

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080123\
 Data File : BF134558.D
 Acq On : 01 Aug 2023 20:28
 Operator : CG\JU
 Sample : 03741-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 02:45:51 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)

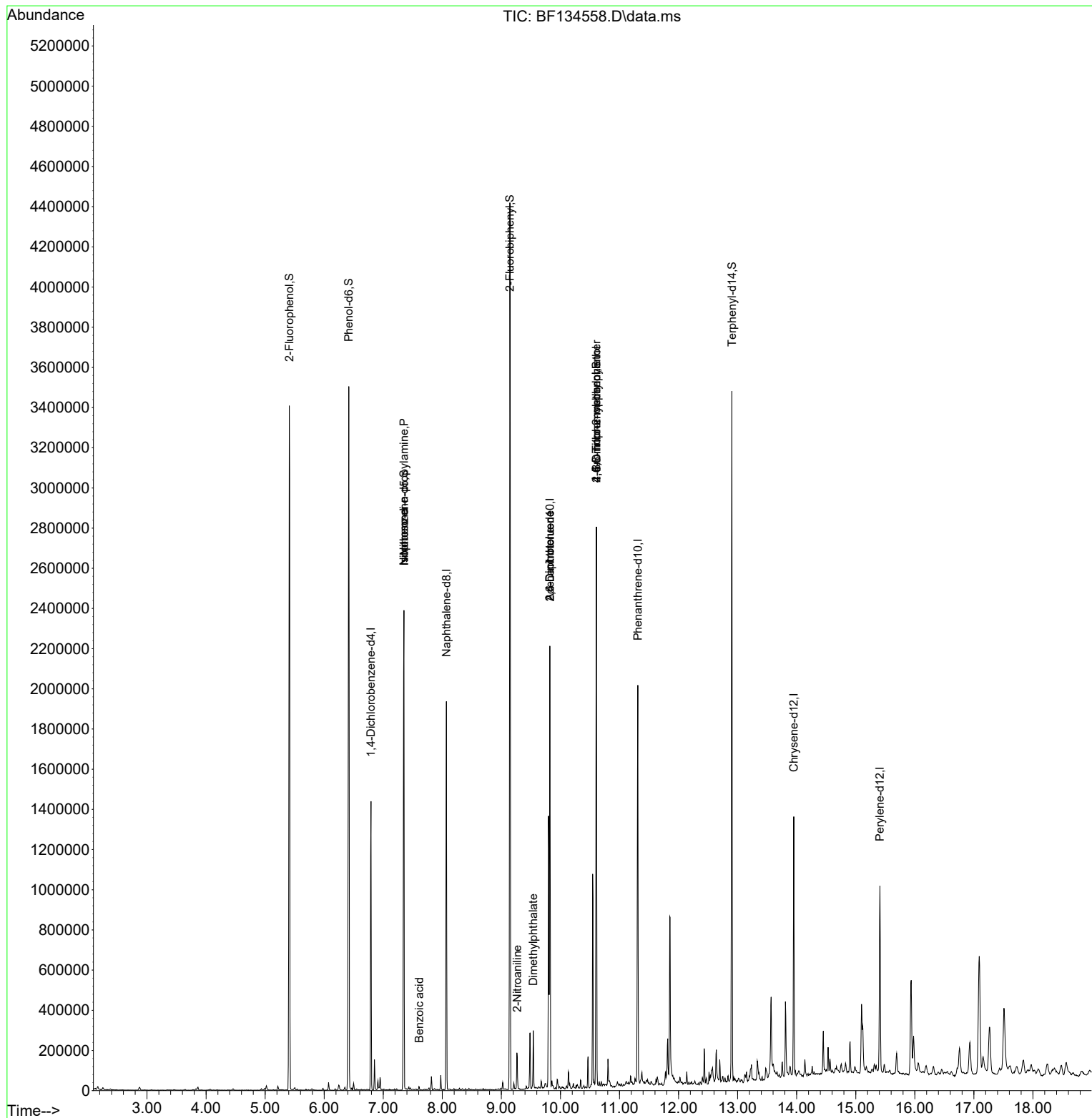
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	193277	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	768864	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	386213	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	668951	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	372386	20.000	ng	#-0.01
86) Perylene-d12	15.409	264	399549	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	981610	77.202	ng	0.00
7) Phenol-d6	6.416	99	1272711	78.304	ng	-0.01
23) Nitrobenzene-d5	7.351	82	729577	59.299	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	319938	81.263	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1305108	56.186	ng	0.00
79) Terphenyl-d14	12.904	244	1136430	53.798	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.339	77	976	Below Cal		96
19) n-Nitroso-di-n-propyla...	7.351	70	97497	10.019 ng	#	74
25) Isophorone	7.351	82	728677	27.154 ng	#	65
32) Benzoic acid	7.610	122	570	7.928 ng		88
48) 2-Nitroaniline	9.269	65	2605	3.513 ng	#	29
50) Dimethylphthalate	9.539	163	96387	3.662 ng		98
51) 2,6-Dinitrotoluene	9.822	165	49478	11.192 ng	#	17
57) 2,4-Dinitrotoluene	9.822	165	49478	9.995 ng	#	18
65) 4,6-Dinitro-2-methylph...	10.610	198	867	8.961 ng	#	1
67) 4-Bromophenyl-phenylether	10.610	248	19955	2.725 ng	#	1

