

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
 Data File : BF134592.D
 Acq On : 02 Aug 2023 21:45
 Operator : CG\JU
 Sample : 03834-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-P2B

Quant Time: Aug 03 01:51:22 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)

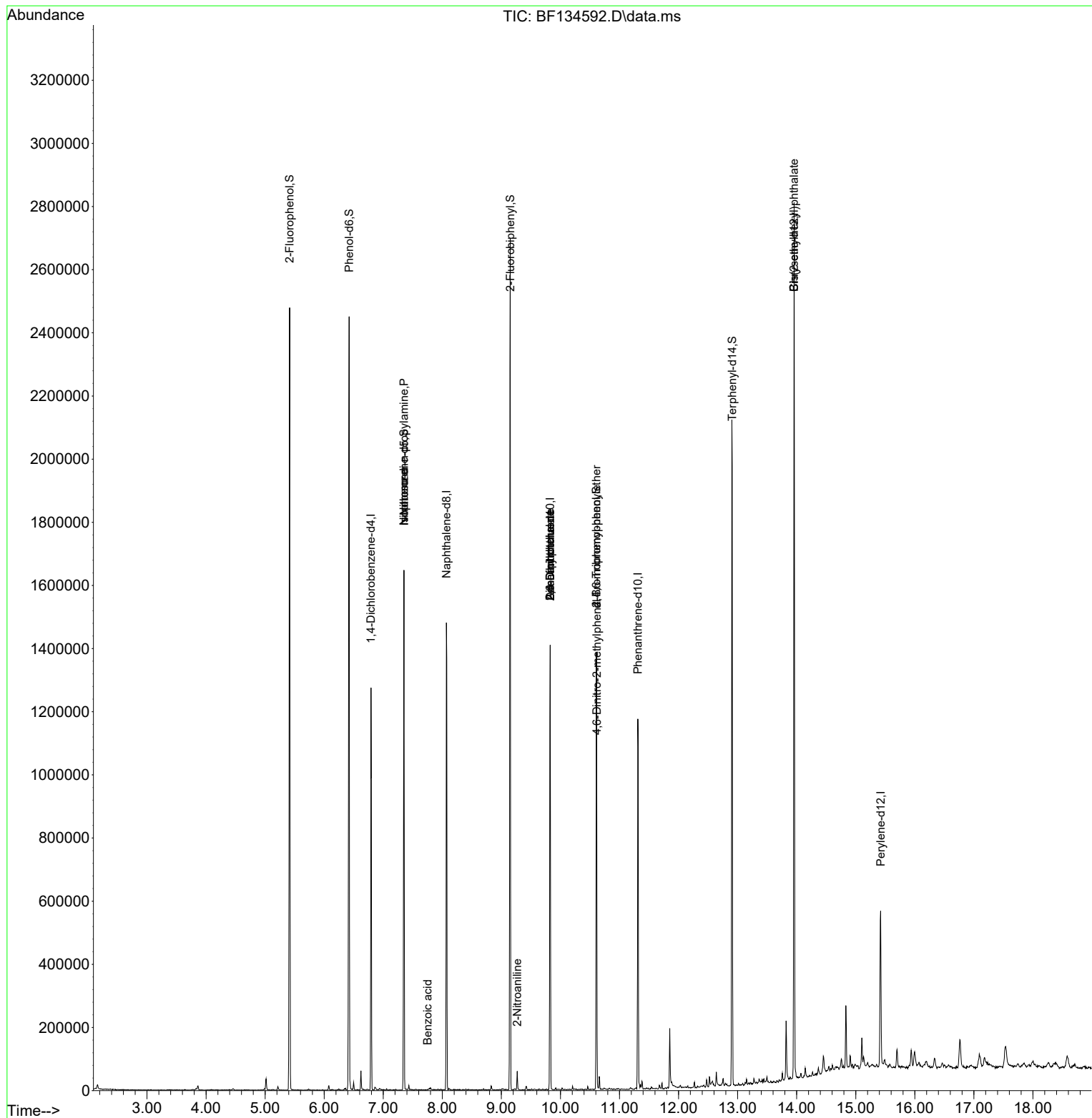
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	169201	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	629607	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	262895	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	426447	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	290445	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	233387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	606706	54.506	ng	0.00
7) Phenol-d6	6.422	99	783447	55.061	ng	0.00
23) Nitrobenzene-d5	7.351	82	430699	42.750	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	151784	56.637	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	779870	49.323	ng	0.00
79) Terphenyl-d14	12.910	244	731190	44.380	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.345	77	1191	Below Cal	#	45
19) n-Nitroso-di-n-propyla...	7.351	70	56901	6.679	ng	# 75
25) Isophorone	7.351	82	430694	19.600	ng	# 65
32) Benzoic acid	7.751	122	349	7.913	ng	# 69
48) 2-Nitroaniline	9.269	65	573	3.278	ng	# 8
50) Dimethylphthalate	9.828	163	55121	3.076	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	33599	11.172	ng	# 17
57) 2,4-Dinitrotoluene	9.828	165	33599	9.978	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.616	198	351	8.866	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	9637	2.064	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.957	149	457177	45.713	ng	98

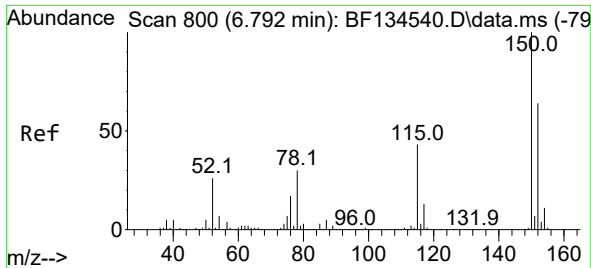
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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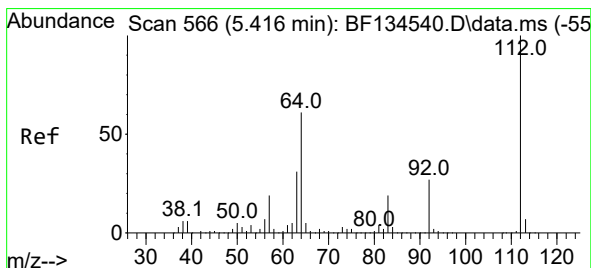
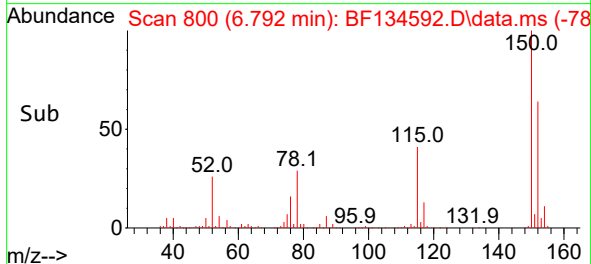
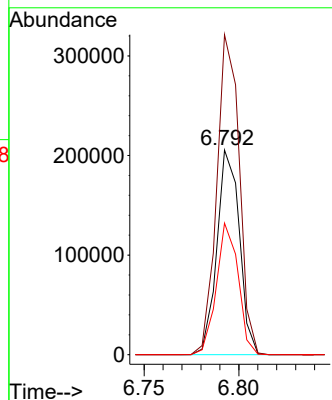
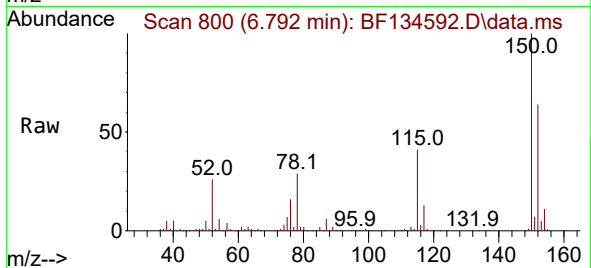




