

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134151.D
 Acq On : 08 Jul 2023 16:34
 Operator : CG\JU
 Sample : 03510-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 00:38:02 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)

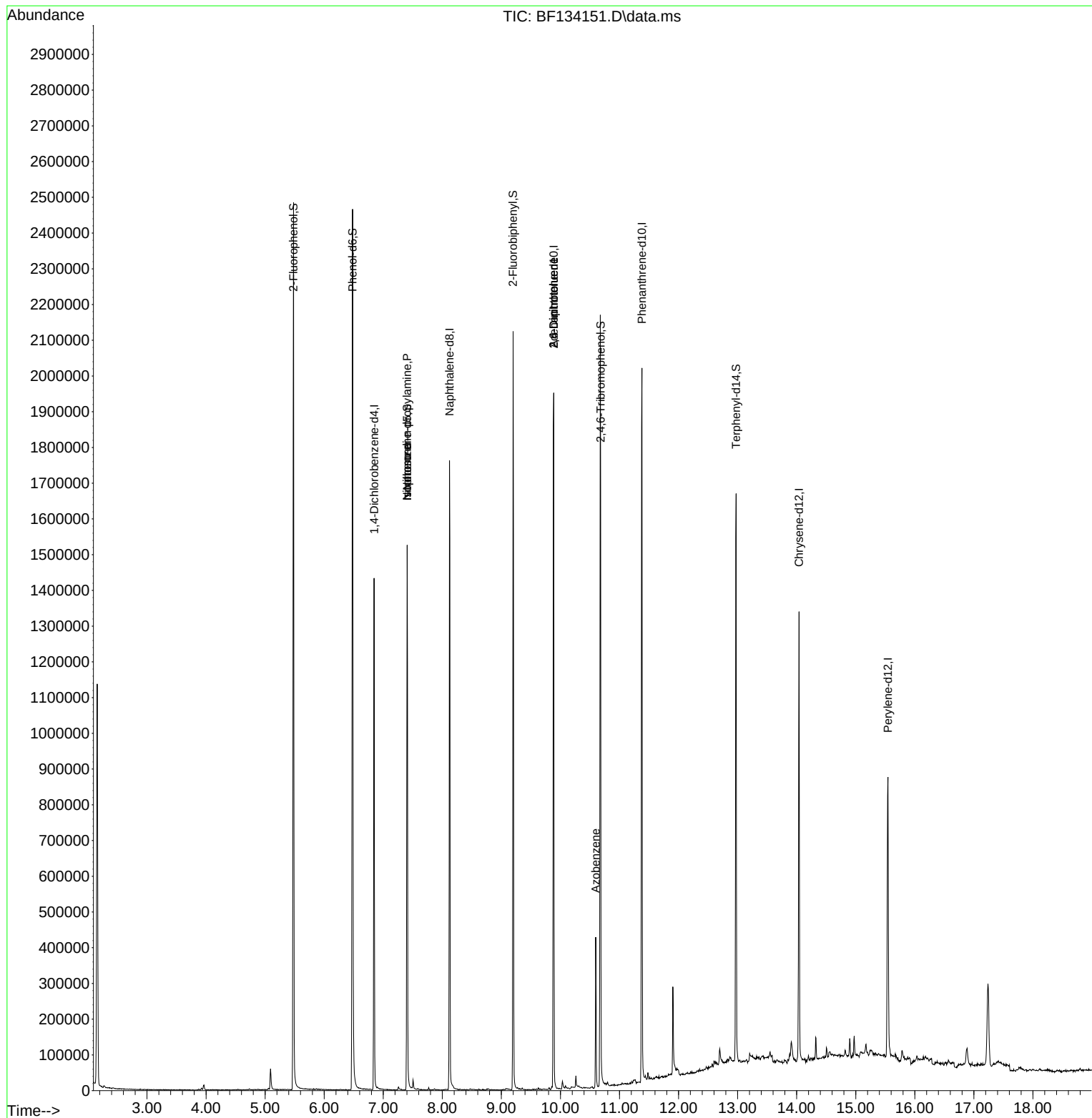
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	192333	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	778968	20.000	ng	-0.01
39) Acenaphthene-d10	9.886	164	406492	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	784237	20.000	ng	0.00
76) Chrysene-d12	14.039	240	425409	20.000	ng	-0.01
86) Perylene-d12	15.545	264	406125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	627702	54.593	ng	0.00
7) Phenol-d6	6.481	99	784130	55.454	ng	-0.01
23) Nitrobenzene-d5	7.404	82	462147	31.981	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	271451	53.261	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	608767	21.774	ng	-0.01
79) Terphenyl-d14	12.974	244	581136	21.986	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.410	77	66	Below Cal	#	41
19) n-Nitroso-di-n-propyla...	7.404	70	63868	7.122 ng	#	78
25) Isophorone	7.404	82	462144	17.597 ng	#	64
51) 2,6-Dinitrotoluene	9.886	165	53850	8.473 ng	#	23
57) 2,4-Dinitrotoluene	9.886	165	53850	6.416 ng	#	22
63) Azobenzene	10.598	77	68467	2.354 ng	#	1

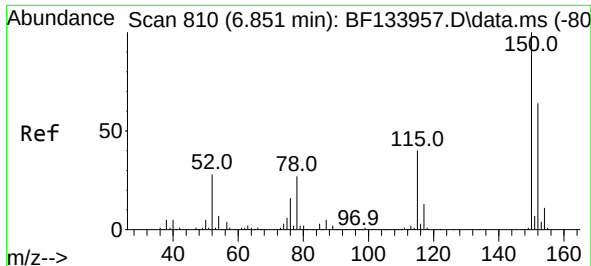
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
Data File : BF134151.D
Acq On : 08 Jul 2023 16:34
Operator : CG\JU
Sample : 03510-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

