

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
 Data File : BF129669.D
 Acq On : 09 Aug 2022 16:30
 Operator : CG\JU
 Sample : PB146826TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146826TB

Quant Time: Aug 09 17:41:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

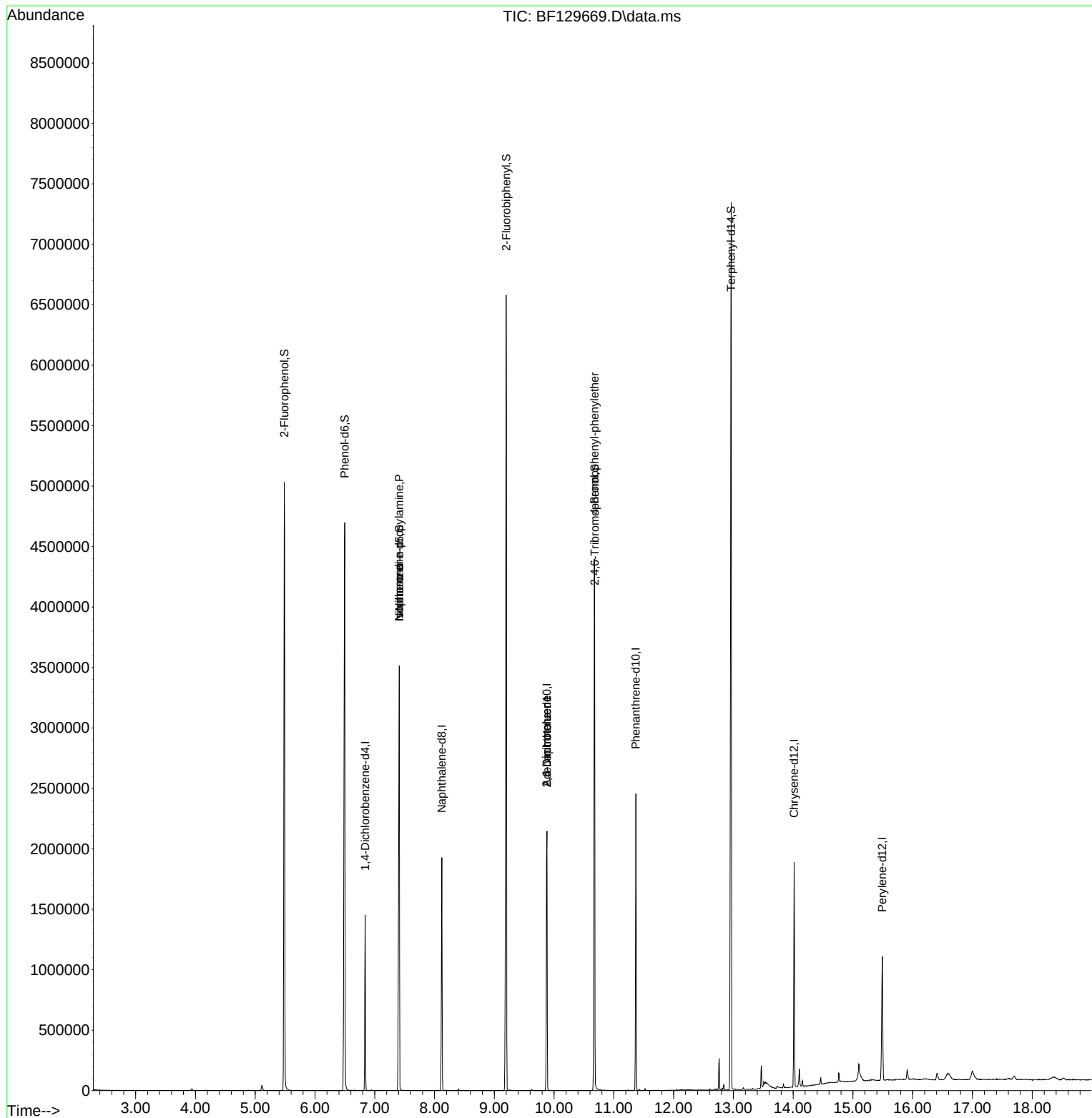
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	198743	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	809044	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	444365	20.000	ng	-0.01
64) Phenanthrene-d10	11.369	188	784761	20.000	ng	-0.01
76) Chrysene-d12	14.016	240	575045	20.000	ng	-0.01
86) Perylene-d12	15.492	264	448475	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1519013	124.506	ng	0.00
7) Phenol-d6	6.498	99	1918198	125.086	ng	0.00
23) Nitrobenzene-d5	7.410	82	1270075	85.696	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	584244	136.754	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2356354	82.031	ng	-0.01
79) Terphenyl-d14	12.963	244	2766452	90.760	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	171158	18.436	ng	# 71
25) Isophorone	7.410	82	1263203	47.549	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	57741	8.410	ng	# 26
57) 2,4-Dinitrotoluene	9.881	165	57741	6.438	ng	# 21
67) 4-Bromophenyl-phenylether	10.675	248	36100	4.201	ng	# 1

