

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134680.D
 Acq On : 09 Aug 2023 09:14
 Operator : CG\JU
 Sample : PB154669BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154669BL

Quant Time: Aug 10 01:35:38 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)

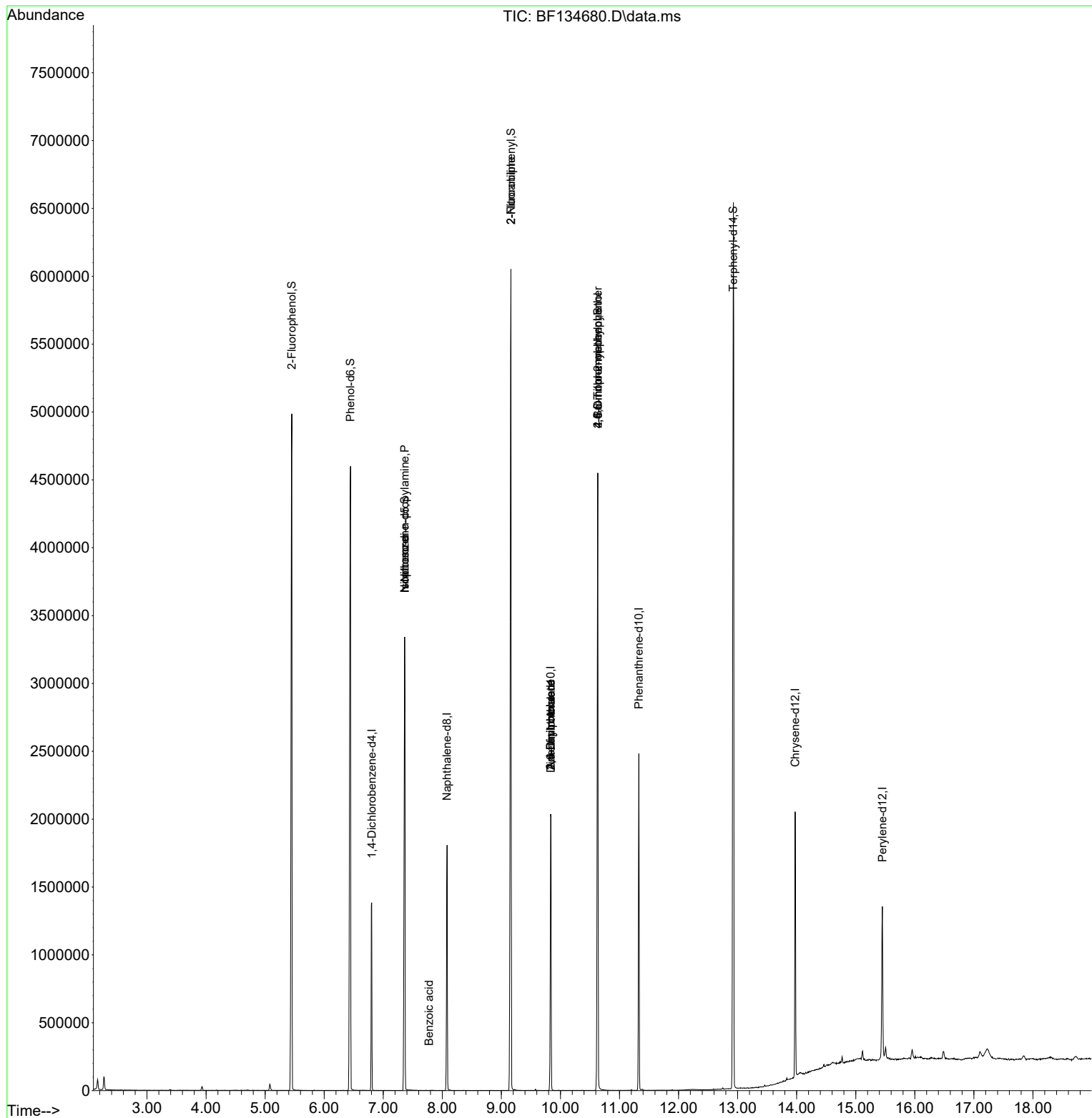
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	206423	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	841405	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	448259	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	878690	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	655656	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	521516	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1617958	119.147	ng	0.02
7) Phenol-d6	6.445	99	2052462	118.237	ng	0.00
23) Nitrobenzene-d5	7.363	82	1336808	99.287	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	673744	147.441	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	2310545	85.703	ng	0.00
79) Terphenyl-d14	12.927	244	2967690	79.792	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.445	77	3006	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.363	70	179128	17.235	ng	# 73
25) Isophorone	7.363	82	1317817	44.875	ng	# 65
32) Benzoic acid	7.775	122	55	7.872	ng	# 61
48) 2-Nitroaniline	9.163	65	3925	3.616	ng	# 1
50) Dimethylphthalate	9.839	163	94777	3.102	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	57718	11.237	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	57718	10.031	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.633	198	1406	9.023	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	40165	4.176	ng	# 1

