

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129236.D
 Acq On : 15 Jul 2022 14:00
 Operator : CG\JU
 Sample : PB146202TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146202TB

Quant Time: Jul 15 18:24:08 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)

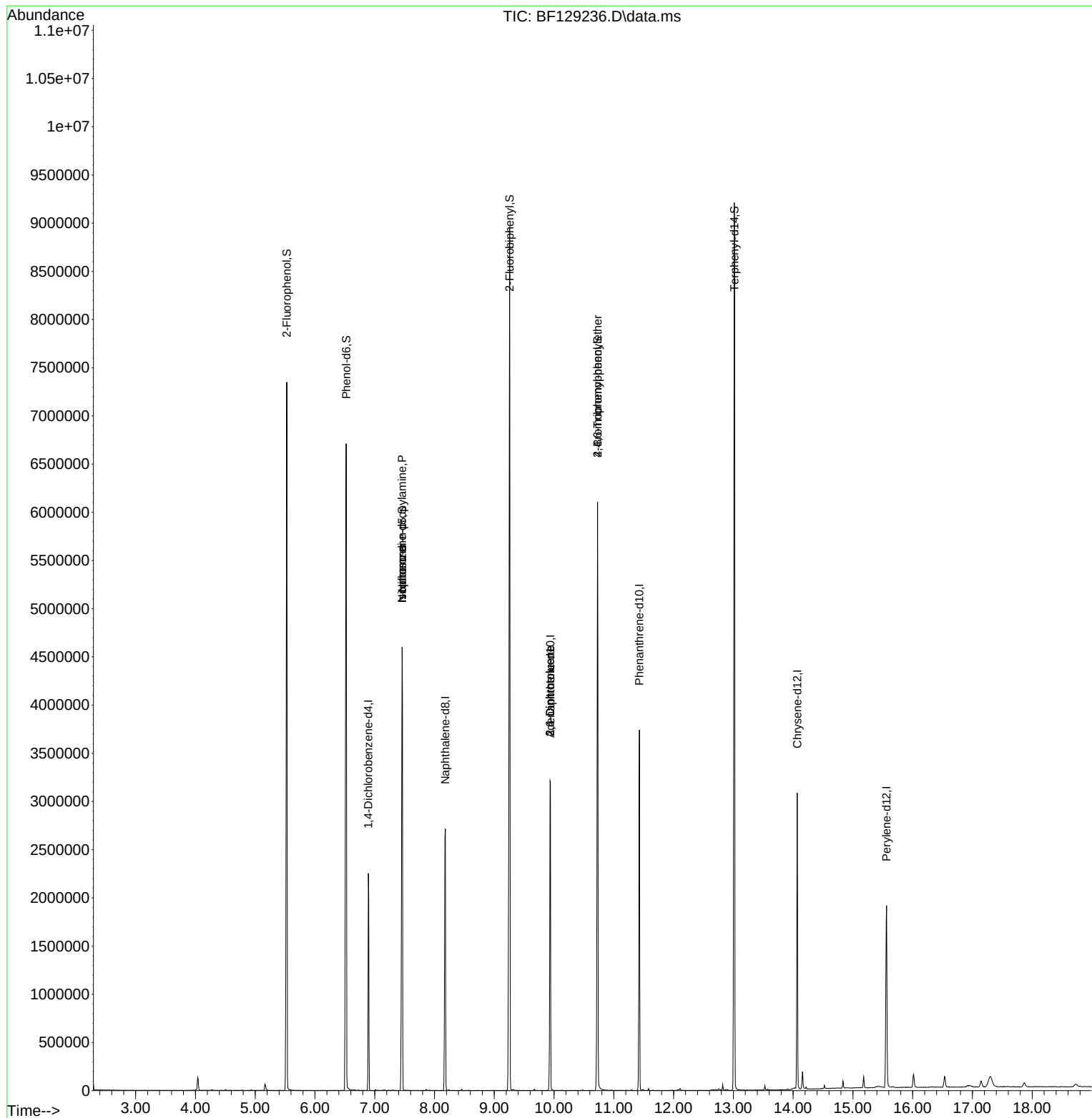
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	339340	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1417668	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	758991	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	1269919	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	978334	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	794559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2101305	98.895	ng	0.01
7) Phenol-d6	6.522	99	2799669	101.876	ng	0.00
23) Nitrobenzene-d5	7.457	82	1857086	70.023	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	775337	110.059	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	3235886	72.231	ng	0.00
79) Terphenyl-d14	13.016	244	3571892	68.299	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	249029	15.406	ng	# 75
25) Isophorone	7.457	82	1854480	41.605	ng	# 65
51) 2,6-Dinitrotoluene	9.934	165	99117	9.300	ng	# 25
57) 2,4-Dinitrotoluene	9.934	165	99117	7.092	ng	# 21
67) 4-Bromophenyl-phenylether	10.728	248	49535	3.705	ng	# 1

