

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
 Data File : BF134082.D
 Acq On : 05 Jul 2023 23:56
 Operator : CG\JU
 Sample : 03473-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 06 00:23:41 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)

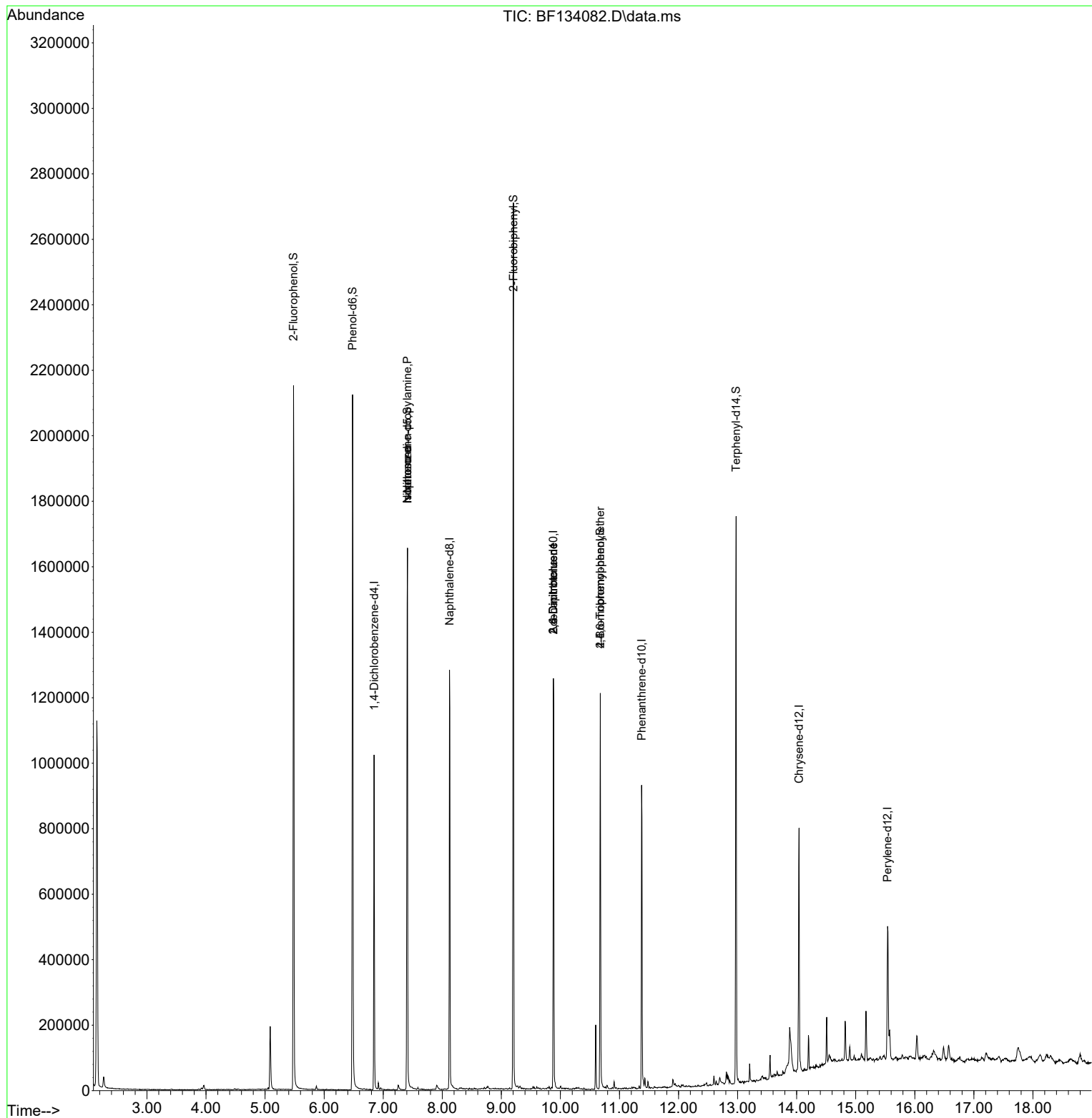
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	137447	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	566322	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	255916	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	354525	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	250546	20.000	ng	-0.01
86) Perylene-d12	15.539	264	211005	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	576421	70.152	ng	0.00
7) Phenol-d6	6.481	99	686858	67.972	ng	-0.01
23) Nitrobenzene-d5	7.410	82	510565	48.598	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	132080	41.163	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	783442	44.508	ng	0.00
79) Terphenyl-d14	12.974	244	584148	37.524	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.416	77	55	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	69797	10.892	ng	# 73
25) Isophorone	7.410	82	510563	26.740	ng	# 64
51) 2,6-Dinitrotoluene	9.881	165	33430	8.355	ng	# 23
57) 2,4-Dinitrotoluene	9.881	165	33430	6.327	ng	# 22
67) 4-Bromophenyl-phenylether	10.675	248	8122	2.155	ng	# 1

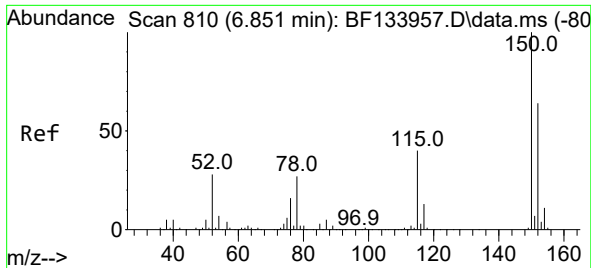
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070523\
Data File : BF134082.D
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Operator : CG\JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