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

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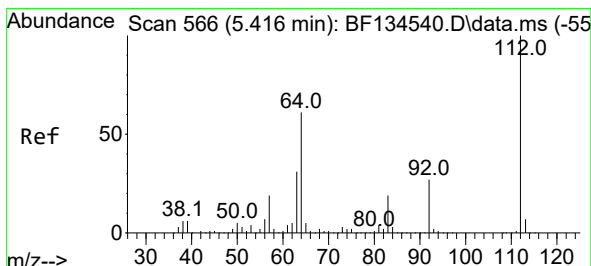
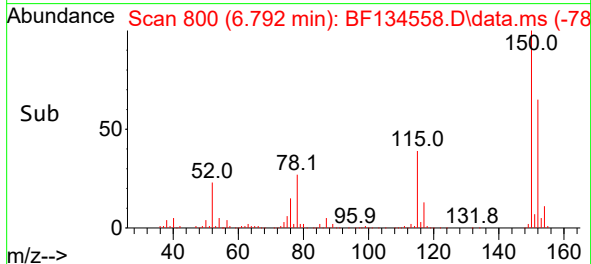
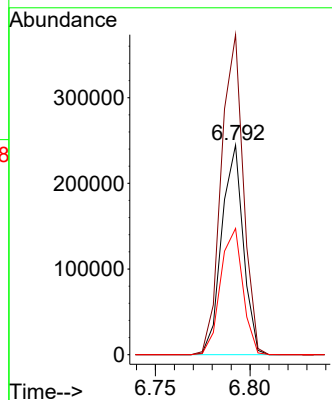
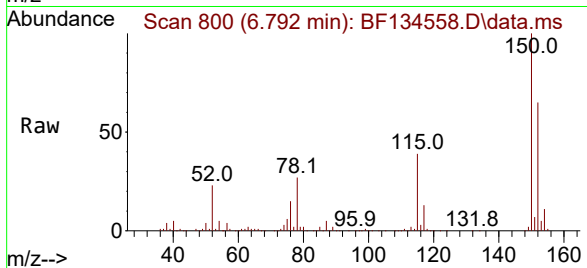




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28

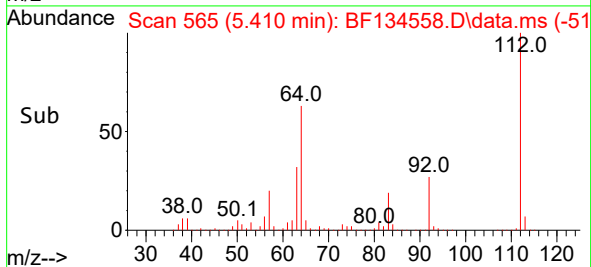
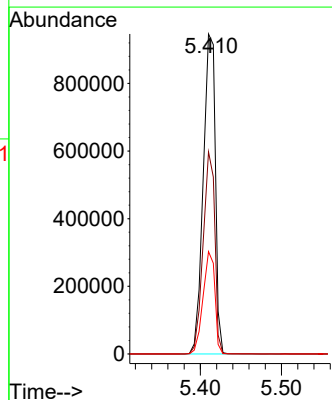
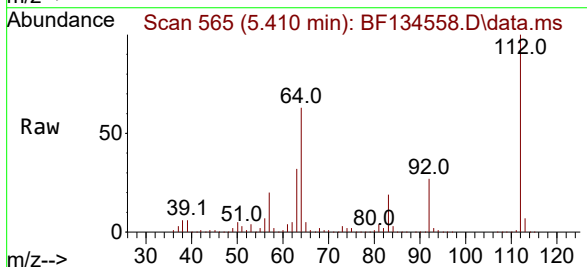
Instrument :
BNA_F
ClientSampleId :

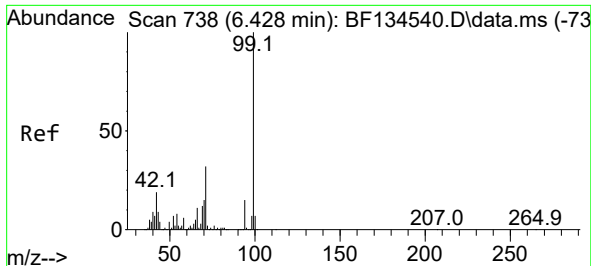
Tgt Ion:152 Resp: 193277
Ion Ratio Lower Upper
152 100
150 152.7 128.3 192.5
115 60.2 52.4 78.6



#5
2-Fluorophenol
Concen: 77.202 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28

Tgt Ion:112 Resp: 981610
Ion Ratio Lower Upper
112 100
64 63.1 44.9 67.3
63 32.0 25.4 38.0

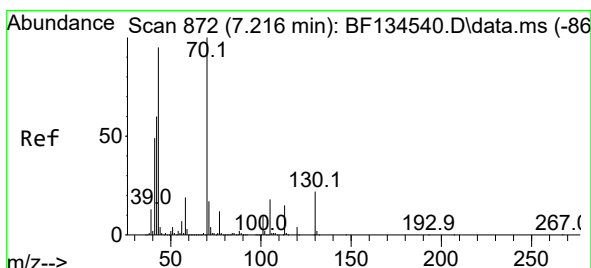
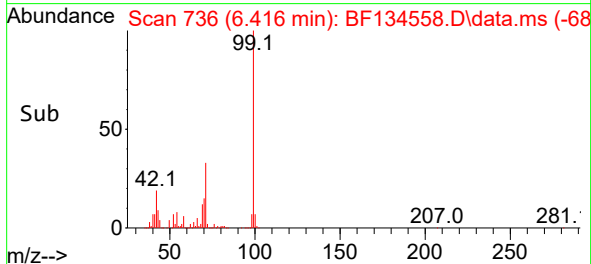
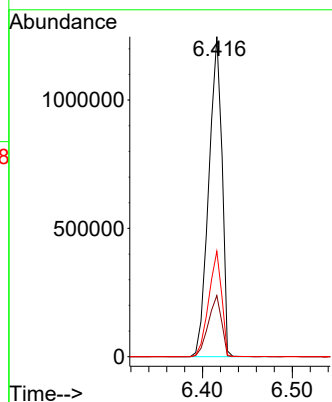
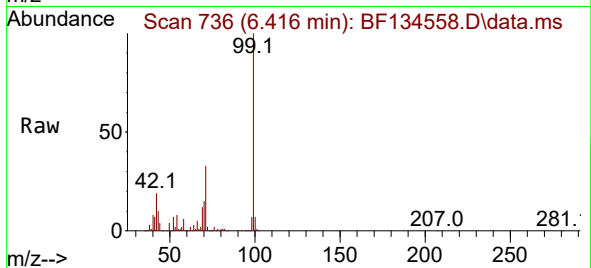




#7
Phenol-d6
Concen: 78.304 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28

