

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
 Data File : BF129536.D
 Acq On : 03 Aug 2022 12:41
 Operator : CG\JU
 Sample : N3998-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1

Quant Time: Aug 03 16:36:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 02 01:11:25 2022
 Response via : Initial Calibration

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

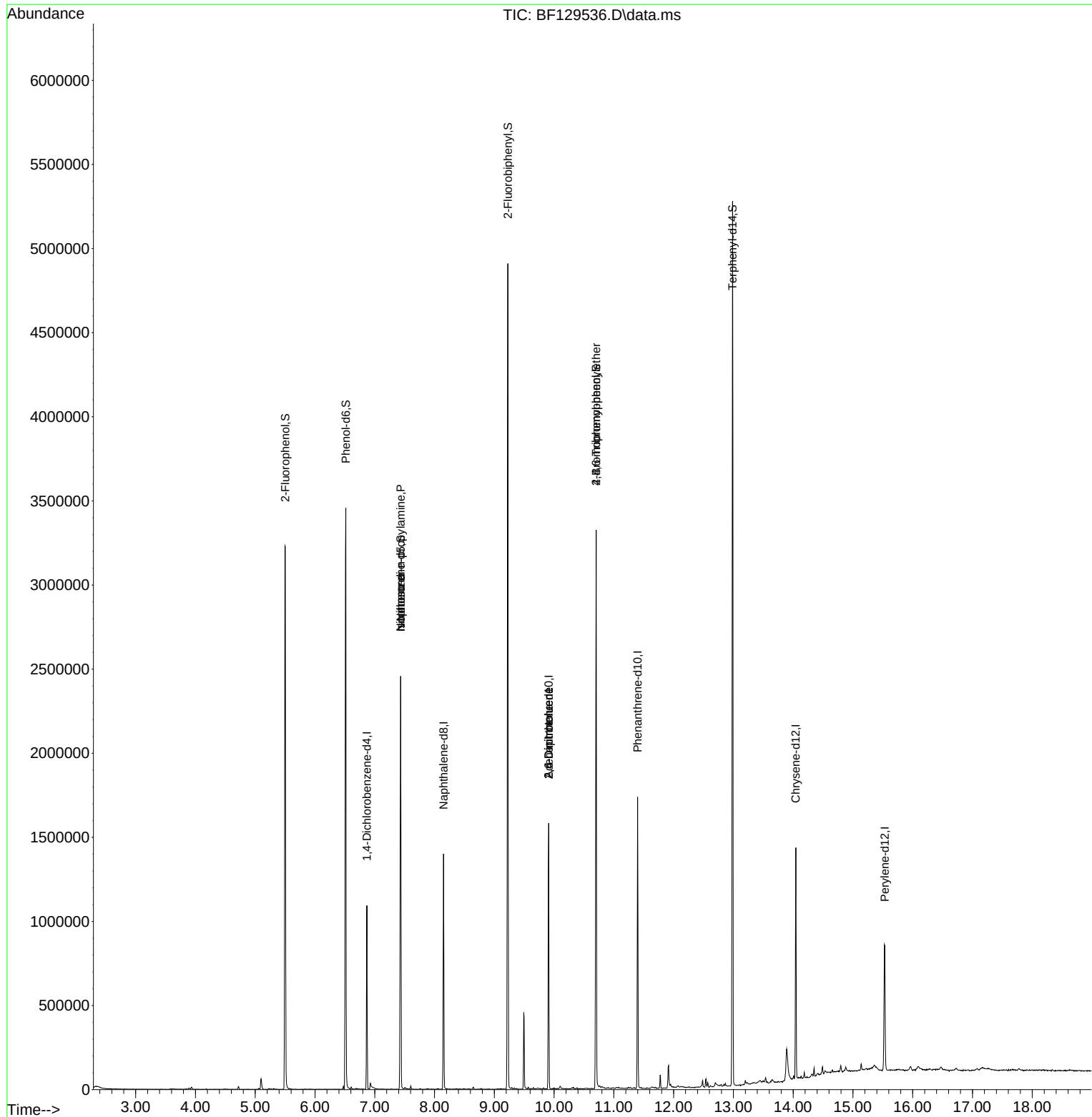
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	140312	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	564469	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	312649	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	561236	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	424837	20.000	ng	0.00
86) Perylene-d12	15.533	264	341309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	925568	107.457	ng	0.00
7) Phenol-d6	6.516	99	1202425	111.063	ng	0.00
23) Nitrobenzene-d5	7.434	82	757600	73.266	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	364443	121.243	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1437788	71.140	ng	0.00
79) Terphenyl-d14	12.986	244	1813537	80.534	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	100634	15.354	ng	# 71
25) Isophorone	7.434	82	757589	40.873	ng	# 65
51) 2,6-Dinitrotoluene	9.910	165	39522	8.181	ng	# 25
57) 2,4-Dinitrotoluene	9.910	165	39522	6.263	ng	# 21
67) 4-Bromophenyl-phenylether	10.704	248	23090	3.757	ng	# 1

