

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072022\
 Data File : BF129291.D
 Acq On : 20 Jul 2022 14:02
 Operator : CG\JU
 Sample : PB146238BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146238BL

Quant Time: Jul 20 16:42:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

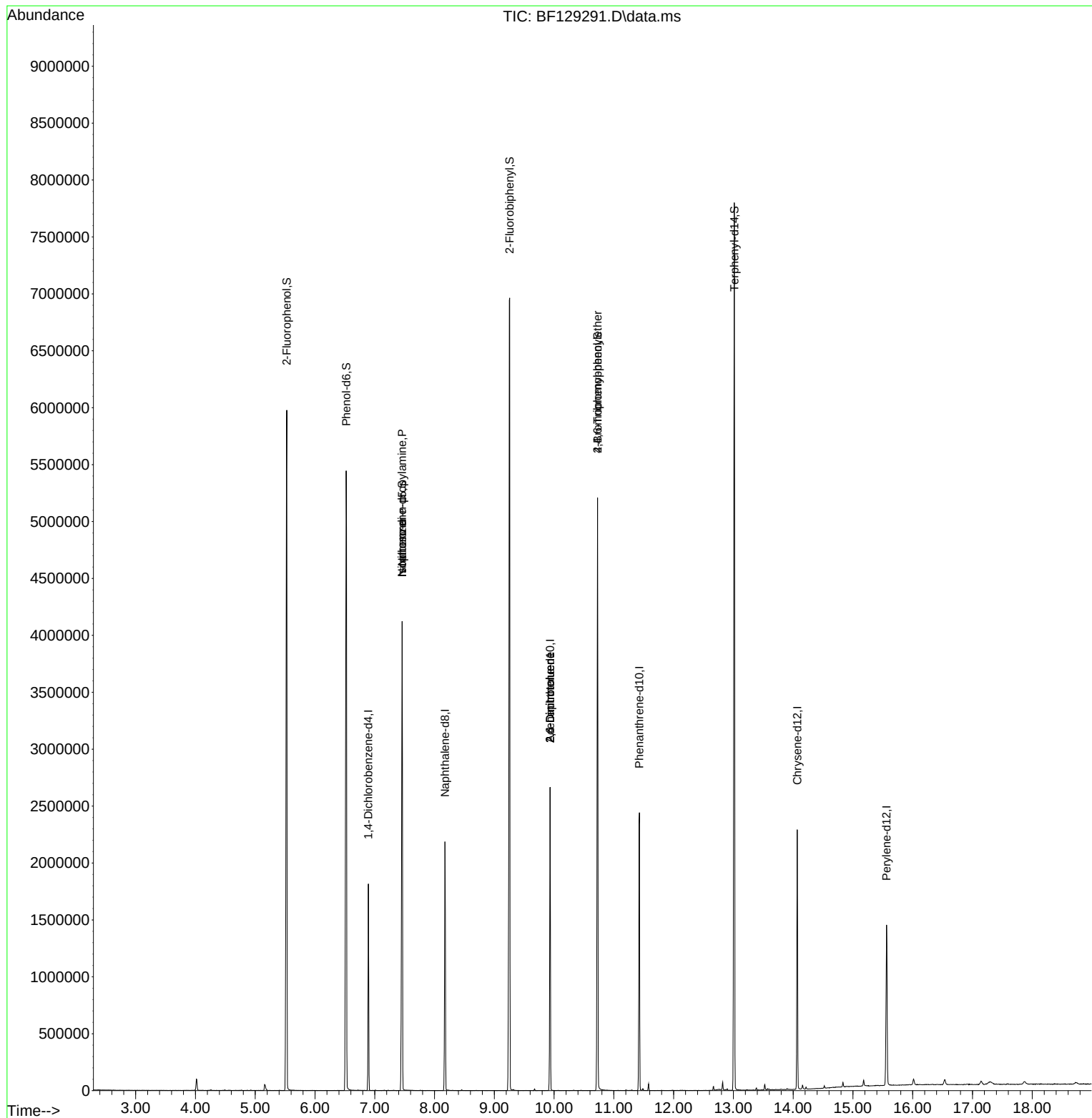
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	238265	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	969280	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	511283	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	901488	20.000	ng	0.00
76) Chrysene-d12	14.069	240	730360	20.000	ng	#-0.01
86) Perylene-d12	15.563	264	608966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1817517	124.418	ng	0.01
7) Phenol-d6	6.522	99	2322134	124.699	ng	0.00
23) Nitrobenzene-d5	7.457	82	1518041	84.258	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	627700	127.250	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2527430	76.046	ng	0.00
79) Terphenyl-d14	13.016	244	2914884	74.330	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	202162	18.220	ng	# 74
25) Isophorone	7.457	82	1518019	47.992	ng	# 65
51) 2,6-Dinitrotoluene	9.933	165	66882	8.504	ng	# 25
57) 2,4-Dinitrotoluene	9.933	165	66882	6.487	ng	# 21
67) 4-Bromophenyl-phenylether	10.728	248	40362	4.150	ng	# 1