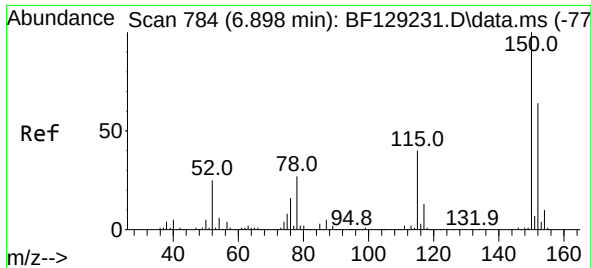
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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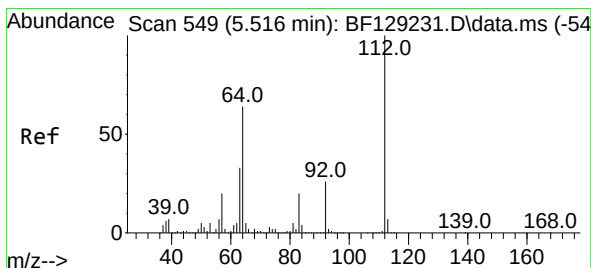
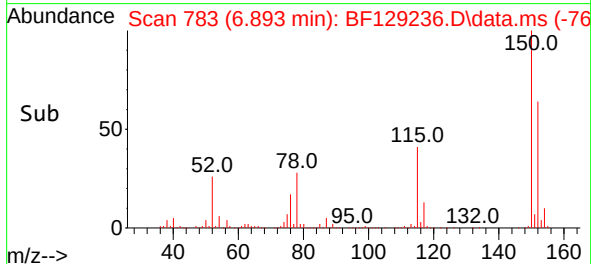
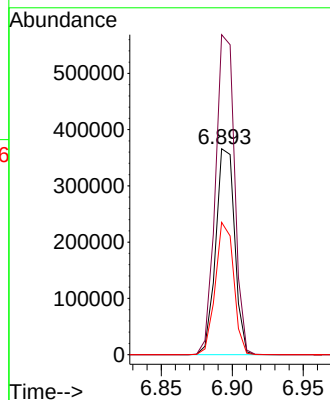
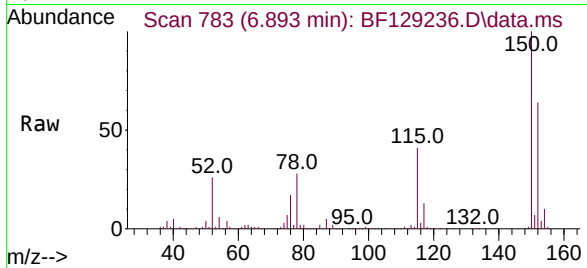




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129236.D
Acq: 15 Jul 2022 14:00

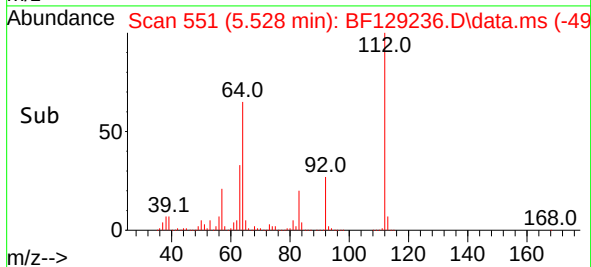
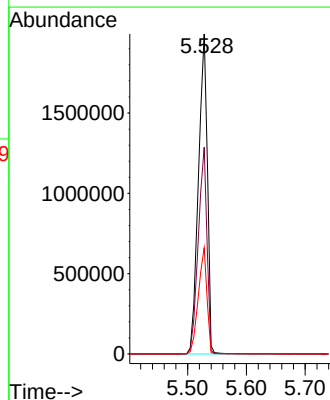
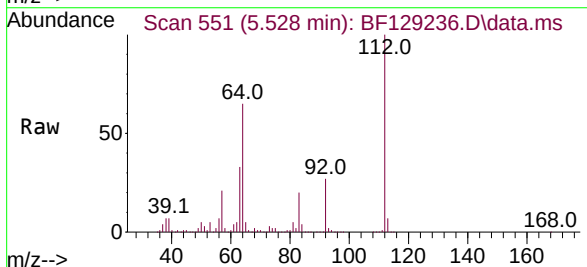
Instrument :
BNA_F
ClientSampleId :
PB146202TB

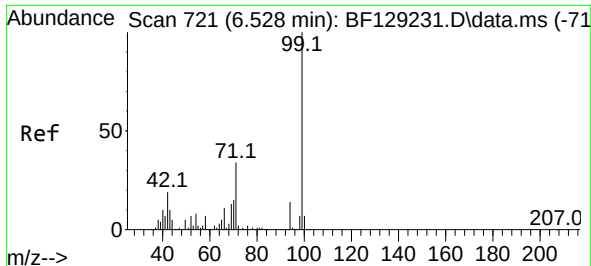
Tgt Ion:152 Resp: 339340
Ion Ratio Lower Upper
152 100
150 155.4 123.7 185.5
115 64.2 49.9 74.9



#5
2-Fluorophenol
Concen: 98.895 ng
RT: 5.528 min Scan# 551
Delta R.T. 0.012 min
Lab File: BF129236.D
Acq: 15 Jul 2022 14:00

Tgt Ion:112 Resp: 2101305
Ion Ratio Lower Upper
112 100
64 64.6 53.3 79.9
63 33.2 28.0 42.0