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45

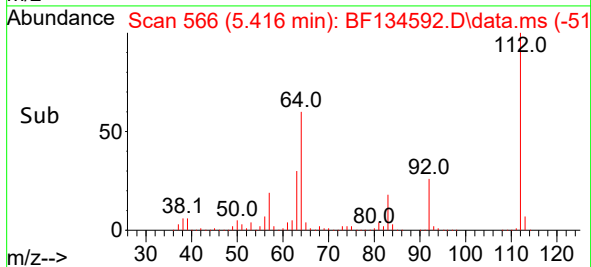
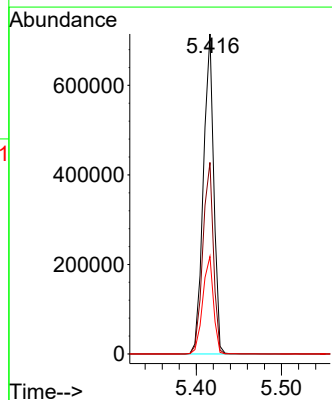
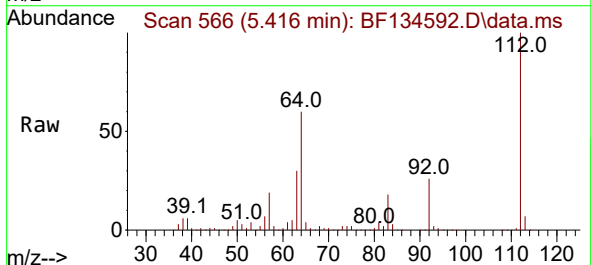
Instrument :
BNA_F
ClientSampleId :
B-P2B

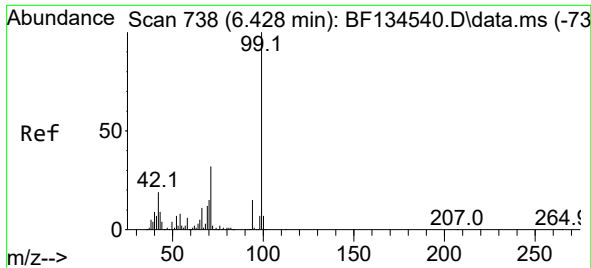
Tgt Ion:152 Resp: 169201
Ion Ratio Lower Upper
152 100
150 156.4 128.3 192.5
115 64.3 52.4 78.6



#5
2-Fluorophenol
Concen: 54.506 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.000 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45

Tgt Ion:112 Resp: 606706
Ion Ratio Lower Upper
112 100
64 59.9 44.9 67.3
63 30.5 25.4 38.0

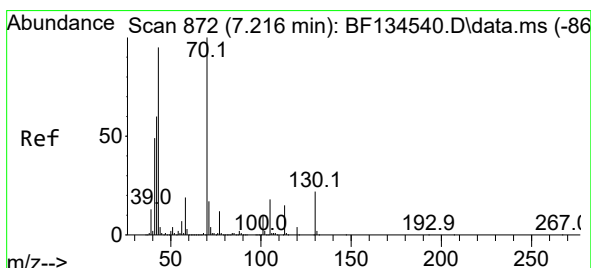
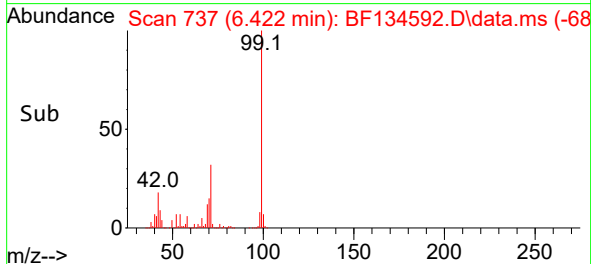
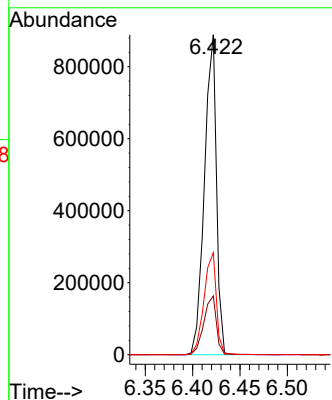
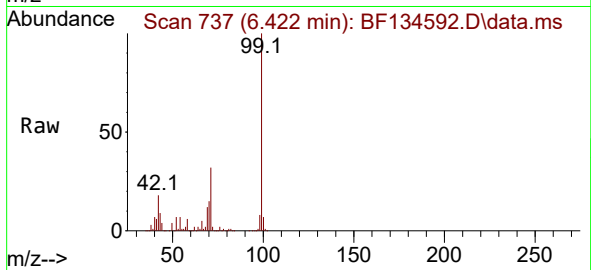




#7
Phenol-d6
Concen: 55.061 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45

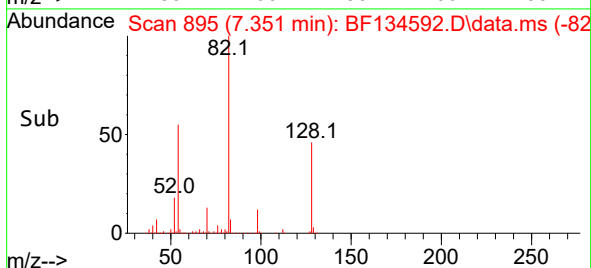
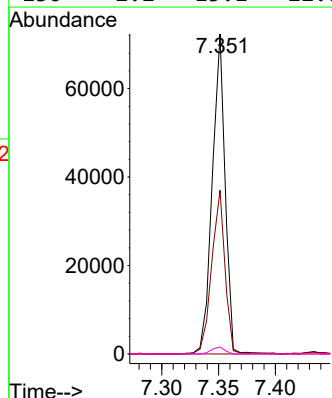
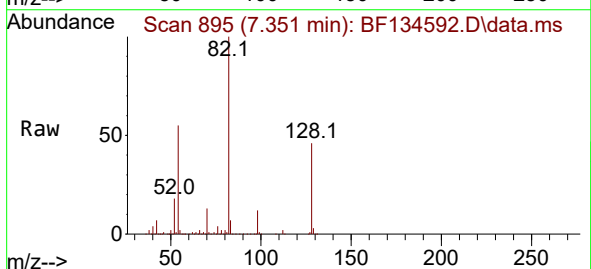
Instrument :
BNA_F
ClientSampleId :
B-P2B