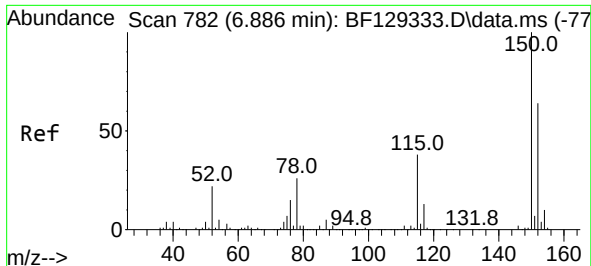
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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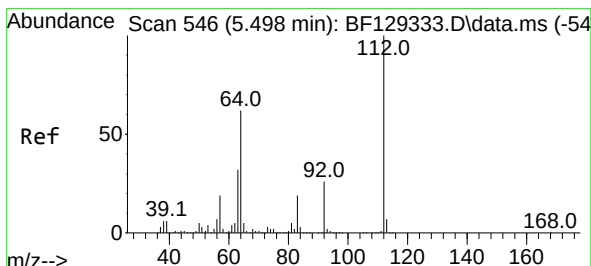
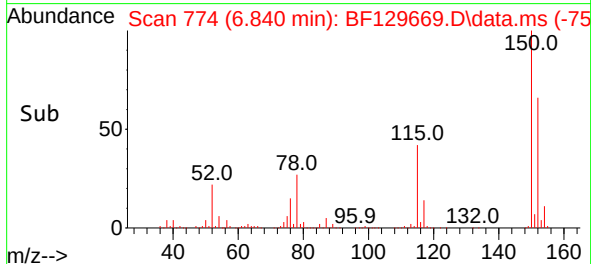
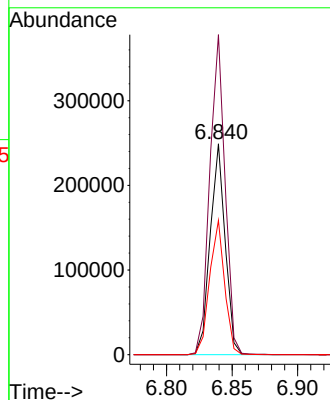
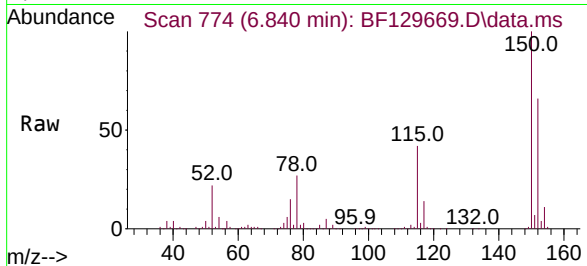




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF129669.D
 Acq: 09 Aug 2022 16:30

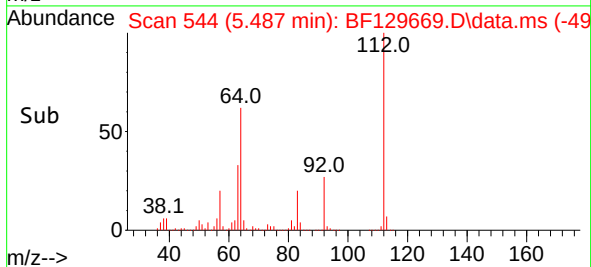
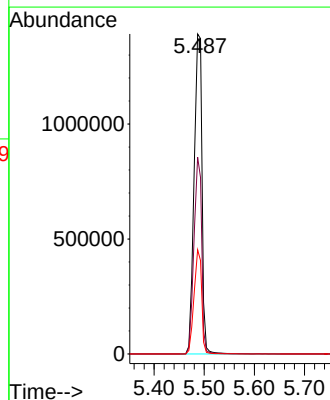
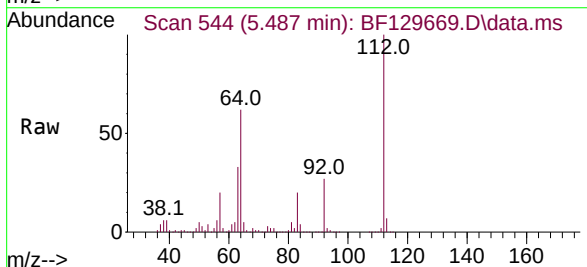
Instrument :
 BNA_F
 ClientSampleId :
 PB146826TB

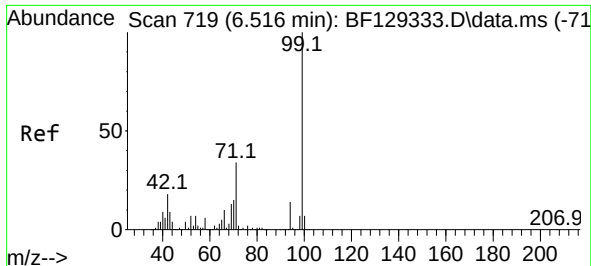
Tgt Ion:152 Resp: 198743
 Ion Ratio Lower Upper
 152 100
 150 151.7 123.7 185.5
 115 63.6 49.9 74.9



#5
 2-Fluorophenol
 Concen: 124.506 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF129669.D
 Acq: 09 Aug 2022 16:30

Tgt Ion:112 Resp: 1519013
 Ion Ratio Lower Upper
 112 100
 64 61.5 53.3 79.9
 63 32.5 28.0 42.0

