

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042823\
 Data File : BF133125.D
 Acq On : 28 Apr 2023 16:47
 Operator : CG\JU
 Sample : PB152433TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152433TB

Quant Time: May 01 03:36:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 01 03:03:04 2023
 Response via : Initial Calibration

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

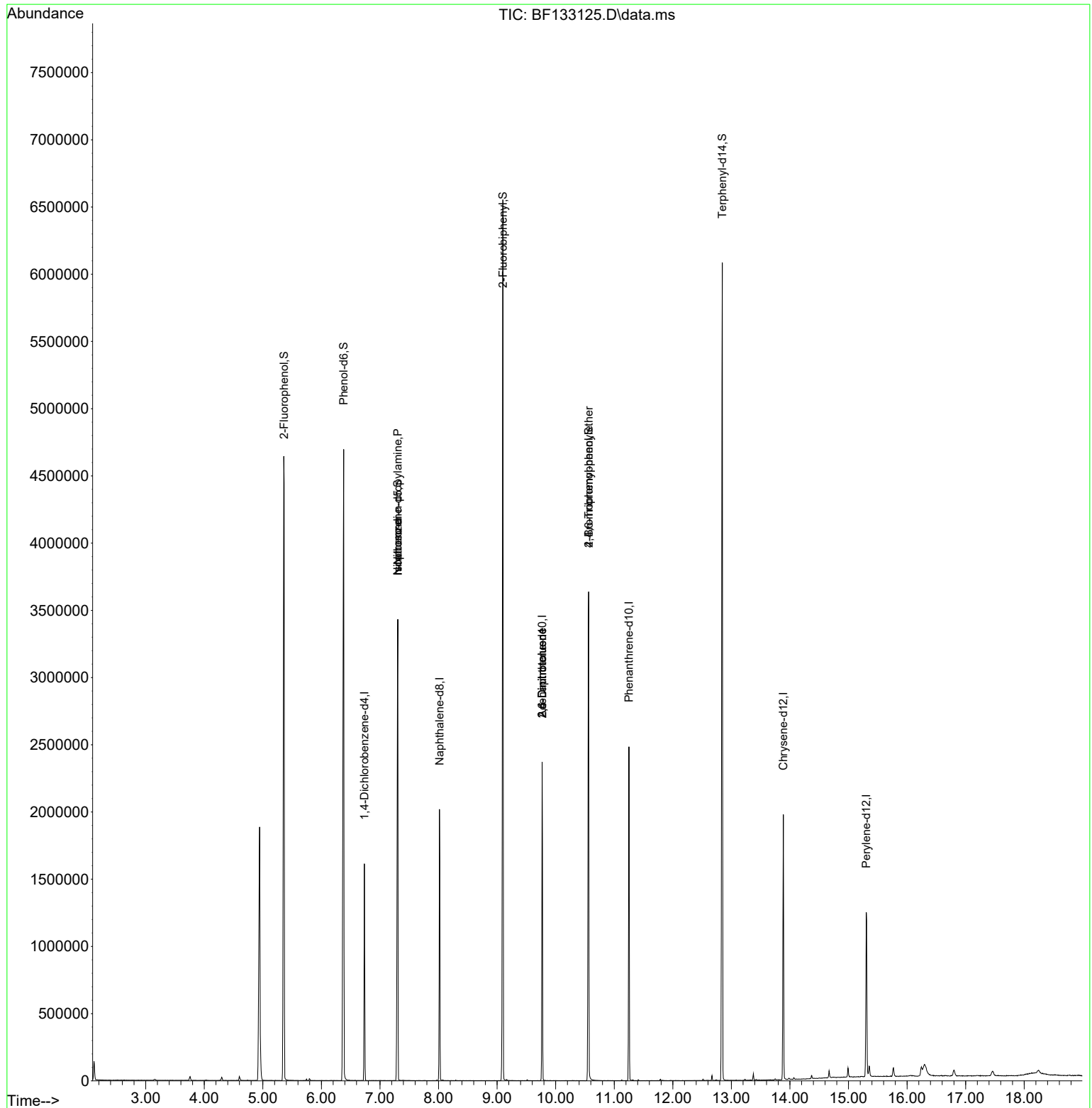
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	206063	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	845279	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	458079	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	832705	20.000	ng	0.00
76) Chrysene-d12	13.886	240	601203	20.000	ng	0.00
86) Perylene-d12	15.304	264	539664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1624078	119.058	ng	0.02
7) Phenol-d6	6.381	99	1942806	114.746	ng	0.00
23) Nitrobenzene-d5	7.304	82	1193212	76.195	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	529989	115.043	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2047555	74.781	ng	0.00
79) Terphenyl-d14	12.845	244	2463863	70.681	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.381	77	2532	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.304	70	158025	14.992	ng	# 74
25) Isophorone	7.304	82	1190303	40.033	ng	# 62
51) 2,6-Dinitrotoluene	9.769	165	57824	8.043	ng	# 24
57) 2,4-Dinitrotoluene	9.769	165	57824	6.307	ng	# 23
67) 4-Bromophenyl-phenylether	10.563	248	32029	3.546	ng	# 1

