

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134057.D
 Acq On : 30 Jun 2023 17:37
 Operator : CG\JU
 Sample : PB153812TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153812TB

Quant Time: Jun 30 18:39:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

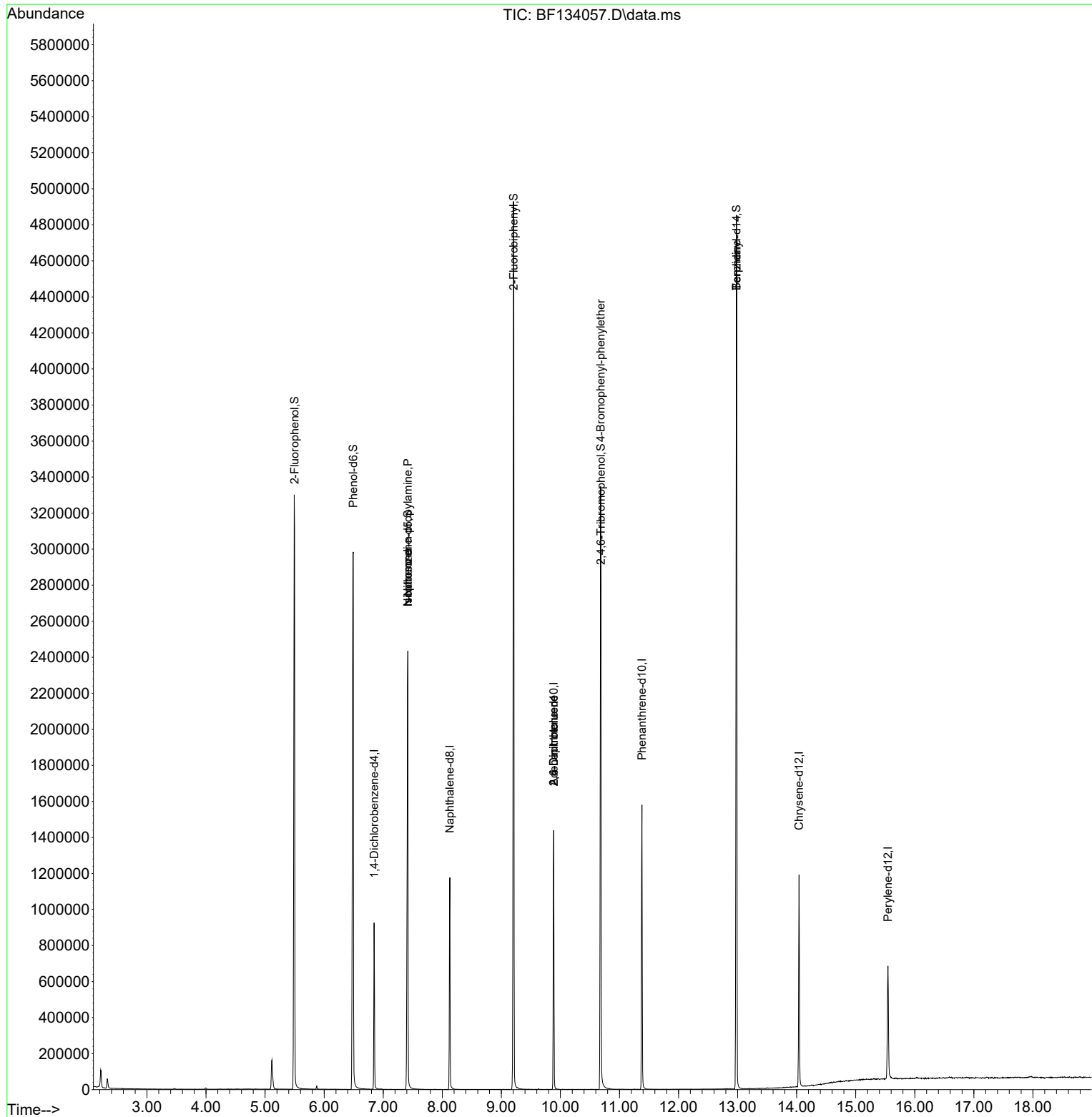
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	128638	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	509672	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	290561	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	589321	20.000	ng	0.00
76) Chrysene-d12	14.039	240	391295	20.000	ng	-0.01
86) Perylene-d12	15.545	264	318016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	990439	128.794	ng	0.01
7) Phenol-d6	6.493	99	1213408	128.303	ng	0.00
23) Nitrobenzene-d5	7.416	82	853361	90.256	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	468001	128.464	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1701837	85.156	ng	0.00
79) Terphenyl-d14	12.980	244	2005017	82.468	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.493	77	2032	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	120122	20.029	ng	# 76
25) Isophorone	7.416	82	850205	49.478	ng	# 64
51) 2,6-Dinitrotoluene	9.886	165	37303	8.211	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	37303	6.218	ng	# 22
67) 4-Bromophenyl-phenylether	10.681	248	28963	4.624	ng	# 1
77) Benizidine	12.980	184	27146	2.916	ng	# 90

