

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134560.D
 Acq On : 01 Aug 2023 21:31
 Operator : CG\JU
 Sample : 03741-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 02:46:19 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)

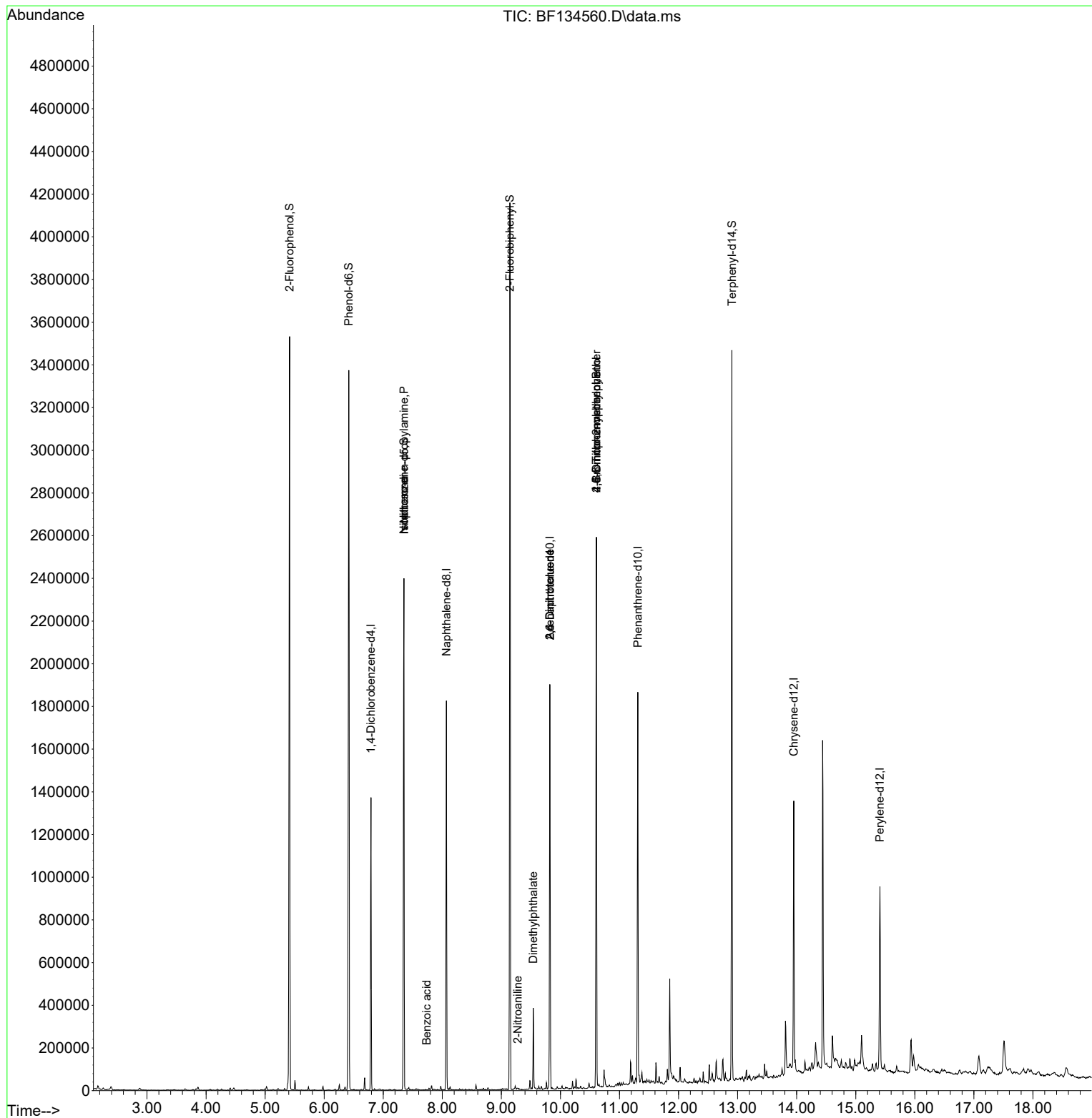
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	175278	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	687276	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	341506	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	602459	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	361504	20.000	ng	#-0.01
86) Perylene-d12	15.410	264	375002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	963793	83.585	ng	0.00
7) Phenol-d6	6.416	99	1241917	84.256	ng	-0.01
23) Nitrobenzene-d5	7.351	82	705483	64.148	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	298693	85.799	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1230439	59.907	ng	0.00
79) Terphenyl-d14	12.904	244	1106815	53.974	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.340	77	386	Below Cal	#	79
19) n-Nitroso-di-n-propyla...	7.351	70	94709	10.732	ng	# 74
25) Isophorone	7.351	82	705528	29.413	ng	# 65
32) Benzoic acid	7.734	122	131	7.883	ng	# 86
48) 2-Nitroaniline	9.275	65	150	3.189	ng	# 8
50) Dimethylphthalate	9.539	163	130222	5.595	ng	97
51) 2,6-Dinitrotoluene	9.822	165	45328	11.506	ng	# 17
57) 2,4-Dinitrotoluene	9.822	165	45328	10.253	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.610	198	708	8.937	ng	# 1
67) 4-Bromophenyl-phenylether	10.610	248	18912	2.868	ng	# 1

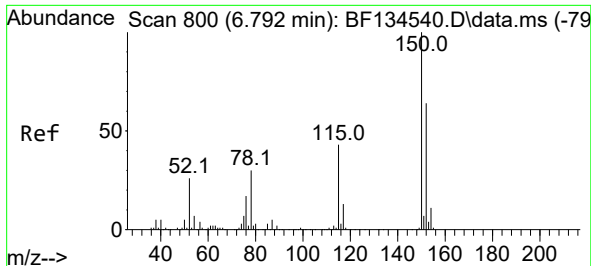
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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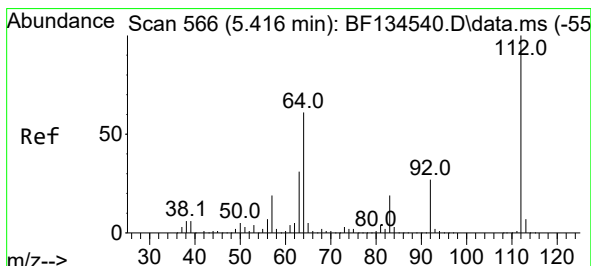
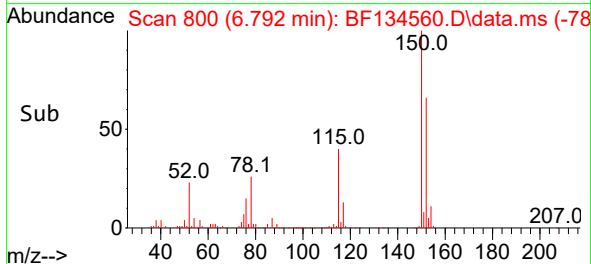
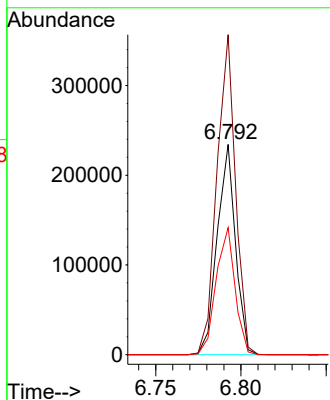
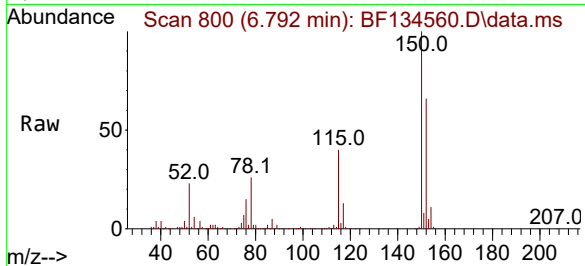




