

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
 Data File : BM029651.D
 Acq On : 26 Apr 2021 16:00
 Operator : CG/JU
 Sample : M2159-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BU-03-042321

Quant Time: Apr 26 17:22:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 26 15:01:01 2021
 Response via : Initial Calibration

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

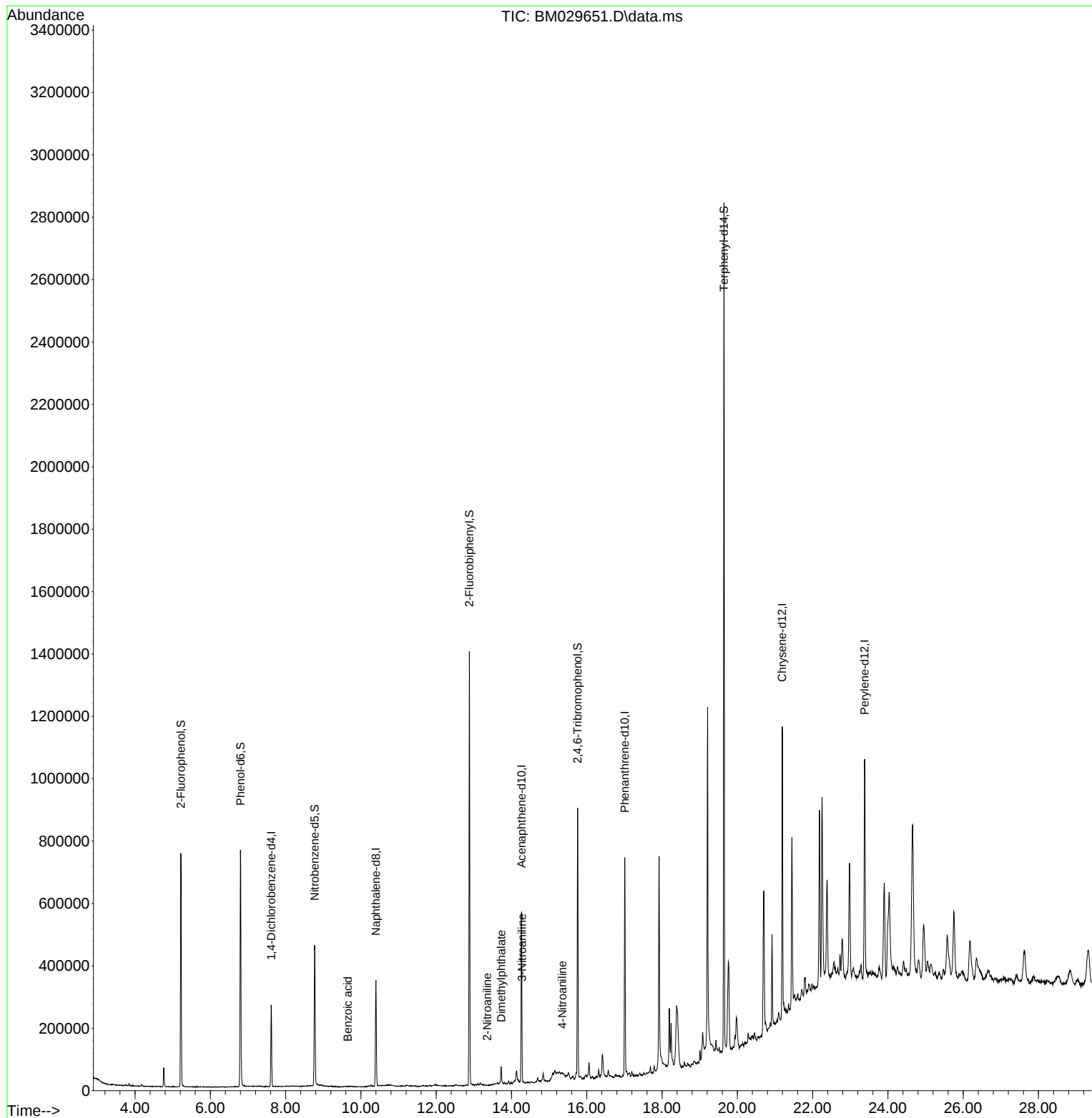
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	68872	20.00	ng	0.00
21) Naphthalene-d8	10.398	136	263119	20.00	ng	0.00
39) Acenaphthene-d10	14.269	164	183036	20.00	ng	0.00
64) Phenanthrene-d10	17.010	188	416320	20.00	ng	0.00
76) Chrysene-d12	21.192	240	456059	20.00	ng	0.00
86) Perylene-d12	23.380	264	475030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	298040	86.76	ng	0.00
7) Phenol-d6	6.799	99	395763	77.13	ng	0.00
23) Nitrobenzene-d5	8.769	82	259602	50.82	ng	0.00
42) 2,4,6-Tribromophenol	15.757	330	151879	60.00	ng	0.00
45) 2-Fluorobiphenyl	12.880	172	708843	52.56	ng	0.00
79) Terphenyl-d14	19.645	244	1164104	48.39	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.651	122	55	7.23	ng	# 20
48) 2-Nitroaniline	13.357	65	308	2.96	ng	# 4
50) Dimethylphthalate	13.727	163	30943	2.24	ng	97
53) 3-Nitroaniline	14.280	138	111	3.02	ng	# 1
62) 4-Nitroaniline	15.351	138	67	3.48	ng	# 5

