

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
 Data File : BF134261.D
 Acq On : 13 Jul 2023 14:35
 Operator : CG\JU
 Sample : PB153430BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 19:10:16 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)

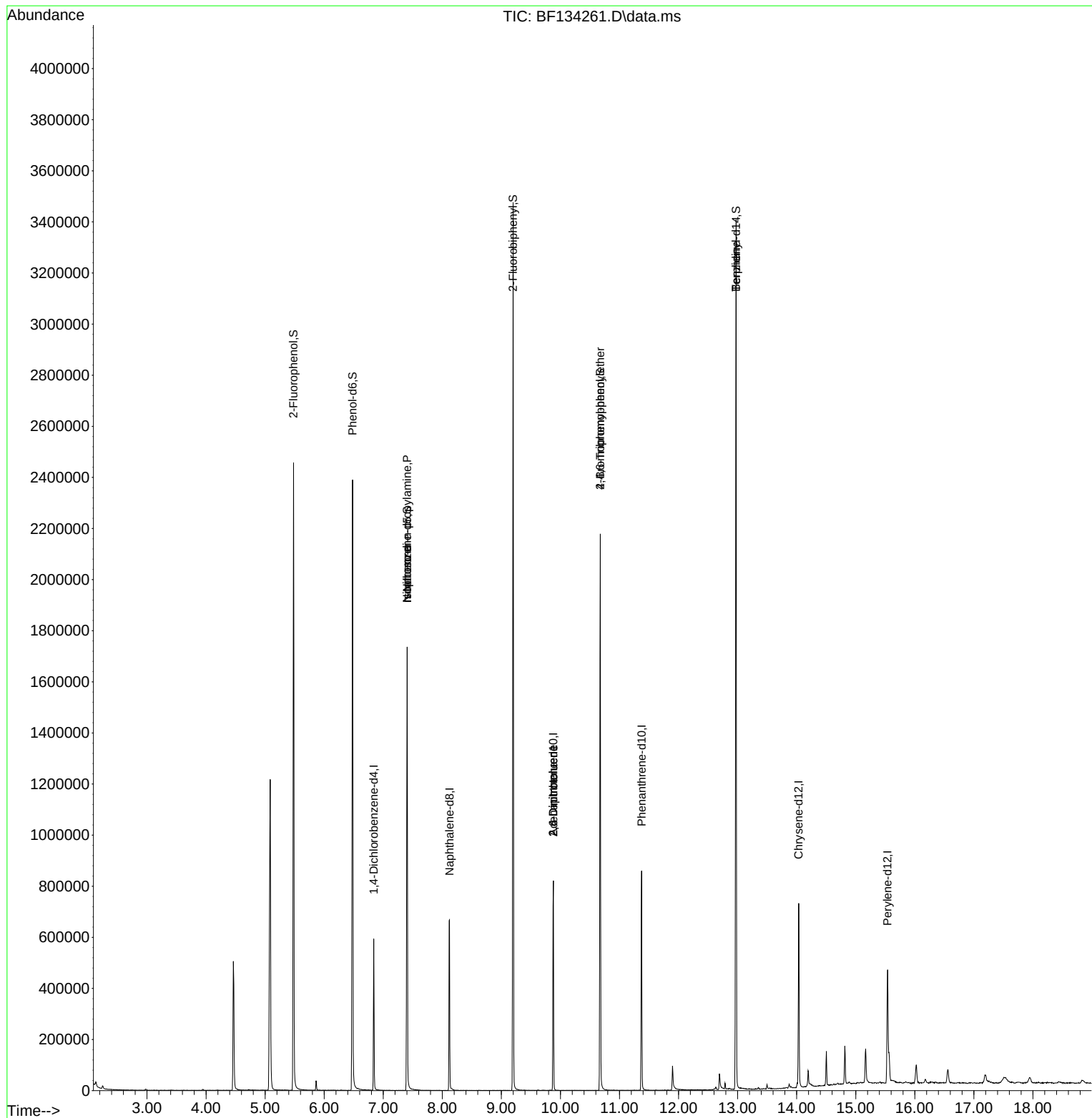
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	78087	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	308416	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	155588	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	316579	20.000	ng	0.00
76) Chrysene-d12	14.033	240	241136	20.000	ng	0.00
86) Perylene-d12	15.539	264	222317	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	627239	134.366	ng	0.00
7) Phenol-d6	6.481	99	741062	129.085	ng	0.00
23) Nitrobenzene-d5	7.404	82	508024	88.793	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	259312	132.929	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	964964	90.171	ng	0.00
79) Terphenyl-d14	12.974	244	1176617	78.531	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1316	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	70614	19.396	ng	# 78
25) Isophorone	7.404	82	508019	48.856	ng	# 64
51) 2,6-Dinitrotoluene	9.880	165	20224	8.314	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	20224	6.295	ng	# 22
67) 4-Bromophenyl-phenylether	10.674	248	15605	4.638	ng	# 1
77) Benzydine	12.974	184	16311	2.843	ng	# 93

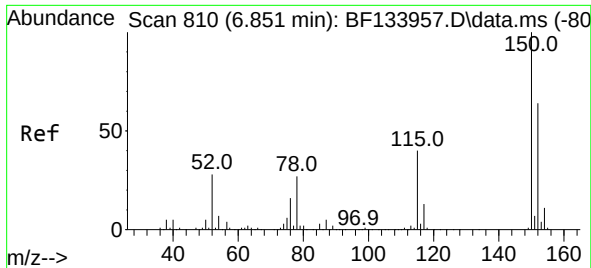
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071323\
Data File : BF134261.D
Acq On : 13 Jul 2023 14:35
Operator : CG\JU
Sample : PB153430BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