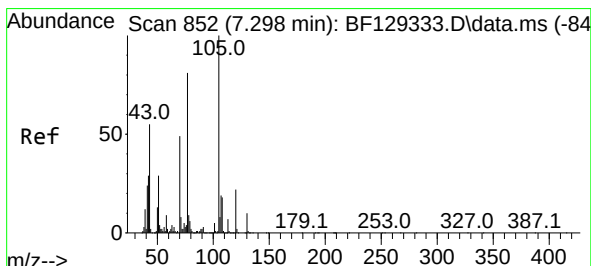
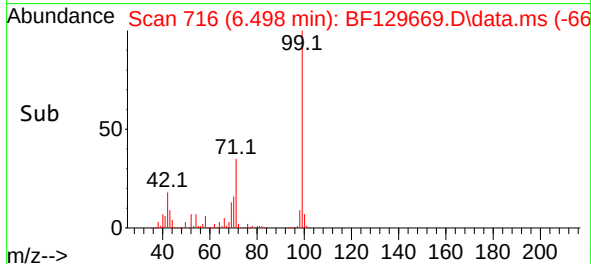
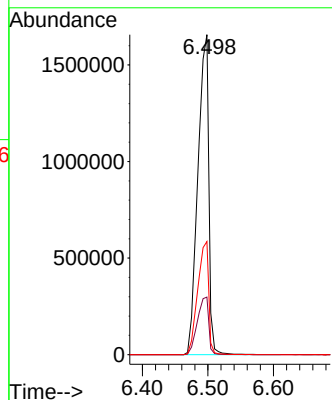
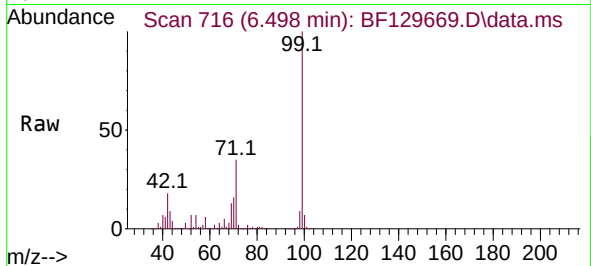




#7
Phenol-d6
Concen: 125.086 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF129669.D
Acq: 09 Aug 2022 16:30

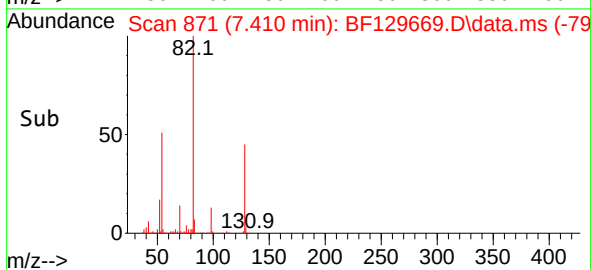
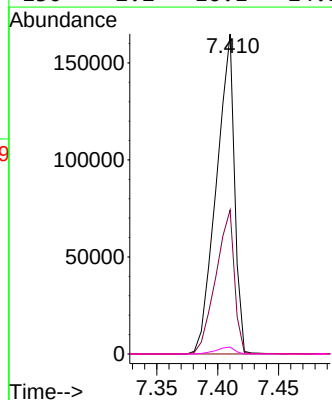
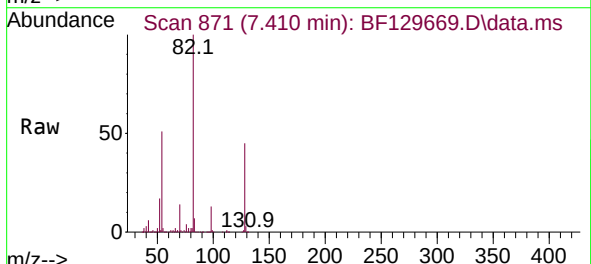
Instrument :
BNA_F
ClientSampleId :
PB146826TB

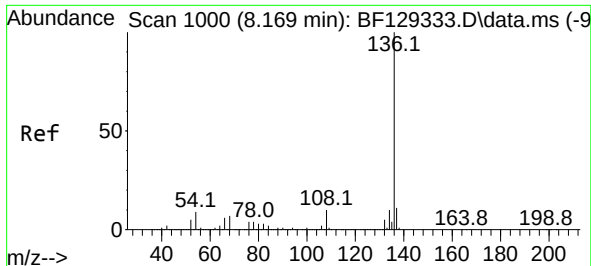
Tgt Ion: 99 Resp: 1918198
Ion Ratio Lower Upper
99 100
42 18.0 17.3 25.9
71 35.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.436 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129669.D
Acq: 09 Aug 2022 16:30

Tgt Ion: 70 Resp: 171158
Ion Ratio Lower Upper
70 100
42 45.0 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



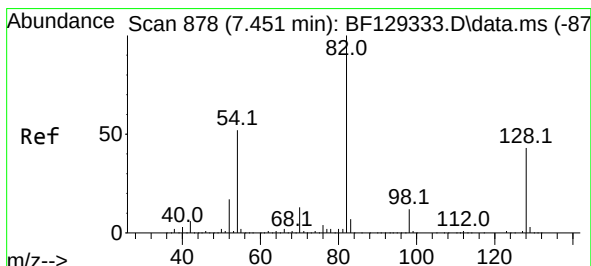
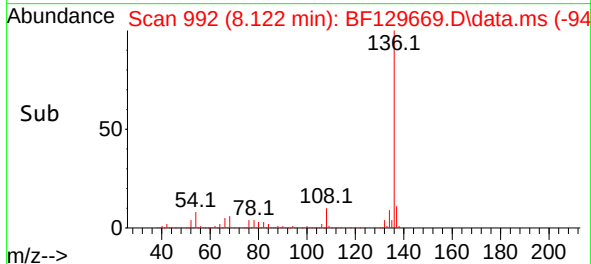
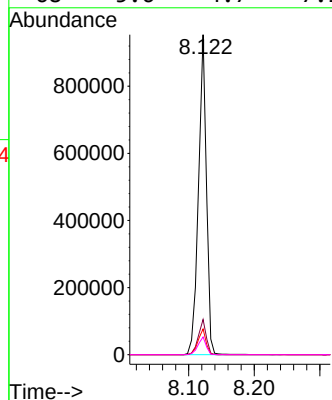
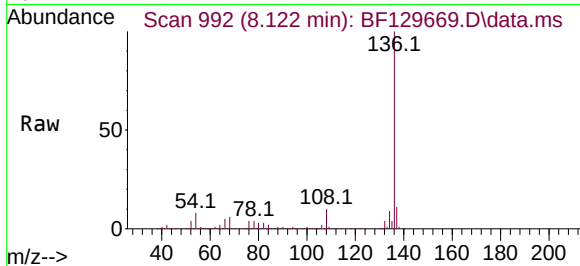