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: BF134560.D
 Acq: 01 Aug 2023 21:31

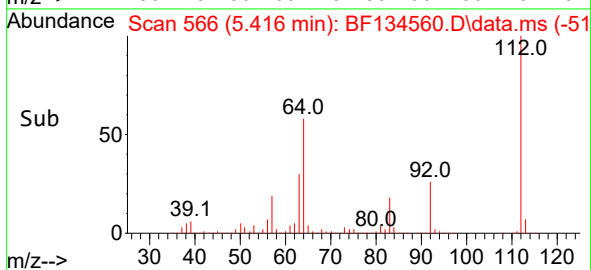
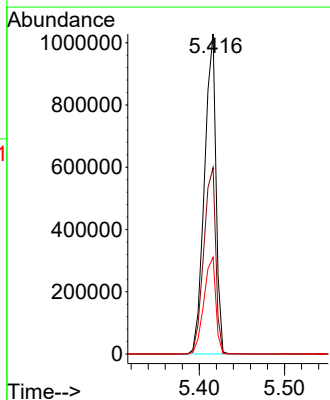
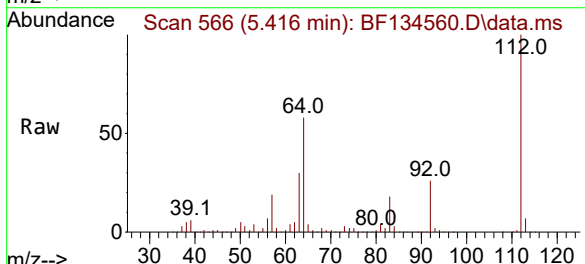
Instrument :
 BNA_F
 ClientSampleId :

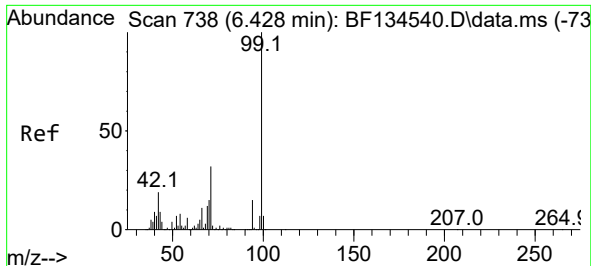
Tgt Ion:152 Resp: 175278
 Ion Ratio Lower Upper
 152 100
 150 152.2 128.3 192.5
 115 60.5 52.4 78.6



#5
 2-Fluorophenol
 Concen: 83.585 ng
 RT: 5.416 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: BF134560.D
 Acq: 01 Aug 2023 21:31

Tgt Ion:112 Resp: 963793
 Ion Ratio Lower Upper
 112 100
 64 58.3 44.9 67.3
 63 30.2 25.4 38.0

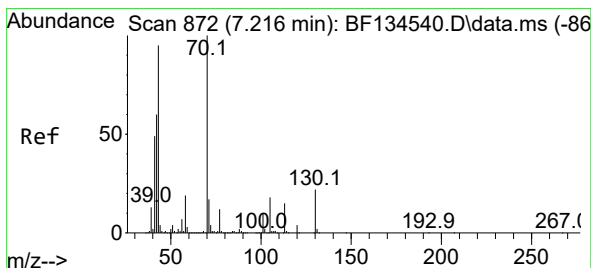
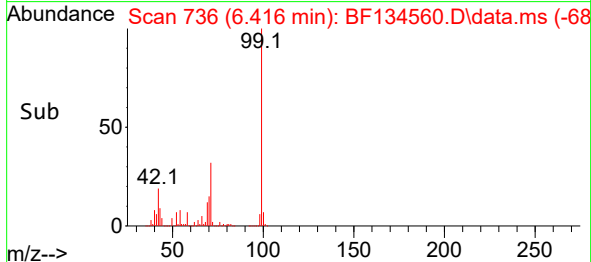
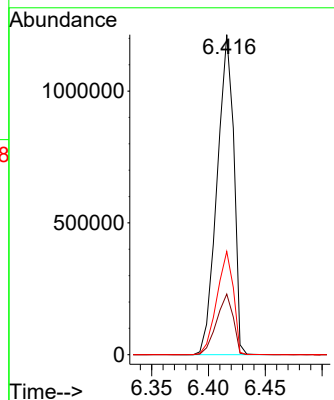
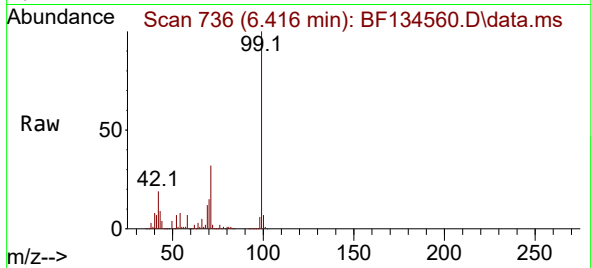




#7
Phenol-d6
Concen: 84.256 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