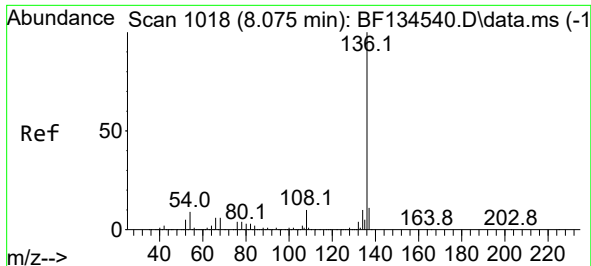
Tgt Ion: 99 Resp: 783447
Ion Ratio Lower Upper
99 100
42 18.3 18.7 28.1#
71 31.8 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 6.679 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45

Tgt Ion: 70 Resp: 56901
Ion Ratio Lower Upper
70 100
42 51.1 54.7 82.1#
101 0.0 8.2 12.2#
130 2.2 15.1 22.7#

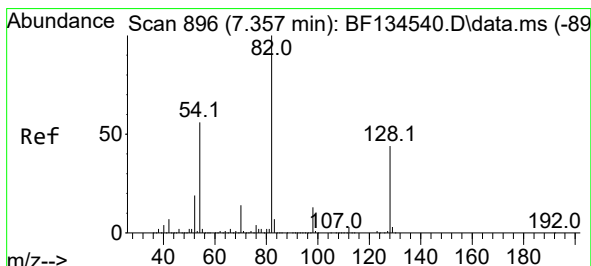
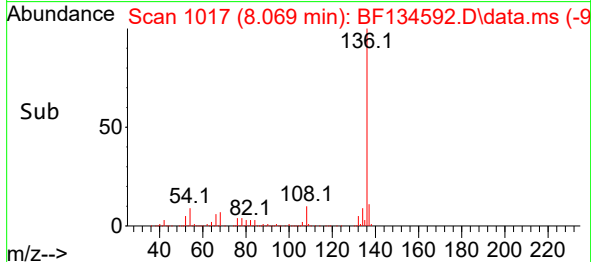
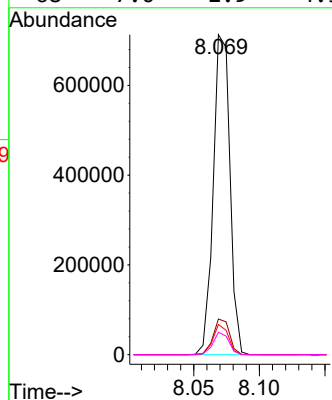
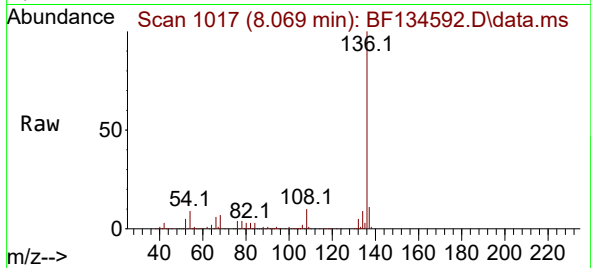




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45

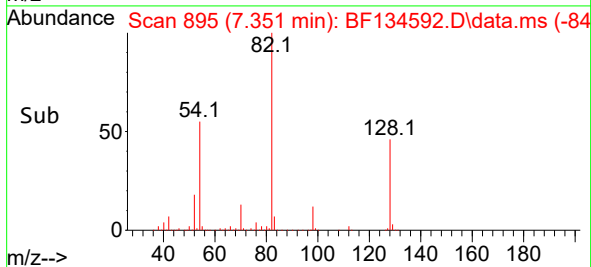
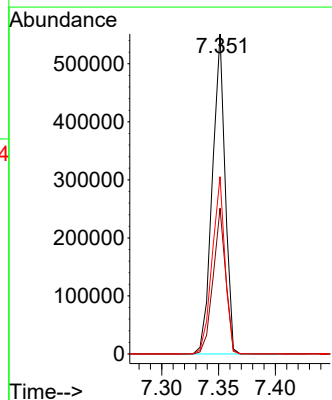
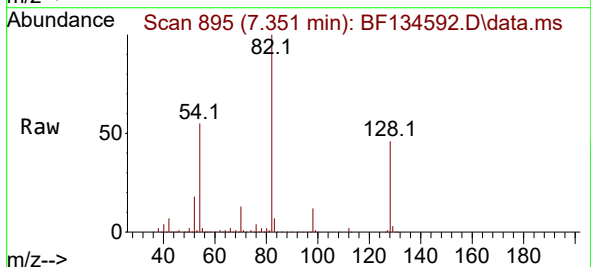
Instrument :
BNA_F
ClientSampleId :
B-P2B

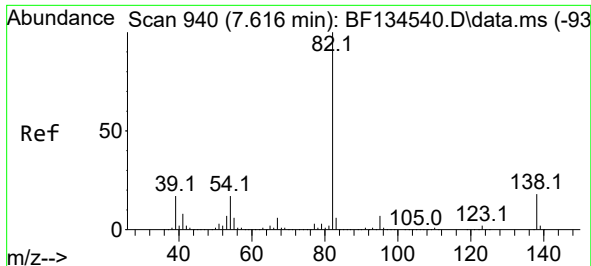
Tgt Ion:136 Resp: 629607
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.5 5.2 7.8#
68 7.0 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 42.750 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45

Tgt Ion: 82 Resp: 430699
Ion Ratio Lower Upper
82 100
128 45.6 34.3 51.5
54 55.4 43.8 65.6