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129669.D
Acq: 09 Aug 2022 16:30

Instrument :
BNA_F
ClientSampleId :
PB146826TB

Tgt Ion:136 Resp: 809044

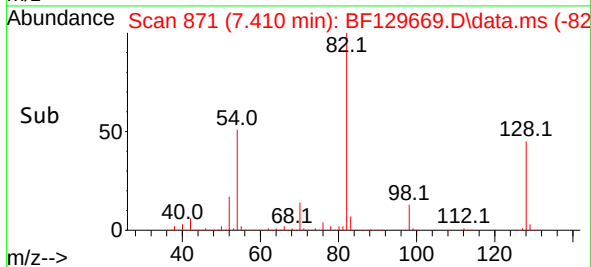
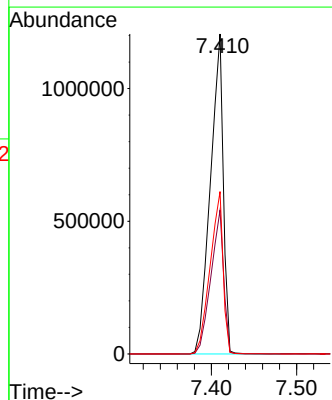
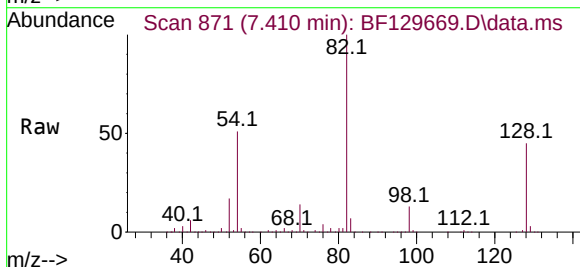
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.1	7.5	11.3
68	5.6	4.7	7.1

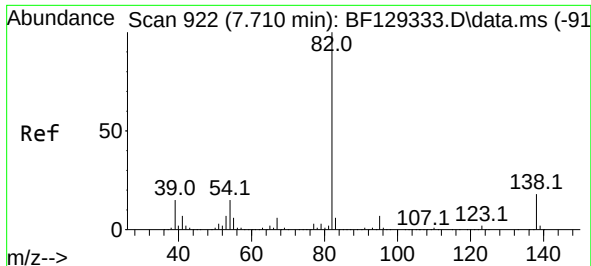


#23
Nitrobenzene-d5
Concen: 85.696 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.012 min
Lab File: BF129669.D
Acq: 09 Aug 2022 16:30

Tgt Ion: 82 Resp: 1270075

Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	50.7	46.9	70.3

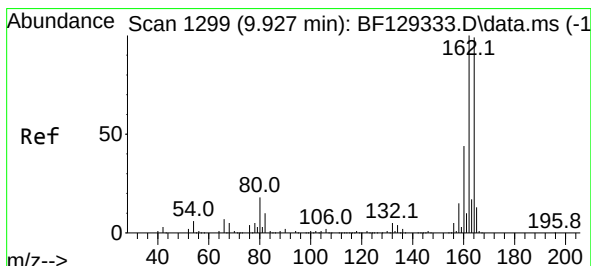
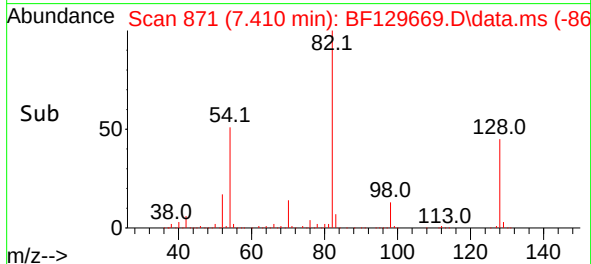
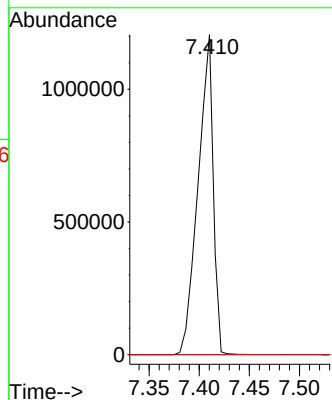
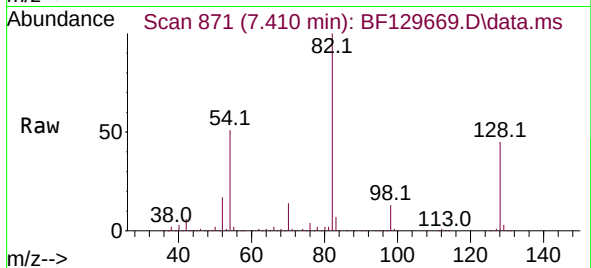