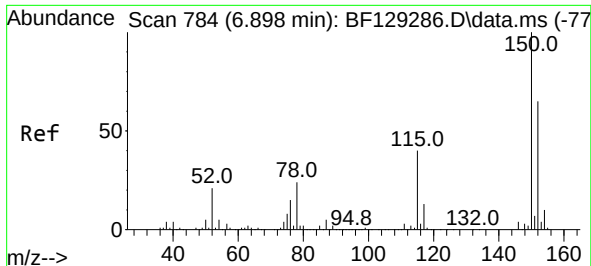
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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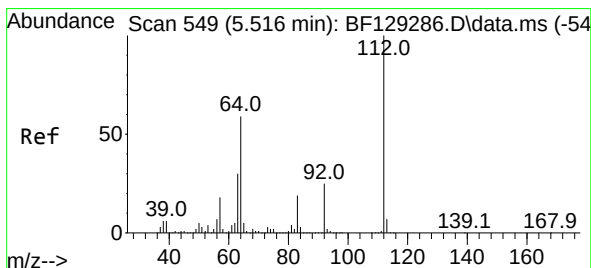
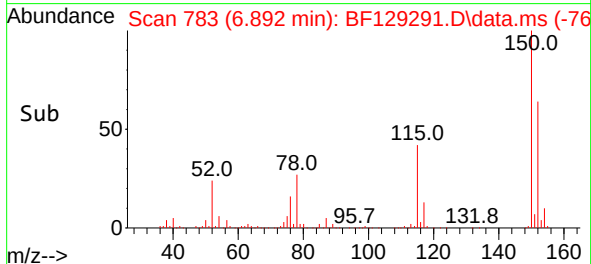
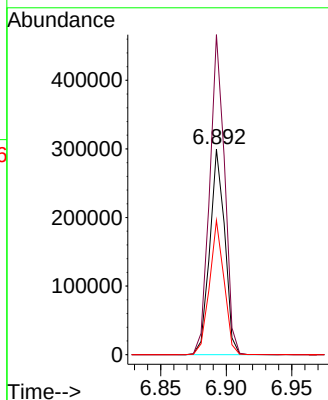
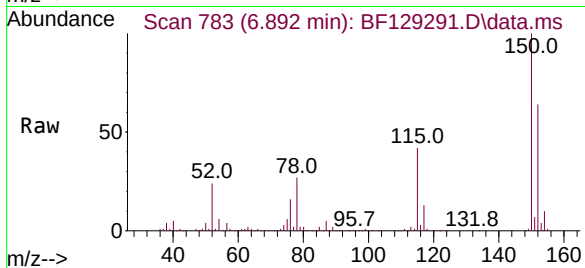




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF129291.D
 Acq: 20 Jul 2022 14:02

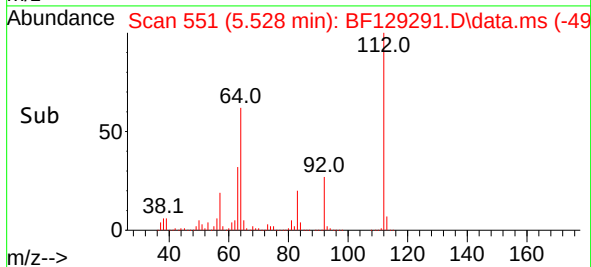
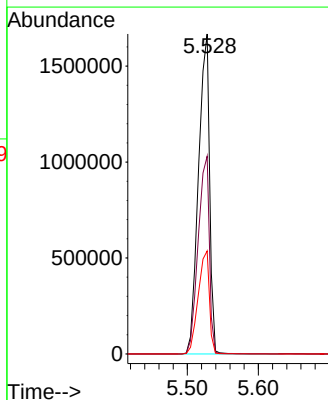
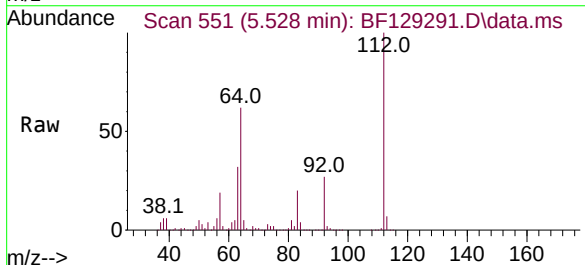
Instrument :
 BNA_F
 ClientSampleId :
 PB146238BL

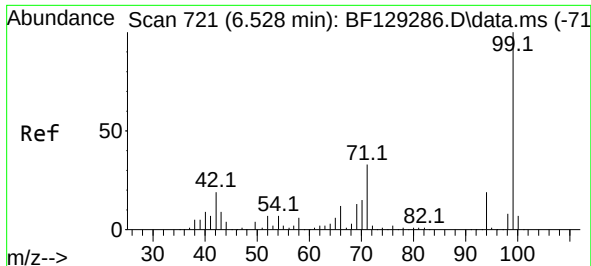
Tgt Ion:152 Resp: 238265
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.7 185.5
 115 65.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 124.418 ng
 RT: 5.528 min Scan# 551
 Delta R.T. 0.012 min
 Lab File: BF129291.D
 Acq: 20 Jul 2022 14:02

Tgt Ion:112 Resp: 1817517
 Ion Ratio Lower Upper
 112 100
 64 61.8 53.3 79.9
 63 32.2 28.0 42.0





#7

Phenol-d6

Concen: 124.699 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129291.D

Acq: 20 Jul 2022 14:02

Instrument :