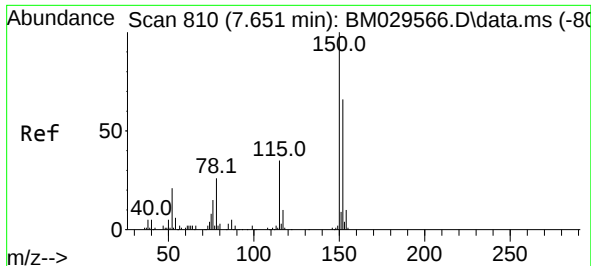
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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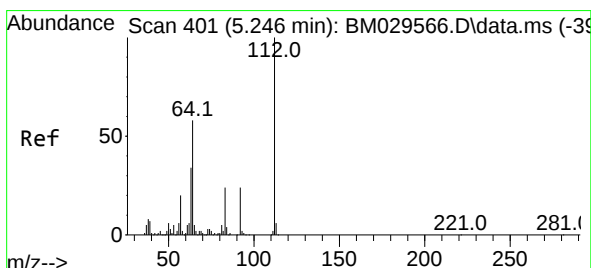
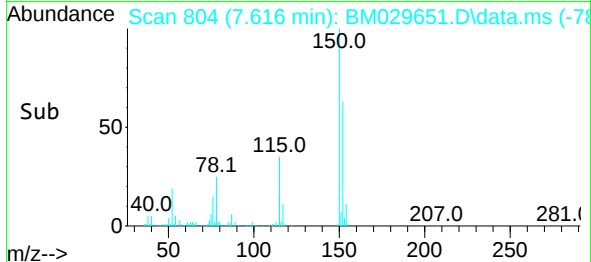
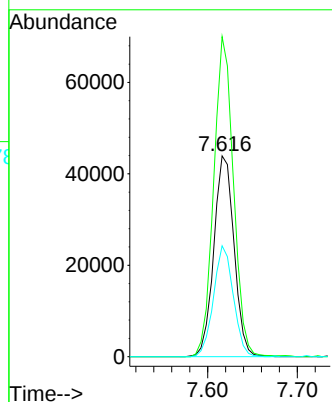
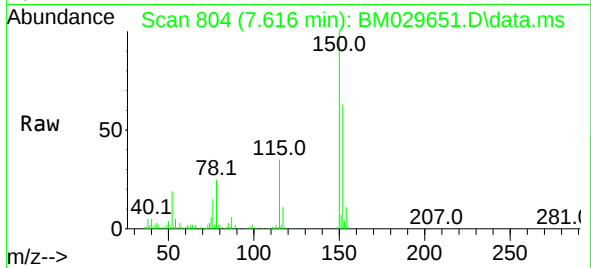




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM029651.D
Acq: 26 Apr 2021 16:00

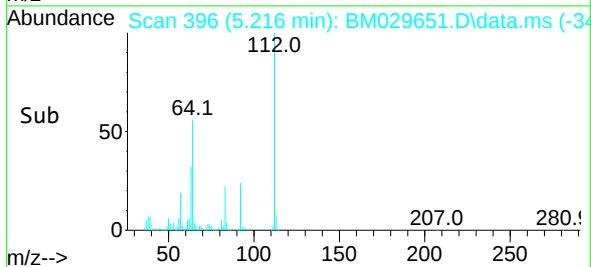
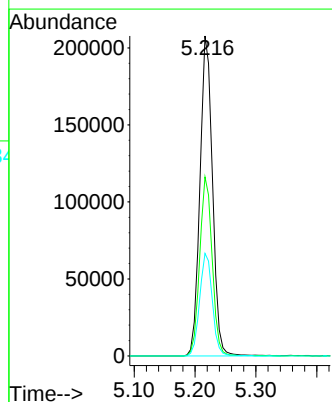
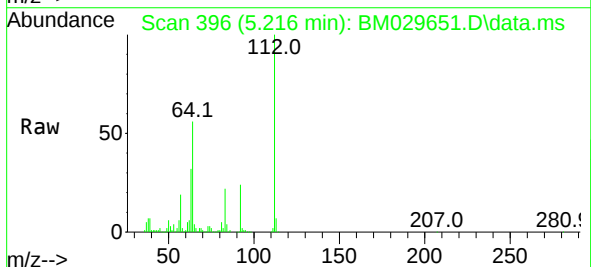
Instrument :
BNA_M
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BU-03-042321

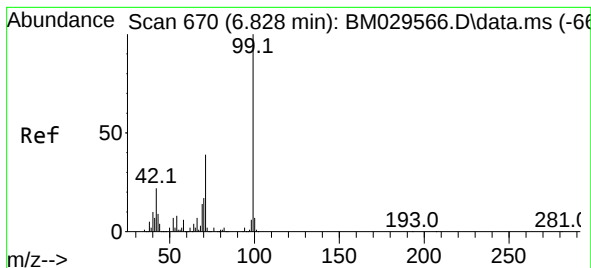
Tgt Ion:152 Resp: 68872
Ion Ratio Lower Upper
152 100
150 159.3 125.9 188.9
115 55.2 44.6 67.0



#5
2-Fluorophenol
Concen: 86.76 ng
RT: 5.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM029651.D
Acq: 26 Apr 2021 16:00

Tgt Ion:112 Resp: 298040
Ion Ratio Lower Upper
112 100
64 55.9 47.1 70.7
63 32.0 27.3 40.9

