

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
 Data File : BF134821.D
 Acq On : 17 Aug 2023 17:20
 Operator : CG\JU
 Sample : 04043-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-4

Quant Time: Aug 18 01:05:58 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)

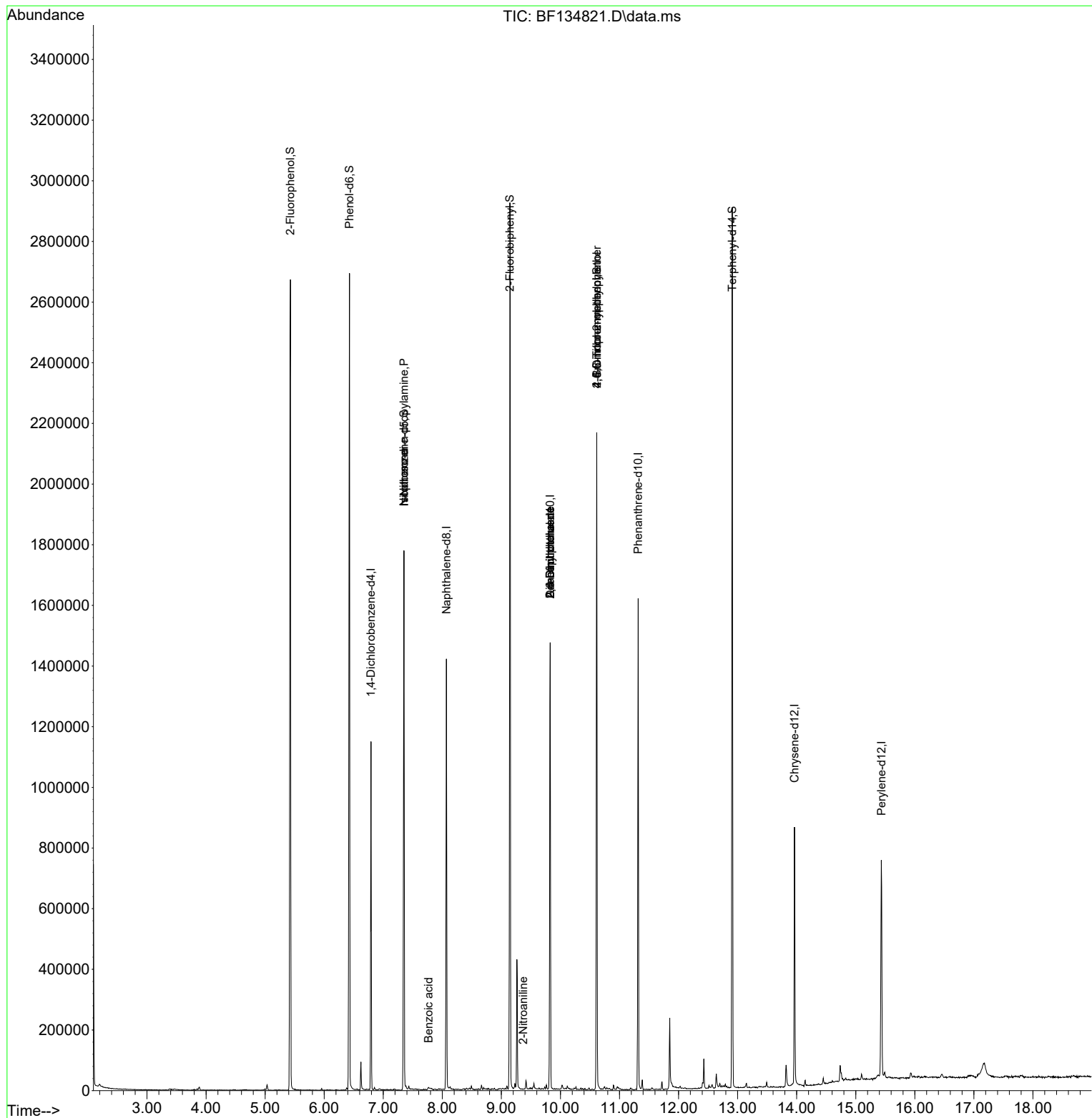
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	145715	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	602512	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	303117	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	549275	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	271300	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	336149	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	735016	76.677	ng	0.00
7) Phenol-d6	6.428	99	922066	75.248	ng	-0.01
23) Nitrobenzene-d5	7.351	82	555078	57.573	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	264631	85.641	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	996326	54.652	ng	-0.02
79) Terphenyl-d14	12.910	244	941465	61.175	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.345	77	238	Below Cal		81
19) n-Nitroso-di-n-propyla...	7.351	70	74688	10.180 ng	#	71
25) Isophorone	7.351	82	549508	26.131 ng	#	65
32) Benzoic acid	7.769	122	2313	8.183 ng	#	78
48) 2-Nitroaniline	9.369	65	233	3.206 ng	#	26
50) Dimethylphthalate	9.828	163	64559	3.125 ng	#	1
51) 2,6-Dinitrotoluene	9.828	165	40162	11.490 ng	#	17
57) 2,4-Dinitrotoluene	9.828	165	40162	10.240 ng	#	18
65) 4,6-Dinitro-2-methylph...	10.616	198	672	8.947 ng	#	1
67) 4-Bromophenyl-phenylether	10.616	248	16837	2.800 ng	#	1

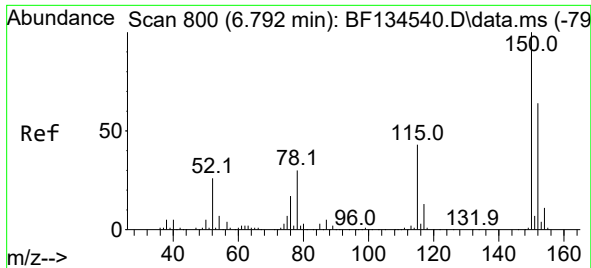
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081723\
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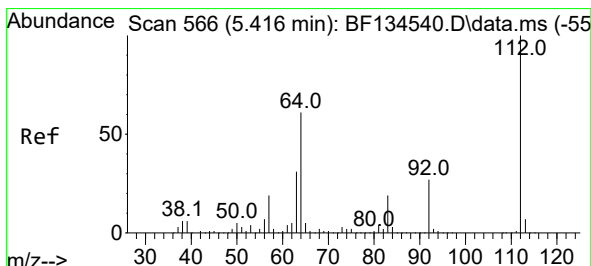
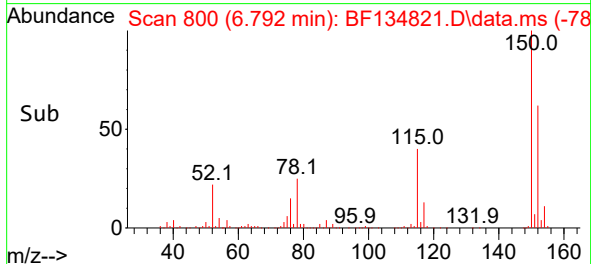
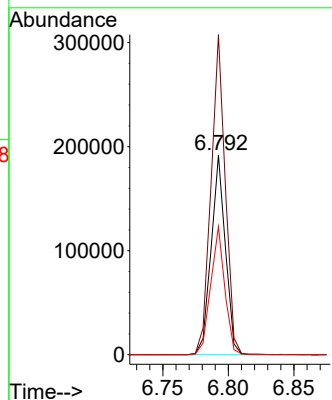
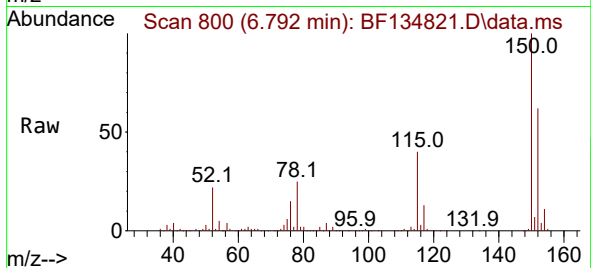