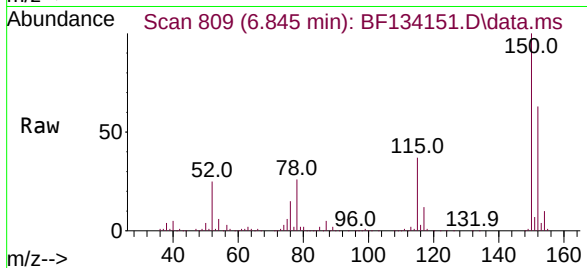
Quant Time: Jul 09 00:38:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
Response via : Initial Calibration



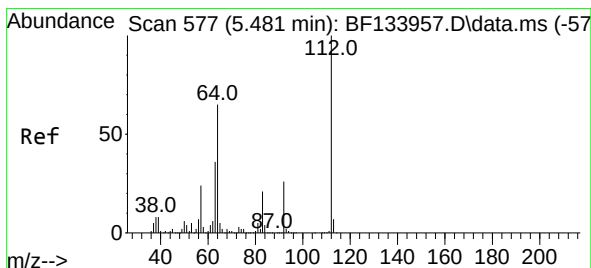
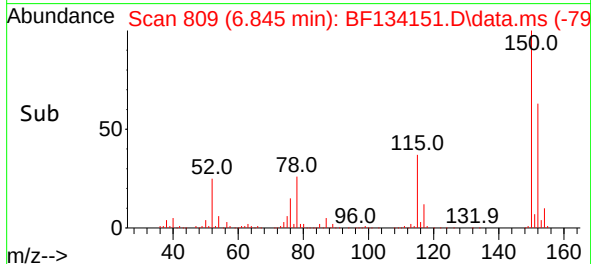
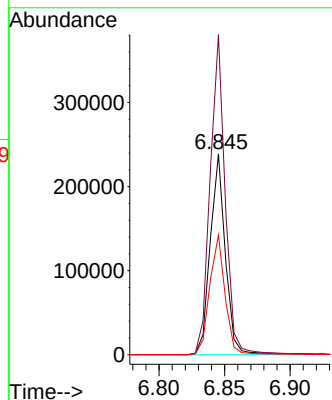


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134151.D
 Acq: 08 Jul 2023 16:34

Instrument :
 BNA_F
 ClientSampleId :

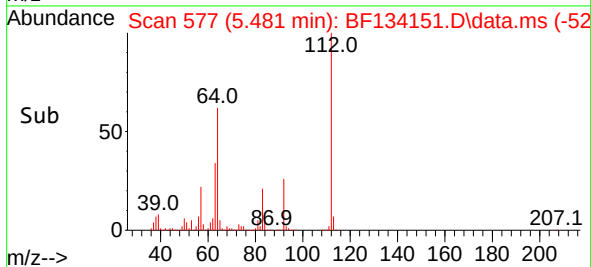
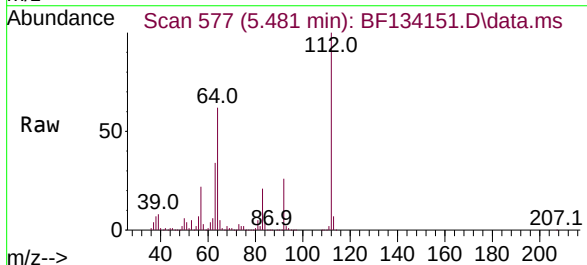
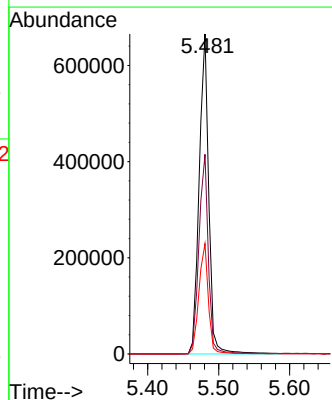


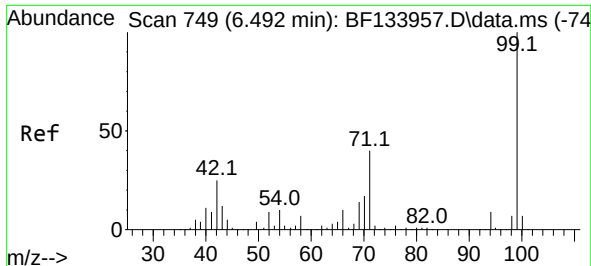
Tgt Ion:152 Resp: 192333
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.5 186.7
 115 59.6 50.2 75.2



#5
 2-Fluorophenol
 Concen: 54.593 ng
 RT: 5.481 min Scan# 577
 Delta R.T. -0.006 min
 Lab File: BF134151.D
 Acq: 08 Jul 2023 16:34

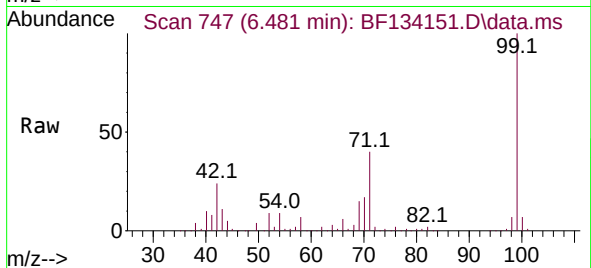
Tgt Ion:112 Resp: 627702
 Ion Ratio Lower Upper
 112 100
 64 62.4 52.1 78.1
 63 34.5 28.6 42.8