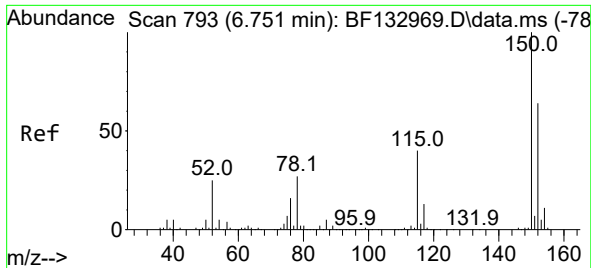
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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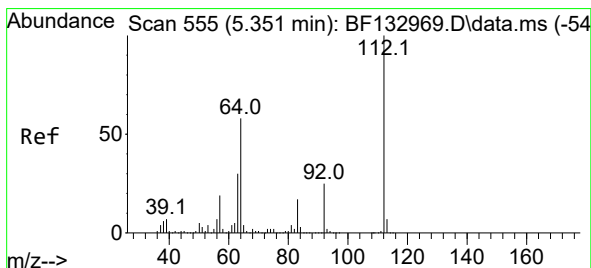
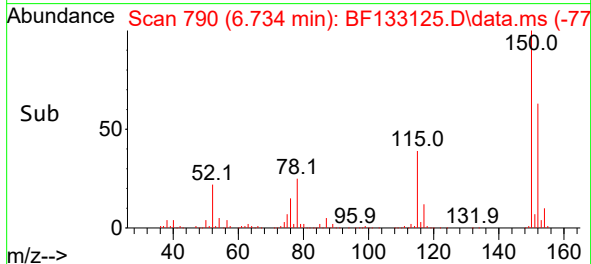
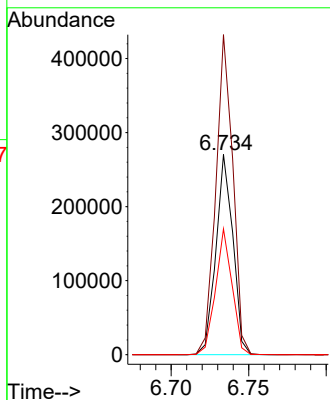
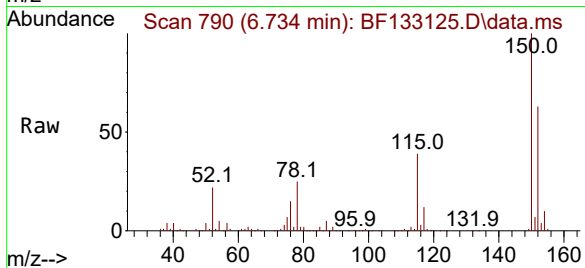




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.005 min
 Lab File: BF133125.D
 Acq: 28 Apr 2023 16:47

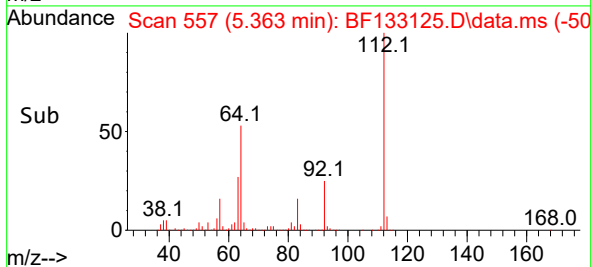
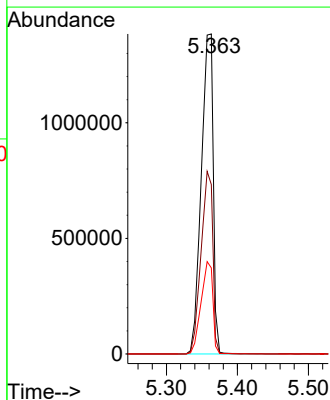
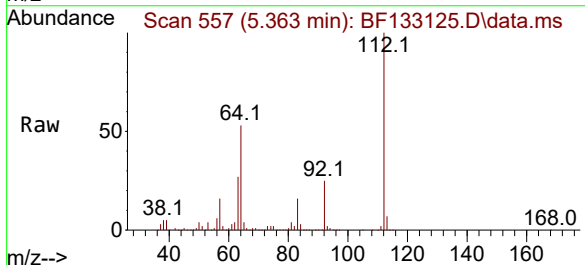
Instrument :
 BNA_F
 ClientSampleId :
 PB152433TB

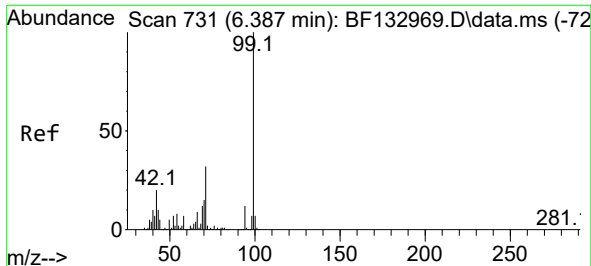
Tgt Ion:152 Resp: 206063
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.8 187.2
 115 62.8 49.9 74.9



#5
 2-Fluorophenol
 Concen: 119.058 ng
 RT: 5.363 min Scan# 557
 Delta R.T. 0.024 min
 Lab File: BF133125.D
 Acq: 28 Apr 2023 16:47

Tgt Ion:112 Resp: 1624078
 Ion Ratio Lower Upper
 112 100
 64 52.9 46.8 70.2
 63 26.9 23.8 35.8