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF134821.D
 Acq: 17 Aug 2023 17:20

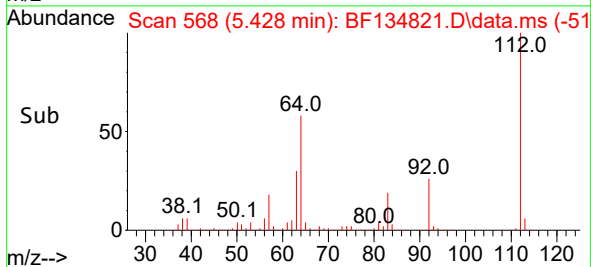
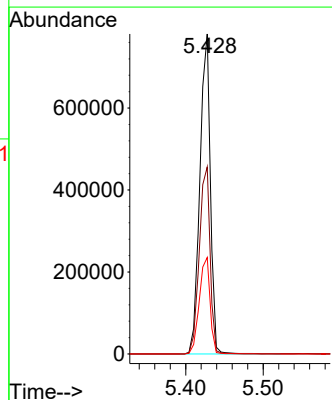
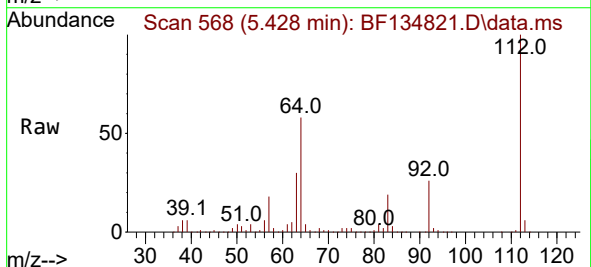
Instrument :
 BNA_F
 ClientSampleId :
 E-4

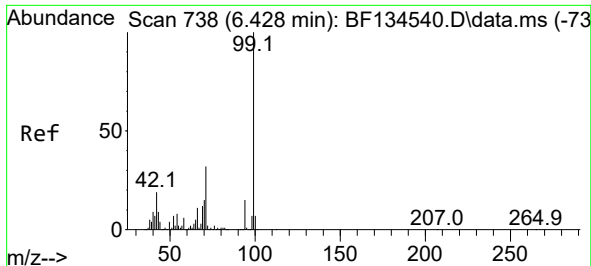
Tgt Ion:152 Resp: 145715
 Ion Ratio Lower Upper
 152 100
 150 160.2 128.3 192.5
 115 64.1 52.4 78.6



#5
 2-Fluorophenol
 Concen: 76.677 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF134821.D
 Acq: 17 Aug 2023 17:20

Tgt Ion:112 Resp: 735016
 Ion Ratio Lower Upper
 112 100
 64 58.4 44.9 67.3
 63 30.1 25.4 38.0





#7
Phenol-d6
Concen: 75.248 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134821.D
Acq: 17 Aug 2023 17:20

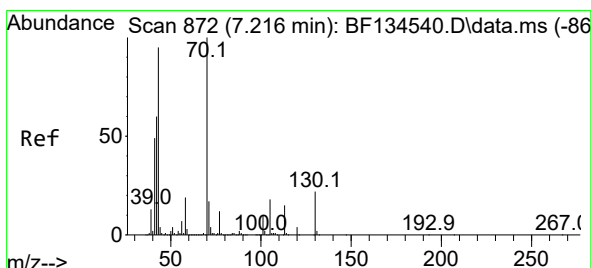
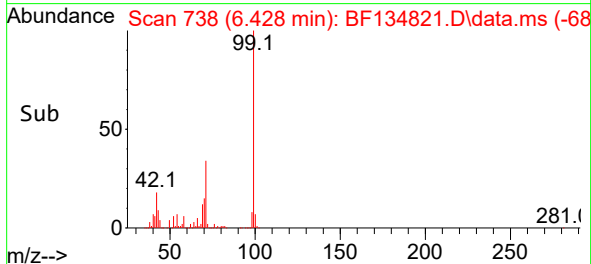
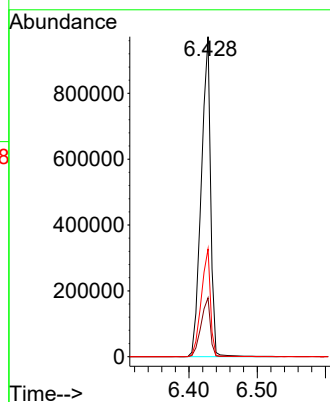
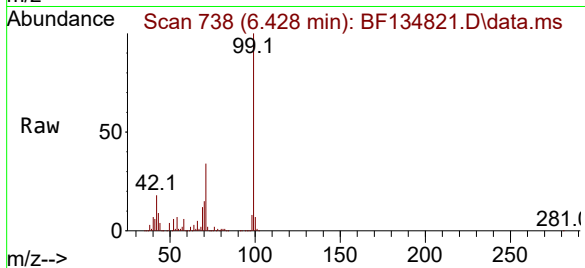
Instrument :

BNA_F

ClientSampleId :