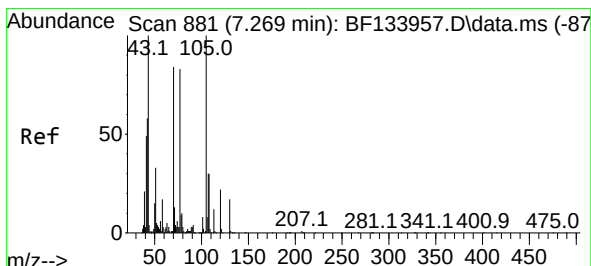
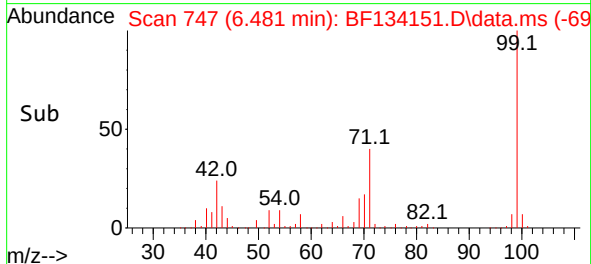
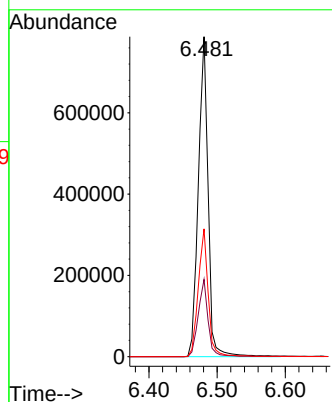


#7
Phenol-d6
Concen: 55.454 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134151.D
Acq: 08 Jul 2023 16:34

Instrument :
BNA_F
ClientSampleId :

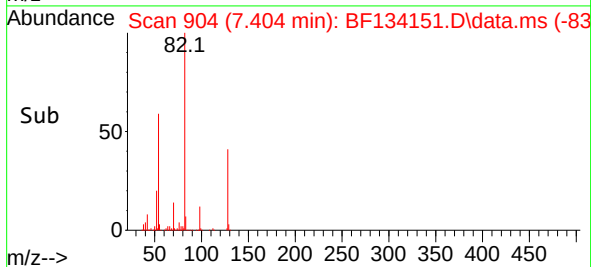
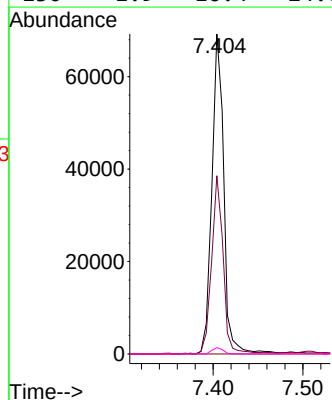
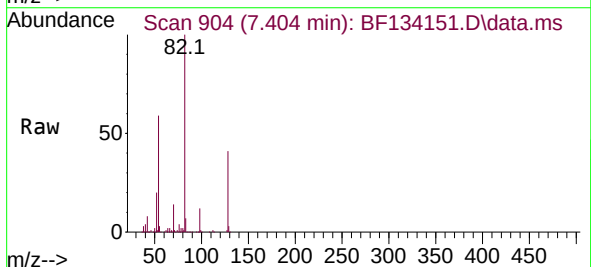


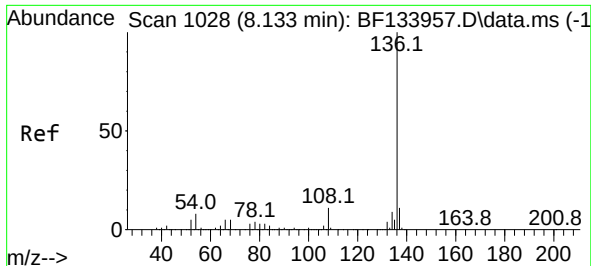
Tgt Ion: 99 Resp: 784130
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 39.9 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 7.122 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.135 min
Lab File: BF134151.D
Acq: 08 Jul 2023 16:34

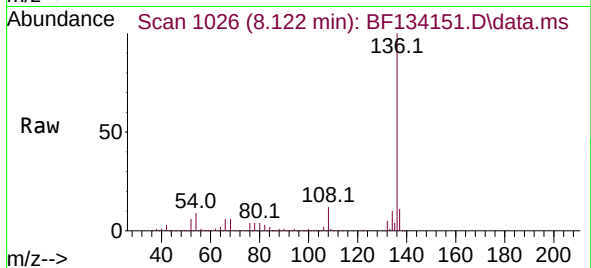
Tgt Ion: 70 Resp: 63868
Ion Ratio Lower Upper
70 100
42 55.7 54.7 82.1
101 0.0 7.7 11.5#
130 1.9 16.4 24.6#



