

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134205.D
 Acq On : 11 Jul 2023 10:12
 Operator : CG\JU
 Sample : PB153986BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 01:00:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

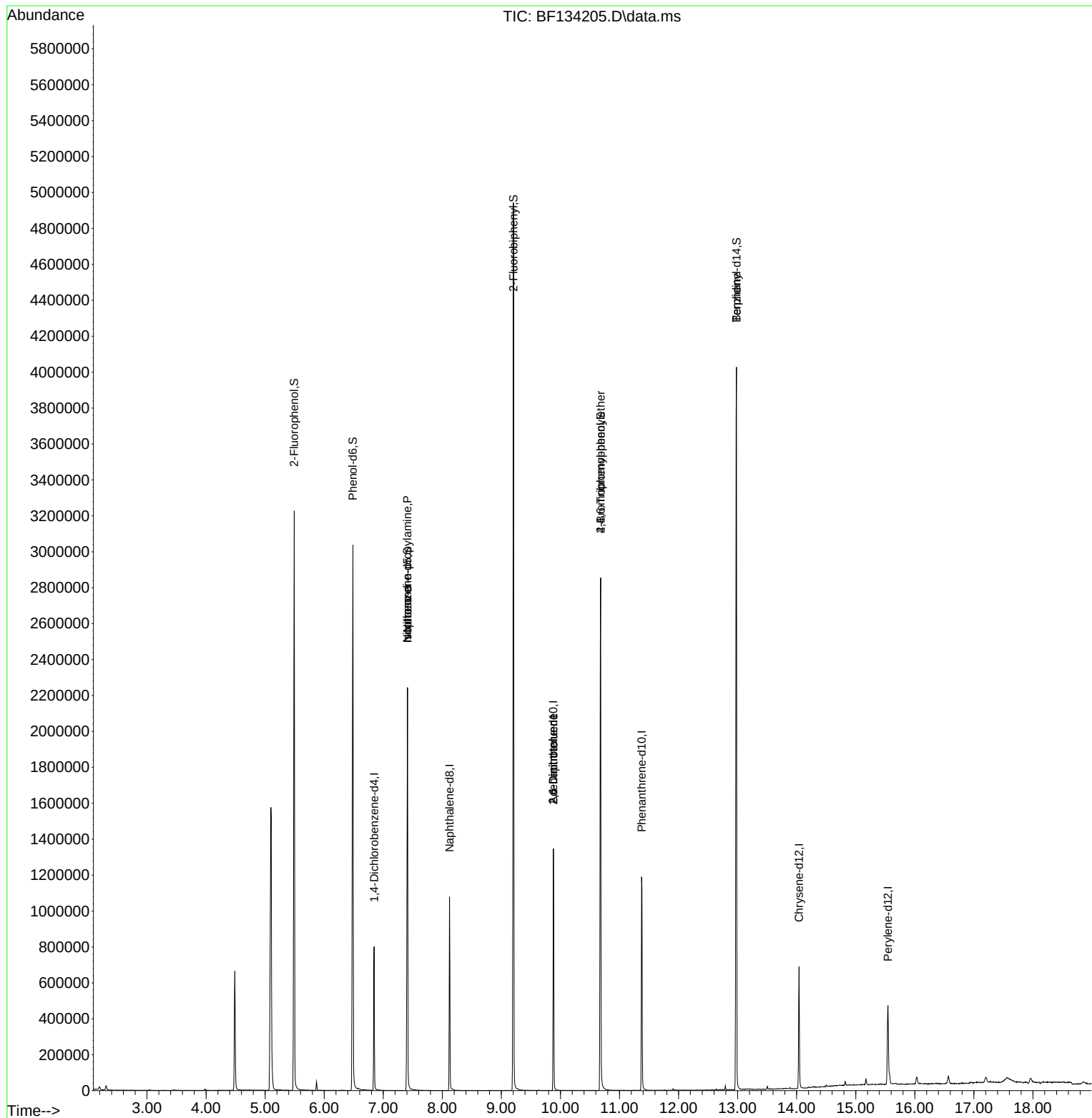
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	113270	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	447657	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	252213	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	488893	20.000	ng	0.00
76) Chrysene-d12	14.039	240	236017	20.000	ng	0.00
86) Perylene-d12	15.545	264	227986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	851289	125.718	ng	0.02
7) Phenol-d6	6.487	99	1016371	122.050	ng	0.00
23) Nitrobenzene-d5	7.410	82	705079	84.903	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	382296	120.894	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1450001	83.586	ng	0.00
79) Terphenyl-d14	12.980	244	1544026	105.288	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.487	77	1655	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	97623	18.486	ng	# 77
25) Isophorone	7.410	82	705079	46.716	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	32266	8.183	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	32266	6.196	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	23052	4.436	ng	# 1
77) Benizidine	12.980	184	20887	3.719	ng	# 92

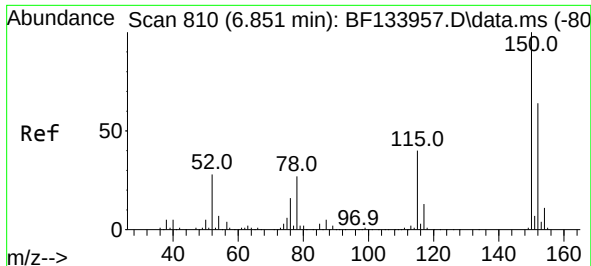
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134205.D
Acq On : 11 Jul 2023 10:12
Operator : CG\JU
Sample : PB153986BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