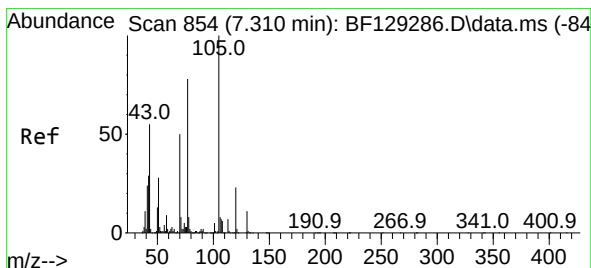
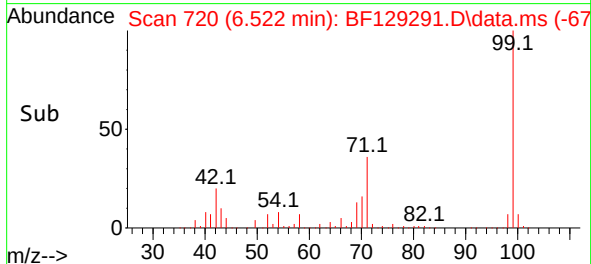
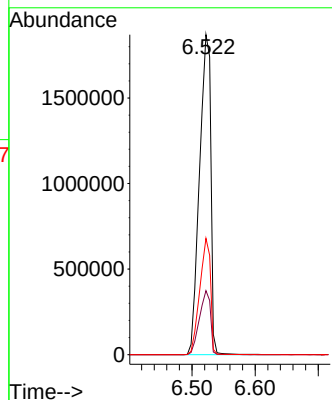
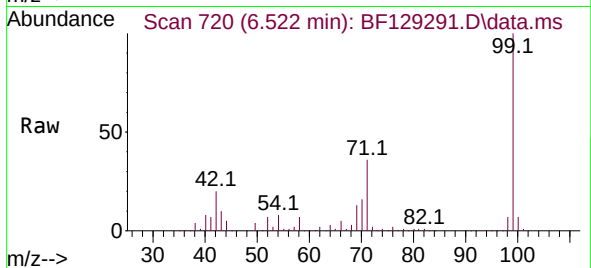
BNA_F

ClientSampleId :

PB146238BL

Tgt Ion: 99 Resp: 2322134

Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.3	25.9
71	36.3	28.9	43.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.220 ng

RT: 7.457 min Scan# 879

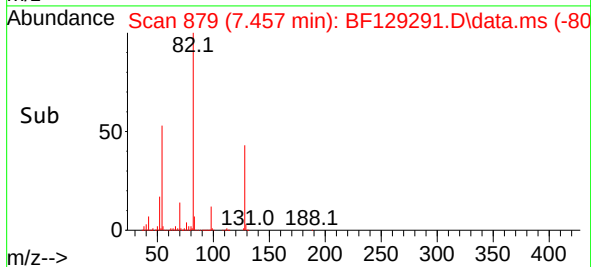
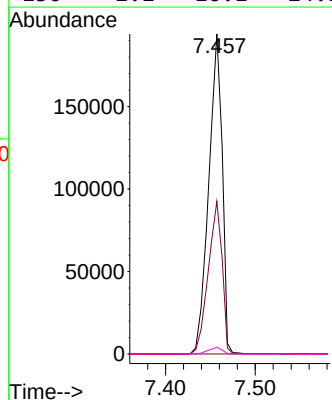
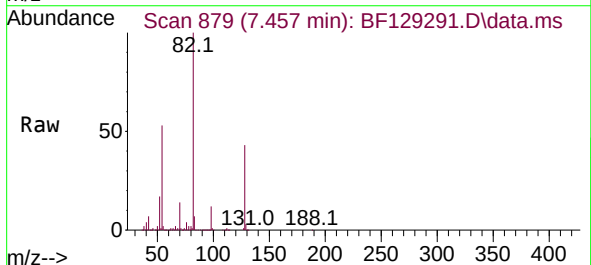
Delta R.T. 0.147 min

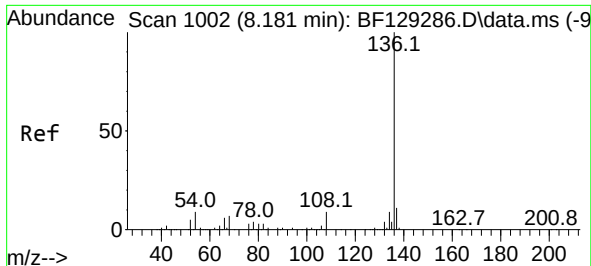
Lab File: BF129291.D

Acq: 20 Jul 2022 14:02

Tgt Ion: 70 Resp: 202162

Ion	Ratio	Lower	Upper
70	100		
42	47.7	52.3	78.5#
101	0.0	7.5	11.3#
130	2.1	16.1	24.1#

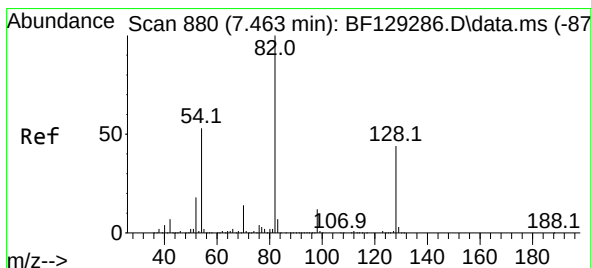
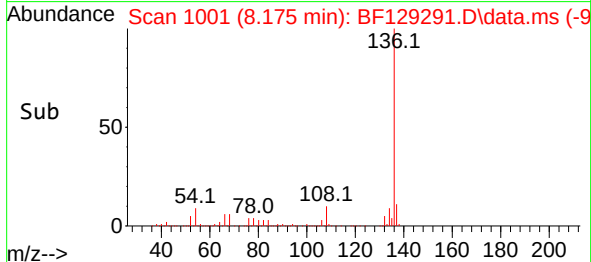
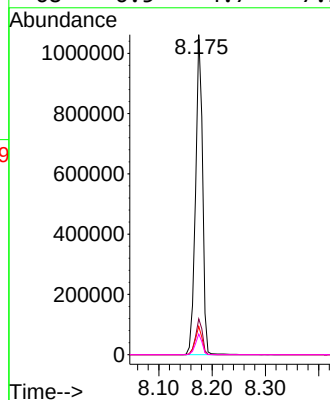
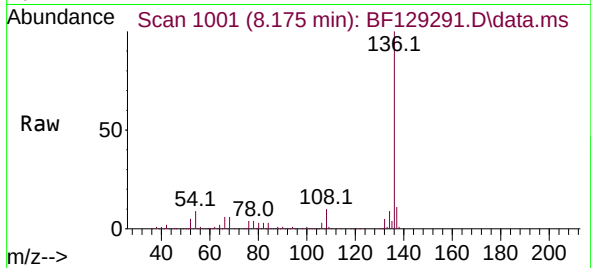