#25
Isophorone
Concen: 47.549 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129669.D
Acq: 09 Aug 2022 16:30

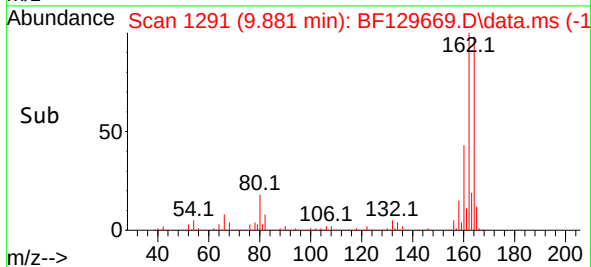
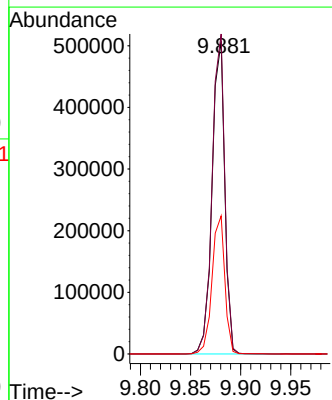
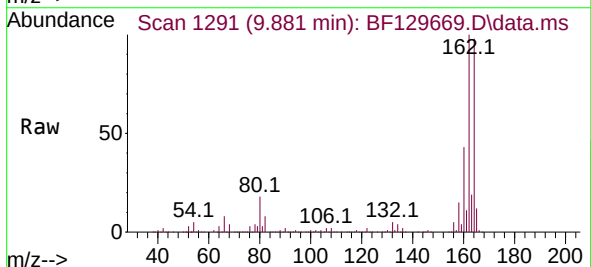
Instrument :
BNA_F
ClientSampleId :
PB146826TB

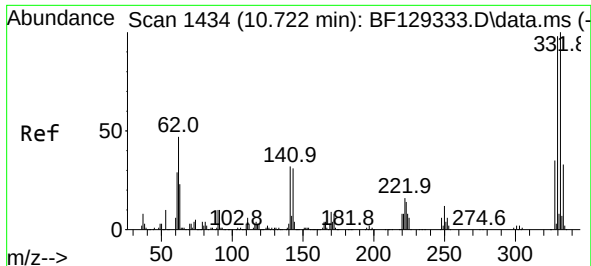
Tgt Ion: 82 Resp: 1263203
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF129669.D
Acq: 09 Aug 2022 16:30

Tgt Ion:164 Resp: 444365
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 136.754 ng

RT: 10.680 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129669.D

Acq: 09 Aug 2022 16:30

Instrument :

BNA_F

ClientSampleId :

PB146826TB

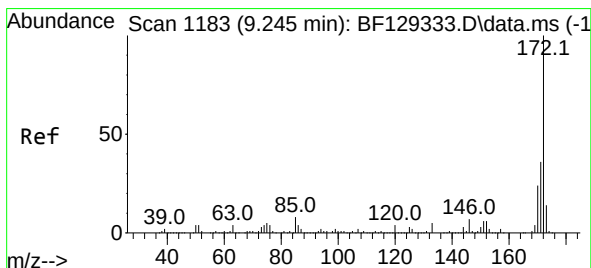
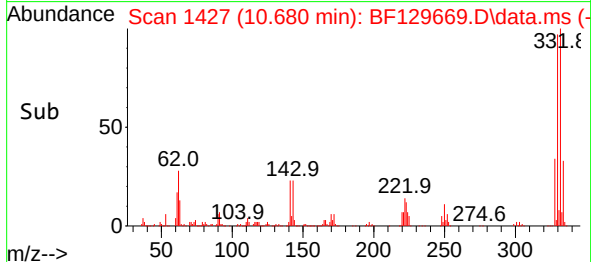
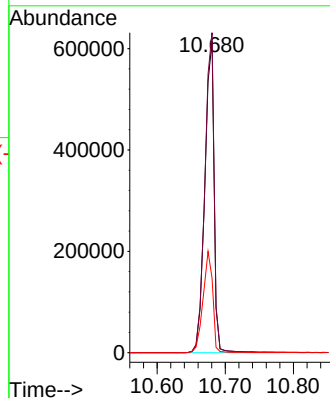
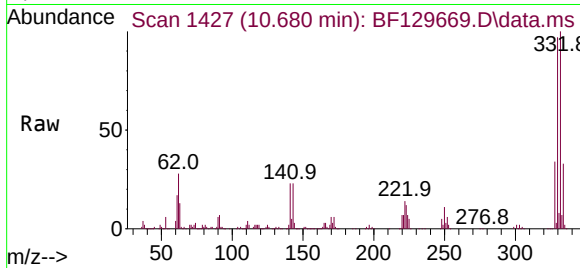
Tgt Ion:330 Resp: 584244

Ion Ratio Lower Upper

330 100

332 102.1 76.8 115.2

141 33.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 82.031 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.012 min