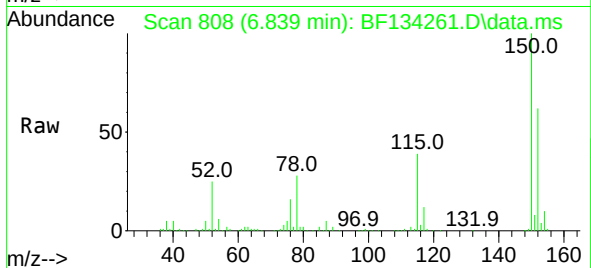
Quant Time: Jul 13 19:10:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration



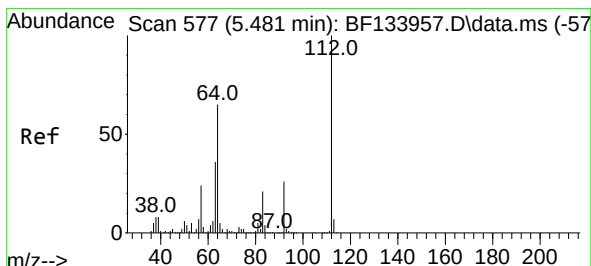
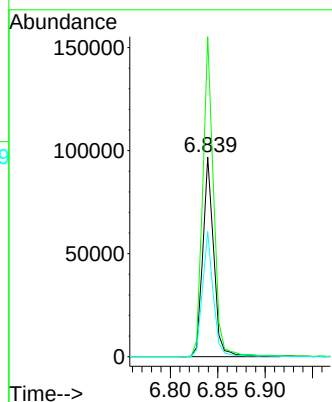
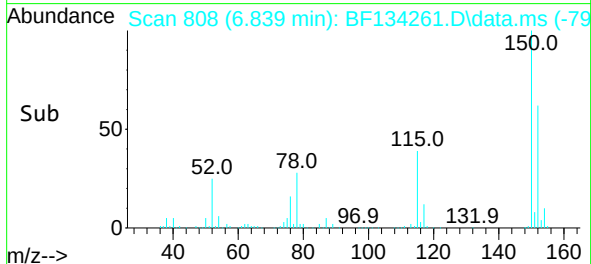


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134261.D
Acq: 13 Jul 2023 14:35

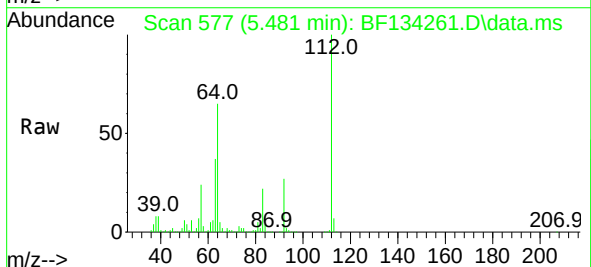
Instrument :
BNA_F
ClientSampleId :



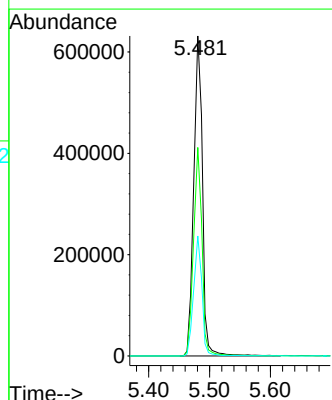
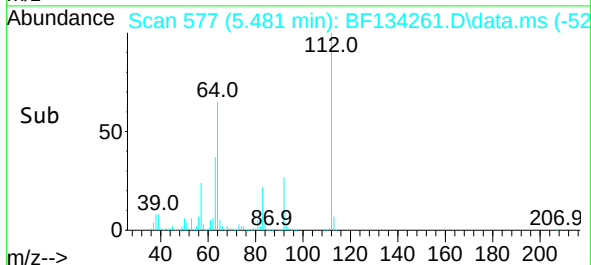
Tgt Ion:152 Resp: 78087
Ion Ratio Lower Upper
152 100
150 160.3 124.5 186.7
115 62.6 50.2 75.2

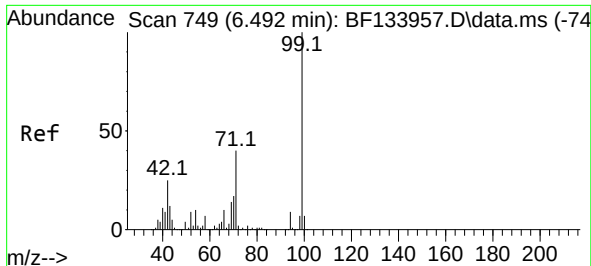


#5
2-Fluorophenol
Concen: 134.366 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF134261.D
Acq: 13 Jul 2023 14:35



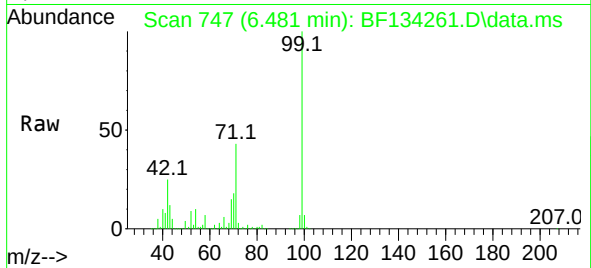
Tgt Ion:112 Resp: 627239
Ion Ratio Lower Upper
112 100
64 65.2 52.1 78.1
63 37.5 28.6 42.8