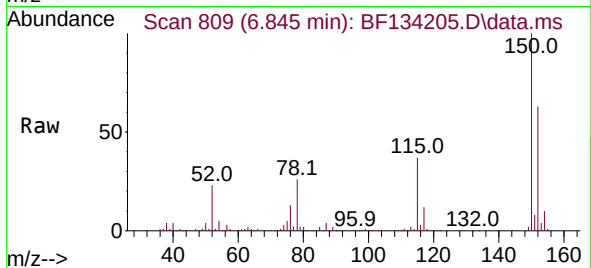
Quant Time: Jul 12 01:00:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration



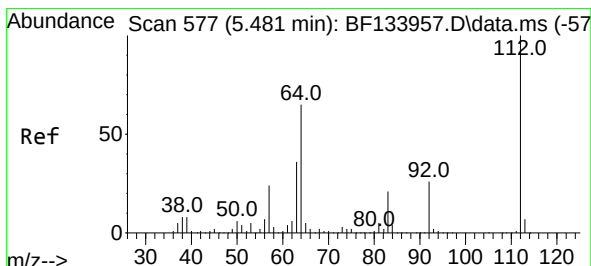
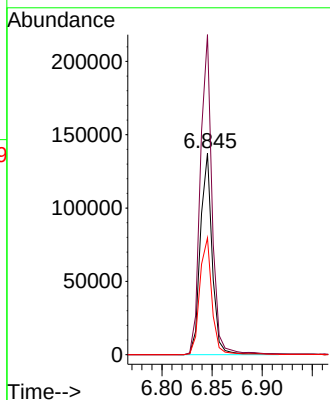
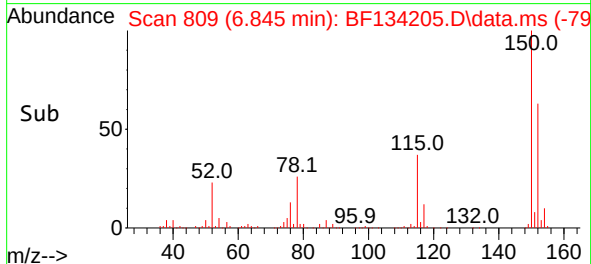


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF134205.D
 Acq: 11 Jul 2023 10:12

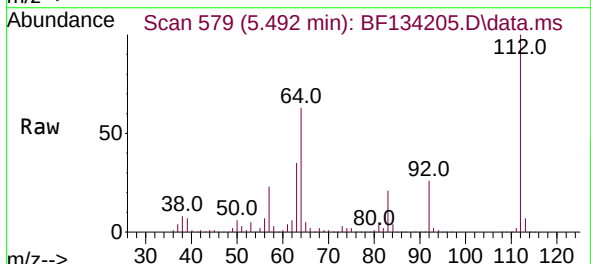
Instrument :
 BNA_F
 ClientSampleId :



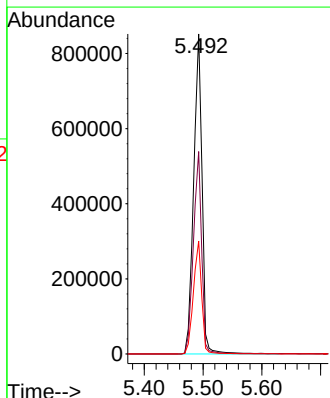
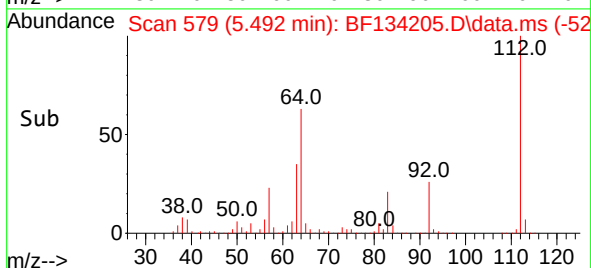
Tgt Ion:152 Resp: 113270
 Ion Ratio Lower Upper
 152 100
 150 158.8 124.5 186.7
 115 58.0 50.2 75.2

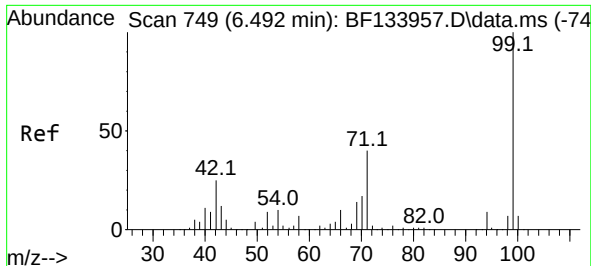


#5
 2-Fluorophenol
 Concen: 125.718 ng
 RT: 5.492 min Scan# 579
 Delta R.T. 0.018 min
 Lab File: BF134205.D
 Acq: 11 Jul 2023 10:12



Tgt Ion:112 Resp: 851289
 Ion Ratio Lower Upper
 112 100
 64 63.3 52.1 78.1
 63 35.3 28.6 42.8

