

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
 Data File : BF129271.D
 Acq On : 18 Jul 2022 17:01
 Operator : CG\JU
 Sample : N3731-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Jul 19 02:08:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

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

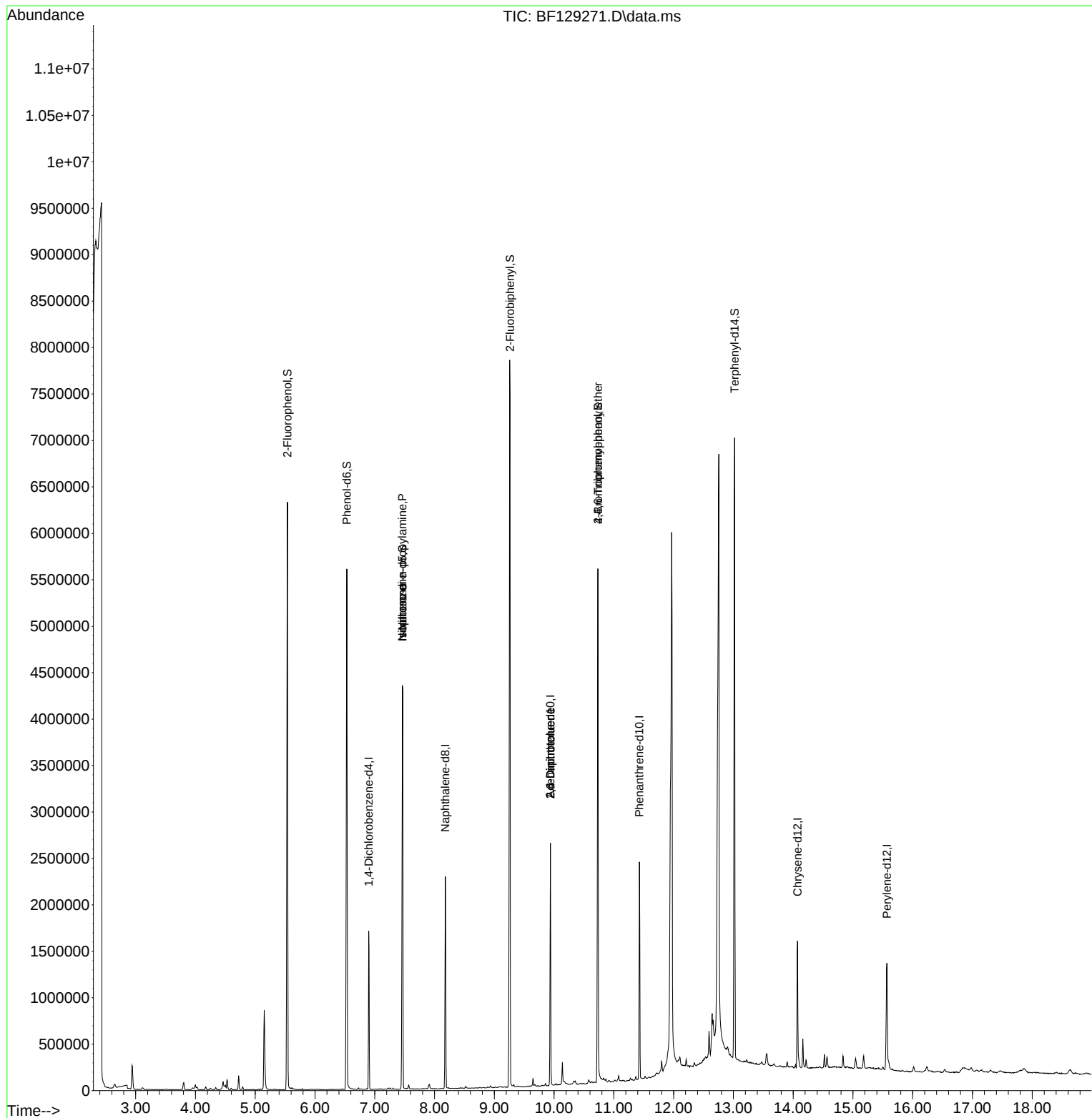
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	242117	20.000	ng	0.00
21) Naphthalene-d8	8.180	136	963546	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	498971	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	784227	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	458878	20.000	ng	0.00
86) Perylene-d12	15.568	264	500722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	1831822	120.831	ng	0.02
7) Phenol-d6	6.534	99	2097423	106.970	ng	0.00
23) Nitrobenzene-d5	7.463	82	1649900	91.531	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	652299	140.846	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2737636	92.953	ng	0.00
79) Terphenyl-d14	13.021	244	2385704	97.257	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	221437	19.200	ng	# 77
25) Isophorone	7.463	82	1649866	54.460	ng	# 65
51) 2,6-Dinitrotoluene	9.939	165	65064	9.286	ng	# 26
57) 2,4-Dinitrotoluene	9.939	165	66017	7.185	ng	# 22
67) 4-Bromophenyl-phenylether	10.733	248	41222	4.993	ng	# 1