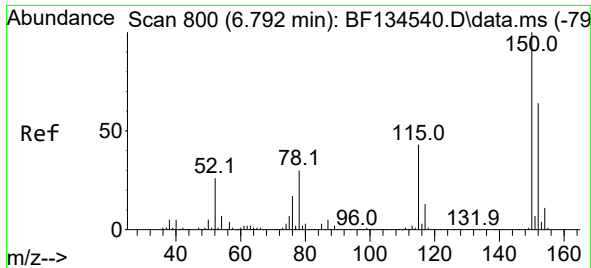
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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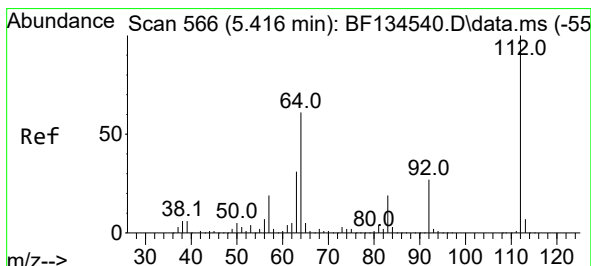
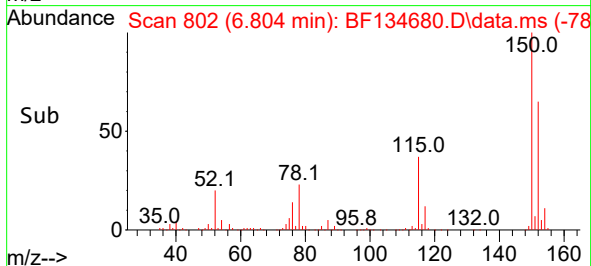
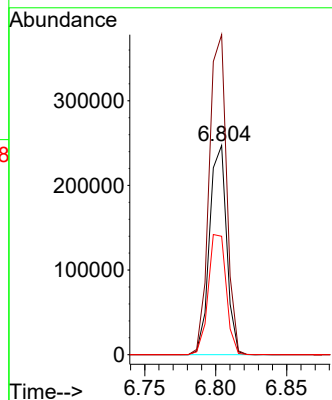
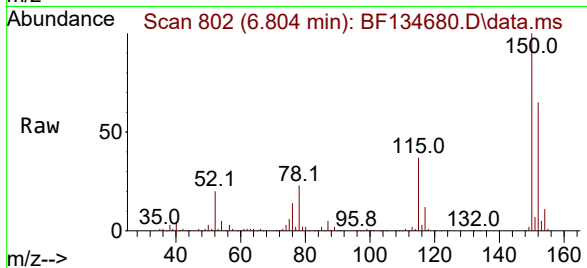




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 800
Delta R.T. 0.006 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

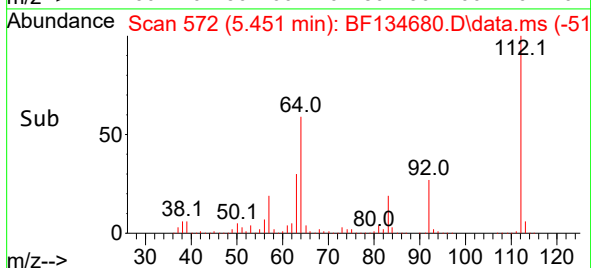
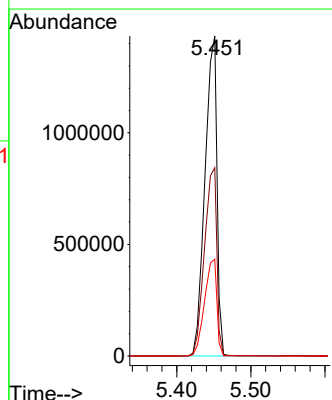
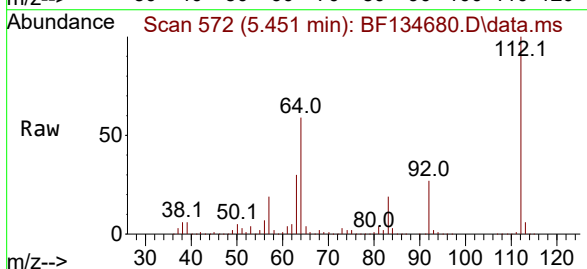
Instrument :
BNA_F
ClientSampleId :
PB154669BL

Tgt Ion:152 Resp: 206423
Ion Ratio Lower Upper
152 100
150 152.9 128.3 192.5
115 56.6 52.4 78.6



#5
2-Fluorophenol
Concen: 119.147 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.024 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

Tgt Ion:112 Resp: 1617958
Ion Ratio Lower Upper
112 100
64 58.8 44.9 67.3
63 30.3 25.4 38.0

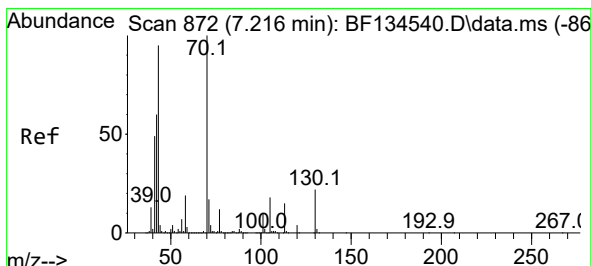
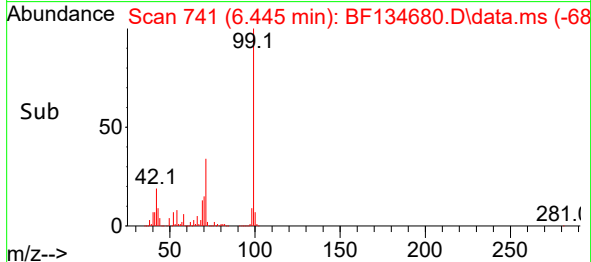
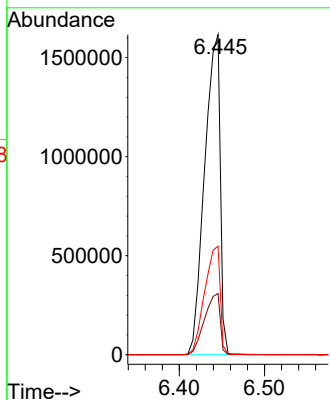
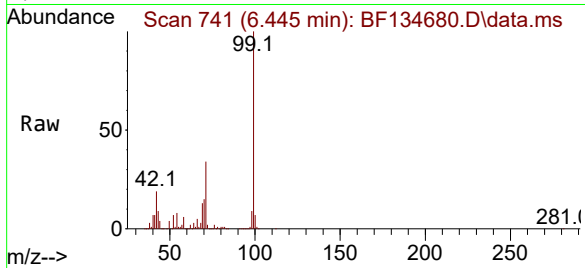




#7
Phenol-d6
Concen: 118.237 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