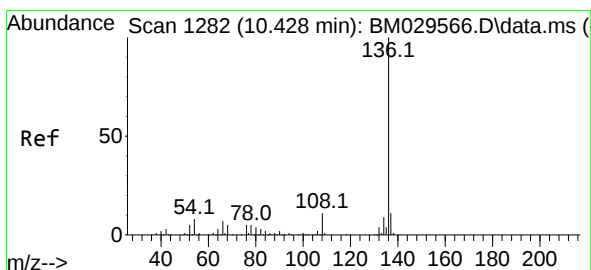
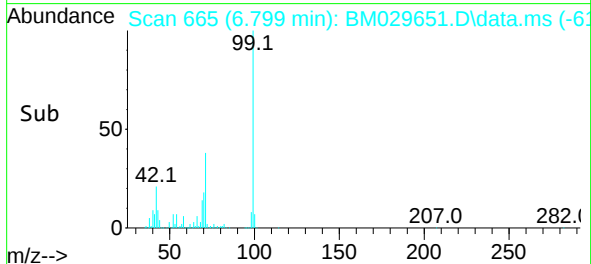
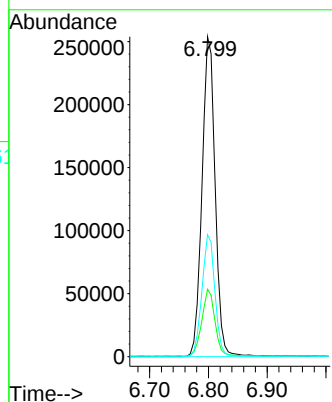
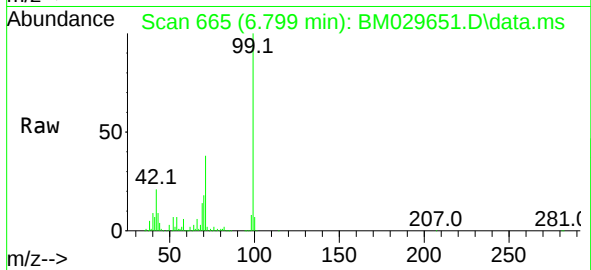




#7
Phenol-d6
Concen: 77.13 ng
RT: 6.799 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM029651.D
Acq: 26 Apr 2021 16:00

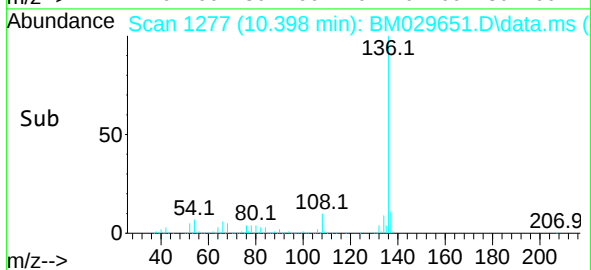
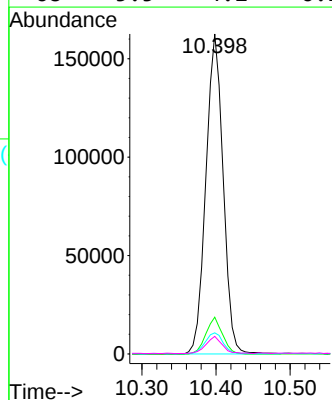
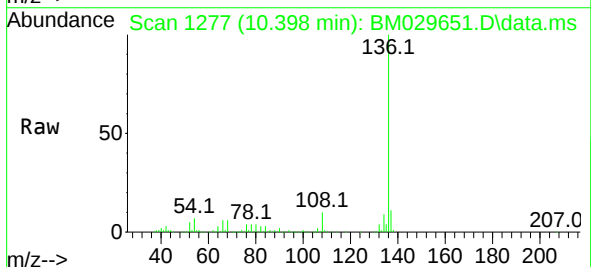
Instrument :
BNA_M
ClientSampleId :
BU-03-042321

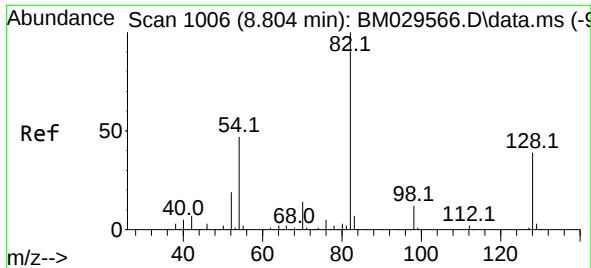
Tgt Ion: 99 Resp: 395763
Ion Ratio Lower Upper
99 100
42 21.1 18.0 27.0
71 38.1 30.9 46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.398 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BM029651.D
Acq: 26 Apr 2021 16:00

Tgt Ion: 136 Resp: 263119
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 6.6 5.5 8.3
68 5.5 4.2 6.2

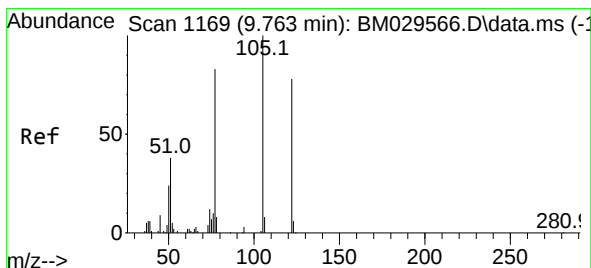
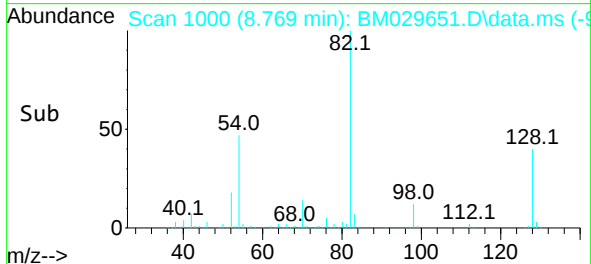
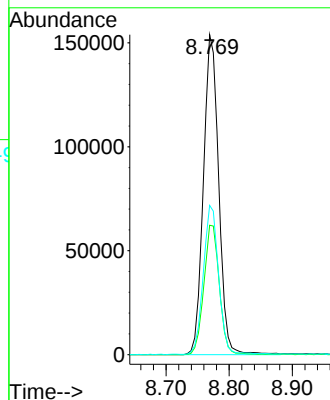
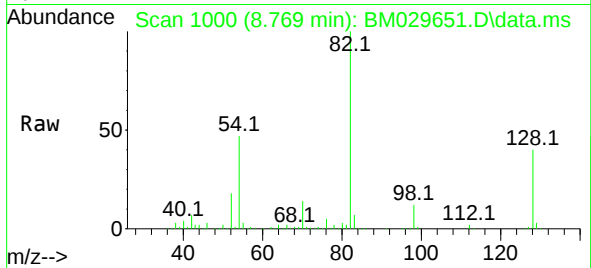