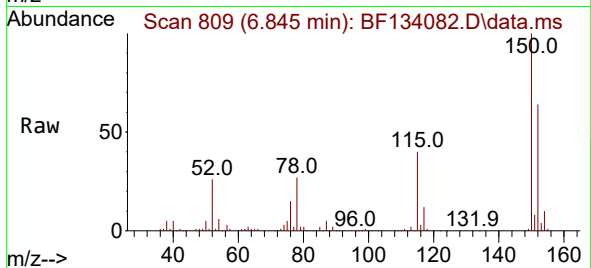
Quant Time: Jul 06 00:23:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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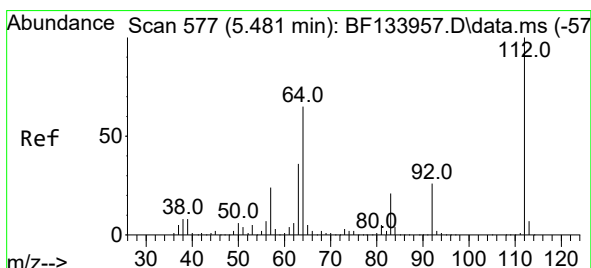
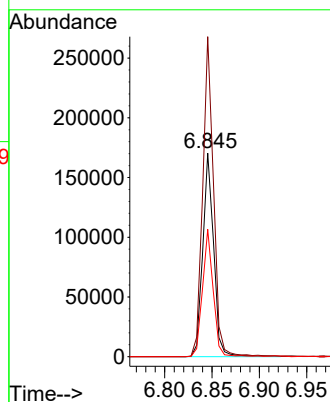
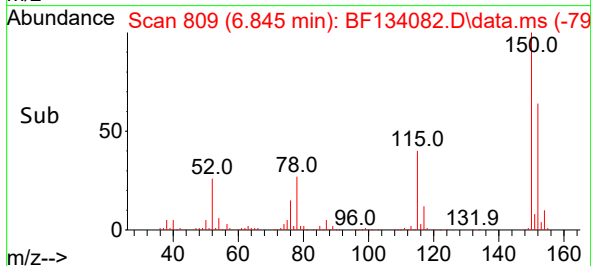


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

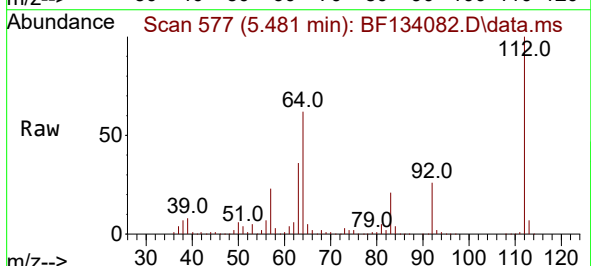
Instrument :
BNA_F
ClientSampleId :



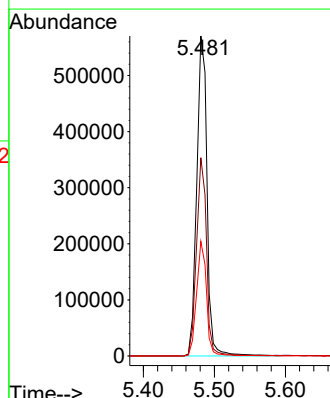
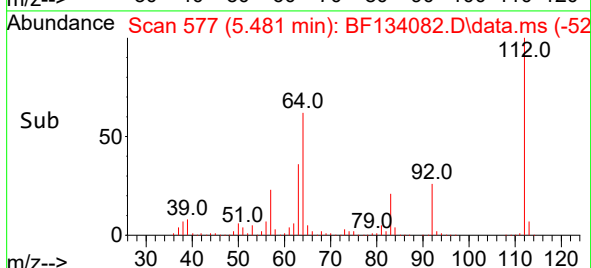
Tgt Ion:152 Resp: 137447
Ion Ratio Lower Upper
152 100
150 157.3 124.5 186.7
115 62.6 50.2 75.2

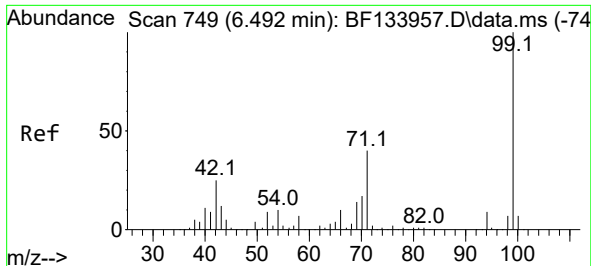


#5
2-Fluorophenol
Concen: 70.152 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56



Tgt Ion:112 Resp: 576421
Ion Ratio Lower Upper
112 100
64 62.0 52.1 78.1
63 35.8 28.6 42.8

