

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134105.D
 Acq On : 06 Jul 2023 19:28
 Operator : CG\JU
 Sample : 03486-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 01:32:03 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)

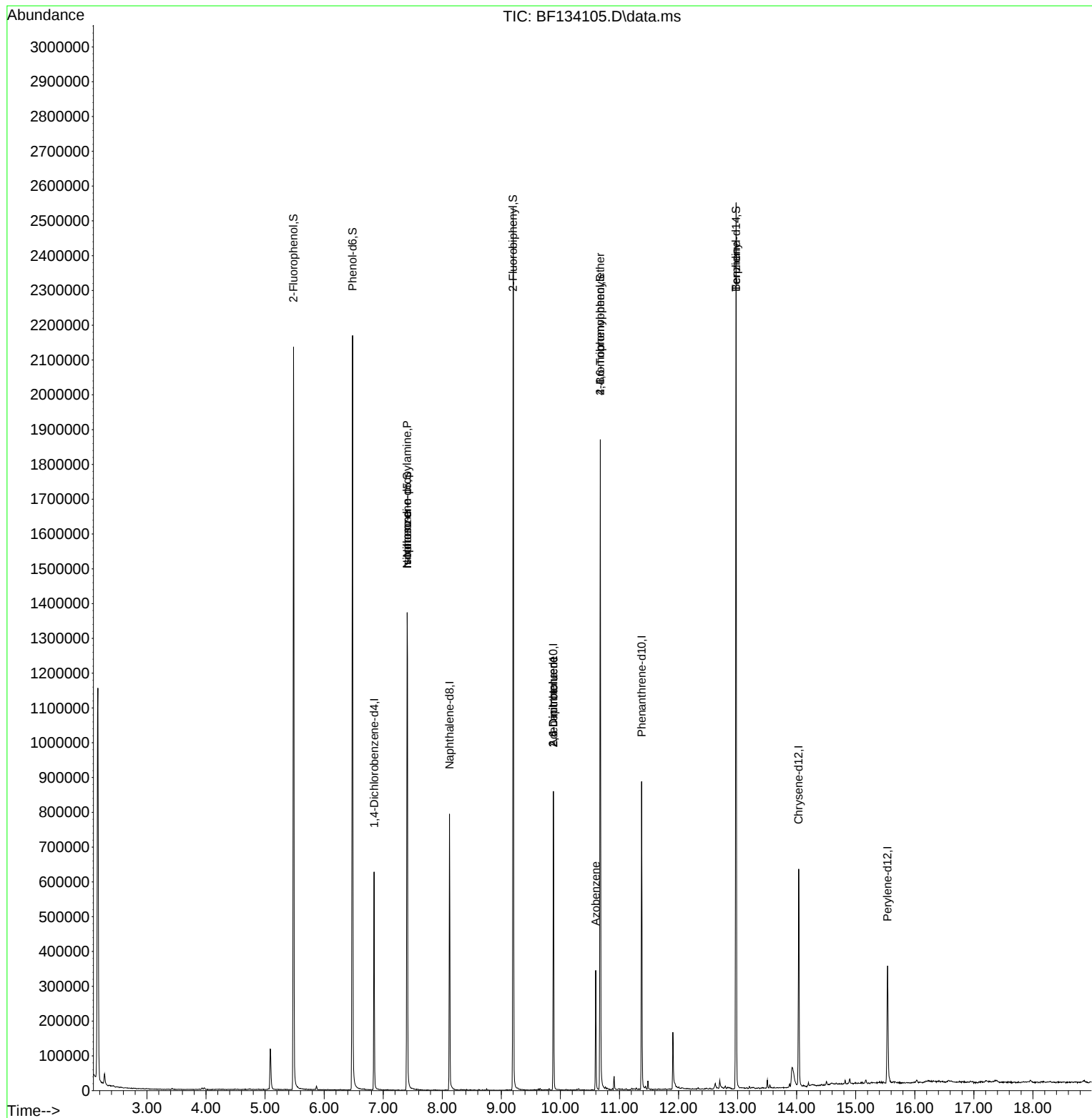
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	85678	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	323731	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	160772	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	310885	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	208116	20.000	ng	-0.02
86) Perylene-d12	15.539	264	169668	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	554081	108.178	ng	0.00
7) Phenol-d6	6.481	99	657954	104.454	ng	-0.01
23) Nitrobenzene-d5	7.404	82	435680	72.546	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	212585	105.461	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	794780	71.874	ng	-0.01
79) Terphenyl-d14	12.975	244	825377	63.829	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1196	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.404	70	62601	15.671	ng	# 78
25) Isophorone	7.404	82	435675	39.917	ng	# 64
51) 2,6-Dinitrotoluene	9.881	165	20941	8.331	ng	# 23
57) 2,4-Dinitrotoluene	9.881	165	20941	6.308	ng	# 22
63) Azobenzene	10.598	77	55958	4.865	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	13157	3.982	ng	# 1
77) Benzidine	12.975	184	12001	2.423	ng	# 95