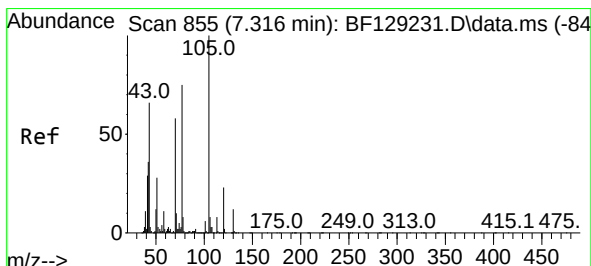
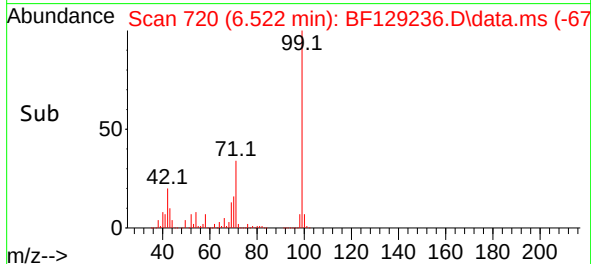
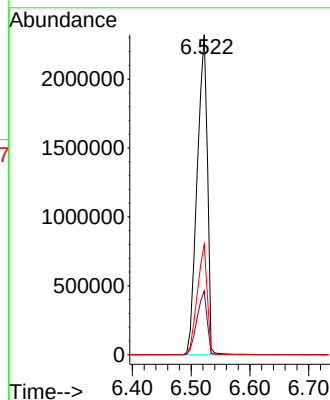
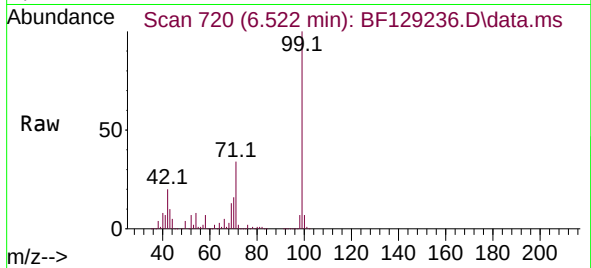




#7
Phenol-d6
Concen: 101.876 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129236.D
Acq: 15 Jul 2022 14:00

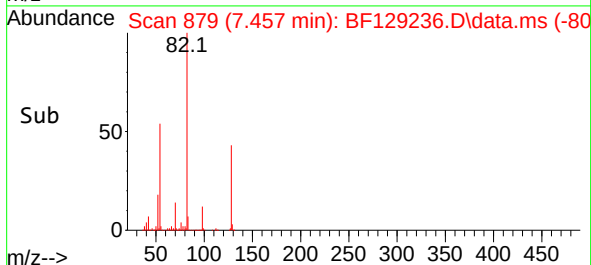
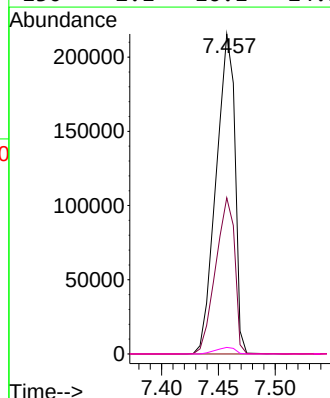
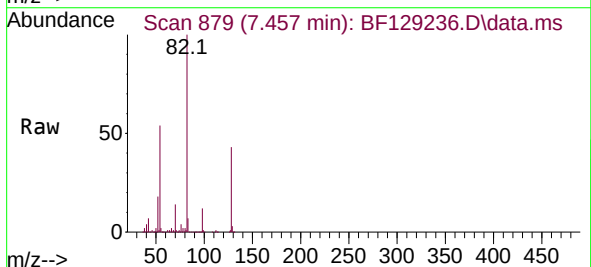
Instrument :
BNA_F
ClientSampleId :
PB146202TB

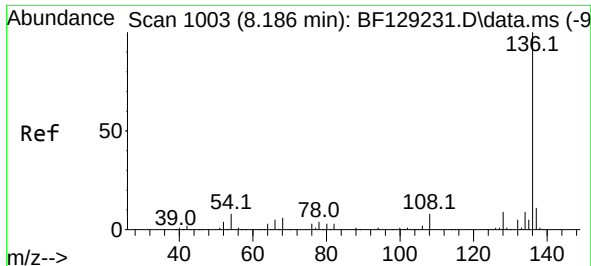
Tgt Ion: 99 Resp: 2799669
Ion Ratio Lower Upper
99 100
42 19.9 17.3 25.9
71 34.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.406 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.141 min
Lab File: BF129236.D
Acq: 15 Jul 2022 14:00

Tgt Ion: 70 Resp: 249029
Ion Ratio Lower Upper
70 100
42 48.8 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: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129236.D

Acq: 15 Jul 2022 14:00

Instrument :

BNA_F

ClientSampleId :

PB146202TB

Tgt Ion:136 Resp: 1417668

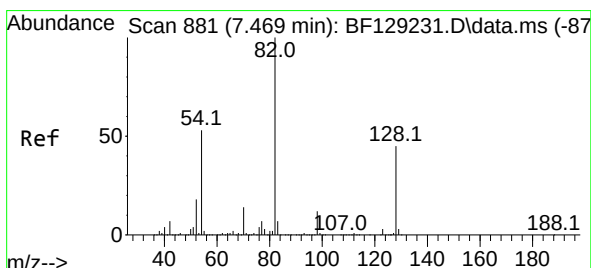
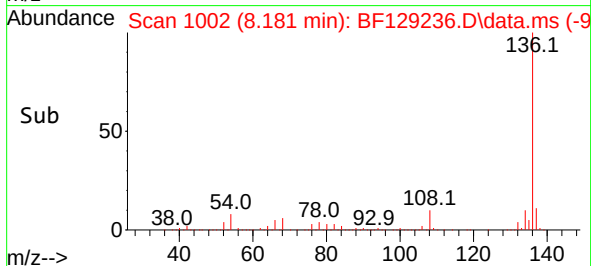
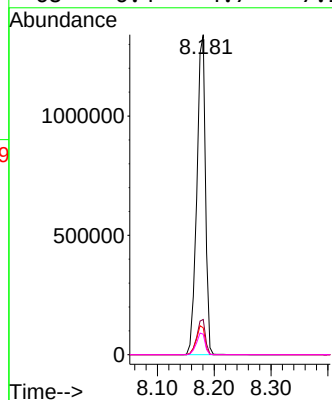
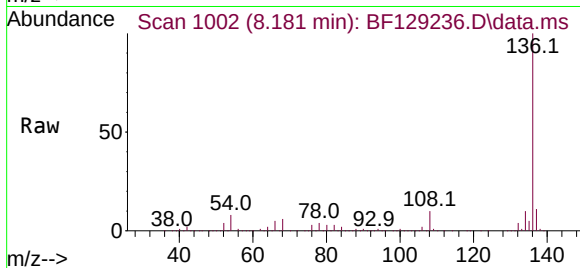
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.4 7.5 11.3

