

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071923\
 Data File : BF134356.D
 Acq On : 19 Jul 2023 13:34
 Operator : CG\JU
 Sample : PB154258BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 13:57:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

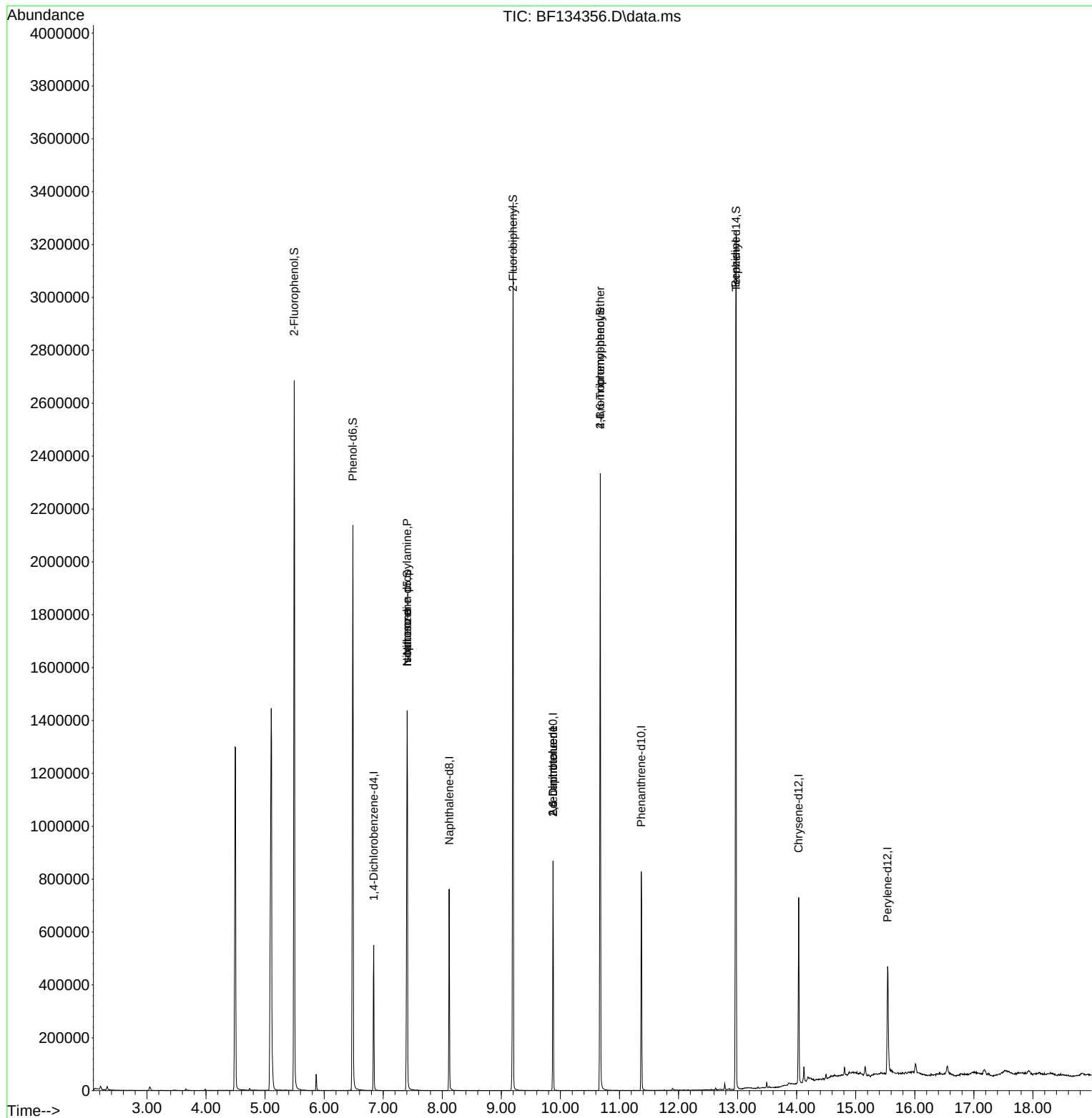
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	76908	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	293261	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	157065	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	314062	20.000	ng	0.00
76) Chrysene-d12	14.033	240	230557	20.000	ng	0.00
86) Perylene-d12	15.539	264	204908	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	749938	163.113	ng	0.02
7) Phenol-d6	6.487	99	724333	128.105	ng	0.00
23) Nitrobenzene-d5	7.404	82	501068	92.103	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	294034	149.310	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	968305	89.632	ng	0.00
79) Terphenyl-d14	12.975	244	1204242	84.063	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.410	77	439	Below Cal	#	77
19) n-Nitroso-di-n-propyla...	7.404	70	72853	20.318	ng	# 76
25) Isophorone	7.404	82	501061	50.677	ng	# 64
51) 2,6-Dinitrotoluene	9.875	165	19560	7.965	ng	# 24
57) 2,4-Dinitrotoluene	9.875	165	19560	6.031	ng	# 22
67) 4-Bromophenyl-phenylether	10.675	248	17101	5.123	ng	# 1
77) Benzidine	12.969	184	16955	3.091	ng	# 93

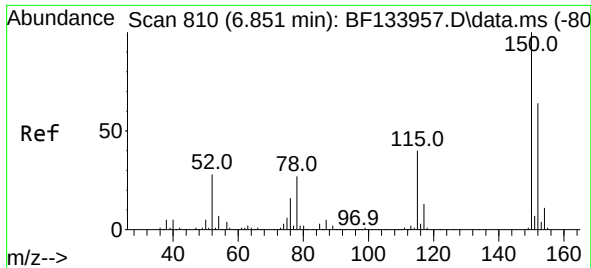
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