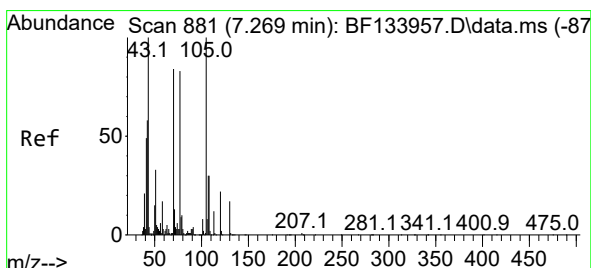
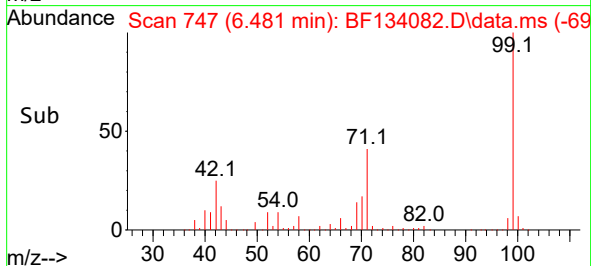
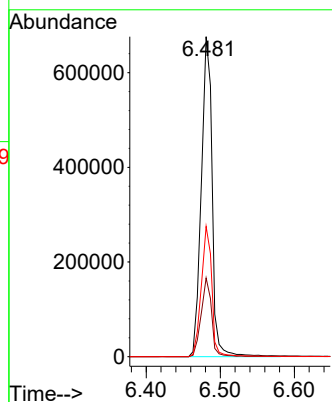
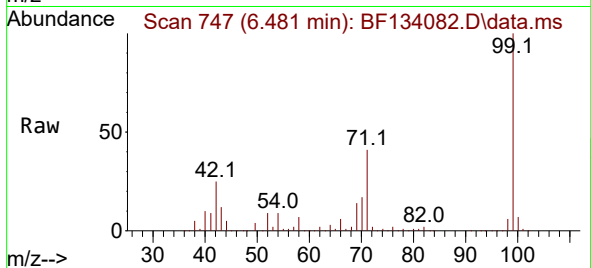




#7
Phenol-d6
Concen: 67.972 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

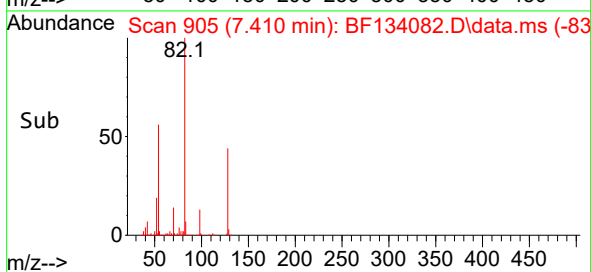
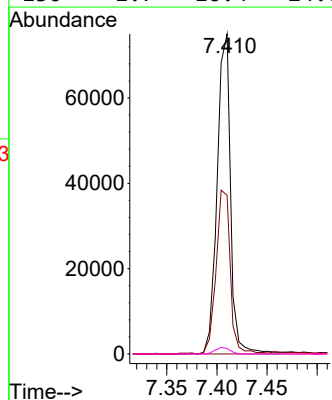
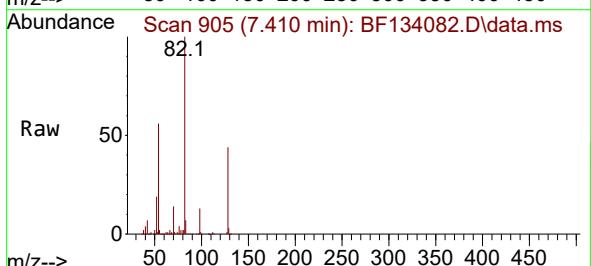
Instrument :
BNA_F
ClientSampleId :

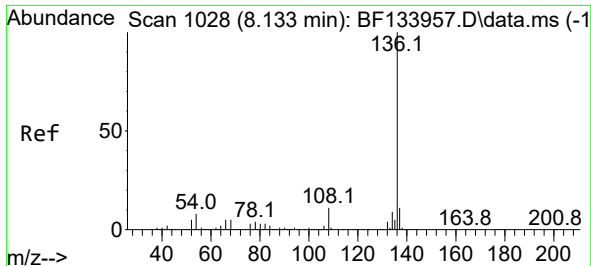
Tgt Ion: 99 Resp: 686858
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.6
71 40.7 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 10.892 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

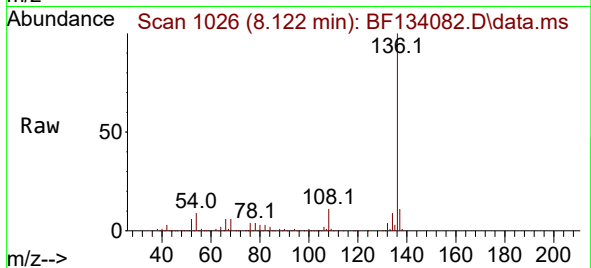
Tgt Ion: 70 Resp: 69797
Ion Ratio Lower Upper
70 100
42 49.6 54.7 82.1#
101 0.0 7.7 11.5#
130 1.7 16.4 24.6#



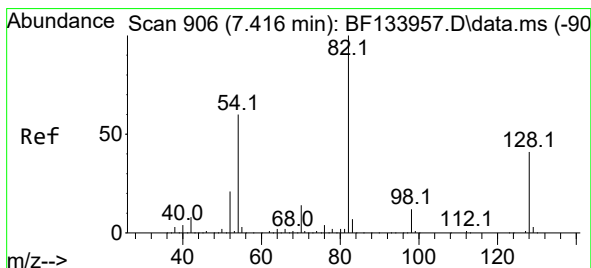
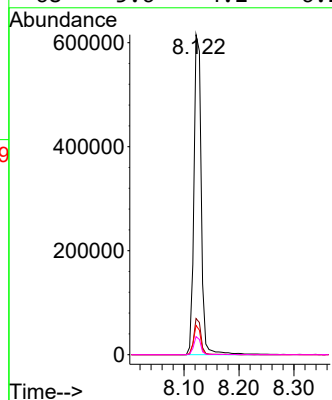
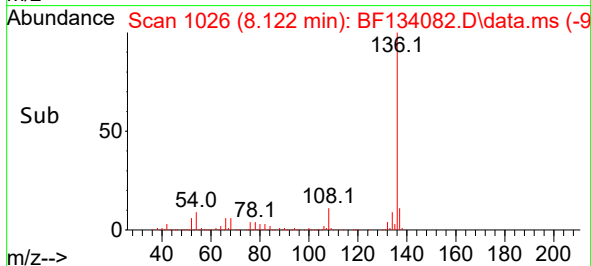