Lab File: BF129669.D

Acq: 09 Aug 2022 16:30

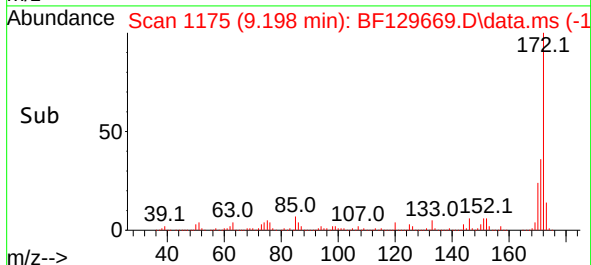
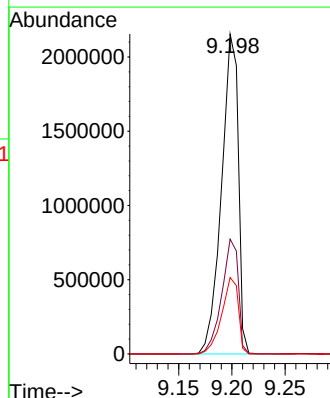
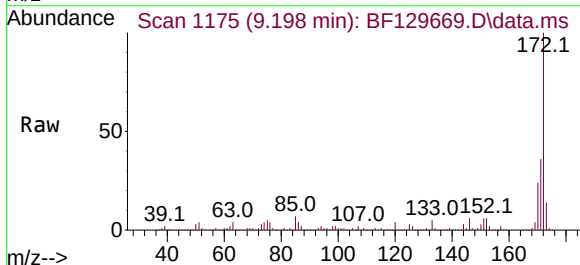
Tgt Ion:172 Resp: 2356354

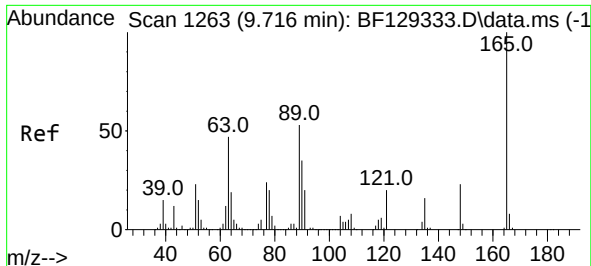
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.9 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 8.410 ng

RT: 9.881 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF129669.D

Acq: 09 Aug 2022 16:30

Instrument :

BNA_F

ClientSampleId :

PB146826TB

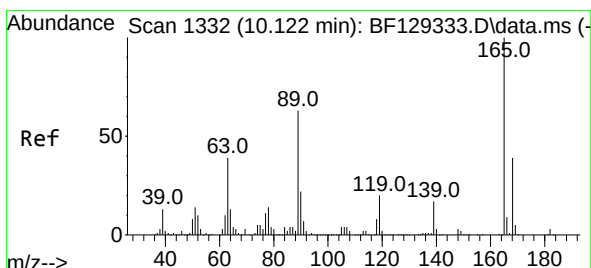
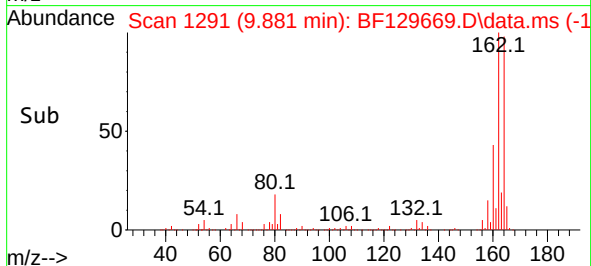
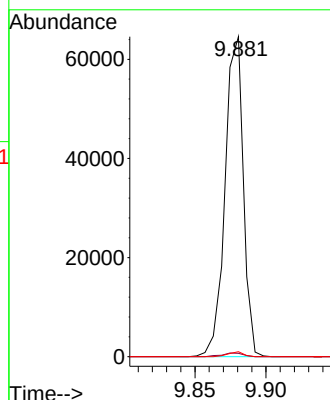
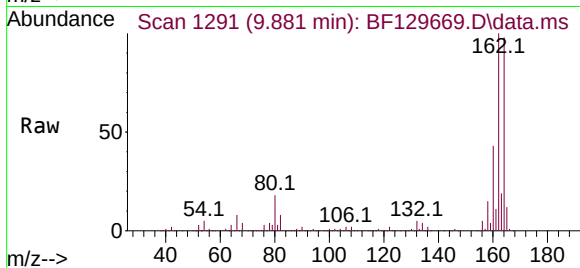
Tgt Ion:165 Resp: 57741

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.6 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.438 ng

RT: 9.881 min Scan# 1291

Delta R.T. -0.206 min

Lab File: BF129669.D

Acq: 09 Aug 2022 16:30

Tgt Ion:165 Resp: 57741

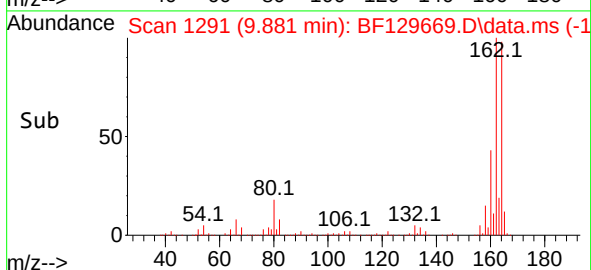
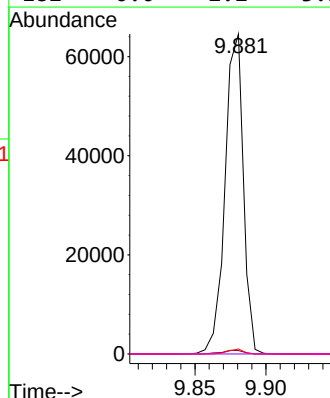
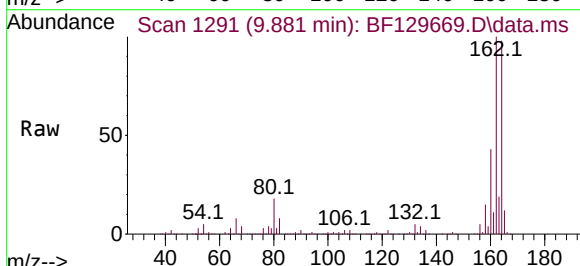
Ion Ratio Lower Upper