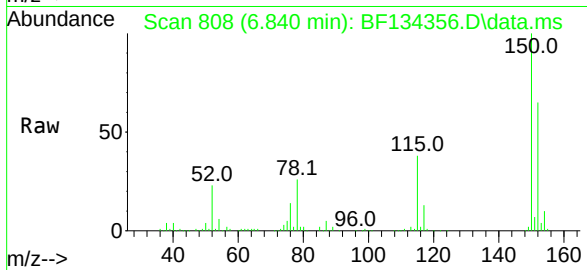
Quant Time: Jul 19 13:57:31 2023
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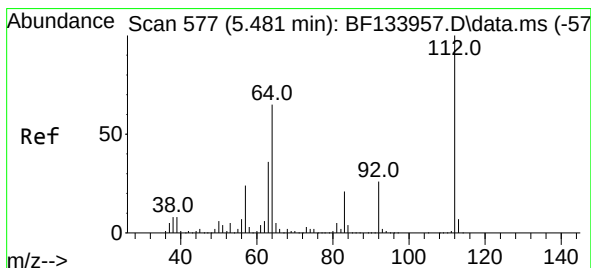
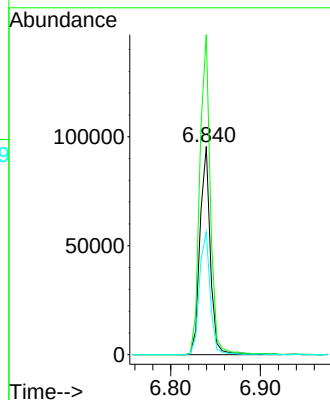
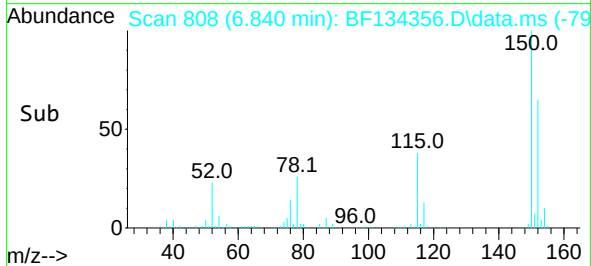


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 810
 Delta R.T. -0.005 min
 Lab File: BF134356.D
 Acq: 19 Jul 2023 13:34

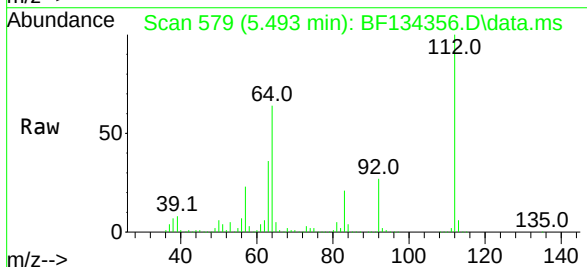
Instrument :
 BNA_F
 ClientSampleId :



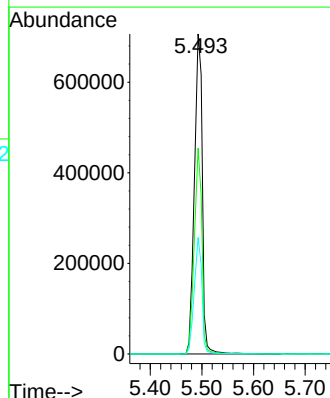
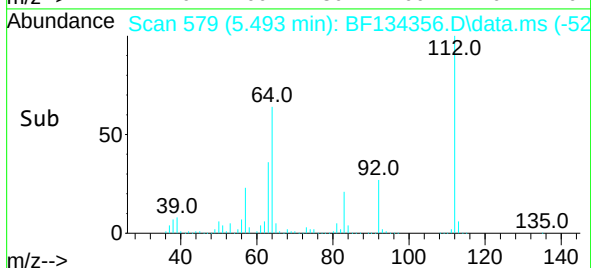
Tgt Ion:152 Resp: 76908
 Ion Ratio Lower Upper
 152 100
 150 153.7 124.5 186.7
 115 59.0 50.2 75.2

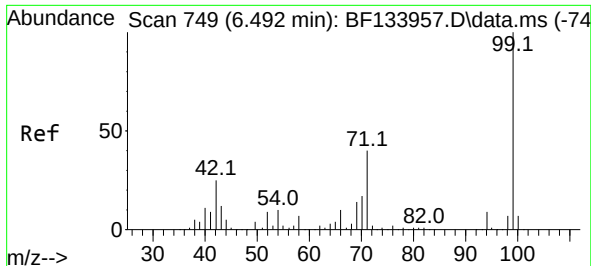


#5
 2-Fluorophenol
 Concen: 163.113 ng
 RT: 5.493 min Scan# 579
 Delta R.T. 0.024 min
 Lab File: BF134356.D
 Acq: 19 Jul 2023 13:34



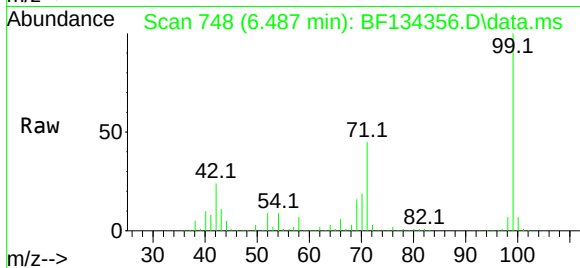
Tgt Ion:112 Resp: 749938
 Ion Ratio Lower Upper
 112 100
 64 64.3 52.1 78.1
 63 36.4 28.6 42.8