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF129291.D
Acq: 20 Jul 2022 14:02

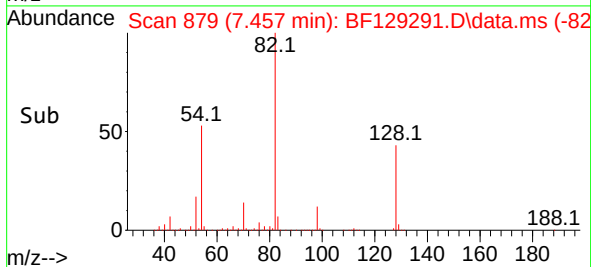
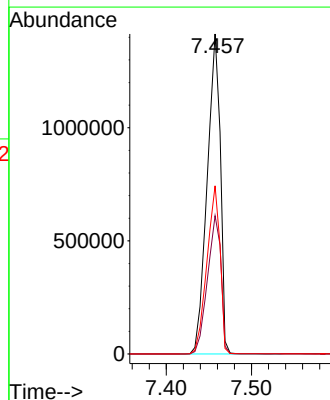
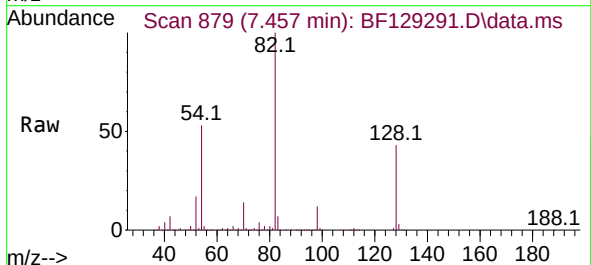
Instrument :
BNA_F
ClientSampleId :
PB146238BL

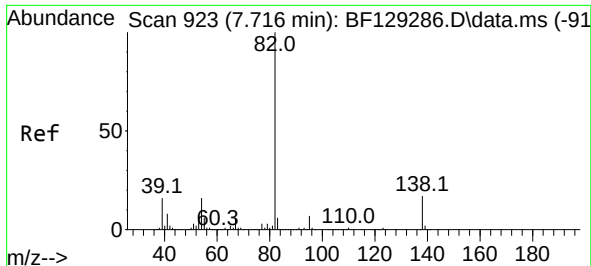
Tgt Ion:136 Resp: 969280
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.9 7.5 11.3
68 6.5 4.7 7.1



#23
Nitrobenzene-d5
Concen: 84.258 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF129291.D
Acq: 20 Jul 2022 14:02

Tgt Ion: 82 Resp: 1518041
Ion Ratio Lower Upper
82 100
128 43.2 34.0 51.0
54 52.6 46.9 70.3

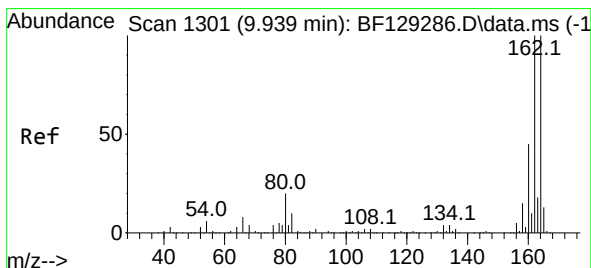
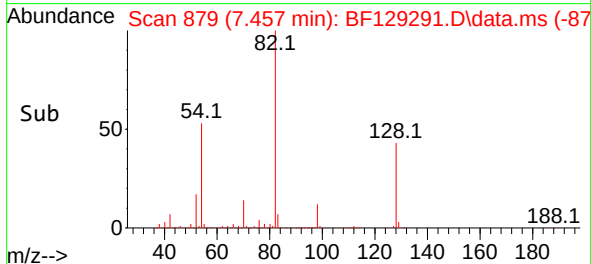
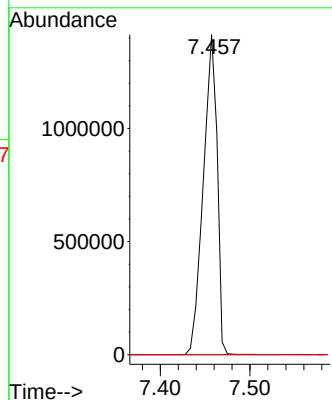
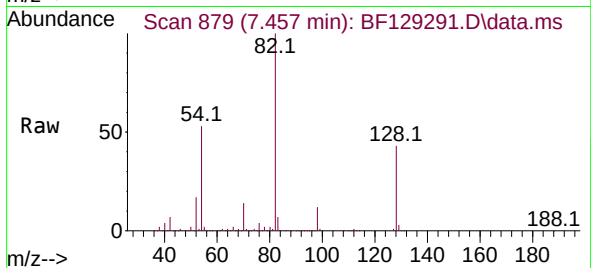




