

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008486.D
 Acq On : 17 Dec 2021 23:32
 Operator : CG/JU
 Sample : M4873-07DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A2-8-6.5DL

Quant Time: Dec 18 07:48:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 18 06:49:58 2021
 Response via : Initial Calibration

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

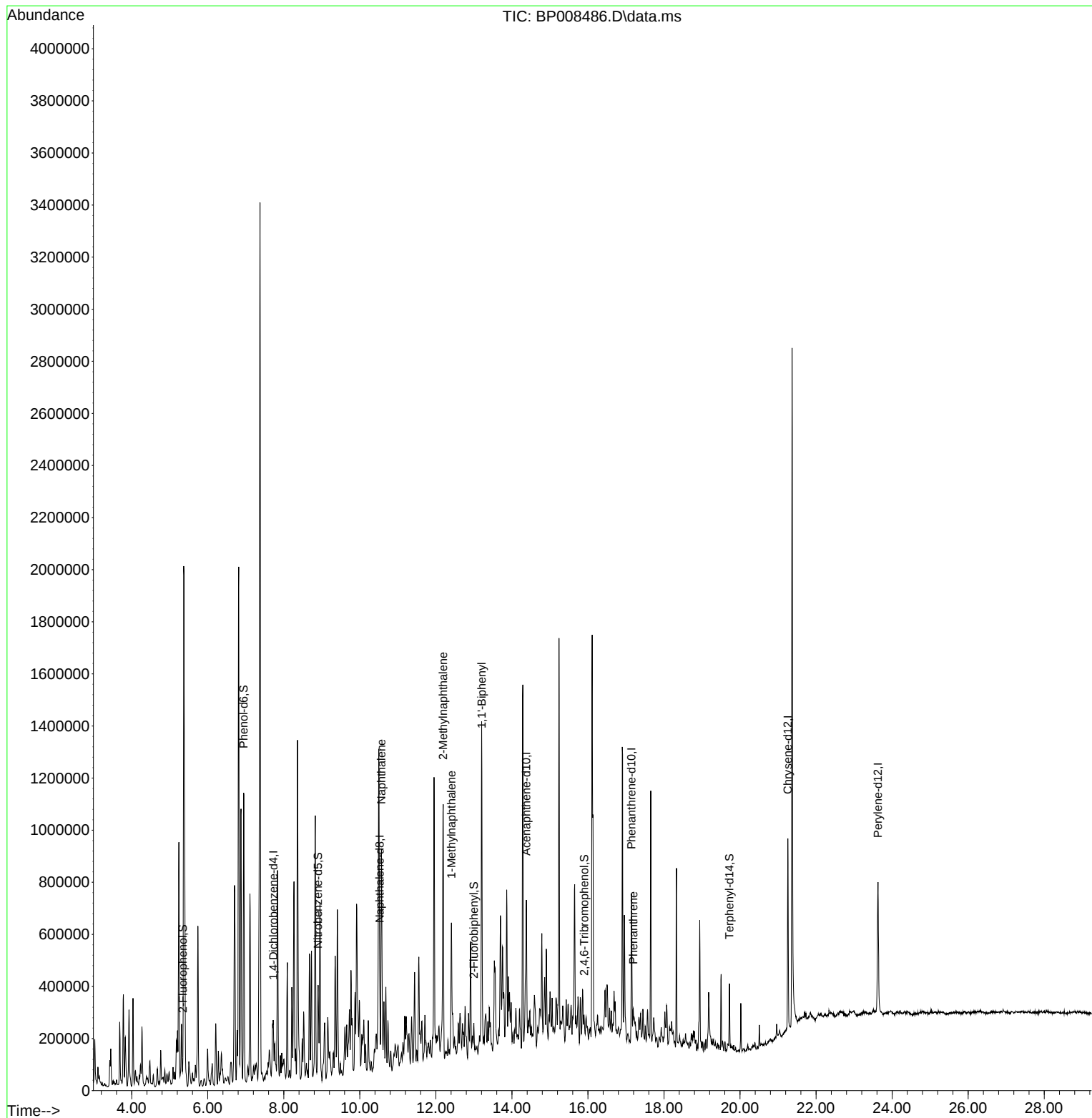
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	61535	20.000	ng	0.00
21) Naphthalene-d8	10.522	136	228592	20.000	ng	0.00
39) Acenaphthene-d10	14.380	164	150691	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	320921	20.000	ng	0.00
76) Chrysene-d12	21.257	240	368222	20.000	ng	0.00
86) Perylene-d12	23.627	264	404368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	26393	6.774	ng	0.02
7) Phenol-d6	6.946	99	36487	6.972	ng	0.02
23) Nitrobenzene-d5	8.898	82	28499	5.282	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	11148	5.034	ng	0.01
45) 2-Fluorobiphenyl	12.998	172	63447	5.352	ng	0.00
79) Terphenyl-d14	19.721	244	107890	5.099	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.569	128	453393	37.822	ng	97
37) 2-Methylnaphthalene	12.192	142	442378	53.543	ng	98
38) 1-Methylnaphthalene	12.410	142	214632	26.683	ng	99
46) 1,1'-Biphenyl	13.210	154	32766	2.814	ng	99
71) Phenanthrene	17.192	178	67397	3.877	ng	97