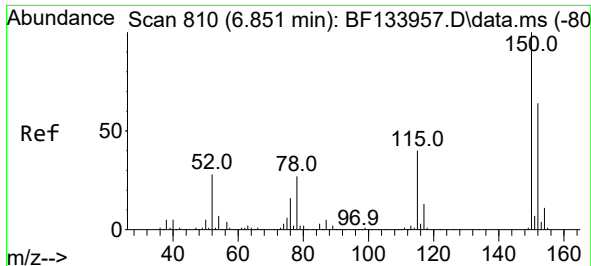
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
Data File : BF134057.D
Acq On : 30 Jun 2023 17:37
Operator : CG\JU
Sample : PB153812TB
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Jun 30 18:39:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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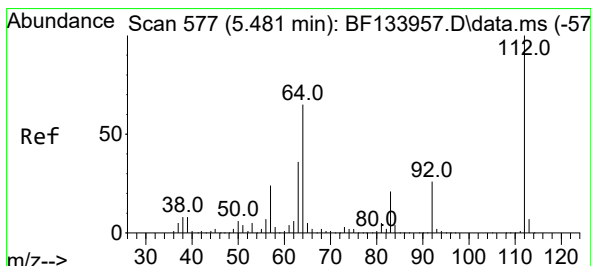
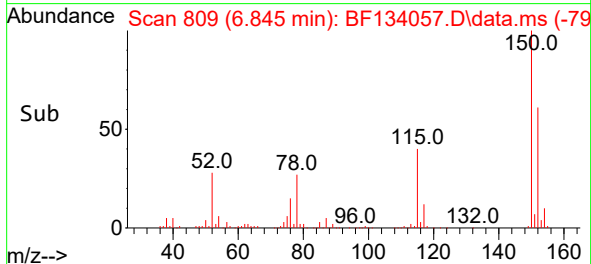
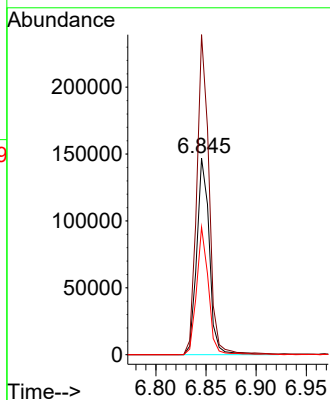
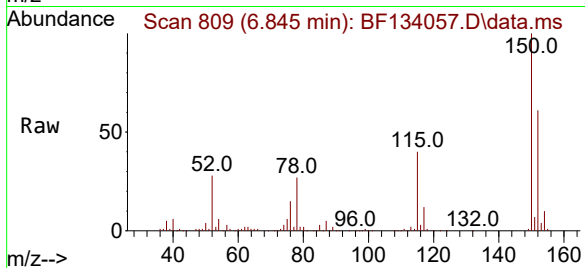




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134057.D
Acq: 30 Jun 2023 17:37

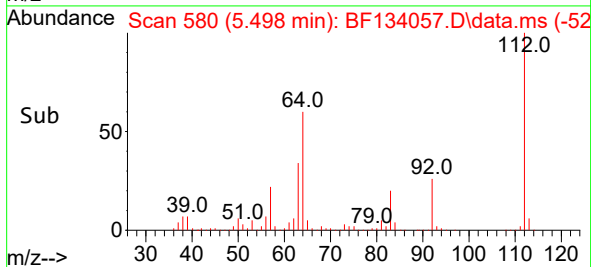
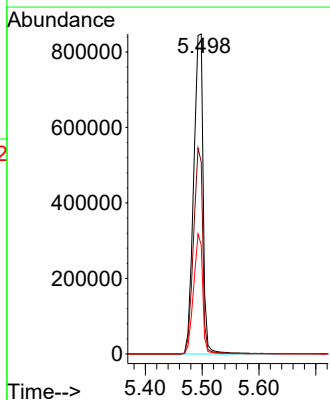
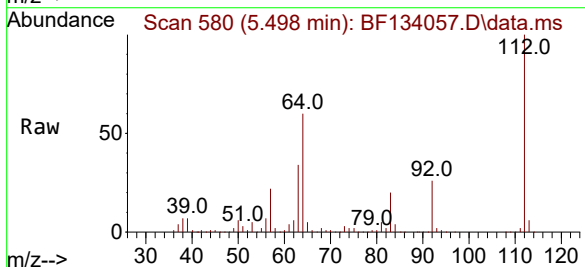
Instrument :
BNA_F
ClientSampleId :
PB153812TB

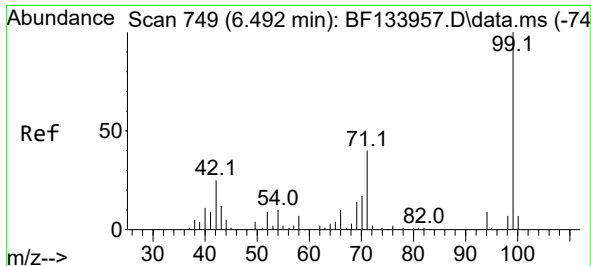
Tgt Ion:152 Resp: 128638
Ion Ratio Lower Upper
152 100
150 162.8 124.5 186.7
115 64.9 50.2 75.2



#5
2-Fluorophenol
Concen: 128.794 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF134057.D
Acq: 30 Jun 2023 17:37

Tgt Ion:112 Resp: 990439
Ion Ratio Lower Upper
112 100
64 60.0 52.1 78.1
63 34.1 28.6 42.8