#25
Isophorone
Concen: 47.992 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF129291.D
Acq: 20 Jul 2022 14:02

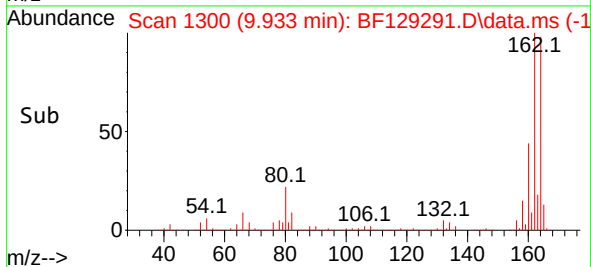
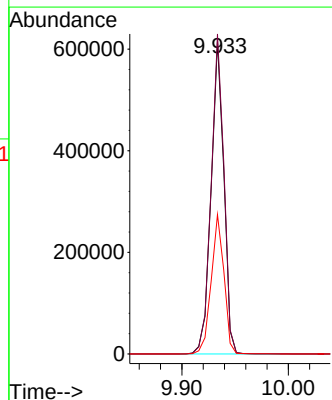
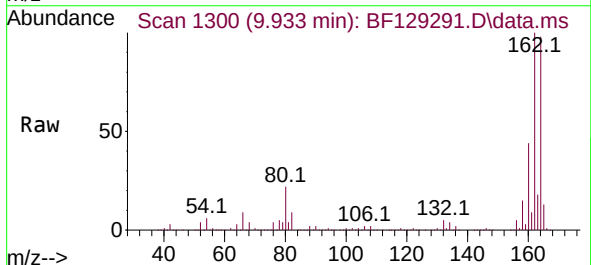
Instrument :
BNA_F
ClientSampleId :
PB146238BL

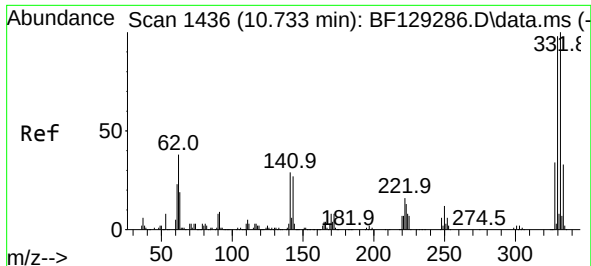
Tgt Ion: 82 Resp: 1518019
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF129291.D
Acq: 20 Jul 2022 14:02

Tgt Ion:164 Resp: 511283
Ion Ratio Lower Upper
164 100
162 102.4 79.5 119.3
160 44.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 127.250 ng

RT: 10.728 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF129291.D

Acq: 20 Jul 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB146238BL

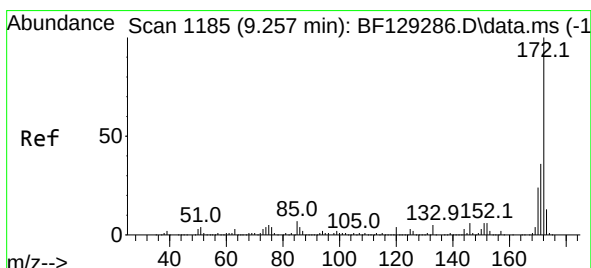
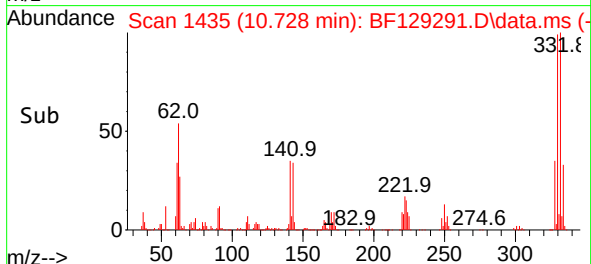
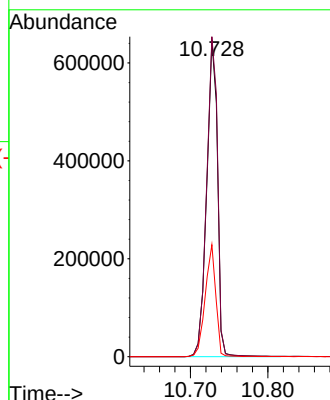
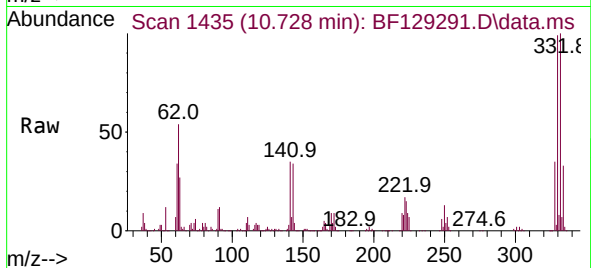
Tgt Ion:330 Resp: 627700