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

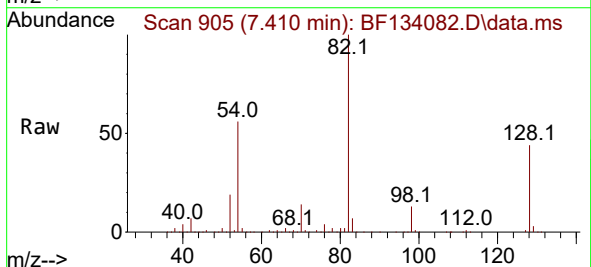
Instrument :
BNA_F
ClientSampleId :



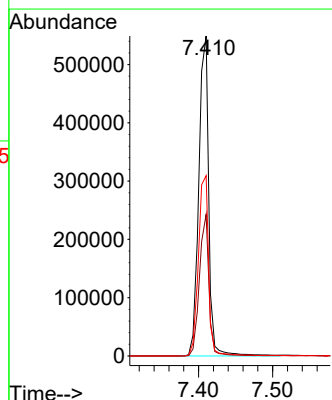
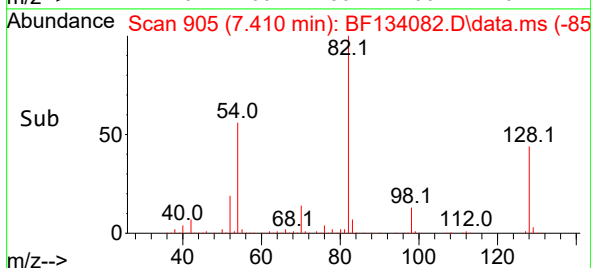
Tgt Ion:136 Resp: 566322
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 9.2 6.5 9.7
68 5.6 4.2 6.2

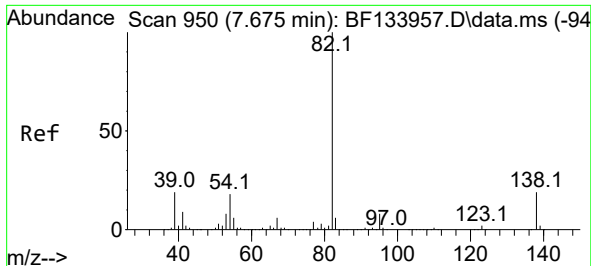


#23
Nitrobenzene-d5
Concen: 48.598 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56



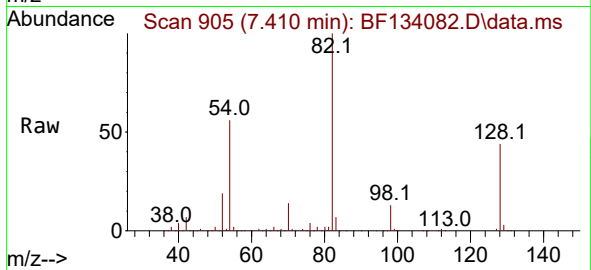
Tgt Ion: 82 Resp: 510565
Ion Ratio Lower Upper
82 100
128 44.2 32.5 48.7
54 56.3 48.2 72.2



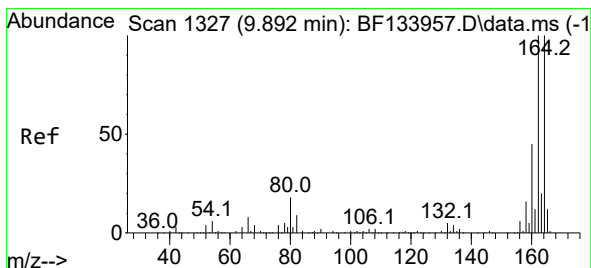
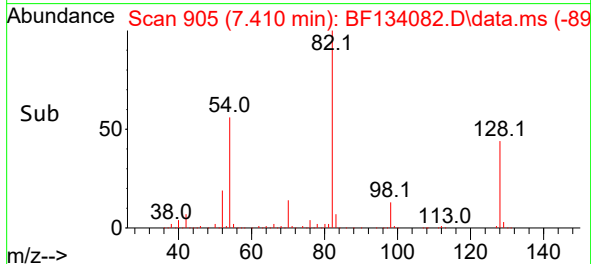
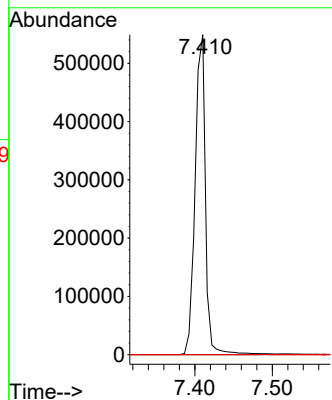


#25
Isophorone
Concen: 26.740 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

Instrument :
BNA_F
ClientSampleId :