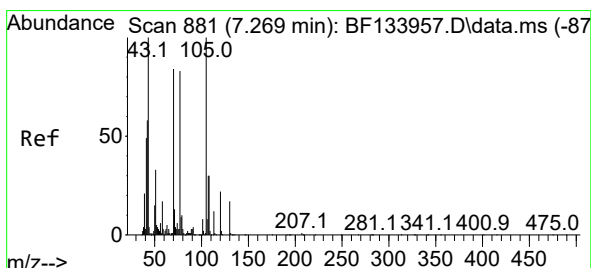
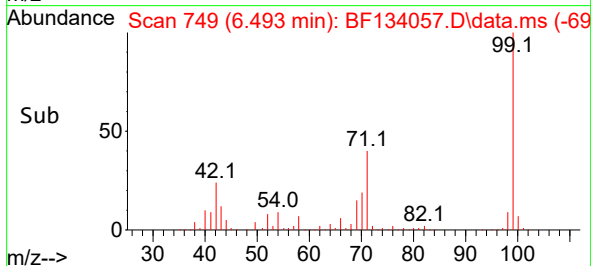
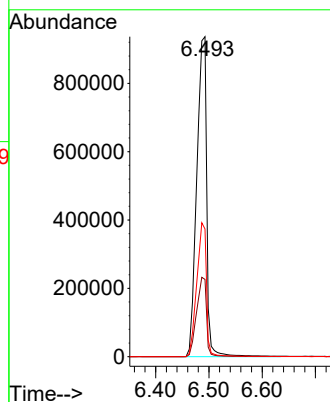
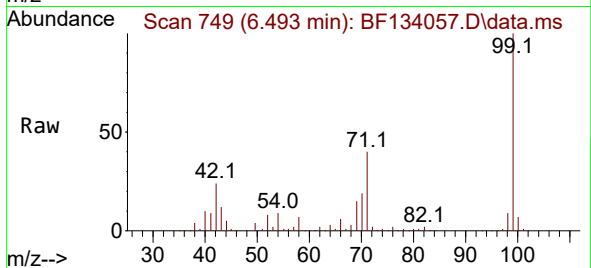




#7
Phenol-d6
Concen: 128.303 ng
RT: 6.493 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134057.D
Acq: 30 Jun 2023 17:37

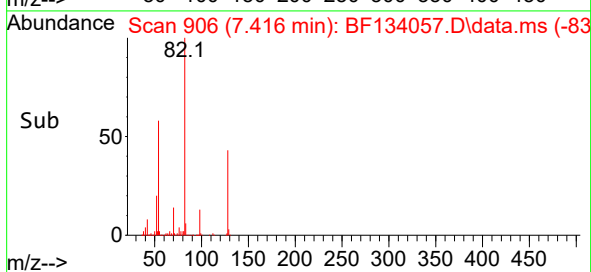
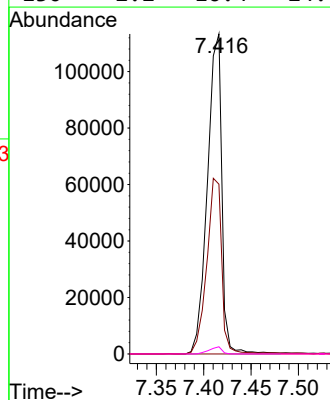
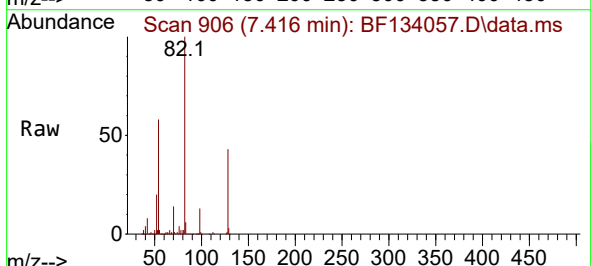
Instrument :
BNA_F
ClientSampleId :
PB153812TB

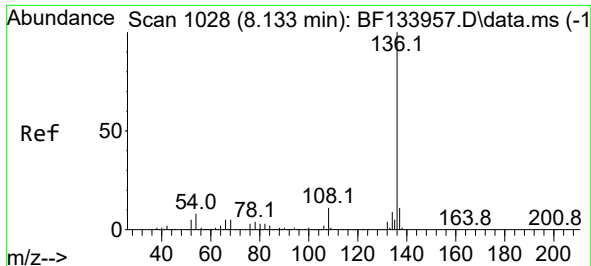
Tgt Ion: 99 Resp: 1213408
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 39.9 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.029 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF134057.D
Acq: 30 Jun 2023 17:37

Tgt Ion: 70 Resp: 120122
Ion Ratio Lower Upper
70 100
42 53.0 54.7 82.1#
101 0.0 7.7 11.5#
130 2.2 16.4 24.6#



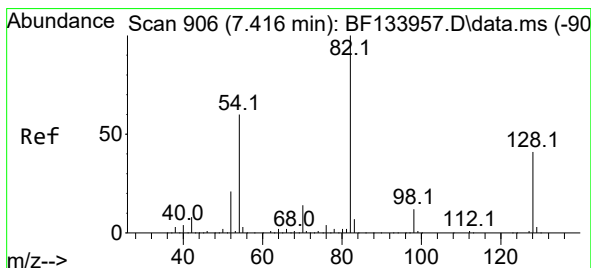
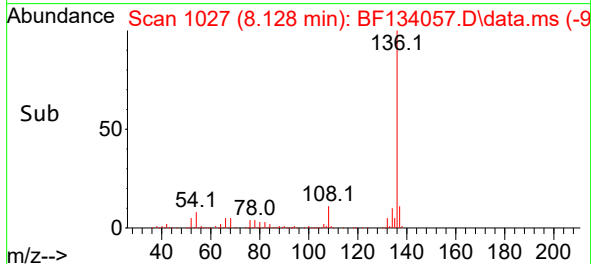
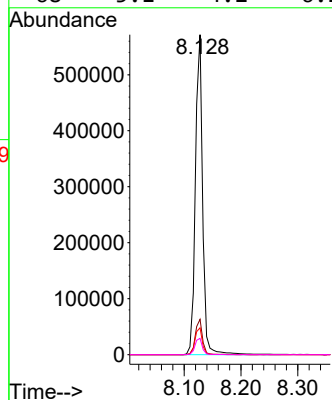
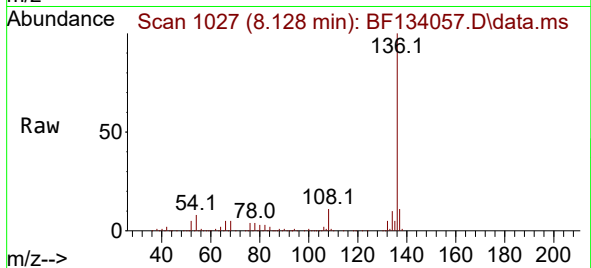