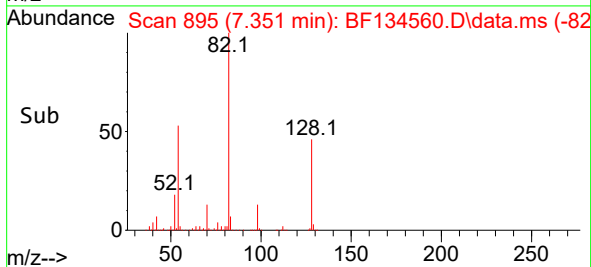
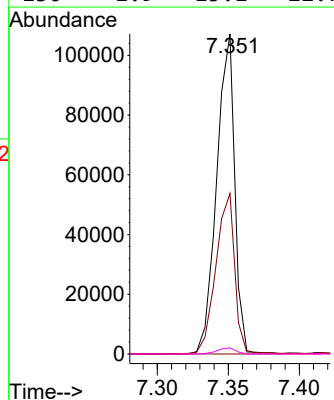
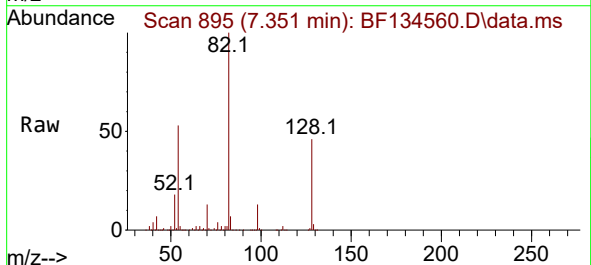
Instrument :
BNA_F
ClientSampleId :

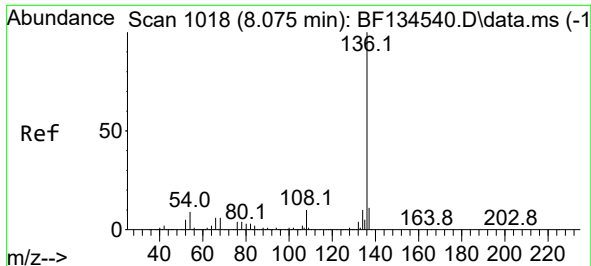
Tgt Ion: 99 Resp: 1241917
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 32.3 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 10.732 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

Tgt Ion: 70 Resp: 94709
Ion Ratio Lower Upper
70 100
42 50.1 54.7 82.1#
101 0.0 8.2 12.2#
130 1.9 15.1 22.7#



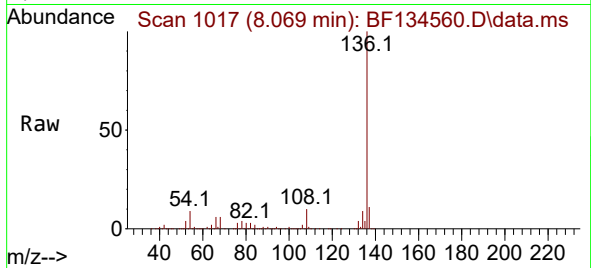


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

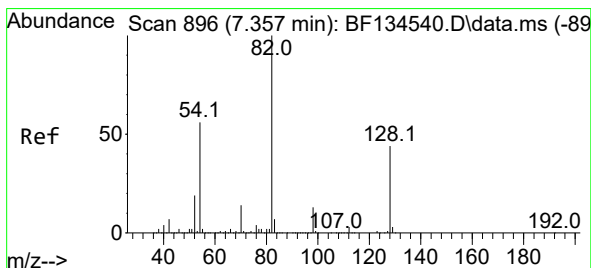
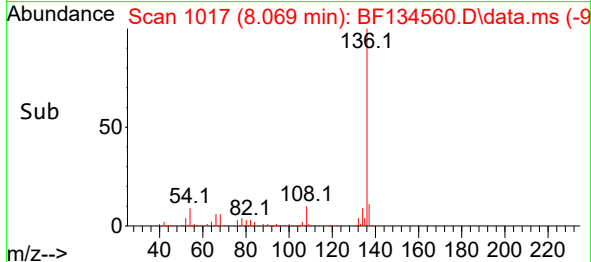
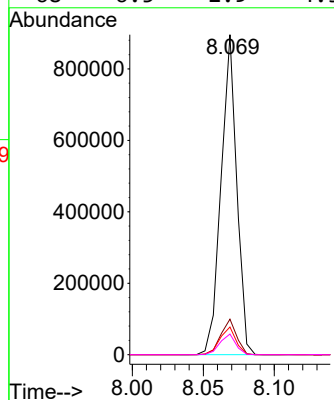
Instrument :

BNA_F

ClientSampleId :

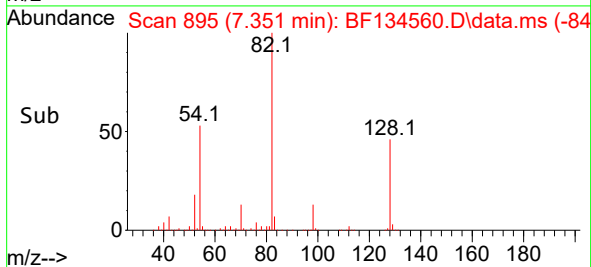
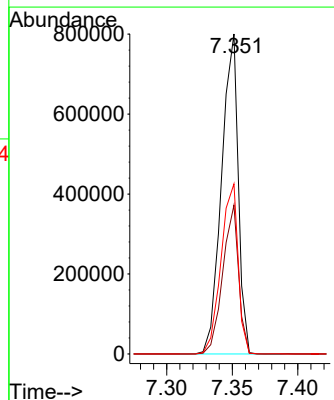
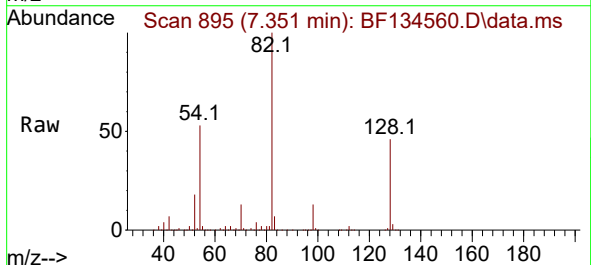


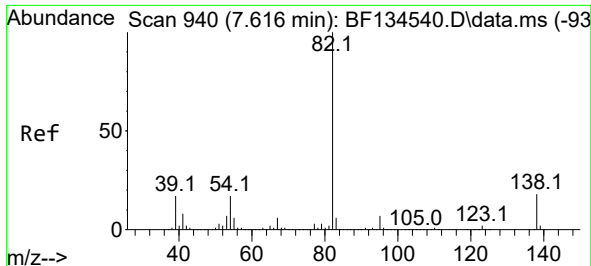
Tgt Ion:136 Resp: 687276
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.6 5.2 7.8#
68 6.5 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 64.148 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

Tgt Ion: 82 Resp: 705483
Ion Ratio Lower Upper
82 100
128 46.5 34.3 51.5
54 53.2 43.8 65.6