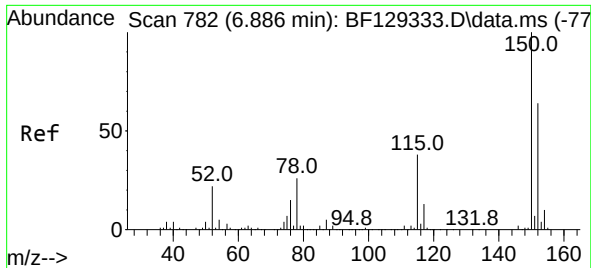
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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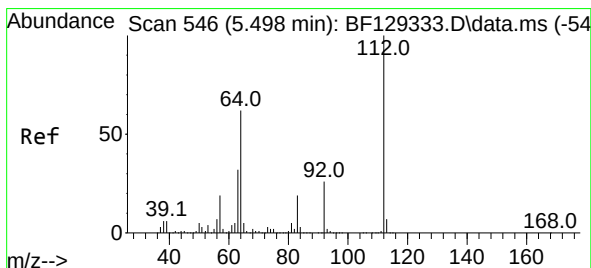
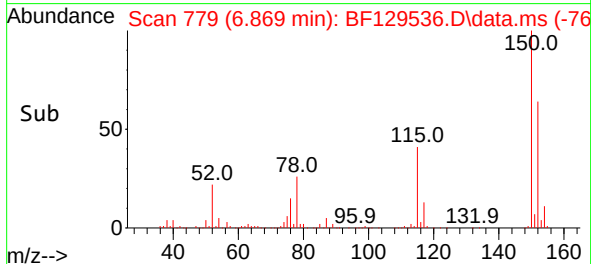
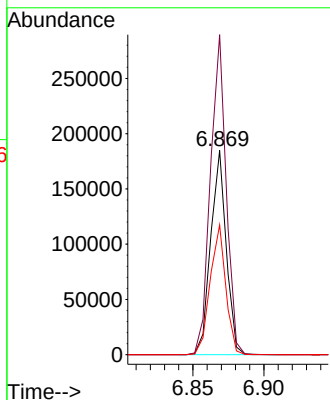
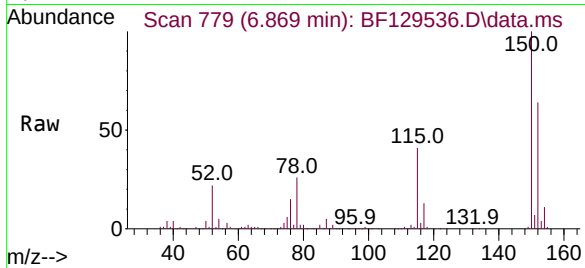




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129536.D
 Acq: 03 Aug 2022 12:41

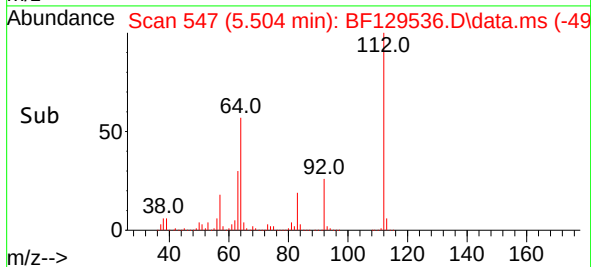
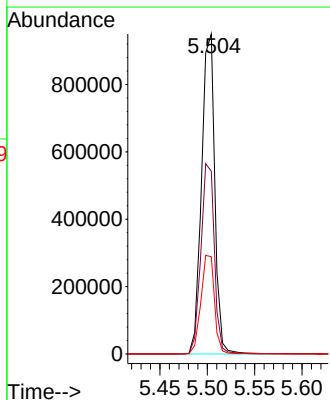
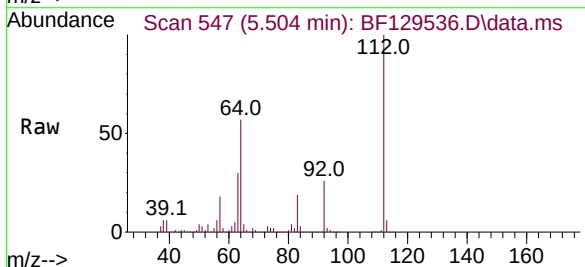
Instrument :
 BNA_F
 ClientSampleId :
 SB-1

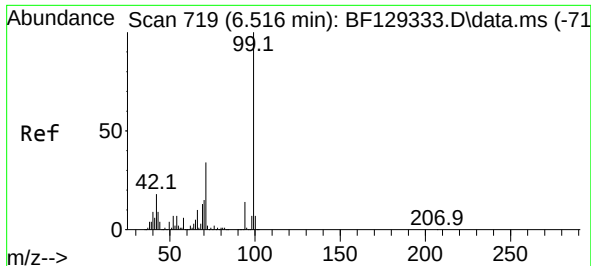
Tgt Ion:152 Resp: 140312
 Ion Ratio Lower Upper
 152 100
 150 156.6 123.7 185.5
 115 63.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 107.457 ng
 RT: 5.504 min Scan# 547
 Delta R.T. -0.000 min
 Lab File: BF129536.D
 Acq: 03 Aug 2022 12:41

Tgt Ion:112 Resp: 925568
 Ion Ratio Lower Upper
 112 100
 64 57.1 53.3 79.9
 63 30.4 28.0 42.0