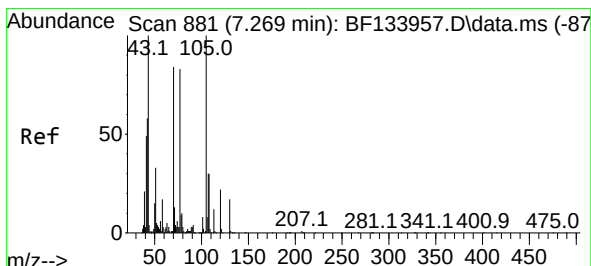
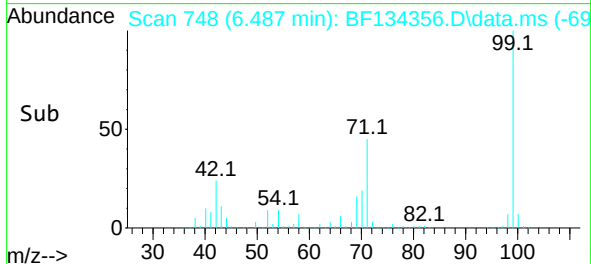
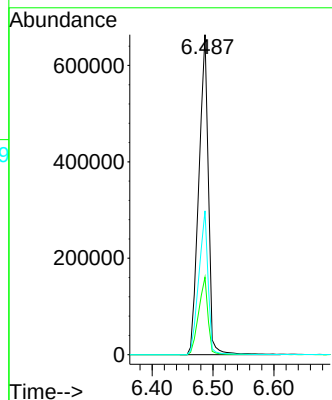


#7
Phenol-d6
Concen: 128.105 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134356.D
Acq: 19 Jul 2023 13:34

Instrument :
BNA_F
ClientSampleId :

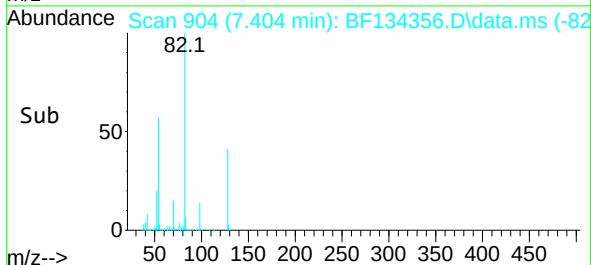
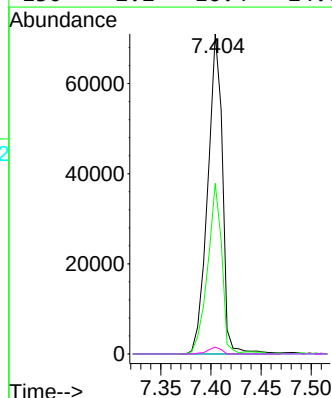
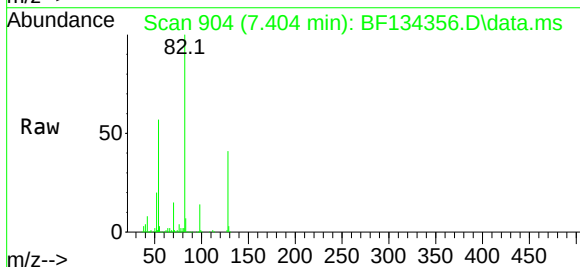


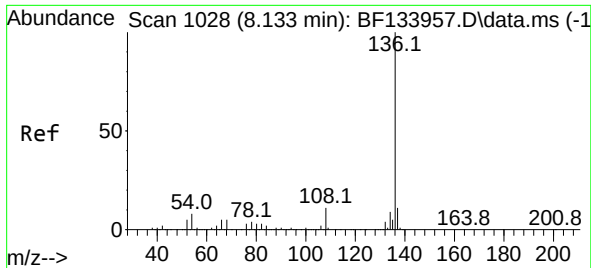
Tgt Ion: 99 Resp: 724333
Ion Ratio Lower Upper
99 100
42 24.2 19.8 29.6
71 44.9 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 20.318 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.147 min
Lab File: BF134356.D
Acq: 19 Jul 2023 13:34

Tgt Ion: 70 Resp: 72853
Ion Ratio Lower Upper
70 100
42 53.3 54.7 82.1#
101 0.0 7.7 11.5#
130 2.2 16.4 24.6#

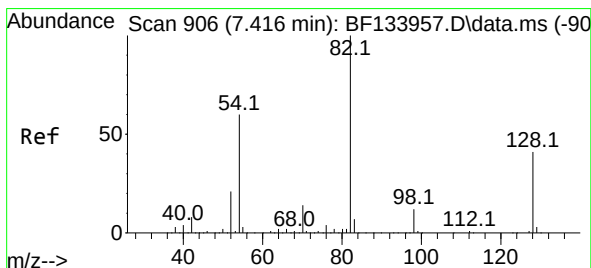
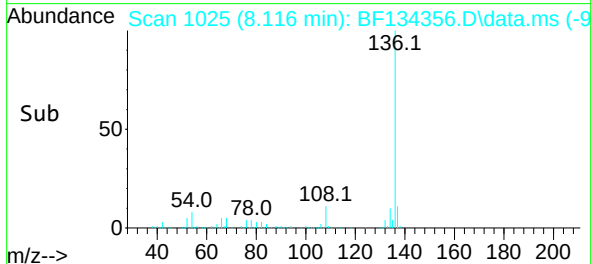
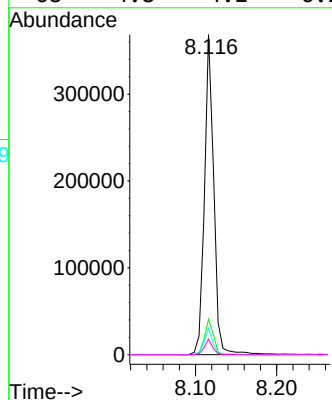
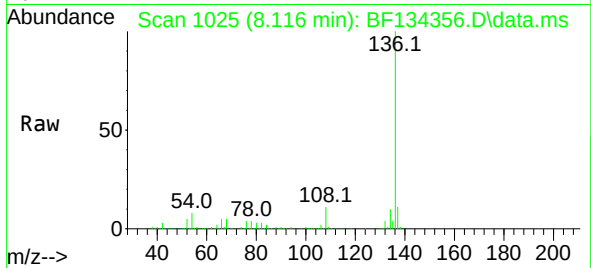