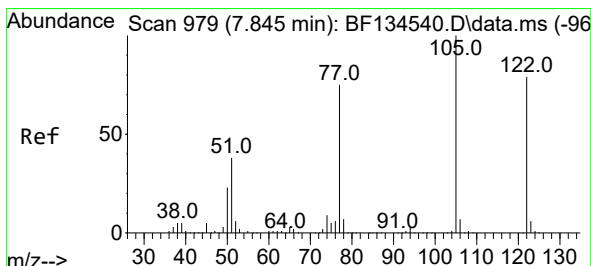
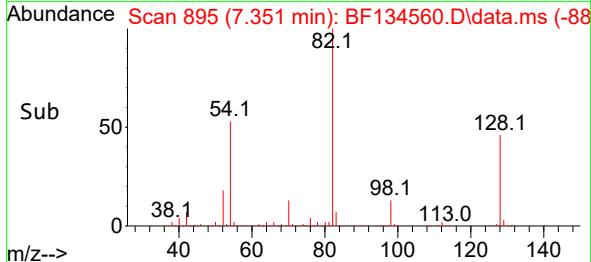
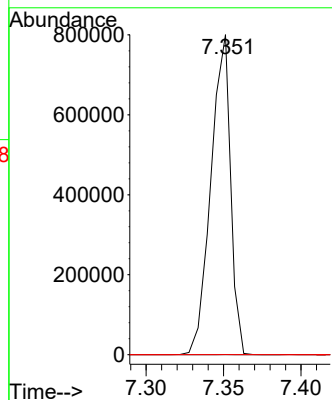
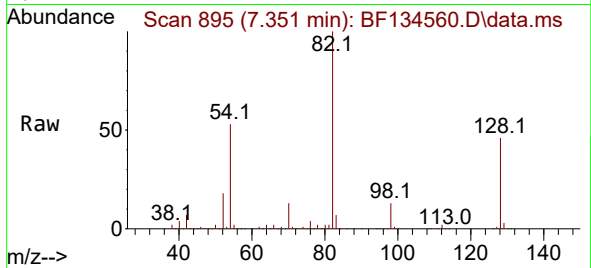




#25
Isophorone
Concen: 29.413 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

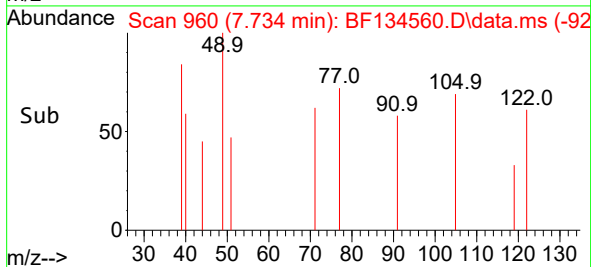
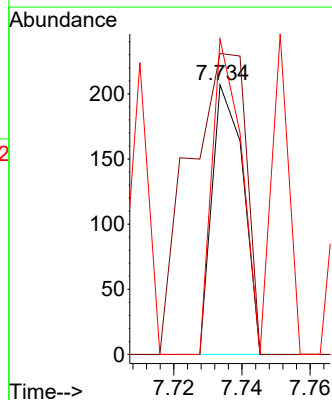
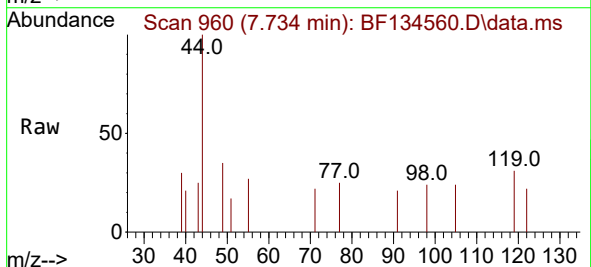
Instrument :
BNA_F
ClientSampleId :

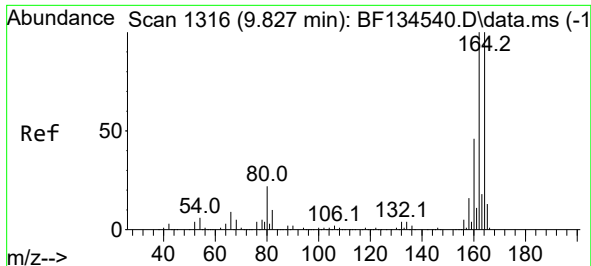
Tgt Ion: 82 Resp: 705528
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.883 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.111 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

Tgt Ion: 122 Resp: 131
Ion Ratio Lower Upper
122 100
105 111.6 87.5 127.5
77 116.9 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: BF134560.D

Acq: 01 Aug 2023 21:31

Instrument :

BNA_F

ClientSampleId :

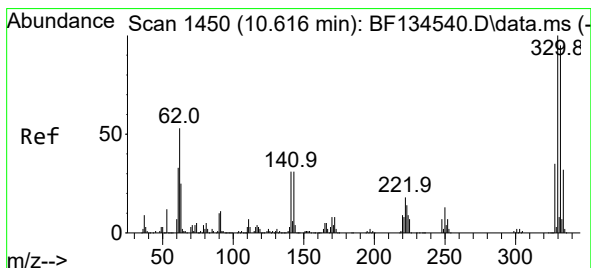
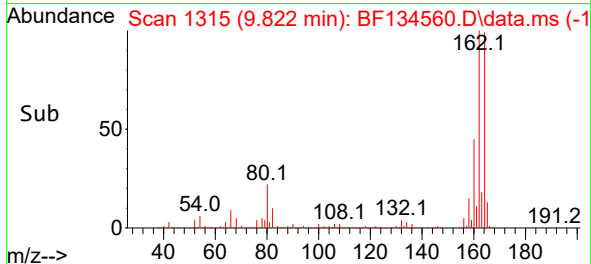
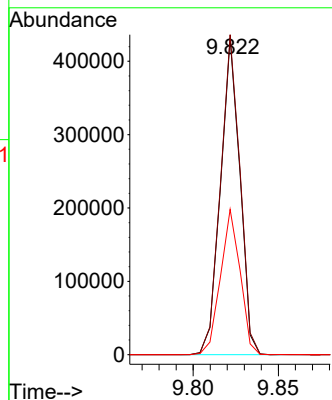
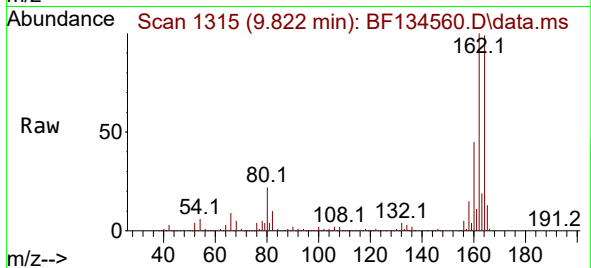
Tgt Ion:164 Resp: 341506

Ion Ratio Lower Upper

164 100

162 101.0 82.6 123.8

160 45.9 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 85.799 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF134560.D