#23
Nitrobenzene-d5
Concen: 50.82 ng
RT: 8.769 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BM029651.D
Acq: 26 Apr 2021 16:00

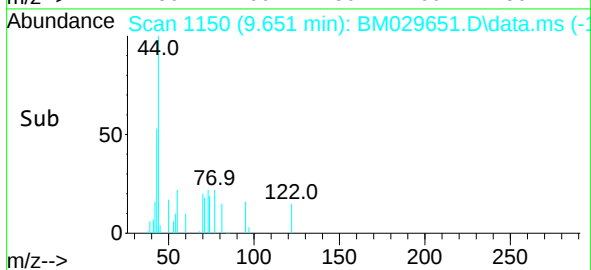
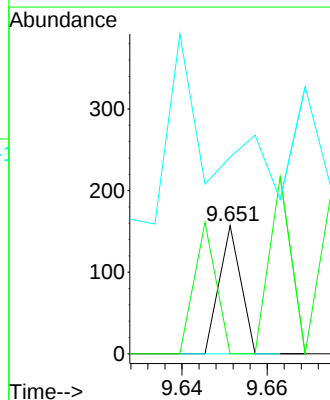
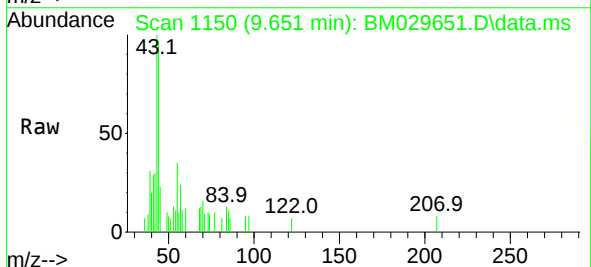
Instrument :
BNA_M
ClientSampleId :
BU-03-042321

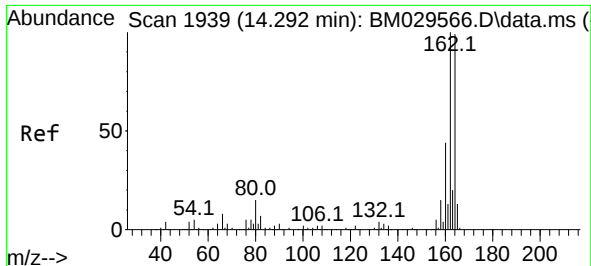
Tgt Ion: 82 Resp: 259602
Ion Ratio Lower Upper
82 100
128 40.5 31.1 46.7
54 46.6 37.3 55.9



#32
Benzoic acid
Concen: 7.23 ng
RT: 9.651 min Scan# 1150
Delta R.T. -0.082 min
Lab File: BM029651.D
Acq: 26 Apr 2021 16:00

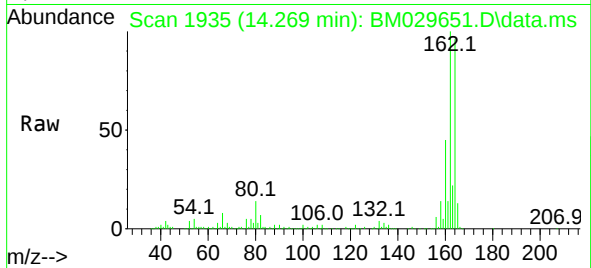
Tgt Ion: 122 Resp: 55
Ion Ratio Lower Upper
122 100
105 0.0 107.3 147.3#
77 153.5 88.0 128.0#



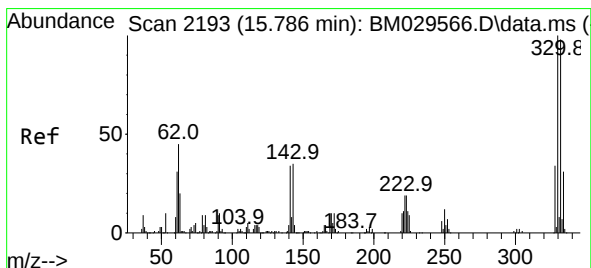
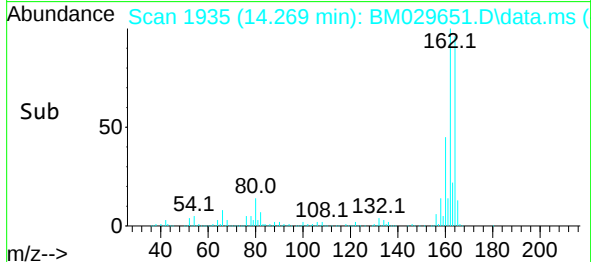
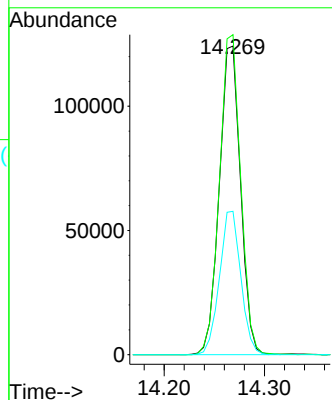