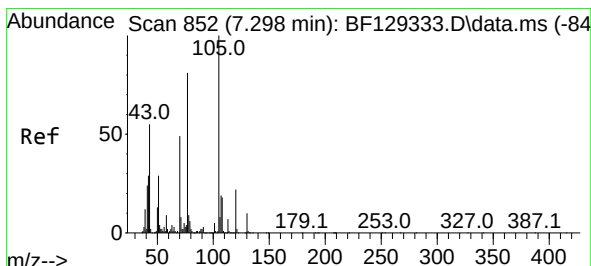
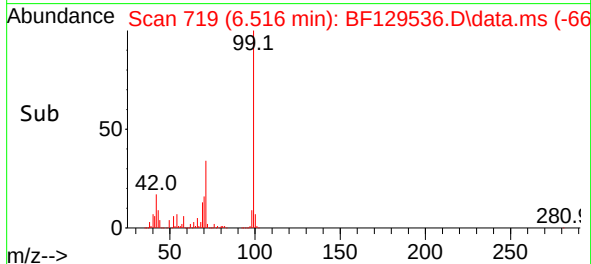
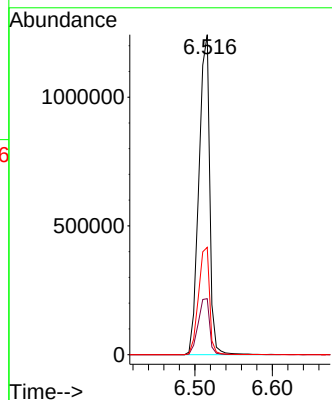
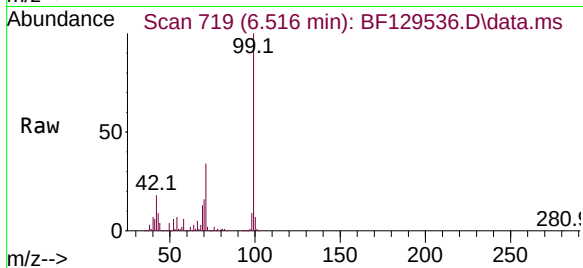




#7
Phenol-d6
Concen: 111.063 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129536.D
Acq: 03 Aug 2022 12:41

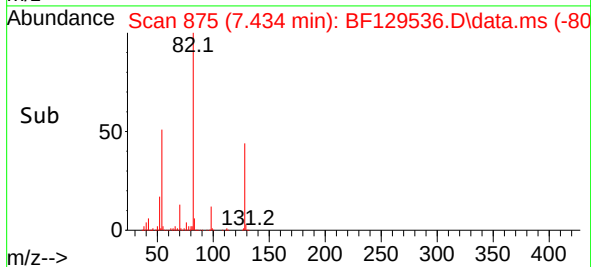
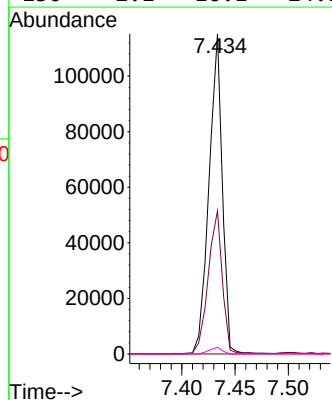
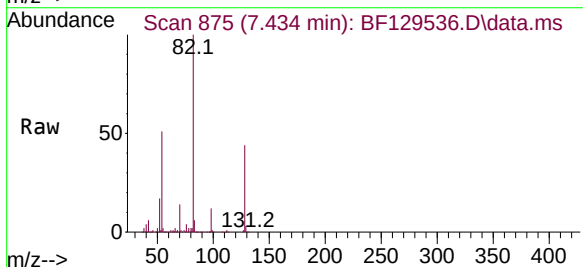
Instrument :
BNA_F
ClientSampleId :
SB-1

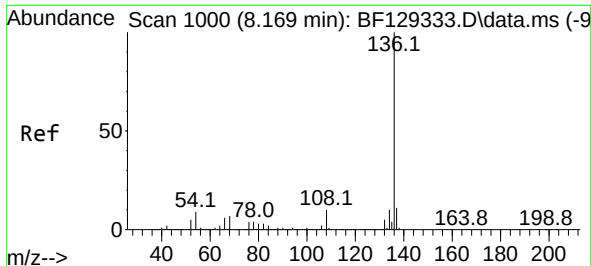
Tgt Ion: 99 Resp: 1202425
Ion Ratio Lower Upper
99 100
42 17.5 17.3 25.9
71 33.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.354 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.141 min
Lab File: BF129536.D
Acq: 03 Aug 2022 12:41

Tgt Ion: 70 Resp: 100634
Ion Ratio Lower Upper
70 100
42 44.7 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#



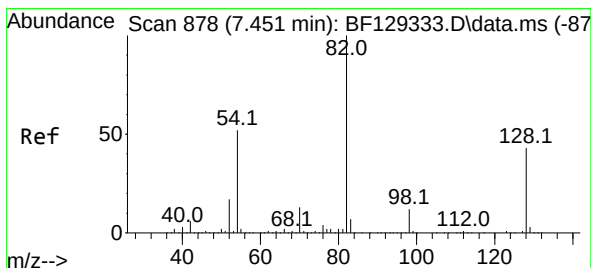
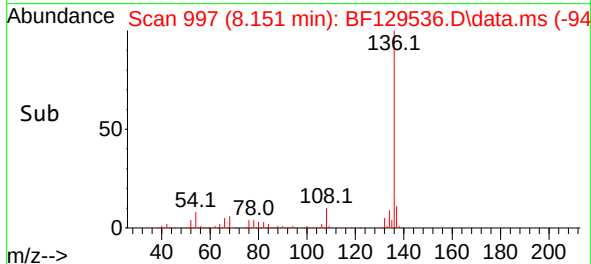
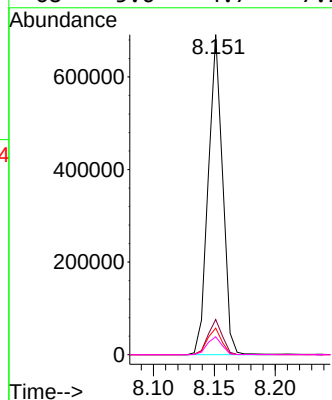
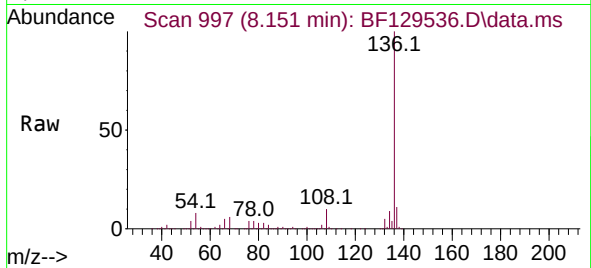