Ion Ratio Lower Upper

330 100

332 102.4 76.8 115.2

141 34.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 76.046 ng

RT: 9.257 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF129291.D

Acq: 20 Jul 2022 14:02

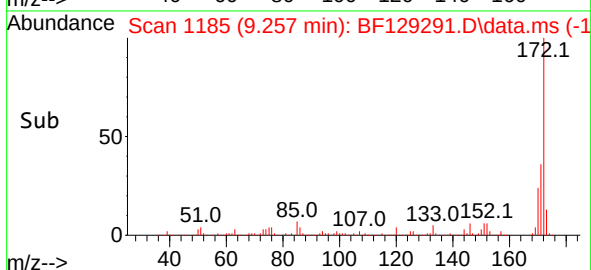
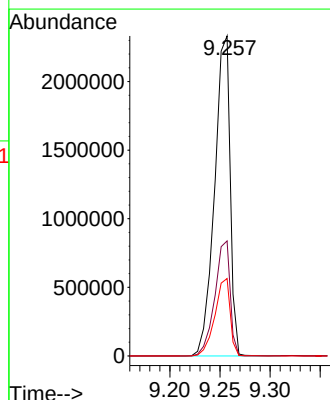
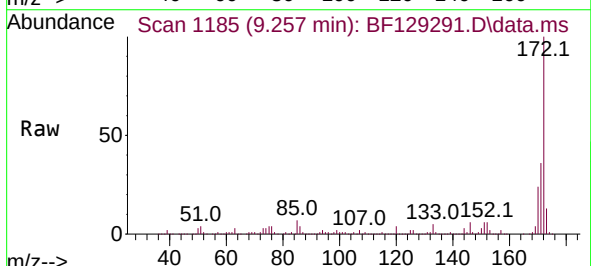
Tgt Ion:172 Resp: 2527430

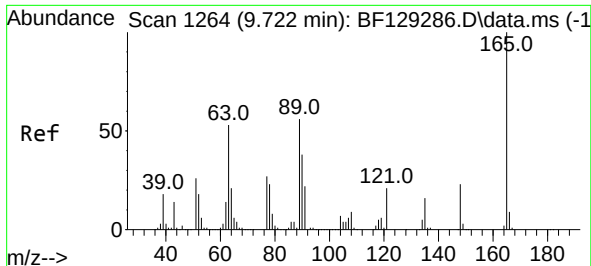
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.2 19.8 29.8

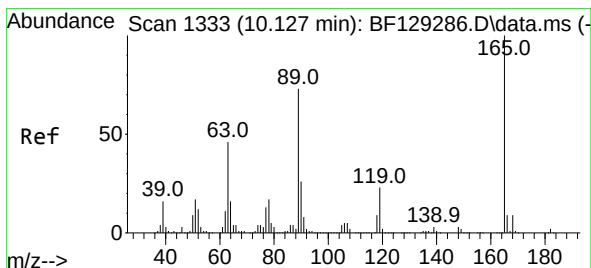
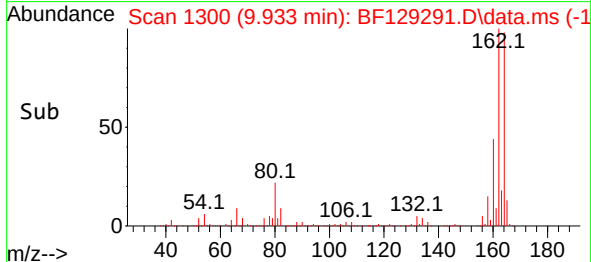
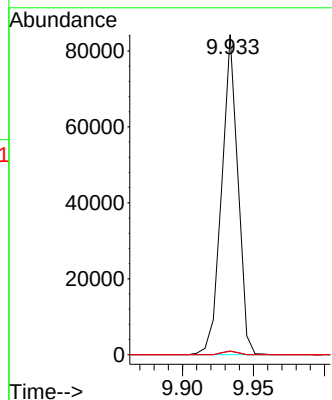
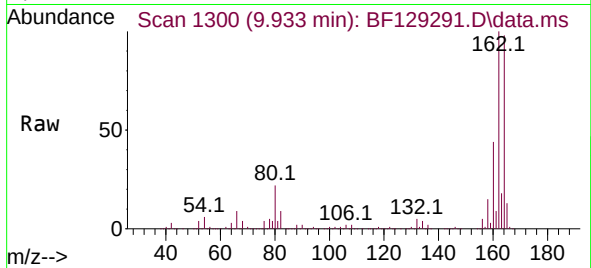




#51
2,6-Dinitrotoluene
Concen: 8.504 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF129291.D
Acq: 20 Jul 2022 14:02

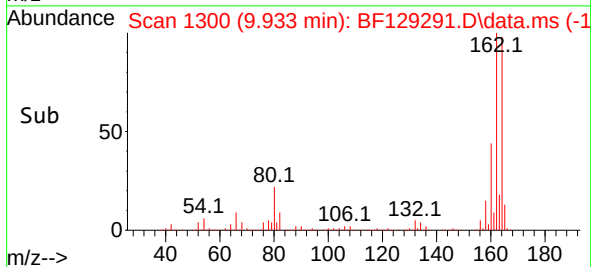
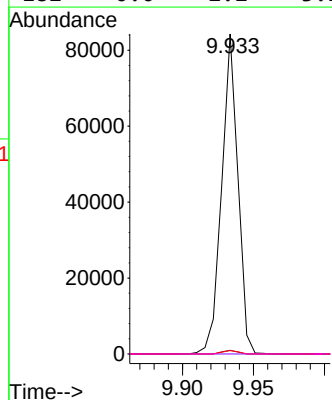
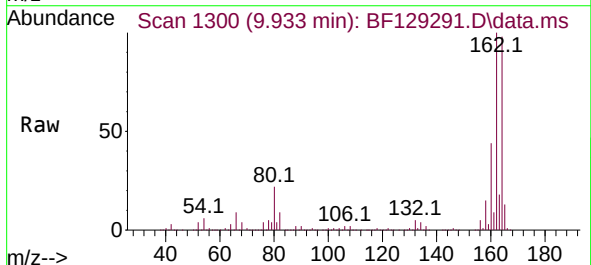
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BNA_F
ClientSampleId :
PB146238BL