Acq: 01 Aug 2023 21:31

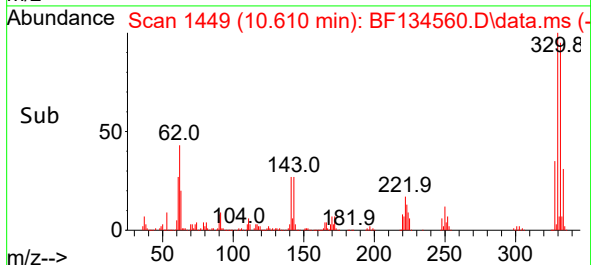
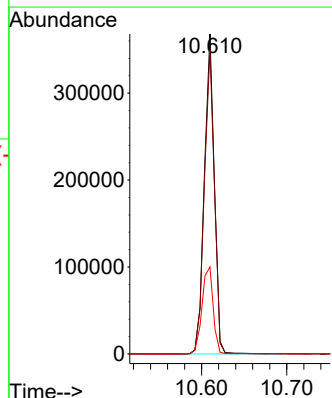
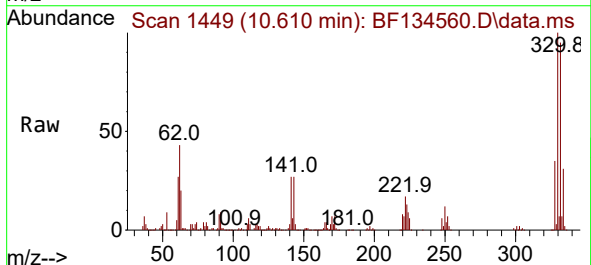
Tgt Ion:330 Resp: 298693

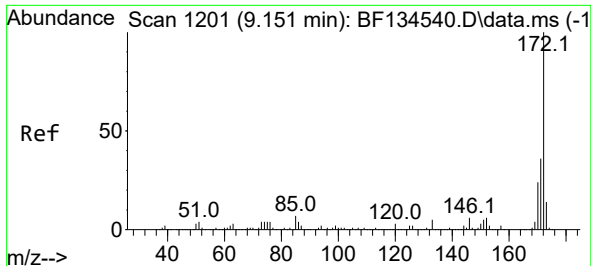
Ion Ratio Lower Upper

330 100

332 96.1 78.8 118.2

141 30.8 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 59.907 ng

RT: 9.145 min Scan# 11

Delta R.T. -0.006 min

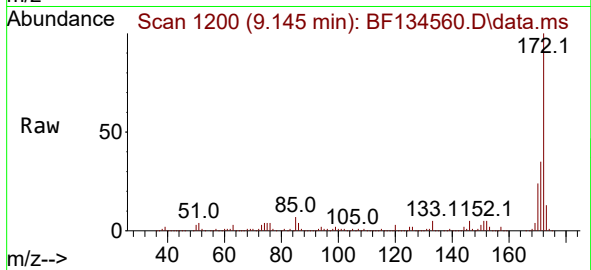
Lab File: BF134560.D

Acq: 01 Aug 2023 21:31

Instrument :

BNA_F

ClientSampleId :



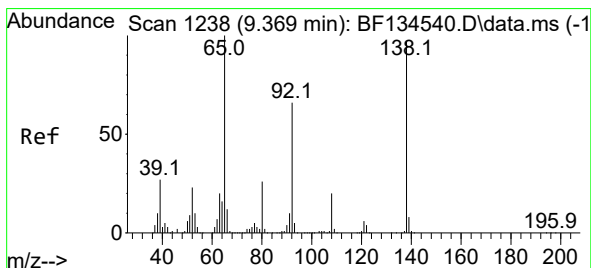
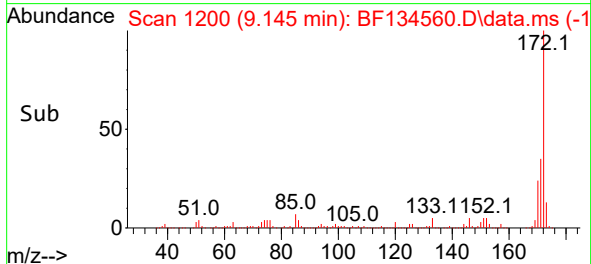
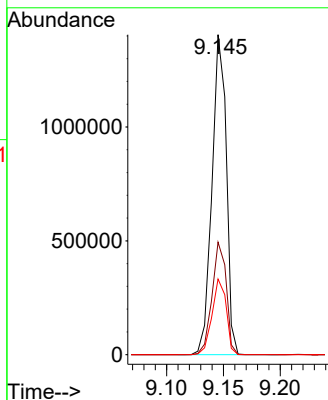
Tgt Ion:172 Resp: 1230439

Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.7 18.7 28.1



#48

2-Nitroaniline

Concen: 3.189 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.094 min

Lab File: BF134560.D

Acq: 01 Aug 2023 21:31

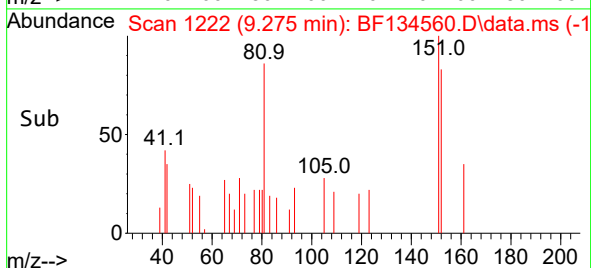
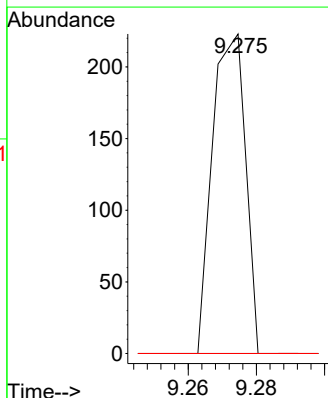
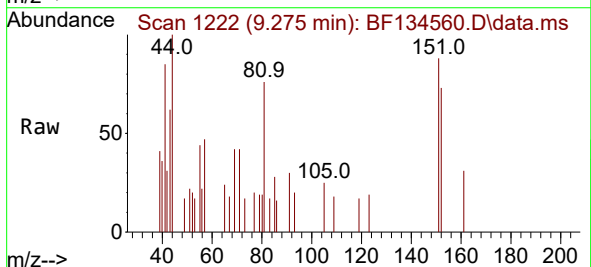
Tgt Ion: 65 Resp: 150