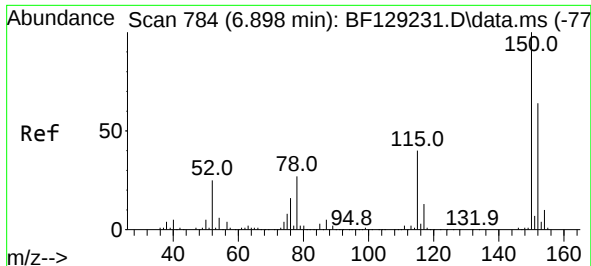
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
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QLast Update : Fri Jul 15 12:55:49 2022
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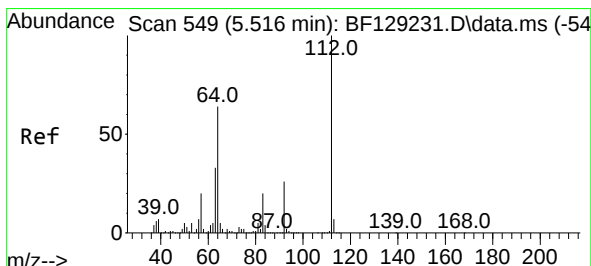
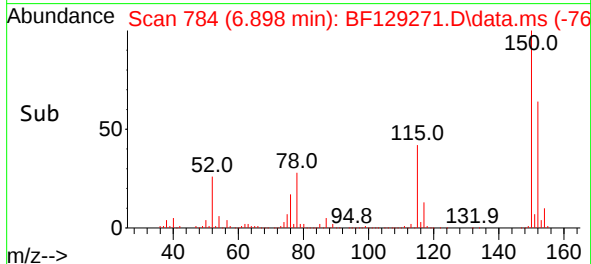
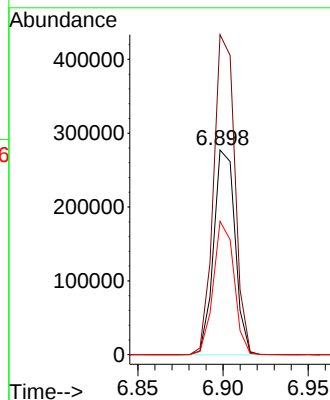
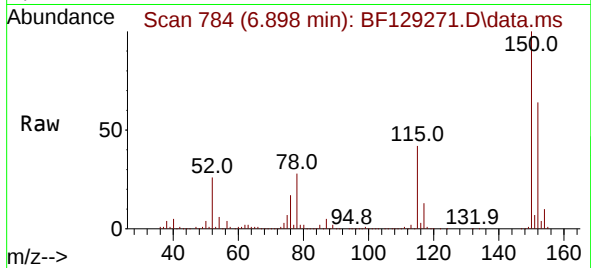




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF129271.D
 Acq: 18 Jul 2022 17:01

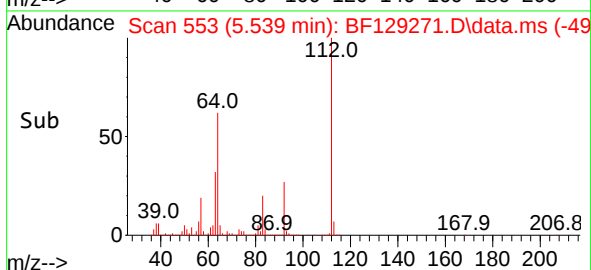
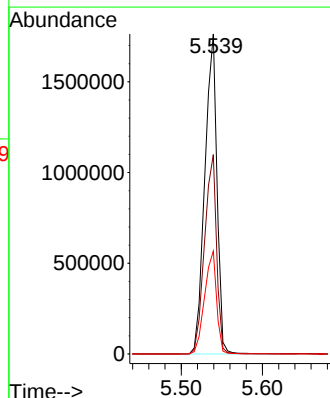
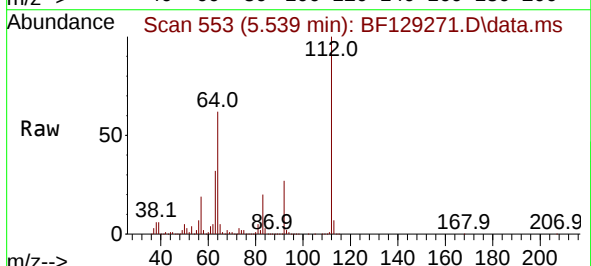
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

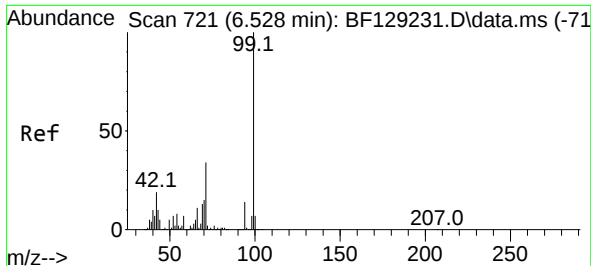
Tgt Ion:152 Resp: 242117
 Ion Ratio Lower Upper
 152 100
 150 156.3 123.7 185.5
 115 65.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 120.831 ng
 RT: 5.539 min Scan# 553
 Delta R.T. 0.023 min
 Lab File: BF129271.D
 Acq: 18 Jul 2022 17:01

Tgt Ion:112 Resp: 1831822
 Ion Ratio Lower Upper
 112 100
 64 62.3 53.3 79.9
 63 32.2 28.0 42.0