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF129536.D
Acq: 03 Aug 2022 12:41

Instrument :
BNA_F
ClientSampleId :
SB-1

Tgt Ion:136 Resp: 564469

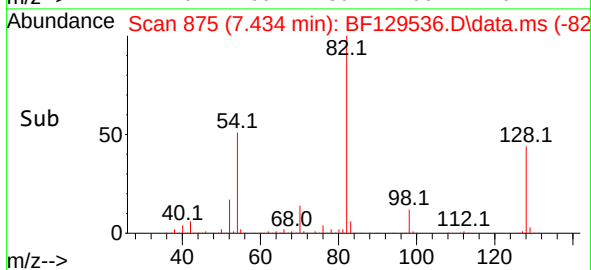
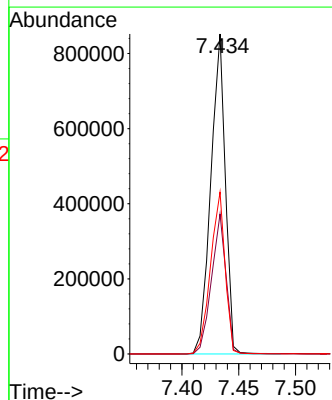
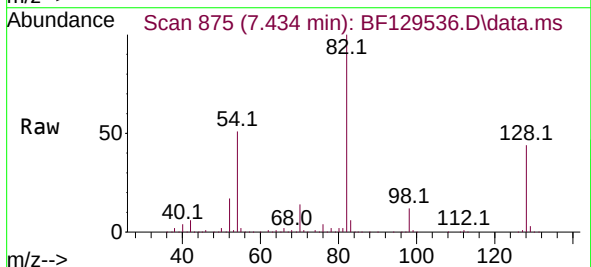
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	7.5	11.3
68	5.6	4.7	7.1

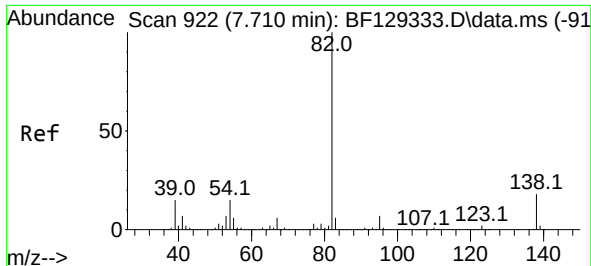


#23
Nitrobenzene-d5
Concen: 73.266 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF129536.D
Acq: 03 Aug 2022 12:41

Tgt Ion: 82 Resp: 757600

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.0	51.0
54	50.6	46.9	70.3

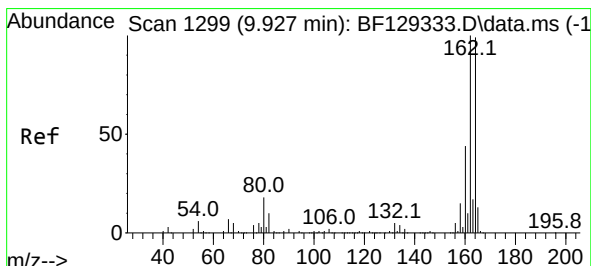
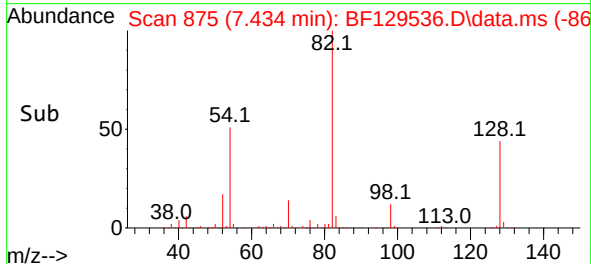
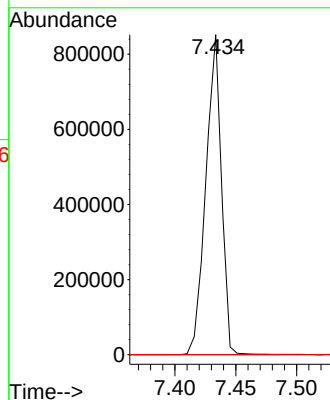
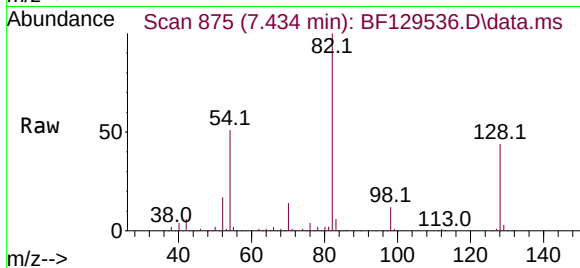




#25
Isophorone
Concen: 40.873 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129536.D
Acq: 03 Aug 2022 12:41