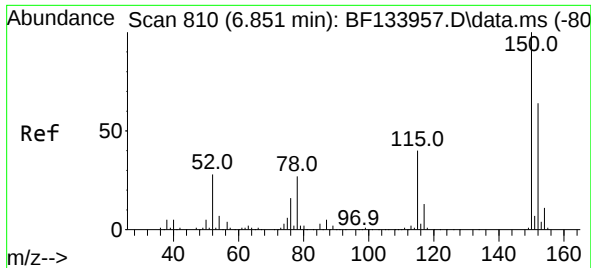
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
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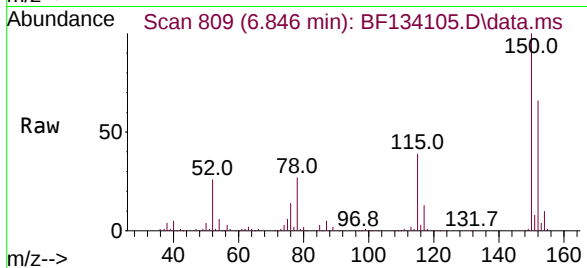
Quant Time: Jul 07 01:32:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
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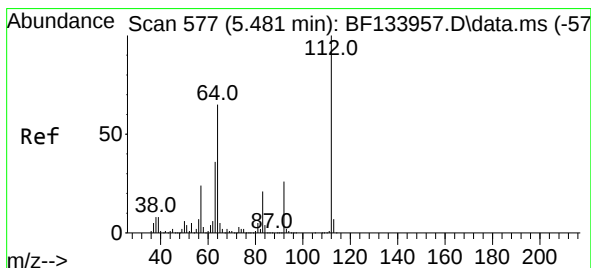
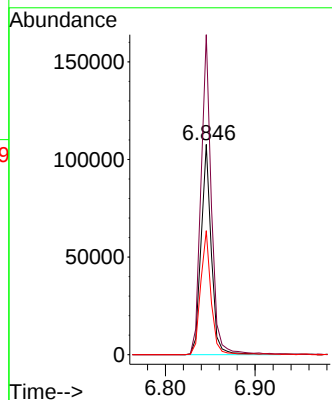
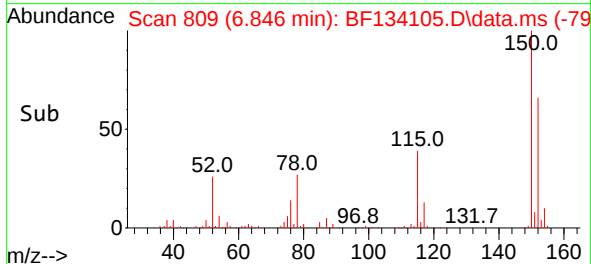


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 810
Delta R.T. -0.005 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

Instrument :
BNA_F
ClientSampleId :

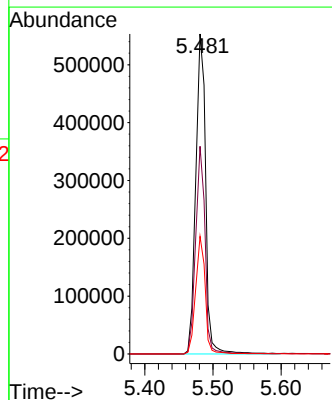
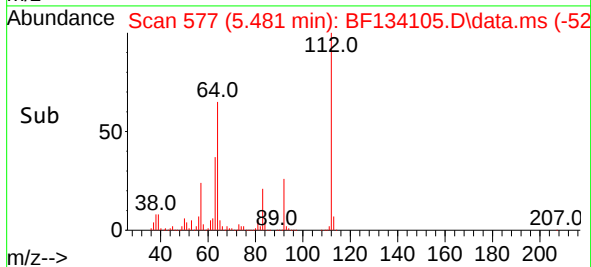
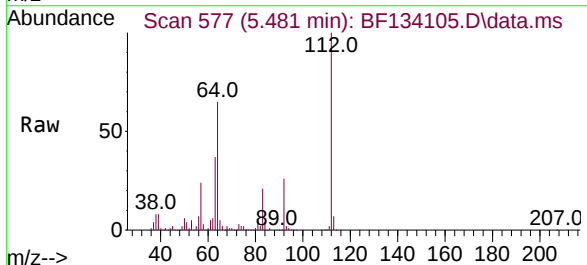


Tgt Ion:152 Resp: 85678
Ion Ratio Lower Upper
152 100
150 152.2 124.5 186.7
115 59.0 50.2 75.2



#5
2-Fluorophenol
Concen: 108.178 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

Tgt Ion:112 Resp: 554081
Ion Ratio Lower Upper
112 100
64 64.9 52.1 78.1
63 36.8 28.6 42.8

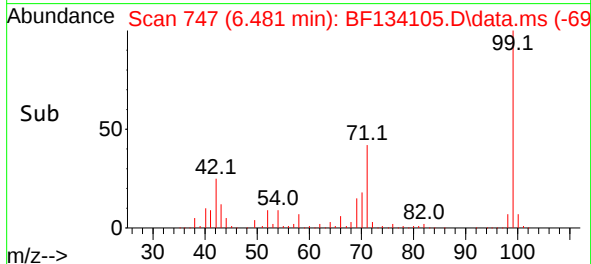
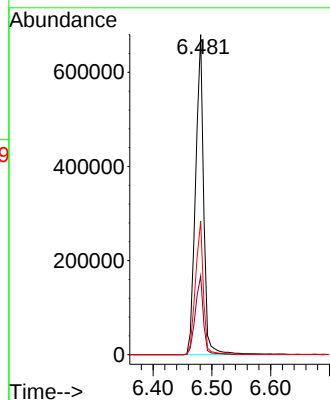
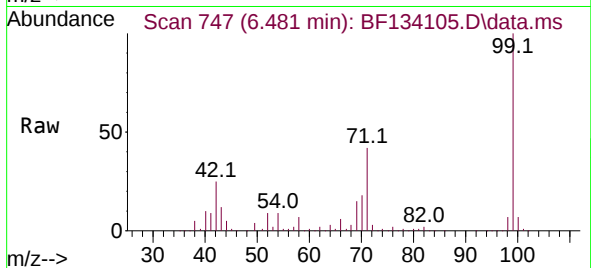