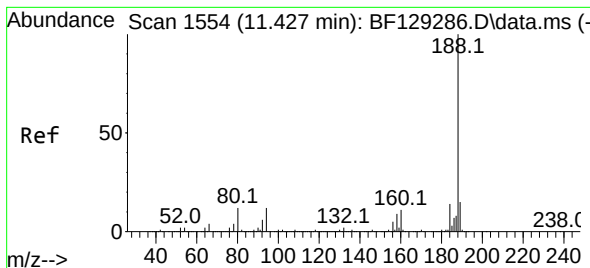
Tgt Ion:165 Resp: 66882
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.1 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 6.487 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.194 min
Lab File: BF129291.D
Acq: 20 Jul 2022 14:02

Tgt Ion:165 Resp: 66882
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.1 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: BF129291.D

Acq: 20 Jul 2022 14:02

Instrument :

BNA_F

ClientSampleId :

PB146238BL

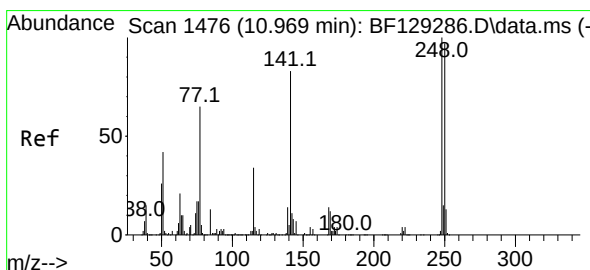
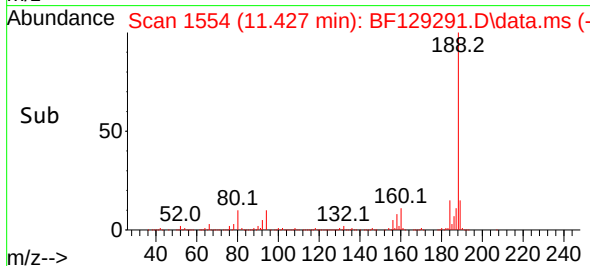
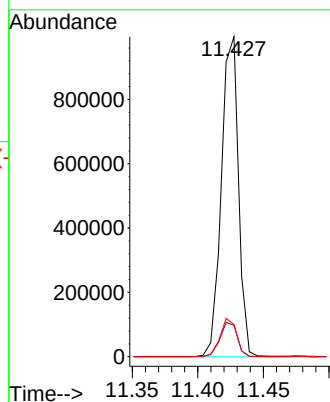
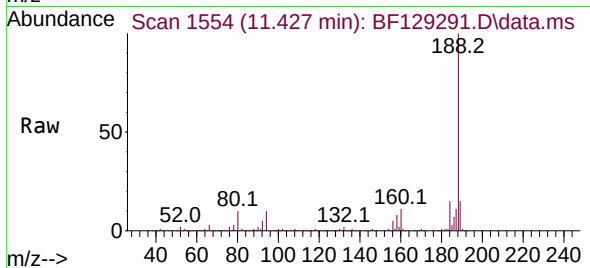
Tgt Ion:188 Resp: 901488

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

80 10.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.150 ng

RT: 10.728 min Scan# 1435

Delta R.T. -0.241 min

Lab File: BF129291.D

Acq: 20 Jul 2022 14:02

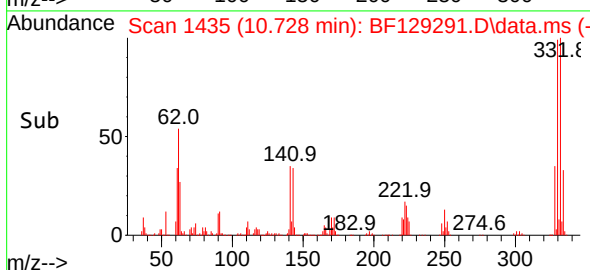
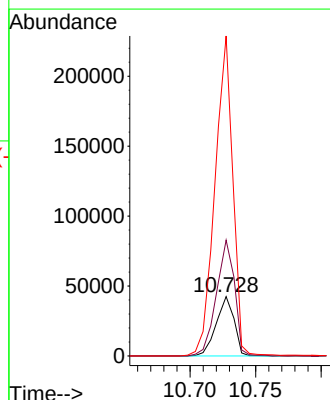
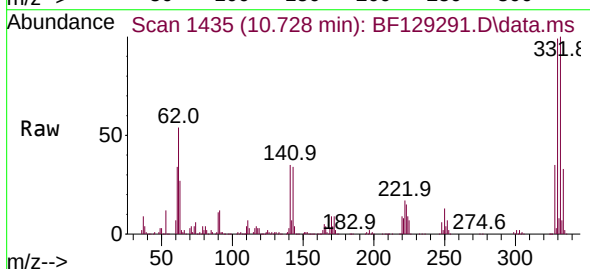
Tgt Ion:248 Resp: 40362