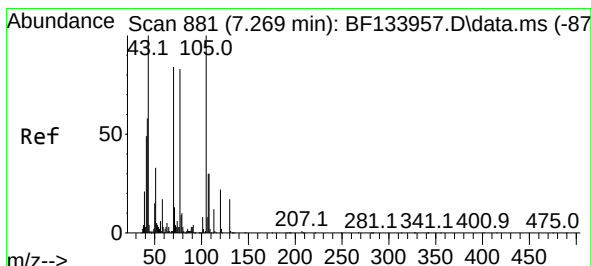
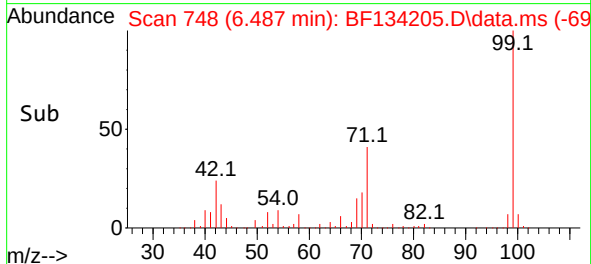
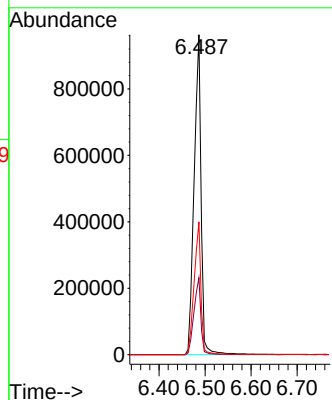
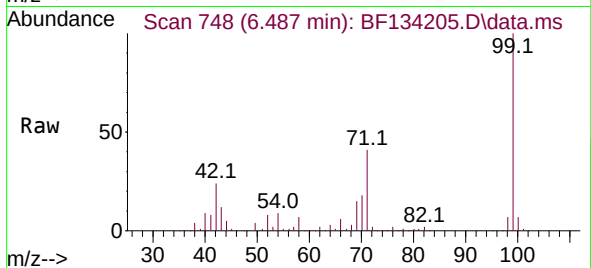




#7
Phenol-d6
Concen: 122.050 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134205.D
Acq: 11 Jul 2023 10:12

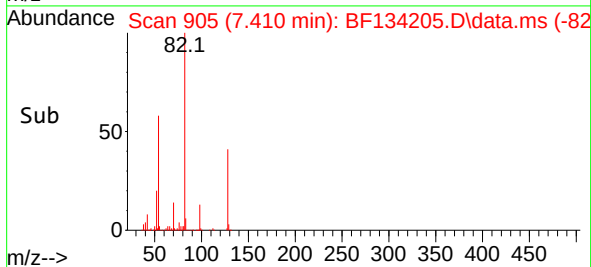
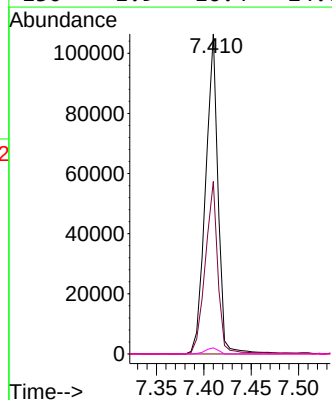
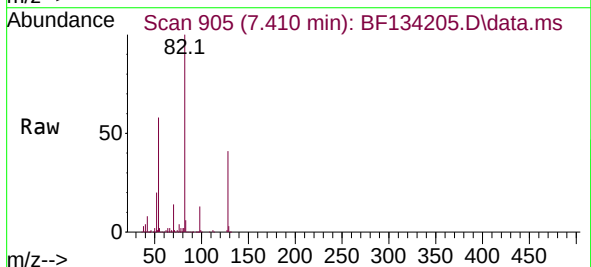
Instrument :
BNA_F
ClientSampleId :

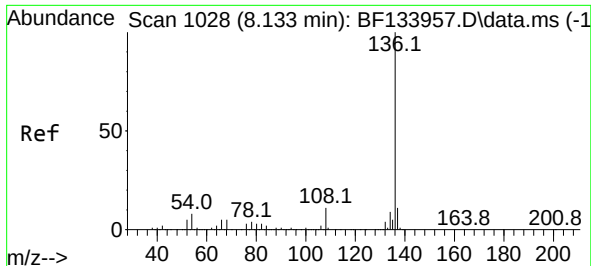
Tgt Ion: 99 Resp: 1016371
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 41.5 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.486 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF134205.D
Acq: 11 Jul 2023 10:12

Tgt Ion: 70 Resp: 97623
Ion Ratio Lower Upper
70 100
42 53.9 54.7 82.1#
101 0.0 7.7 11.5#
130 1.9 16.4 24.6#



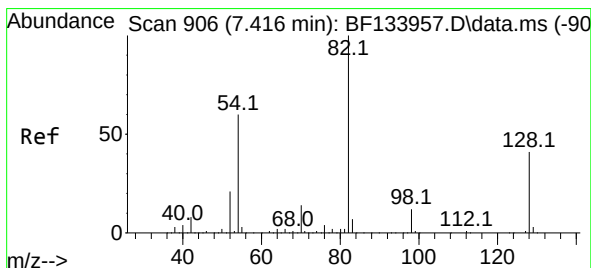
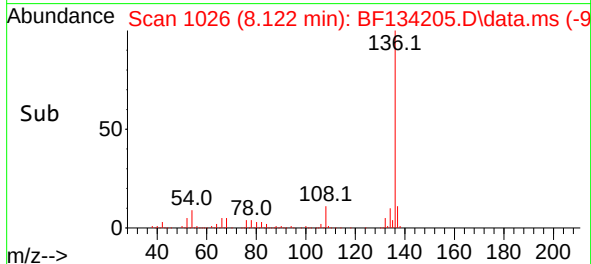
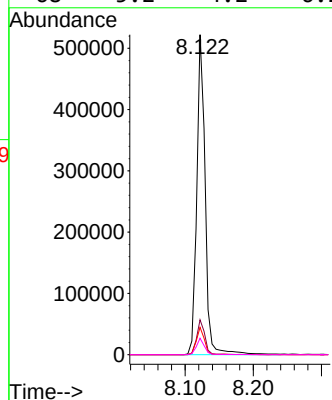
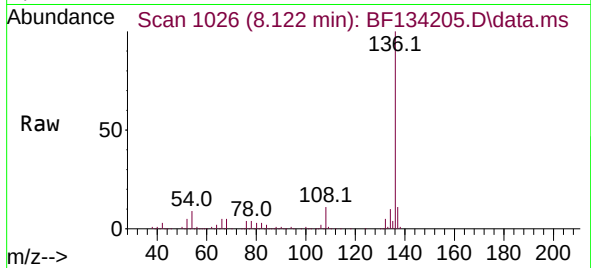