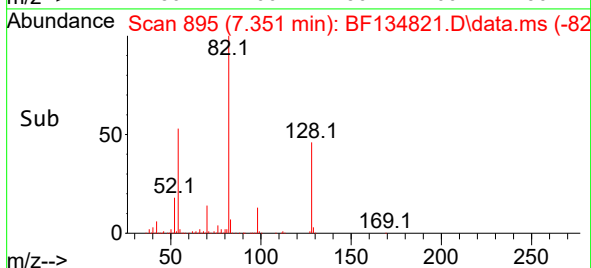
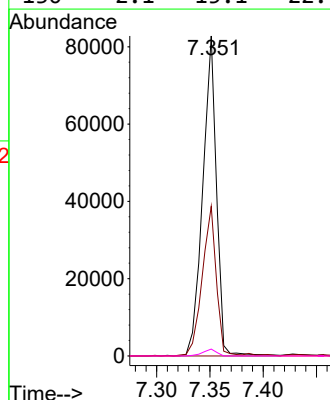
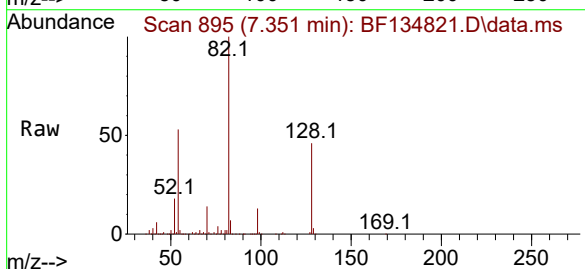
E-4

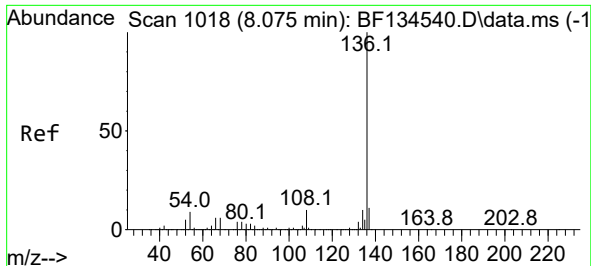
Tgt Ion: 99 Resp: 922066
Ion Ratio Lower Upper
99 100
42 18.4 18.7 28.1#
71 33.7 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 10.180 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF134821.D
Acq: 17 Aug 2023 17:20

Tgt Ion: 70 Resp: 74688
Ion Ratio Lower Upper
70 100
42 46.8 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: BF134821.D

Acq: 17 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

E-4

Tgt Ion:136 Resp: 602512

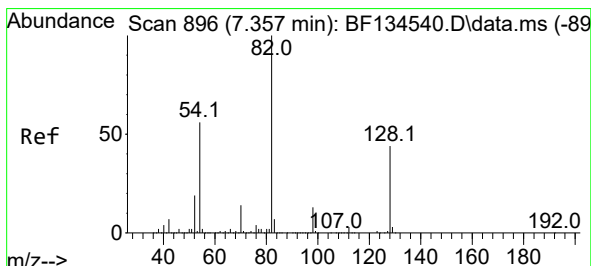
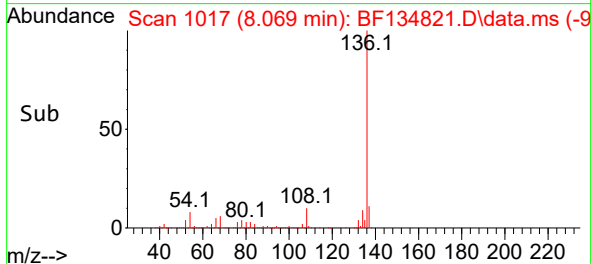
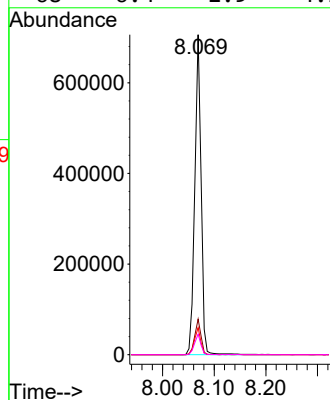
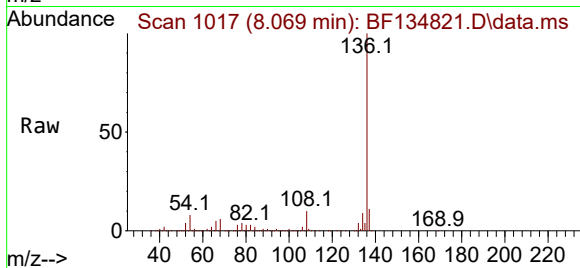
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.4 5.2 7.8#

68 6.4 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 57.573 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF134821.D

Acq: 17 Aug 2023 17:20

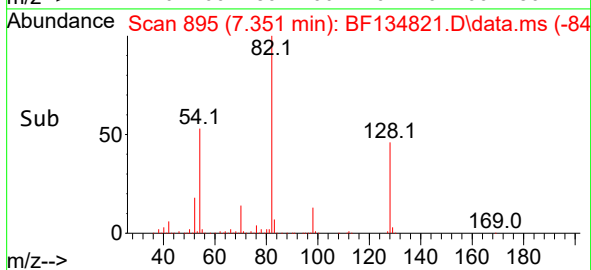
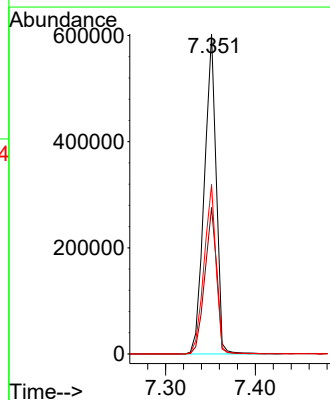
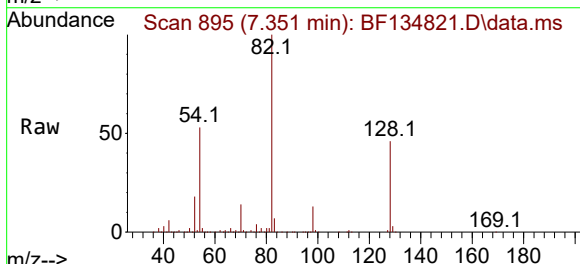
Tgt Ion: 82 Resp: 555078