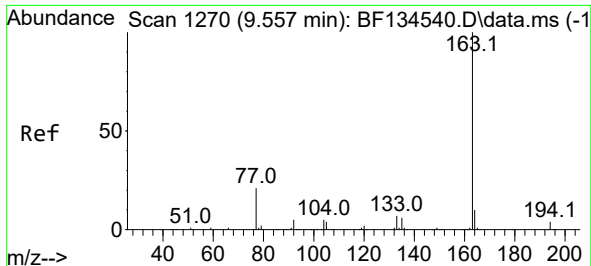
Ion Ratio Lower Upper

65 100

92 0.0 50.7 76.1#

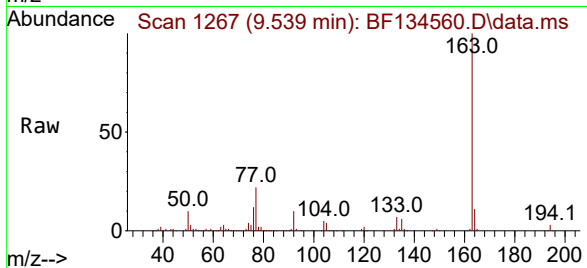
138 0.0 78.2 117.4#



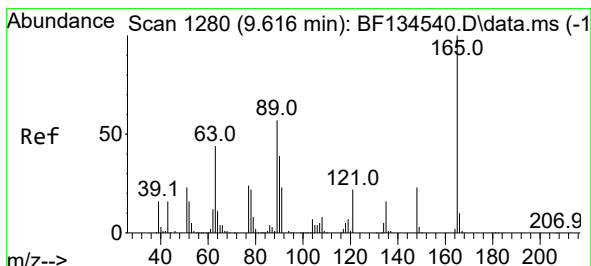
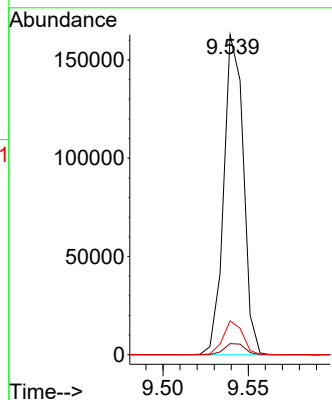
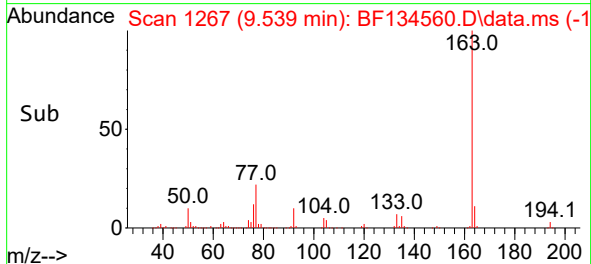


#50
Dimethylphthalate
Concen: 5.595 ng
RT: 9.539 min Scan# 1315
Delta R.T. -0.018 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

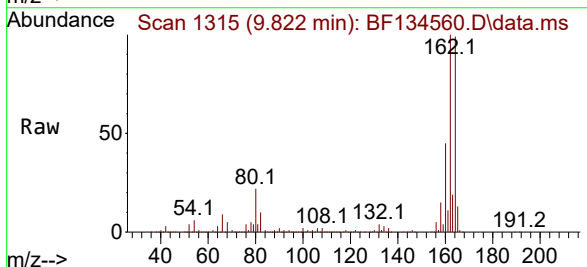
Instrument :
BNA_F
ClientSampleId :



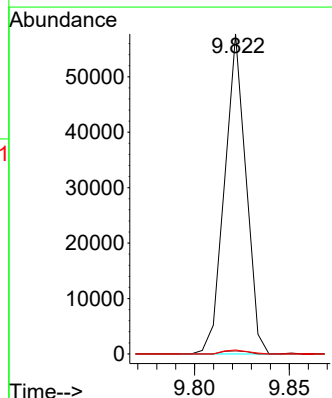
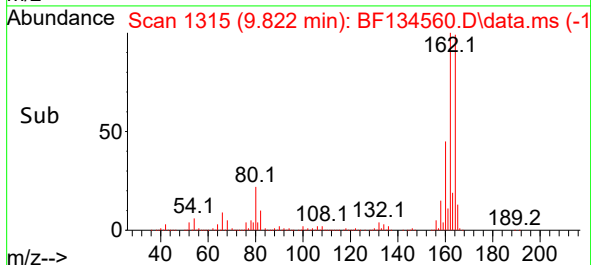
Tgt Ion:163 Resp: 130222
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 10.6 7.5 11.3

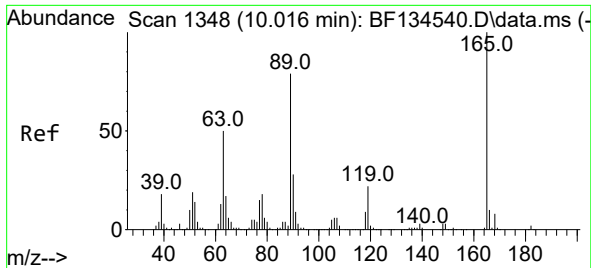


#51
2,6-Dinitrotoluene
Concen: 11.506 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31



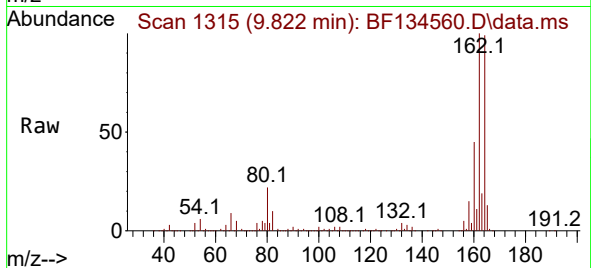
Tgt Ion:165 Resp: 45328
Ion Ratio Lower Upper
165 100
63 0.9 57.8 86.6#
89 1.3 51.8 77.8#



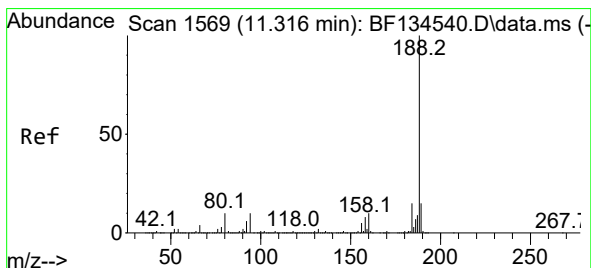
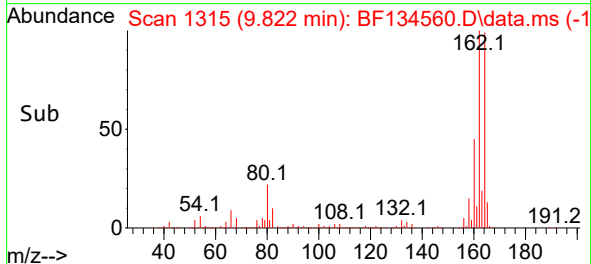
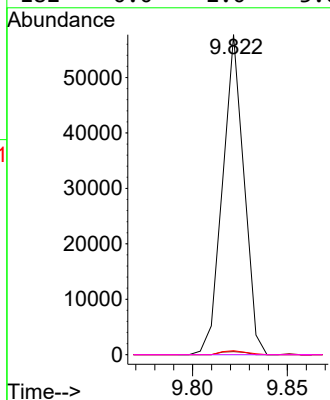