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134057.D
Acq: 30 Jun 2023 17:37

Instrument :
BNA_F
ClientSampleId :
PB153812TB

Tgt Ion:136 Resp: 509672

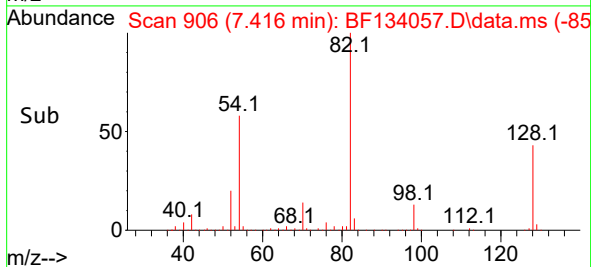
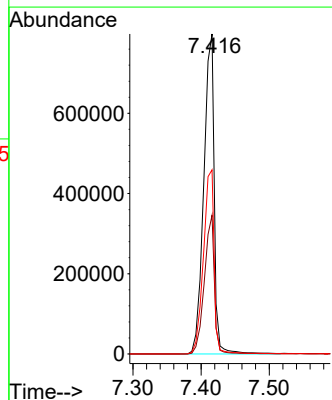
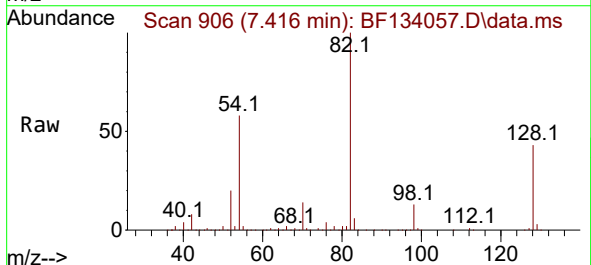
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.4	6.5	9.7
68	5.1	4.2	6.2

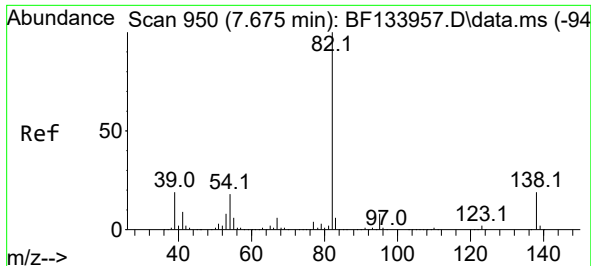


#23
Nitrobenzene-d5
Concen: 90.256 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134057.D
Acq: 30 Jun 2023 17:37

Tgt Ion: 82 Resp: 853361

Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.5	48.7
54	57.6	48.2	72.2

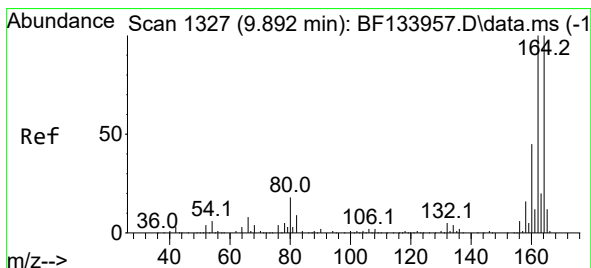
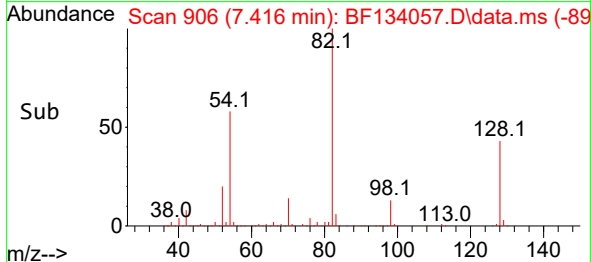
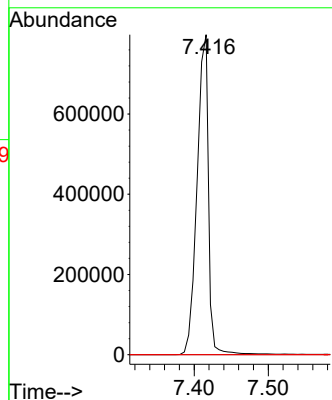
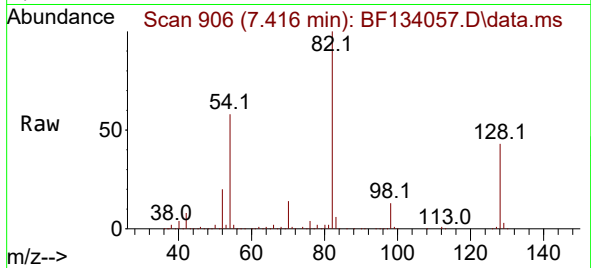




#25
Isophorone
Concen: 49.478 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134057.D
Acq: 30 Jun 2023 17:37

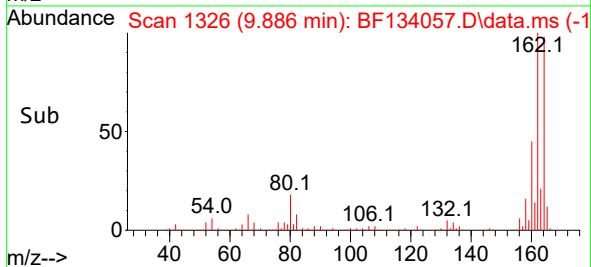
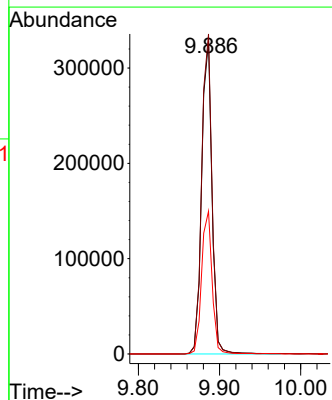
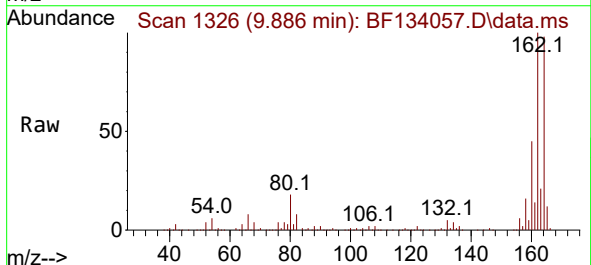
Instrument :
BNA_F
ClientSampleId :
PB153812TB