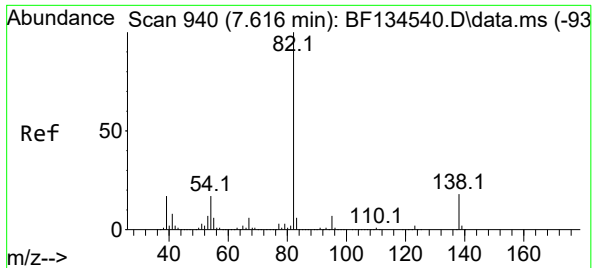
Ion Ratio Lower Upper

82 100

128 45.8 34.3 51.5

54 52.9 43.8 65.6

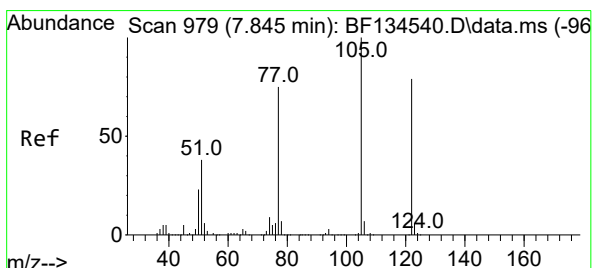
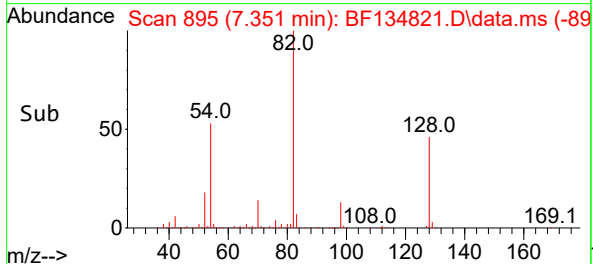
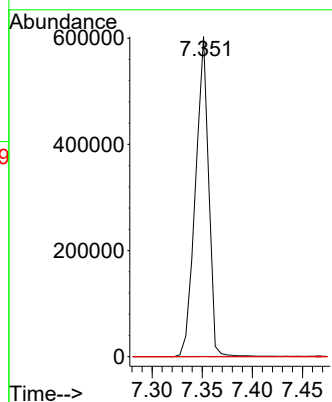
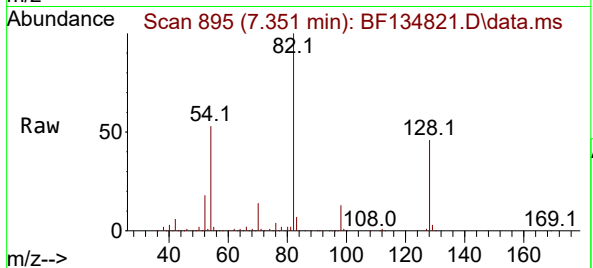




#25
Isophorone
Concen: 26.131 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.276 min
Lab File: BF134821.D
Acq: 17 Aug 2023 17:20

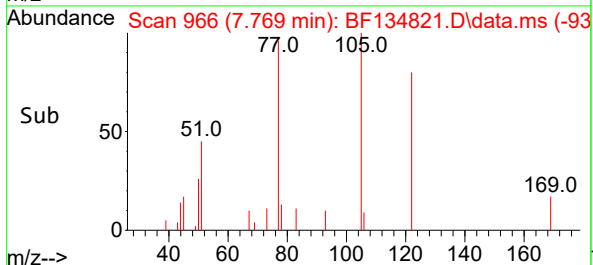
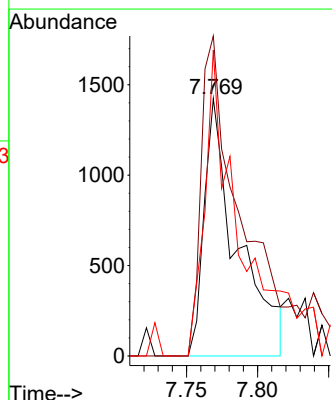
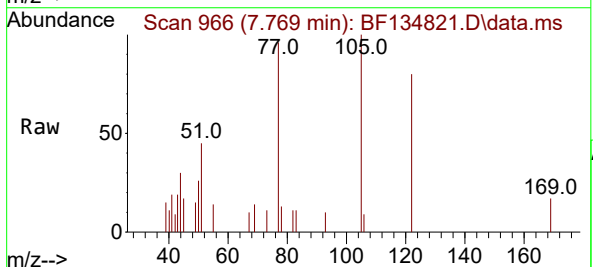
Instrument :
BNA_F
ClientSampleId :
E-4

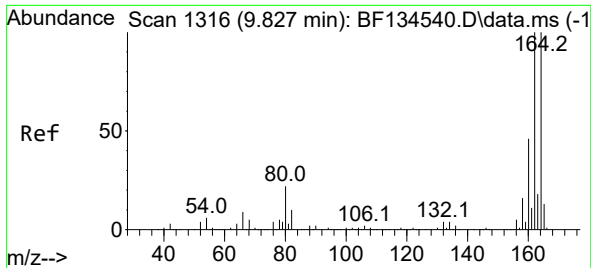
Tgt Ion: 82 Resp: 549508
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 8.183 ng
RT: 7.769 min Scan# 966
Delta R.T. -0.094 min
Lab File: BF134821.D
Acq: 17 Aug 2023 17:20

Tgt Ion:122 Resp: 2313
Ion Ratio Lower Upper
122 100
105 124.3 87.5 127.5
77 118.8 71.4 111.4#

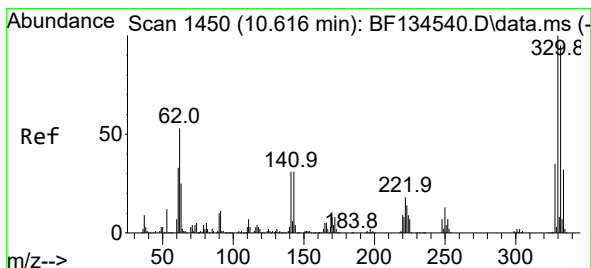
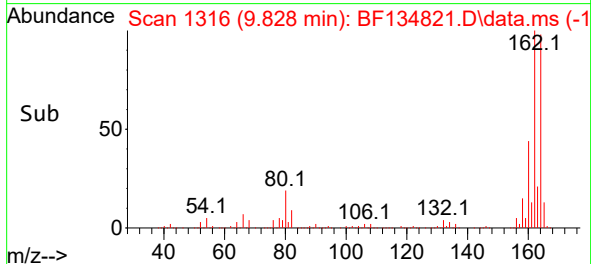
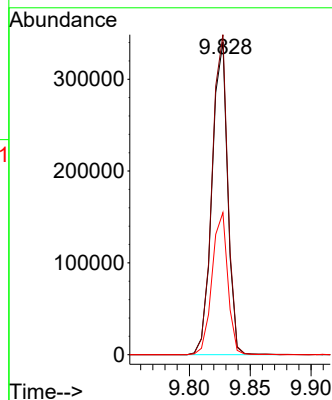
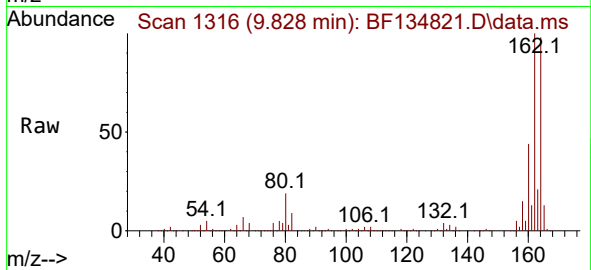




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134821.D
Acq: 17 Aug 2023 17:20