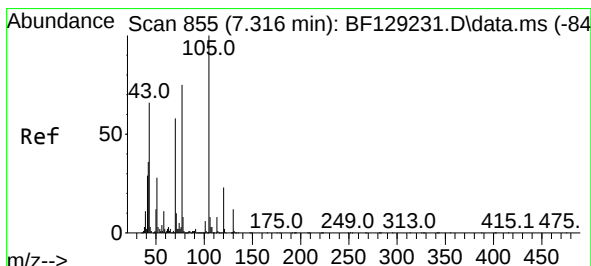
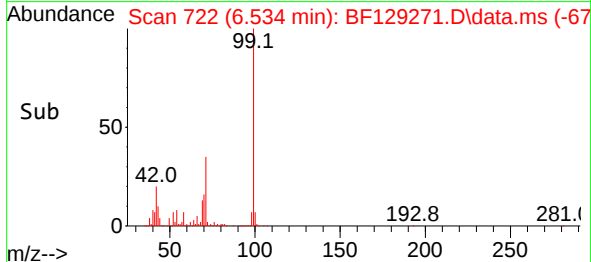
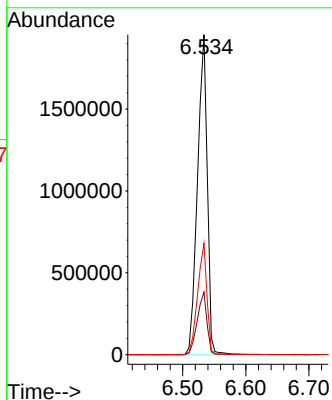
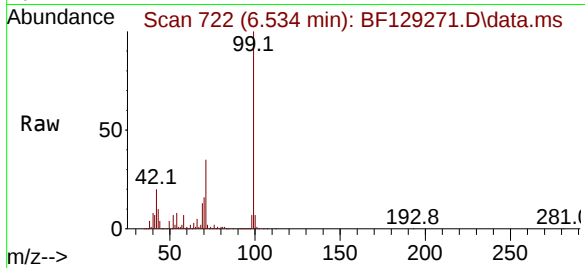




#7
Phenol-d6
Concen: 106.970 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129271.D
Acq: 18 Jul 2022 17:01

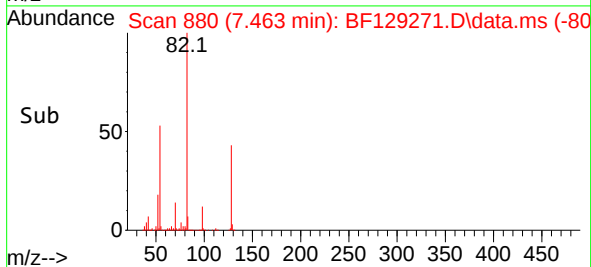
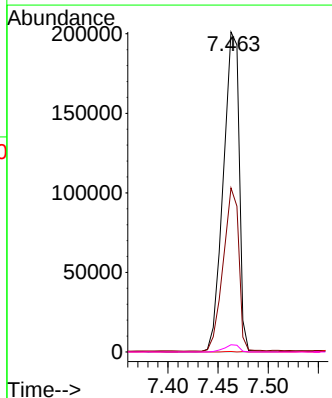
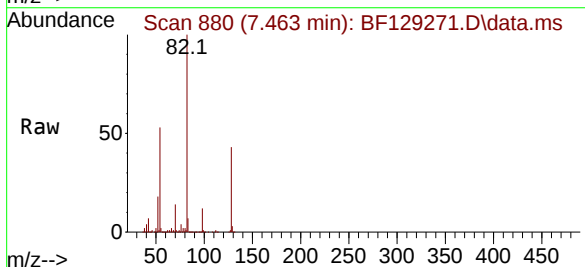
Instrument :
BNA_F
ClientSampleId :
TP-2

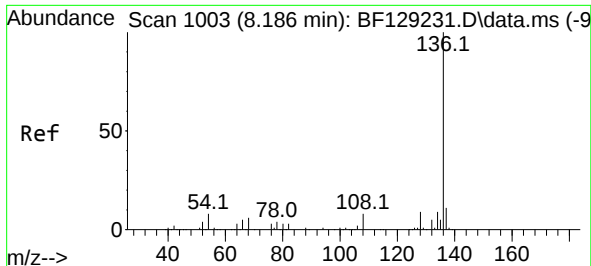
Tgt Ion: 99 Resp: 2097423
Ion Ratio Lower Upper
99 100
42 19.5 17.3 25.9
71 34.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.200 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.147 min
Lab File: BF129271.D
Acq: 18 Jul 2022 17:01

Tgt Ion: 70 Resp: 221437
Ion Ratio Lower Upper
70 100
42 51.3 52.3 78.5#
101 0.1 7.5 11.3#
130 2.3 16.1 24.1#

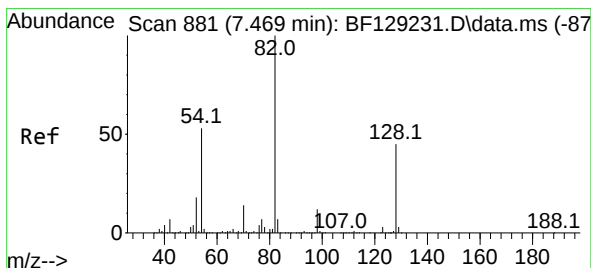
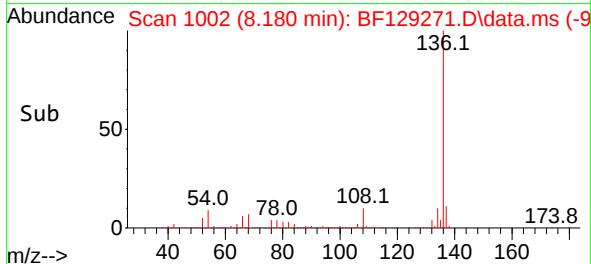
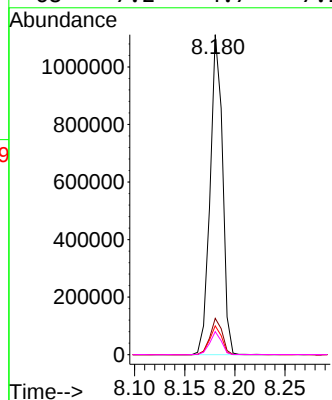
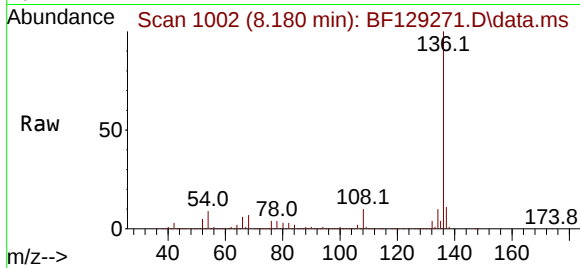