#7
Phenol-d6
Concen: 104.454 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

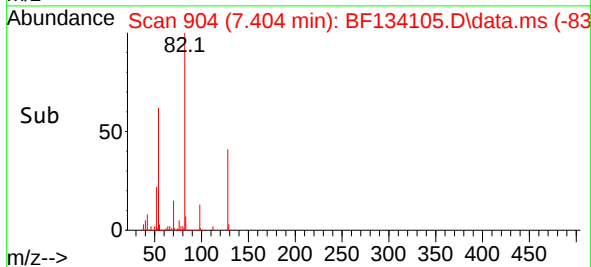
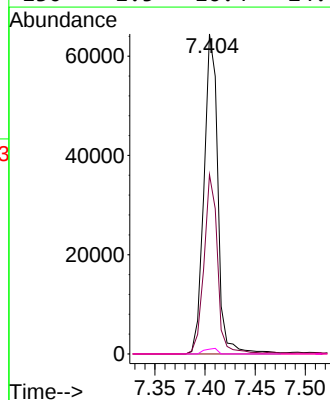
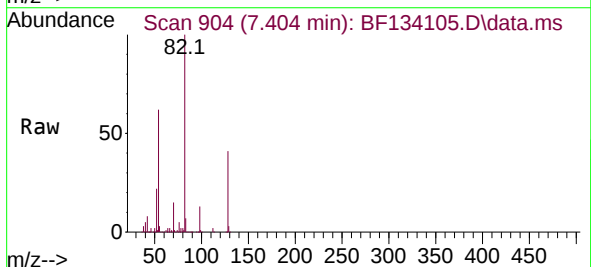
Instrument :
BNA_F
ClientSampleId :

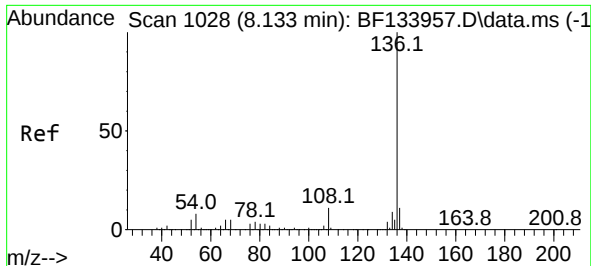
Tgt Ion: 99 Resp: 657954
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.6
71 41.7 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 15.671 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

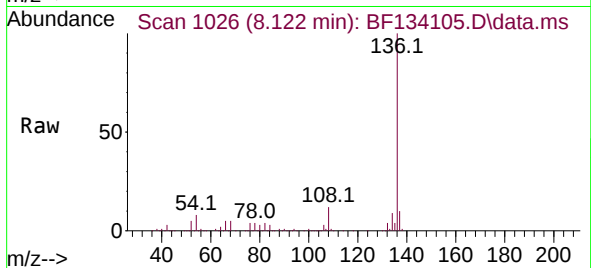
Tgt Ion: 70 Resp: 62601
Ion Ratio Lower Upper
70 100
42 56.0 54.7 82.1
101 0.0 7.7 11.5#
130 1.5 16.4 24.6#





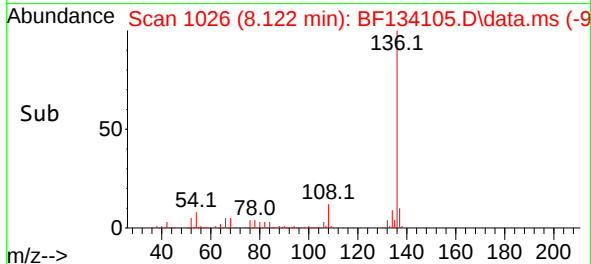
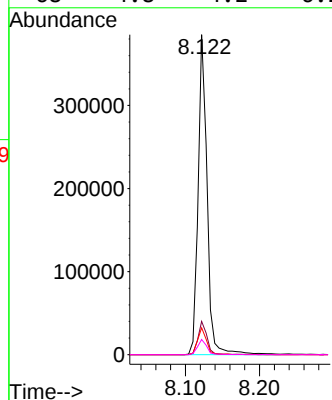
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 323731

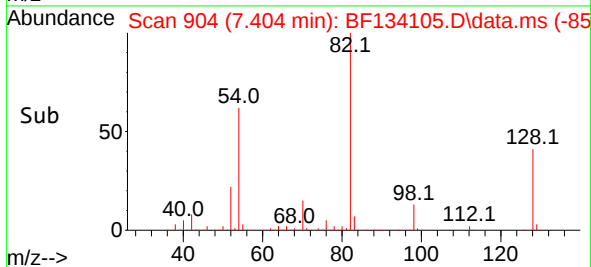
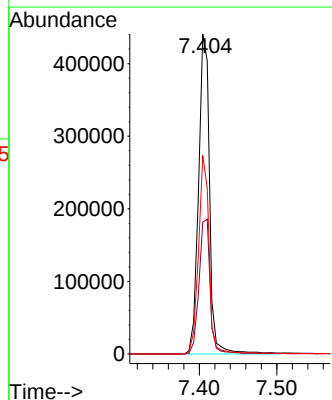
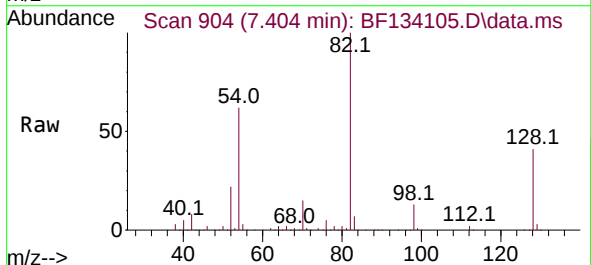
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	8.4	6.5	9.7
68	4.8	4.2	6.2