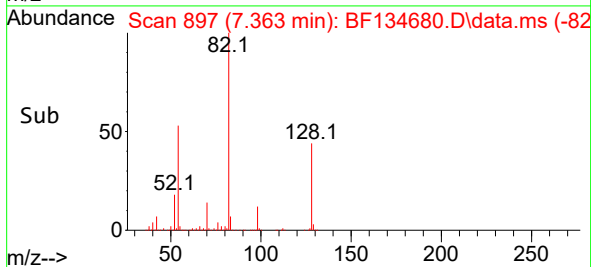
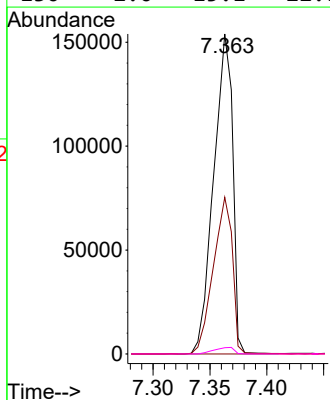
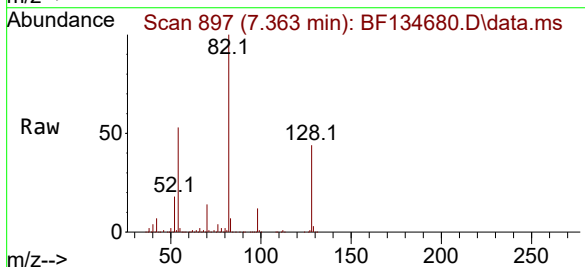
Instrument :
BNA_F
ClientSampleId :
PB154669BL

Tgt Ion: 99 Resp: 2052462
Ion Ratio Lower Upper
99 100
42 19.1 18.7 28.1
71 33.9 36.4 54.6#



#19
n-Nitroso-di-n-propylamine
Concen: 17.235 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

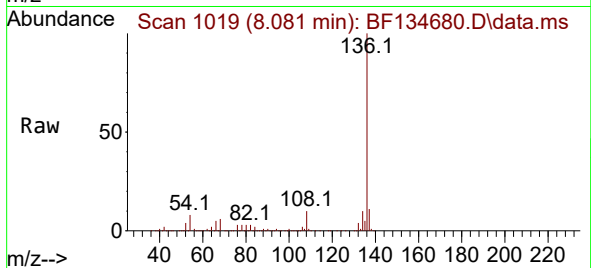
Tgt Ion: 70 Resp: 179128
Ion Ratio Lower Upper
70 100
42 49.0 54.7 82.1#
101 0.0 8.2 12.2#
130 2.0 15.1 22.7#



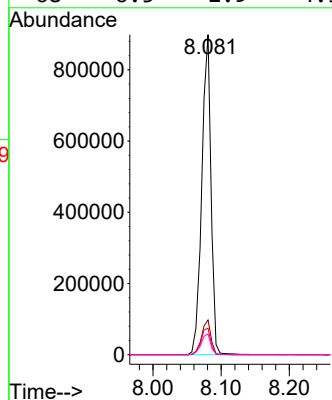
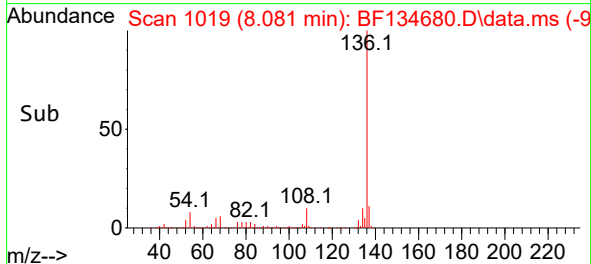


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

Instrument :
BNA_F
ClientSampleId :
PB154669BL

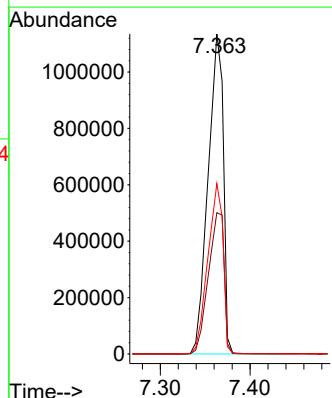
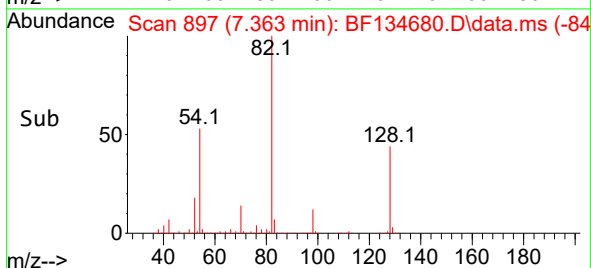
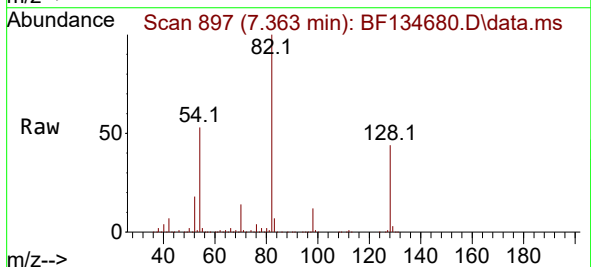


Tgt Ion:136 Resp: 841405
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.3 5.2 7.8#
68 6.5 2.9 4.3#



#23
Nitrobenzene-d5
Concen: 99.287 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

Tgt Ion: 82 Resp: 1336808
Ion Ratio Lower Upper
82 100
128 44.1 34.3 51.5
54 53.2 43.8 65.6