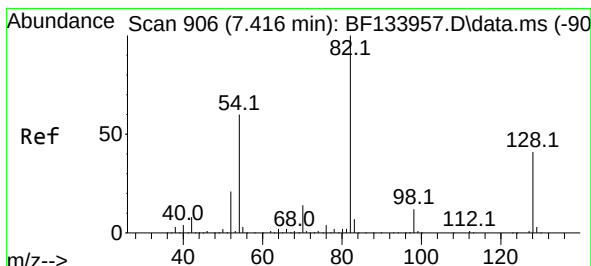
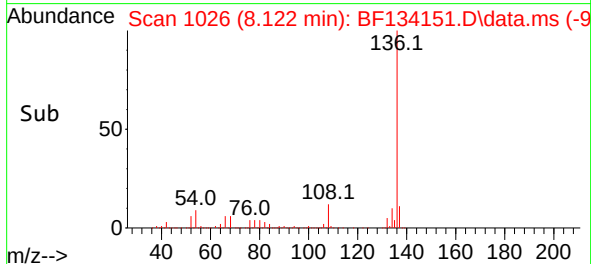
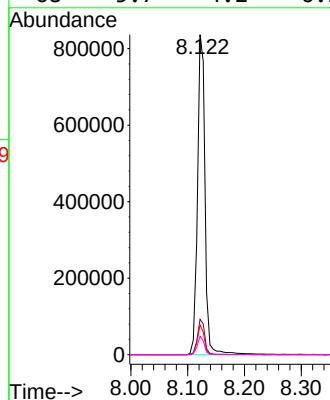


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134151.D
Acq: 08 Jul 2023 16:34

Instrument :
BNA_F
ClientSampleId :

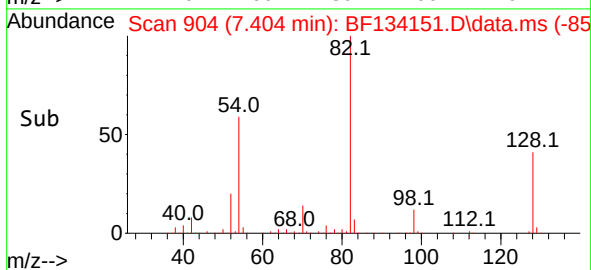
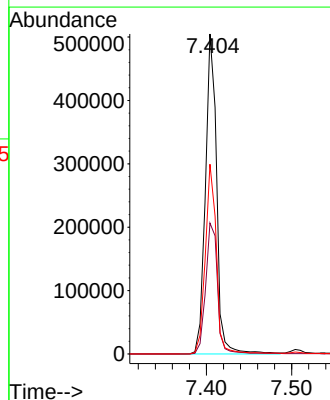
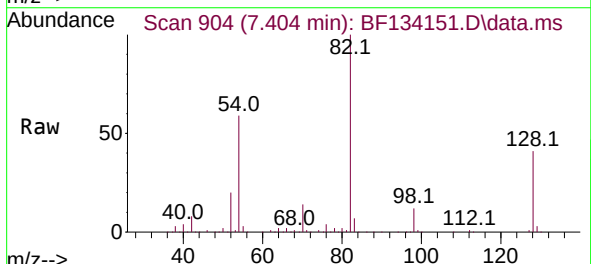


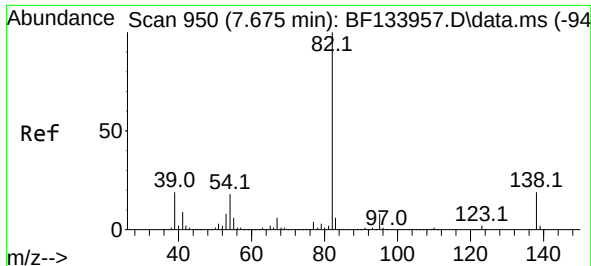
Tgt Ion:136 Resp: 778968
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.3 6.5 9.7
68 5.7 4.2 6.2



#23
Nitrobenzene-d5
Concen: 31.981 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF134151.D
Acq: 08 Jul 2023 16:34

Tgt Ion: 82 Resp: 462147
Ion Ratio Lower Upper
82 100
128 40.9 32.5 48.7
54 59.3 48.2 72.2

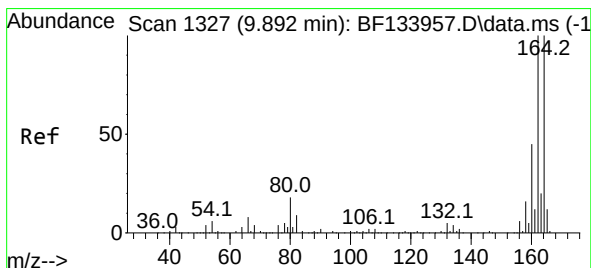
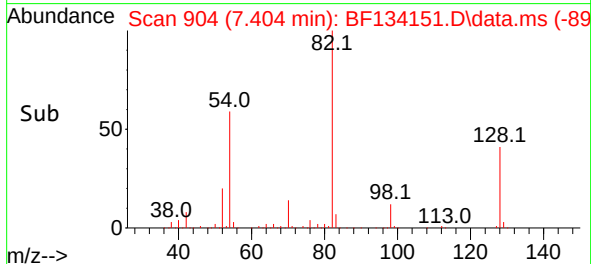
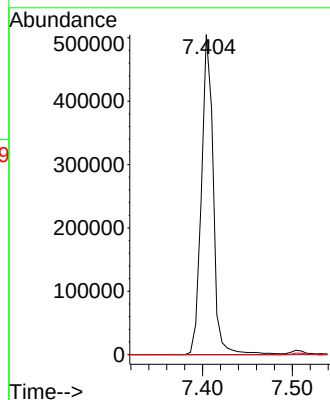
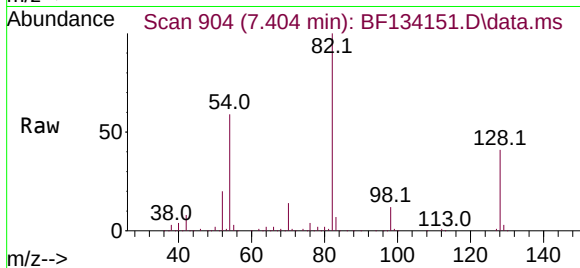