68 6.4 4.7 7.1



#23

Nitrobenzene-d5

Concen: 70.023 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.012 min

Lab File: BF129236.D

Acq: 15 Jul 2022 14:00

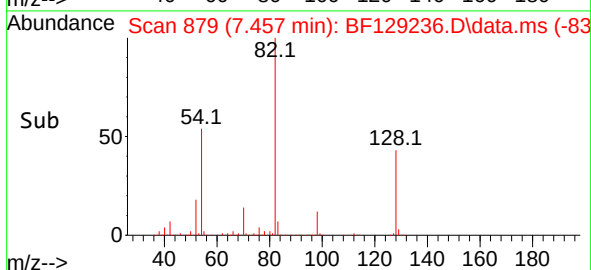
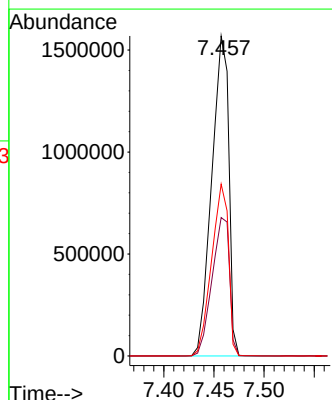
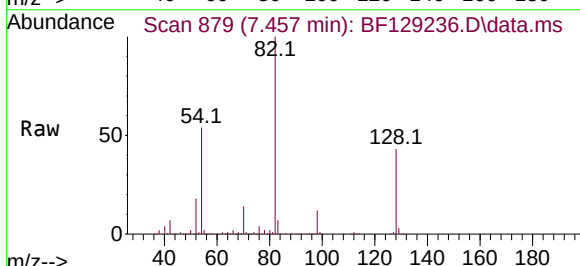
Tgt Ion: 82 Resp: 1857086

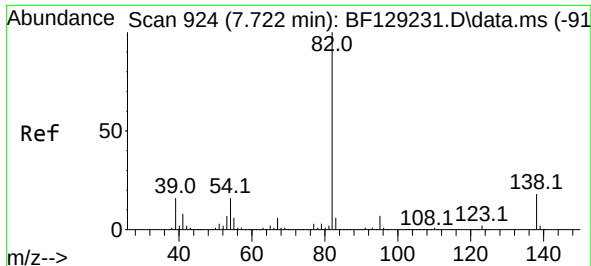
Ion Ratio Lower Upper

82 100

128 43.3 34.0 51.0

54 53.7 46.9 70.3

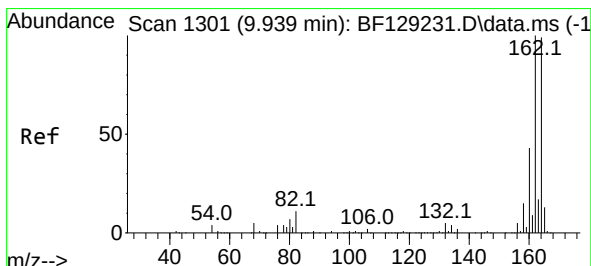
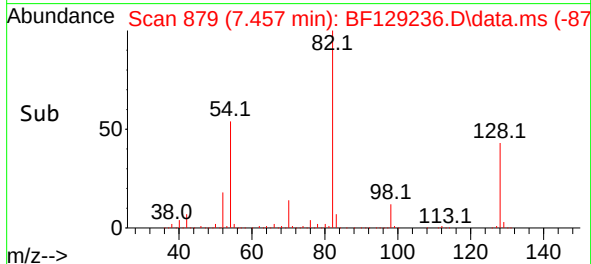
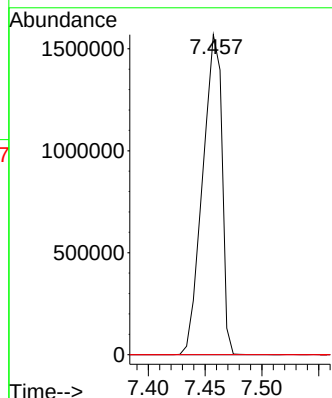
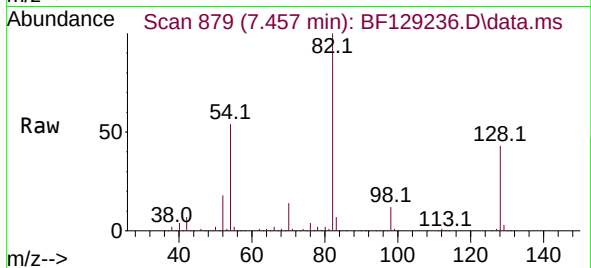




#25
Isophorone
Concen: 41.605 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF129236.D
Acq: 15 Jul 2022 14:00