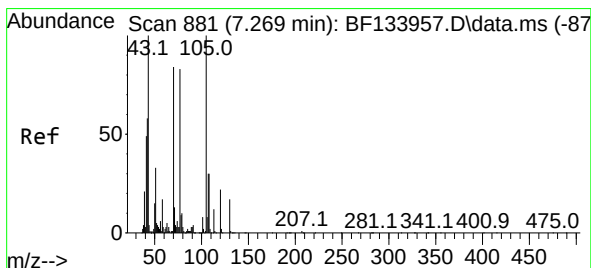
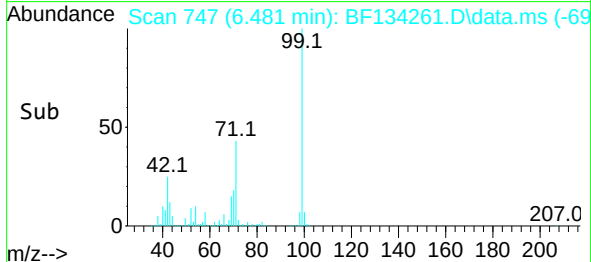
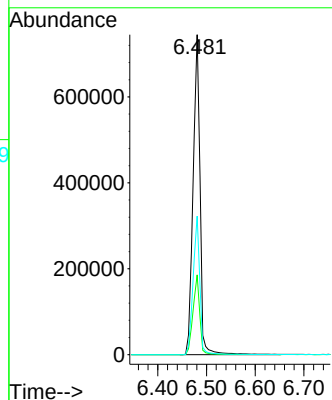


#7
Phenol-d6
Concen: 129.085 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134261.D
Acq: 13 Jul 2023 14:35

Instrument :
BNA_F
ClientSampleId :

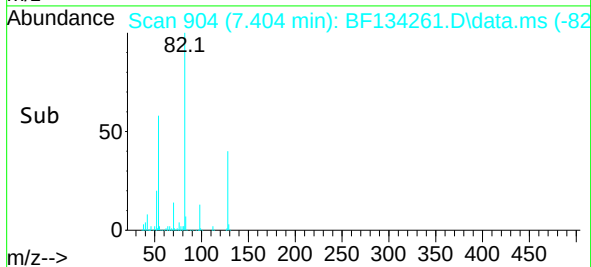
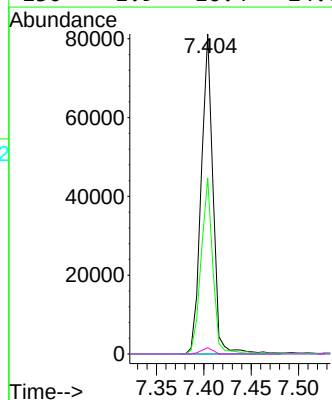
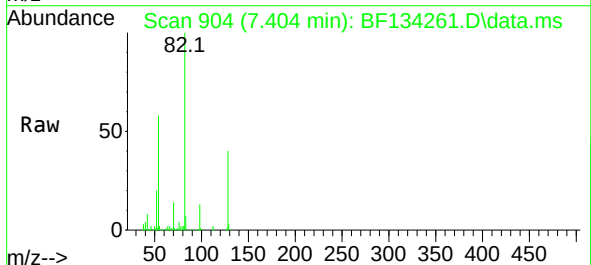


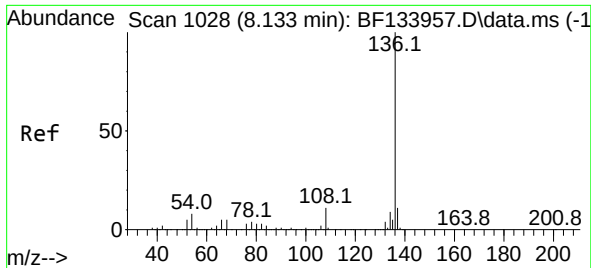
Tgt Ion: 99 Resp: 741062
Ion Ratio Lower Upper
99 100
42 24.9 19.8 29.6
71 43.3 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.396 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF134261.D
Acq: 13 Jul 2023 14:35

Tgt Ion: 70 Resp: 70614
Ion Ratio Lower Upper
70 100
42 54.9 54.7 82.1
101 0.0 7.7 11.5#
130 1.9 16.4 24.6#



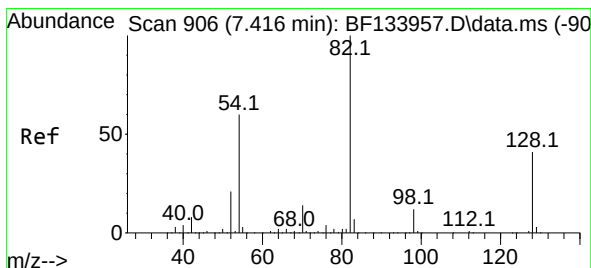
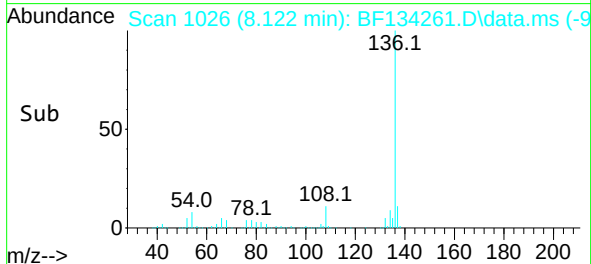
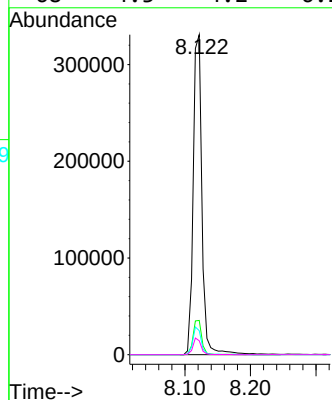
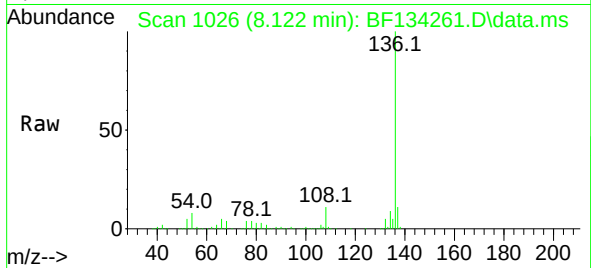