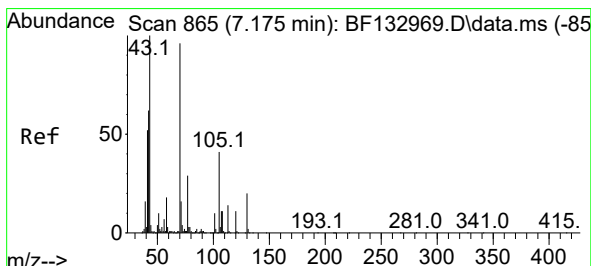
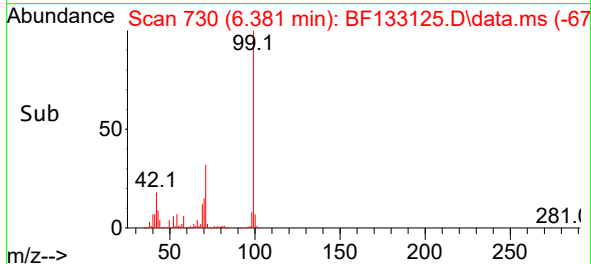
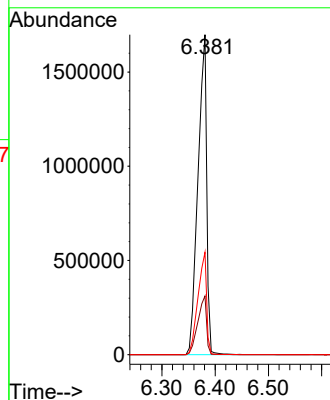
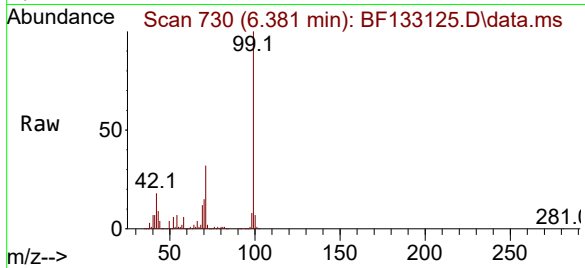




#7
Phenol-d6
Concen: 114.746 ng
RT: 6.381 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133125.D
Acq: 28 Apr 2023 16:47

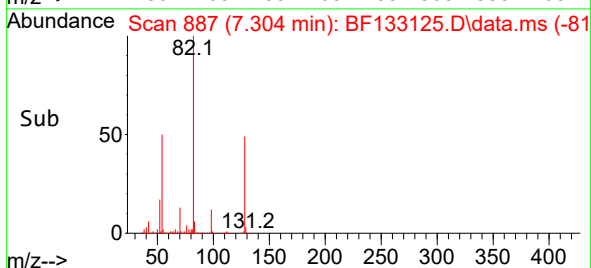
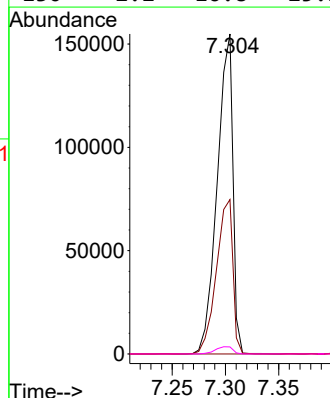
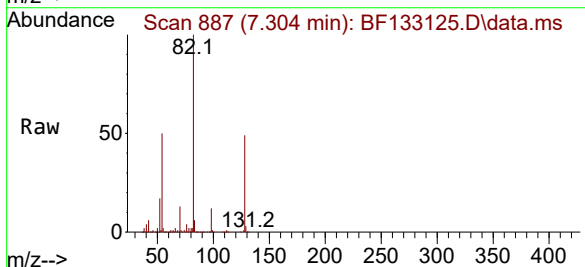
Instrument :
BNA_F
ClientSampleId :
PB152433TB

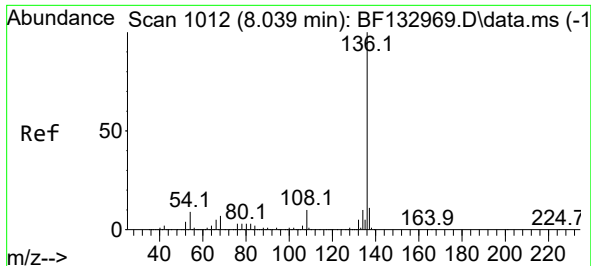
Tgt Ion: 99 Resp: 1942806
Ion Ratio Lower Upper
99 100
42 18.3 16.3 24.5
71 32.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.992 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF133125.D
Acq: 28 Apr 2023 16:47

Tgt Ion: 70 Resp: 158025
Ion Ratio Lower Upper
70 100
42 48.3 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133125.D
Acq: 28 Apr 2023 16:47

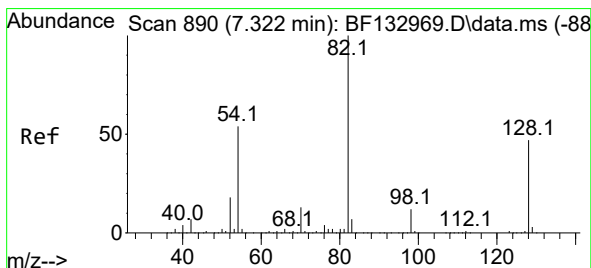
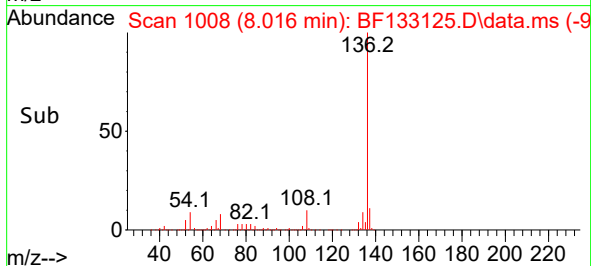
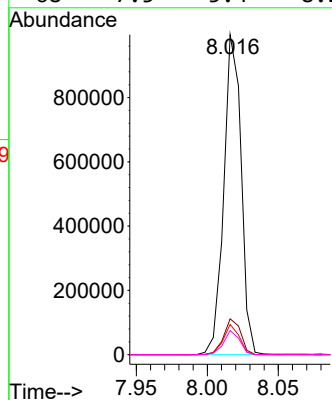
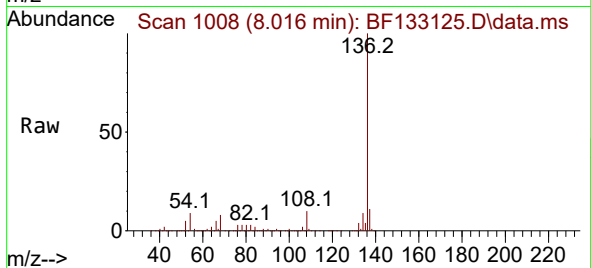
Instrument :

