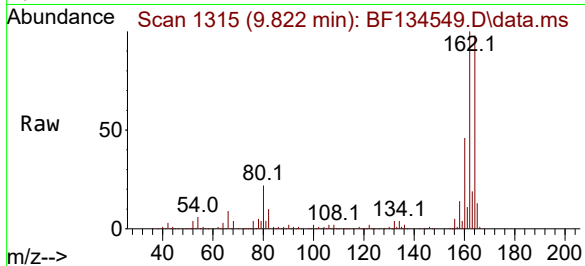




#50
Dimethylphthalate
Concen: 2.964 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

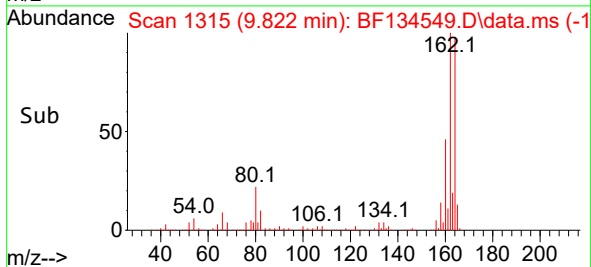
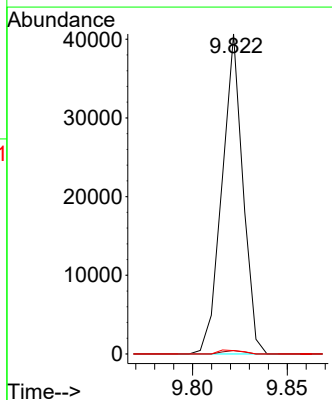
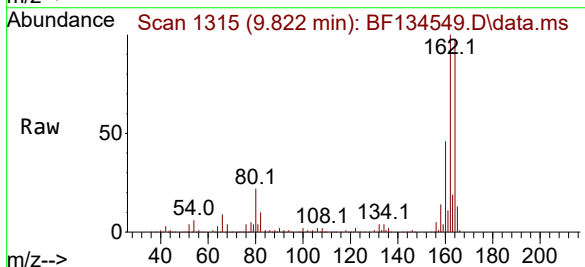
Instrument :
BNA_F
ClientSampleId :
B-P7B

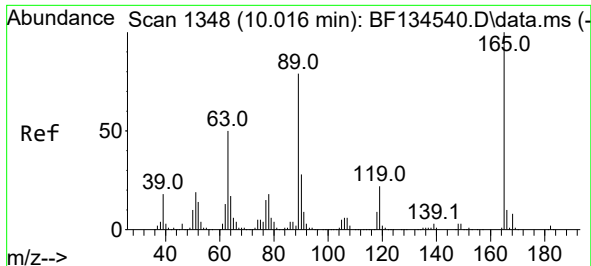
Tgt Ion:163 Resp: 49486
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 512.8 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.146 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

Tgt Ion:165 Resp: 31217
Ion Ratio Lower Upper
165 100
63 1.1 57.8 86.6#
89 1.1 51.8 77.8#