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134261.D
Acq: 13 Jul 2023 14:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 308416

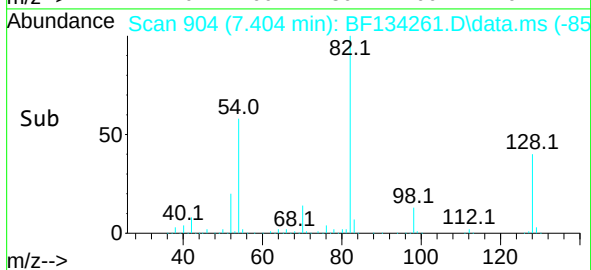
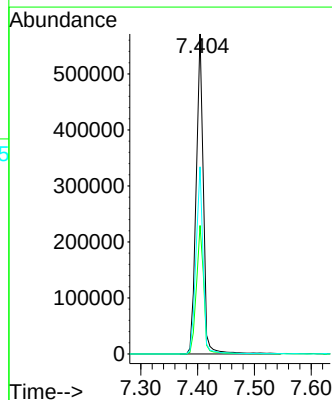
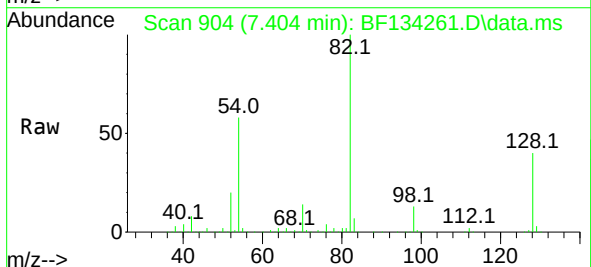
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.5	6.5	9.7
68	4.3	4.2	6.2

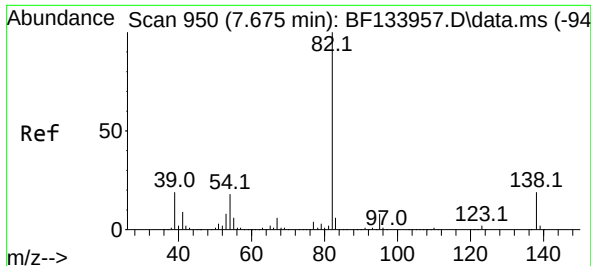


#23
Nitrobenzene-d5
Concen: 88.793 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134261.D
Acq: 13 Jul 2023 14:35

Tgt Ion: 82 Resp: 508024

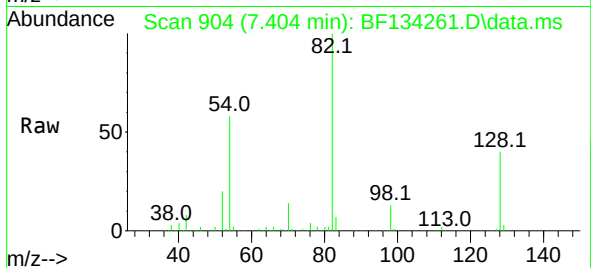
Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.5	48.7
54	58.5	48.2	72.2



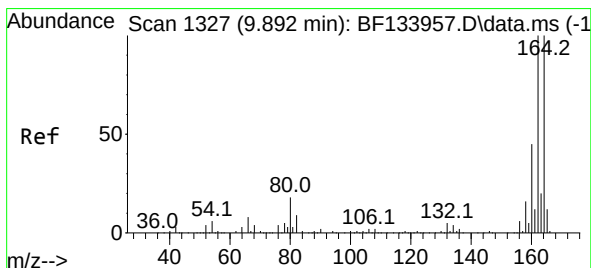
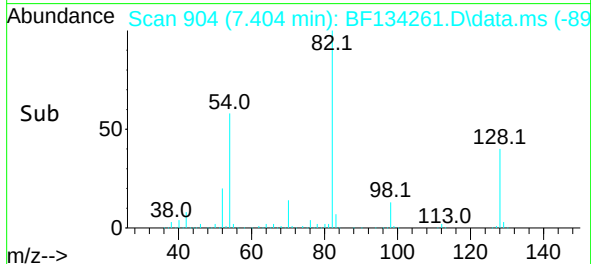
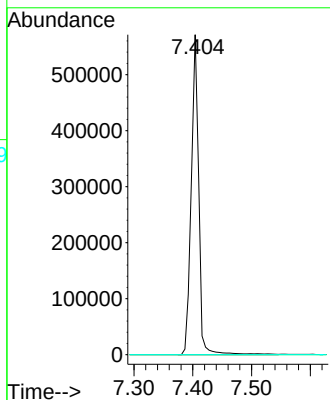


#25
Isophorone
Concen: 48.856 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134261.D
Acq: 13 Jul 2023 14:35

Instrument :
BNA_F
ClientSampleId :