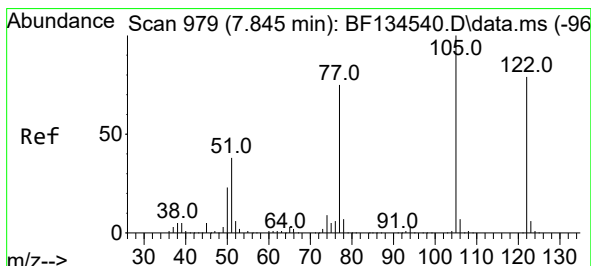
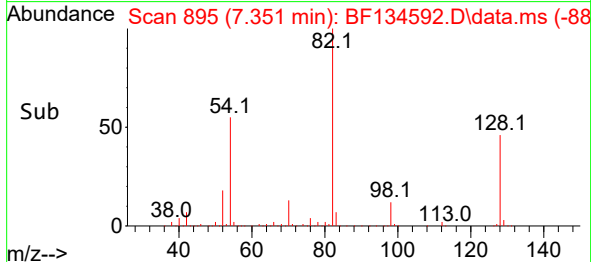
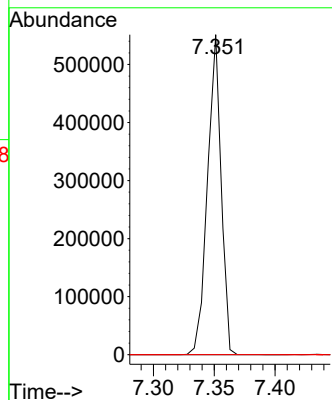
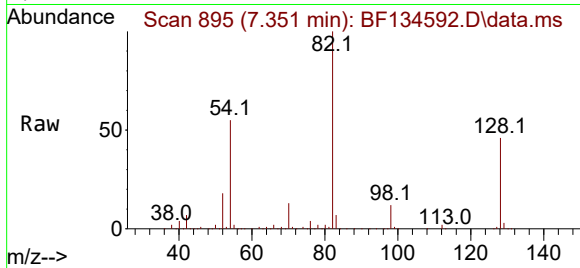




#25
Isophorone
Concen: 19.600 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45

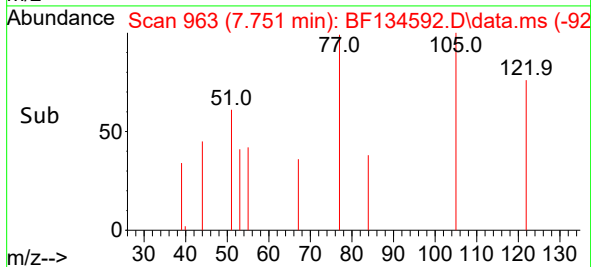
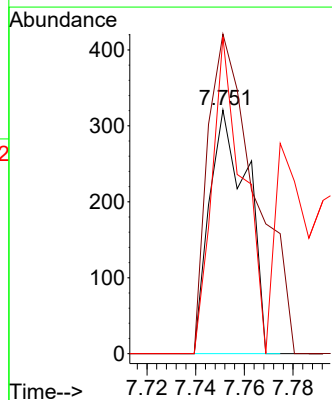
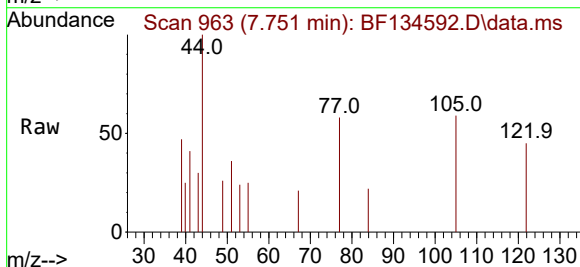
Instrument :
BNA_F
ClientSampleId :
B-P2B

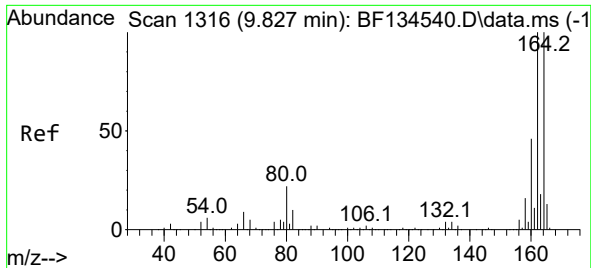
Tgt Ion: 82 Resp: 430694
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.913 ng
RT: 7.751 min Scan# 963
Delta R.T. -0.094 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45

Tgt Ion: 122 Resp: 349
Ion Ratio Lower Upper
122 100
105 131.2 87.5 127.5#
77 129.9 71.4 111.4#

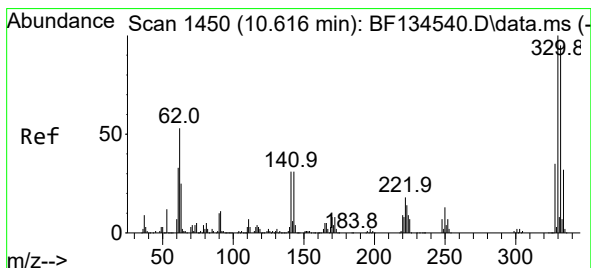
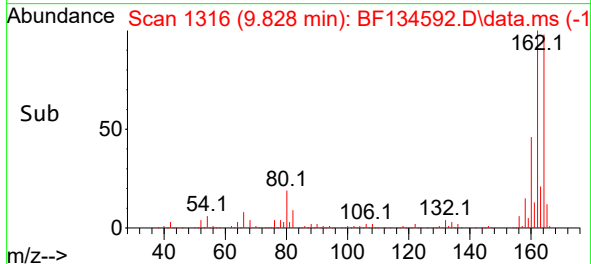
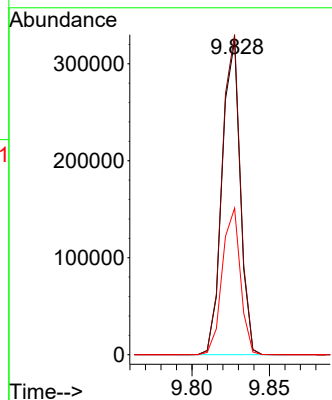
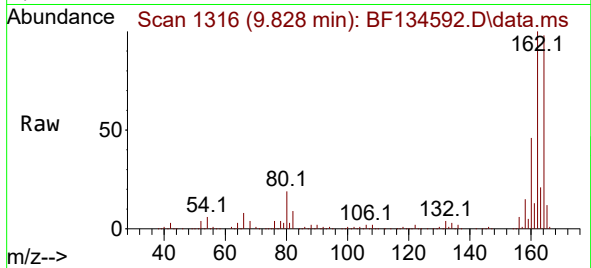




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45

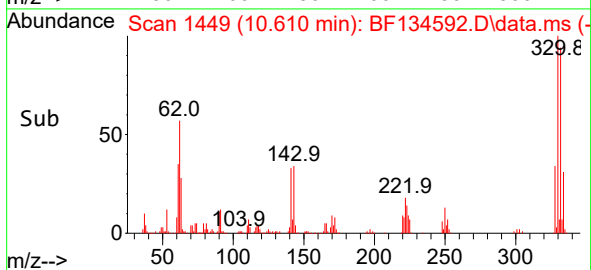
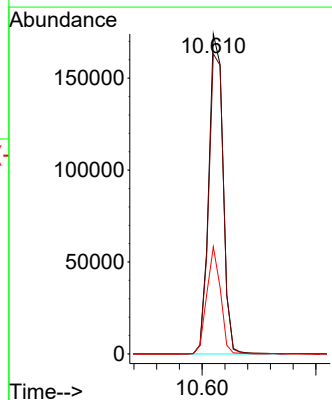
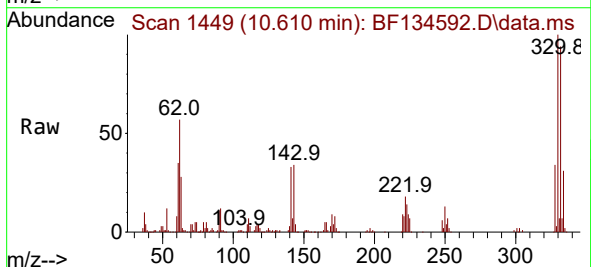
Instrument :
BNA_F
ClientSampleId :
B-P2B