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.180 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF129271.D
Acq: 18 Jul 2022 17:01

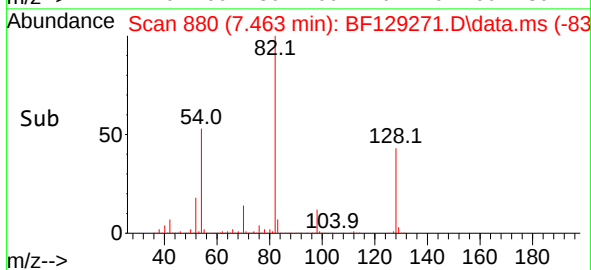
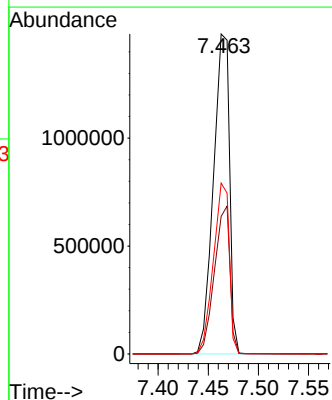
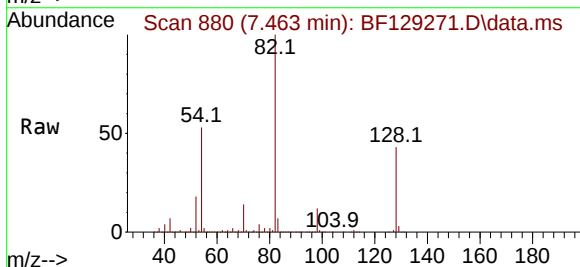
Instrument :
BNA_F
ClientSampleId :
TP-2

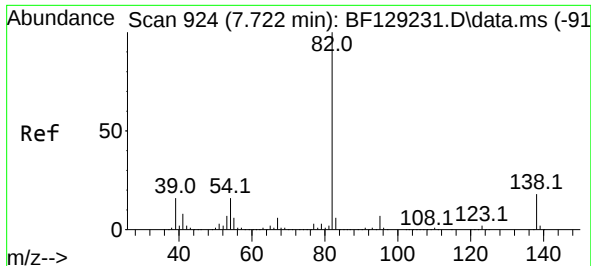
Tgt Ion:136 Resp: 963546
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.0 7.5 11.3
68 7.2 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 91.531 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF129271.D
Acq: 18 Jul 2022 17:01

Tgt Ion: 82 Resp: 1649900
Ion Ratio Lower Upper
82 100
128 43.0 34.0 51.0
54 53.4 46.9 70.3

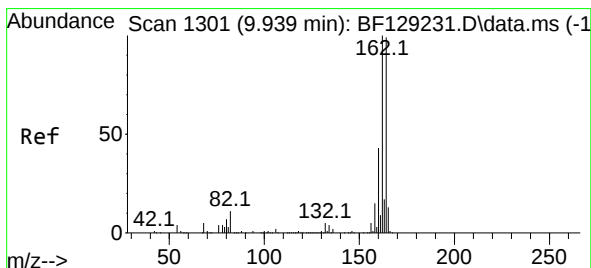
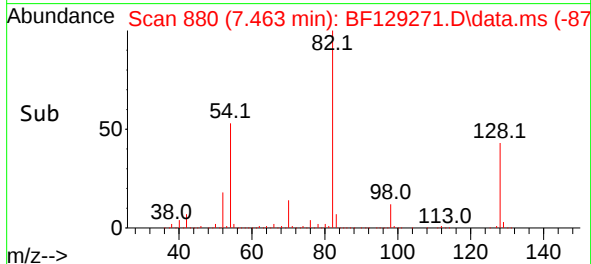
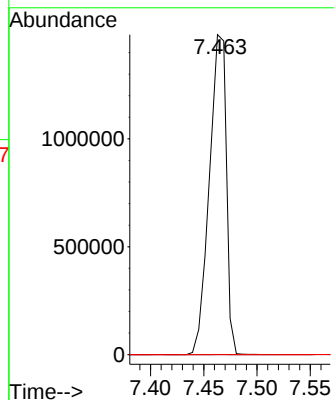
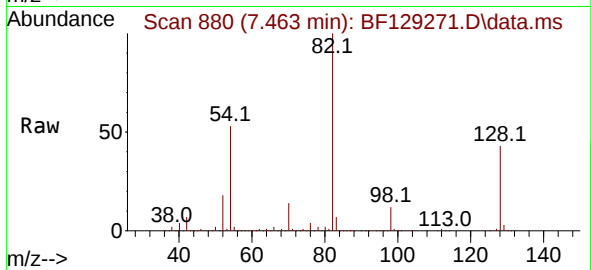




#25
Isophorone
Concen: 54.460 ng
RT: 7.463 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF129271.D
Acq: 18 Jul 2022 17:01