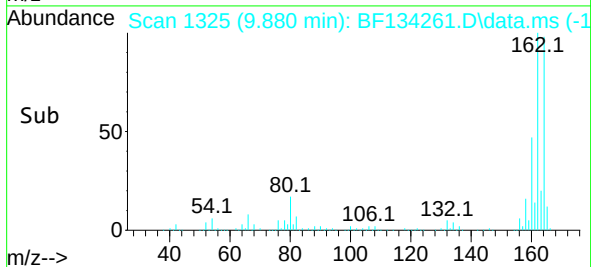
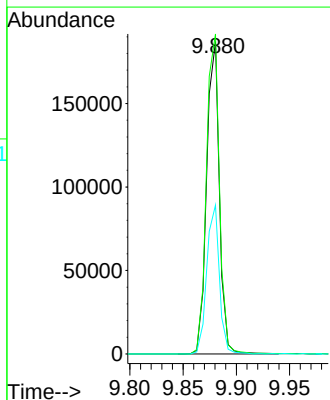
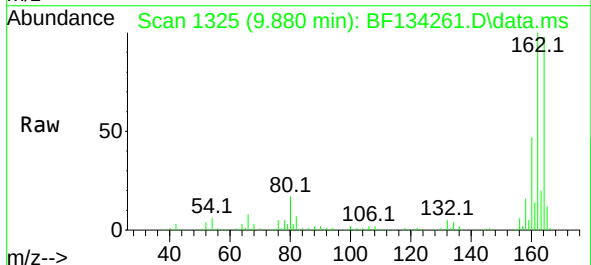


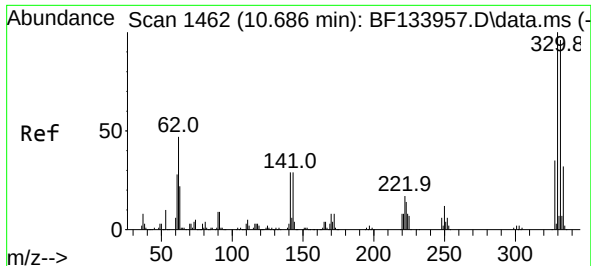
Tgt Ion: 82 Resp: 508019
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF134261.D
Acq: 13 Jul 2023 14:35

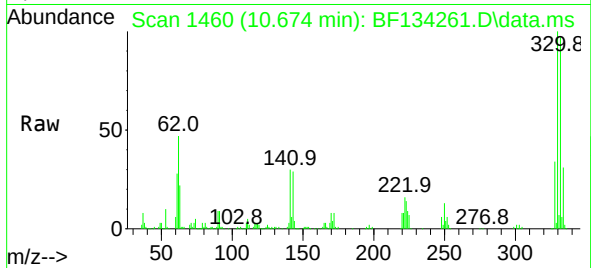
Tgt Ion:164 Resp: 155588
Ion Ratio Lower Upper
164 100
162 102.5 80.0 120.0
160 47.7 35.9 53.9



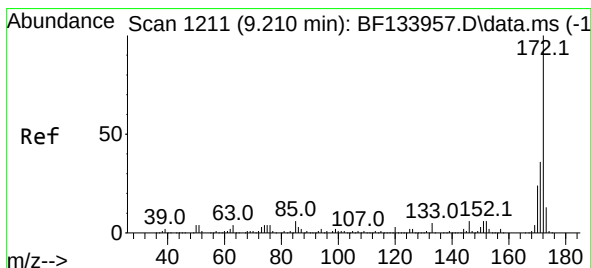
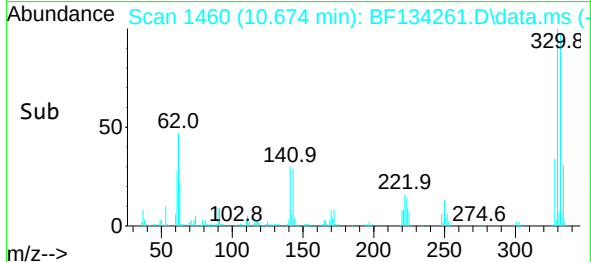
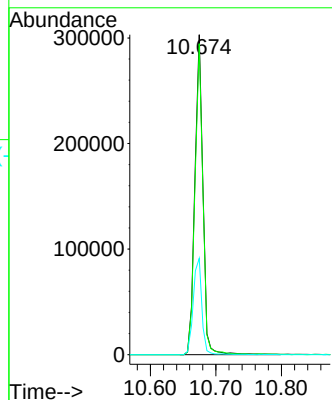


#42
2,4,6-Tribromophenol
Concen: 132.929 ng
RT: 10.674 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF134261.D
Acq: 13 Jul 2023 14:35

Instrument :
BNA_F
ClientSampleId :

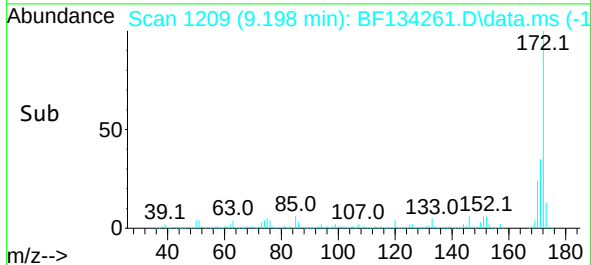
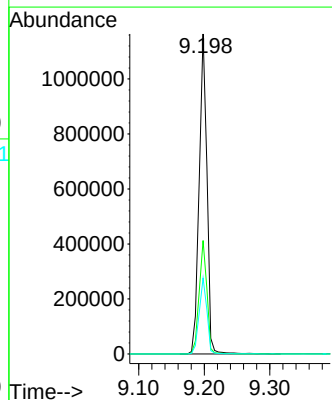
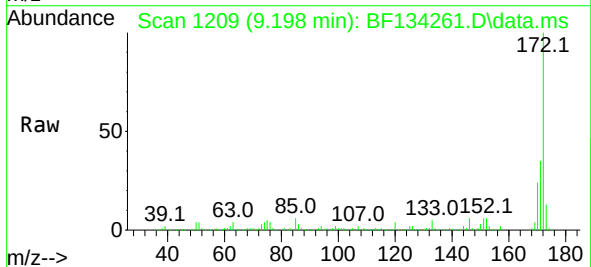