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF134356.D
Acq: 19 Jul 2023 13:34

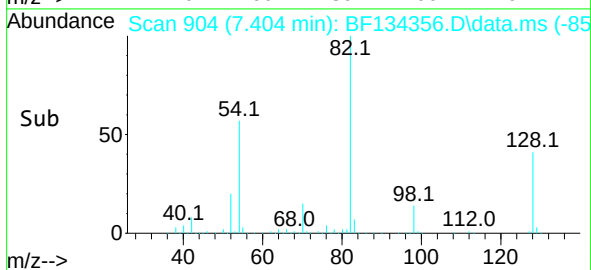
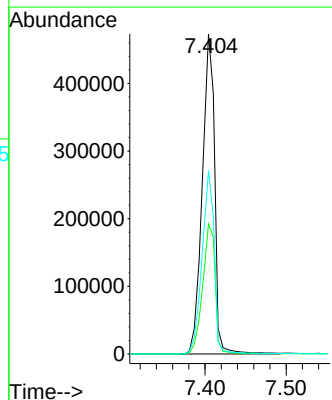
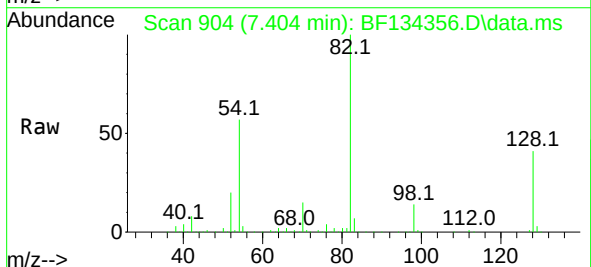
Instrument :
BNA_F
ClientSampleId :

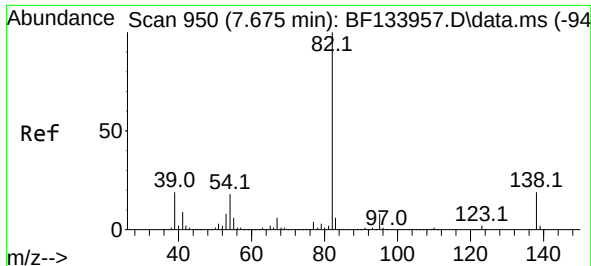
Tgt Ion:136 Resp: 293261
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.3 6.5 9.7
68 4.8 4.2 6.2



#23
Nitrobenzene-d5
Concen: 92.103 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF134356.D
Acq: 19 Jul 2023 13:34

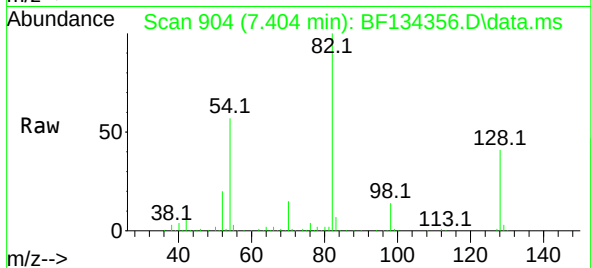
Tgt Ion: 82 Resp: 501068
Ion Ratio Lower Upper
82 100
128 40.6 32.5 48.7
54 57.3 48.2 72.2



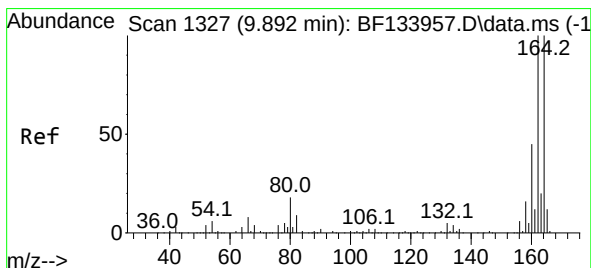
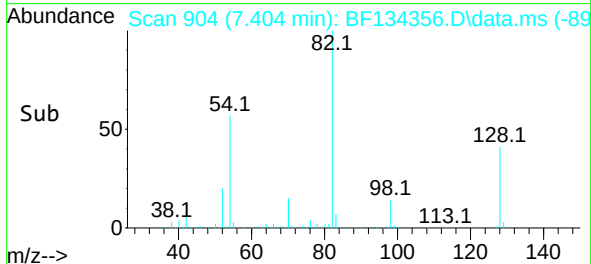
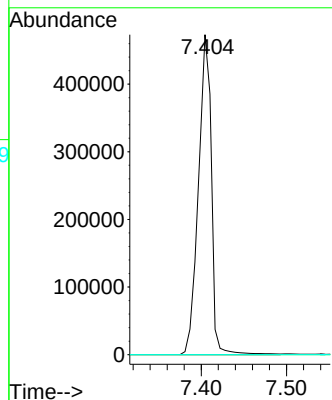


#25
Isophorone
Concen: 50.677 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134356.D
Acq: 19 Jul 2023 13:34

Instrument :
BNA_F
ClientSampleId :