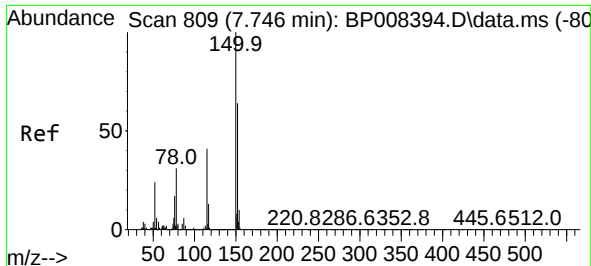
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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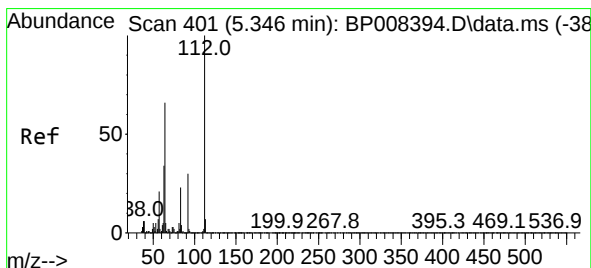
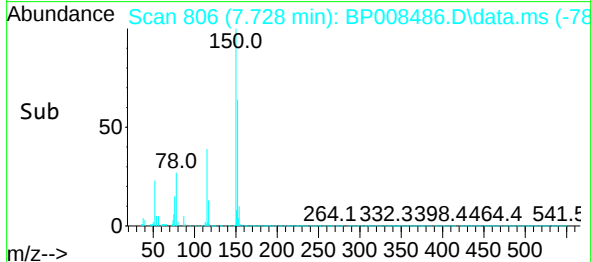
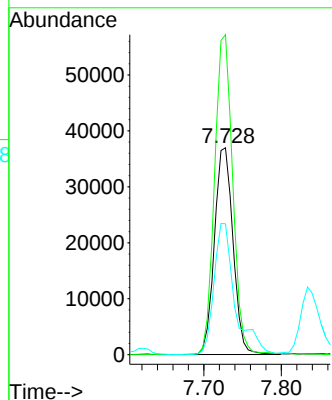
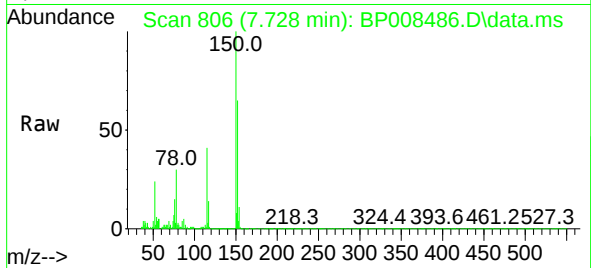




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 809
Delta R.T. -0.000 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

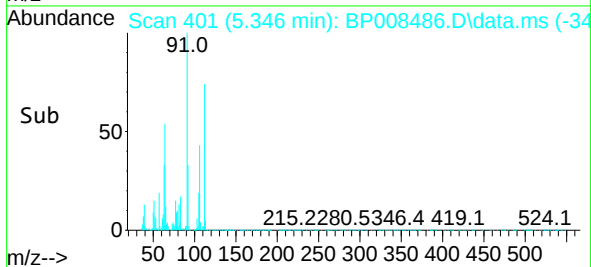
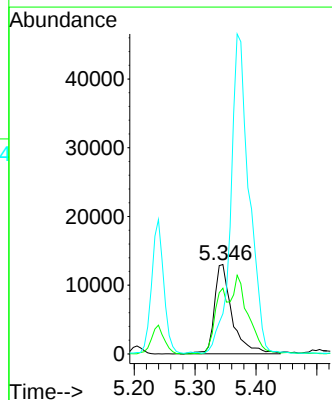
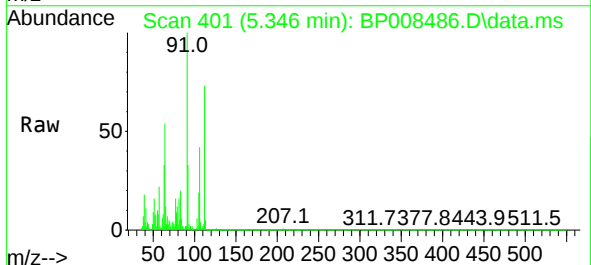
Instrument :
BNA_P
ClientSampleId :
A2-8-6.5DL