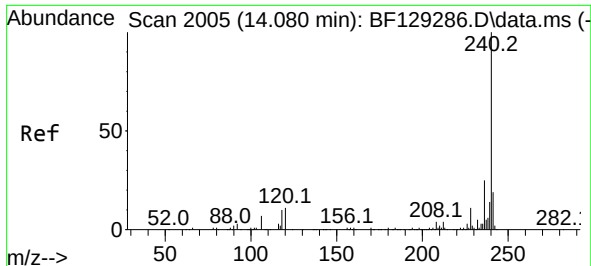
Ion Ratio Lower Upper

248 100

250 195.1 80.6 120.8#

141 538.6 58.9 88.3#

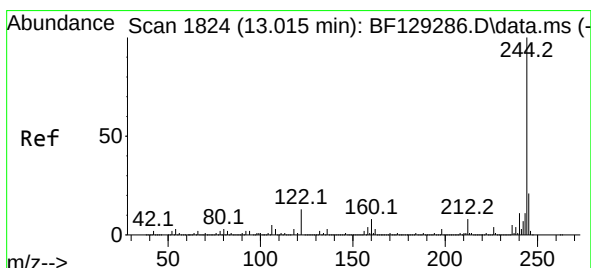
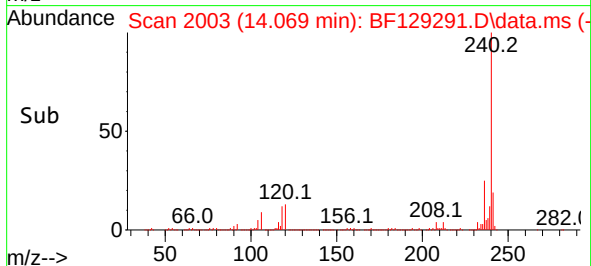
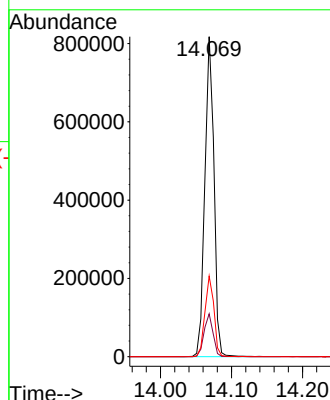
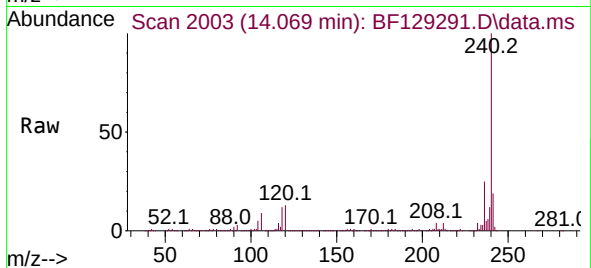




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF129291.D
Acq: 20 Jul 2022 14:02

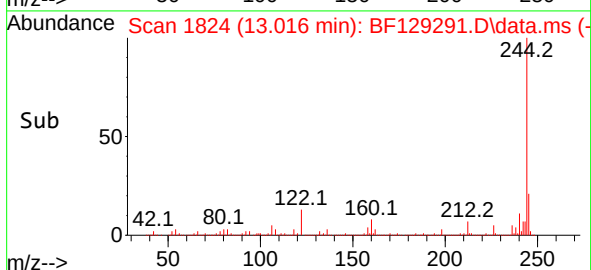
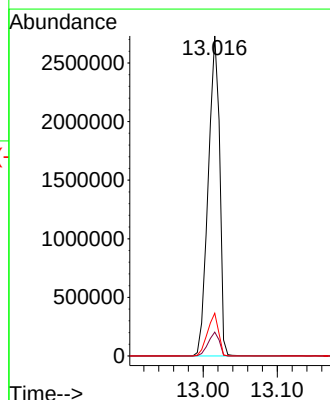
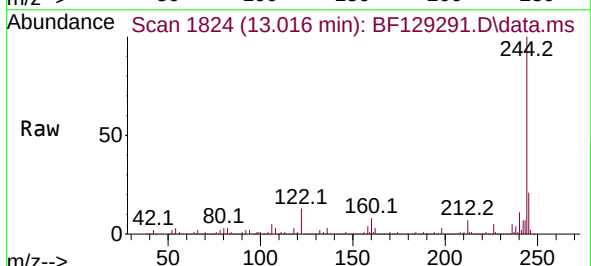
Instrument :
BNA_F
ClientSampleId :
PB146238BL

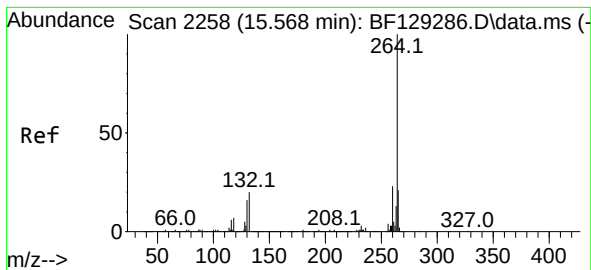
Tgt Ion:240 Resp: 730360
Ion Ratio Lower Upper
240 100
120 13.4 8.9 13.3#
236 25.2 20.8 31.2



#79
Terphenyl-d14
Concen: 74.330 ng
RT: 13.016 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF129291.D
Acq: 20 Jul 2022 14:02

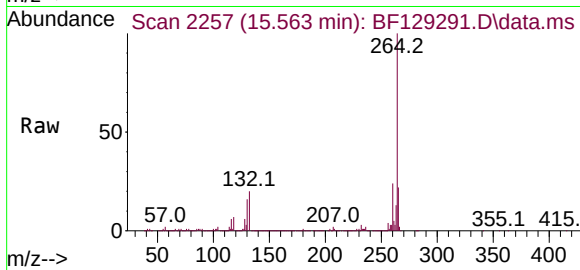
Tgt Ion:244 Resp: 2914884
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 13.4 8.8 13.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF129291.D
Acq: 20 Jul 2022 14:02

Instrument :
BNA_F
ClientSampleId :
PB146238BL



Tgt Ion:264 Resp: 608966

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.4	27.6
265	22.1	17.2	25.8