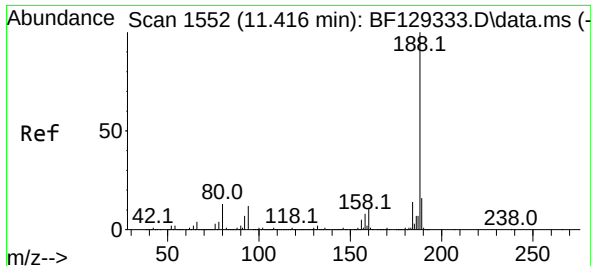
165 100

63 1.0 39.8 59.6#

89 1.6 60.2 90.2#

182 0.0 2.2 3.2#

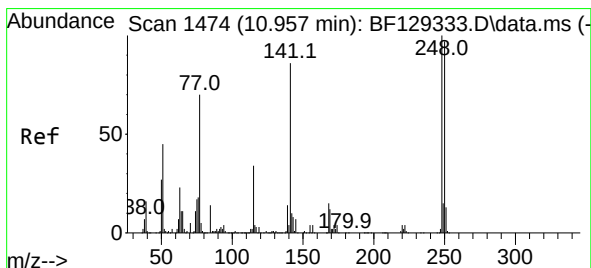
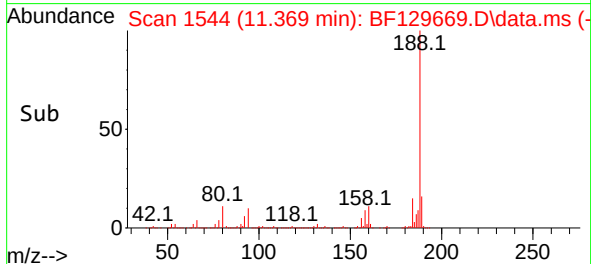
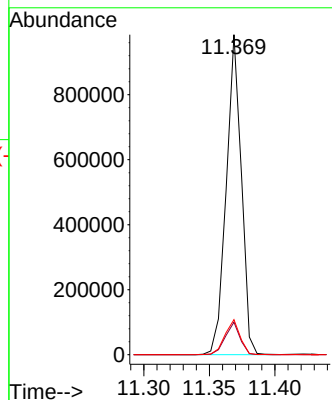
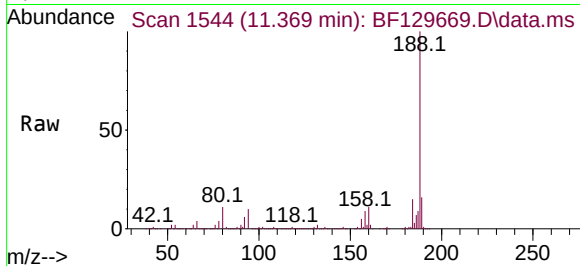




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129669.D
Acq: 09 Aug 2022 16:30

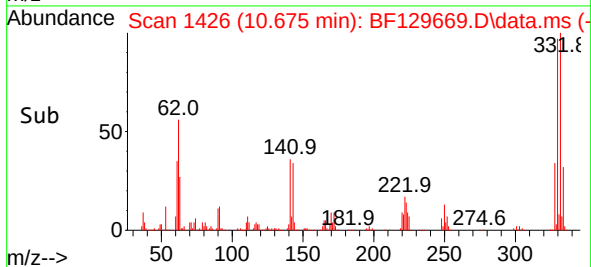
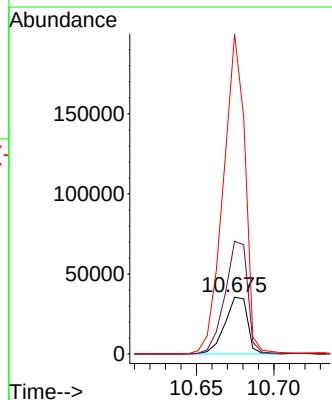
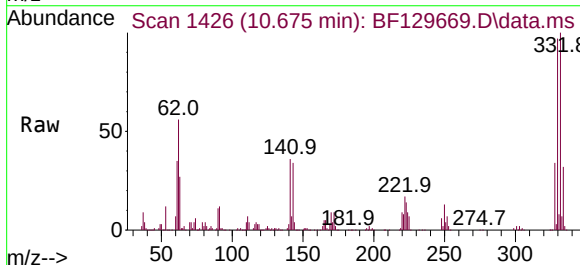
Instrument :
BNA_F
ClientSampleId :
PB146826TB

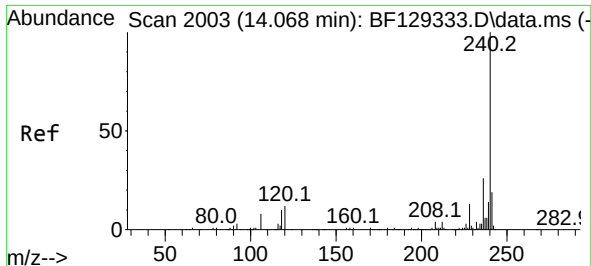
Tgt Ion:188 Resp: 784761
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.9 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 4.201 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF129669.D
Acq: 09 Aug 2022 16:30

Tgt Ion:248 Resp: 36100
Ion Ratio Lower Upper
248 100
250 198.4 80.6 120.8#
141 563.7 58.9 88.3#