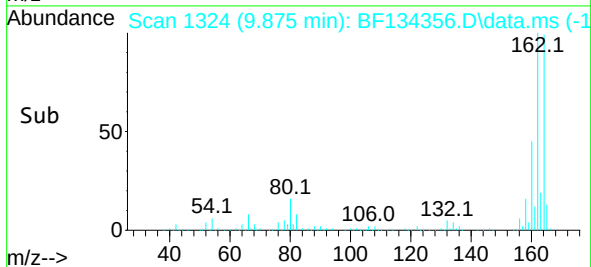
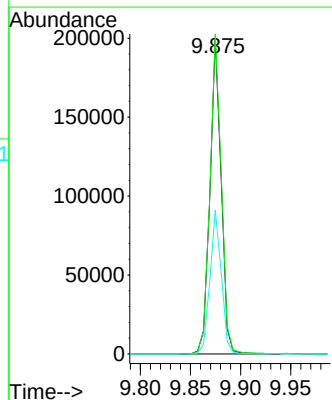
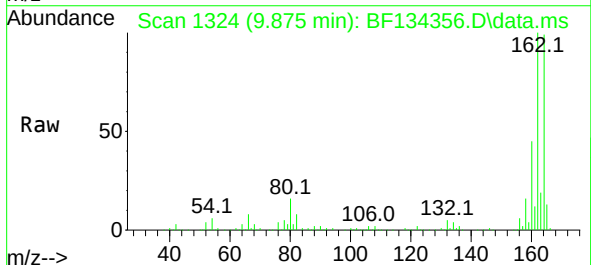


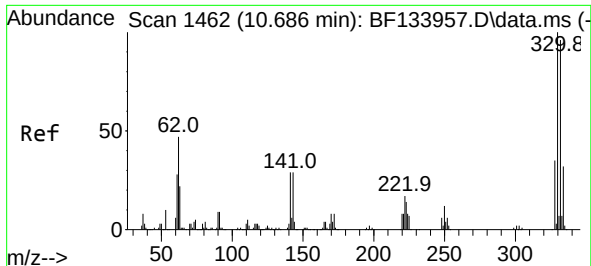
Tgt Ion: 82 Resp: 501061
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134356.D
Acq: 19 Jul 2023 13:34

Tgt Ion:164 Resp: 157065
Ion Ratio Lower Upper
164 100
162 101.2 80.0 120.0
160 45.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 149.310 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

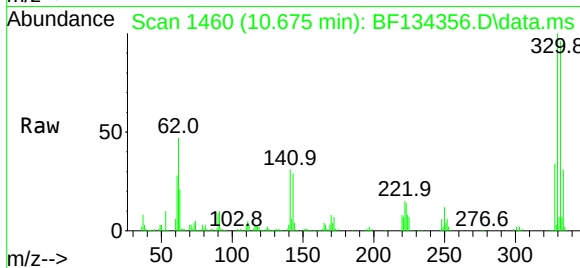
Lab File: BF134356.D

Acq: 19 Jul 2023 13:34

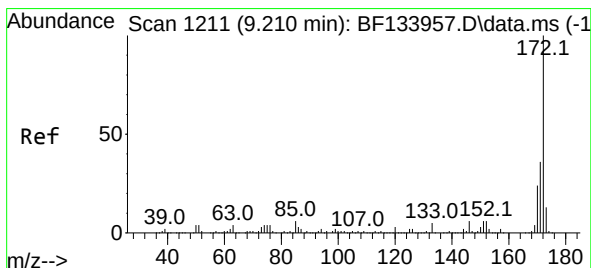
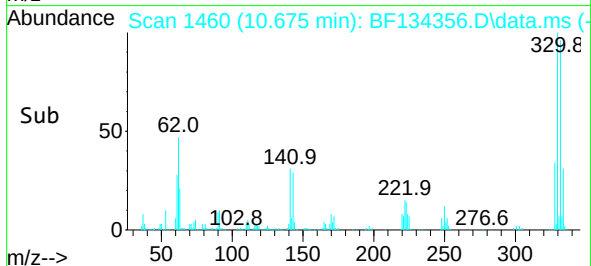
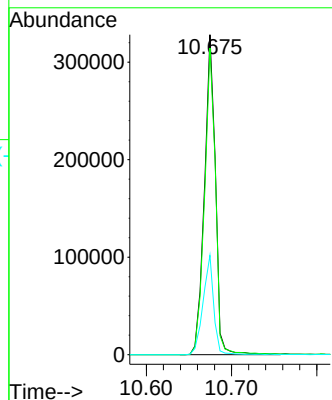
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	330	Resp:	294034
Ion Ratio	Lower	Upper	
330	100		
332	96.1	77.0	115.6
141	30.1	26.3	39.5



#45

2-Fluorobiphenyl

Concen: 89.632 ng

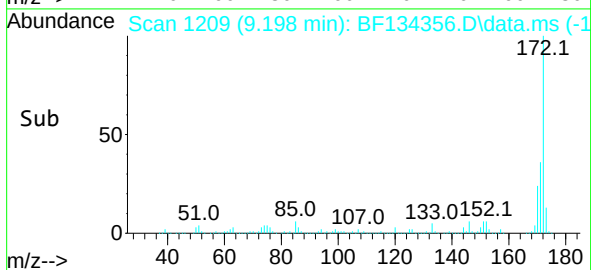
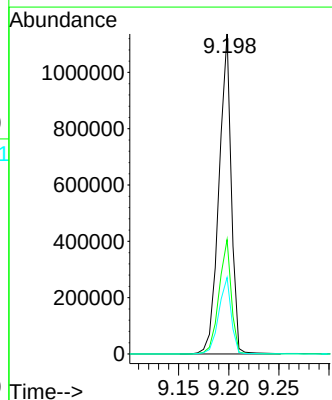
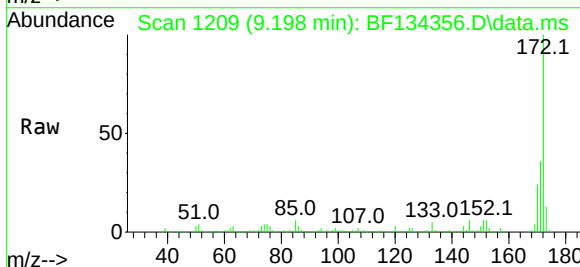
RT: 9.198 min Scan# 1209