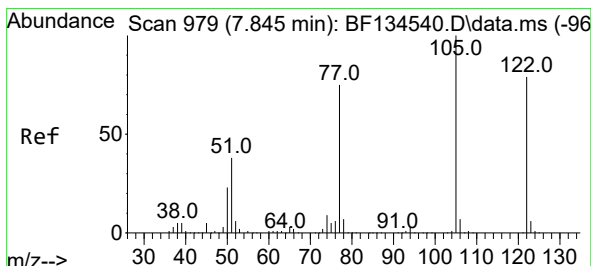
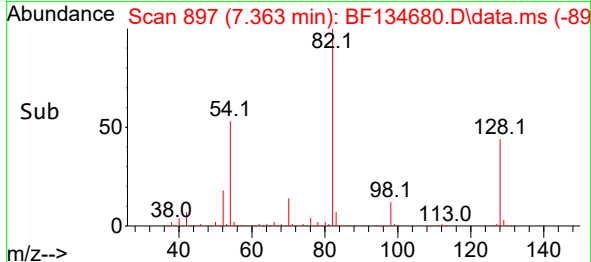
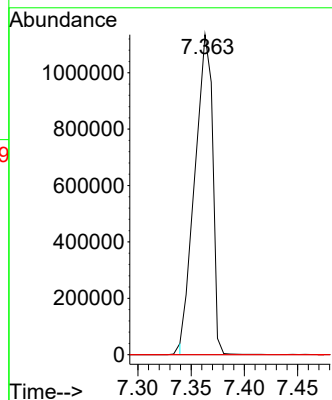
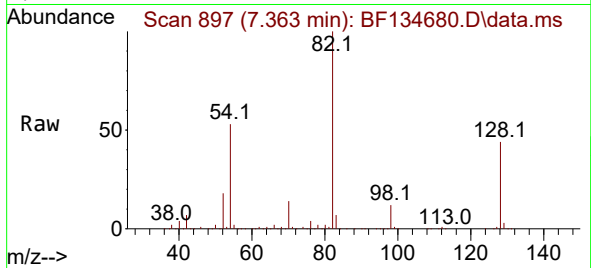




#25
Isophorone
Concen: 44.875 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

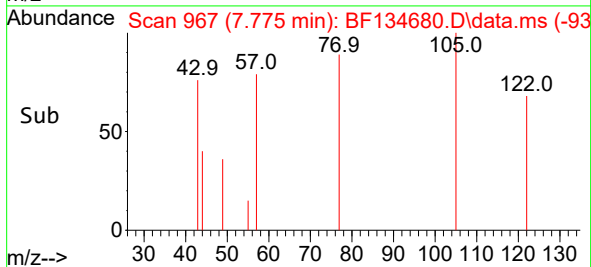
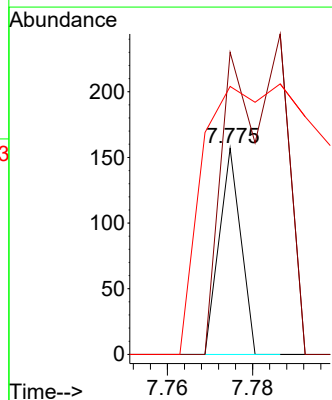
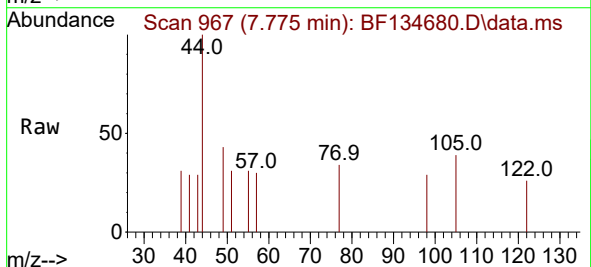
Instrument :
BNA_F
ClientSampleId :
PB154669BL

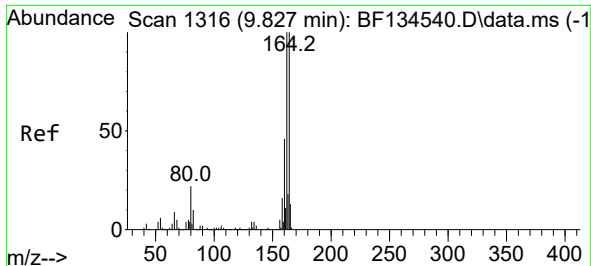
Tgt Ion: 82 Resp: 1317817
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.6 22.0#



#32
Benzoic acid
Concen: 7.872 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.088 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

Tgt Ion: 122 Resp: 55
Ion Ratio Lower Upper
122 100
105 146.5 87.5 127.5#
77 129.9 71.4 111.4#

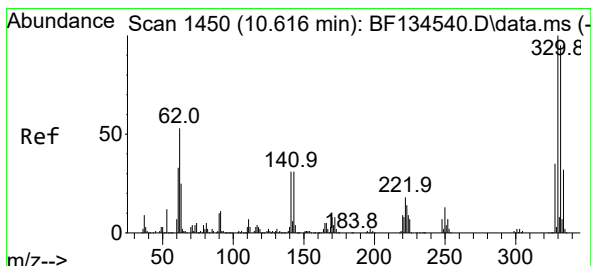
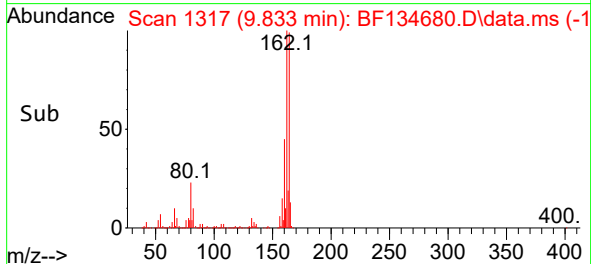
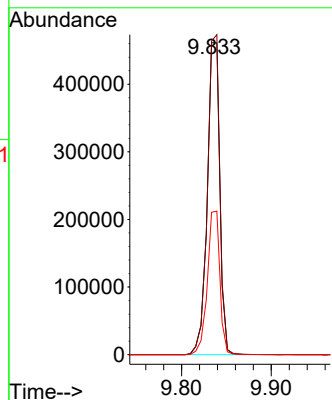
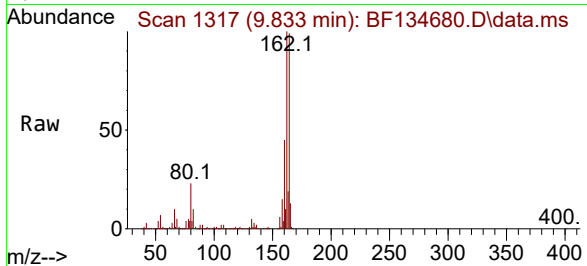