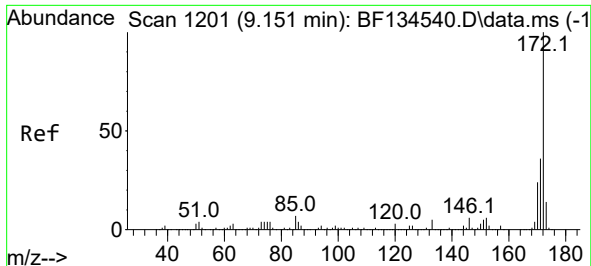
Tgt Ion:164 Resp: 262895
Ion Ratio Lower Upper
164 100
162 101.9 82.6 123.8
160 46.7 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 56.637 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45

Tgt Ion:330 Resp: 151784
Ion Ratio Lower Upper
330 100
332 96.6 78.8 118.2
141 32.0 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 49.323 ng

RT: 9.151 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF134592.D

Acq: 02 Aug 2023 21:45

Instrument :

BNA_F

ClientSampleId :

B-P2B

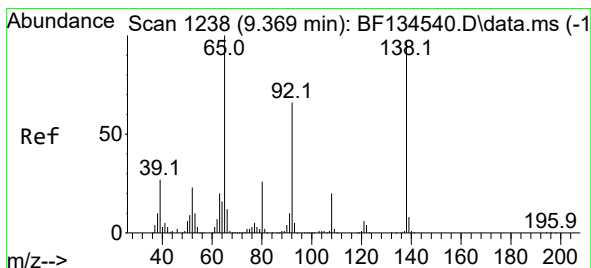
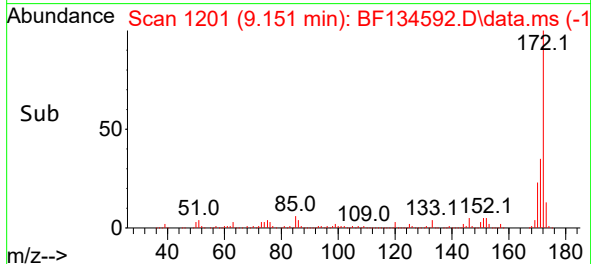
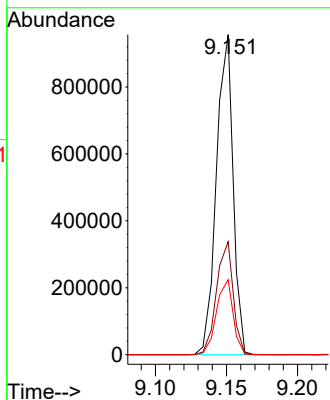
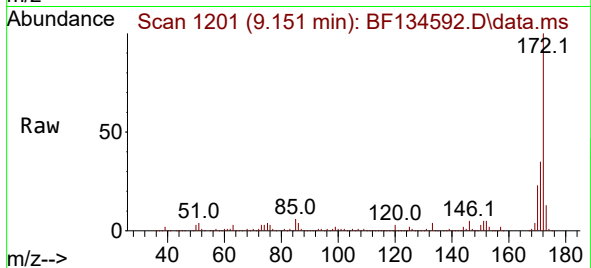
Tgt Ion:172 Resp: 779870

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.5 18.7 28.1



#48

2-Nitroaniline

Concen: 3.278 ng

RT: 9.269 min Scan# 1221

Delta R.T. -0.100 min

Lab File: BF134592.D

Acq: 02 Aug 2023 21:45

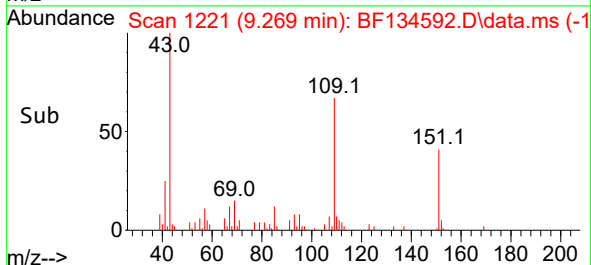
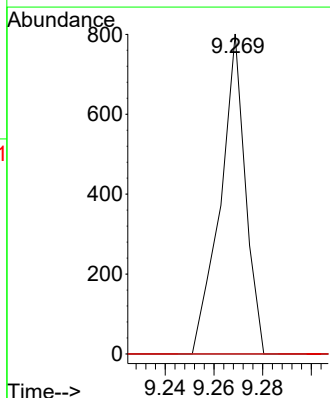
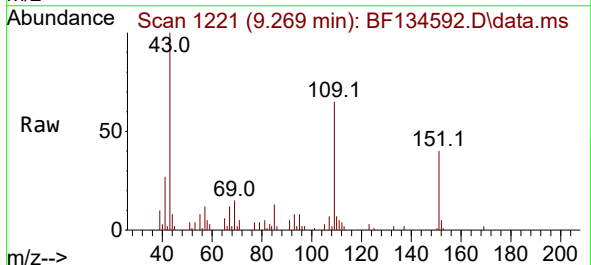
Tgt Ion: 65 Resp: 573

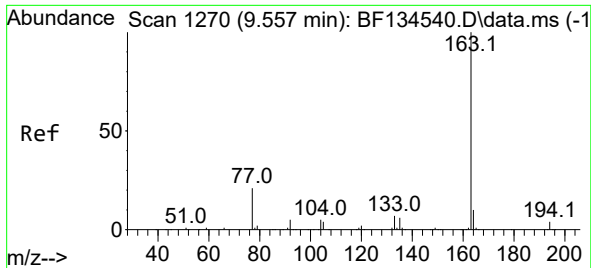
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