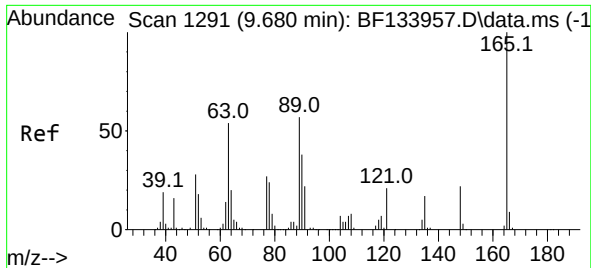
Tgt Ion:330 Resp: 259312
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 32.4 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 90.171 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134261.D
Acq: 13 Jul 2023 14:35

Tgt Ion:172 Resp: 964964
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.8 19.4 29.0

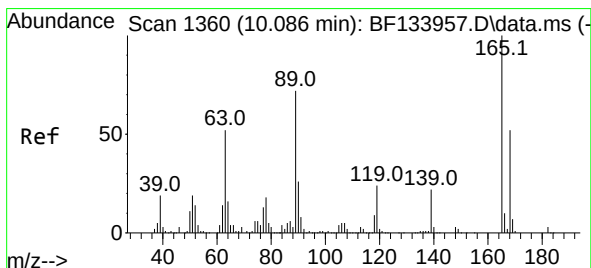
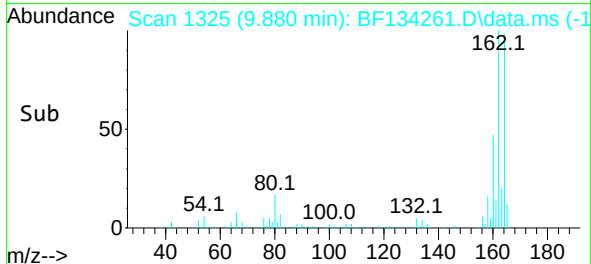
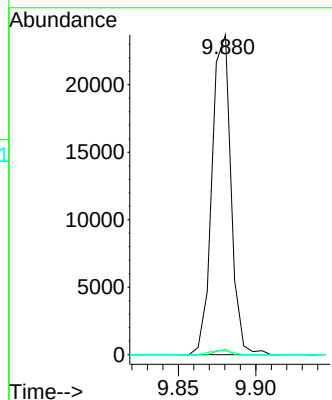
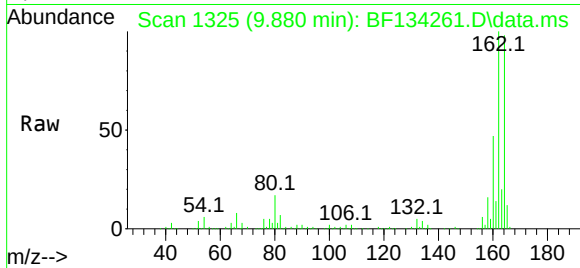




#51
2,6-Dinitrotoluene
Concen: 8.314 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF134261.D
Acq: 13 Jul 2023 14:35

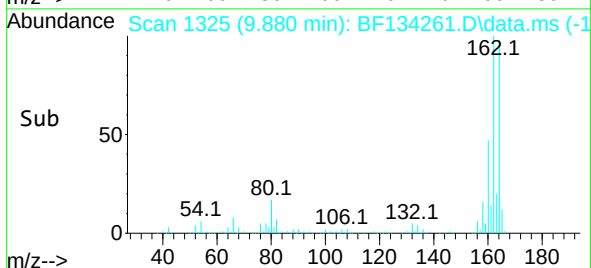
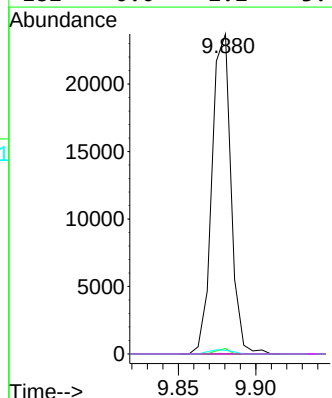
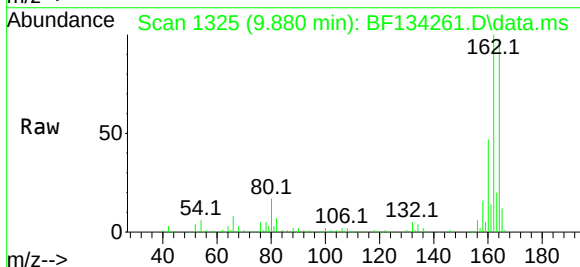
Instrument :
BNA_F
ClientSampleId :

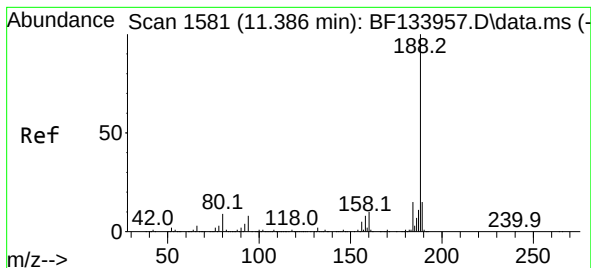
Tgt Ion:165 Resp: 20224
Ion Ratio Lower Upper
165 100
63 1.7 48.5 72.7#
89 1.2 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.295 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.200 min
Lab File: BF134261.D
Acq: 13 Jul 2023 14:35

Tgt Ion:165 Resp: 20224
Ion Ratio Lower Upper
165 100
63 1.7 42.2 63.2#
89 1.2 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: BF134261.D

Acq: 13 Jul 2023 14:35

Instrument :

BNA_F

ClientSampleId :