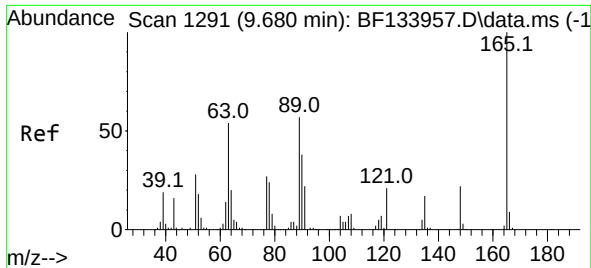
Delta R.T. -0.006 min

Lab File: BF134356.D

Acq: 19 Jul 2023 13:34

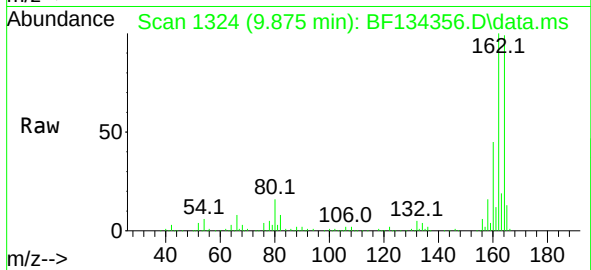
Tgt Ion:	172	Resp:	968305
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.6	43.0
170	23.9	19.4	29.0



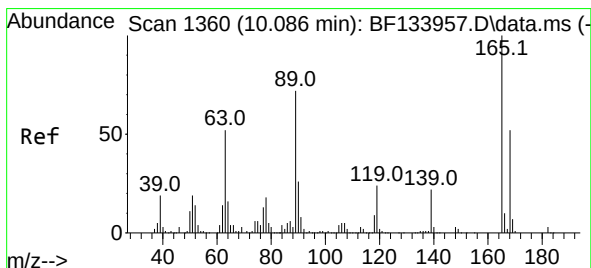
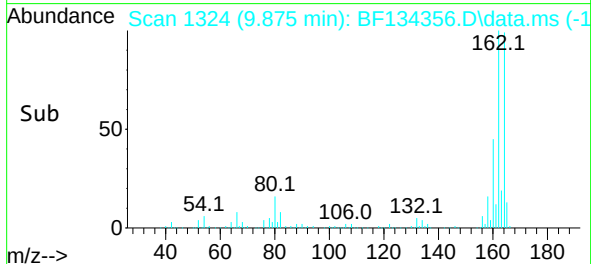
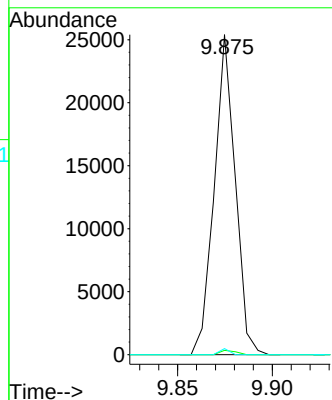


#51
2,6-Dinitrotoluene
Concen: 7.965 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134356.D
Acq: 19 Jul 2023 13:34

Instrument :
BNA_F
ClientSampleId :

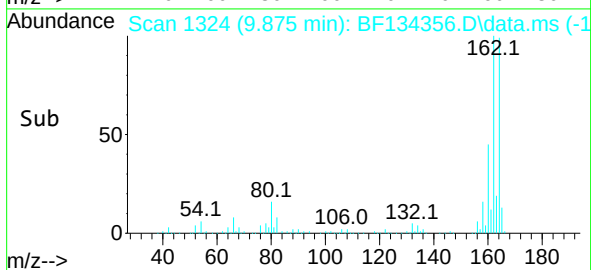
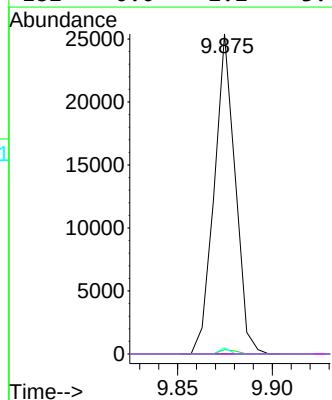
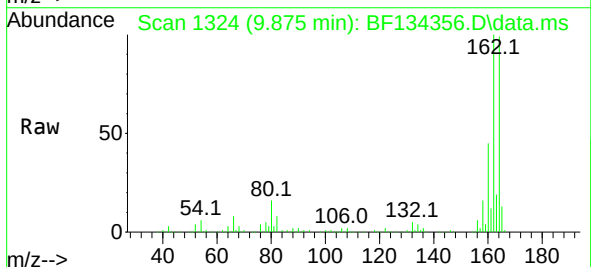


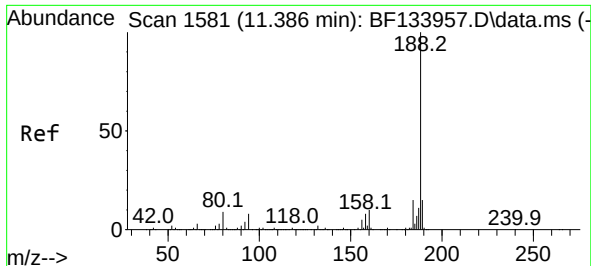
Tgt Ion:165 Resp: 19560
Ion Ratio Lower Upper
165 100
63 1.4 48.5 72.7#
89 1.9 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.031 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF134356.D
Acq: 19 Jul 2023 13:34

Tgt Ion:165 Resp: 19560
Ion Ratio Lower Upper
165 100
63 1.4 42.2 63.2#
89 1.9 57.4 86.2#
182 0.0 2.2 3.4#