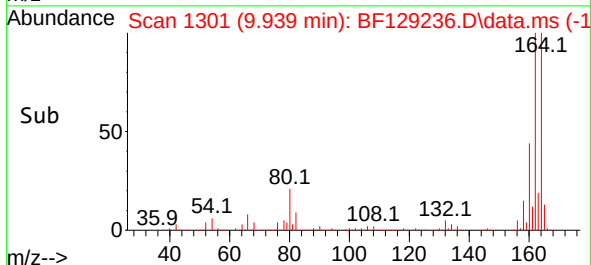
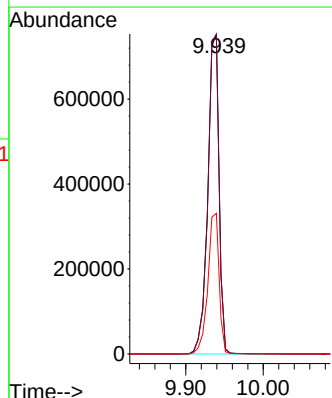
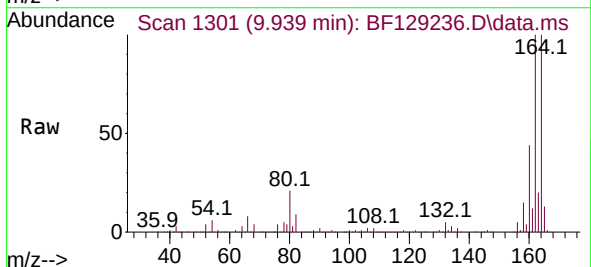
Instrument :
BNA_F
ClientSampleId :
PB146202TB

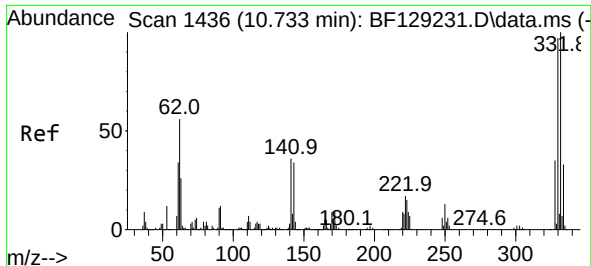
Tgt Ion: 82 Resp: 1854480
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF129236.D
Acq: 15 Jul 2022 14:00

Tgt Ion:164 Resp: 758991
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 44.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 110.059 ng

RT: 10.728 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF129236.D

Acq: 15 Jul 2022 14:00

Instrument :

BNA_F

ClientSampleId :

PB146202TB

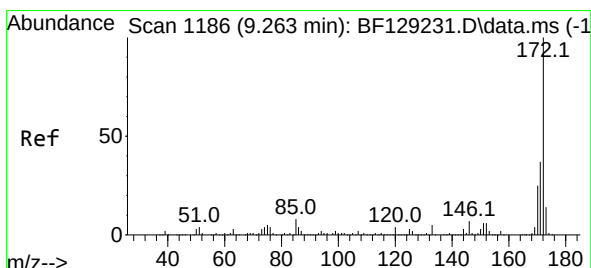
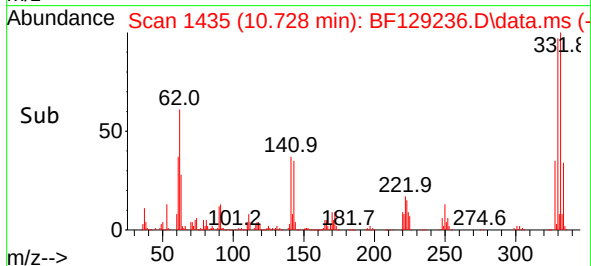
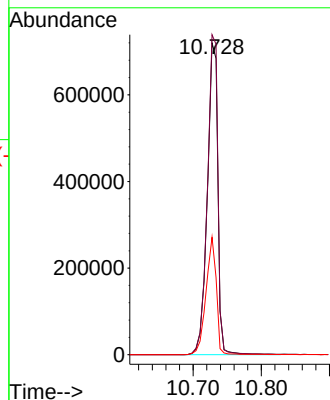
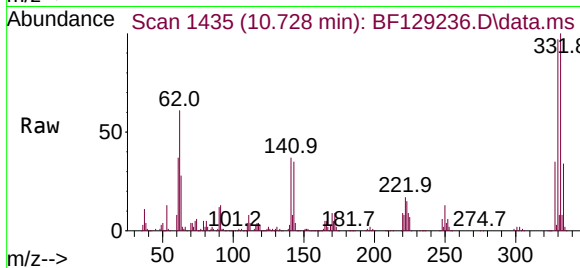
Tgt Ion:330 Resp: 775337

Ion Ratio Lower Upper

330 100

332 103.1 76.8 115.2

141 37.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 72.231 ng

RT: 9.257 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF129236.D

Acq: 15 Jul 2022 14:00

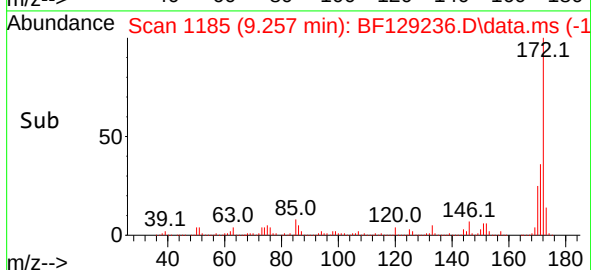
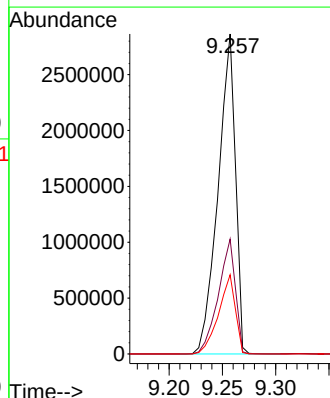
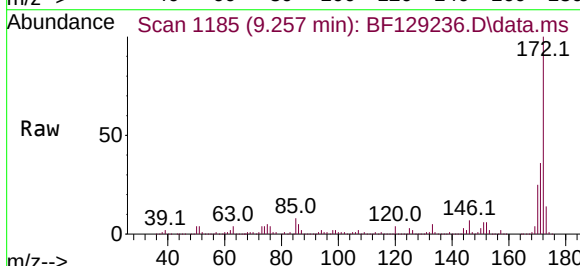
Tgt Ion:172 Resp: 3235886