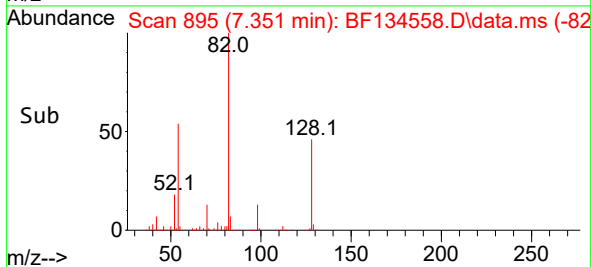
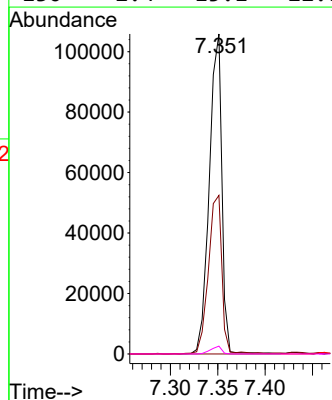
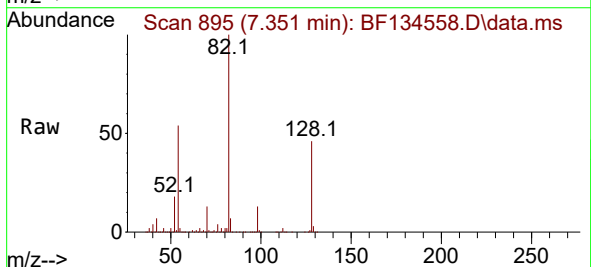
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1272711
Ion Ratio Lower Upper
99 100
42 19.1 18.7 28.1
71 33.0 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 10.019 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28

Tgt Ion: 70 Resp: 97497
Ion Ratio Lower Upper
70 100
42 49.6 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# 1017

Delta R.T. -0.006 min

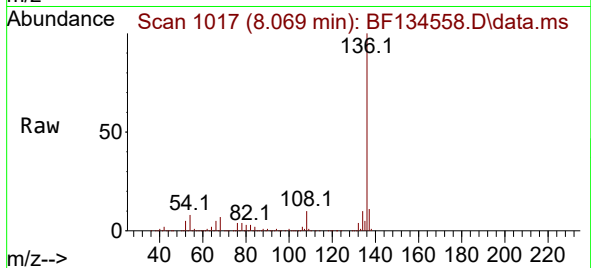
Lab File: BF134558.D

Acq: 01 Aug 2023 20:28

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 768864

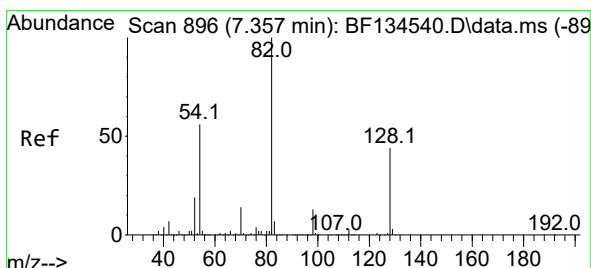
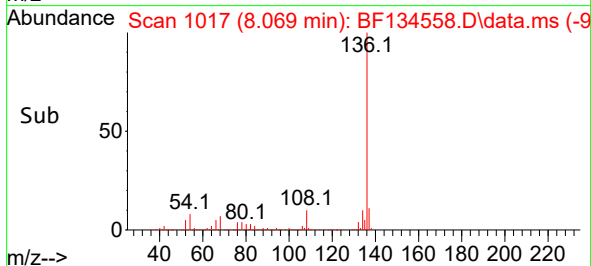
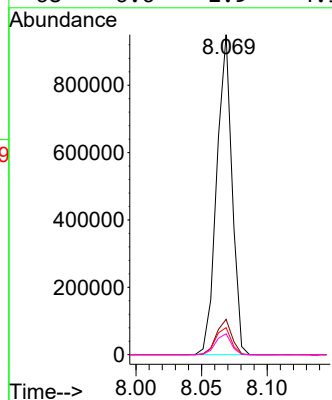
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.4 5.2 7.8#

68 6.6 2.9 4.3#



#23

Nitrobenzene-d5

Concen: 59.299 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF134558.D

Acq: 01 Aug 2023 20:28

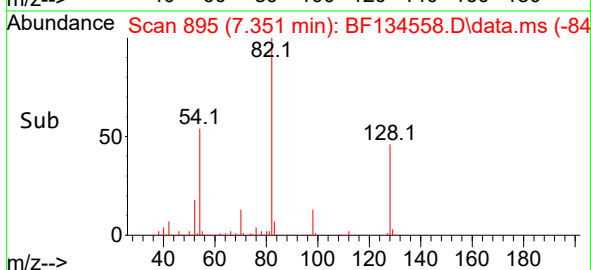
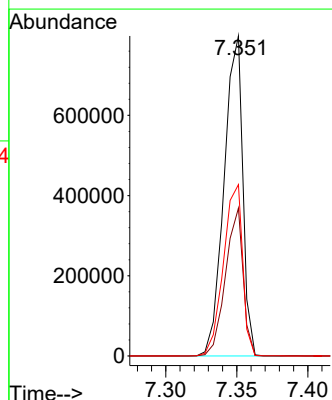
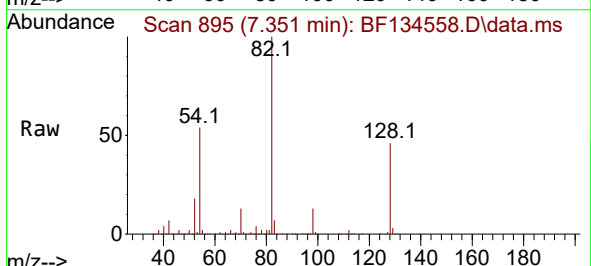
Tgt Ion: 82 Resp: 729577