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134205.D
Acq: 11 Jul 2023 10:12

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 447657

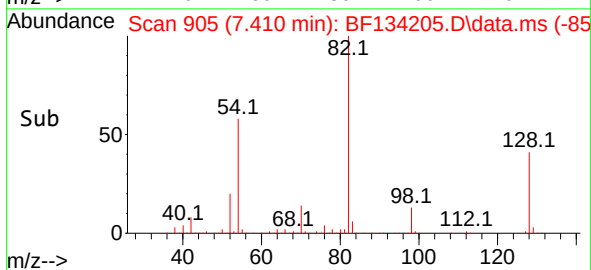
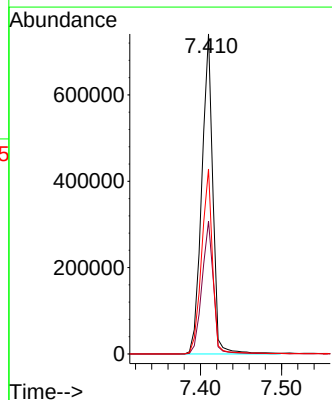
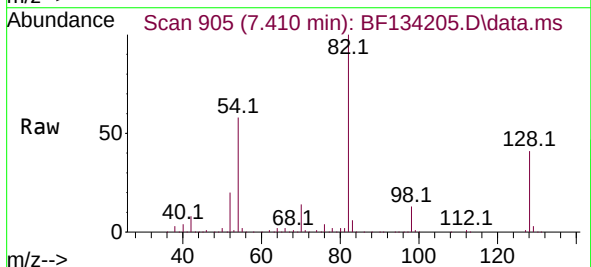
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.5	6.5	9.7
68	5.2	4.2	6.2

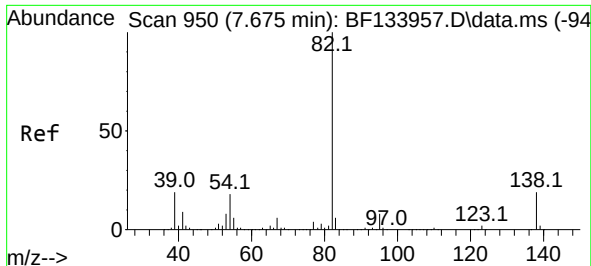


#23
Nitrobenzene-d5
Concen: 84.903 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF134205.D
Acq: 11 Jul 2023 10:12

Tgt Ion: 82 Resp: 705079

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.5	48.7
54	57.8	48.2	72.2

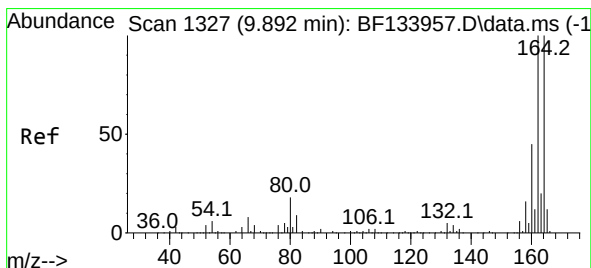
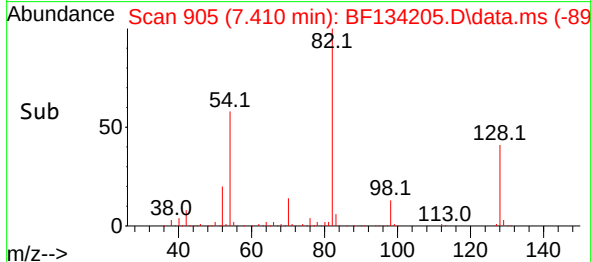
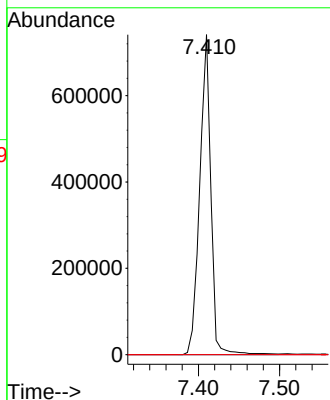
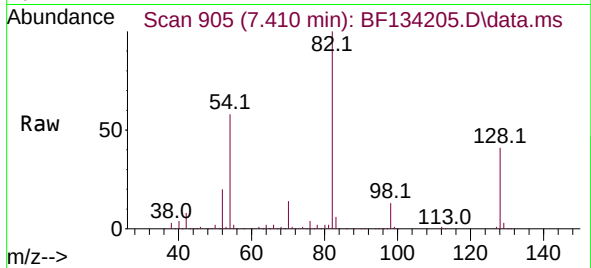




#25
Isophorone
Concen: 46.716 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.253 min
Lab File: BF134205.D
Acq: 11 Jul 2023 10:12

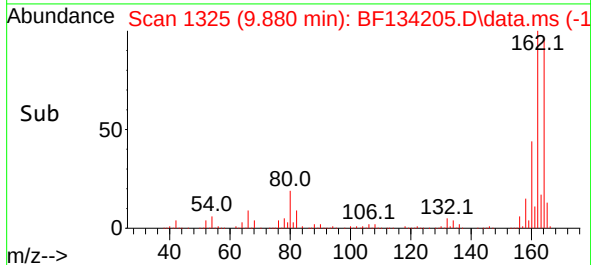
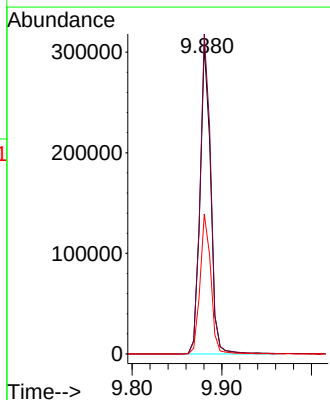
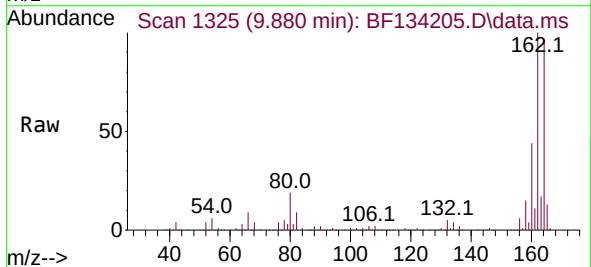
Instrument :
BNA_F
ClientSampleId :