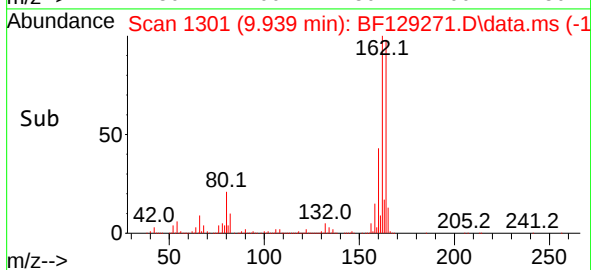
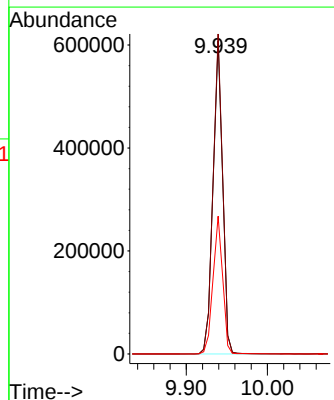
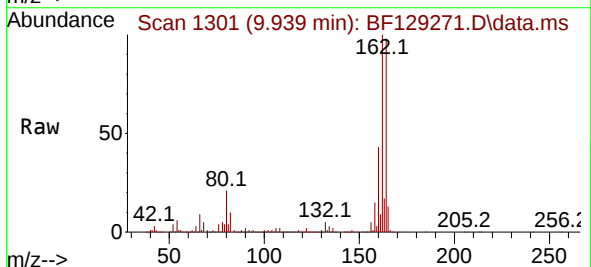
Instrument :
BNA_F
ClientSampleId :
TP-2

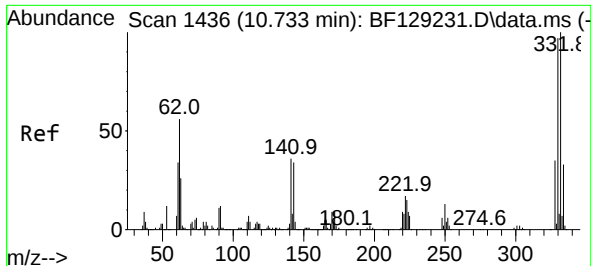
Tgt Ion: 82 Resp: 1649866
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BF129271.D
Acq: 18 Jul 2022 17:01

Tgt Ion:164 Resp: 498971
Ion Ratio Lower Upper
164 100
162 102.3 79.5 119.3
160 44.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 140.846 ng

RT: 10.733 min Scan# 1436

Delta R.T. -0.000 min

Lab File: BF129271.D

Acq: 18 Jul 2022 17:01

Instrument :

BNA_F

ClientSampleId :

TP-2

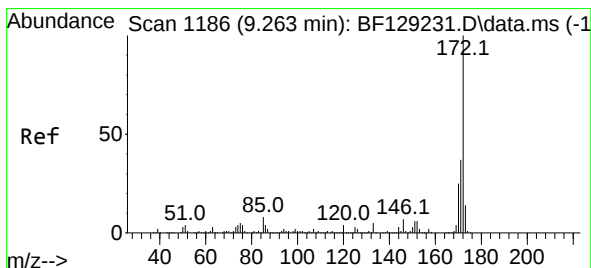
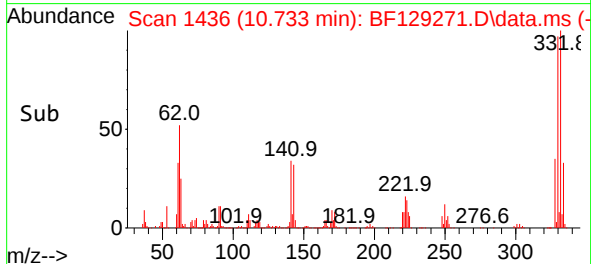
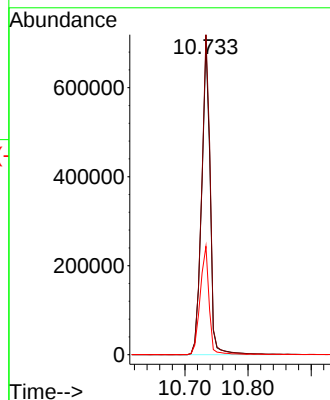
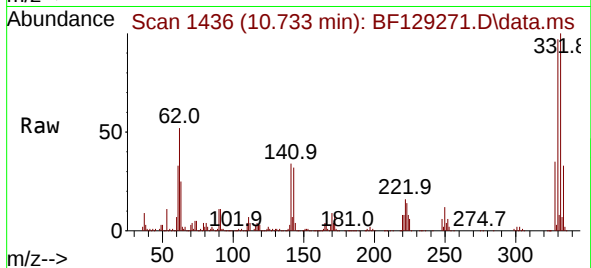
Tgt Ion:330 Resp: 652299

Ion Ratio Lower Upper

330 100

332 102.9 76.8 115.2

141 36.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 92.953 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF129271.D