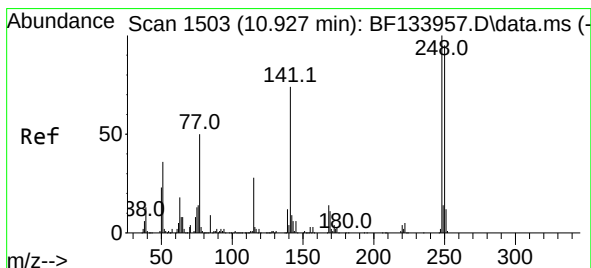
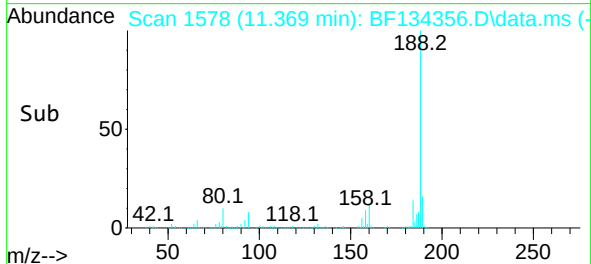
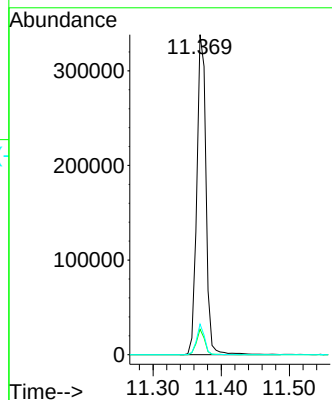
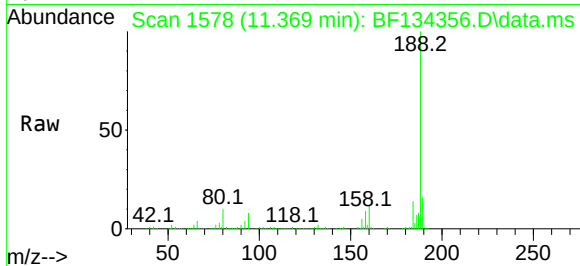




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134356.D
Acq: 19 Jul 2023 13:34

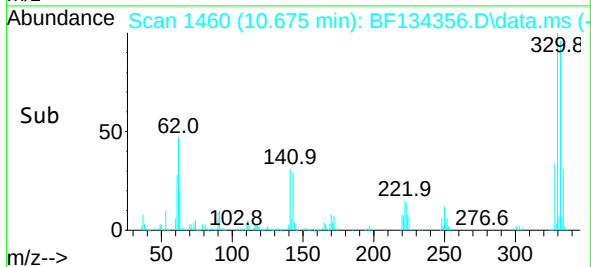
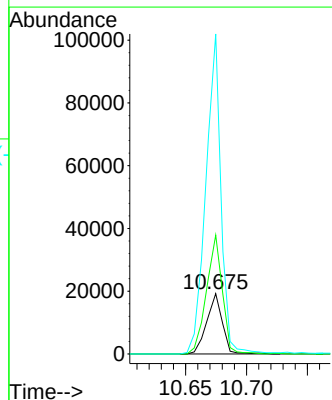
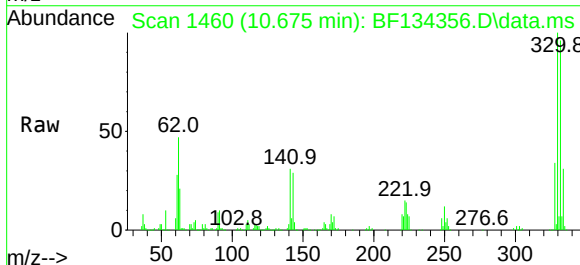
Instrument :
BNA_F
ClientSampleId :

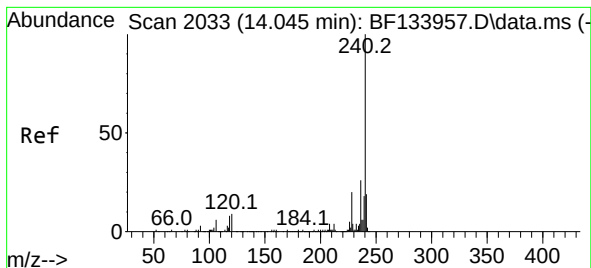
Tgt Ion:188 Resp: 314062
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 9.5 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 5.123 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.241 min
Lab File: BF134356.D
Acq: 19 Jul 2023 13:34

Tgt Ion:248 Resp: 17101
Ion Ratio Lower Upper
248 100
250 196.9 76.2 114.4#
141 529.8 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF134356.D

Acq: 19 Jul 2023 13:34

Instrument :

BNA_F

ClientSampleId :

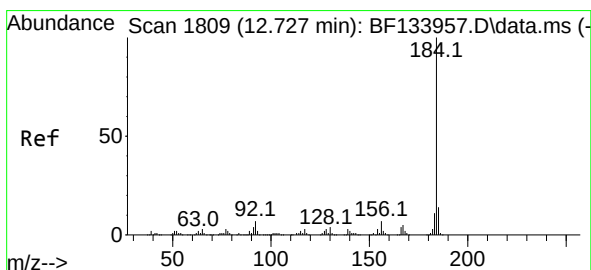
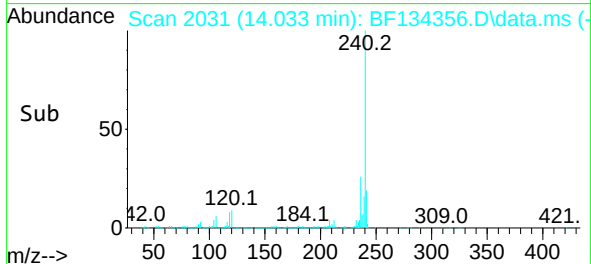
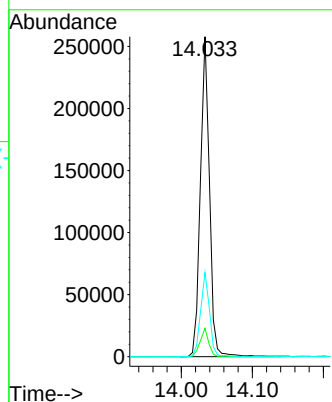
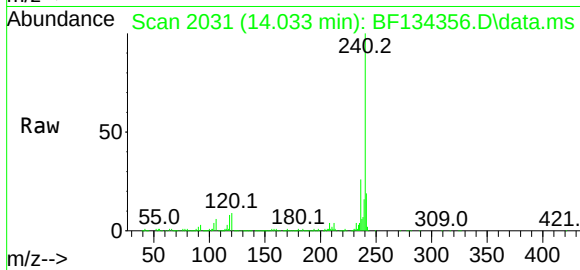
Tgt Ion:240 Resp: 230557