138 0.0 78.2 117.4#

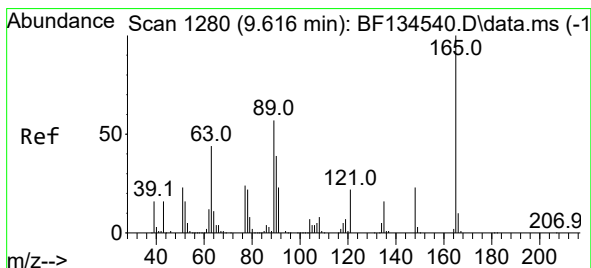
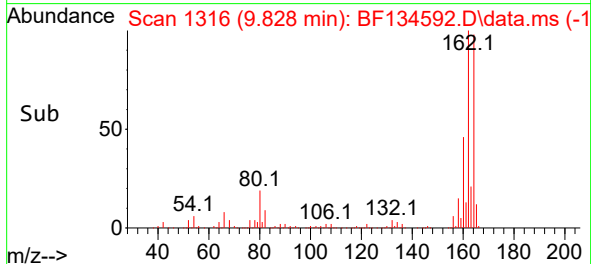
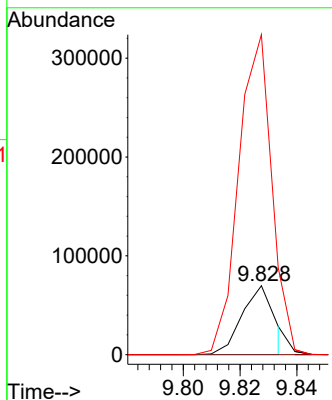
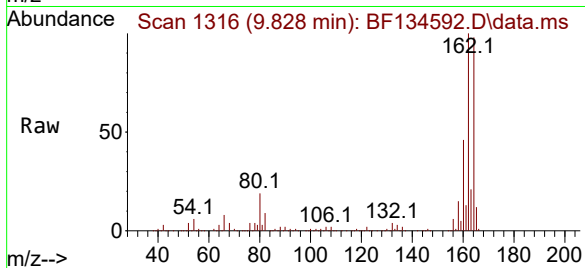




#50
Dimethylphthalate
Concen: 3.076 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.271 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45

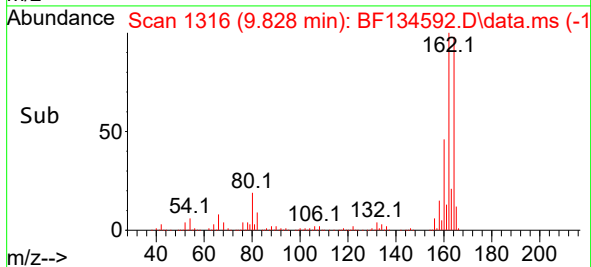
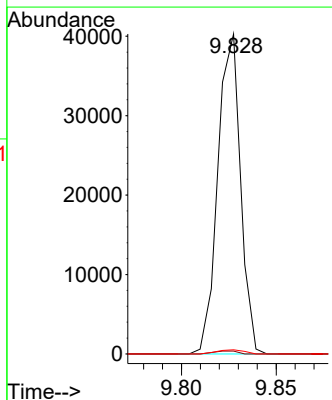
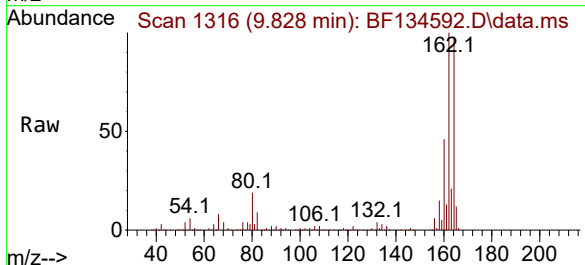
Instrument :
BNA_F
ClientSampleId :
B-P2B

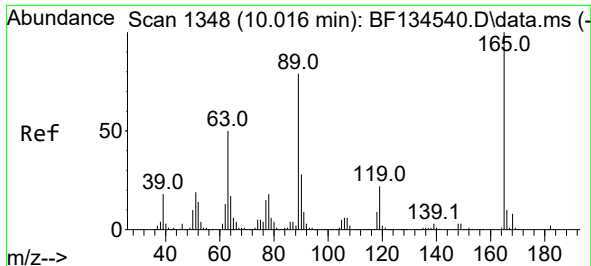
Tgt Ion:163 Resp: 55121
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 463.6 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.172 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45

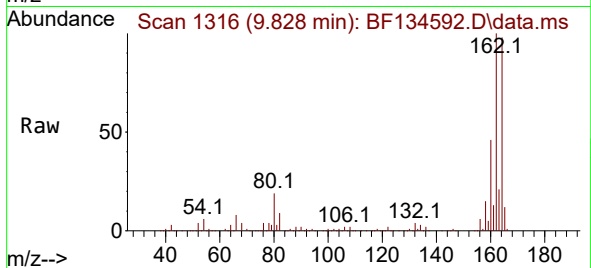
Tgt Ion:165 Resp: 33599
Ion Ratio Lower Upper
165 100
63 0.9 57.8 86.6#
89 1.3 51.8 77.8#



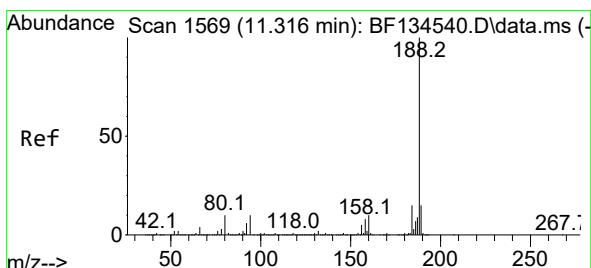
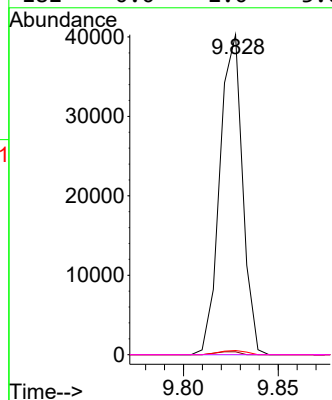
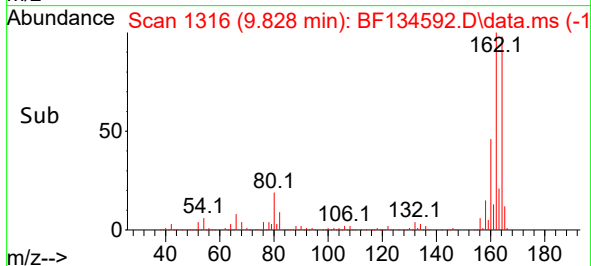


#57
2,4-Dinitrotoluene
Concen: 9.978 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.188 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45

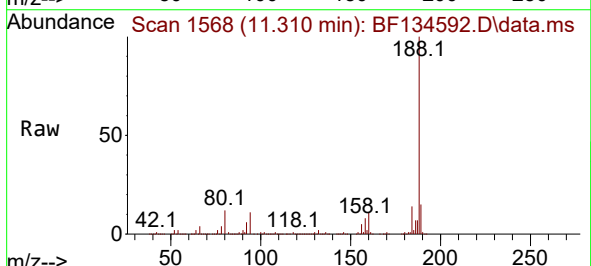
Instrument :
BNA_F
ClientSampleId :
B-P2B