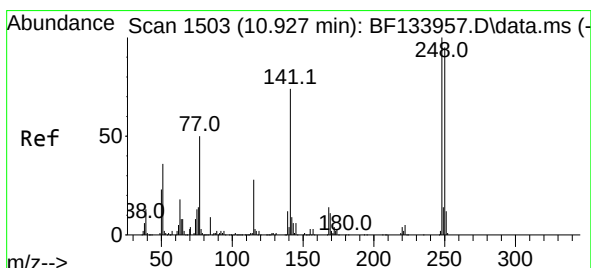
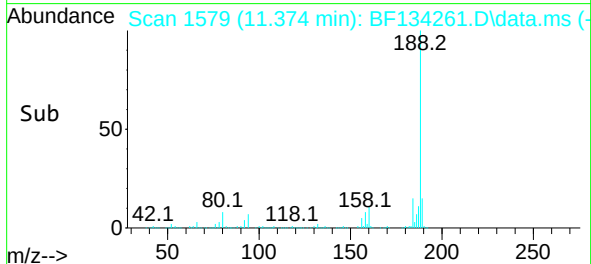
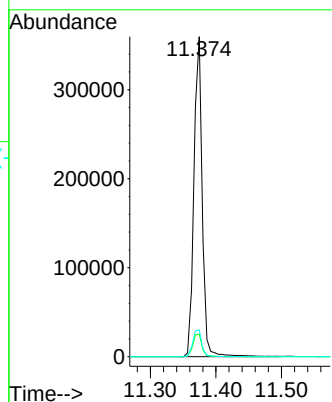
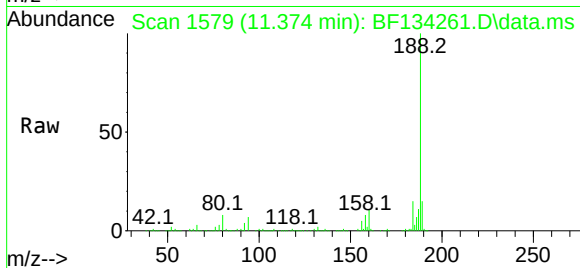
Tgt Ion:188 Resp: 316579

Ion Ratio Lower Upper

188 100

94 7.0 6.4 9.6

80 8.4 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 4.638 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.247 min

Lab File: BF134261.D

Acq: 13 Jul 2023 14:35

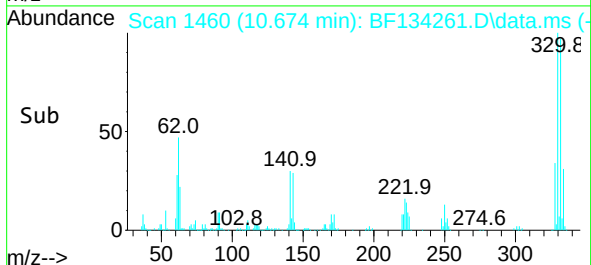
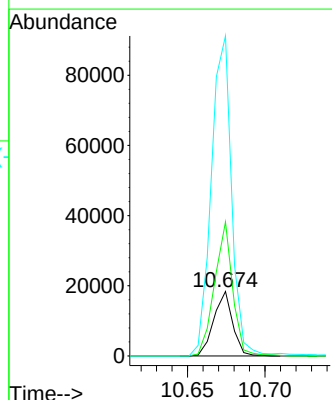
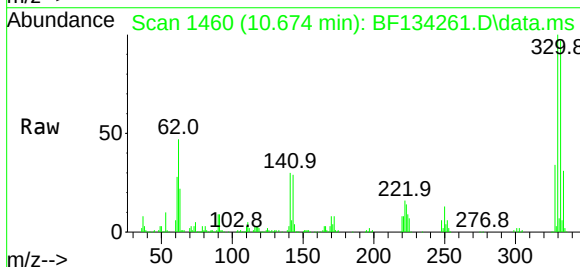
Tgt Ion:248 Resp: 15605

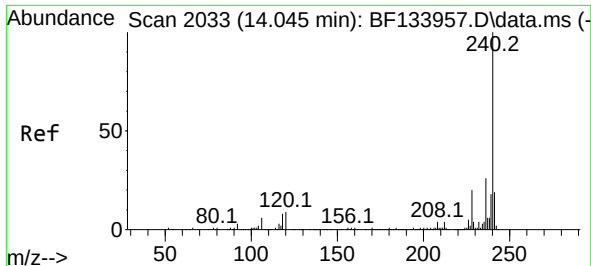
Ion Ratio Lower Upper

248 100

250 207.8 76.2 114.4#

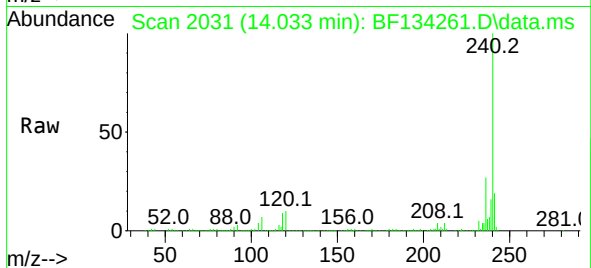
141 496.1 59.0 88.4#



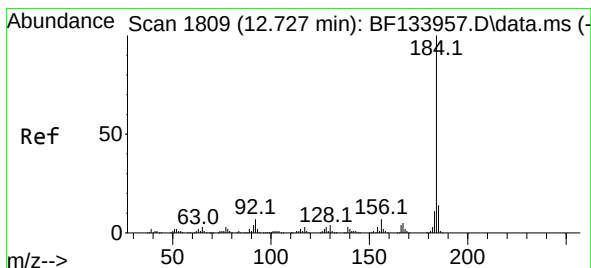
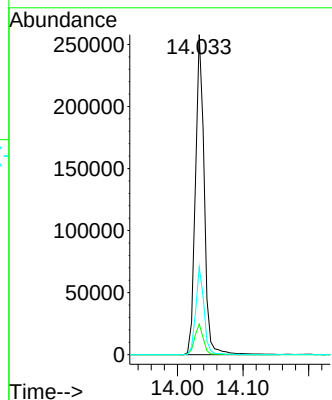
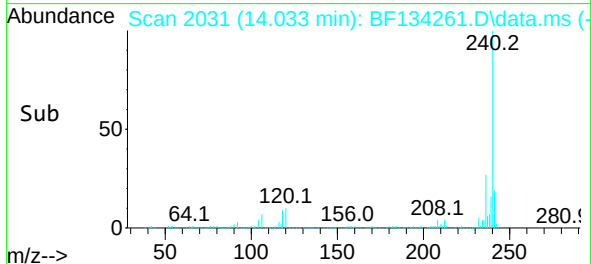