BNA_F

ClientSampleId :

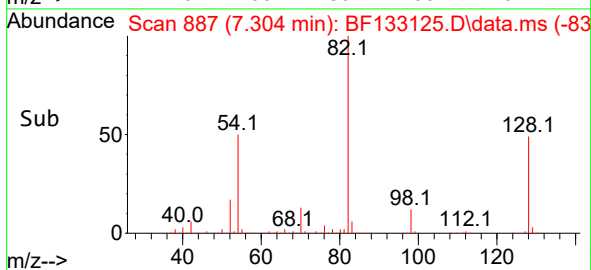
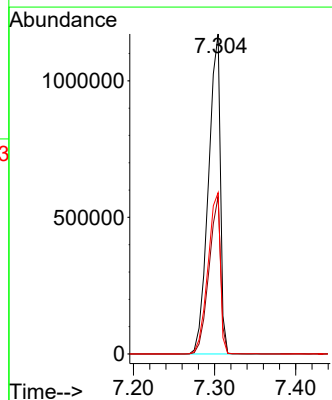
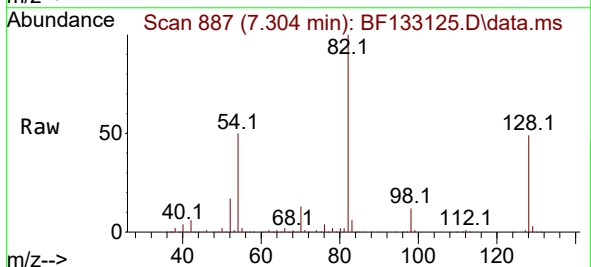
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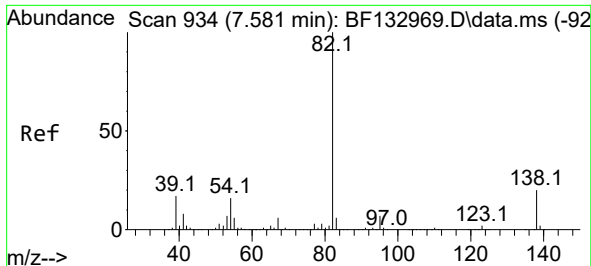
Tgt Ion:136 Resp: 845279
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.5 7.0 10.4
68 7.5 5.4 8.2



#23
Nitrobenzene-d5
Concen: 76.195 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF133125.D
Acq: 28 Apr 2023 16:47

Tgt Ion: 82 Resp: 1193212
Ion Ratio Lower Upper
82 100
128 49.2 37.7 56.5
54 50.4 43.0 64.4

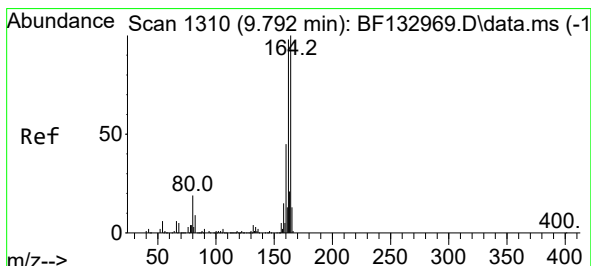
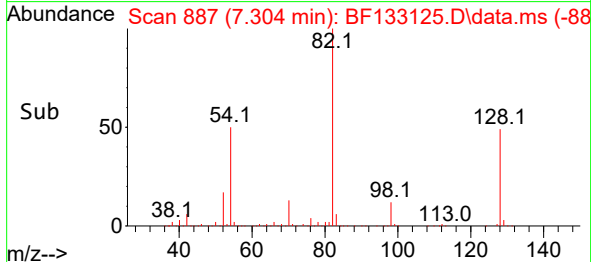
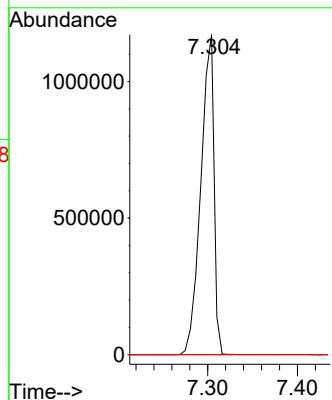
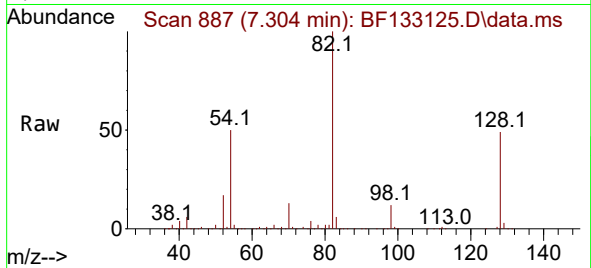