#25
Isophorone
Concen: 17.597 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF134151.D
Acq: 08 Jul 2023 16:34

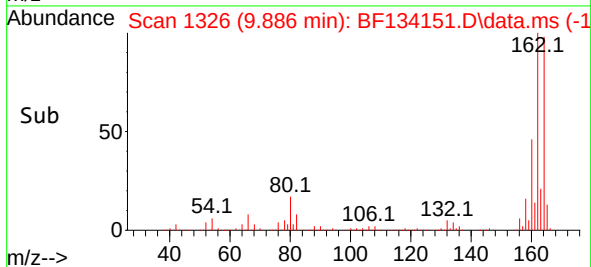
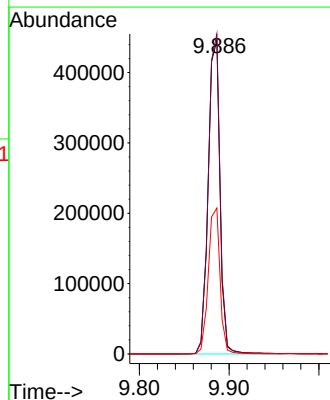
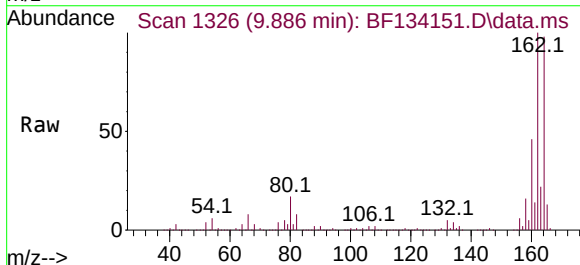
Instrument :
BNA_F
ClientSampleId :

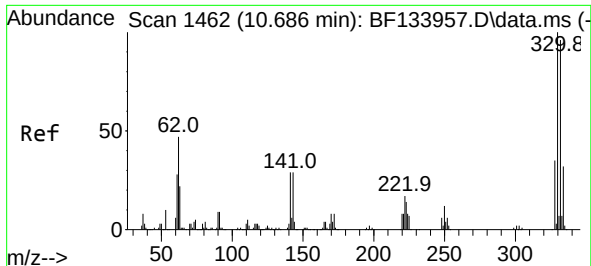
Tgt Ion: 82 Resp: 462144
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF134151.D
Acq: 08 Jul 2023 16:34

Tgt Ion:164 Resp: 406492
Ion Ratio Lower Upper
164 100
162 102.1 80.0 120.0
160 46.5 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 53.261 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.006 min

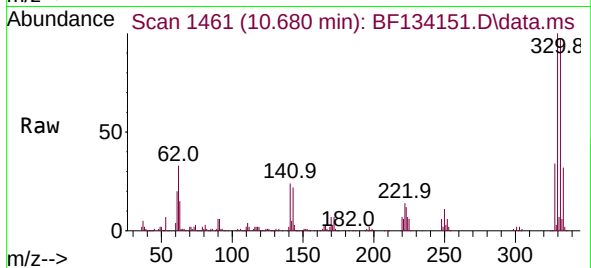
Lab File: BF134151.D

Acq: 08 Jul 2023 16:34

Instrument :

BNA_F

ClientSampleId :



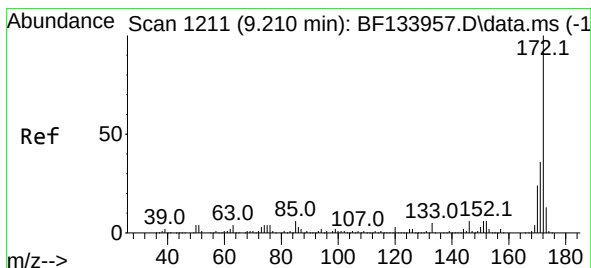
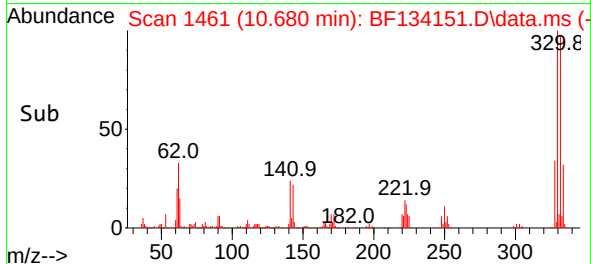
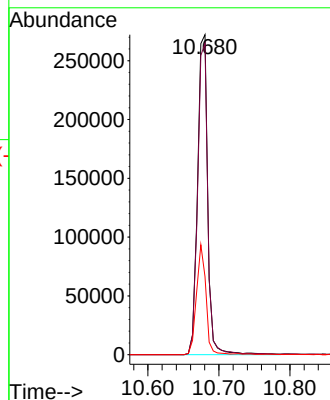
Tgt Ion:330 Resp: 271451

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

141 32.3 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 21.774 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.012 min