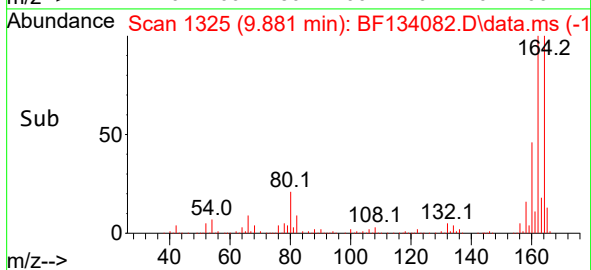
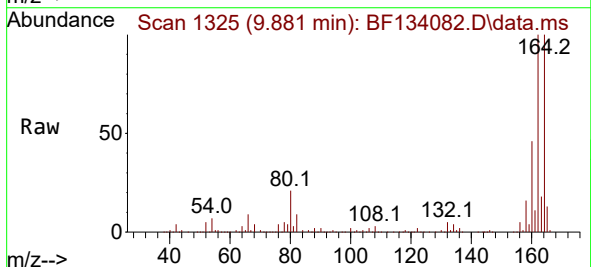
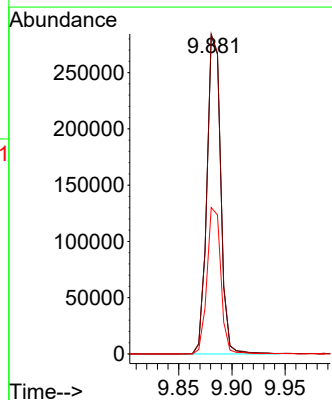


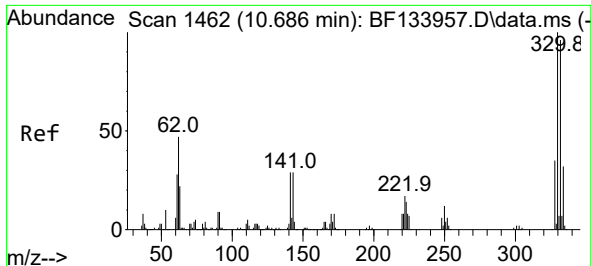
Tgt Ion: 82 Resp: 510563
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

Tgt Ion: 164 Resp: 255916
Ion Ratio Lower Upper
164 100
162 100.5 80.0 120.0
160 46.0 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 41.163 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.012 min

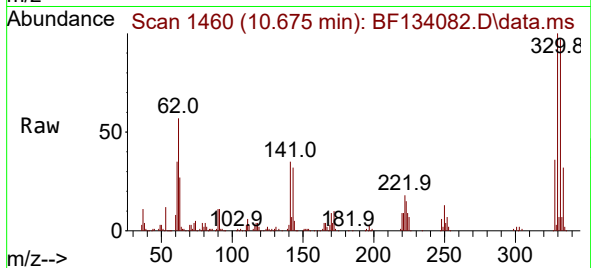
Lab File: BF134082.D

Acq: 05 Jul 2023 23:56

Instrument :

BNA_F

ClientSampleId :



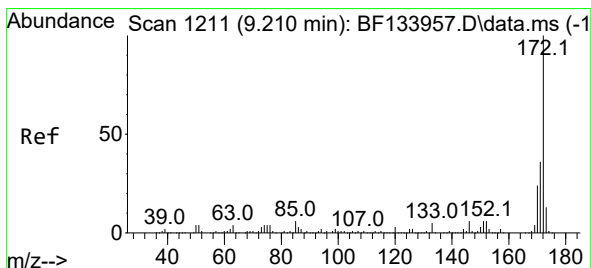
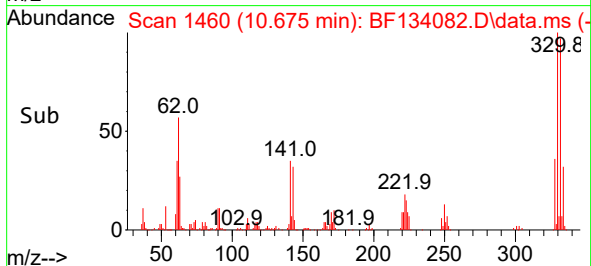
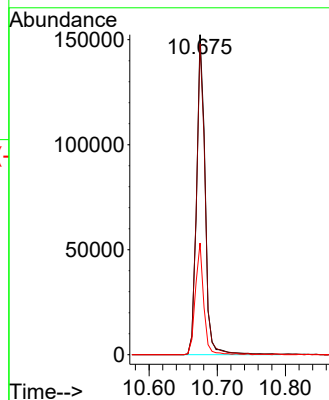
Tgt Ion:330 Resp: 132080

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

141 34.2 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 44.508 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134082.D