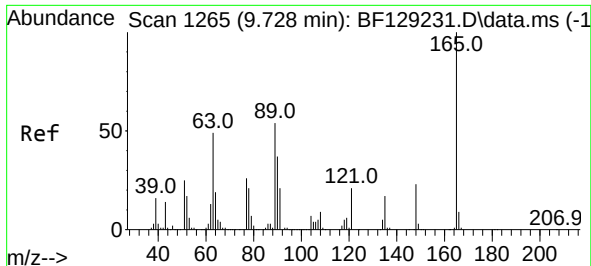
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.8 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.300 ng

RT: 9.934 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF129236.D

Acq: 15 Jul 2022 14:00

Instrument :

BNA_F

ClientSampleId :

PB146202TB

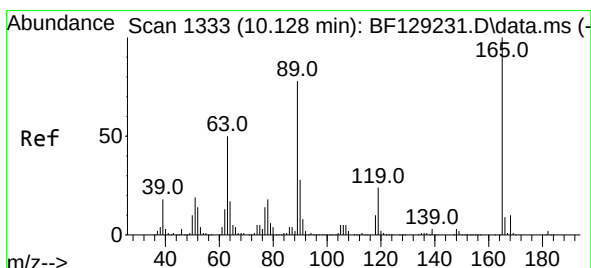
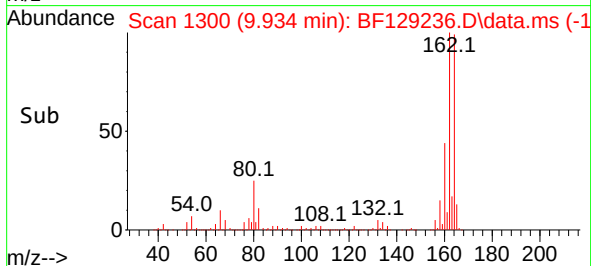
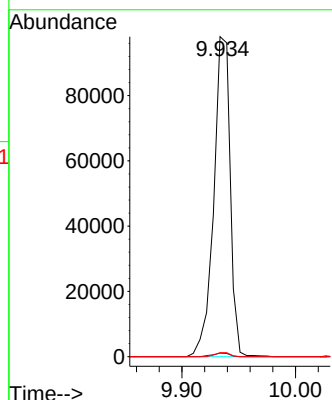
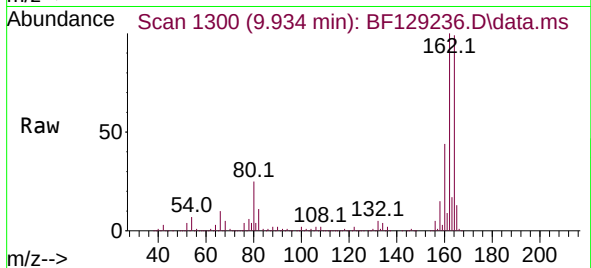
Tgt Ion:165 Resp: 99117

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.3 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.092 ng

RT: 9.934 min Scan# 1300

Delta R.T. -0.194 min

Lab File: BF129236.D

Acq: 15 Jul 2022 14:00

Tgt Ion:165 Resp: 99117

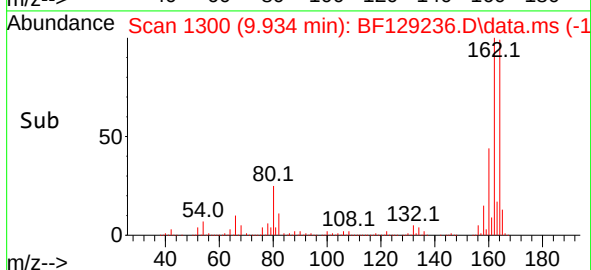
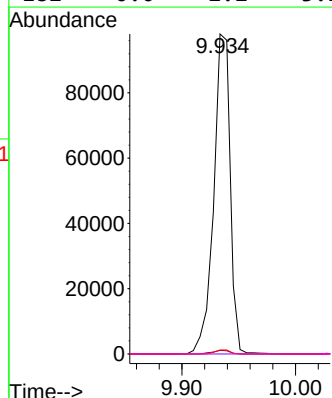
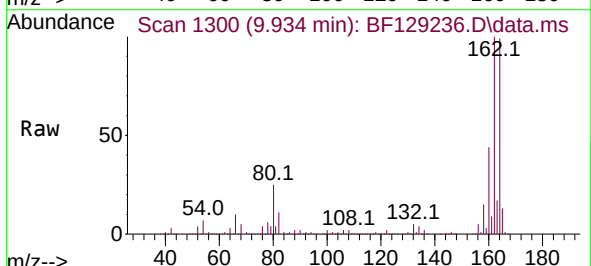
Ion Ratio Lower Upper