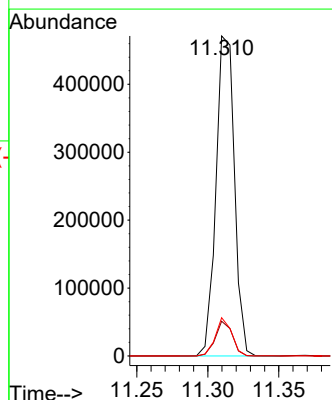
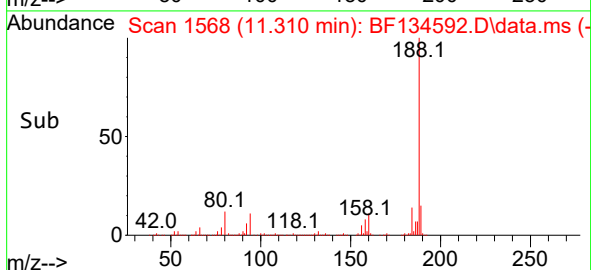
Tgt Ion:165 Resp: 33599
Ion Ratio Lower Upper
165 100
63 0.9 48.9 73.3#
89 1.3 61.7 92.5#
182 0.0 2.0 3.0#

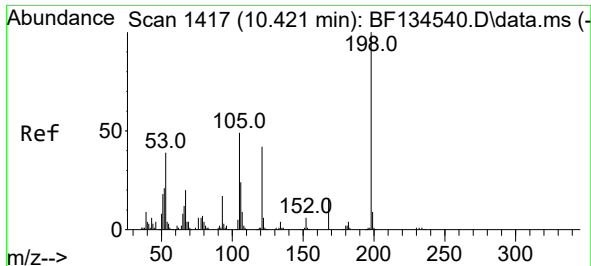


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45



Tgt Ion:188 Resp: 426447
Ion Ratio Lower Upper
188 100
94 10.8 5.1 7.7#
80 11.9 6.6 9.8#

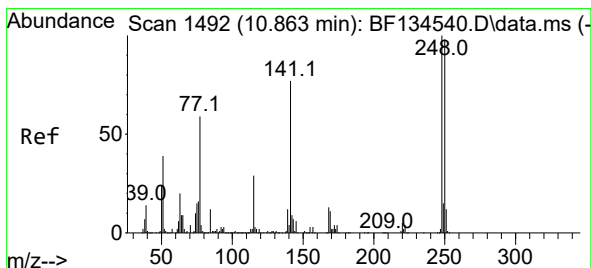
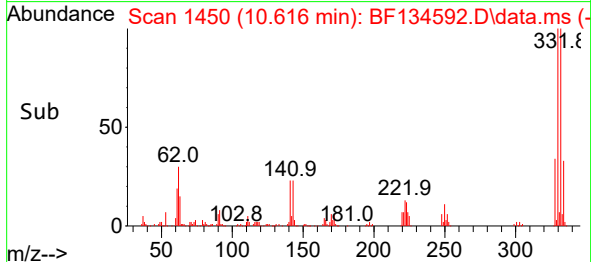
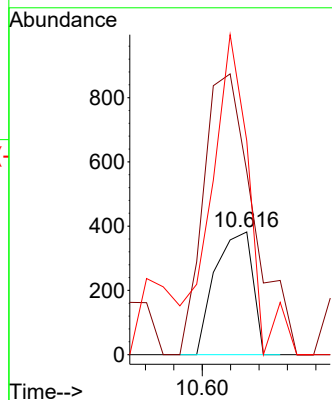
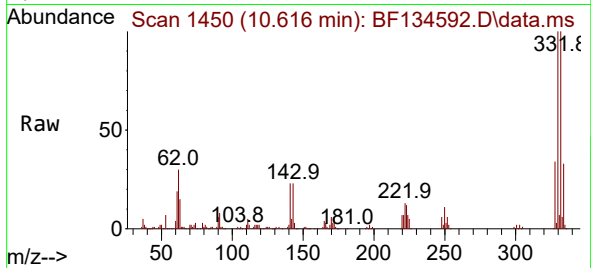




#65
4,6-Dinitro-2-methylphenol
Concen: 8.866 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.195 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45

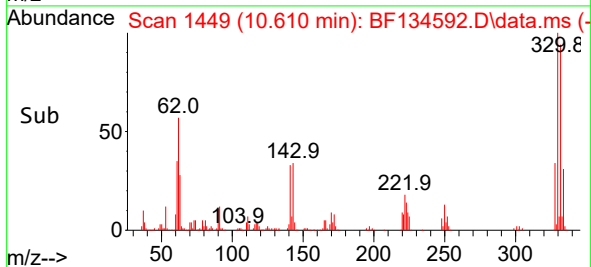
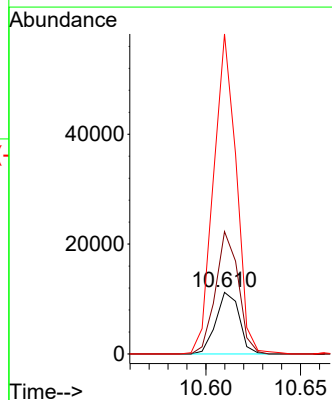
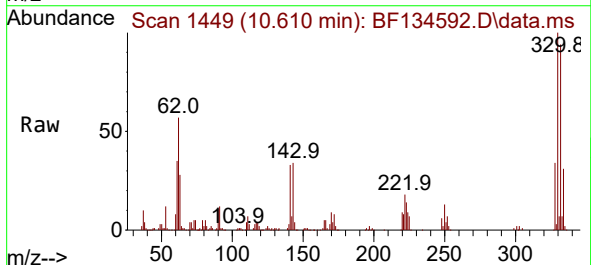
Instrument :
BNA_F
ClientSampleId :
B-P2B

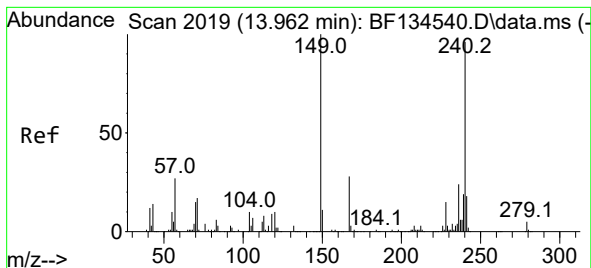
Tgt Ion:198 Resp: 351
Ion Ratio Lower Upper
198 100
51 149.2 38.6 78.6#
105 174.3 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.064 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.253 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45

Tgt Ion:248 Resp: 9637
Ion Ratio Lower Upper
248 100
250 198.6 79.6 119.4#
141 519.1 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134592.D

Acq: 02 Aug 2023 21:45

Instrument :

BNA_F

ClientSampleId :