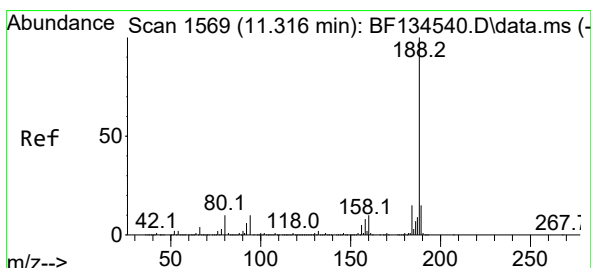
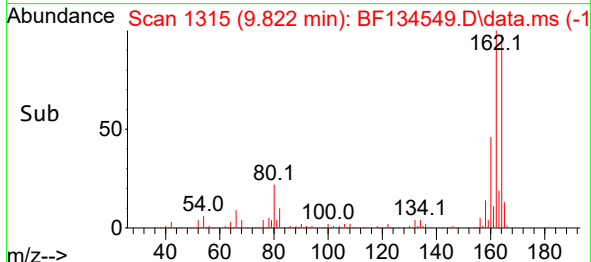
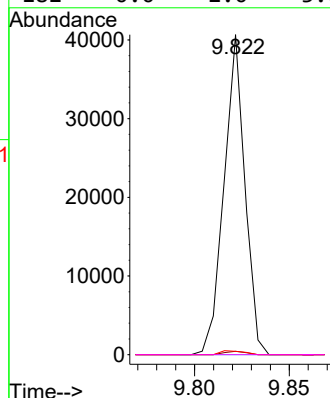
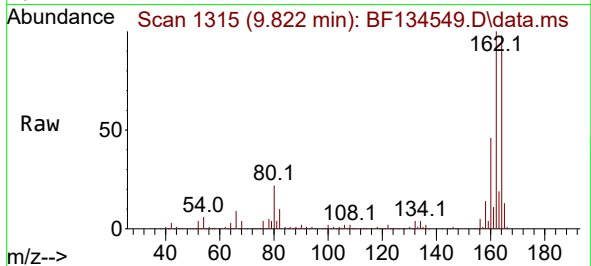




#57
2,4-Dinitrotoluene
Concen: 9.957 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

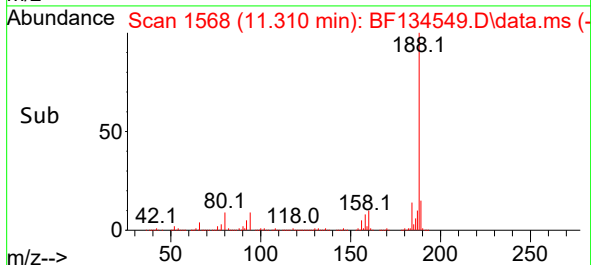
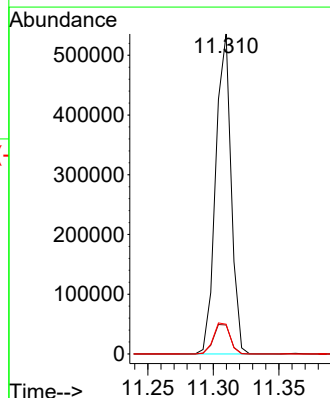
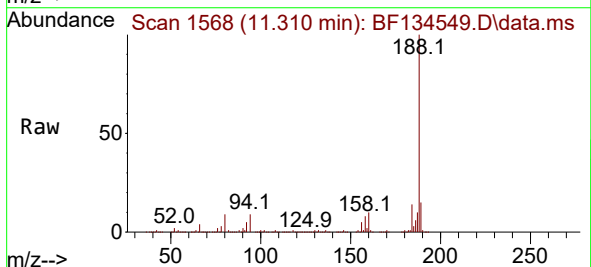
Instrument :
BNA_F
ClientSampleId :
B-P7B

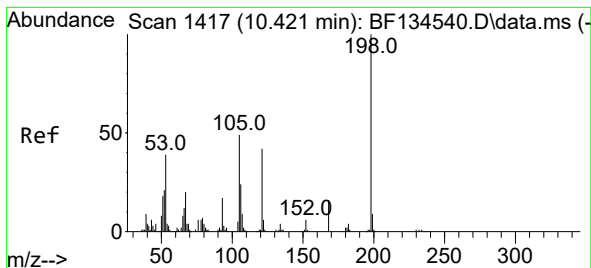
Tgt Ion:165 Resp: 31217
Ion Ratio Lower Upper
165 100
63 1.1 48.9 73.3#
89 1.1 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

Tgt Ion:188 Resp: 437346
Ion Ratio Lower Upper
188 100
94 9.1 5.1 7.7#
80 9.3 6.6 9.8