#23
Nitrobenzene-d5
Concen: 72.546 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

Tgt Ion: 82 Resp: 435680

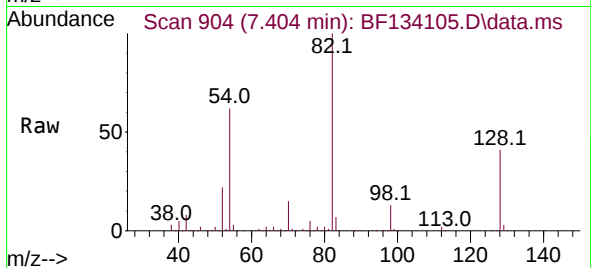
Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.5	48.7
54	62.1	48.2	72.2



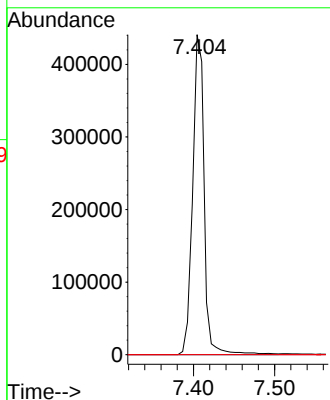
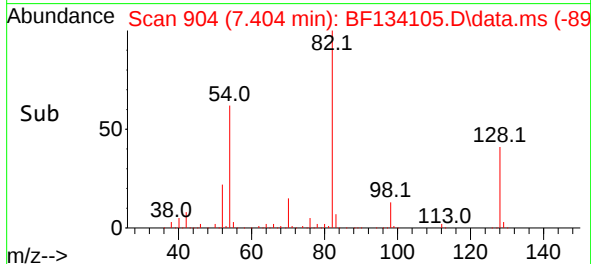


#25
Isophorone
Concen: 39.917 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

Instrument :
BNA_F
ClientSampleId :

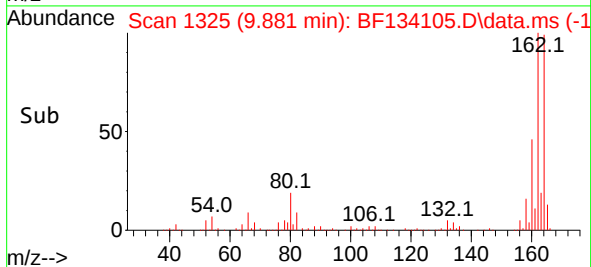
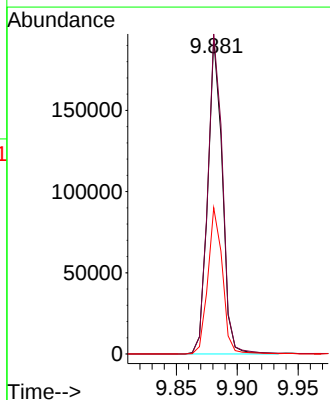
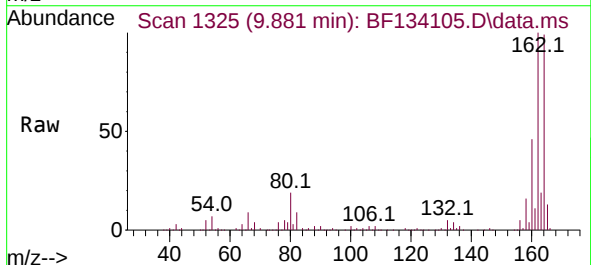


Tgt Ion: 82 Resp: 435675
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

Tgt Ion:164 Resp: 160772
Ion Ratio Lower Upper
164 100
162 101.4 80.0 120.0
160 46.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 105.461 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.012 min

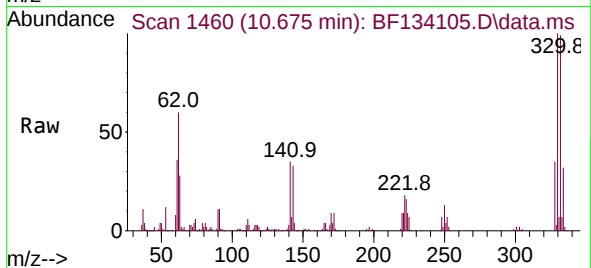
Lab File: BF134105.D

Acq: 06 Jul 2023 19:28

Instrument :

BNA_F

ClientSampleId :