Ion Ratio Lower Upper

82 100

128 46.2 34.3 51.5

54 53.6 43.8 65.6

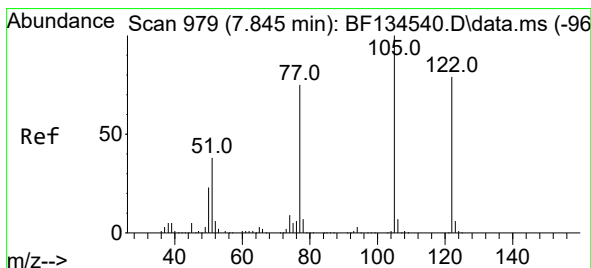
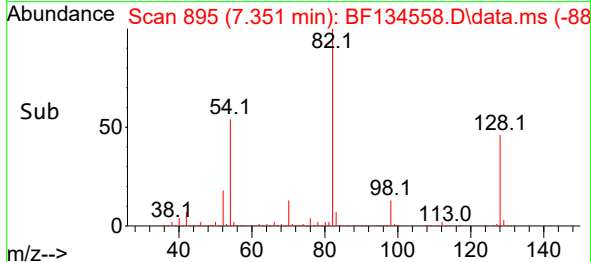
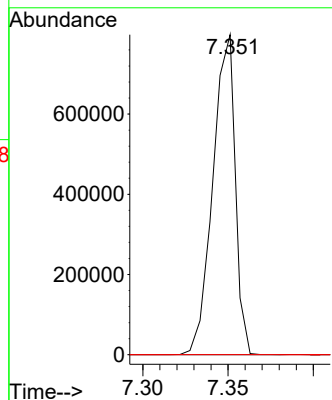
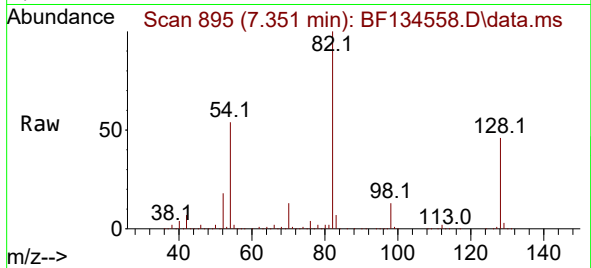




#25
Isophorone
Concen: 27.154 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28

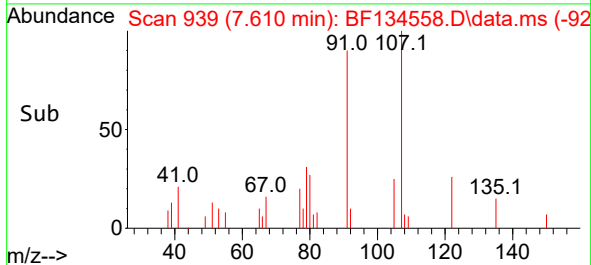
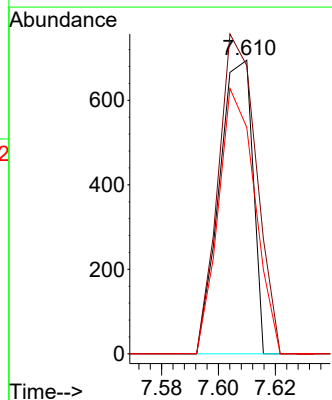
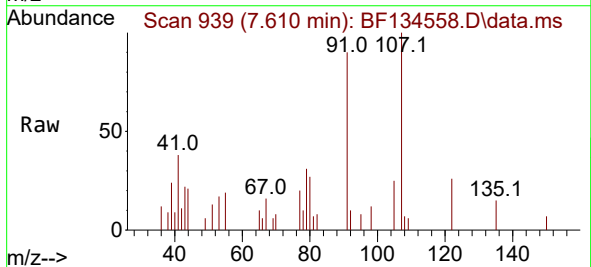
Instrument :
BNA_F
ClientSampleId :

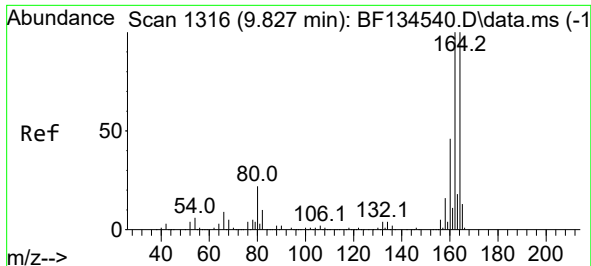
Tgt Ion: 82 Resp: 728677
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.928 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.235 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28

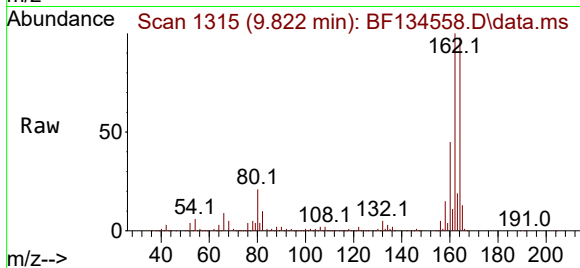
Tgt Ion:122 Resp: 570
Ion Ratio Lower Upper
122 100
105 98.1 87.5 127.5
77 77.1 71.4 111.4



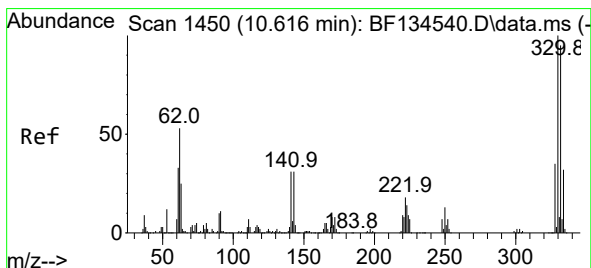
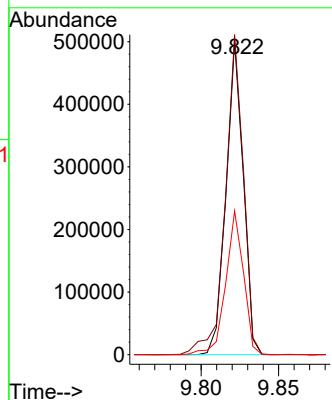
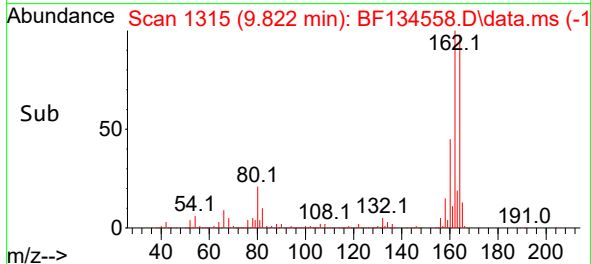


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28

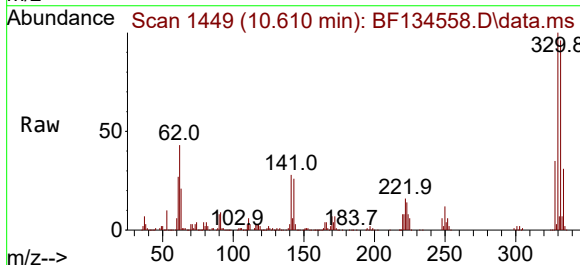
Instrument :
BNA_F
ClientSampleId :