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.269 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BM029651.D
Acq: 26 Apr 2021 16:00

Instrument :
BNA_M
ClientSampleId :
BU-03-042321

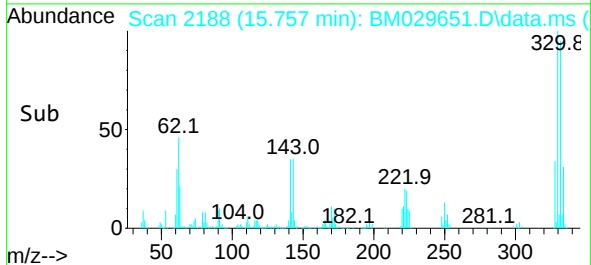
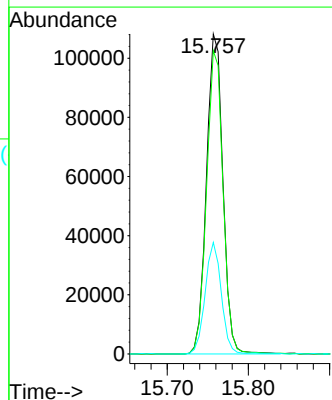
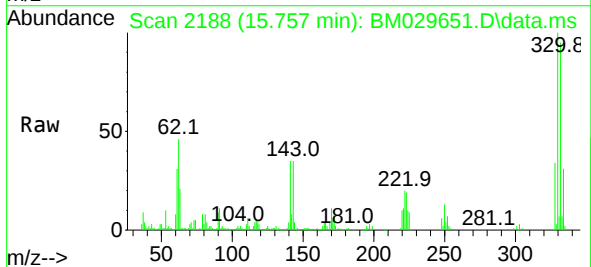


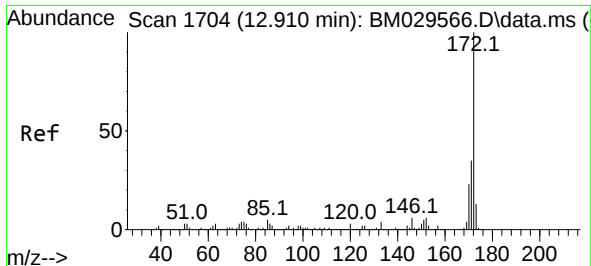
Tgt Ion:164 Resp: 183036
Ion Ratio Lower Upper
164 100
162 103.7 83.4 125.0
160 46.4 37.2 55.8



#42
2,4,6-Tribromophenol
Concen: 60.00 ng
RT: 15.757 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BM029651.D
Acq: 26 Apr 2021 16:00

Tgt Ion:330 Resp: 151879
Ion Ratio Lower Upper
330 100
332 95.0 77.0 115.4
141 34.2 30.2 45.2

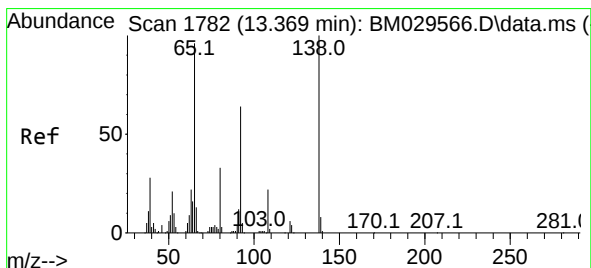
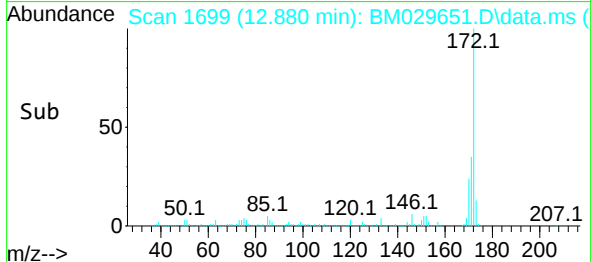
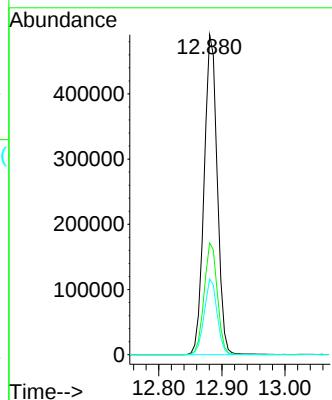
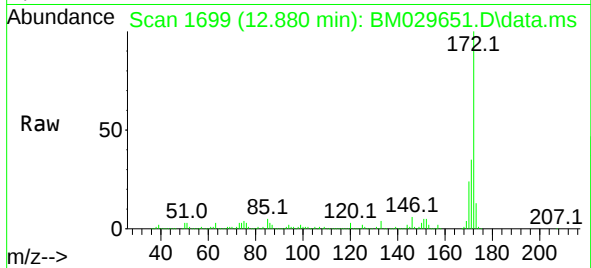




#45
2-Fluorobiphenyl
Concen: 52.56 ng
RT: 12.880 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM029651.D
Acq: 26 Apr 2021 16:00