Acq: 05 Jul 2023 23:56

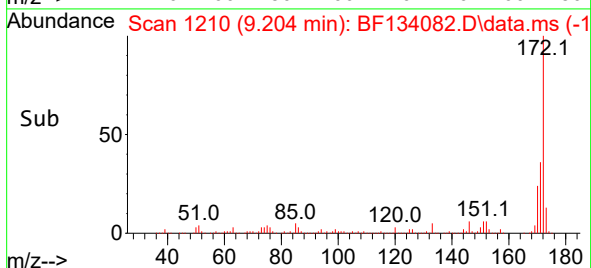
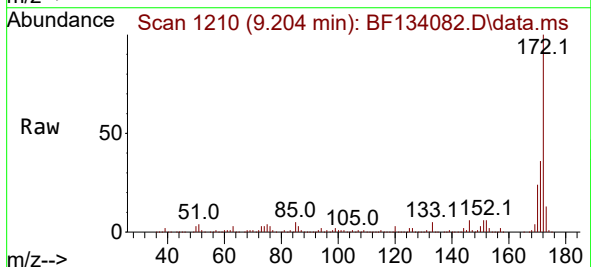
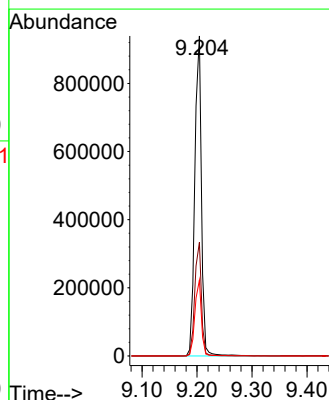
Tgt Ion:172 Resp: 783442

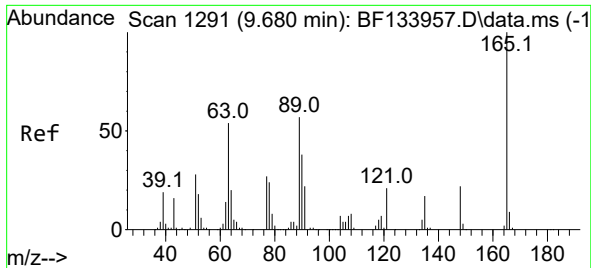
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

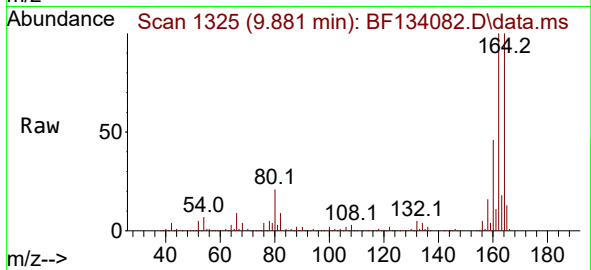
170 23.7 19.4 29.0



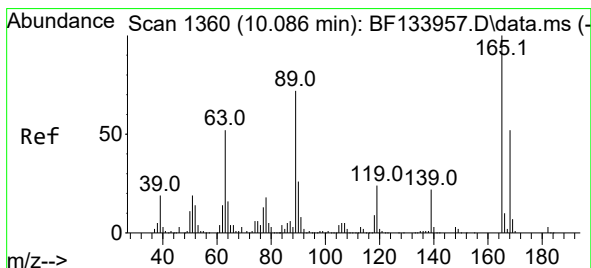
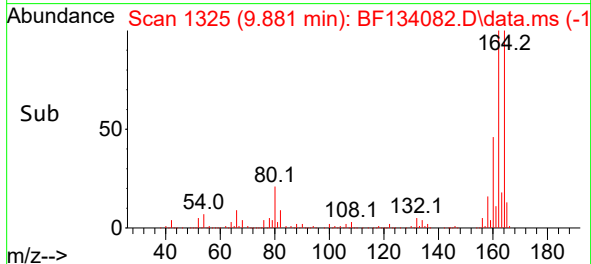
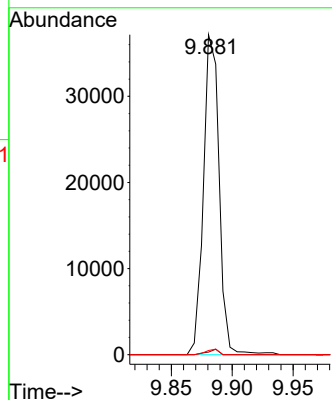


#51
2,6-Dinitrotoluene
Concen: 8.355 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

Instrument :
BNA_F
ClientSampleId :

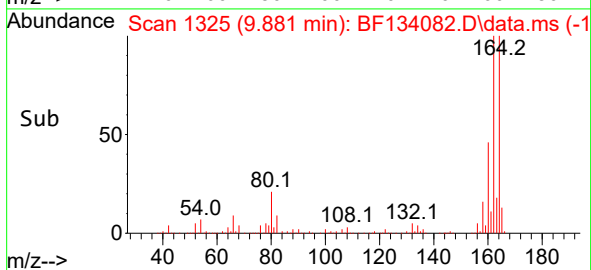
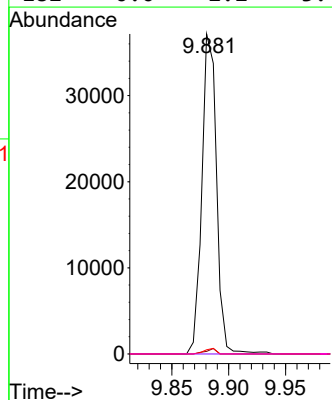
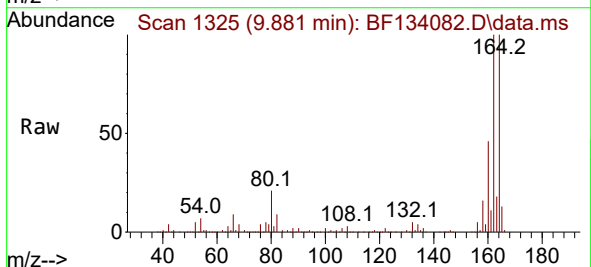