#25
Isophorone
Concen: 40.033 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133125.D
Acq: 28 Apr 2023 16:47

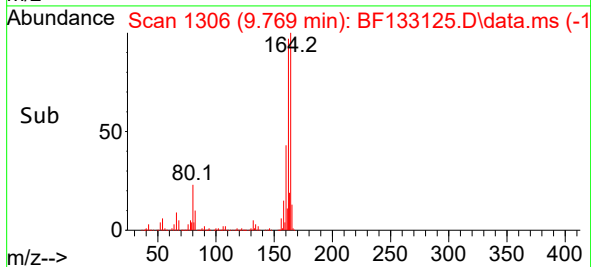
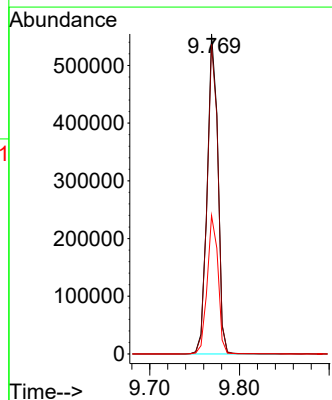
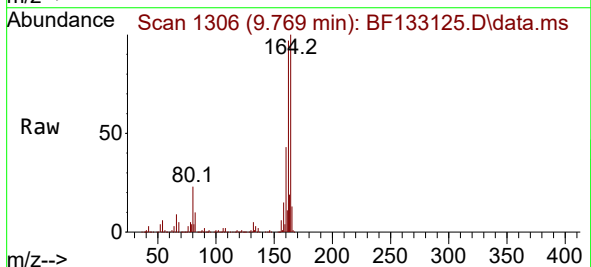
Instrument :
BNA_F
ClientSampleId :
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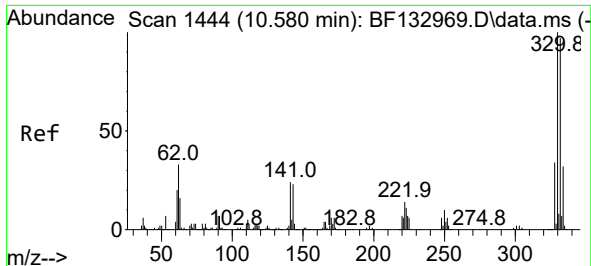
Tgt Ion: 82 Resp: 1190303
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133125.D
Acq: 28 Apr 2023 16:47

Tgt Ion:164 Resp: 458079
Ion Ratio Lower Upper
164 100
162 96.7 78.7 118.1
160 43.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 115.043 ng

RT: 10.563 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF133125.D

Acq: 28 Apr 2023 16:47

Instrument :

BNA_F

ClientSampleId :

PB152433TB

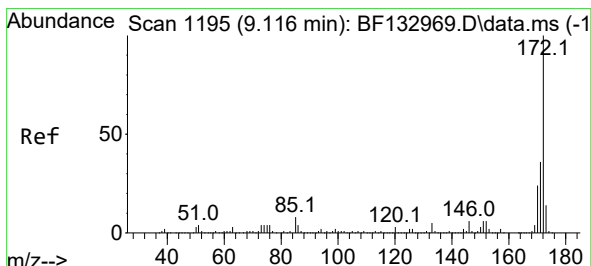
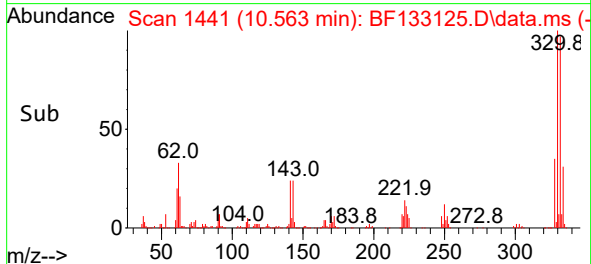
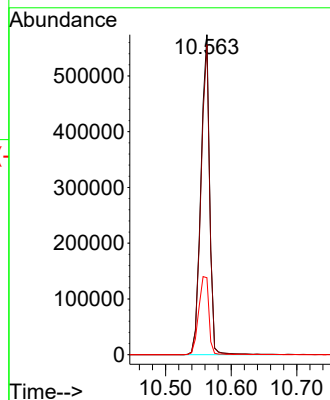
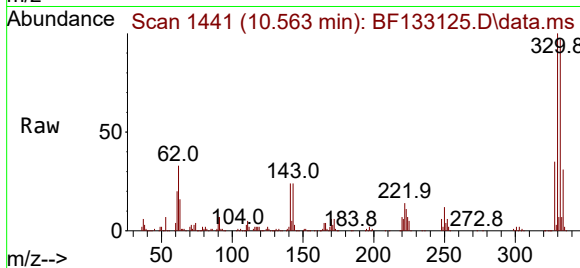
Tgt Ion:330 Resp: 529989

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 28.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 74.781 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133125.D