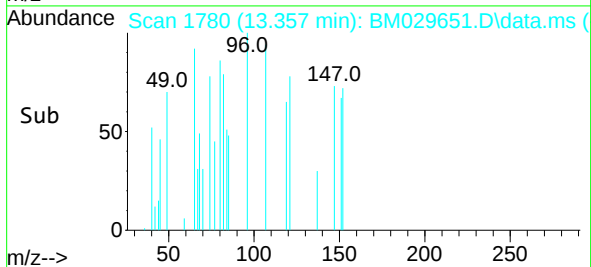
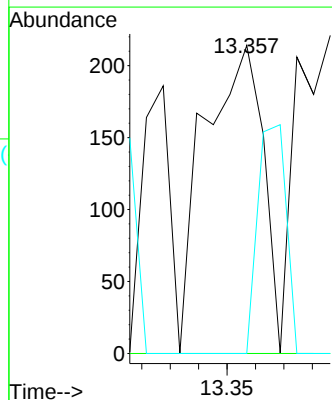
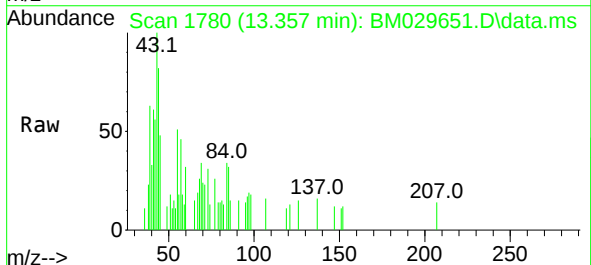
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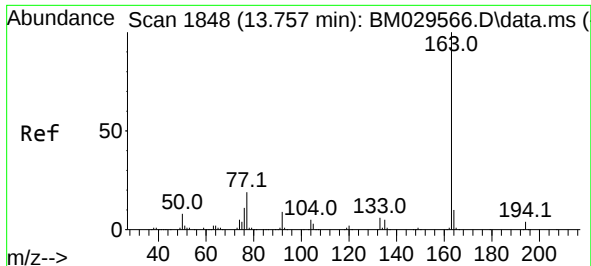
Tgt Ion:172 Resp: 708843
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.6 18.4 27.6



#48
2-Nitroaniline
Concen: 2.96 ng
RT: 13.357 min Scan# 1780
Delta R.T. 0.012 min
Lab File: BM029651.D
Acq: 26 Apr 2021 16:00

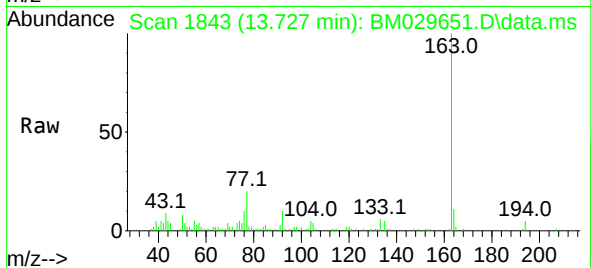
Tgt Ion: 65 Resp: 308
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



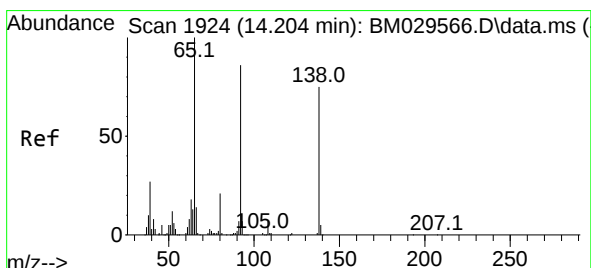
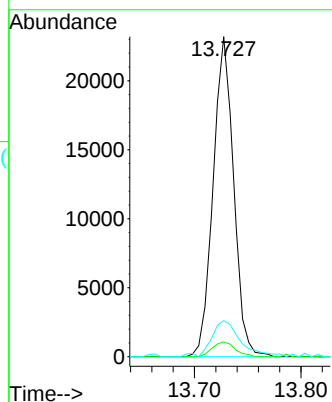
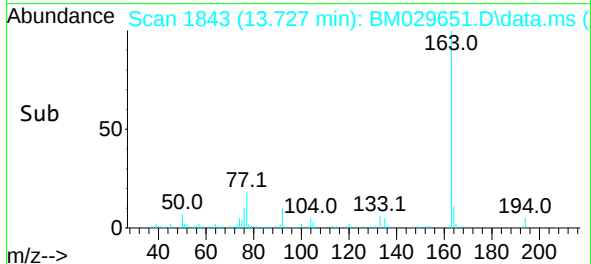


#50
Dimethylphthalate
Concen: 2.24 ng
RT: 13.727 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM029651.D
Acq: 26 Apr 2021 16:00

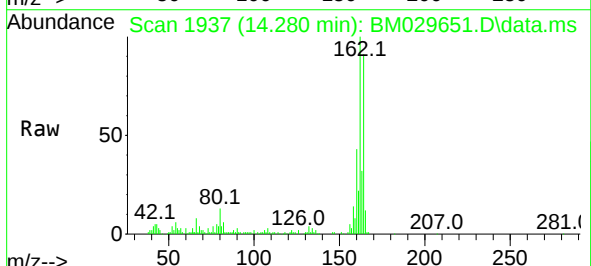
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ClientSampleId :
BU-03-042321



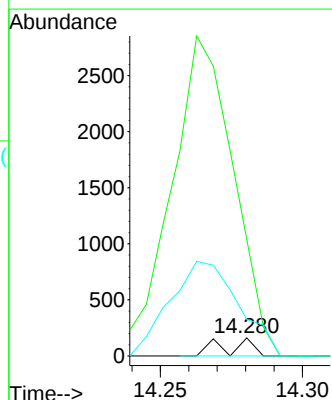
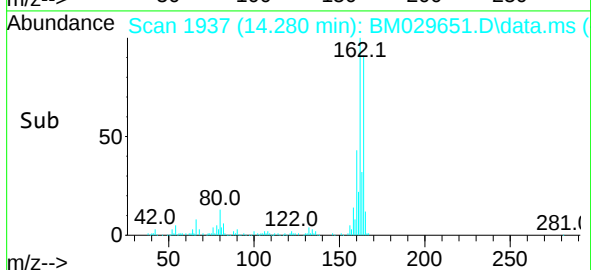
Tgt Ion:163 Resp: 30943
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 11.2 7.9 11.9