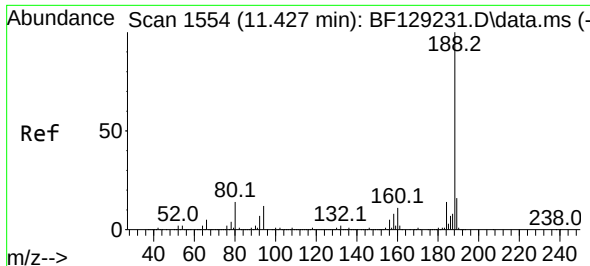
165 100

63 1.1 39.8 59.6#

89 1.3 60.2 90.2#

182 0.0 2.2 3.2#

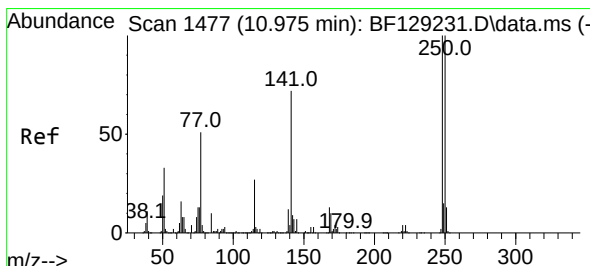
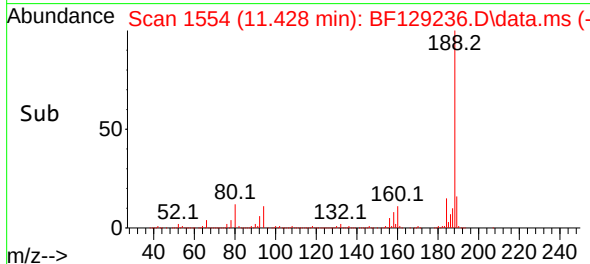
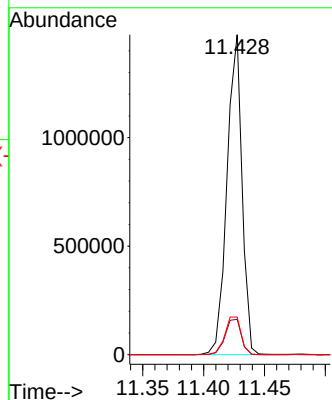
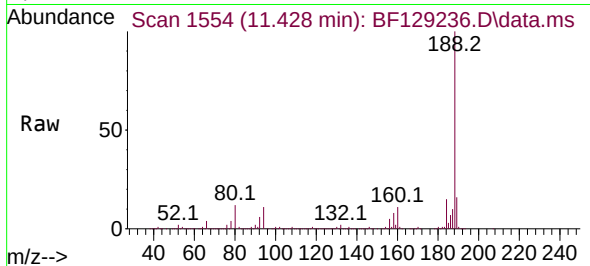




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF129236.D
Acq: 15 Jul 2022 14:00

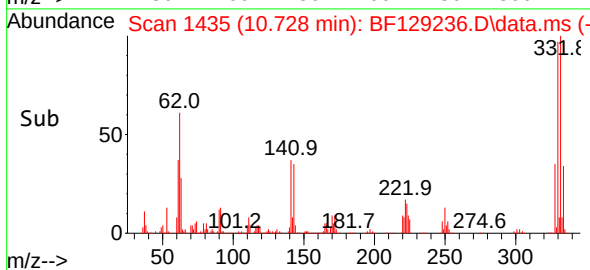
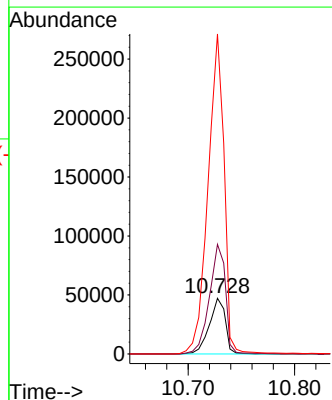
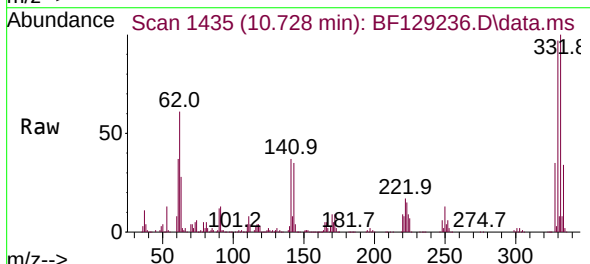
Instrument :
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ClientSampleId :
PB146202TB

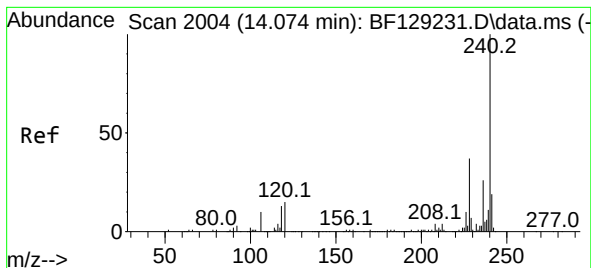
Tgt Ion:188 Resp: 1269919
Ion Ratio Lower Upper
188 100
94 11.0 7.0 10.6#
80 11.7 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 3.705 ng
RT: 10.728 min Scan# 1435
Delta R.T. -0.247 min
Lab File: BF129236.D
Acq: 15 Jul 2022 14:00

Tgt Ion:248 Resp: 49535
Ion Ratio Lower Upper
248 100
250 197.1 80.6 120.8#
141 575.3 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2004