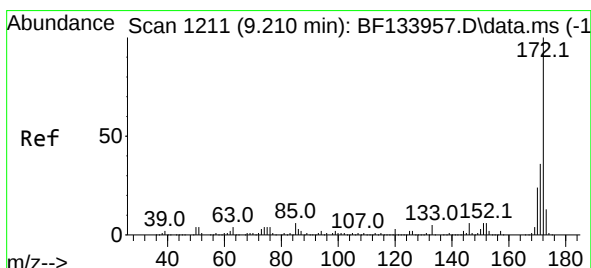
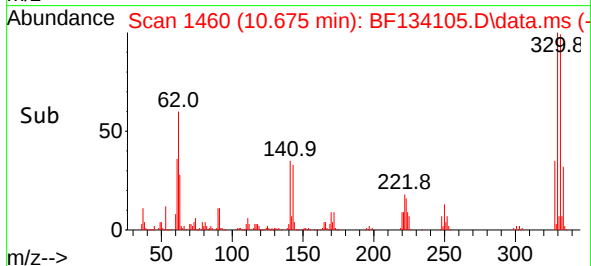
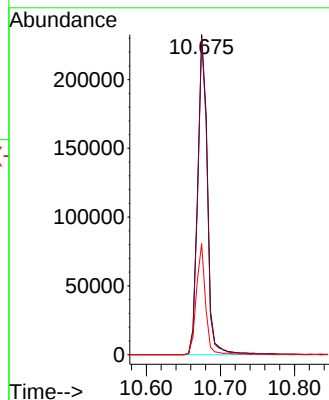
Tgt Ion:330 Resp: 212585

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

141 32.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 71.874 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.012 min

Lab File: BF134105.D

Acq: 06 Jul 2023 19:28

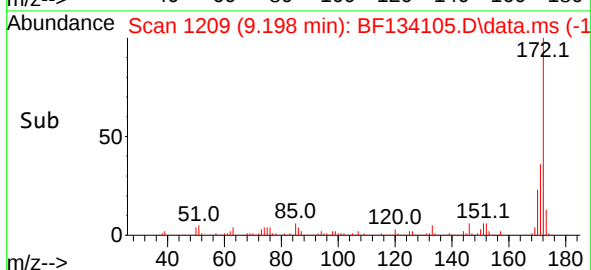
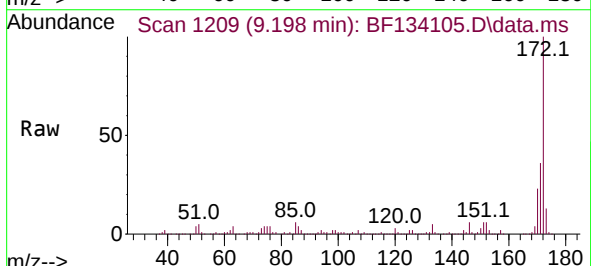
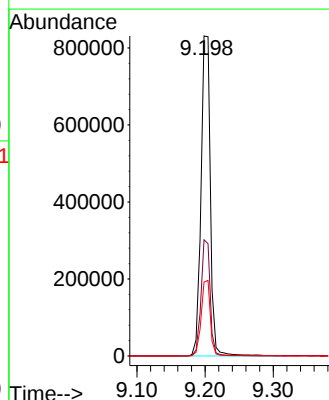
Tgt Ion:172 Resp: 794780

Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 23.1 19.4 29.0

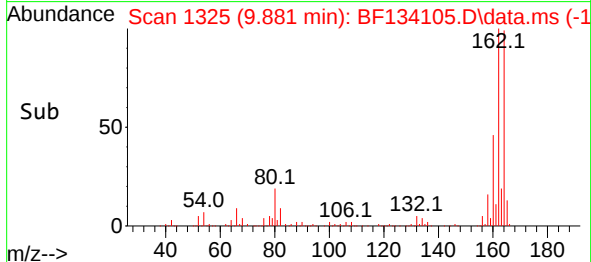
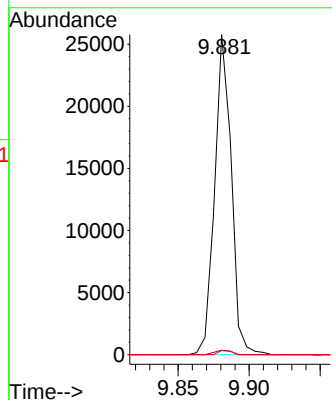
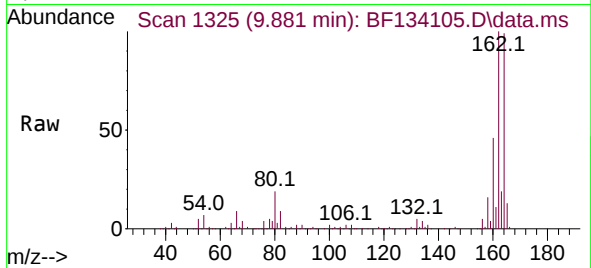




#51
2,6-Dinitrotoluene
Concen: 8.331 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

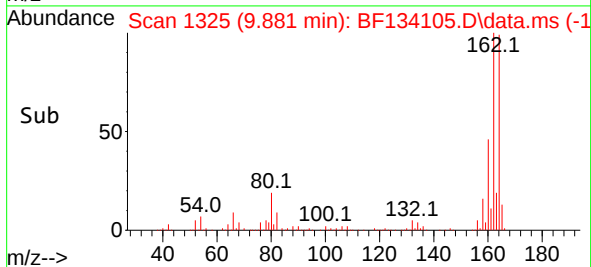
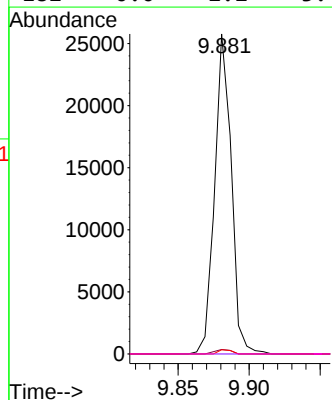
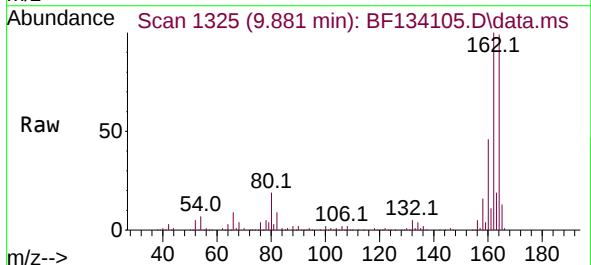
Instrument :
BNA_F
ClientSampleId :