#57
2,4-Dinitrotoluene
Concen: 10.253 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

Instrument :
BNA_F
ClientSampleId :

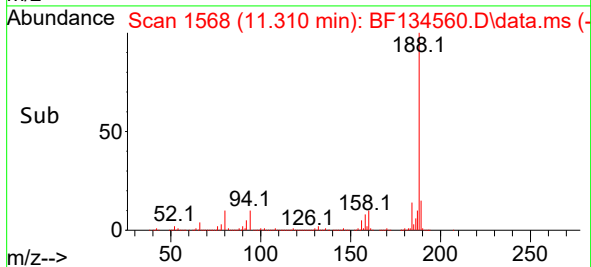
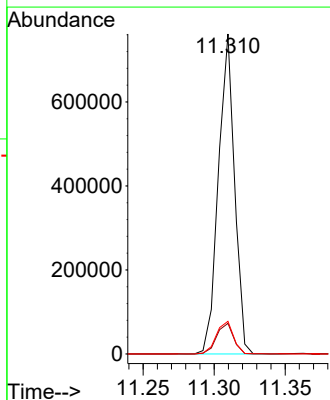
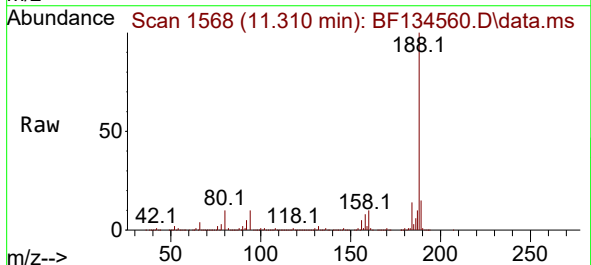


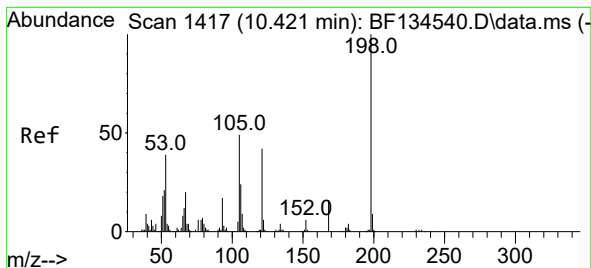
Tgt Ion:165 Resp: 45328
Ion Ratio Lower Upper
165 100
63 0.9 48.9 73.3#
89 1.3 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

Tgt Ion:188 Resp: 602459
Ion Ratio Lower Upper
188 100
94 9.5 5.1 7.7#
80 10.2 6.6 9.8#

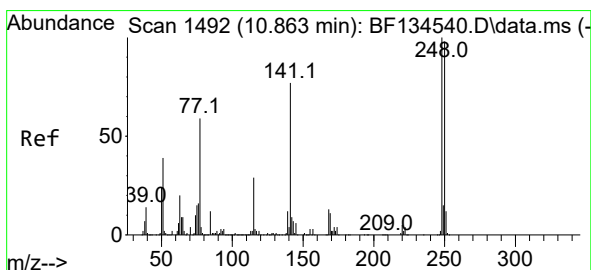
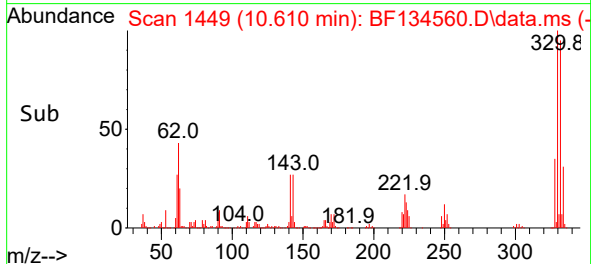
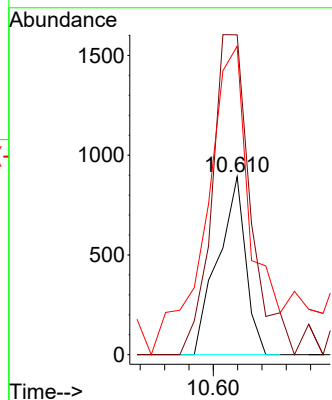
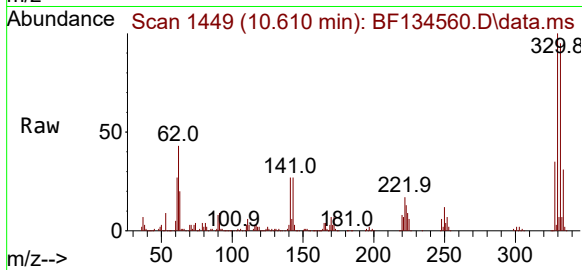




#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.937 ng
 RT: 10.610 min Scan# 1417
 Delta R.T. 0.189 min
 Lab File: BF134560.D
 Acq: 01 Aug 2023 21:31

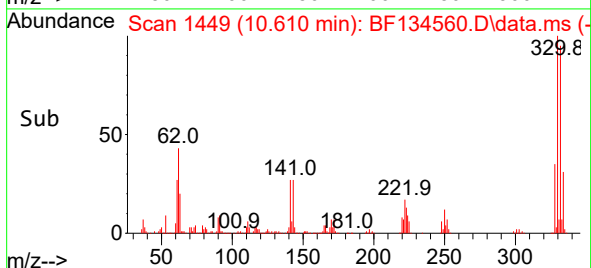
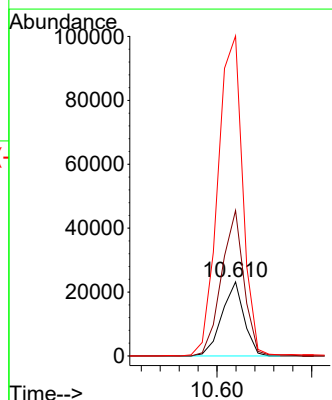
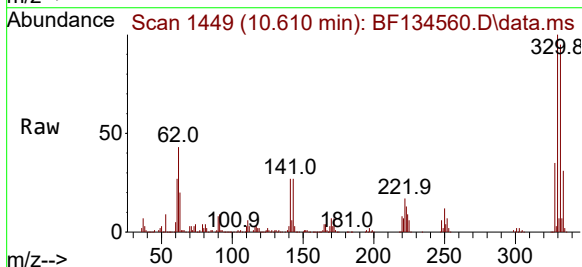
Instrument :
 BNA_F
 ClientSampleId :