Acq: 18 Jul 2022 17:01

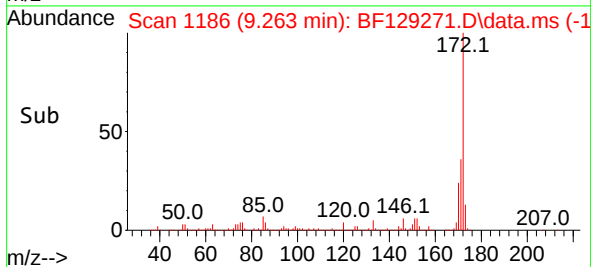
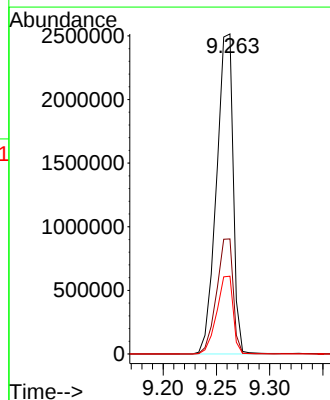
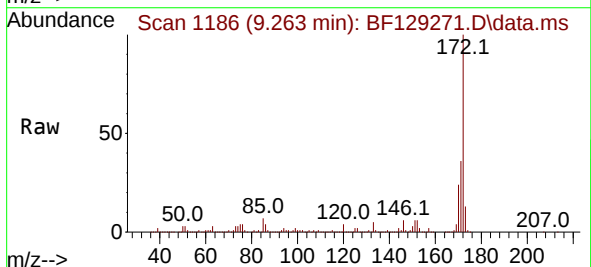
Tgt Ion:172 Resp: 2737636

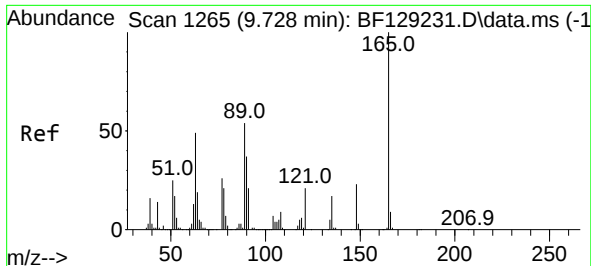
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.3 19.8 29.8

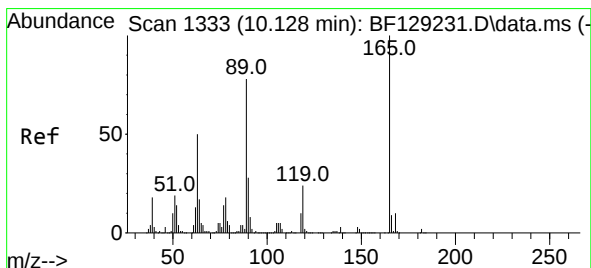
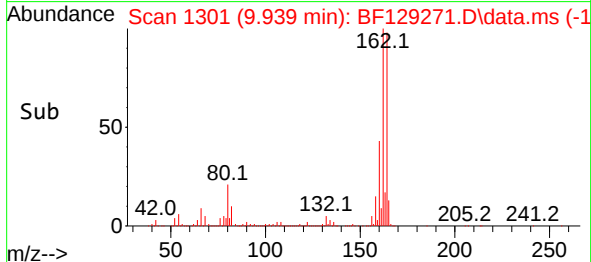
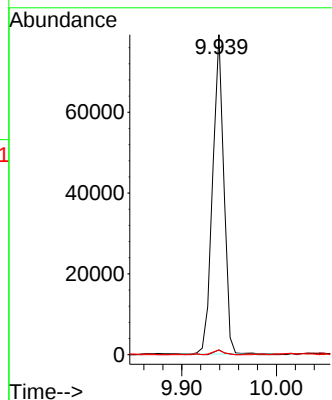
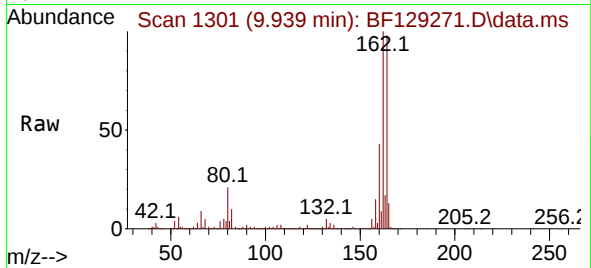




#51
2,6-Dinitrotoluene
Concen: 9.286 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.212 min
Lab File: BF129271.D
Acq: 18 Jul 2022 17:01

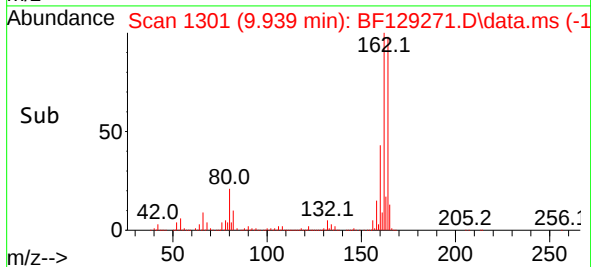
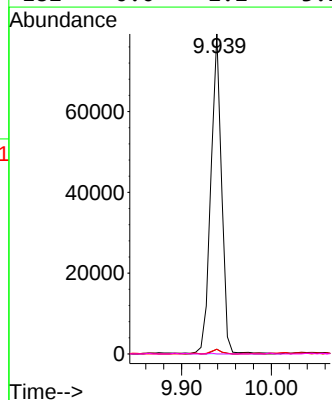
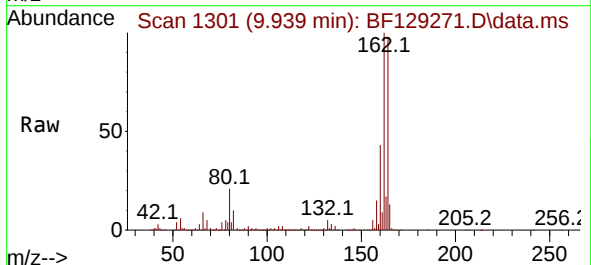
Instrument :
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TP-2