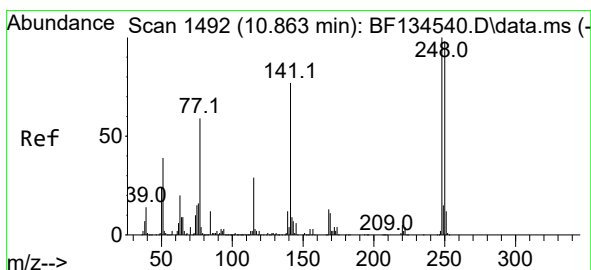
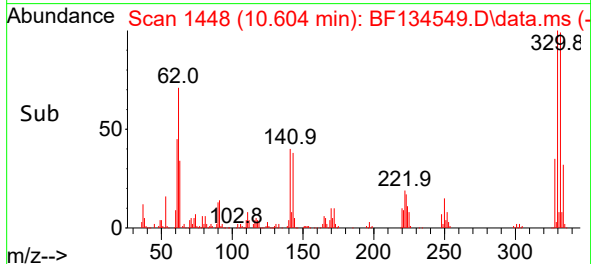
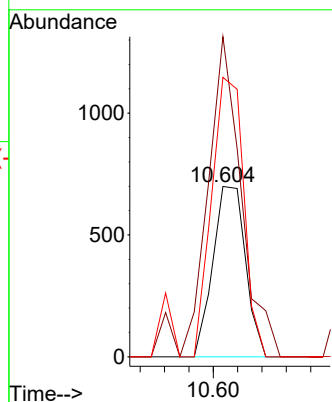
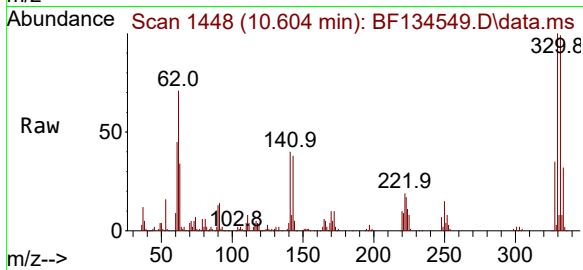




#65
4,6-Dinitro-2-methylphenol
Concen: 9.000 ng
RT: 10.604 min Scan# 1417
Delta R.T. 0.183 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

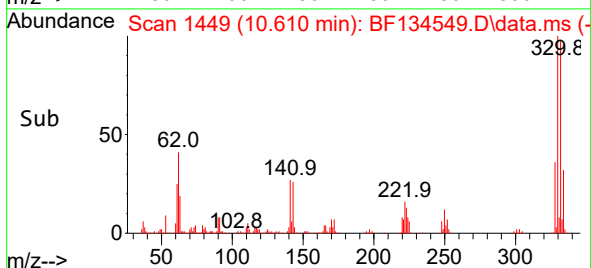
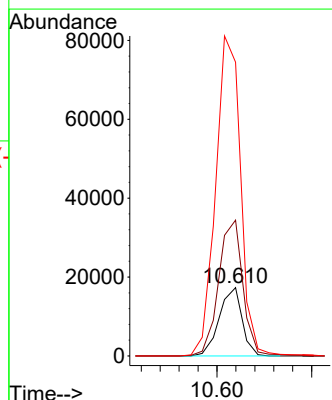
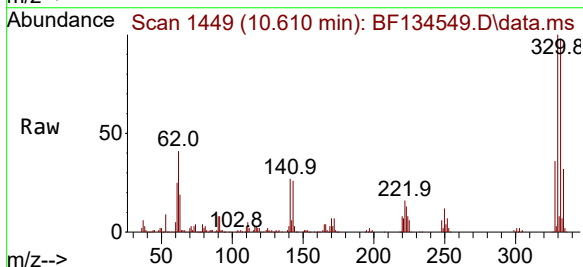
Instrument :
BNA_F
ClientSampleId :
B-P7B