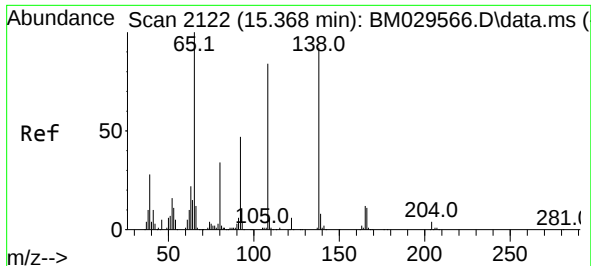


#53
3-Nitroaniline
Concen: 3.02 ng
RT: 14.280 min Scan# 1937
Delta R.T. 0.100 min
Lab File: BM029651.D
Acq: 26 Apr 2021 16:00



Tgt Ion:138 Resp: 111
Ion Ratio Lower Upper
138 100
108 646.0 7.7 11.5#
92 202.5 92.6 138.8#

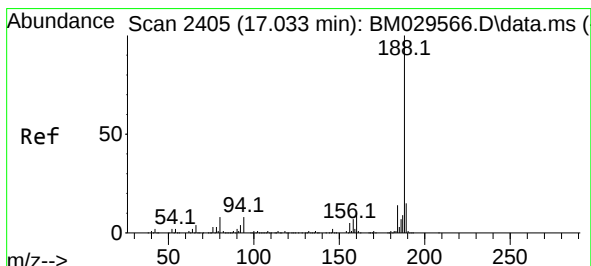
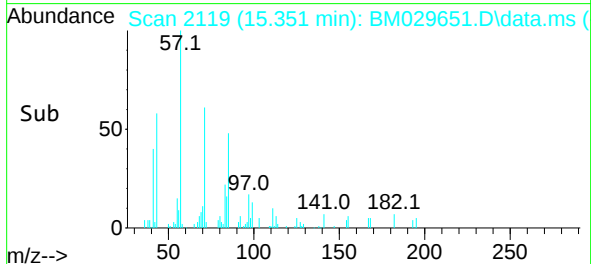
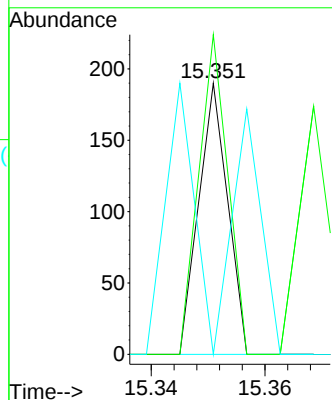
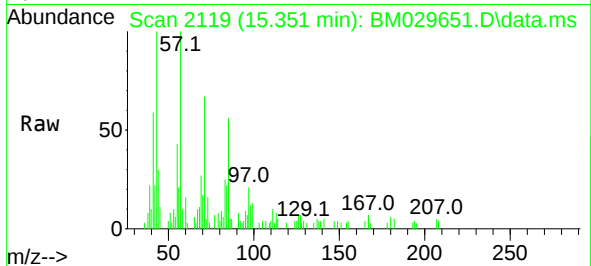




#62
4-Nitroaniline
Concen: 3.48 ng
RT: 15.351 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BM029651.D
Acq: 26 Apr 2021 16:00

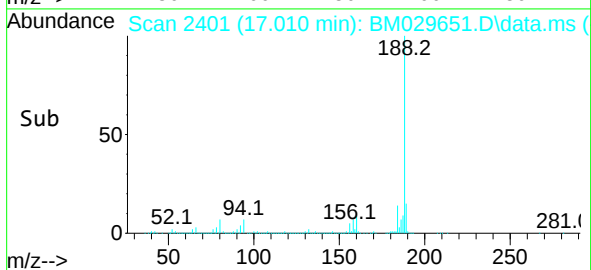
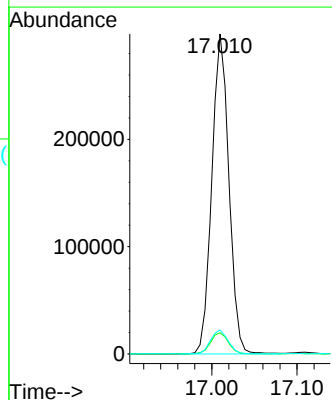
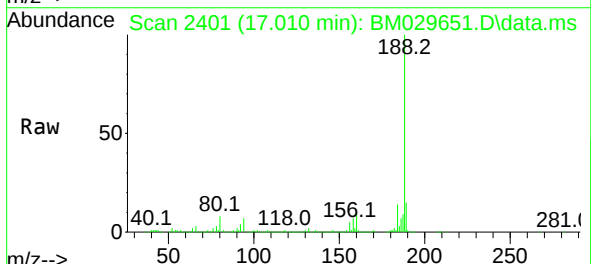
Instrument :
BNA_M
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BU-03-042321

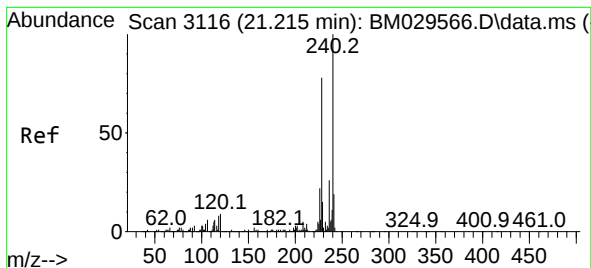
Tgt Ion:138 Resp: 67
Ion Ratio Lower Upper
138 100
92 117.9 33.4 73.4#
108 0.0 75.5 115.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.010 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM029651.D
Acq: 26 Apr 2021 16:00