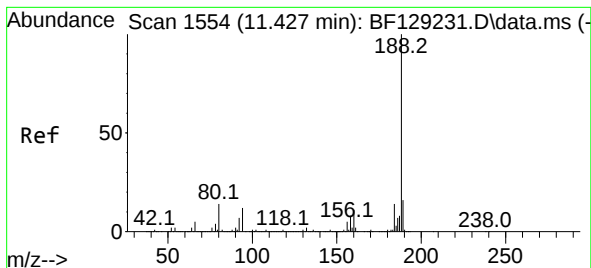
Tgt Ion:165 Resp: 65064
Ion Ratio Lower Upper
165 100
63 1.5 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.185 ng
RT: 9.939 min Scan# 1301
Delta R.T. -0.188 min
Lab File: BF129271.D
Acq: 18 Jul 2022 17:01

Tgt Ion:165 Resp: 66017
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF129271.D

Acq: 18 Jul 2022 17:01

Instrument :

BNA_F

ClientSampleId :

TP-2

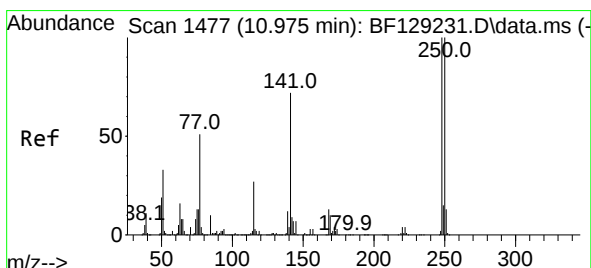
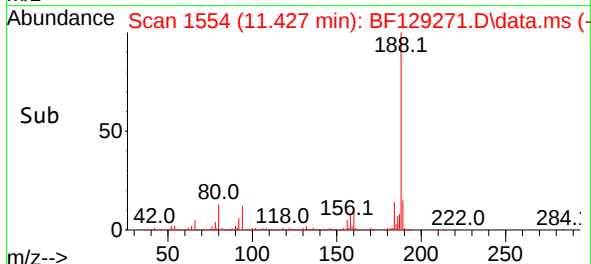
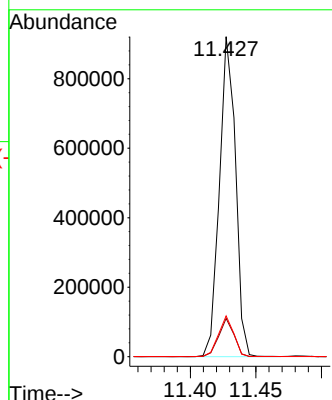
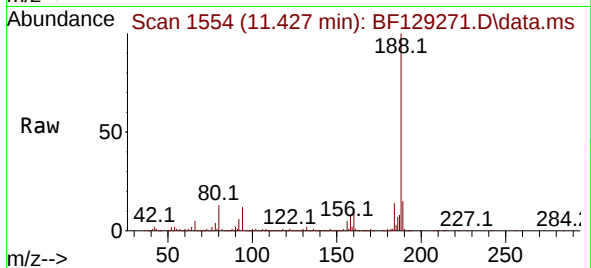
Tgt Ion:188 Resp: 784227

Ion Ratio Lower Upper

188 100

94 12.0 7.0 10.6#

80 12.8 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.993 ng

RT: 10.733 min Scan# 1436

Delta R.T. -0.241 min

Lab File: BF129271.D

Acq: 18 Jul 2022 17:01

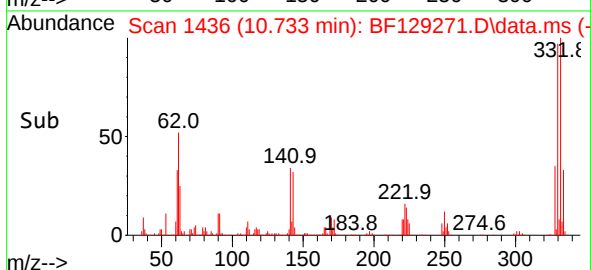
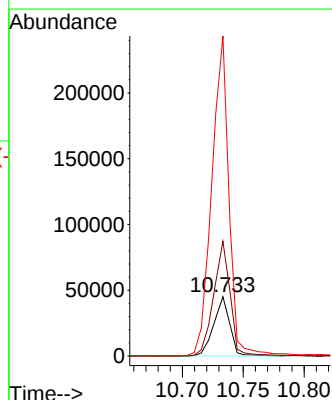
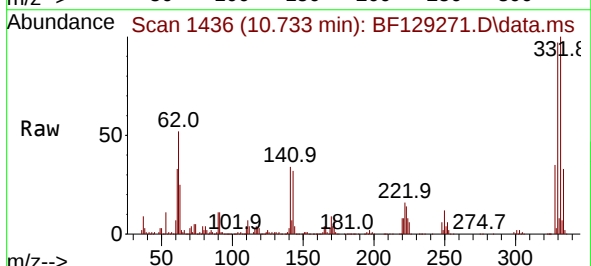
Tgt Ion:248 Resp: 41222