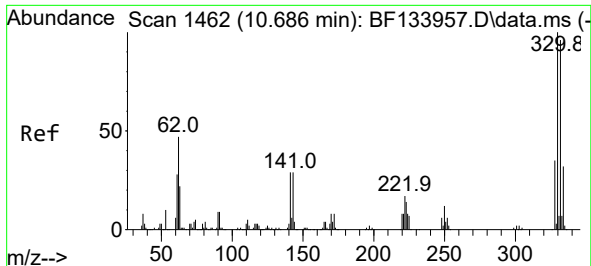
Tgt Ion: 82 Resp: 850205
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF134057.D
Acq: 30 Jun 2023 17:37

Tgt Ion: 164 Resp: 290561
Ion Ratio Lower Upper
164 100
162 102.3 80.0 120.0
160 45.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 128.464 ng

RT: 10.686 min Scan# 1462

Delta R.T. 0.000 min

Lab File: BF134057.D

Acq: 30 Jun 2023 17:37

Instrument :

BNA_F

ClientSampleId :

PB153812TB

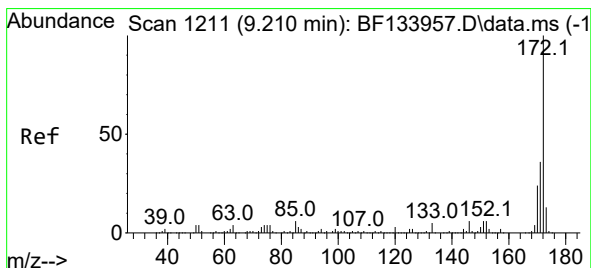
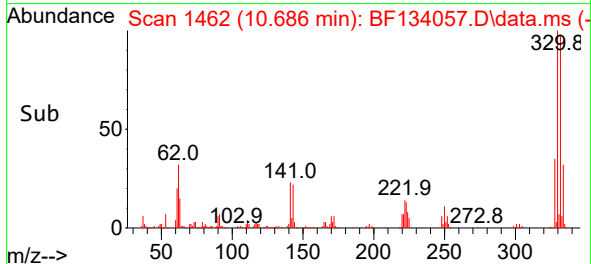
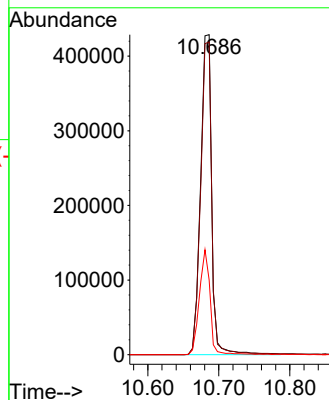
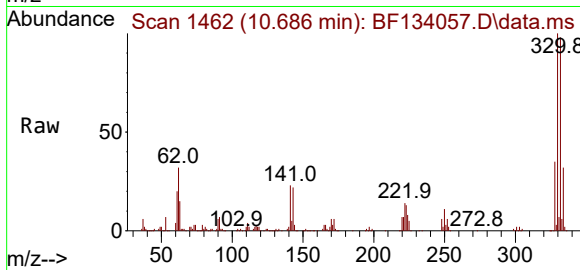
Tgt Ion:330 Resp: 468001

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

141 31.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 85.156 ng

RT: 9.210 min Scan# 1211

Delta R.T. 0.000 min

Lab File: BF134057.D

Acq: 30 Jun 2023 17:37

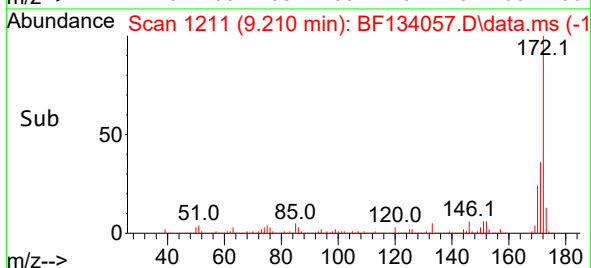
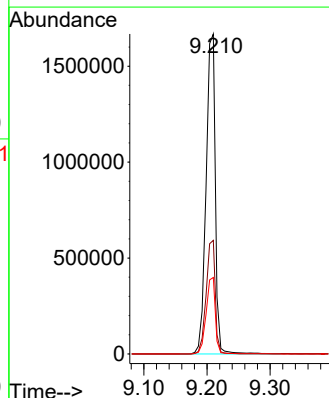
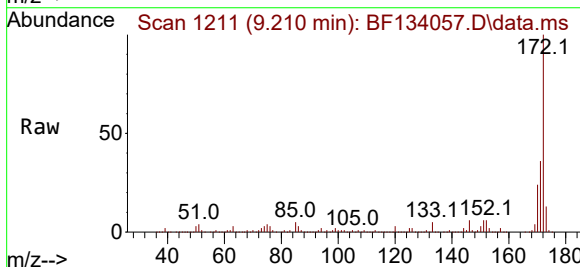
Tgt Ion:172 Resp: 1701837