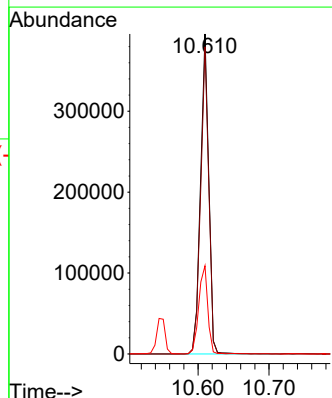
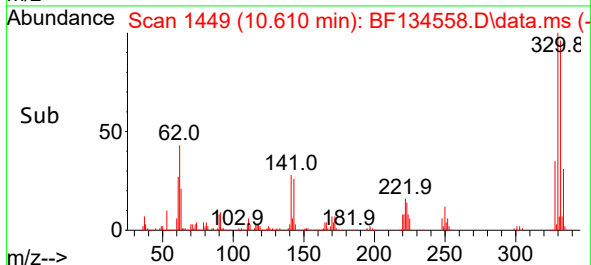
Tgt Ion:164 Resp: 386213
Ion Ratio Lower Upper
164 100
162 102.1 82.6 123.8
160 45.9 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 81.263 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28



Tgt Ion:330 Resp: 319938
Ion Ratio Lower Upper
330 100
332 95.0 78.8 118.2
141 30.3 25.4 38.2

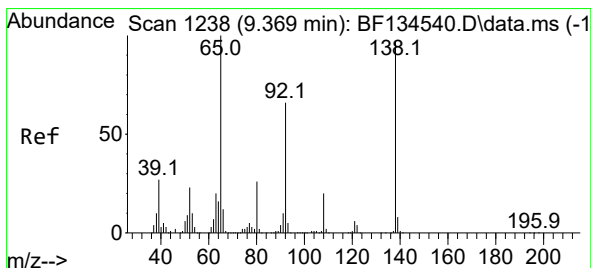
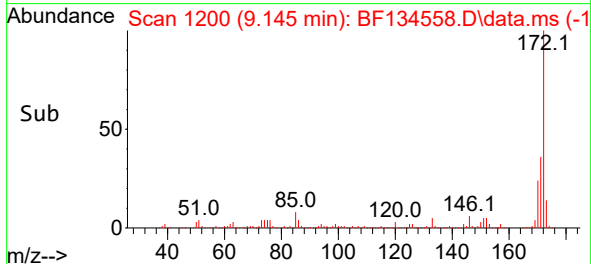
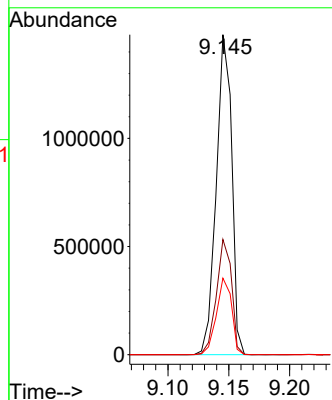
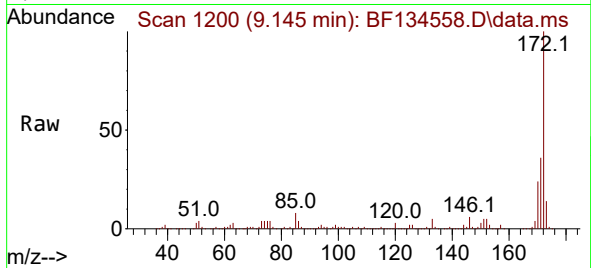




#45
2-Fluorobiphenyl
Concen: 56.186 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28

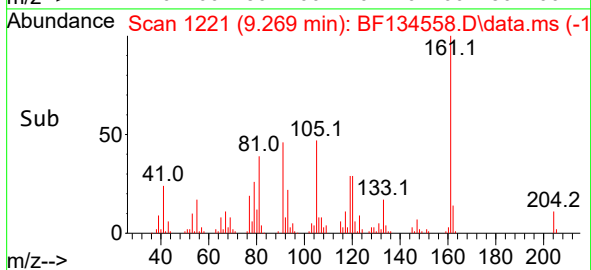
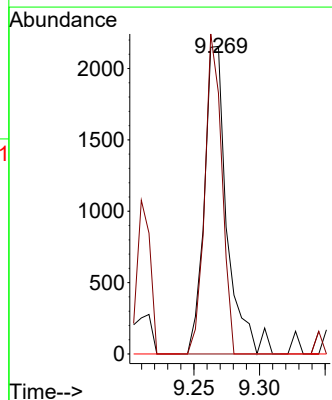
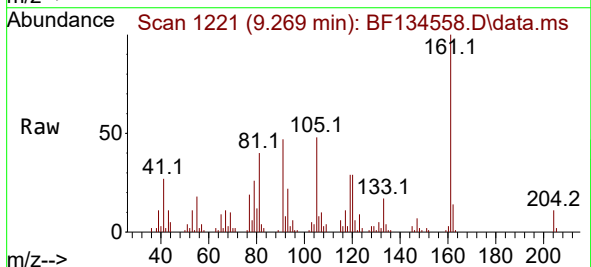
Instrument :
BNA_F
ClientSampleId :

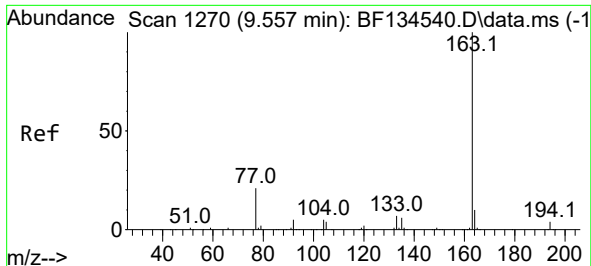
Tgt Ion:172 Resp: 1305108
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.9 18.7 28.1



#48
2-Nitroaniline
Concen: 3.513 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.100 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28

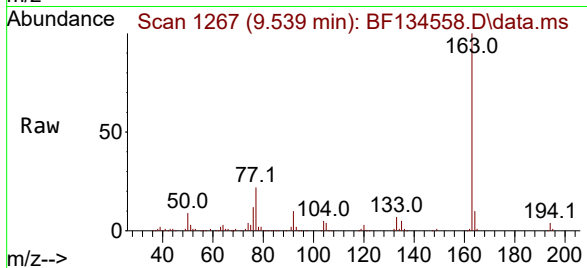
Tgt Ion: 65 Resp: 2605
Ion Ratio Lower Upper
65 100
92 84.8 50.7 76.1#
138 0.0 78.2 117.4#