B-P2B

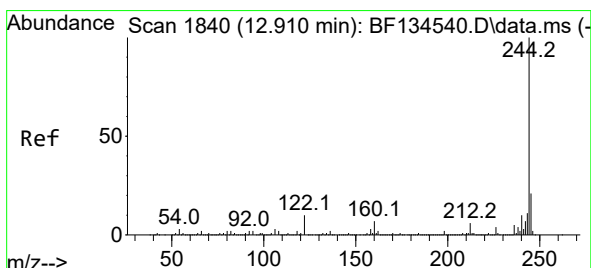
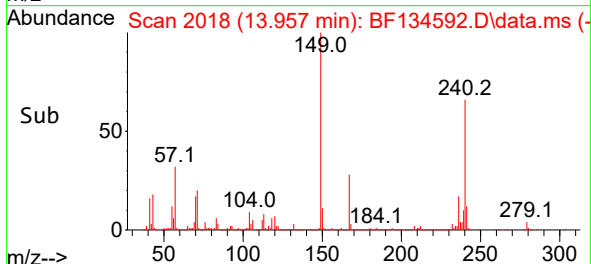
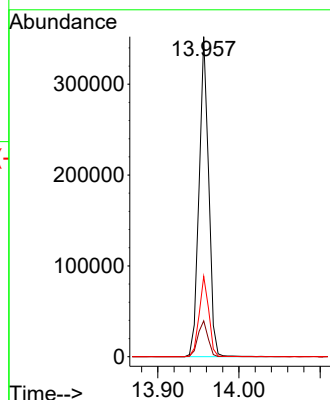
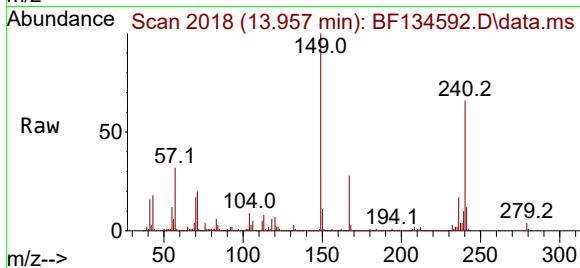
Tgt Ion:240 Resp: 290445

Ion Ratio Lower Upper

240 100

120 11.2 6.6 10.0#

236 25.1 20.2 30.2



#79

Terphenyl-d14

Concen: 44.380 ng

RT: 12.910 min Scan# 1840

Delta R.T. 0.000 min

Lab File: BF134592.D

Acq: 02 Aug 2023 21:45

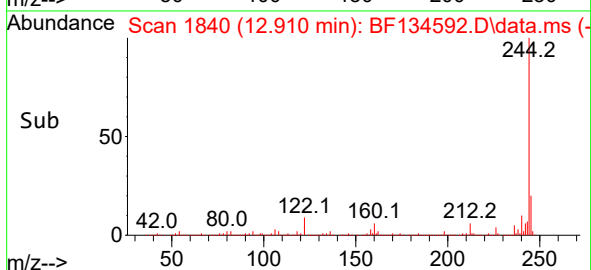
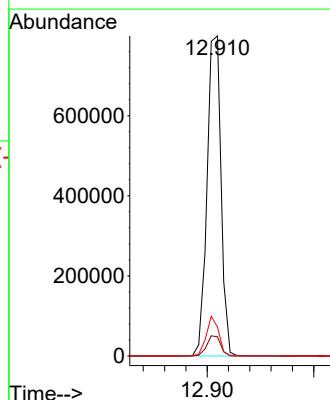
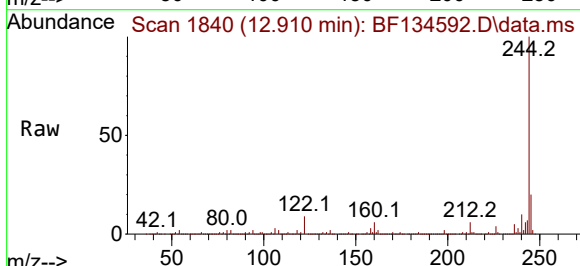
Tgt Ion:244 Resp: 731190

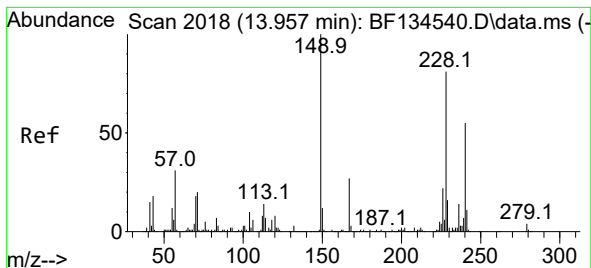
Ion Ratio Lower Upper

244 100

212 6.0 5.6 8.4

122 9.1 8.0 12.0

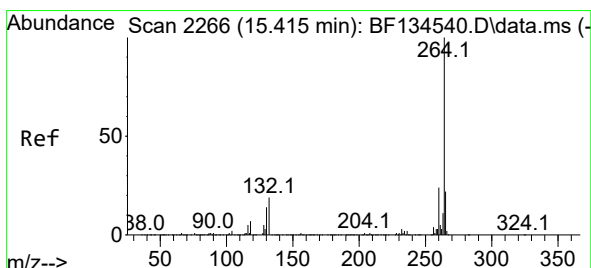
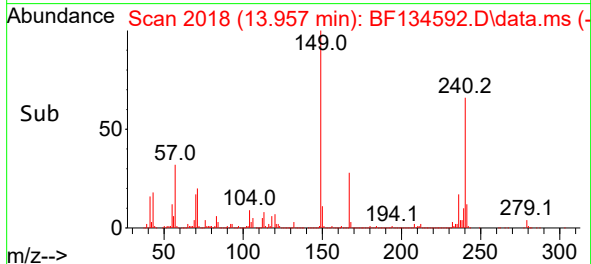
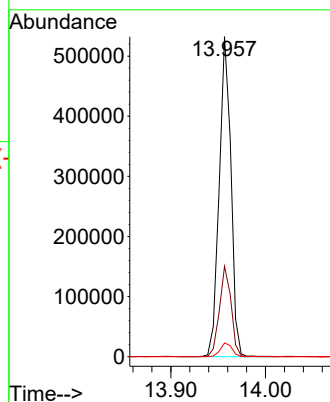
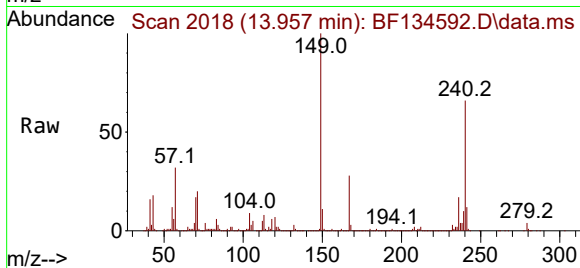




#84
Bis(2-ethylhexyl)phthalate
Concen: 45.713 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45

Instrument :
BNA_F
ClientSampleId :
B-P2B

Tgt Ion:149 Resp: 457177
Ion Ratio Lower Upper
149 100
167 28.2 21.6 32.4
279 4.3 3.5 5.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF134592.D
Acq: 02 Aug 2023 21:45

Tgt Ion:264 Resp: 233387
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.8 15.8 23.8