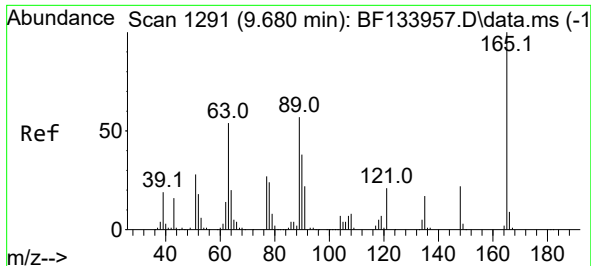
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.9 19.4 29.0

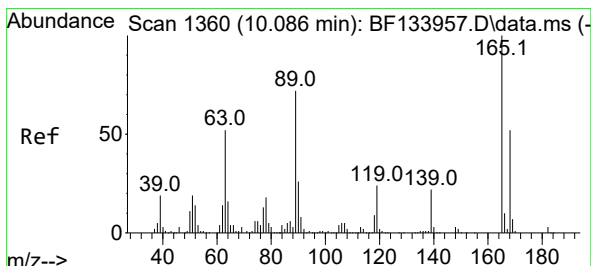
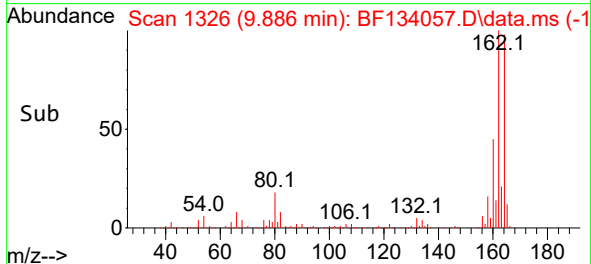
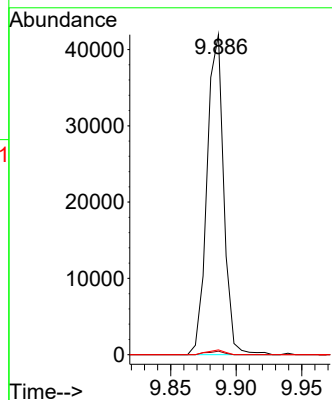
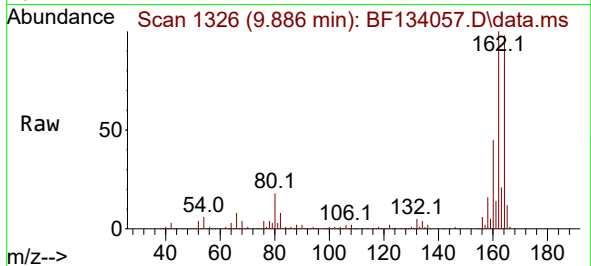




#51
2,6-Dinitrotoluene
Concen: 8.211 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134057.D
Acq: 30 Jun 2023 17:37

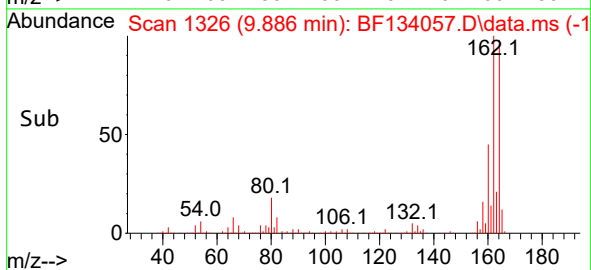
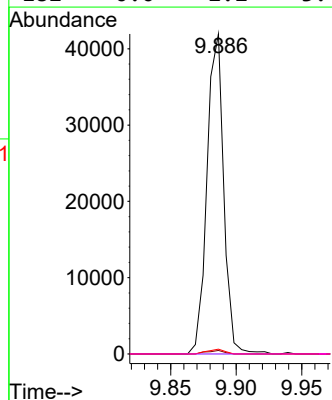
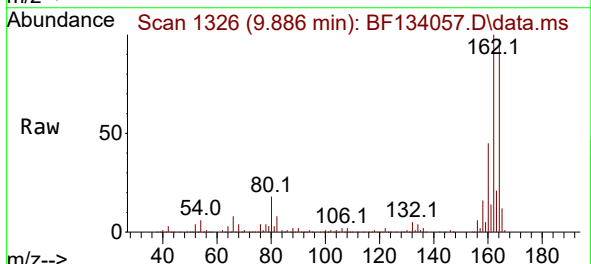
Instrument :
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PB153812TB

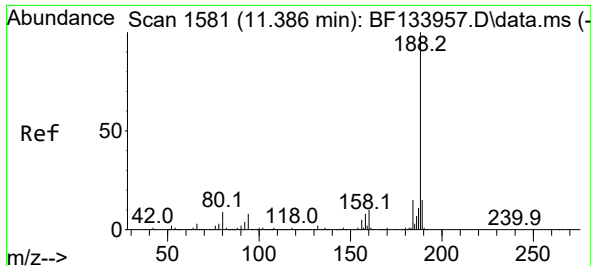
Tgt Ion:165 Resp: 37303
Ion Ratio Lower Upper
165 100
63 1.1 48.5 72.7#
89 1.5 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.218 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF134057.D
Acq: 30 Jun 2023 17:37

Tgt Ion:165 Resp: 37303
Ion Ratio Lower Upper
165 100
63 1.1 42.2 63.2#
89 1.5 57.4 86.2#
182 0.0 2.2 3.4#