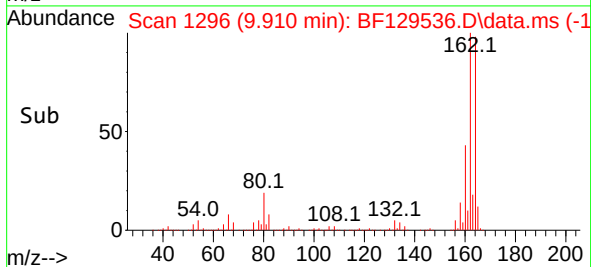
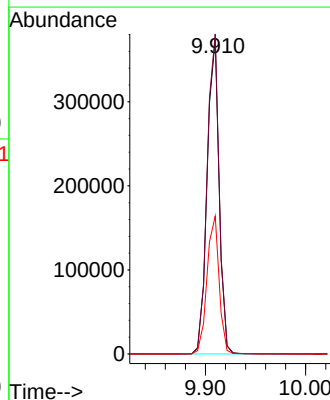
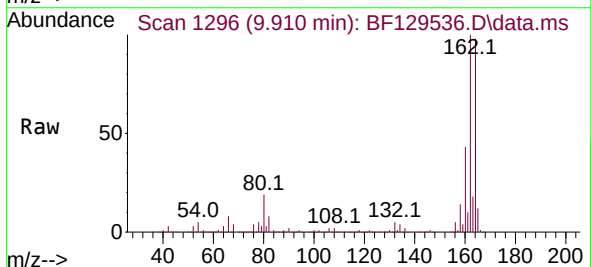
Instrument :
BNA_F
ClientSampleId :
SB-1

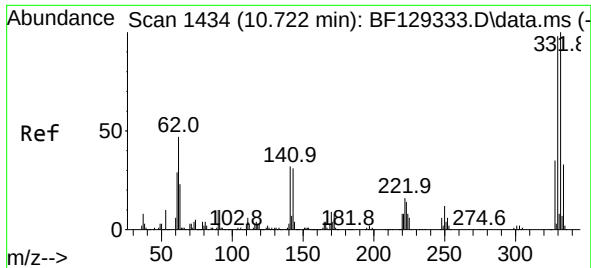
Tgt Ion: 82 Resp: 757589
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF129536.D
Acq: 03 Aug 2022 12:41

Tgt Ion:164 Resp: 312649
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 43.8 34.2 51.4

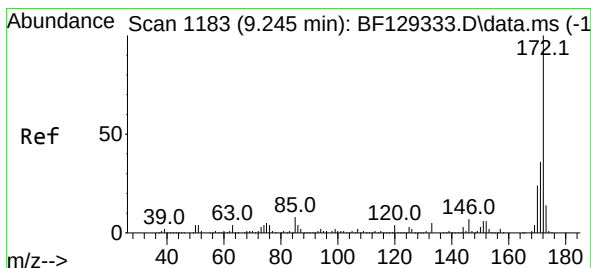
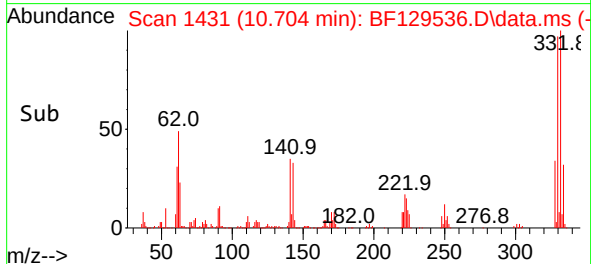
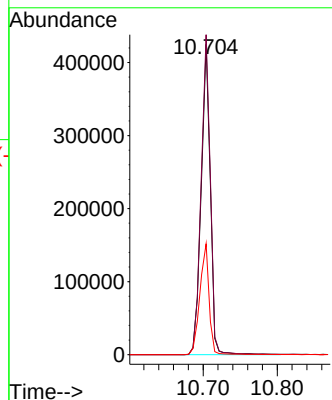
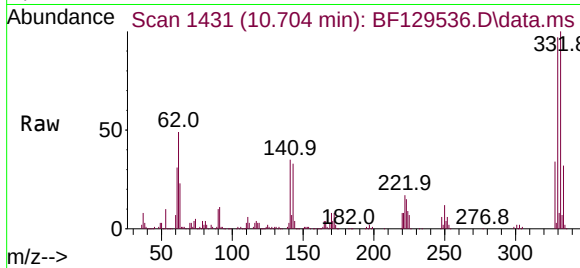




#42
2,4,6-Tribromophenol
Concen: 121.243 ng
RT: 10.704 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF129536.D
Acq: 03 Aug 2022 12:41

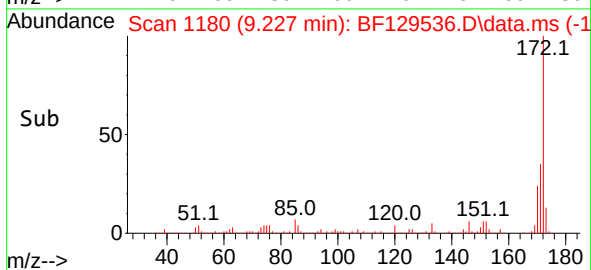
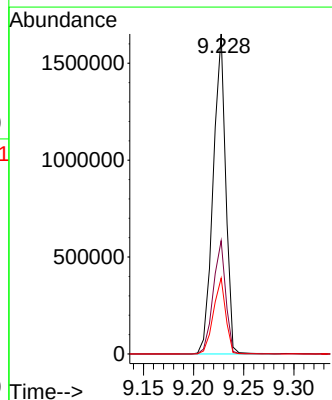
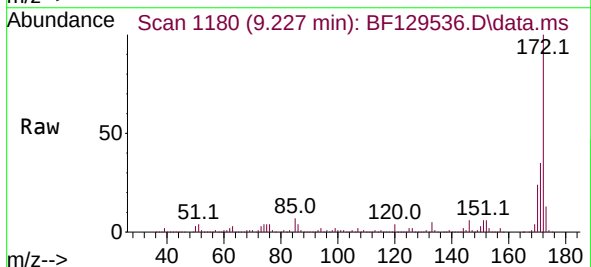
Instrument :
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ClientSampleId :
SB-1