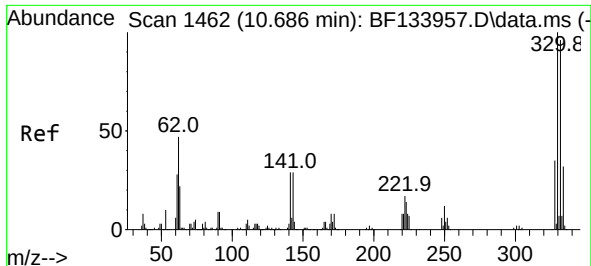
Tgt Ion: 82 Resp: 705079
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134205.D
Acq: 11 Jul 2023 10:12

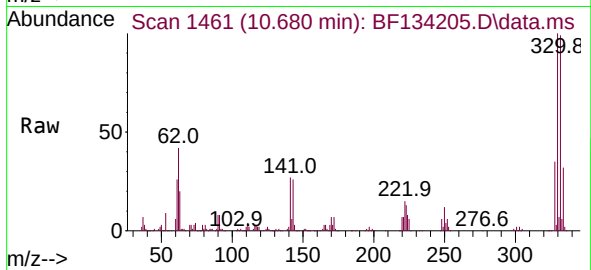
Tgt Ion:164 Resp: 252213
Ion Ratio Lower Upper
164 100
162 103.8 80.0 120.0
160 45.3 35.9 53.9



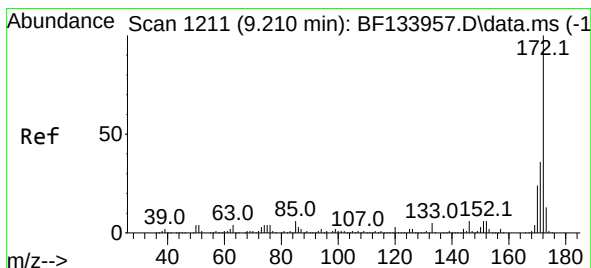
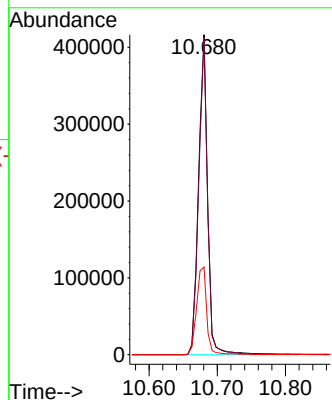
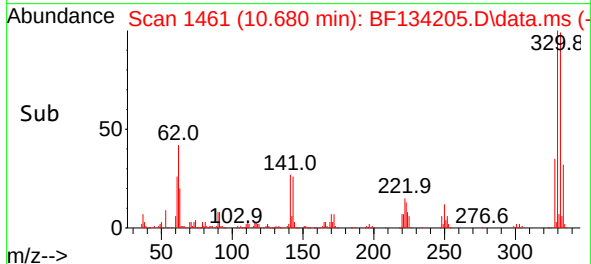


#42
2,4,6-Tribromophenol
Concen: 120.894 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134205.D
Acq: 11 Jul 2023 10:12

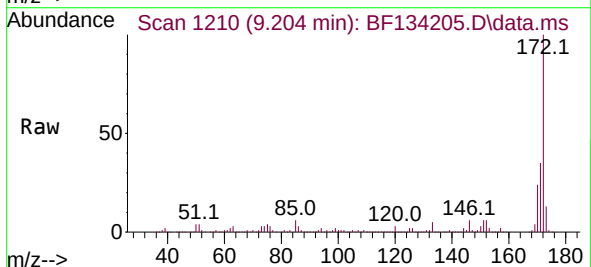
Instrument :
BNA_F
ClientSampleId :



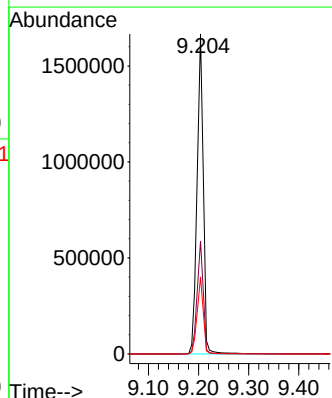
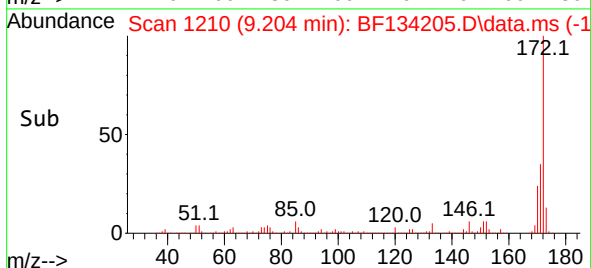
Tgt Ion:330 Resp: 382296
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 30.7 26.3 39.5