Lab File: BF134151.D

Acq: 08 Jul 2023 16:34

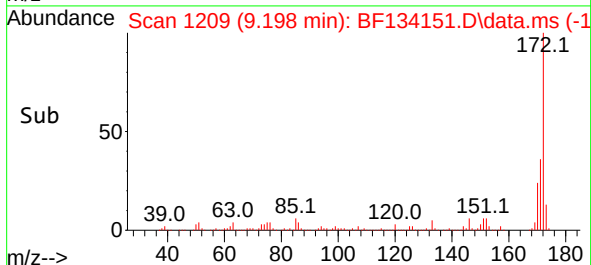
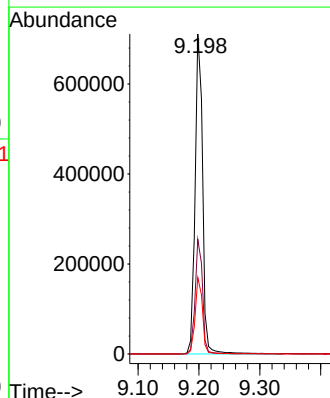
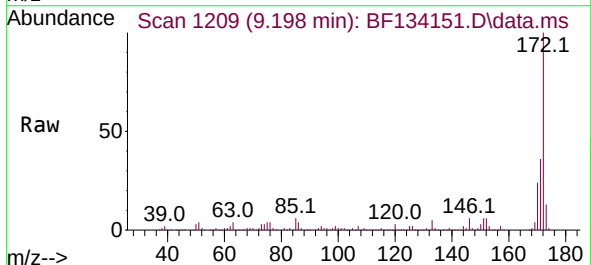
Tgt Ion:172 Resp: 608767

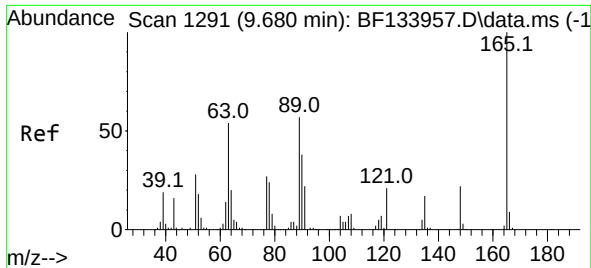
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.9 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.473 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF134151.D

Acq: 08 Jul 2023 16:34

Instrument :

BNA_F

ClientSampleId :

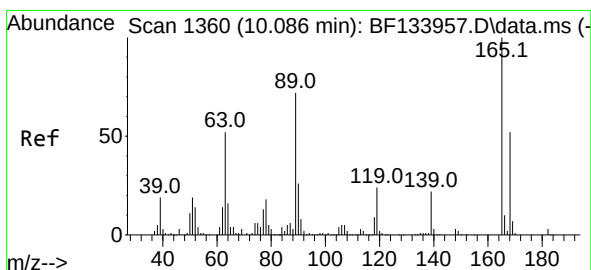
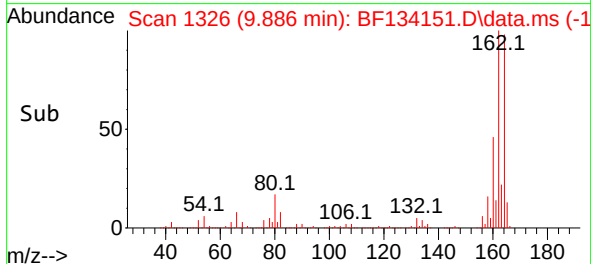
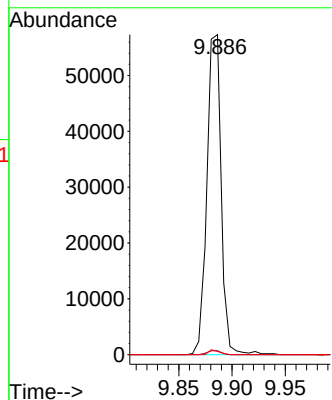
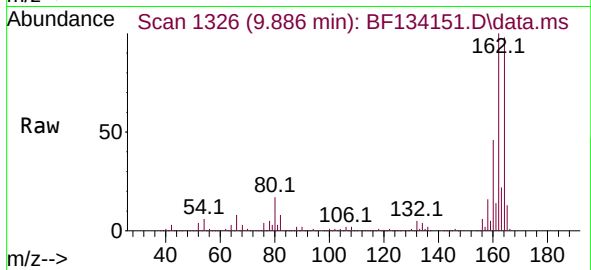
Tgt Ion:165 Resp: 53850

Ion Ratio Lower Upper

165 100

63 1.3 48.5 72.7#

89 1.0 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.416 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.200 min

Lab File: BF134151.D

Acq: 08 Jul 2023 16:34

Tgt Ion:165 Resp: 53850

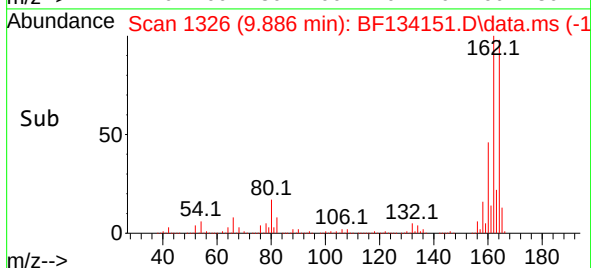
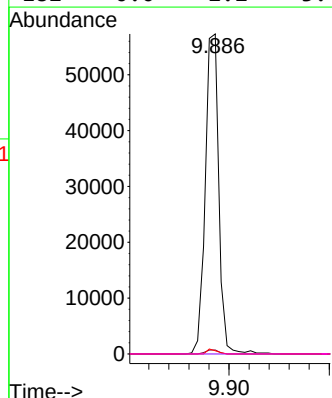
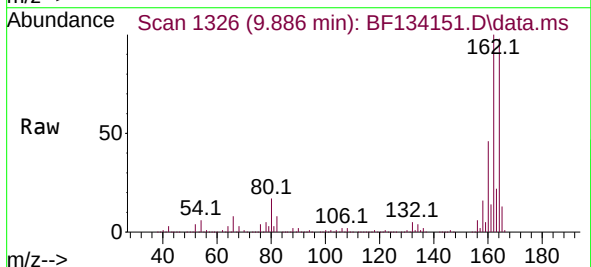
Ion Ratio Lower Upper