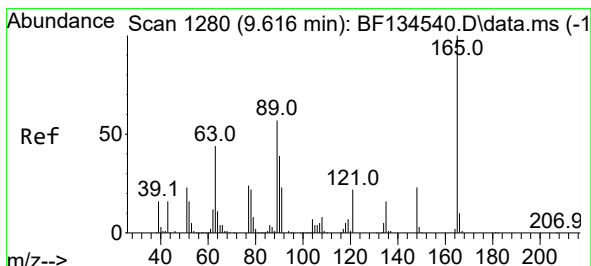
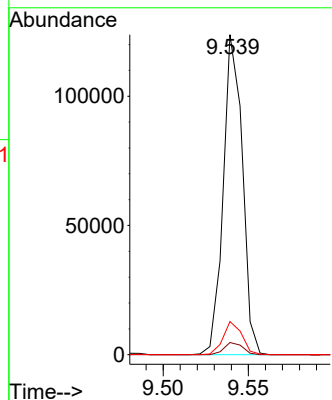
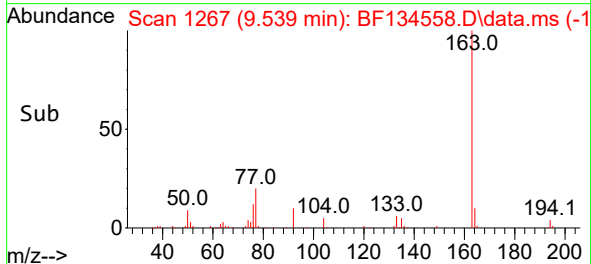


#50
Dimethylphthalate
Concen: 3.662 ng
RT: 9.539 min Scan# 1315
Delta R.T. -0.018 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28

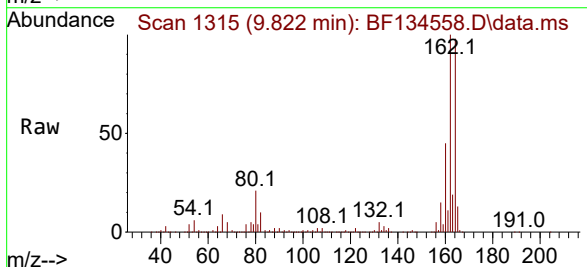
Instrument :
BNA_F
ClientSampleId :



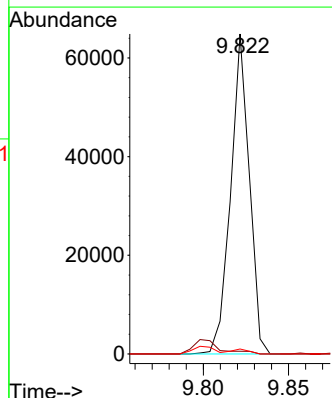
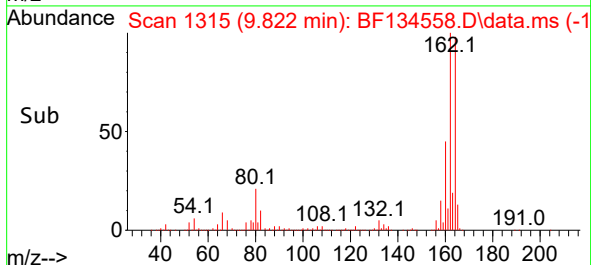
Tgt Ion:163 Resp: 96387
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.4 7.5 11.3

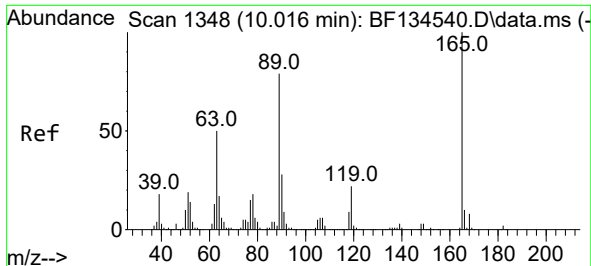


#51
2,6-Dinitrotoluene
Concen: 11.192 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.206 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28



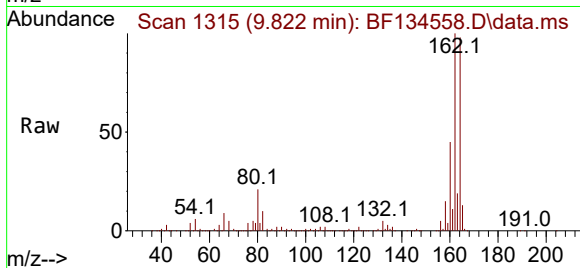
Tgt Ion:165 Resp: 49478
Ion Ratio Lower Upper
165 100
63 0.9 57.8 86.6#
89 1.6 51.8 77.8#



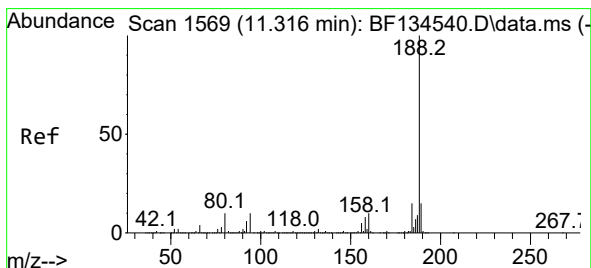
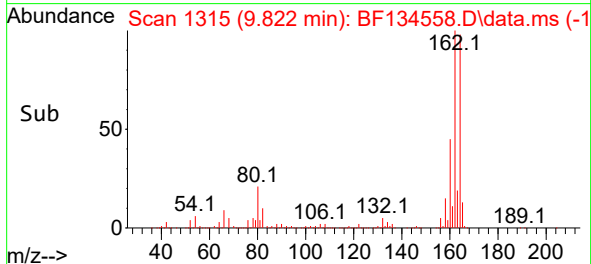
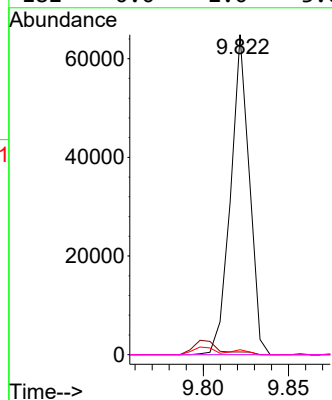