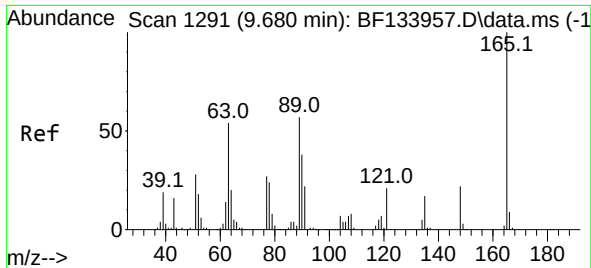


#45
2-Fluorobiphenyl
Concen: 83.586 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF134205.D
Acq: 11 Jul 2023 10:12



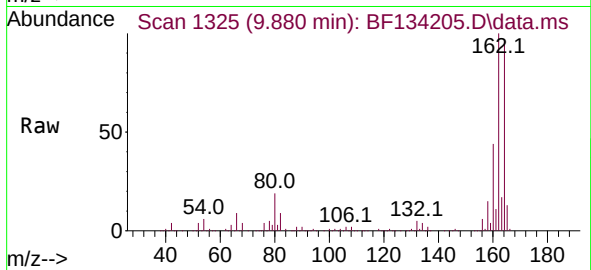
Tgt Ion:172 Resp: 1450001
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.1 19.4 29.0



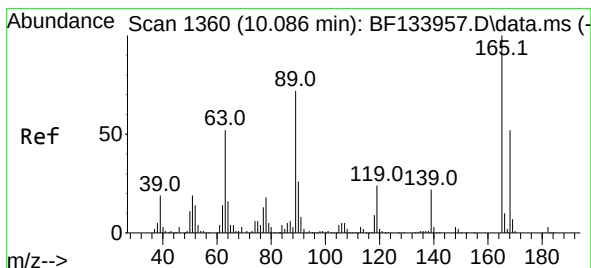
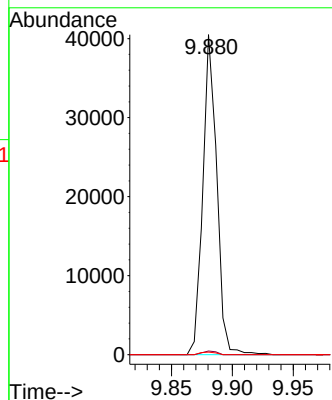
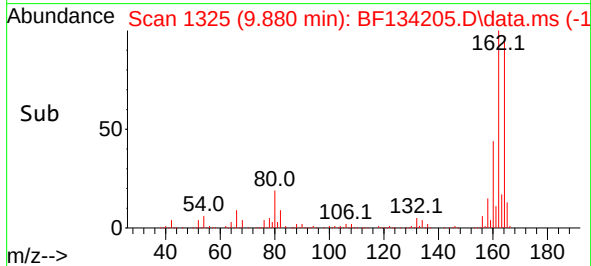


#51
2,6-Dinitrotoluene
Concen: 8.183 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134205.D
Acq: 11 Jul 2023 10:12

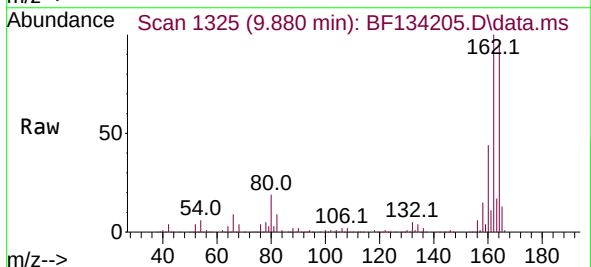
Instrument :
BNA_F
ClientSampleId :



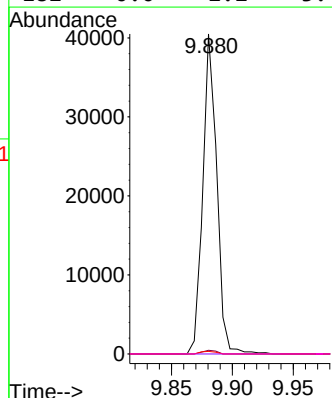
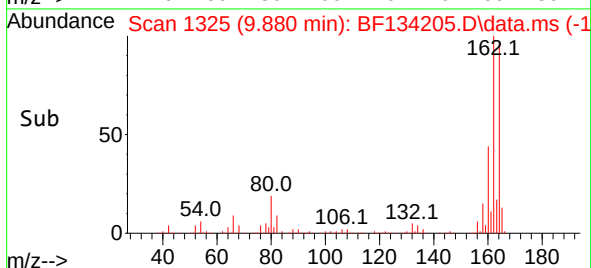
Tgt Ion:165 Resp: 32266
Ion Ratio Lower Upper
165 100
63 1.2 48.5 72.7#
89 0.8 45.5 68.3#

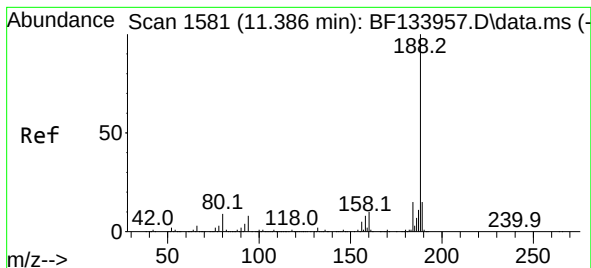


#57
2,4-Dinitrotoluene
Concen: 6.196 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134205.D
Acq: 11 Jul 2023 10:12



Tgt Ion:165 Resp: 32266
Ion Ratio Lower Upper
165 100
63 1.2 42.2 63.2#
89 0.8 57.4 86.2#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134205.D

Acq: 11 Jul 2023 10:12

Instrument :

BNA_F

ClientSampleId :