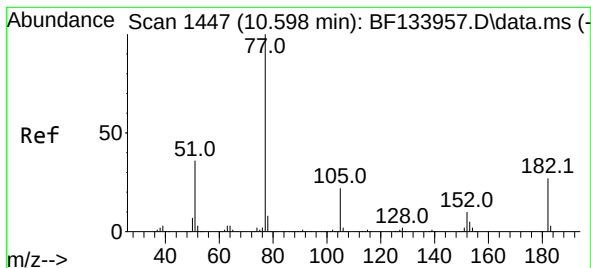
165 100

63 1.3 42.2 63.2#

89 1.0 57.4 86.2#

182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 2.354 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.000 min

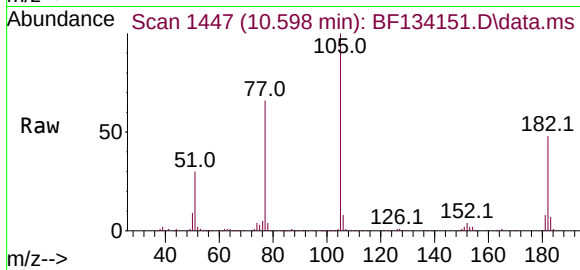
Lab File: BF134151.D

Acq: 08 Jul 2023 16:34

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 68467

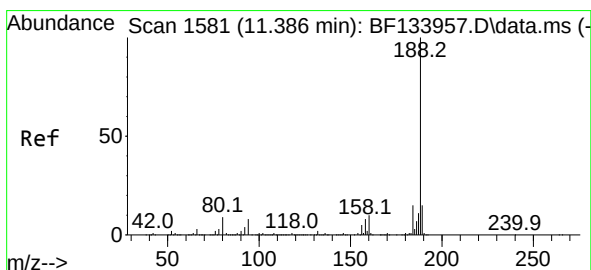
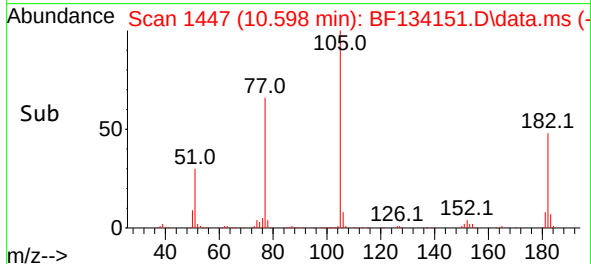
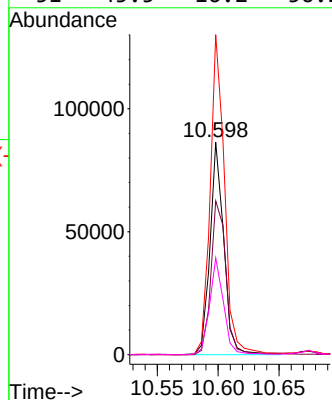
Ion Ratio Lower Upper

77 100

182 72.3 6.8 46.8#

105 150.6 2.3 42.3#

51 45.5 16.2 56.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF134151.D

Acq: 08 Jul 2023 16:34

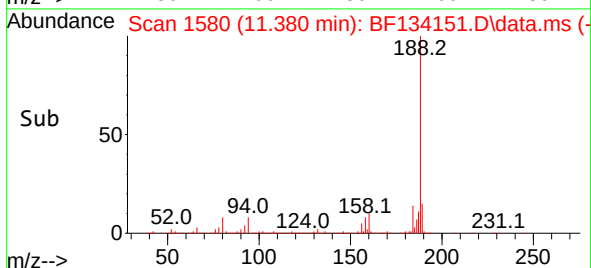
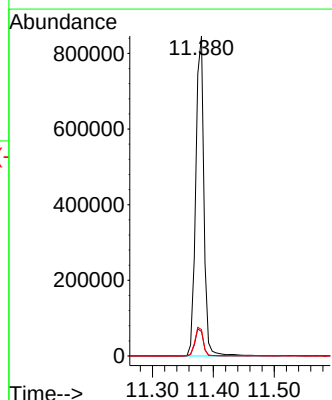
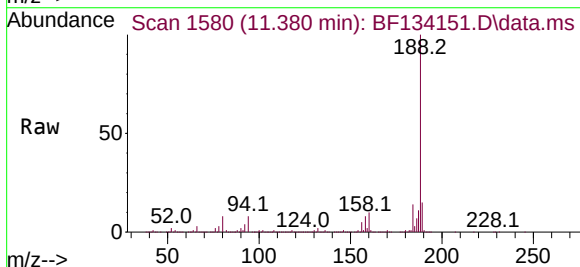
Tgt Ion: 188 Resp: 784237