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

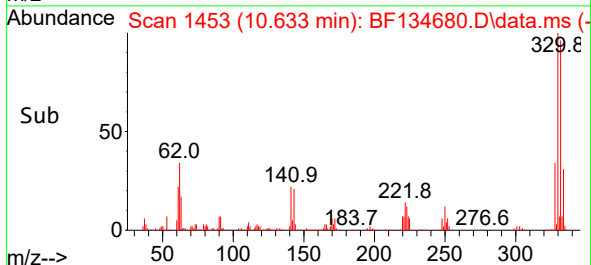
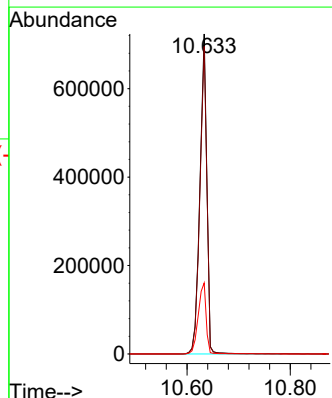
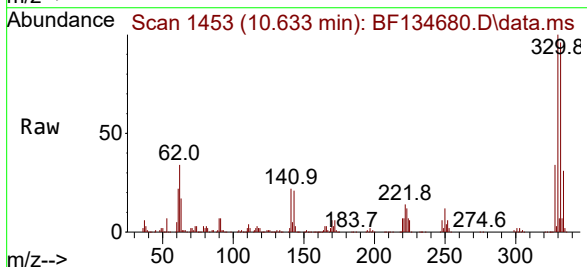
Instrument :
BNA_F
ClientSampleId :
PB154669BL

Tgt Ion:164 Resp: 448259
Ion Ratio Lower Upper
164 100
162 100.5 82.6 123.8
160 45.7 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 147.441 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

Tgt Ion:330 Resp: 673744
Ion Ratio Lower Upper
330 100
332 96.6 78.8 118.2
141 25.2 25.4 38.2#





#45

2-Fluorobiphenyl

Concen: 85.703 ng

RT: 9.163 min Scan# 1203

Delta R.T. 0.000 min

Lab File: BF134680.D

Acq: 09 Aug 2023 09:14

Instrument :

BNA_F

ClientSampleId :

PB154669BL

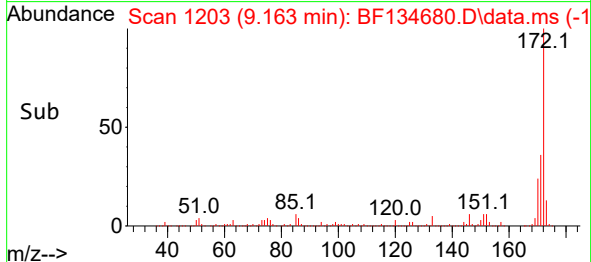
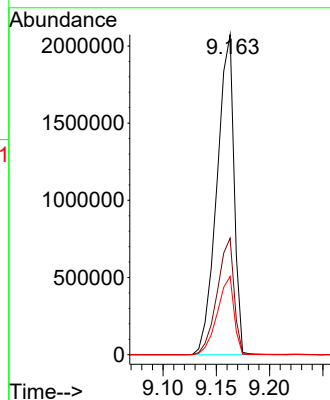
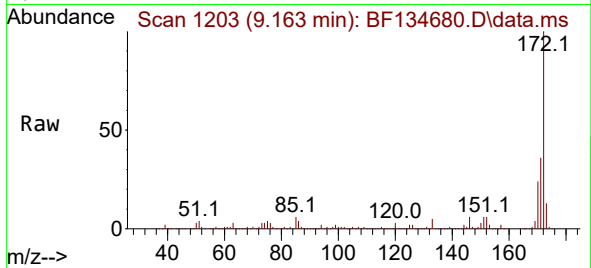
Tgt Ion:172 Resp: 2310545

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 24.5 18.7 28.1



#48

2-Nitroaniline

Concen: 3.616 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.218 min

Lab File: BF134680.D

Acq: 09 Aug 2023 09:14

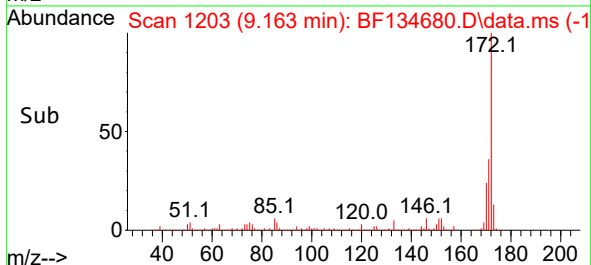
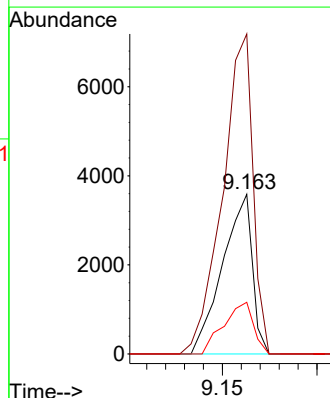
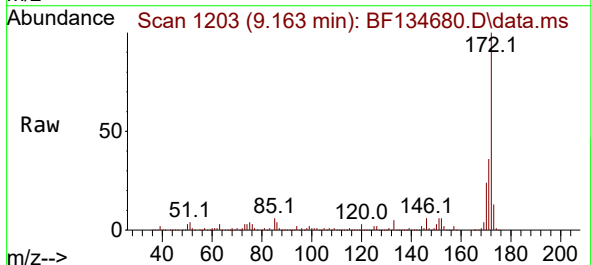
Tgt Ion: 65 Resp: 3925