#57
2,4-Dinitrotoluene
Concen: 9.995 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28

Instrument :
BNA_F
ClientSampleId :

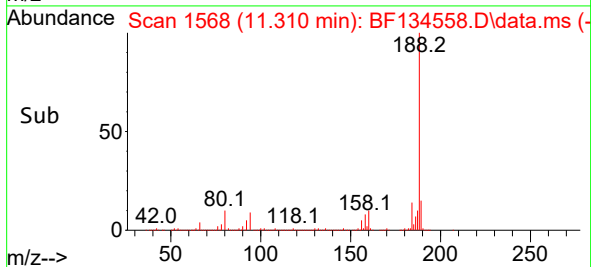
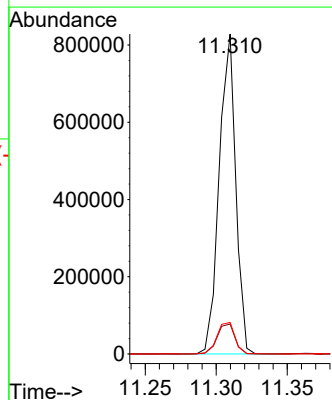
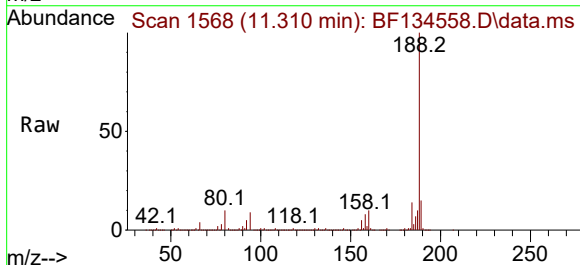


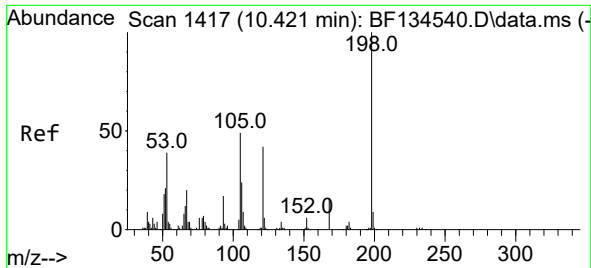
Tgt Ion:165 Resp: 49478
Ion Ratio Lower Upper
165 100
63 0.9 48.9 73.3#
89 1.6 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28

Tgt Ion:188 Resp: 668951
Ion Ratio Lower Upper
188 100
94 9.3 5.1 7.7#
80 9.9 6.6 9.8#

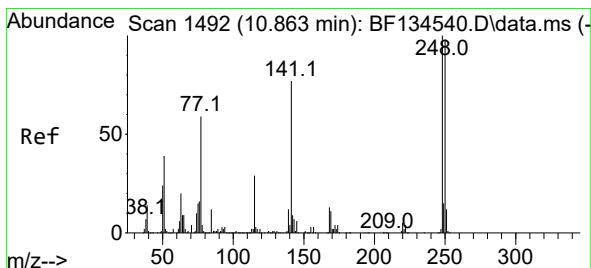
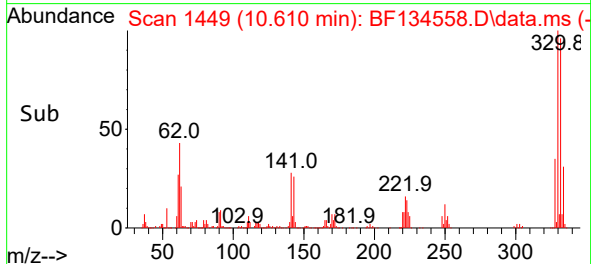
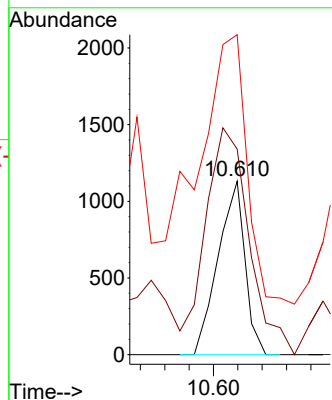
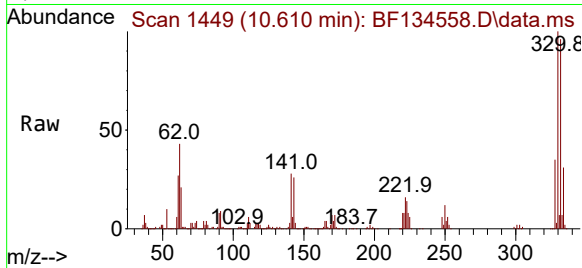




#65
4,6-Dinitro-2-methylphenol
Concen: 8.961 ng
RT: 10.610 min Scan# 1417
Delta R.T. 0.189 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28

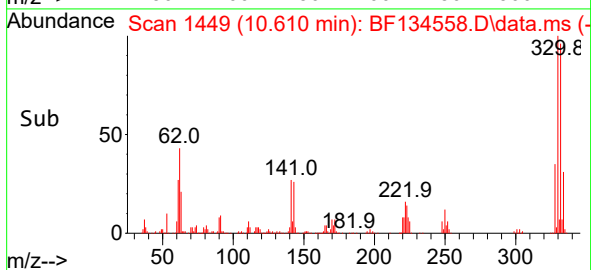
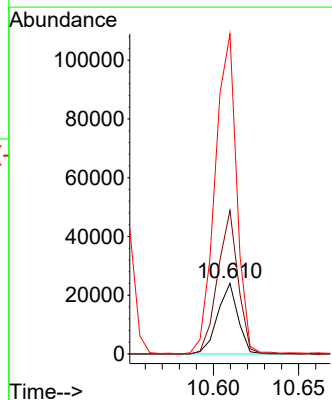
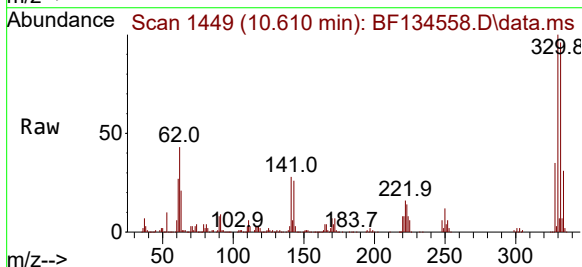
Instrument :
BNA_F
ClientSampleId :