Acq: 28 Apr 2023 16:47

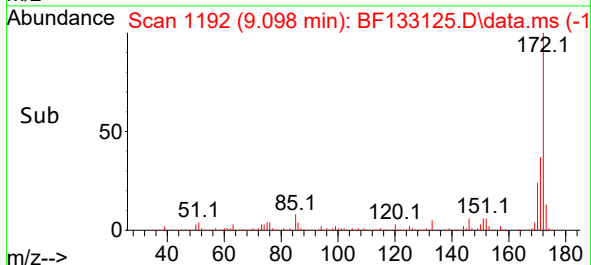
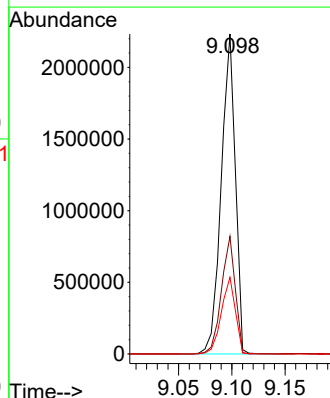
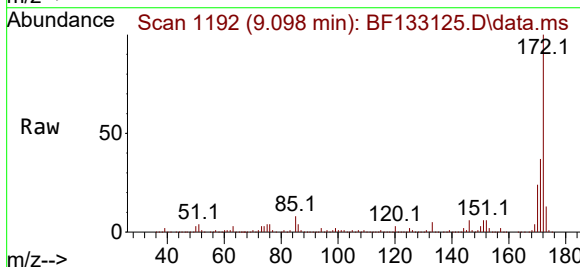
Tgt Ion:172 Resp: 2047555

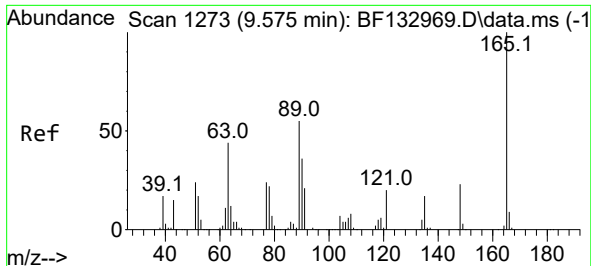
Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 23.9 19.4 29.2

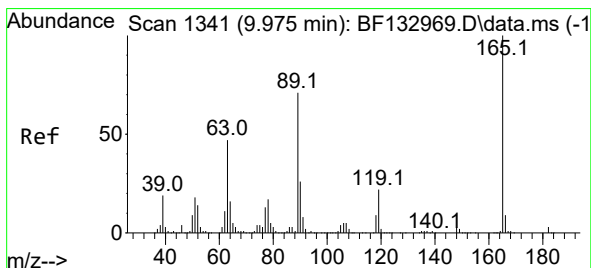
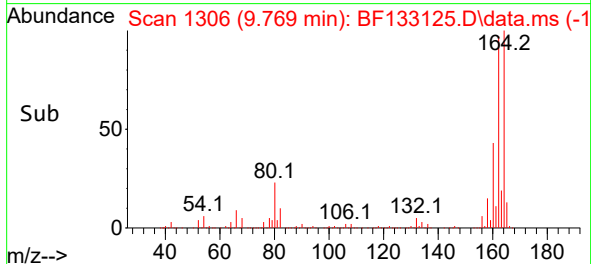
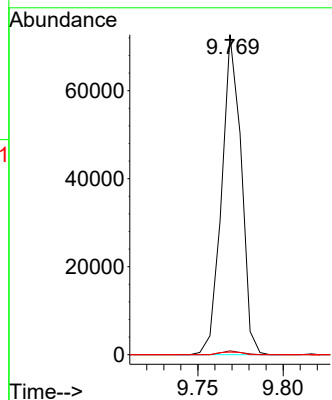
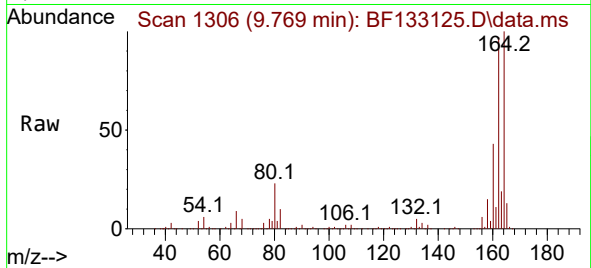




#51
2,6-Dinitrotoluene
Concen: 8.043 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133125.D
Acq: 28 Apr 2023 16:47

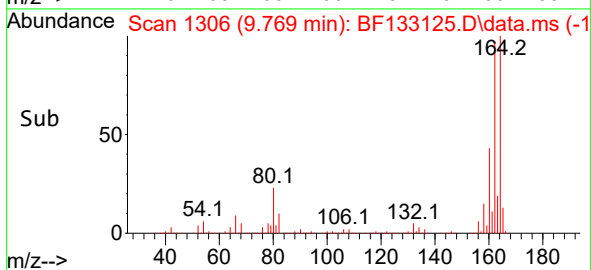
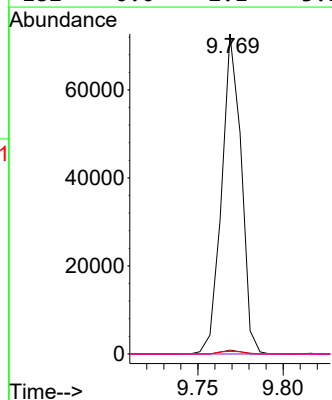
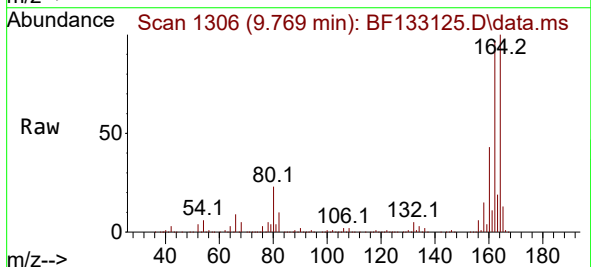
Instrument :
BNA_F
ClientSampleId :
PB152433TB