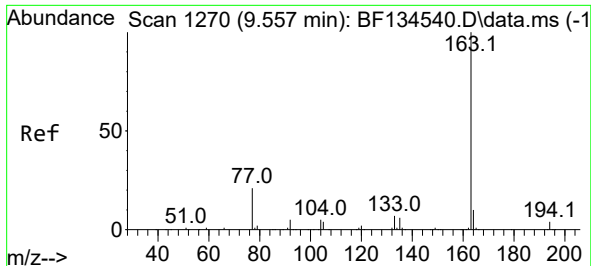
Ion Ratio Lower Upper

65 100

92 200.3 50.7 76.1#

138 32.3 78.2 117.4#

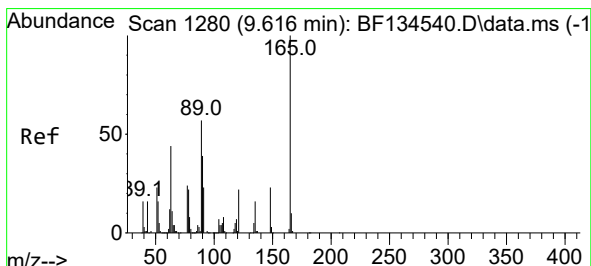
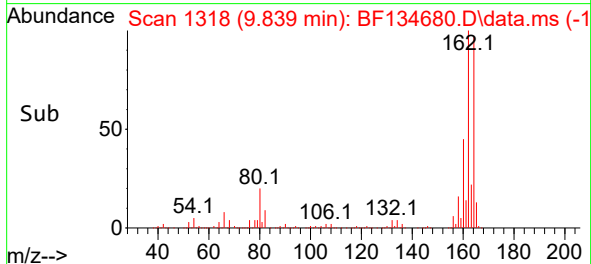
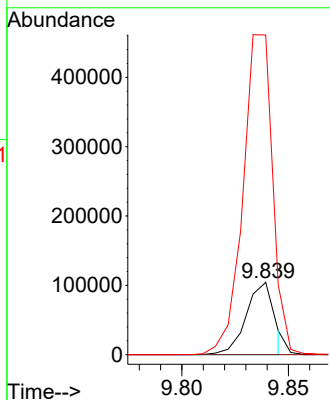
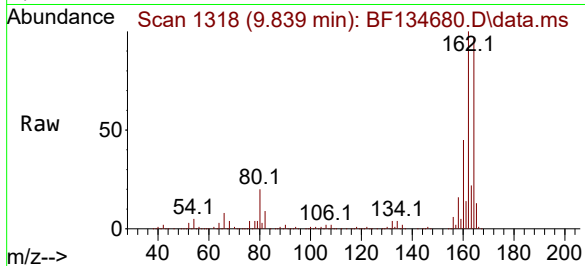




#50
Dimethylphthalate
Concen: 3.102 ng
RT: 9.839 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

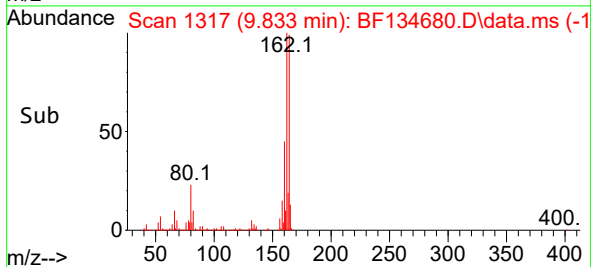
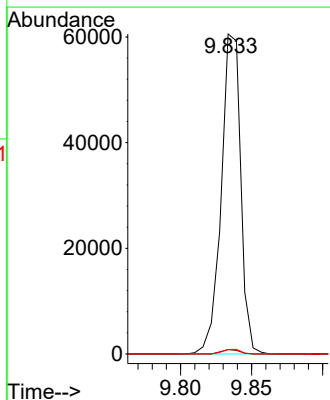
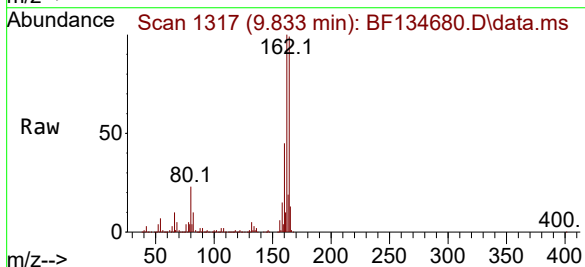
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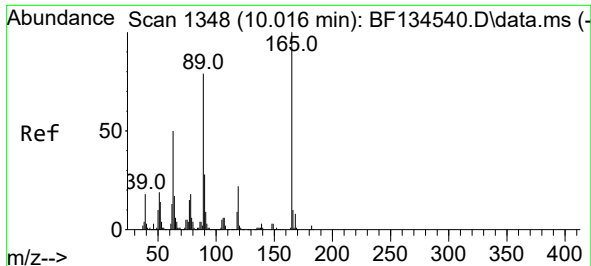
Tgt Ion:163 Resp: 94777
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 442.2 7.5 11.3#



#51
2,6-Dinitrotoluene
Concen: 11.237 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

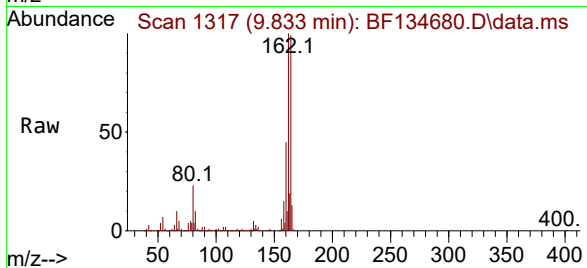
Tgt Ion:165 Resp: 57718
Ion Ratio Lower Upper
165 100
63 1.4 57.8 86.6#
89 1.4 51.8 77.8#



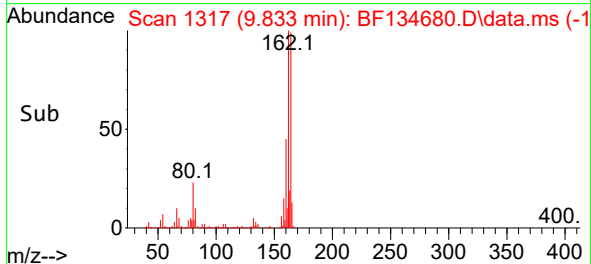
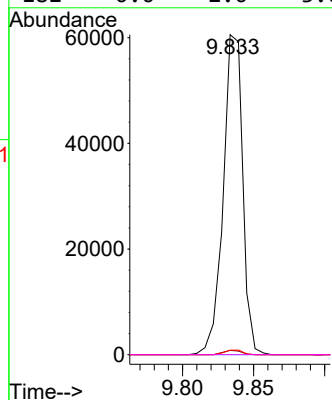


#57
2,4-Dinitrotoluene
Concen: 10.031 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