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134261.D
Acq: 13 Jul 2023 14:35

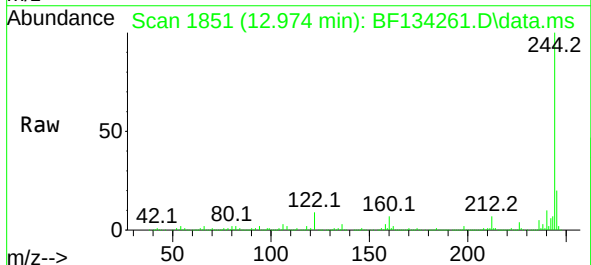
Instrument :
BNA_F
ClientSampleId :



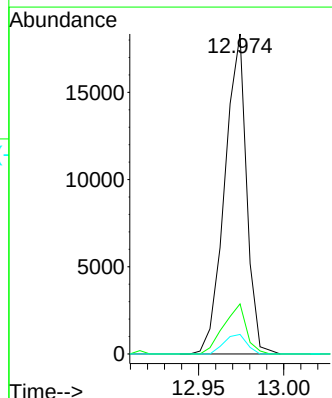
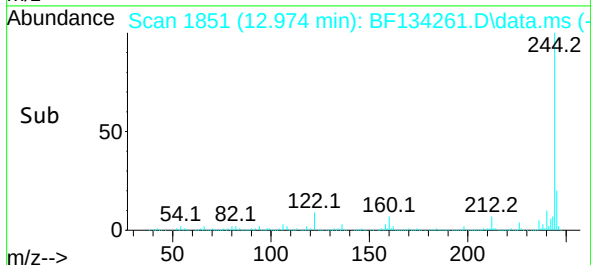
Tgt Ion:240 Resp: 241136
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 27.5 21.0 31.6

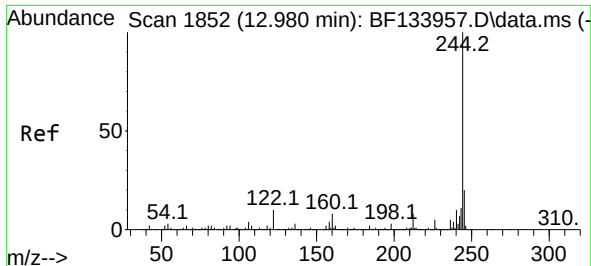


#77
Benzidine
Concen: 2.843 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF134261.D
Acq: 13 Jul 2023 14:35



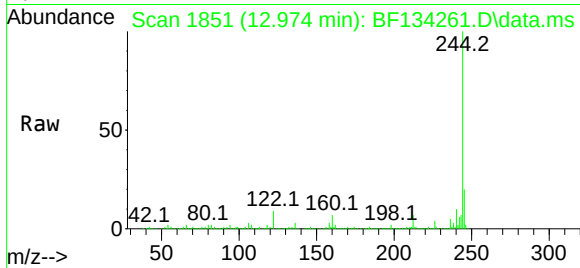
Tgt Ion:184 Resp: 16311
Ion Ratio Lower Upper
184 100
185 15.6 11.6 17.4
183 6.1 8.8 13.2#



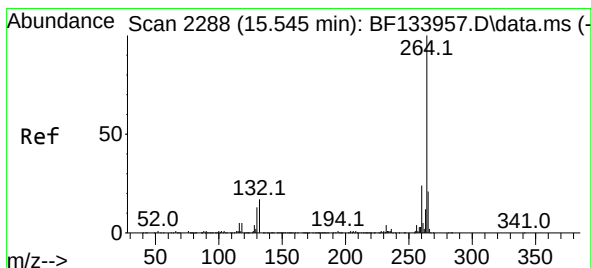
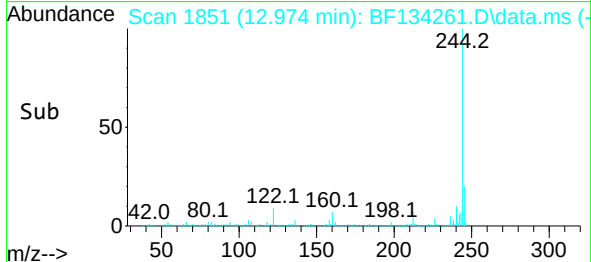
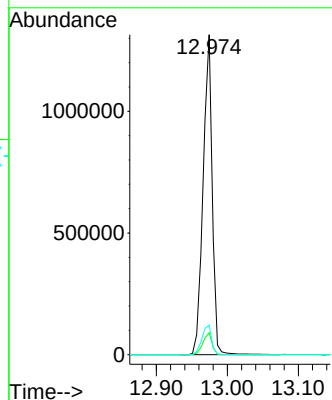


#79
 Terphenyl-d14
 Concen: 78.531 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF134261.D
 Acq: 13 Jul 2023 14:35

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1176617
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 9.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134261.D
 Acq: 13 Jul 2023 14:35

Tgt Ion:264 Resp: 222317
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.0 16.6 25.0