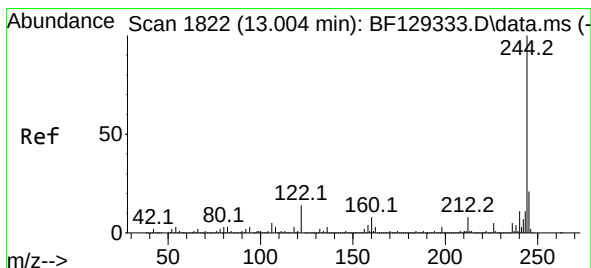
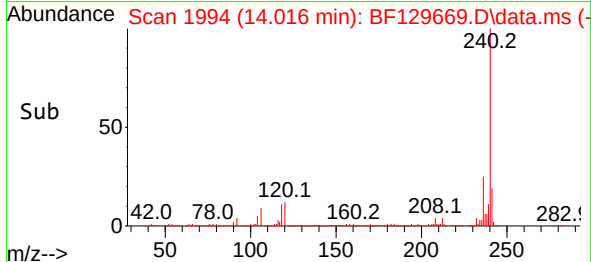
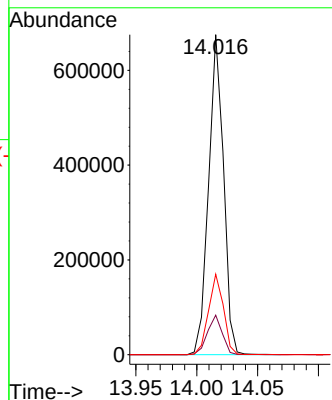
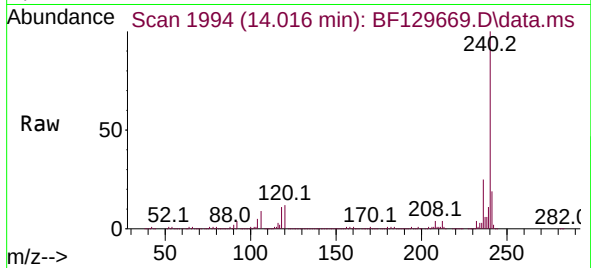




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BF129669.D
Acq: 09 Aug 2022 16:30

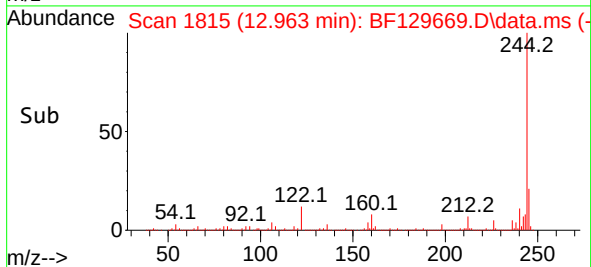
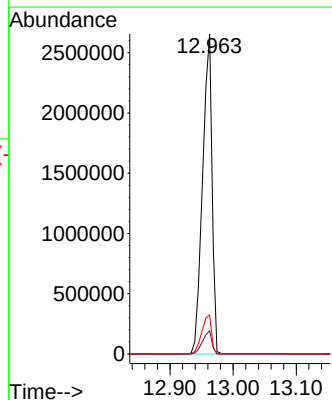
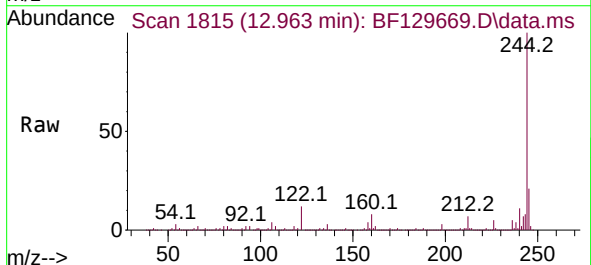
Instrument :
BNA_F
ClientSampleId :
PB146826TB

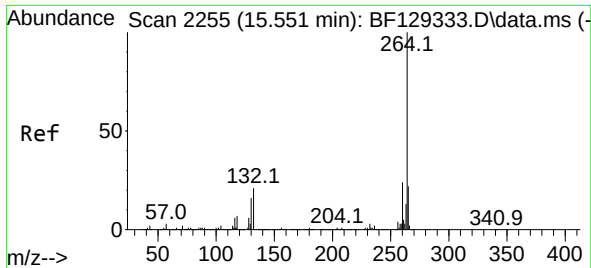
Tgt Ion:240 Resp: 575045
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 25.2 20.8 31.2



#79
Terphenyl-d14
Concen: 90.760 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF129669.D
Acq: 09 Aug 2022 16:30

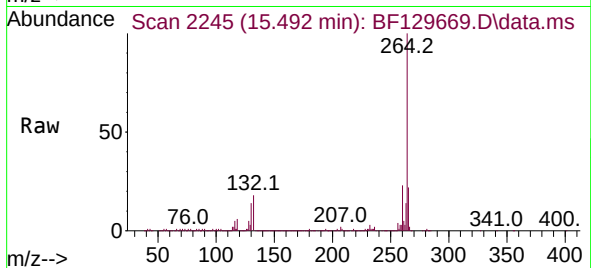
Tgt Ion:244 Resp: 2766452
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 12.2 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF129669.D
Acq: 09 Aug 2022 16:30

Instrument :
BNA_F
ClientSampleId :
PB146826TB



Tgt Ion:264 Resp: 448475

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.4	27.6
265	21.9	17.2	25.8