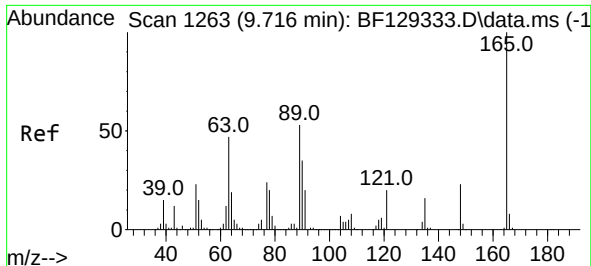
Tgt Ion:330 Resp: 364443
Ion Ratio Lower Upper
330 100
332 104.1 76.8 115.2
141 36.2 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 71.140 ng
RT: 9.227 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF129536.D
Acq: 03 Aug 2022 12:41

Tgt Ion:172 Resp: 1437788
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.7 19.8 29.8

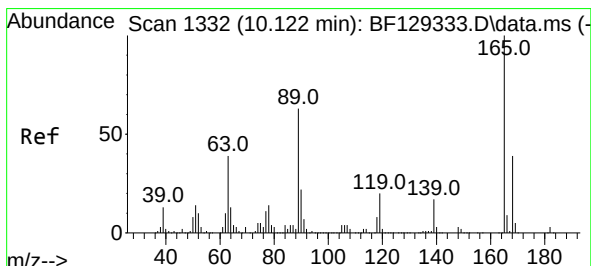
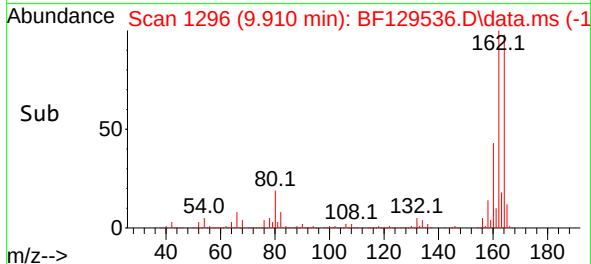
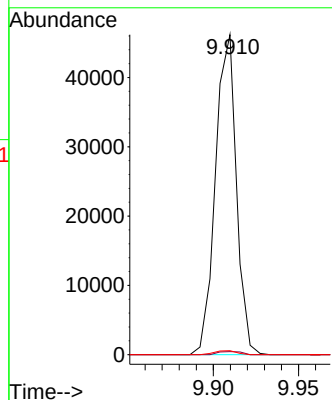
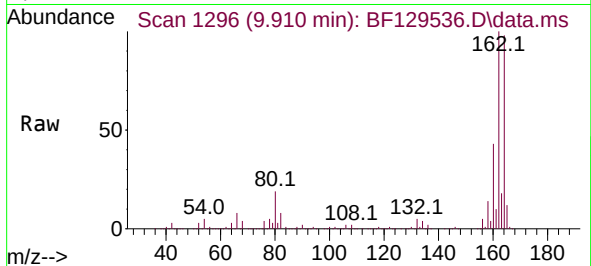




#51
2,6-Dinitrotoluene
Concen: 8.181 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.206 min
Lab File: BF129536.D
Acq: 03 Aug 2022 12:41

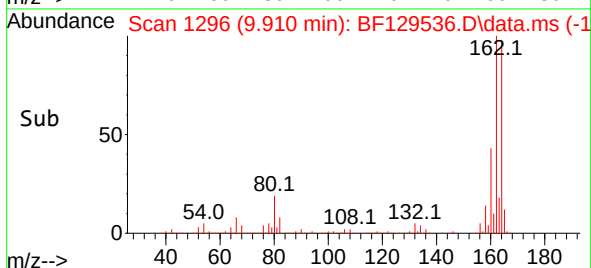
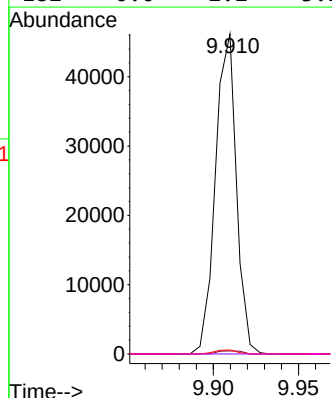
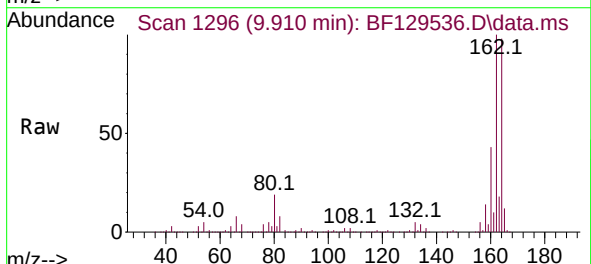
Instrument :
BNA_F
ClientSampleId :
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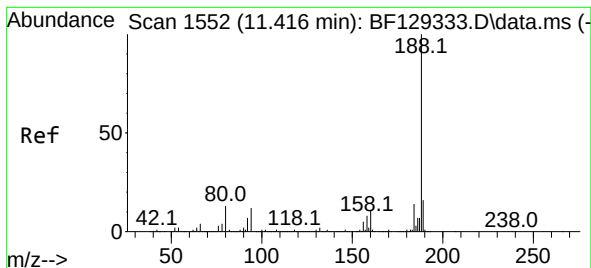
Tgt Ion:165 Resp: 39522
Ion Ratio Lower Upper
165 100
63 0.9 44.9 67.3#
89 1.2 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.263 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.200 min
Lab File: BF129536.D
Acq: 03 Aug 2022 12:41