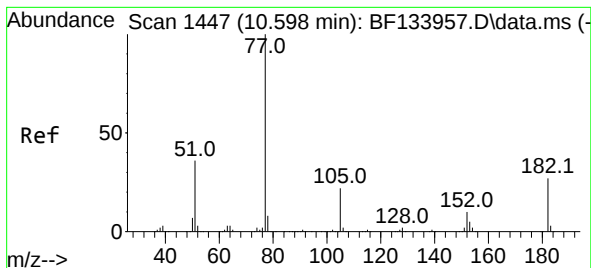
Tgt Ion:165 Resp: 20941
Ion Ratio Lower Upper
165 100
63 1.4 48.5 72.7#
89 1.3 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.308 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

Tgt Ion:165 Resp: 20941
Ion Ratio Lower Upper
165 100
63 1.4 42.2 63.2#
89 1.3 57.4 86.2#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 4.865 ng

RT: 10.598 min Scan# 1447

Delta R.T. 0.000 min

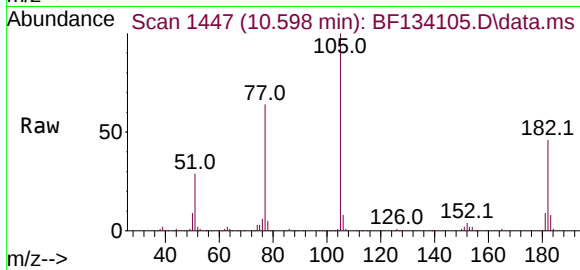
Lab File: BF134105.D

Acq: 06 Jul 2023 19:28

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 55958

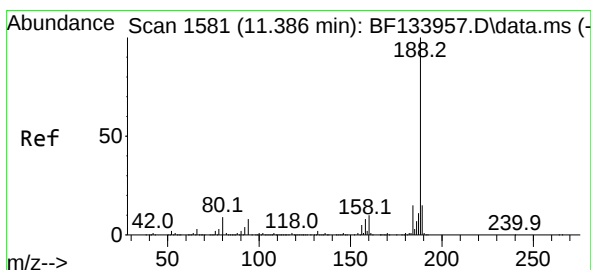
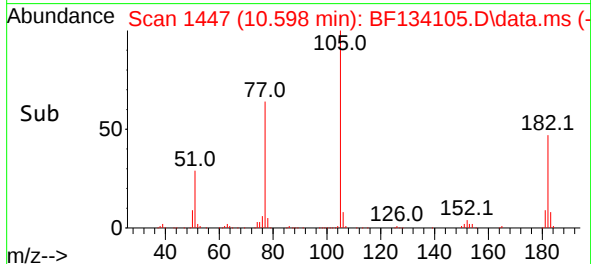
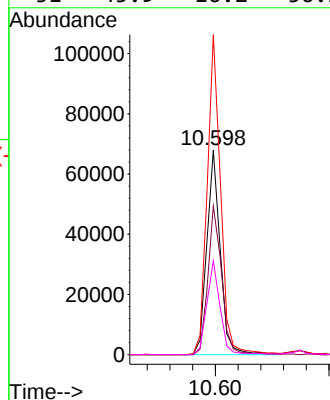
Ion Ratio Lower Upper

77 100

182 72.6 6.8 46.8#

105 156.3 2.3 42.3#

51 45.9 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1579

Delta R.T. -0.012 min

Lab File: BF134105.D

Acq: 06 Jul 2023 19:28

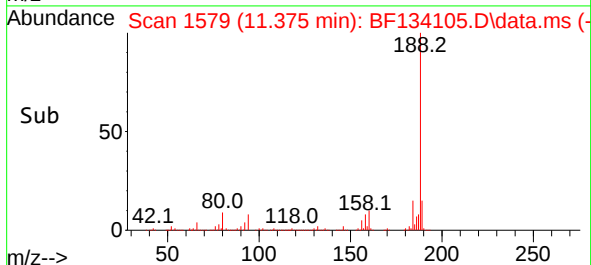
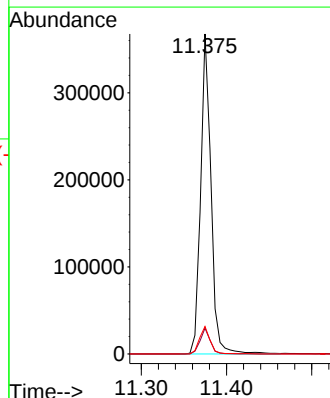
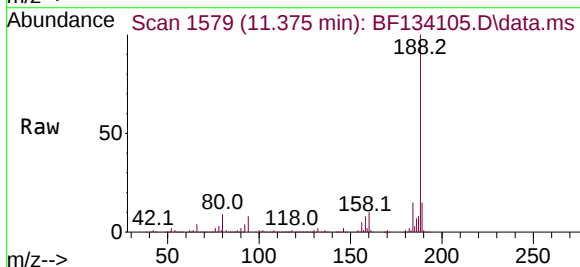
Tgt Ion:188 Resp: 310885