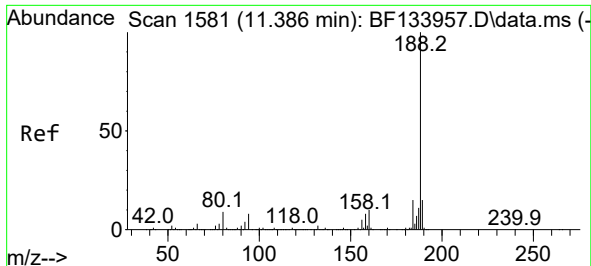
Tgt Ion:165 Resp: 33430
Ion Ratio Lower Upper
165 100
63 0.8 48.5 72.7#
89 1.3 45.5 68.3#



#57
2,4-Dinitrotoluene
Concen: 6.327 ng
RT: 9.881 min Scan# 1325
Delta R.T. -0.206 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

Tgt Ion:165 Resp: 33430
Ion Ratio Lower Upper
165 100
63 0.8 42.2 63.2#
89 1.3 57.4 86.2#
182 0.0 2.2 3.4#

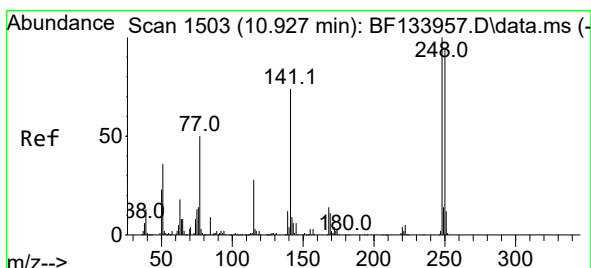
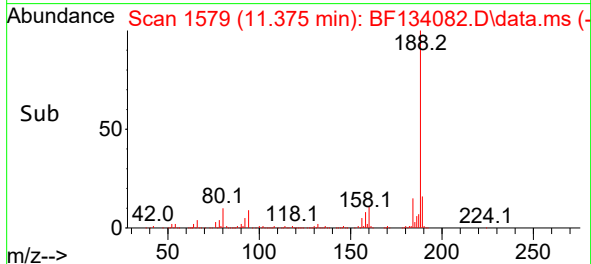
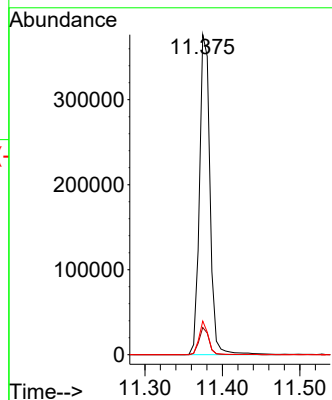
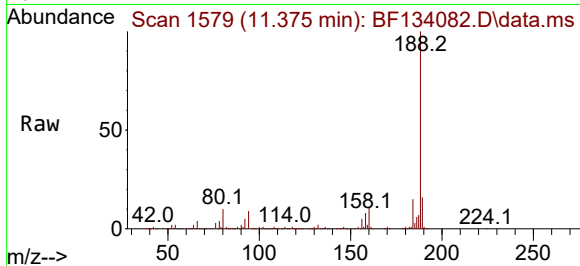




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

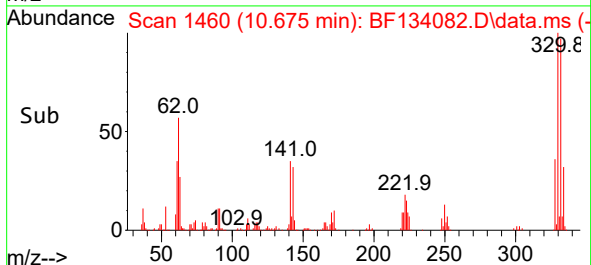
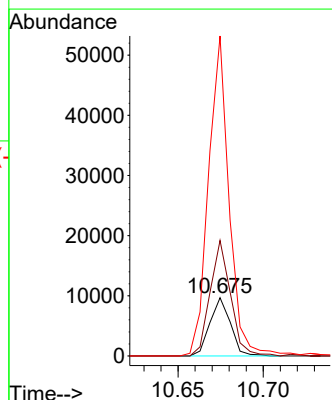
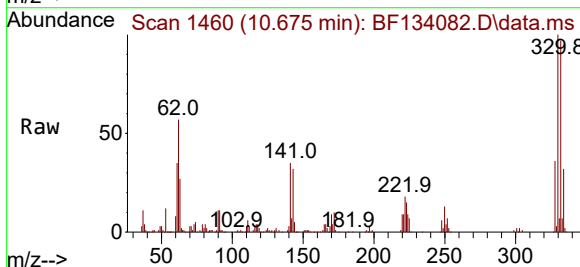
Instrument :
BNA_F
ClientSampleId :

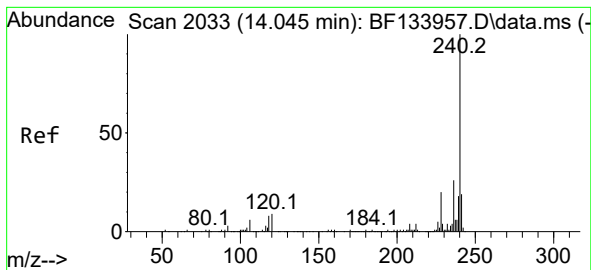
Tgt Ion:188 Resp: 354525
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 10.5 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 2.155 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.253 min
Lab File: BF134082.D
Acq: 05 Jul 2023 23:56

Tgt Ion:248 Resp: 8122
Ion Ratio Lower Upper
248 100
250 198.4 76.2 114.4#
141 549.5 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2033