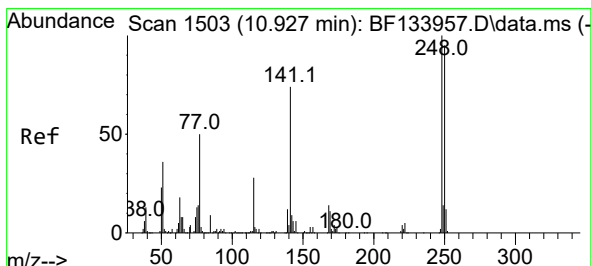
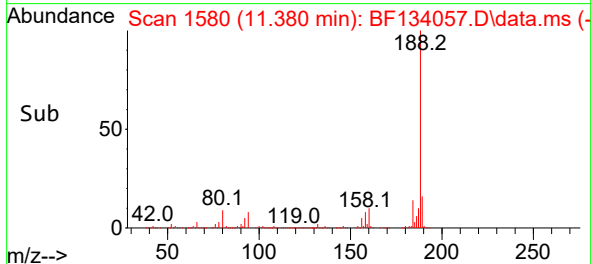
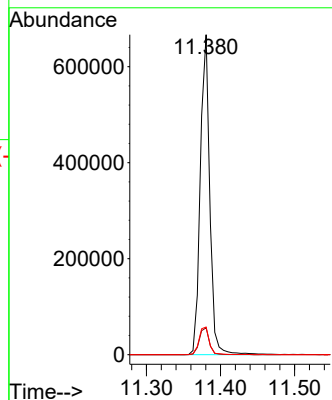
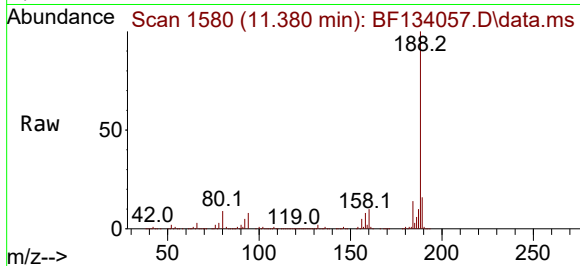




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134057.D
Acq: 30 Jun 2023 17:37

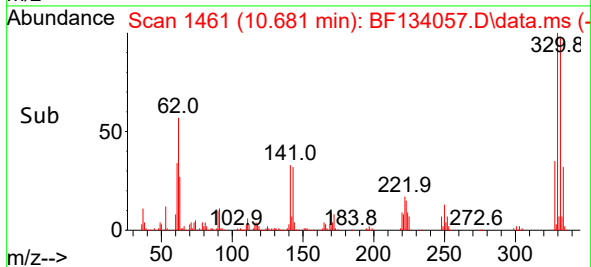
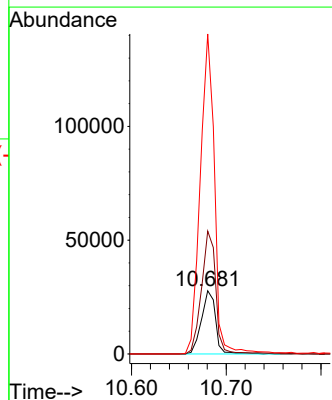
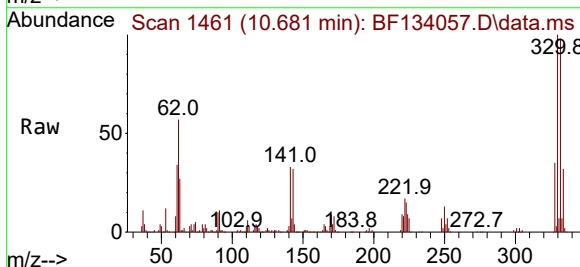
Instrument :
BNA_F
ClientSampleId :
PB153812TB

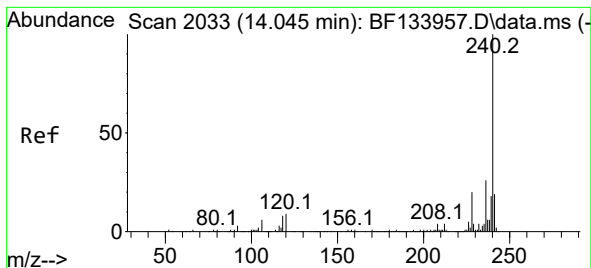
Tgt Ion:188 Resp: 589321
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 8.6 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 4.624 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF134057.D
Acq: 30 Jun 2023 17:37

Tgt Ion:248 Resp: 28963
Ion Ratio Lower Upper
248 100
250 194.5 76.2 114.4#
141 506.4 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF134057.D

Acq: 30 Jun 2023 17:37

Instrument :

BNA_F

ClientSampleId :

PB153812TB

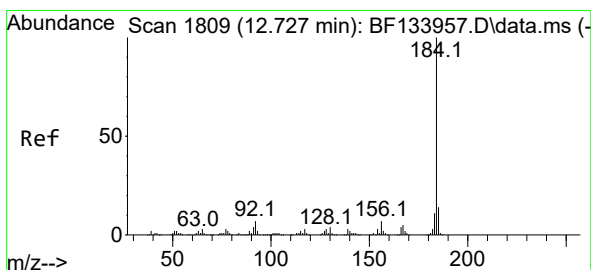
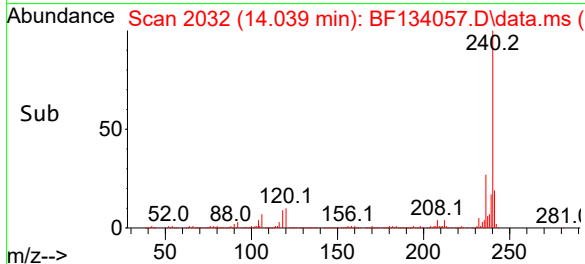
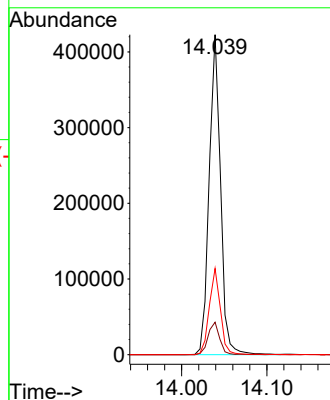
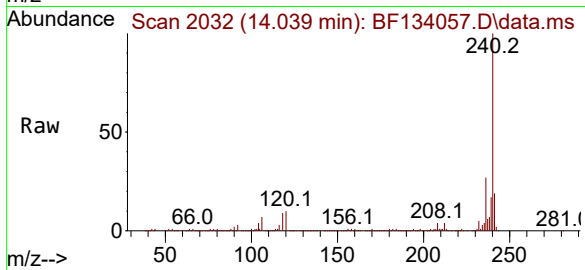
Tgt Ion:240 Resp: 391295