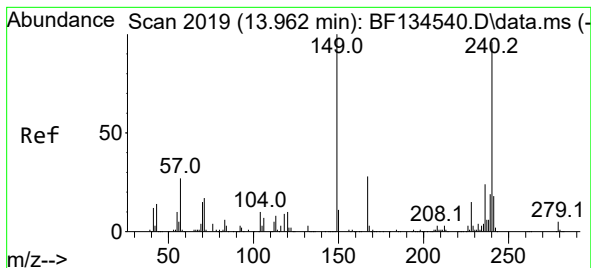
Tgt Ion:198 Resp: 649
Ion Ratio Lower Upper
198 100
51 188.0 38.6 78.6#
105 164.1 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 3.030 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.253 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

Tgt Ion:248 Resp: 14505
Ion Ratio Lower Upper
248 100
250 199.0 79.6 119.4#
141 430.2 59.6 89.4#

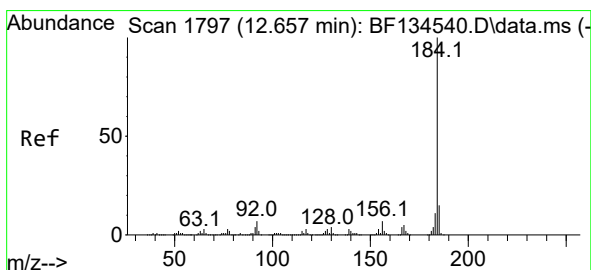
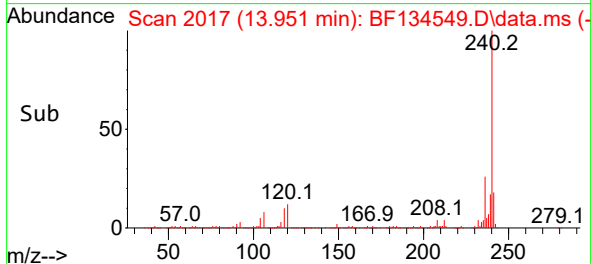
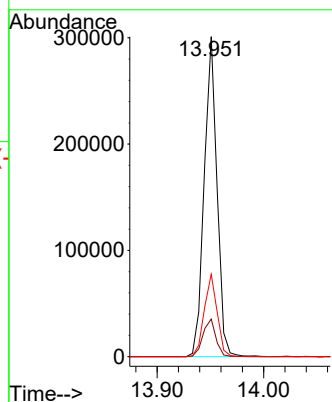
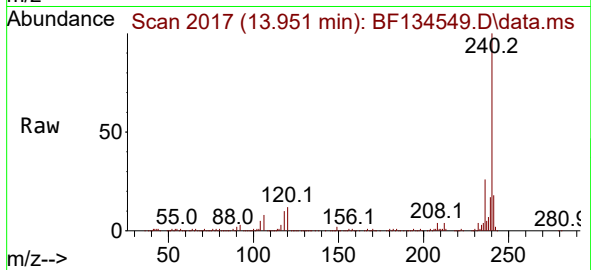




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

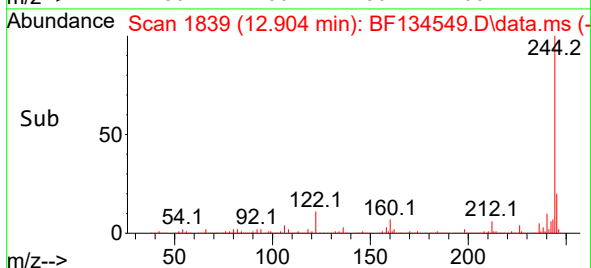
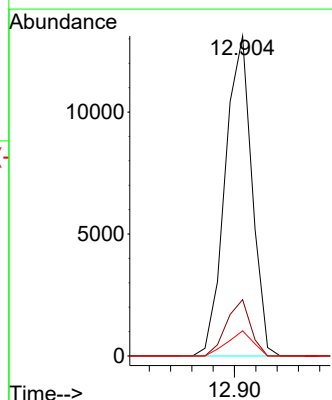
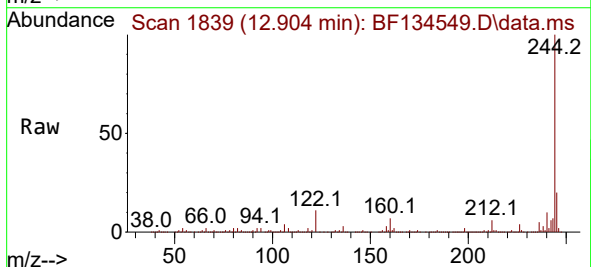
Instrument :
BNA_F
ClientSampleId :
B-P7B