Instrument :
BNA_F
ClientSampleId :
PB154669BL

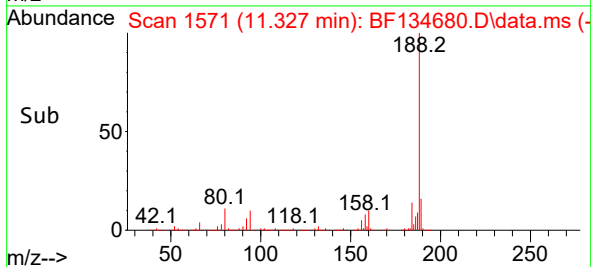
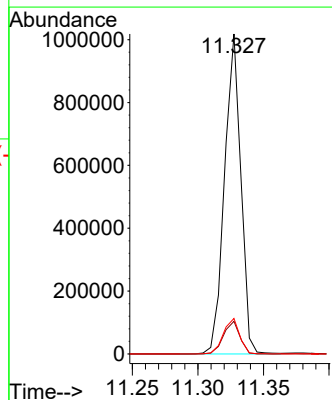
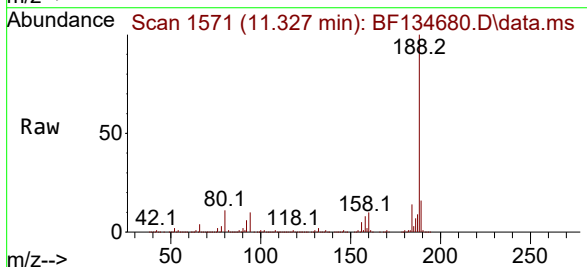


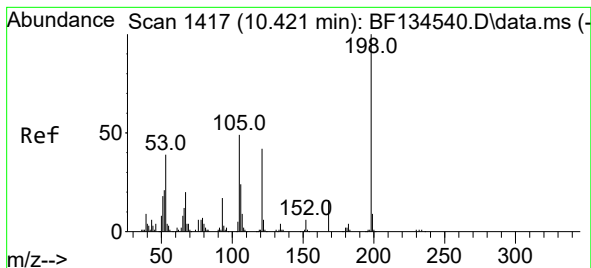
Tgt Ion:165 Resp: 57718
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.4 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

Tgt Ion:188 Resp: 878690
Ion Ratio Lower Upper
188 100
94 10.2 5.1 7.7#
80 11.1 6.6 9.8#

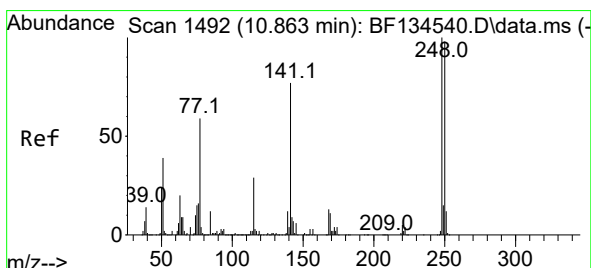
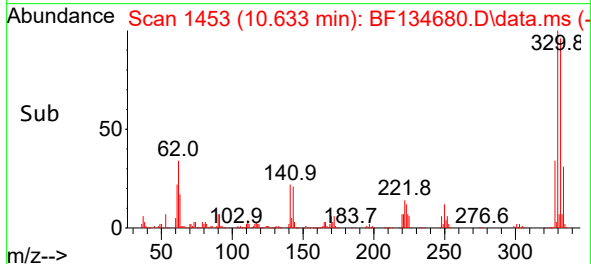
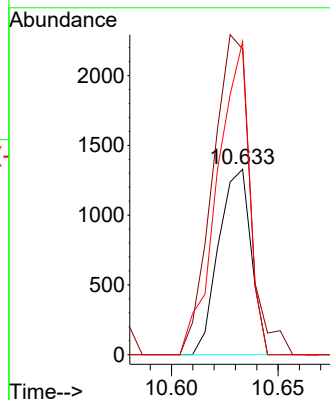
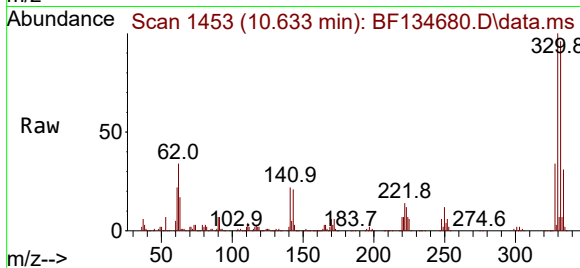




#65
4,6-Dinitro-2-methylphenol
Concen: 9.023 ng
RT: 10.633 min Scan# 1417
Delta R.T. 0.194 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

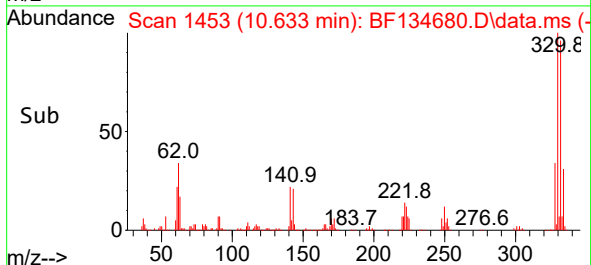
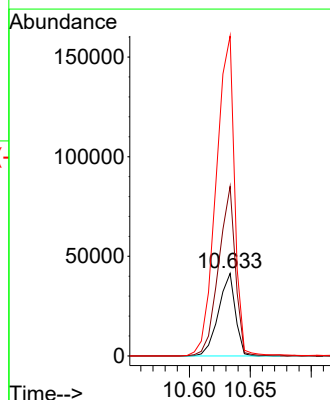
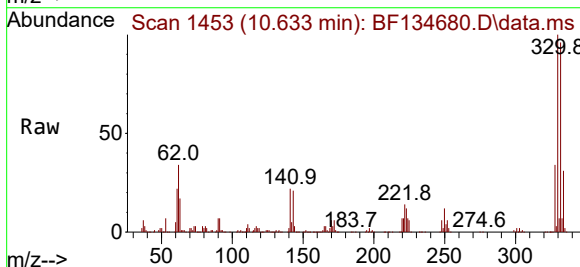
Instrument :
BNA_F
ClientSampleId :
PB154669BL