Ion Ratio Lower Upper

240 100

120 10.1 7.4 11.0

236 26.9 21.0 31.6



#77

Benzidine

Concen: 2.916 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.253 min

Lab File: BF134057.D

Acq: 30 Jun 2023 17:37

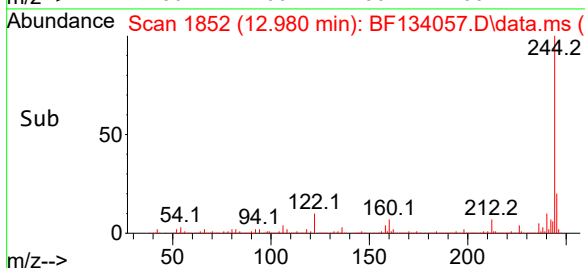
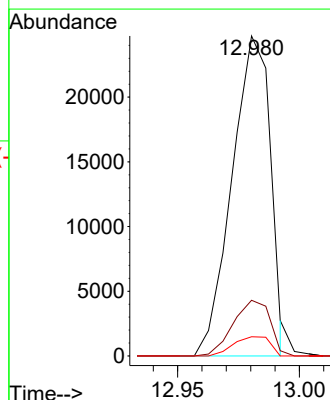
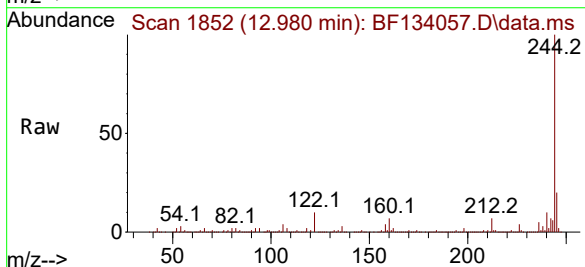
Tgt Ion:184 Resp: 27146

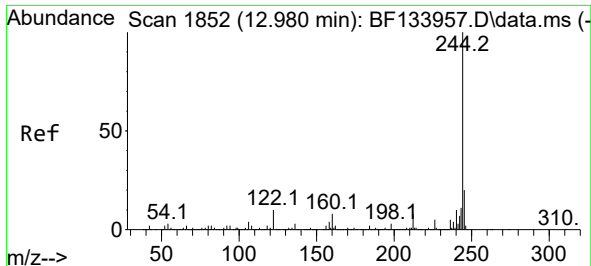
Ion Ratio Lower Upper

184 100

185 17.4 11.6 17.4#

183 6.0 8.8 13.2#

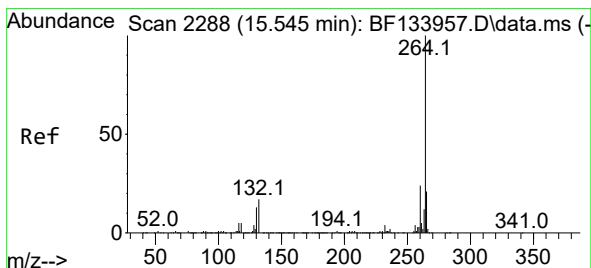
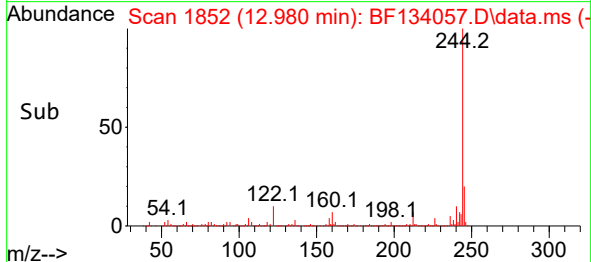
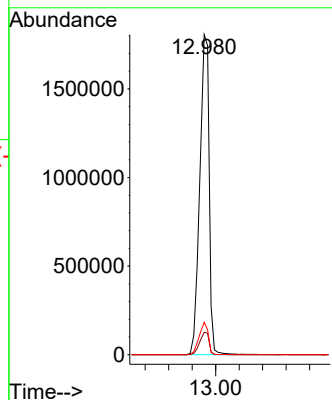
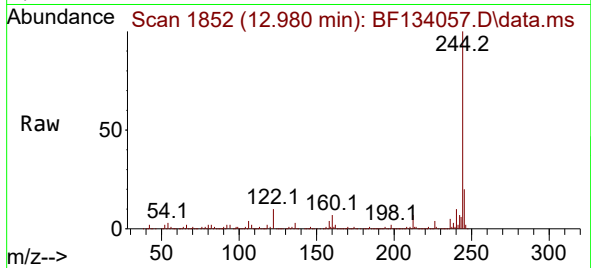




#79
 Terphenyl-d14
 Concen: 82.468 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134057.D
 Acq: 30 Jun 2023 17:37

Instrument :
 BNA_F
 ClientSampleId :
 PB153812TB

Tgt Ion:244 Resp: 2005017
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF134057.D
 Acq: 30 Jun 2023 17:37

Tgt Ion:264 Resp: 318016
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.5 29.3
 265 21.7 16.6 25.0