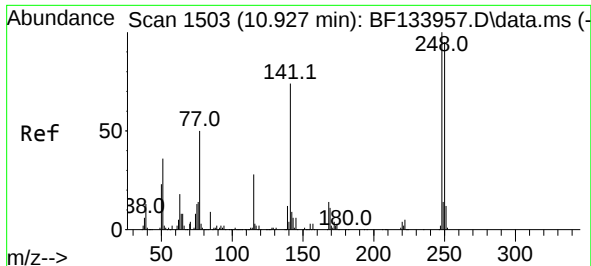
Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

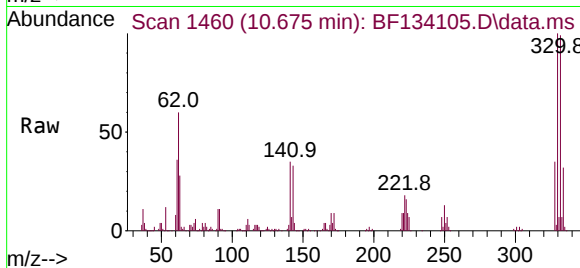
80 8.6 7.3 10.9



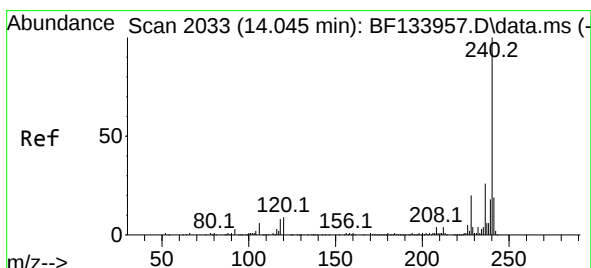
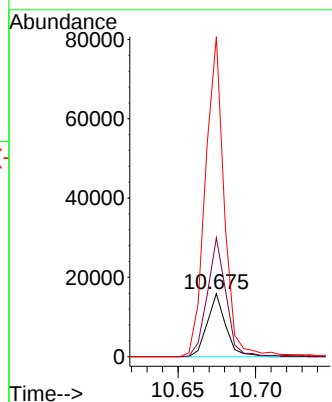
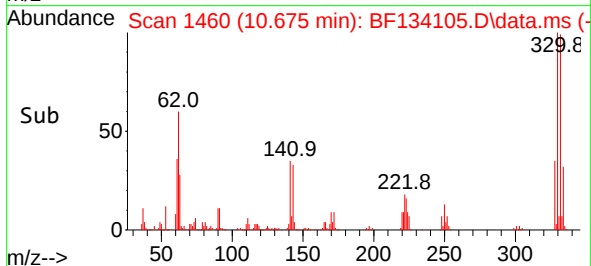


#67
4-Bromophenyl-phenylether
Concen: 3.982 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

Instrument :
BNA_F
ClientSampleId :

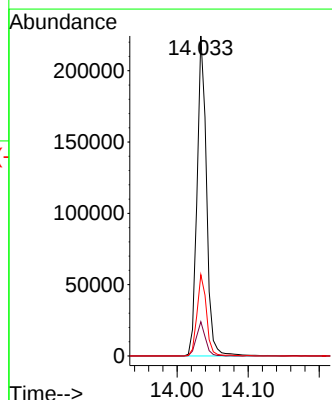
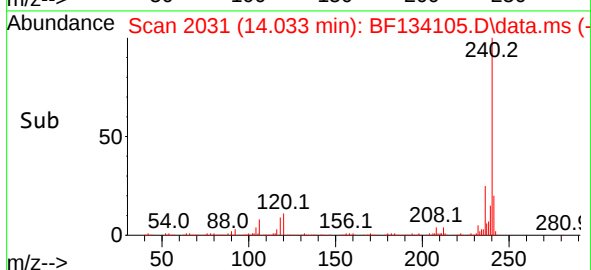
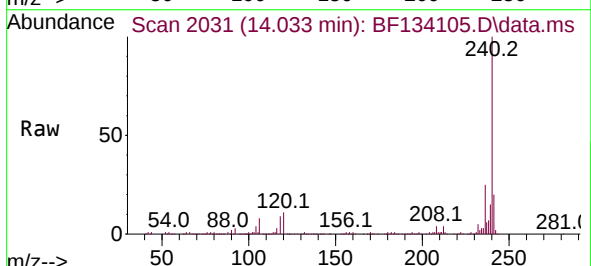


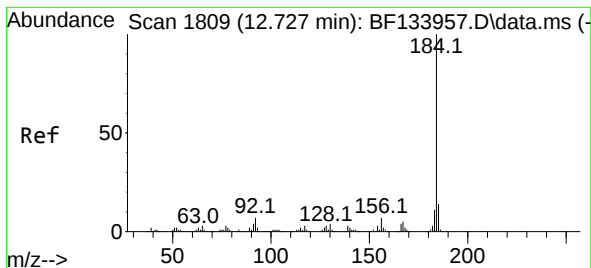
Tgt Ion:248 Resp: 13157
Ion Ratio Lower Upper
248 100
250 188.6 76.2 114.4#
141 507.5 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134105.D
Acq: 06 Jul 2023 19:28

Tgt Ion:240 Resp: 208116
Ion Ratio Lower Upper
240 100
120 10.7 7.4 11.0
236 25.4 21.0 31.6