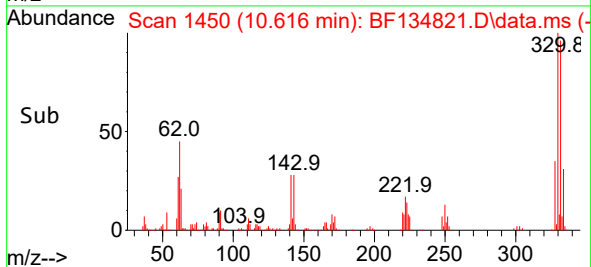
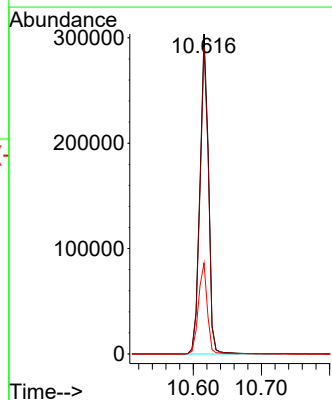
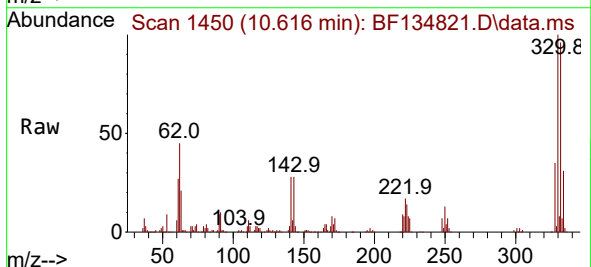
Instrument :
BNA_F
ClientSampleId :
E-4

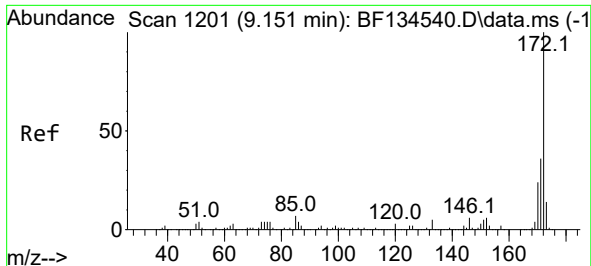
Tgt Ion:164 Resp: 303117
Ion Ratio Lower Upper
164 100
162 102.4 82.6 123.8
160 45.5 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 85.641 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134821.D
Acq: 17 Aug 2023 17:20

Tgt Ion:330 Resp: 264631
Ion Ratio Lower Upper
330 100
332 95.8 78.8 118.2
141 29.4 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 54.652 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF134821.D

Acq: 17 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

E-4

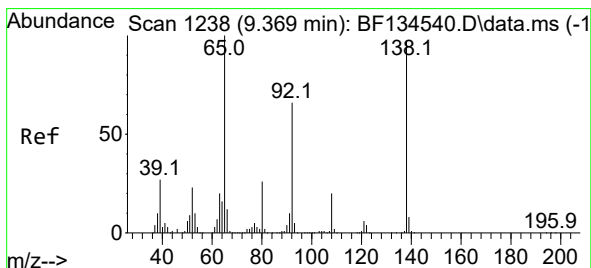
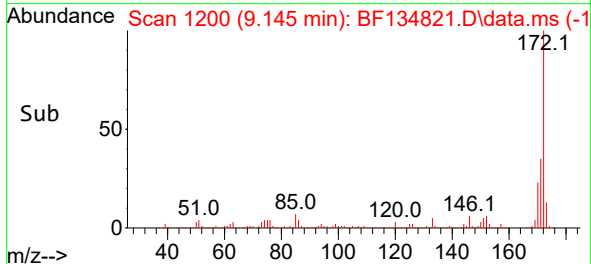
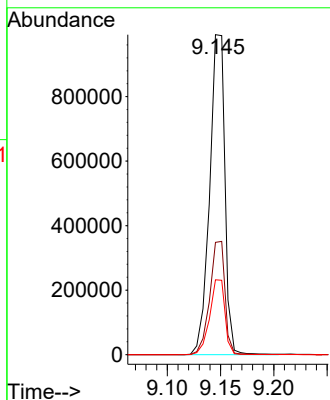
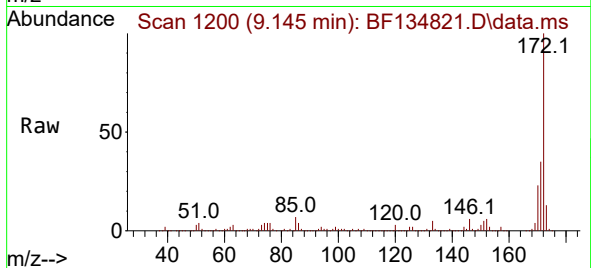
Tgt Ion:172 Resp: 996326

Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.4 18.7 28.1



#48

2-Nitroaniline

Concen: 3.206 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.012 min

Lab File: BF134821.D

Acq: 17 Aug 2023 17:20

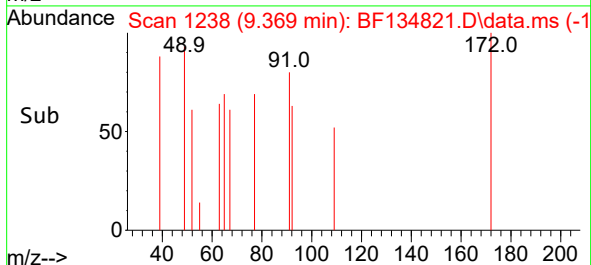
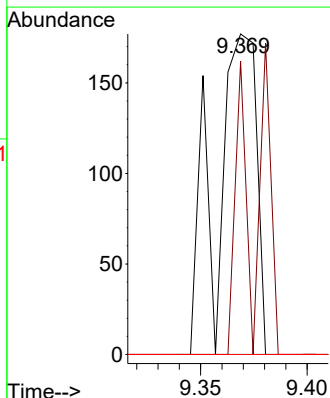
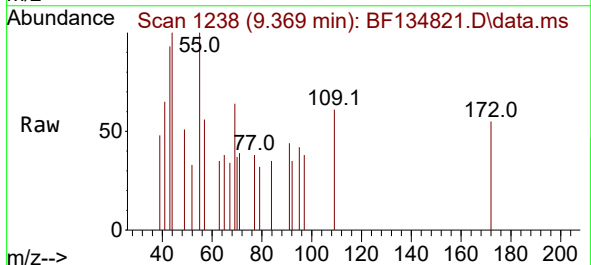
Tgt Ion: 65 Resp: 233