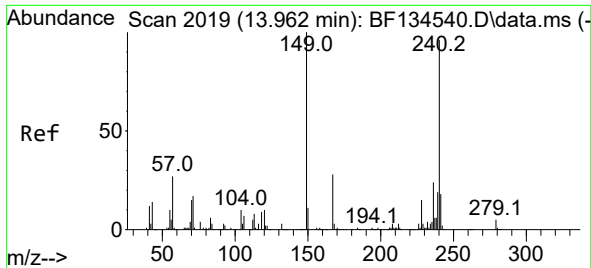
Tgt Ion:198 Resp: 708
 Ion Ratio Lower Upper
 198 100
 51 179.7 38.6 78.6#
 105 173.3 27.9 67.9#



#67
 4-Bromophenyl-phenylether
 Concen: 2.868 ng
 RT: 10.610 min Scan# 1449
 Delta R.T. -0.253 min
 Lab File: BF134560.D
 Acq: 01 Aug 2023 21:31

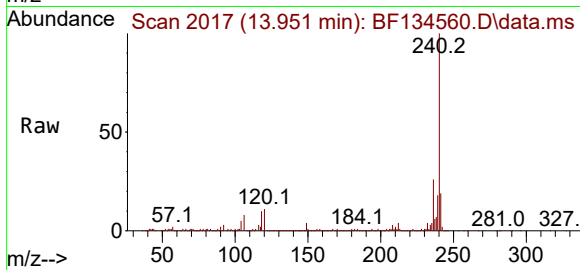
Tgt Ion:248 Resp: 18912
 Ion Ratio Lower Upper
 248 100
 250 196.1 79.6 119.4#
 141 431.6 59.6 89.4#



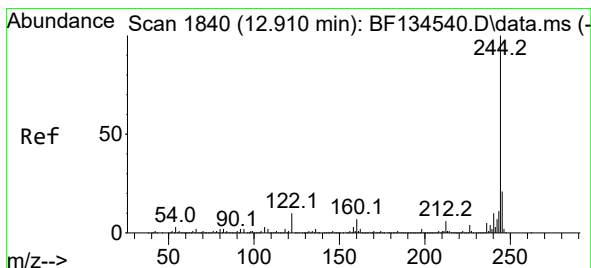
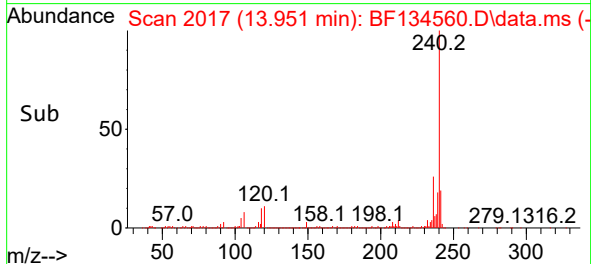
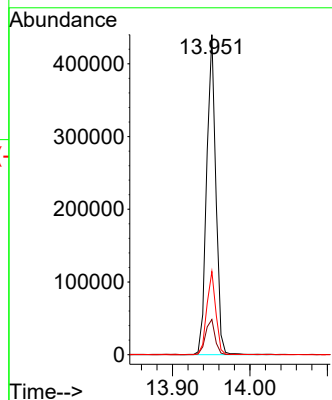


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

Instrument :
BNA_F
ClientSampleId :

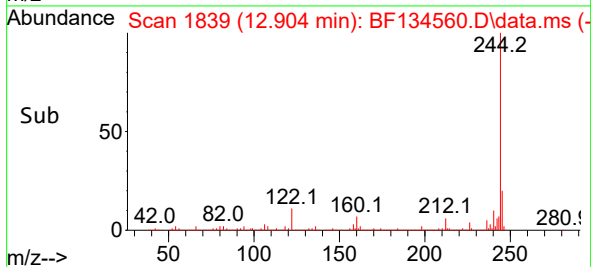
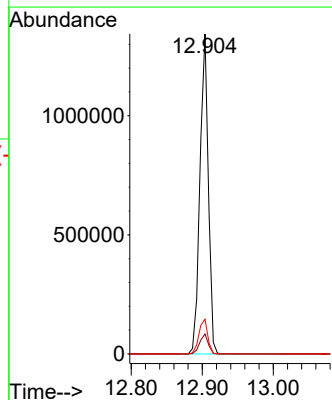
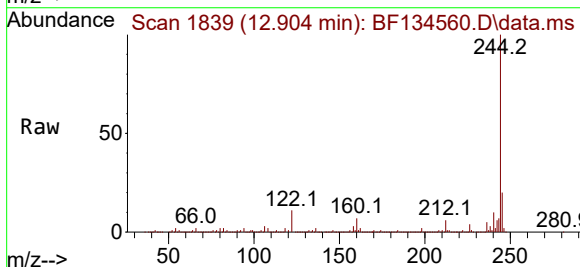


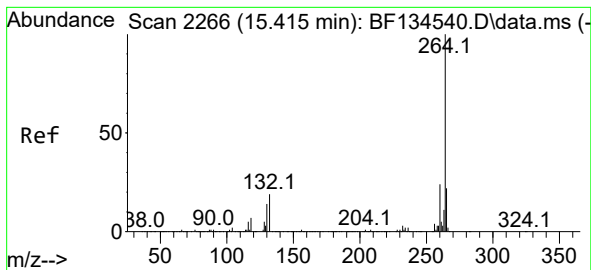
Tgt Ion:240 Resp: 361504
Ion Ratio Lower Upper
240 100
120 11.0 6.6 10.0#
236 26.0 20.2 30.2



#79
Terphenyl-d14
Concen: 53.974 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

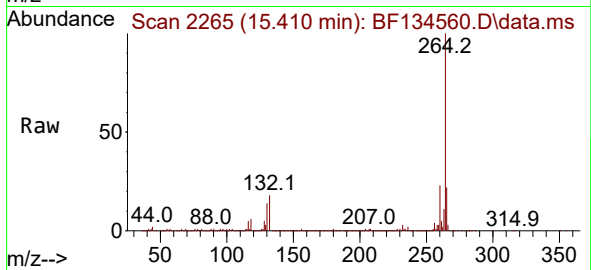
Tgt Ion:244 Resp: 1106815
Ion Ratio Lower Upper
244 100
212 6.3 5.6 8.4
122 10.8 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.410 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF134560.D
Acq: 01 Aug 2023 21:31

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 375002
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.8 15.8 23.8