Tgt Ion:165 Resp: 39522
Ion Ratio Lower Upper
165 100
63 0.9 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129536.D

Acq: 03 Aug 2022 12:41

Instrument :

BNA_F

ClientSampleId :

SB-1

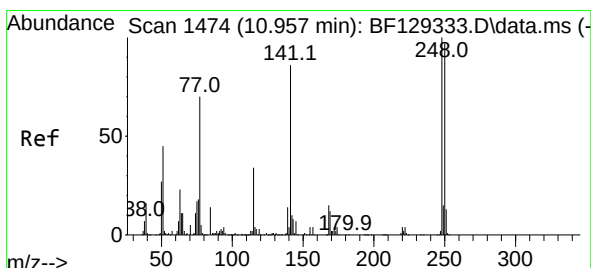
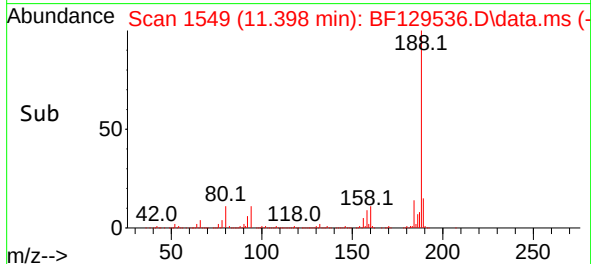
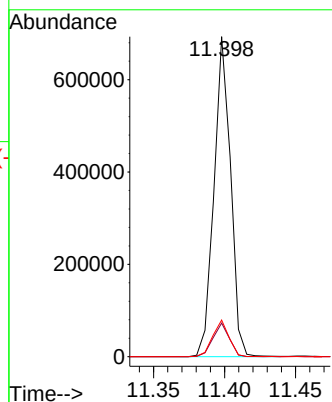
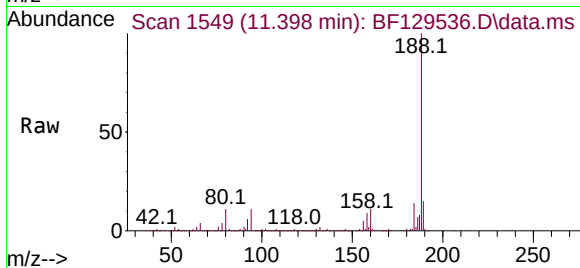
Tgt Ion:188 Resp: 561236

Ion Ratio Lower Upper

188 100

94 10.5 7.0 10.6

80 11.4 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 3.757 ng

RT: 10.704 min Scan# 1431

Delta R.T. -0.241 min

Lab File: BF129536.D

Acq: 03 Aug 2022 12:41

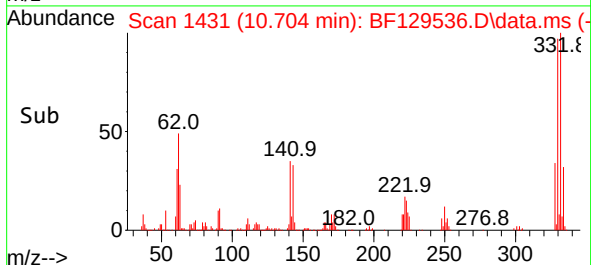
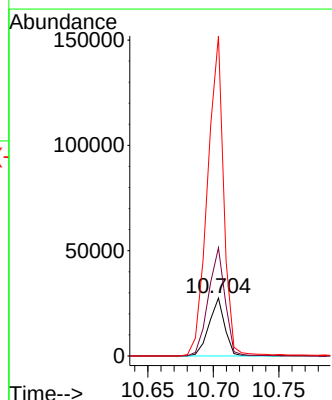
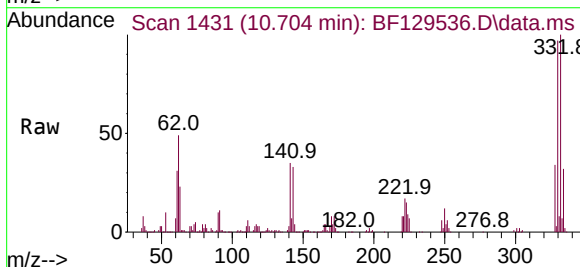
Tgt Ion:248 Resp: 23090