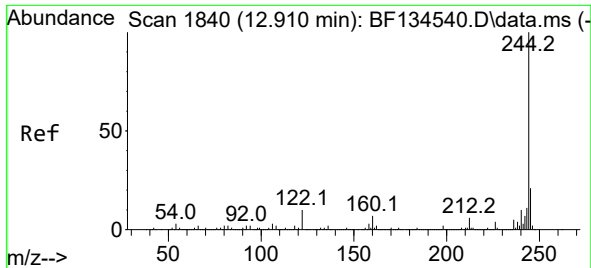
Tgt Ion:240 Resp: 252209
Ion Ratio Lower Upper
240 100
120 11.7 6.6 10.0#
236 25.7 20.2 30.2



#77
Benzidine
Concen: 2.091 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.247 min
Lab File: BF134549.D
Acq: 01 Aug 2023 15:37

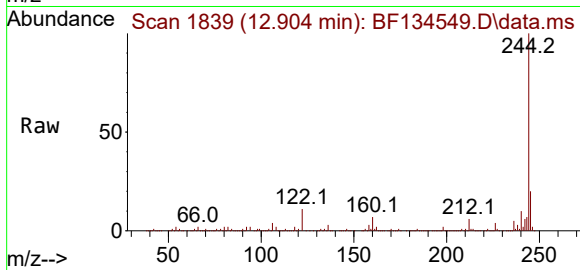
Tgt Ion:184 Resp: 11447
Ion Ratio Lower Upper
184 100
185 17.6 11.2 16.8#
183 7.8 8.6 13.0#



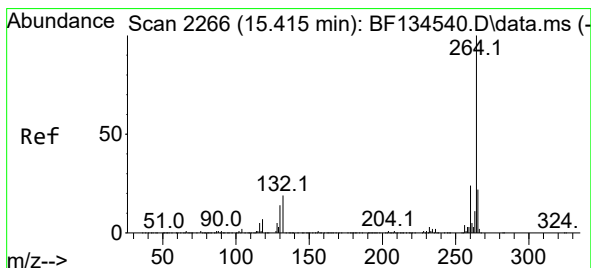
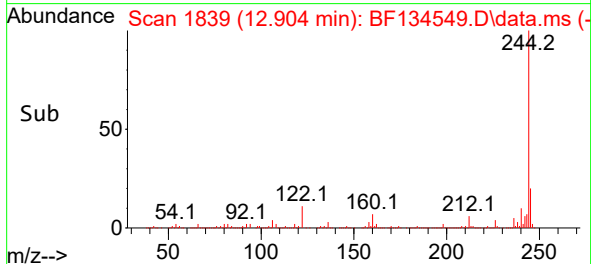
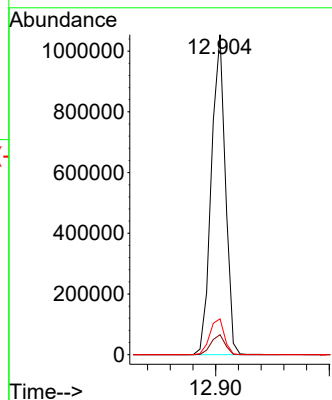


#79
 Terphenyl-d14
 Concen: 62.986 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF134549.D
 Acq: 01 Aug 2023 15:37

Instrument :
 BNA_F
 ClientSampleId :
 B-P7B



Tgt Ion:244 Resp: 901121
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 11.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BF134549.D
 Acq: 01 Aug 2023 15:37

Tgt Ion:264 Resp: 230675
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.1 15.8 23.8