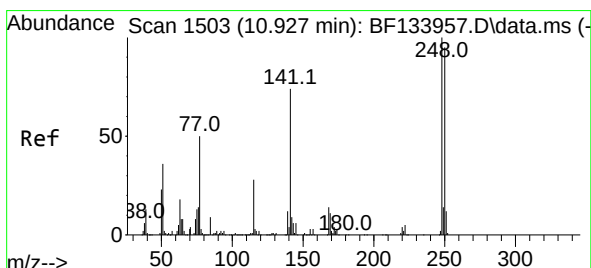
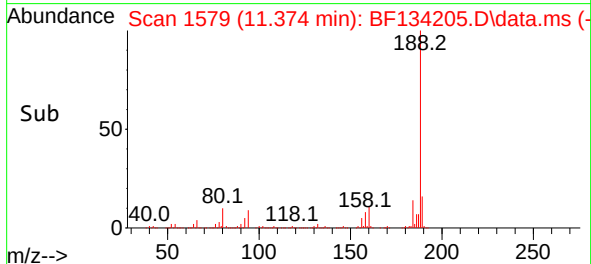
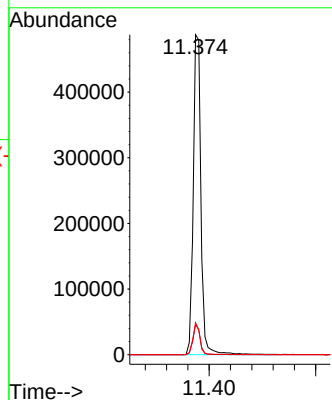
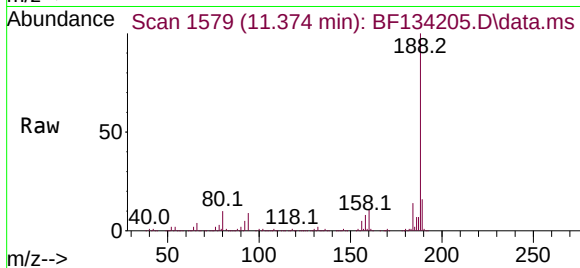
Tgt Ion:188 Resp: 488893

Ion Ratio Lower Upper

188 100

94 9.4 6.4 9.6

80 10.0 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.436 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.241 min

Lab File: BF134205.D

Acq: 11 Jul 2023 10:12

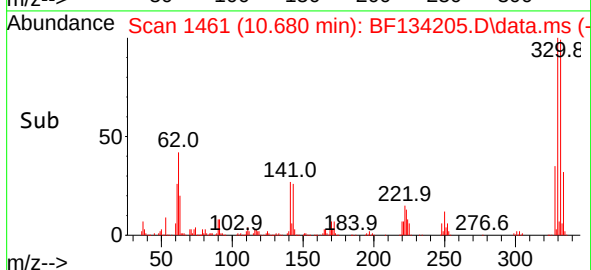
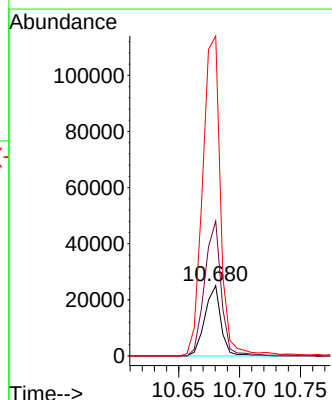
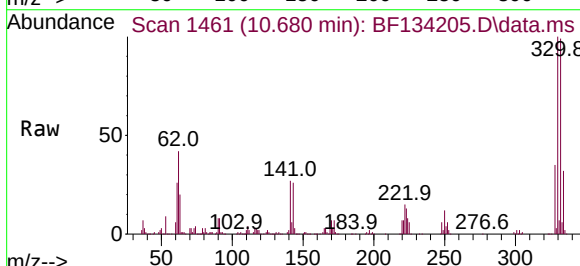
Tgt Ion:248 Resp: 23052

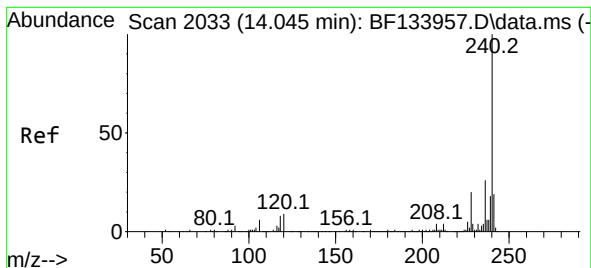
Ion Ratio Lower Upper

248 100

250 192.0 76.2 114.4#

141 455.7 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF134205.D

Acq: 11 Jul 2023 10:12

Instrument :

BNA_F

ClientSampleId :

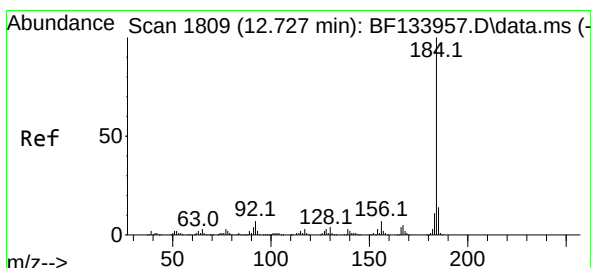
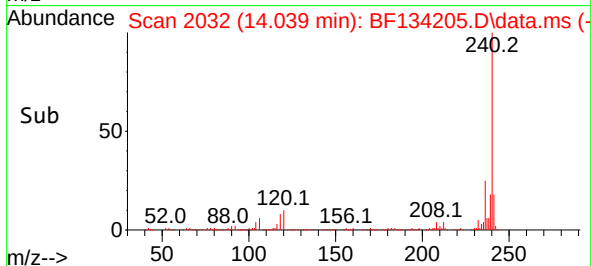
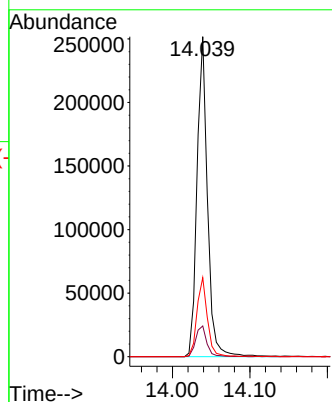
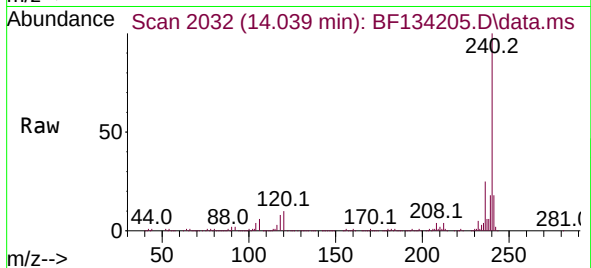
Tgt Ion:240 Resp: 236017