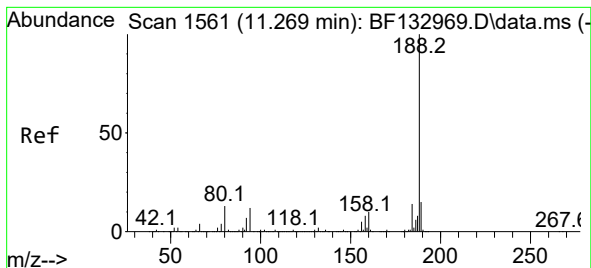
Tgt Ion:165 Resp: 57824
Ion Ratio Lower Upper
165 100
63 1.2 45.9 68.9#
89 0.8 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.307 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF133125.D
Acq: 28 Apr 2023 16:47

Tgt Ion:165 Resp: 57824
Ion Ratio Lower Upper
165 100
63 1.2 37.7 56.5#
89 0.8 57.0 85.4#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133125.D

Acq: 28 Apr 2023 16:47

Instrument :

BNA_F

ClientSampleId :

PB152433TB

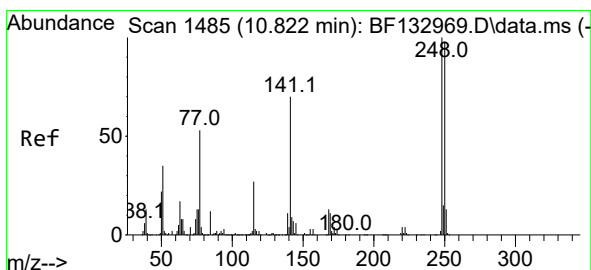
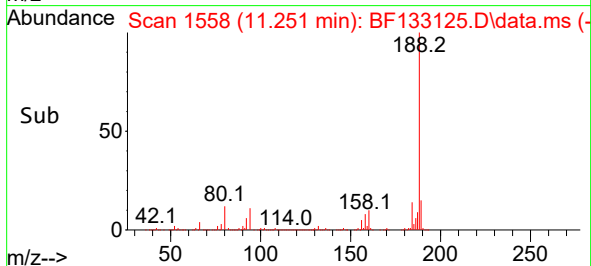
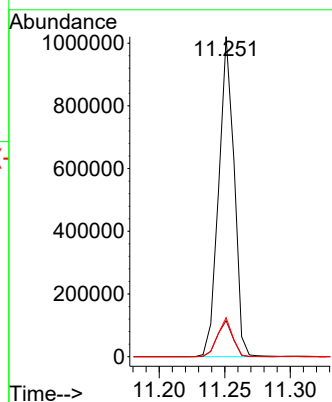
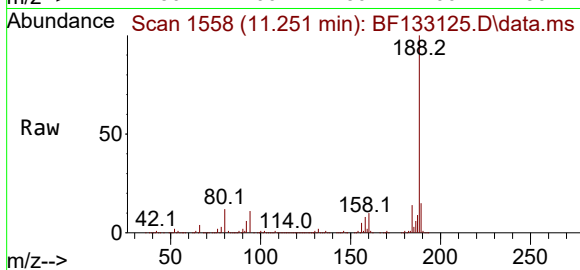
Tgt Ion:188 Resp: 832705

Ion Ratio Lower Upper

188 100

94 11.3 9.7 14.5

80 12.2 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 3.546 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.241 min

Lab File: BF133125.D

Acq: 28 Apr 2023 16:47

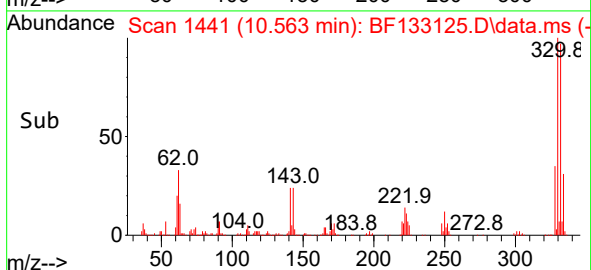
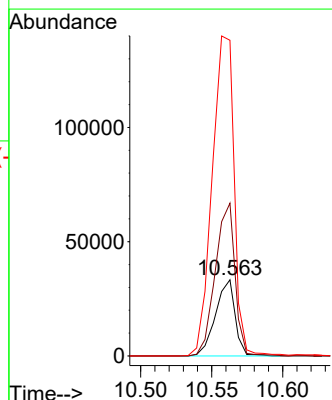
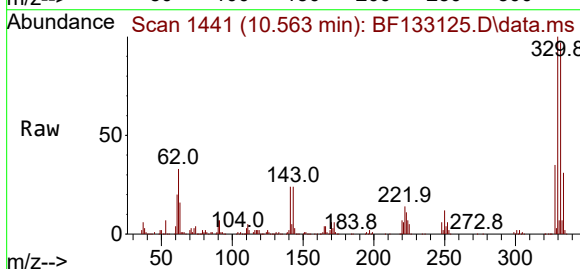
Tgt Ion:248 Resp: 32029