Tgt Ion:188 Resp: 416320
Ion Ratio Lower Upper
188 100
94 6.6 6.0 9.0
80 7.5 6.6 9.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.192 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM029651.D

Acq: 26 Apr 2021 16:00

Tgt Ion:240 Resp: 456059

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

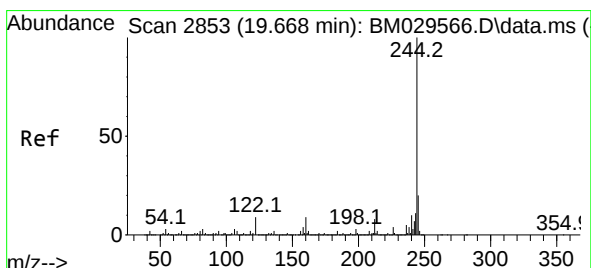
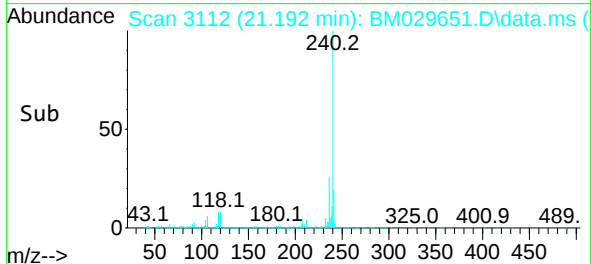
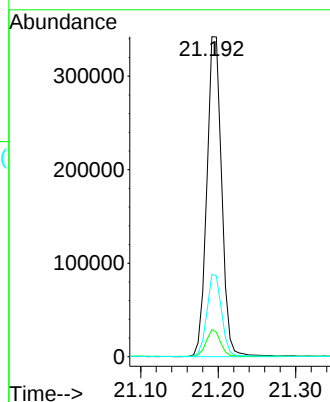
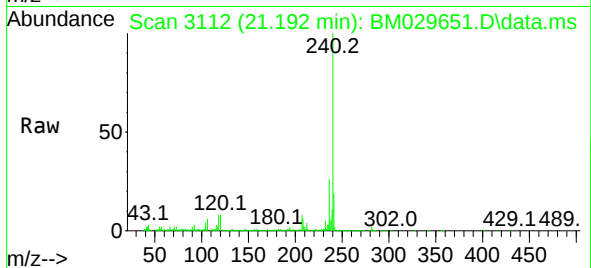
236 25.8 21.0 31.4

Instrument :

BNA_M

ClientSampleId :

BU-03-042321



#79

Terphenyl-d14

Concen: 48.39 ng

RT: 19.645 min Scan# 2849

Delta R.T. 0.000 min

Lab File: BM029651.D

Acq: 26 Apr 2021 16:00

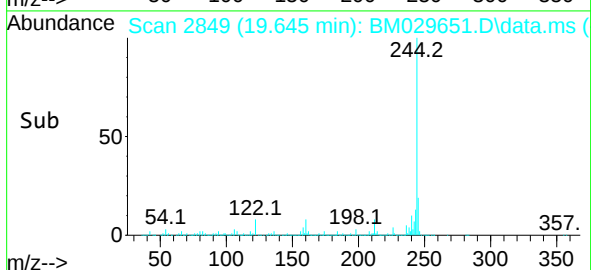
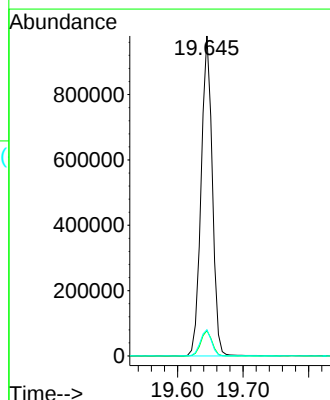
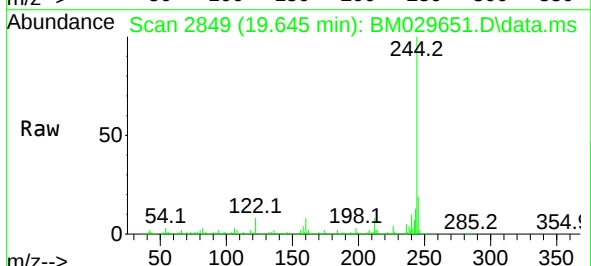
Tgt Ion:244 Resp: 1164104

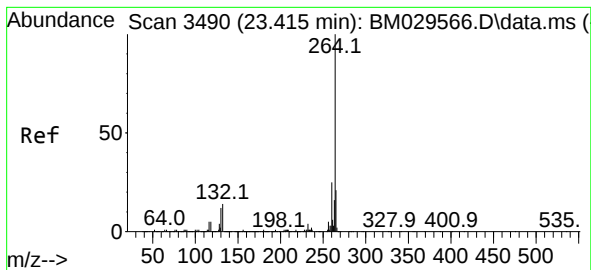
Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

122 8.2 6.9 10.3





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.380 min Scan# 3484
 Delta R.T. 0.000 min
 Lab File: BM029651.D
 Acq: 26 Apr 2021 16:00

Instrument :
 BNA_M
 ClientSampleId :
 BU-03-042321

Tgt Ion:264 Resp: 475030
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.8 29.8
 265 22.0 17.7 26.5