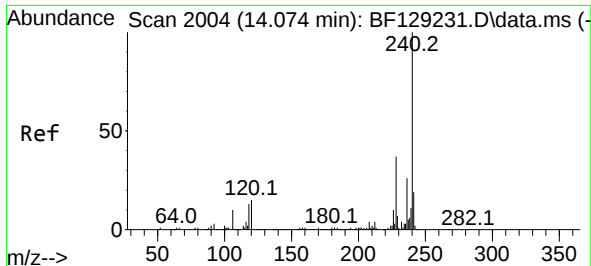
Ion Ratio Lower Upper

248 100

250 193.8 80.6 120.8#

141 540.1 58.9 88.3#

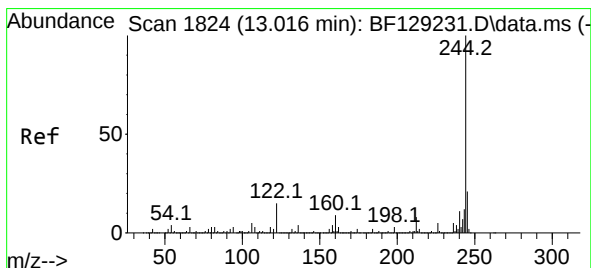
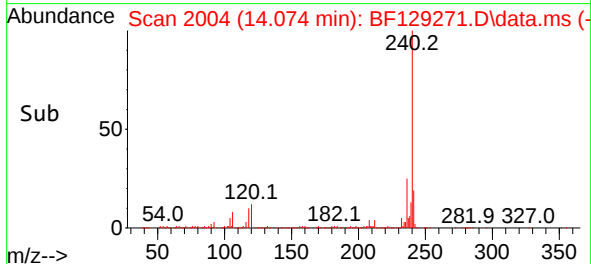
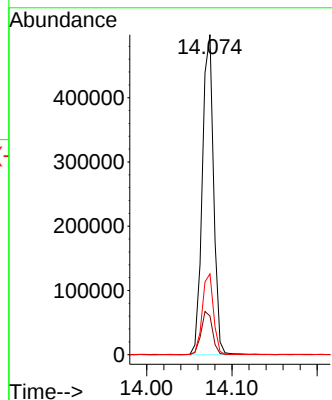
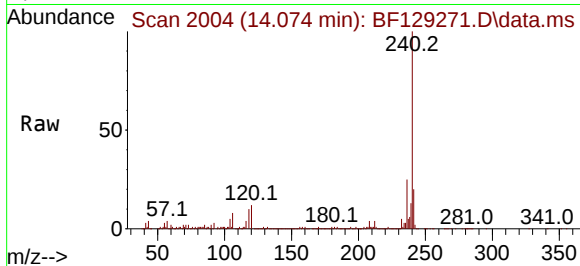




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF129271.D
Acq: 18 Jul 2022 17:01

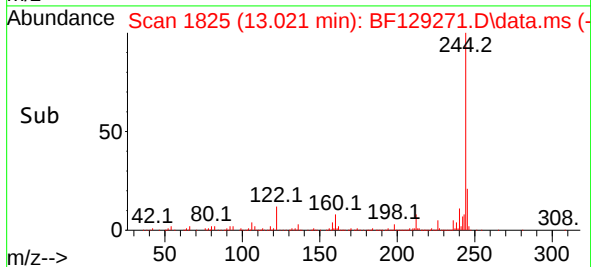
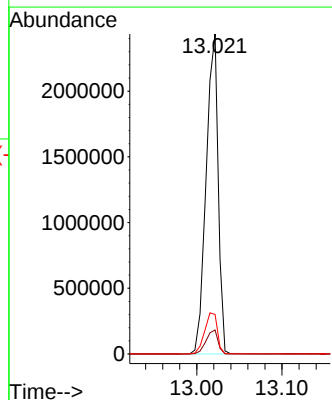
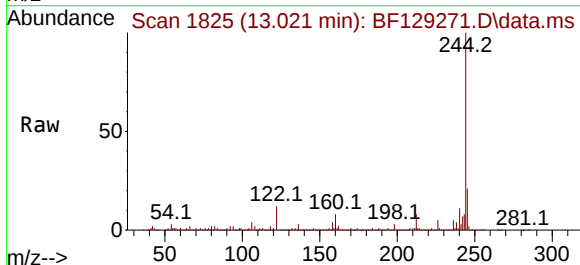
Instrument :
BNA_F
ClientSampleId :
TP-2

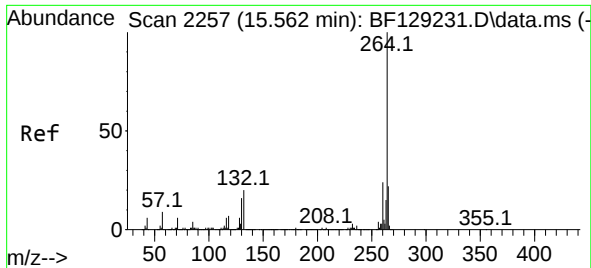
Tgt Ion:240 Resp: 458878
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 25.2 20.8 31.2



#79
Terphenyl-d14
Concen: 97.257 ng
RT: 13.021 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF129271.D
Acq: 18 Jul 2022 17:01

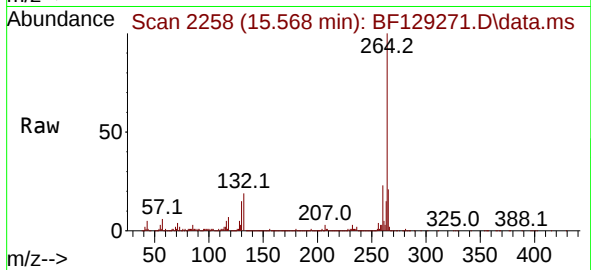
Tgt Ion:244 Resp: 2385704
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 12.4 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF129271.D
Acq: 18 Jul 2022 17:01

Instrument :
BNA_F
ClientSampleId :
TP-2



Tgt Ion:264 Resp: 500722

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.4	27.6
265	21.5	17.2	25.8