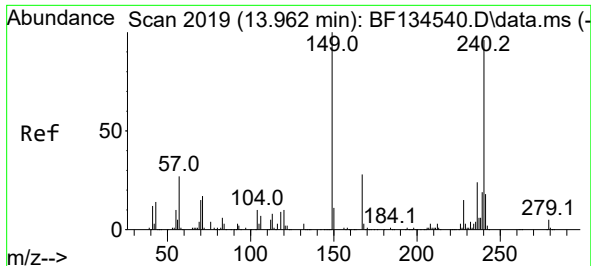
Tgt Ion:198 Resp: 867
Ion Ratio Lower Upper
198 100
51 118.6 38.6 78.6#
105 184.5 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 2.725 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.253 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28

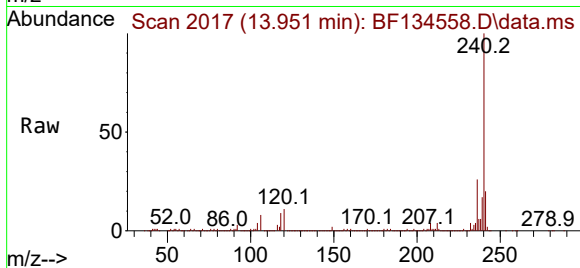
Tgt Ion:248 Resp: 19955
Ion Ratio Lower Upper
248 100
250 203.3 79.6 119.4#
141 453.1 59.6 89.4#



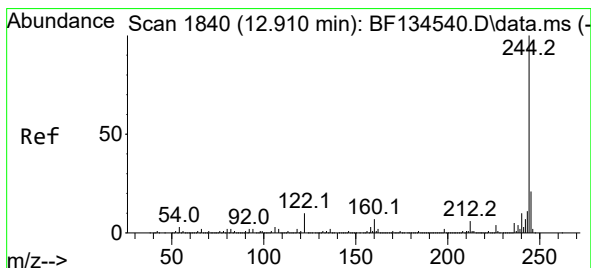
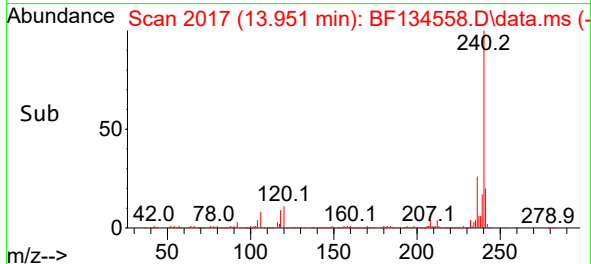
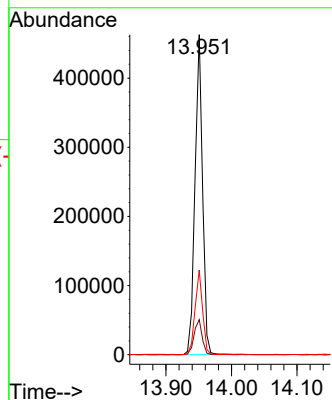


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28

Instrument :
BNA_F
ClientSampleId :

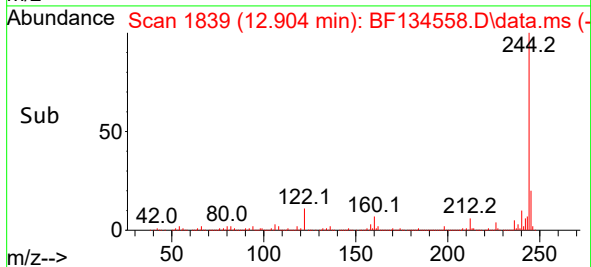
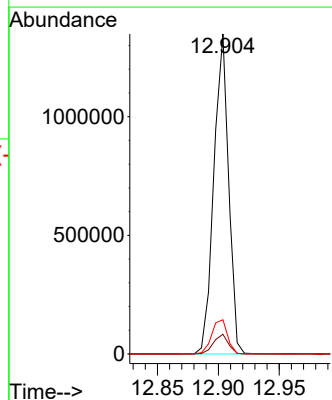
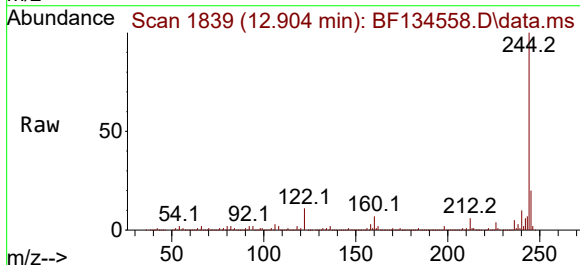


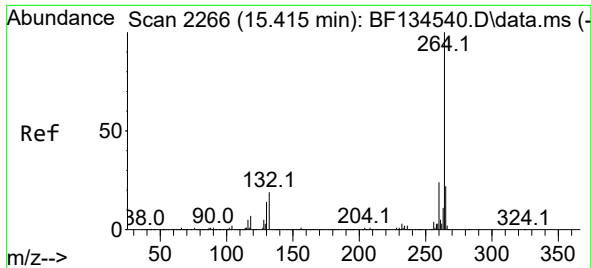
Tgt Ion:240 Resp: 372386
Ion Ratio Lower Upper
240 100
120 11.0 6.6 10.0#
236 26.5 20.2 30.2



#79
Terphenyl-d14
Concen: 53.798 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF134558.D
Acq: 01 Aug 2023 20:28

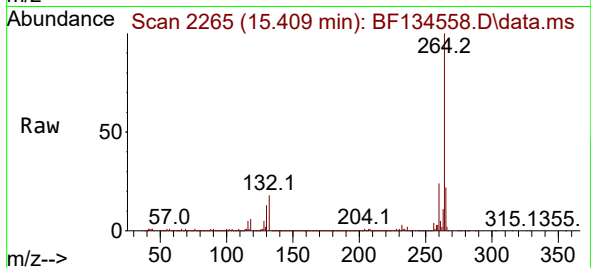
Tgt Ion:244 Resp: 1136430
Ion Ratio Lower Upper
244 100
212 6.2 5.6 8.4
122 10.7 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF134558.D
 Acq: 01 Aug 2023 20:28

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 399549

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	22.5	15.8	23.8