Delta R.T. -0.006 min

Lab File: BF129236.D

Acq: 15 Jul 2022 14:00

Instrument :

BNA_F

ClientSampleId :

PB146202TB

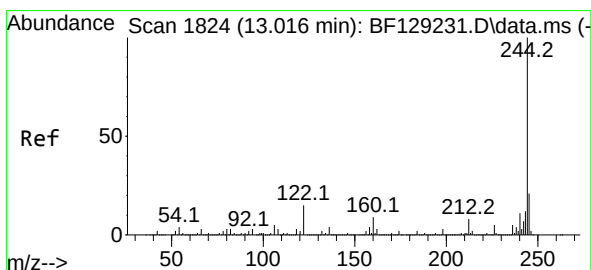
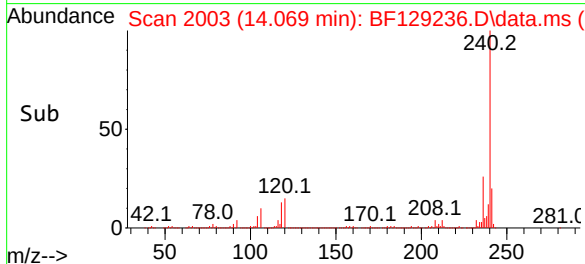
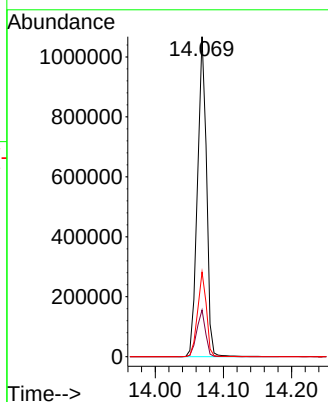
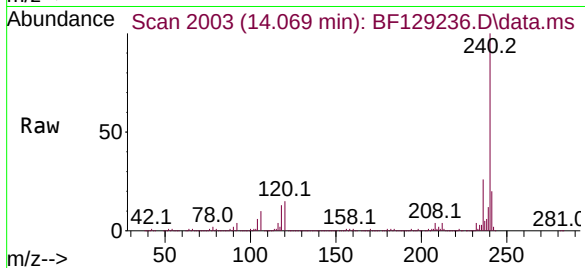
Tgt Ion:240 Resp: 978334

Ion Ratio Lower Upper

240 100

120 14.6 8.9 13.3#

236 26.5 20.8 31.2



#79

Terphenyl-d14

Concen: 68.299 ng

RT: 13.016 min Scan# 1824

Delta R.T. 0.000 min

Lab File: BF129236.D

Acq: 15 Jul 2022 14:00

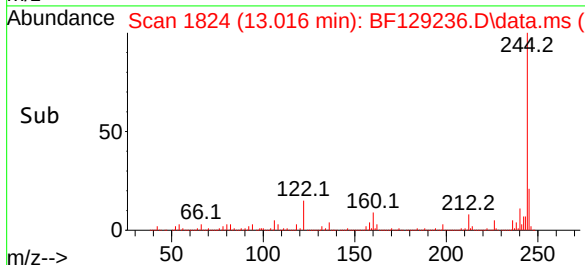
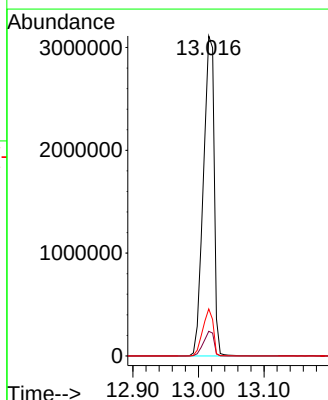
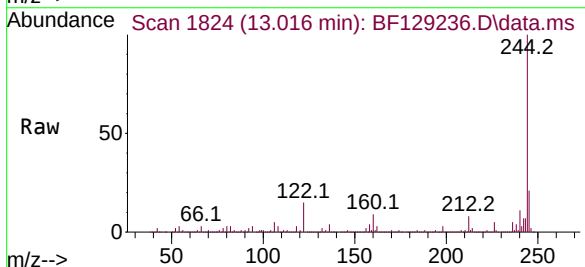
Tgt Ion:244 Resp: 3571892

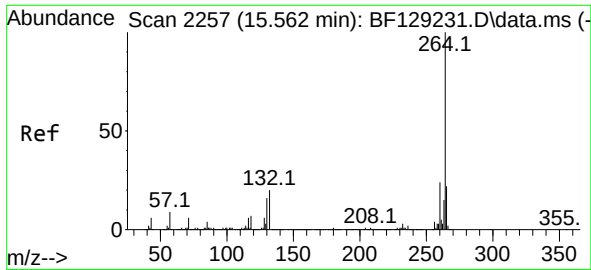
Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

122 14.7 8.8 13.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129236.D

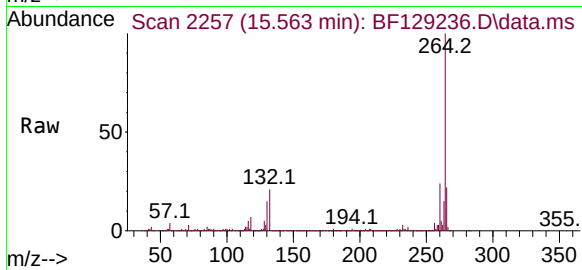
Acq: 15 Jul 2022 14:00

Instrument :

BNA_F

ClientSampleId :

PB146202TB



Tgt Ion:264 Resp: 794559

Ion Ratio Lower Upper

264 100

260 24.3 18.4 27.6

265 21.6 17.2 25.8