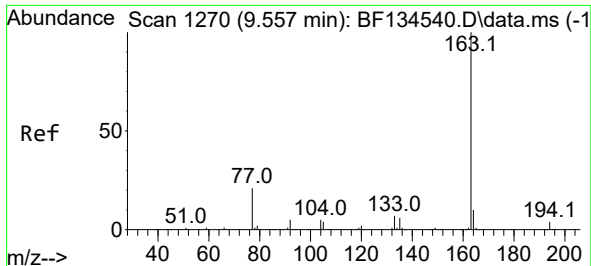
Ion Ratio Lower Upper

65 100

92 91.5 50.7 76.1#

138 0.0 78.2 117.4#

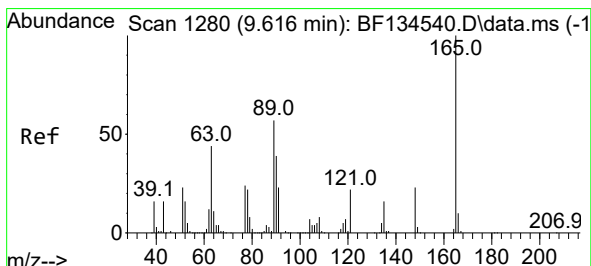
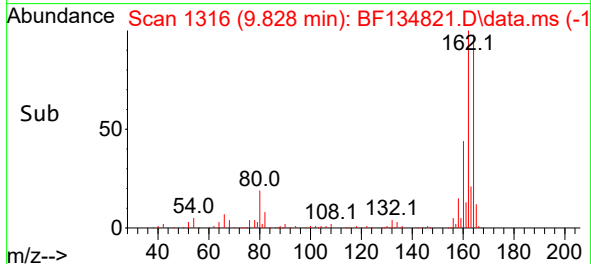
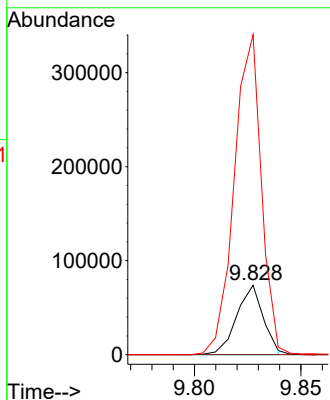
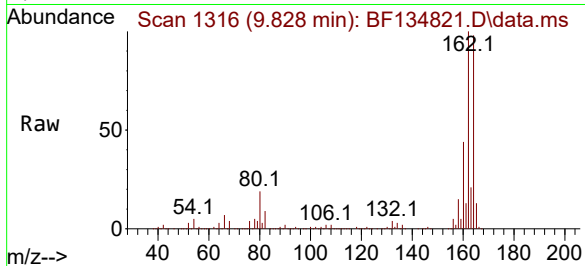




#50
Dimethylphthalate
Concen: 3.125 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF134821.D
Acq: 17 Aug 2023 17:20

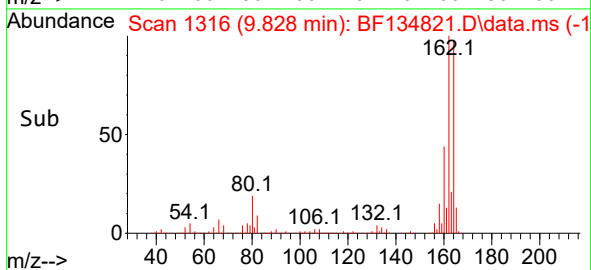
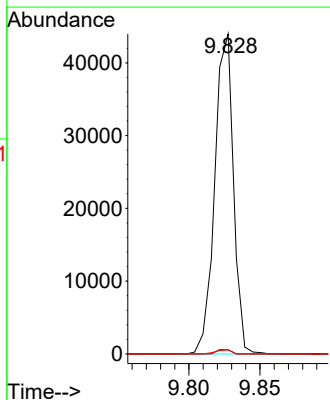
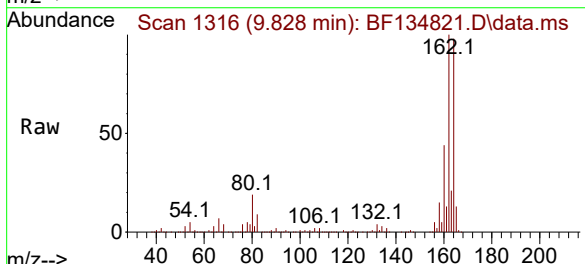
Instrument :
BNA_F
ClientSampleId :
E-4

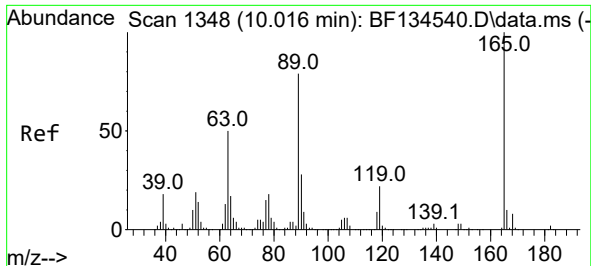
Tgt Ion:163 Resp: 64559
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 461.1 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.490 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134821.D
Acq: 17 Aug 2023 17:20

Tgt Ion:165 Resp: 40162
Ion Ratio Lower Upper
165 100
63 1.3 57.8 86.6#
89 1.3 51.8 77.8#

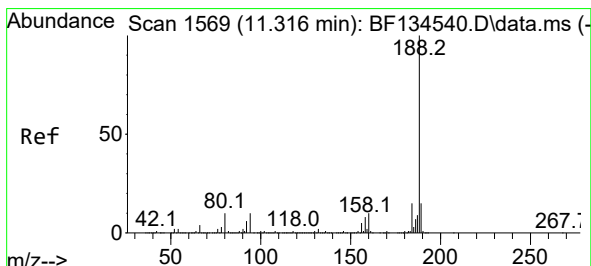
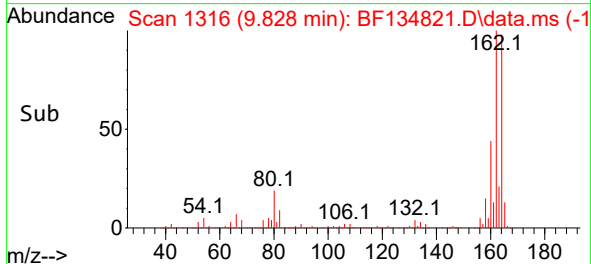
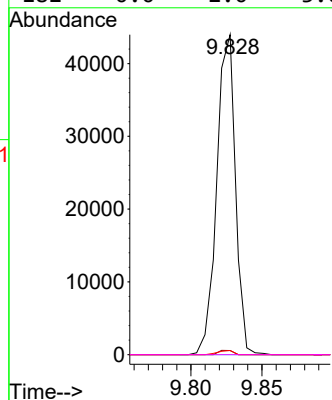
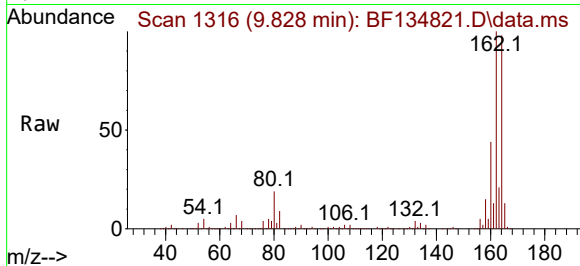