#77

Benzidine

Concen: 2.423 ng

RT: 12.975 min Scan# 1851

Delta R.T. 0.247 min

Lab File: BF134105.D

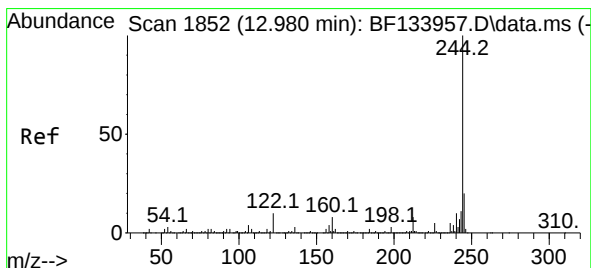
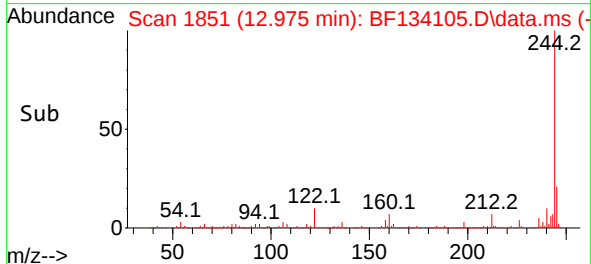
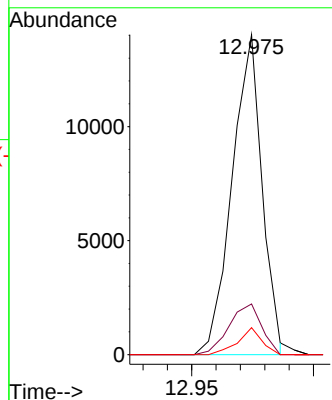
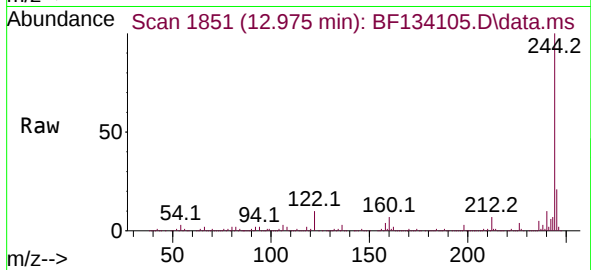
Acq: 06 Jul 2023 19:28

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:184	Resp:	12001
Ion Ratio	Lower	Upper
184	100	
185	15.8	11.6 17.4
183	8.4	8.8 13.2#



#79

Terphenyl-d14

Concen: 63.829 ng

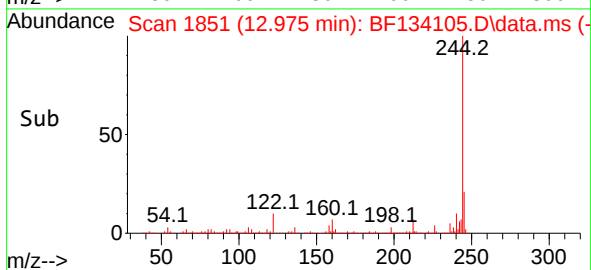
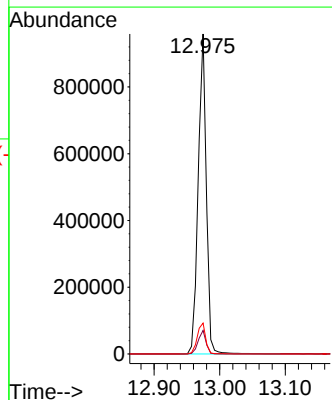
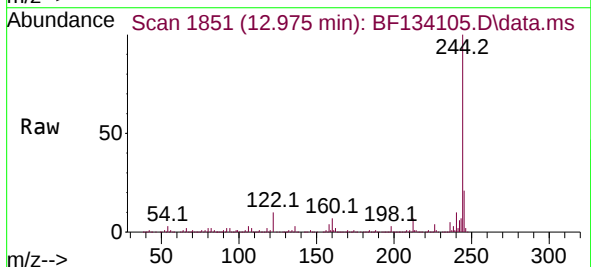
RT: 12.975 min Scan# 1851

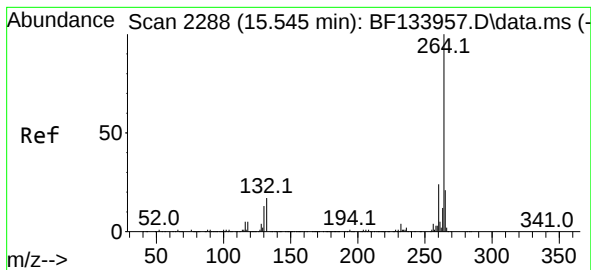
Delta R.T. -0.012 min

Lab File: BF134105.D

Acq: 06 Jul 2023 19:28

Tgt Ion:244	Resp:	825377
Ion Ratio	Lower	Upper
244	100	
212	7.4	6.0 9.0
122	9.6	8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.012 min

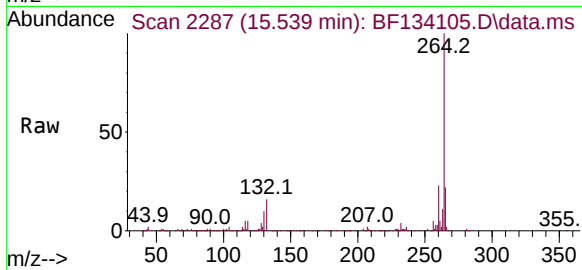
Lab File: BF134105.D

Acq: 06 Jul 2023 19:28

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 169668

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.8 16.6 25.0