Ion Ratio Lower Upper

240 100

120 9.6 7.4 11.0

236 24.7 21.0 31.6



#77

Benzidine

Concen: 3.719 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.253 min

Lab File: BF134205.D

Acq: 11 Jul 2023 10:12

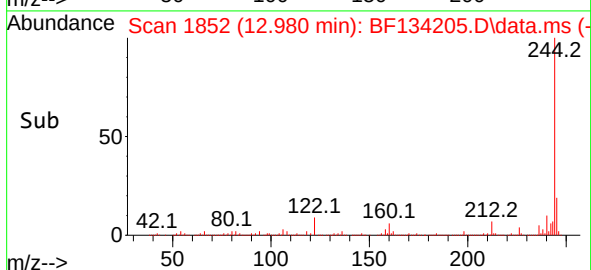
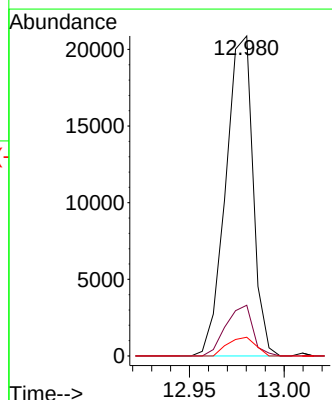
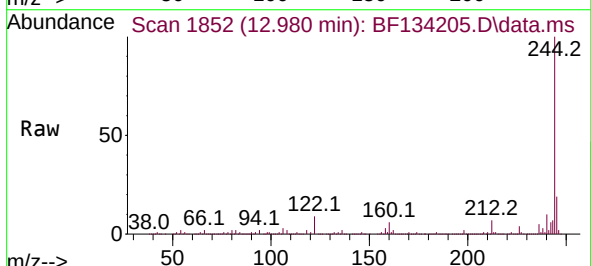
Tgt Ion:184 Resp: 20887

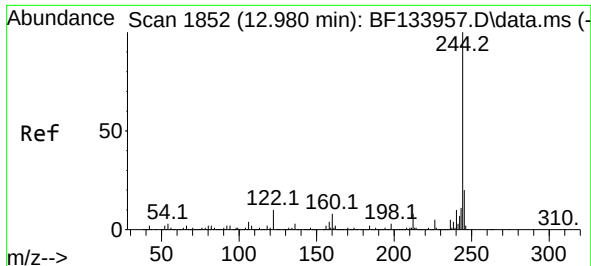
Ion Ratio Lower Upper

184 100

185 15.8 11.6 17.4

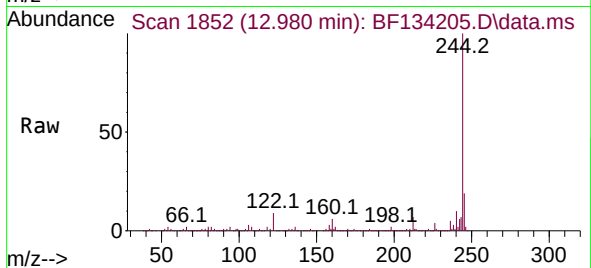
183 5.9 8.8 13.2#



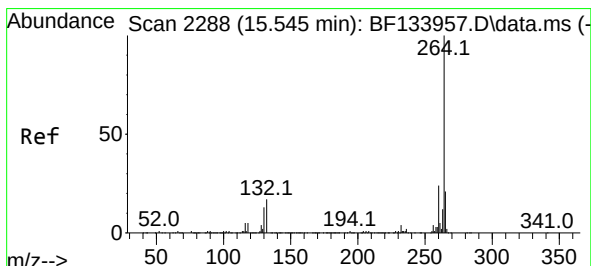
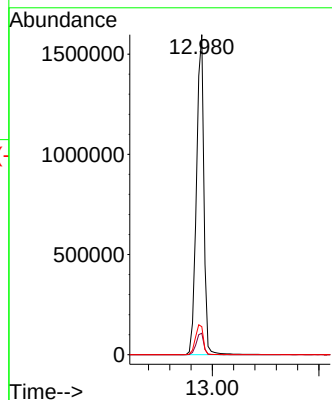
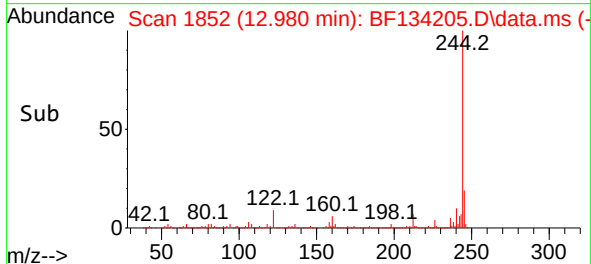


#79
 Terphenyl-d14
 Concen: 105.288 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF134205.D
 Acq: 11 Jul 2023 10:12

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1544026
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 8.8 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.000 min
 Lab File: BF134205.D
 Acq: 11 Jul 2023 10:12

Tgt Ion:264 Resp: 227986
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 20.4 16.6 25.0