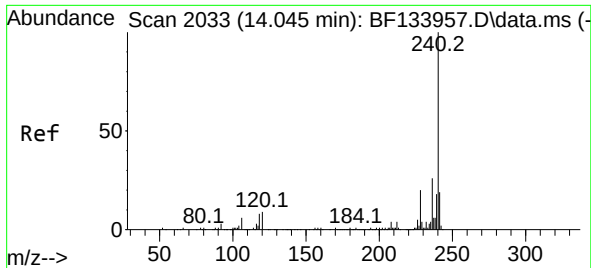
Ion Ratio Lower Upper

188 100

94 7.7 6.4 9.6

80 8.3 7.3 10.9

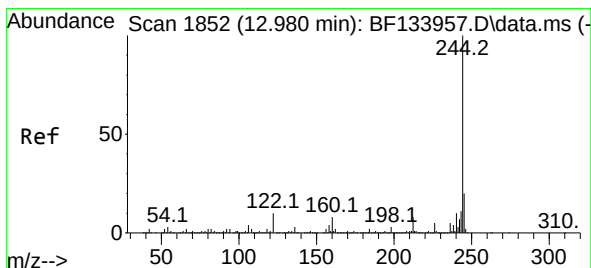
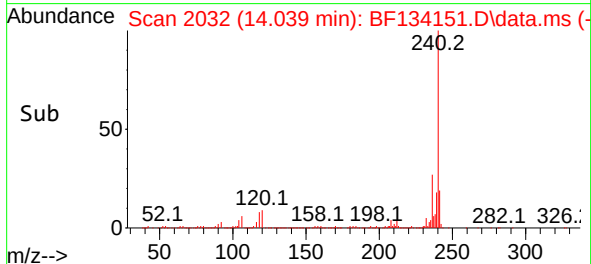
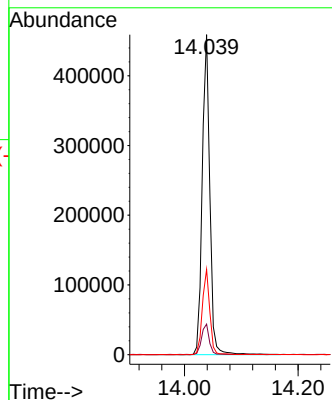
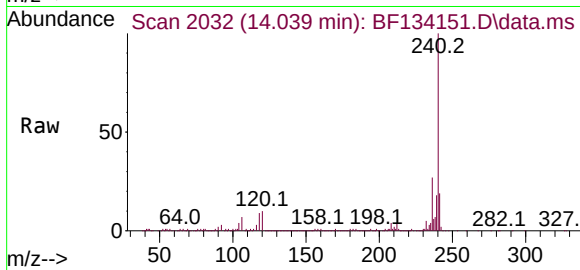




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF134151.D
Acq: 08 Jul 2023 16:34

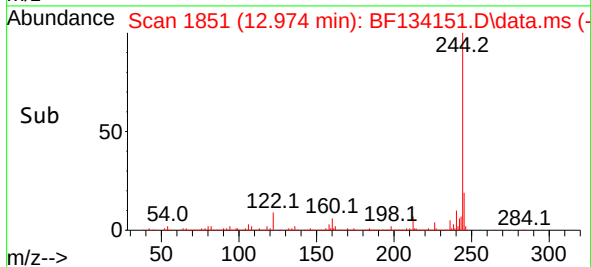
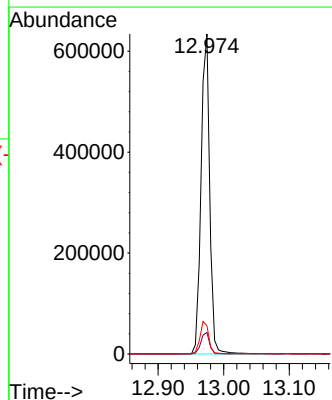
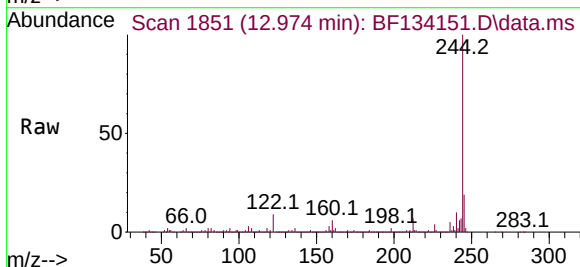
Instrument :
BNA_F
ClientSampleId :

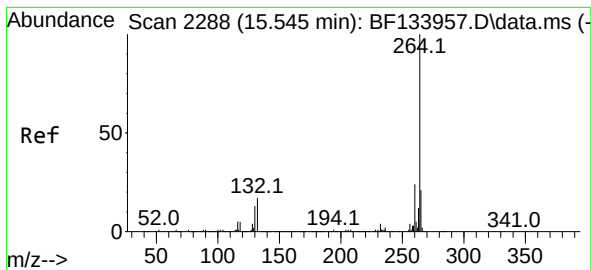
Tgt Ion:240 Resp: 425409
Ion Ratio Lower Upper
240 100
120 9.6 7.4 11.0
236 26.6 21.0 31.6



#79
Terphenyl-d14
Concen: 21.986 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF134151.D
Acq: 08 Jul 2023 16:34

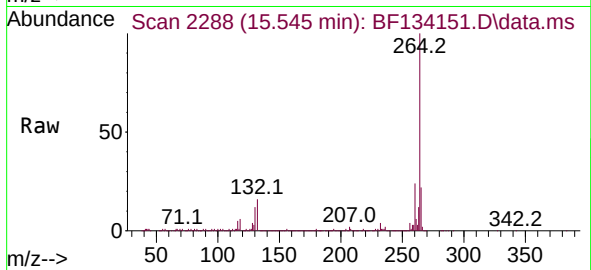
Tgt Ion:244 Resp: 581136
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 8.8 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF134151.D
 Acq: 08 Jul 2023 16:34

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 406125
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 22.3 16.6 25.0