Delta R.T. -0.012 min

Lab File: BF134082.D

Acq: 05 Jul 2023 23:56

Instrument :

BNA_F

ClientSampleId :

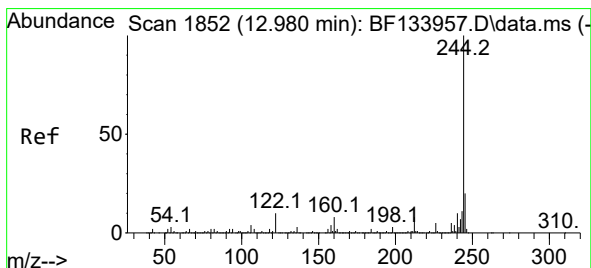
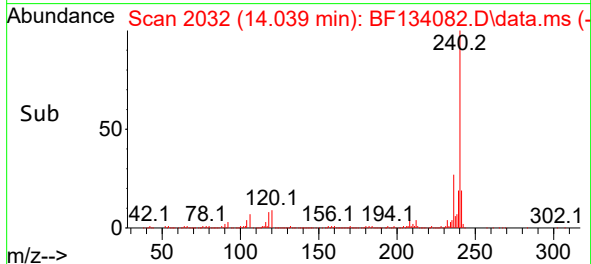
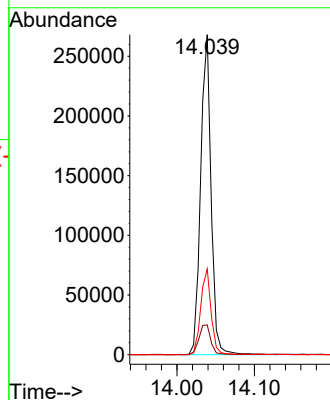
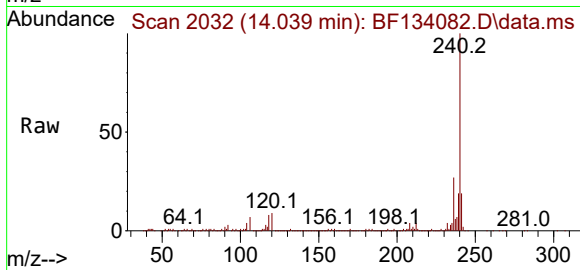
Tgt Ion:240 Resp: 250546

Ion Ratio Lower Upper

240 100

120 9.3 7.4 11.0

236 26.8 21.0 31.6



#79

Terphenyl-d14

Concen: 37.524 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF134082.D

Acq: 05 Jul 2023 23:56

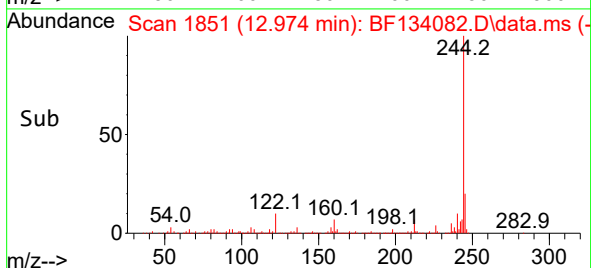
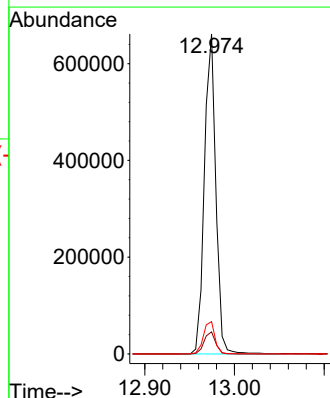
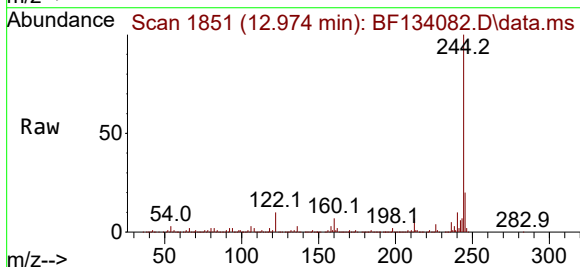
Tgt Ion:244 Resp: 584148

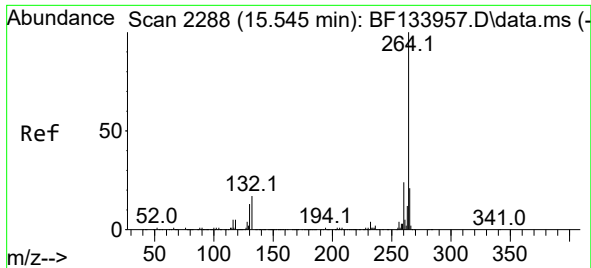
Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 10.1 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 211005

Delta R.T. -0.012 min

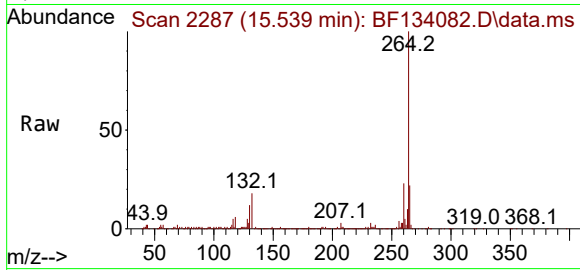
Lab File: BF134082.D

Acq: 05 Jul 2023 23:56

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 211005

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 22.1 16.6 25.0