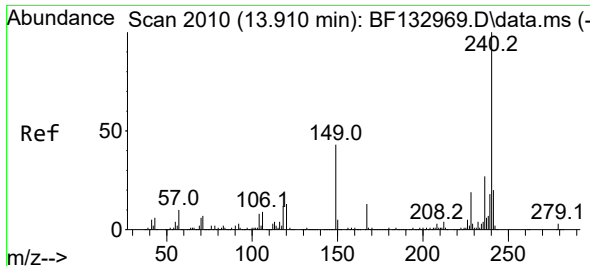
Ion Ratio Lower Upper

248 100

250 200.7 78.7 118.1#

141 414.4 56.3 84.5#

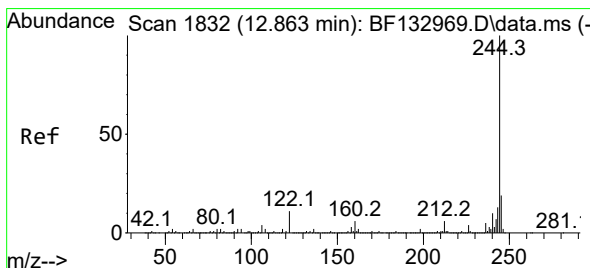
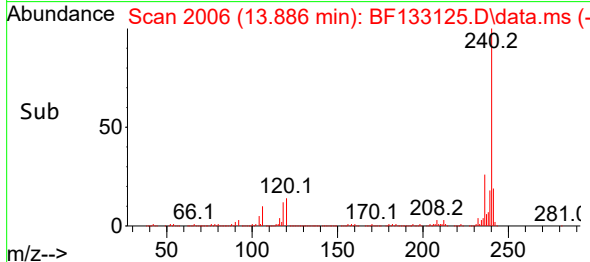
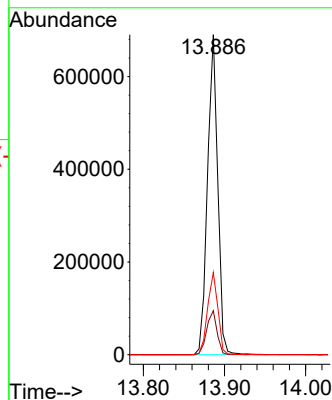
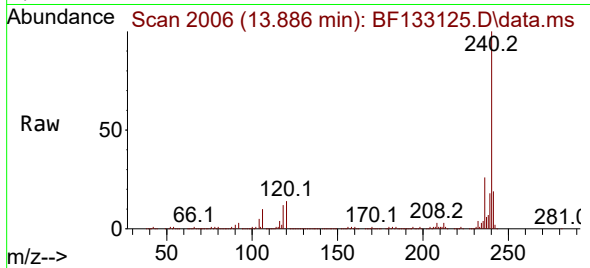




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF133125.D
Acq: 28 Apr 2023 16:47

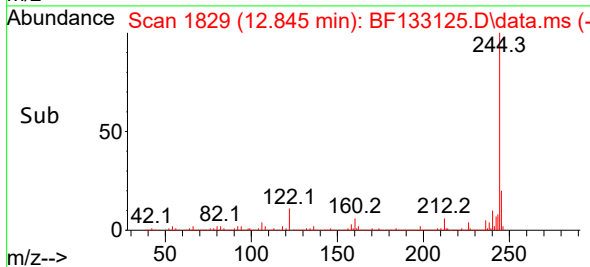
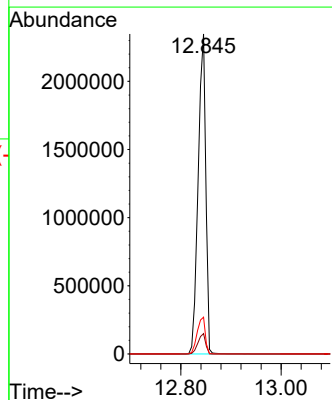
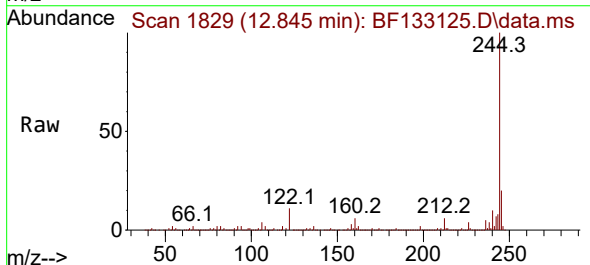
Instrument :
BNA_F
ClientSampleId :
PB152433TB

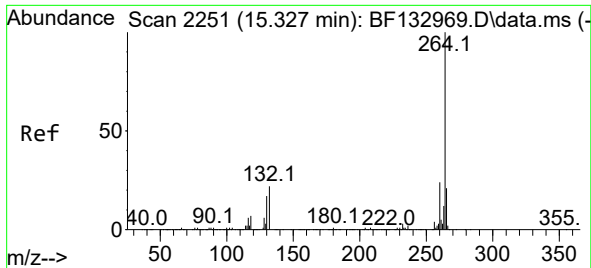
Tgt Ion:240 Resp: 601203
Ion Ratio Lower Upper
240 100
120 13.7 10.5 15.7
236 25.7 21.5 32.3



#79
Terphenyl-d14
Concen: 70.681 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.006 min
Lab File: BF133125.D
Acq: 28 Apr 2023 16:47

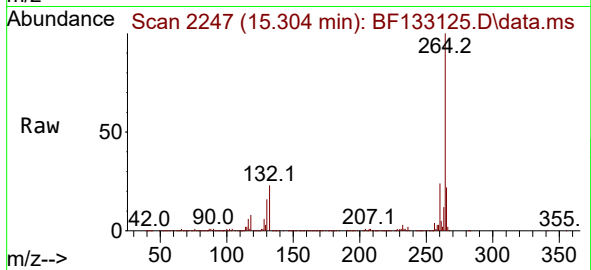
Tgt Ion:244 Resp: 2463863
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 11.5 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133125.D
Acq: 28 Apr 2023 16:47

Instrument :
BNA_F
ClientSampleId :
PB152433TB



Tgt Ion:264 Resp: 539664

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.8	28.2
265	21.9	17.0	25.4