#57
2,4-Dinitrotoluene
Concen: 10.240 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF134821.D
Acq: 17 Aug 2023 17:20

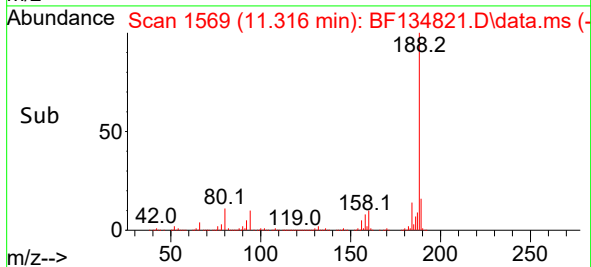
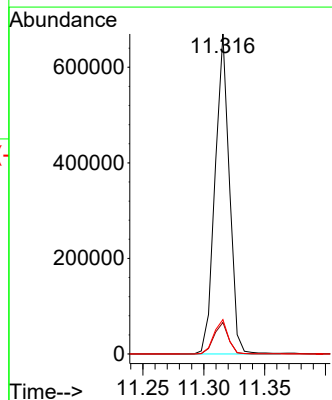
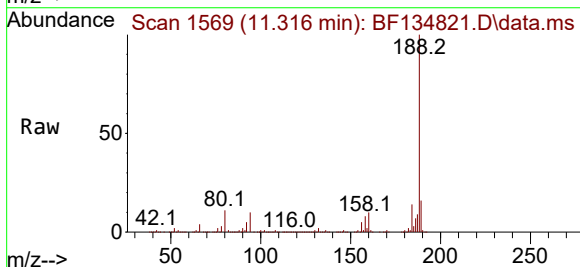
Instrument :
BNA_F
ClientSampleId :
E-4

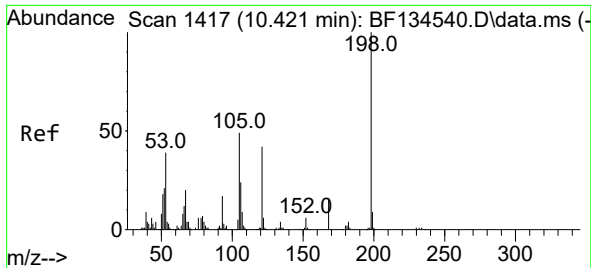
Tgt Ion:165 Resp: 40162
Ion Ratio Lower Upper
165 100
63 1.3 48.9 73.3#
89 1.3 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134821.D
Acq: 17 Aug 2023 17:20

Tgt Ion:188 Resp: 549275
Ion Ratio Lower Upper
188 100
94 9.9 5.1 7.7#
80 10.8 6.6 9.8#

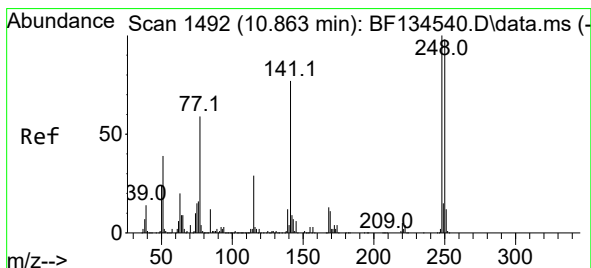
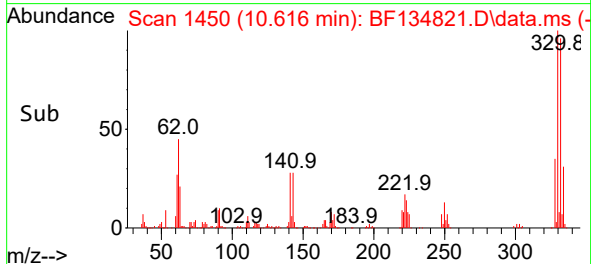
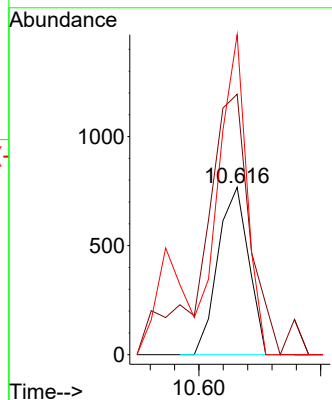
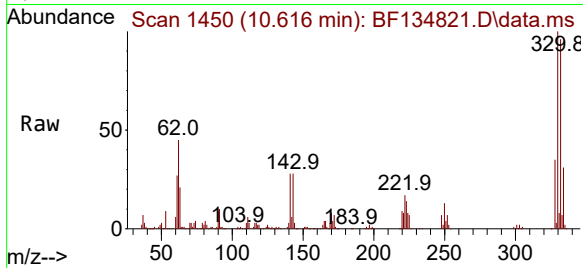




#65
4,6-Dinitro-2-methylphenol
Concen: 8.947 ng
RT: 10.616 min Scan# 1417
Delta R.T. 0.176 min
Lab File: BF134821.D
Acq: 17 Aug 2023 17:20

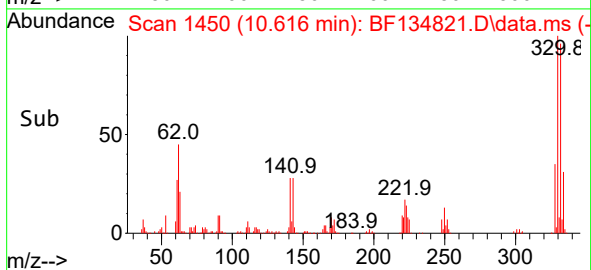
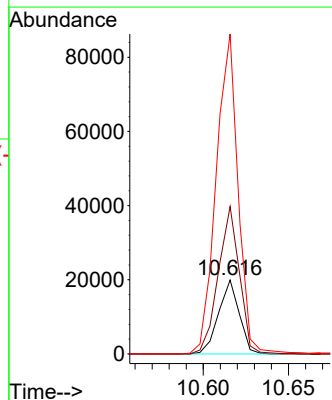
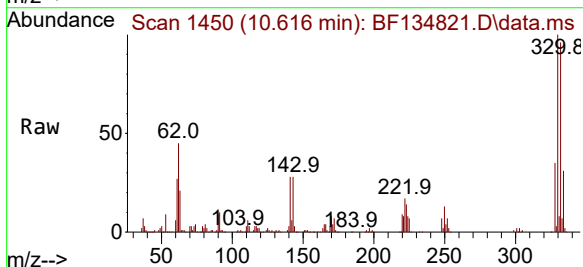
Instrument :
BNA_F
ClientSampleId :
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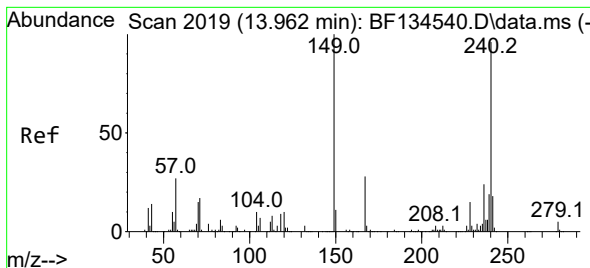
Tgt Ion:198 Resp: 672
Ion Ratio Lower Upper
198 100
51 155.7 38.6 78.6#
105 191.3 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.800 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.253 min
Lab File: BF134821.D
Acq: 17 Aug 2023 17:20