Ion Ratio Lower Upper

240 100

120 8.8 7.4 11.0

236 26.3 21.0 31.6



#77

Benzidine

Concen: 3.091 ng

RT: 12.969 min Scan# 1850

Delta R.T. 0.241 min

Lab File: BF134356.D

Acq: 19 Jul 2023 13:34

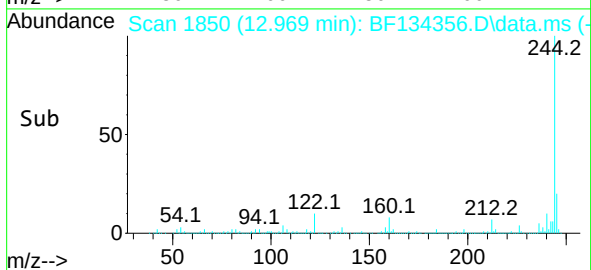
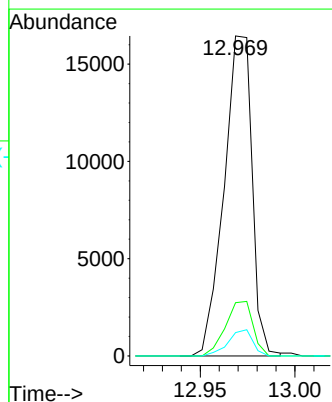
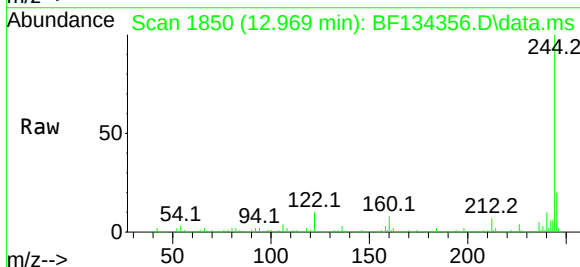
Tgt Ion:184 Resp: 16955

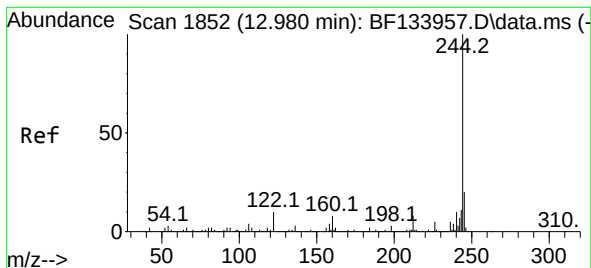
Ion Ratio Lower Upper

184 100

185 16.6 11.6 17.4

183 7.3 8.8 13.2#





#79

Terphenyl-d14

Concen: 84.063 ng

RT: 12.975 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134356.D

Acq: 19 Jul 2023 13:34

Instrument :

BNA_F

ClientSampleId :

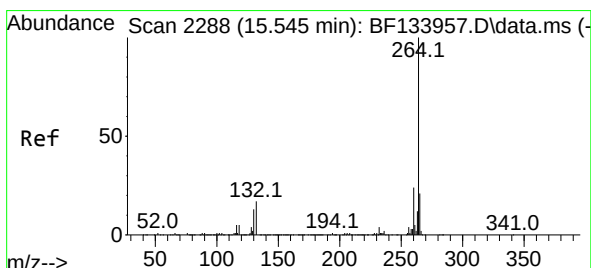
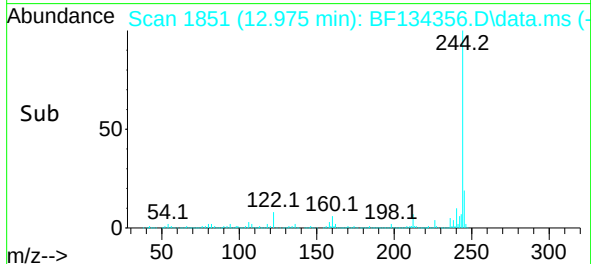
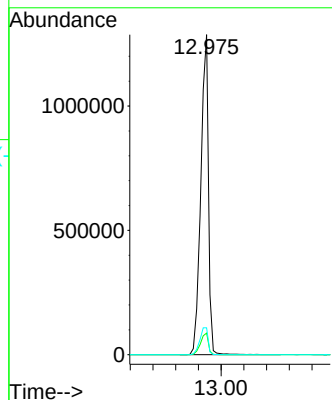
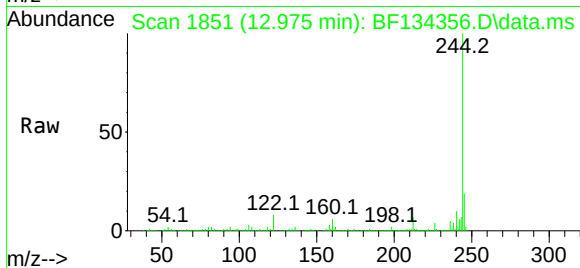
Tgt Ion:244 Resp: 1204242

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 8.4 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: BF134356.D

Acq: 19 Jul 2023 13:34

Tgt Ion:264 Resp: 204908

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 20.7 16.6 25.0