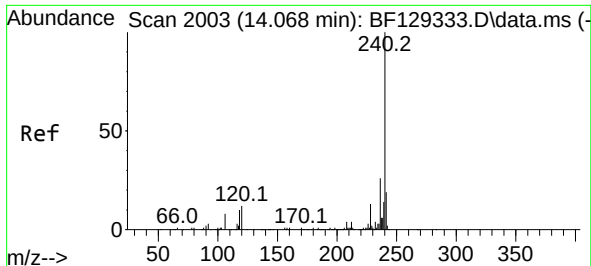
Ion Ratio Lower Upper

248 100

250 186.7 80.6 120.8#

141 552.3 58.9 88.3#

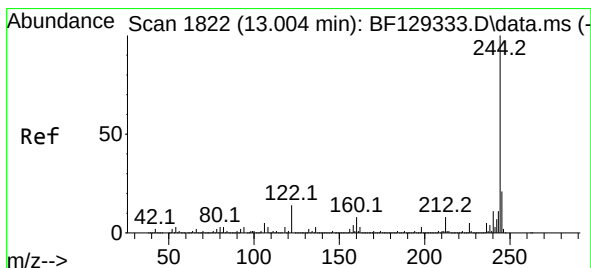
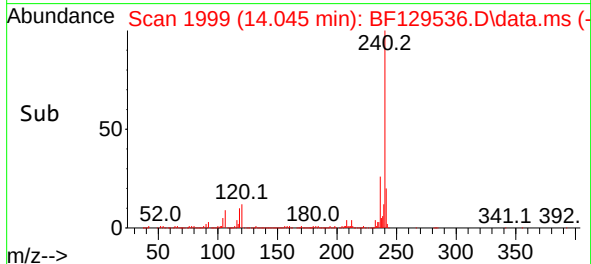
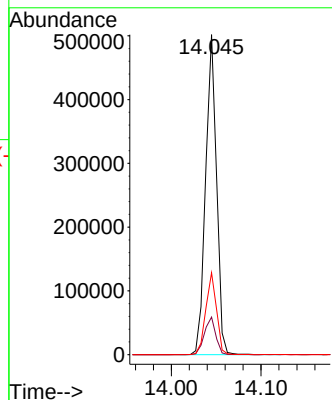
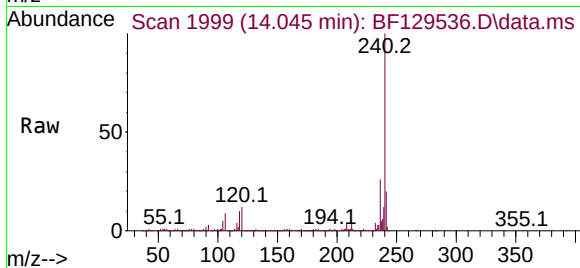




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF129536.D
Acq: 03 Aug 2022 12:41

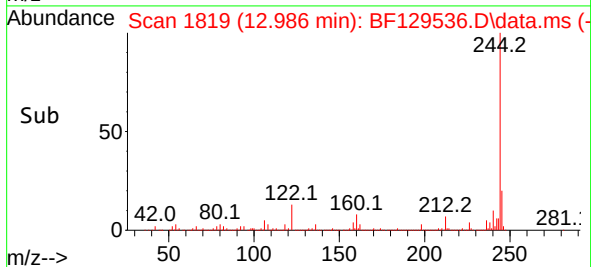
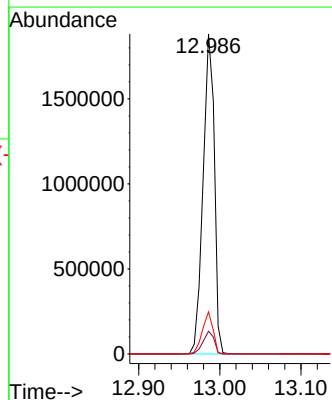
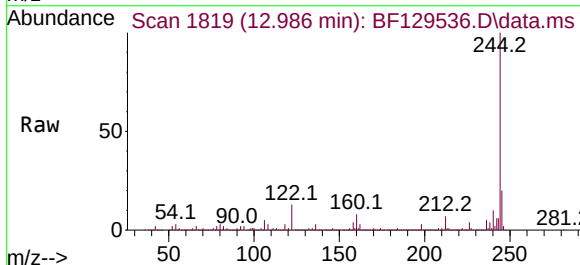
Instrument :
BNA_F
ClientSampleId :
SB-1

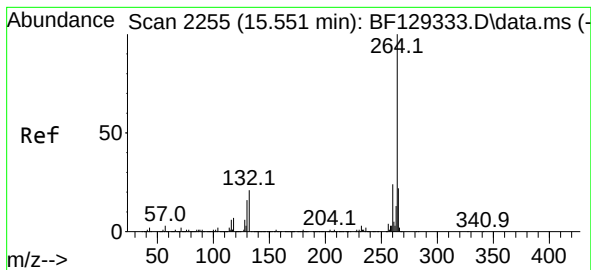
Tgt Ion:240 Resp: 424837
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 25.6 20.8 31.2



#79
Terphenyl-d14
Concen: 80.534 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF129536.D
Acq: 03 Aug 2022 12:41

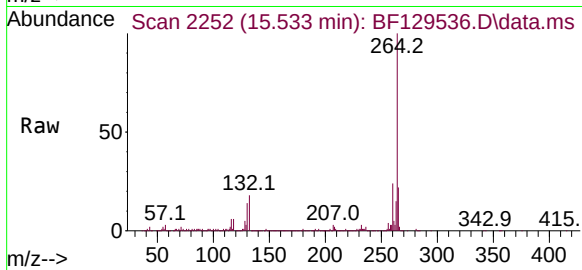
Tgt Ion:244 Resp: 1813537
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 13.2 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129536.D
Acq: 03 Aug 2022 12:41

Instrument :
BNA_F
ClientSampleId :
SB-1



Tgt Ion:264 Resp: 341309

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.4	27.6
265	21.8	17.2	25.8