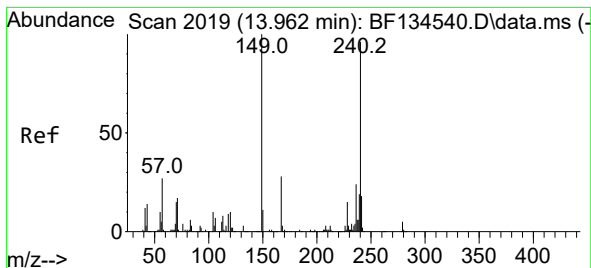
Tgt Ion:198 Resp: 1406
Ion Ratio Lower Upper
198 100
51 164.9 38.6 78.6#
105 168.8 27.9 67.9#



#67
4-Bromophenyl-phenylether
Concen: 4.176 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.235 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

Tgt Ion:248 Resp: 40165
Ion Ratio Lower Upper
248 100
250 205.2 79.6 119.4#
141 387.2 59.6 89.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF134680.D

Acq: 09 Aug 2023 09:14

Instrument :

BNA_F

ClientSampleId :

PB154669BL

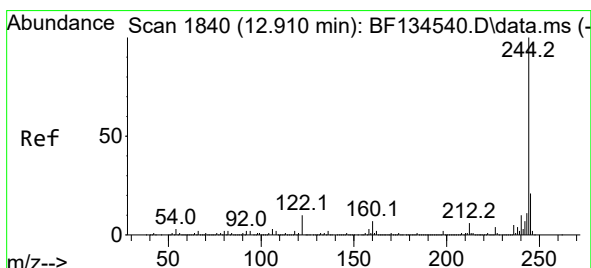
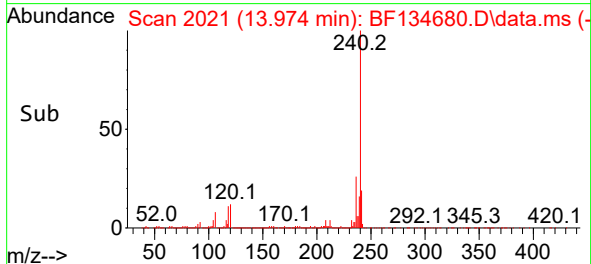
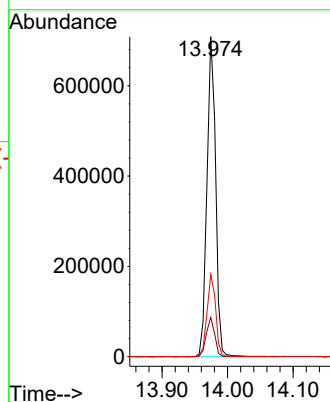
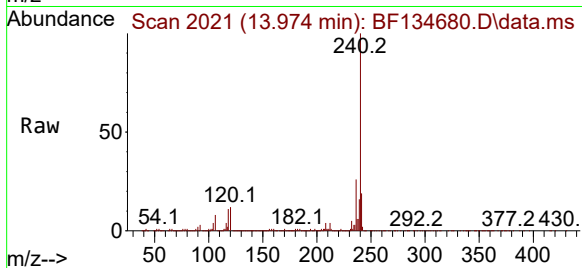
Tgt Ion:240 Resp: 655656

Ion Ratio Lower Upper

240 100

120 12.3 6.6 10.0#

236 25.6 20.2 30.2



#79

Terphenyl-d14

Concen: 79.792 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.006 min

Lab File: BF134680.D

Acq: 09 Aug 2023 09:14

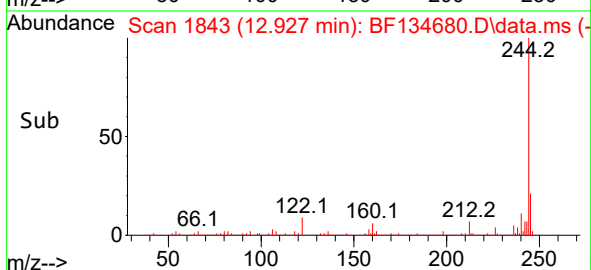
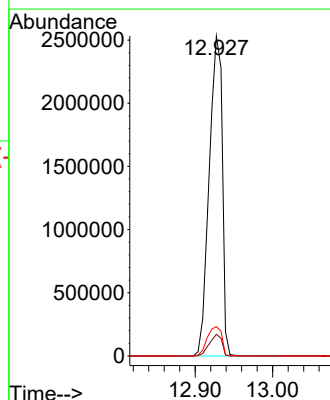
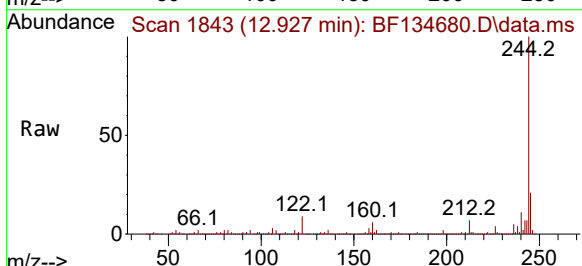
Tgt Ion:244 Resp: 2967690

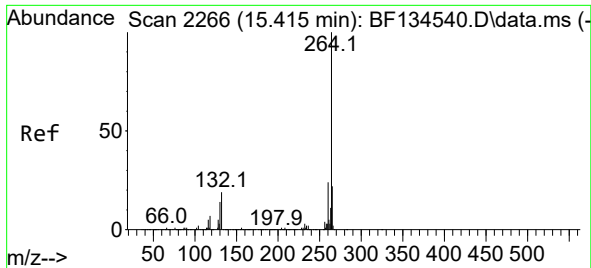
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 9.2 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF134680.D
Acq: 09 Aug 2023 09:14

Instrument :
BNA_F
ClientSampleId :
PB154669BL

Tgt Ion:264 Resp: 521516
Ion Ratio Lower Upper
264 100
260 24.1 18.4 27.6
265 21.4 15.8 23.8