Tgt Ion:248 Resp: 16837
Ion Ratio Lower Upper
248 100
250 199.6 79.6 119.4#
141 433.2 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF134821.D

Acq: 17 Aug 2023 17:20

Instrument :

BNA_F

ClientSampleId :

E-4

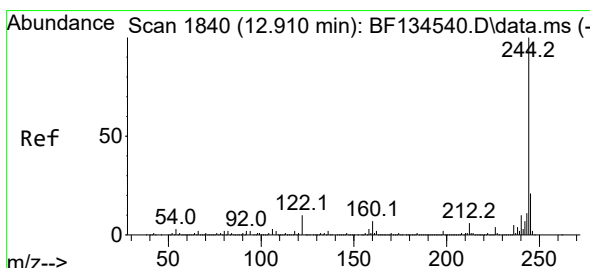
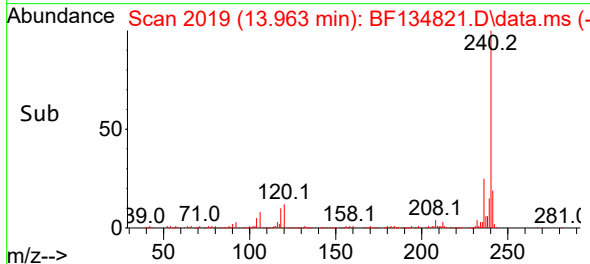
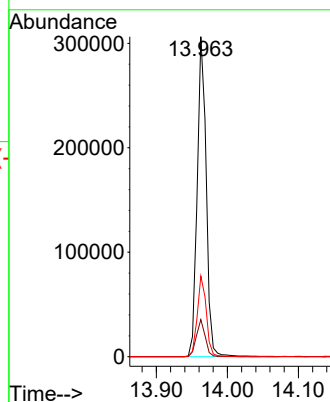
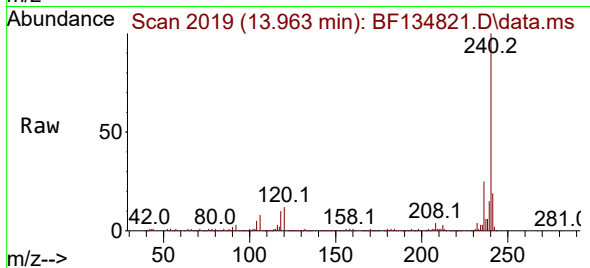
Tgt Ion:240 Resp: 271300

Ion Ratio Lower Upper

240 100

120 11.6 6.6 10.0#

236 25.2 20.2 30.2



#79

Terphenyl-d14

Concen: 61.175 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF134821.D

Acq: 17 Aug 2023 17:20

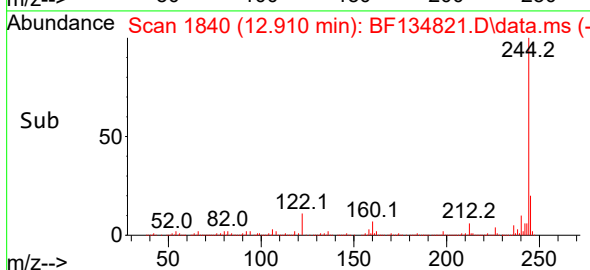
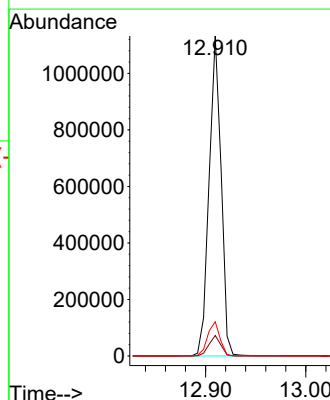
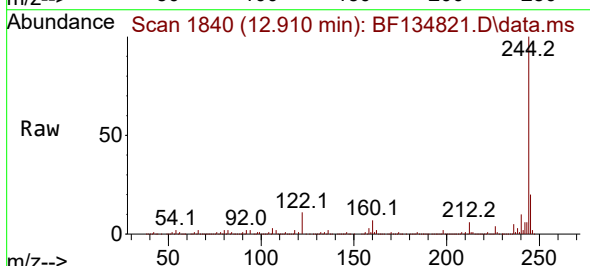
Tgt Ion:244 Resp: 941465

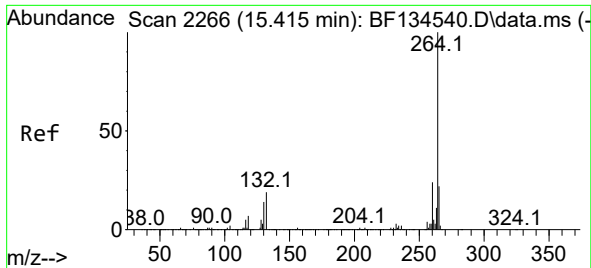
Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

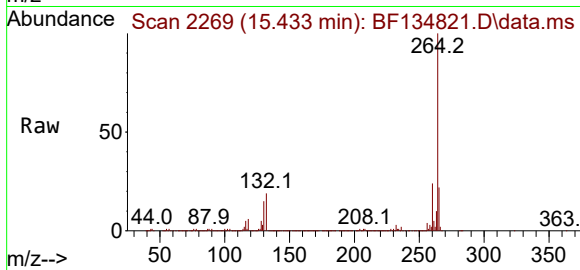
122 10.7 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF134821.D
 Acq: 17 Aug 2023 17:20

Instrument :
 BNA_F
 ClientSampleId :
 E-4



Tgt Ion:264 Resp: 336149
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.6 15.8 23.8