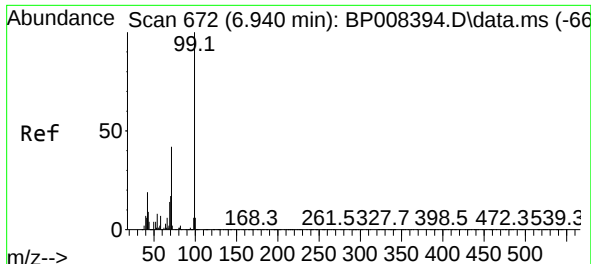
Tgt Ion:152 Resp: 61535
Ion Ratio Lower Upper
152 100
150 154.7 125.7 188.5
115 63.3 50.7 76.1



#5
2-Fluorophenol
Concen: 6.774 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.017 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Tgt Ion:112 Resp: 26393
Ion Ratio Lower Upper
112 100
64 73.4 53.4 80.2
63 45.2 27.8 41.8#





#7

Phenol-d6

Concen: 6.972 ng

RT: 6.946 min Scan# 61

Delta R.T. 0.017 min

Lab File: BP008486.D

Acq: 17 Dec 2021 23:32

Instrument :

BNA_P

ClientSampleId :

A2-8-6.5DL

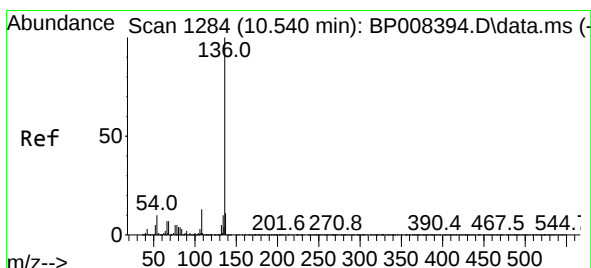
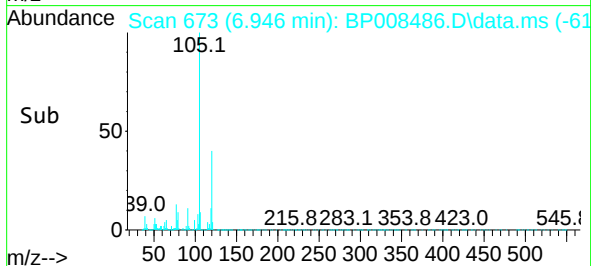
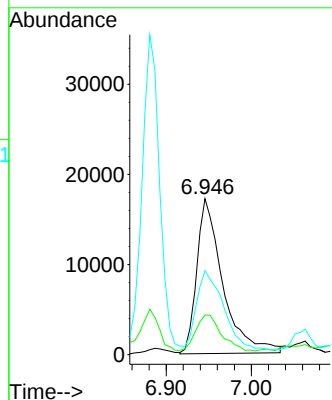
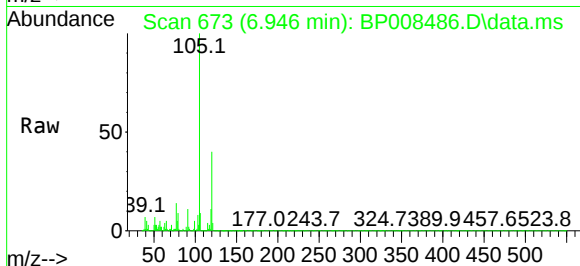
Tgt Ion: 99 Resp: 36487

Ion Ratio Lower Upper

99 100

42 25.5 14.6 22.0#

71 53.8 31.1 46.7#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.522 min Scan# 1281

Delta R.T. -0.000 min

Lab File: BP008486.D

Acq: 17 Dec 2021 23:32

Tgt Ion:136 Resp: 228592

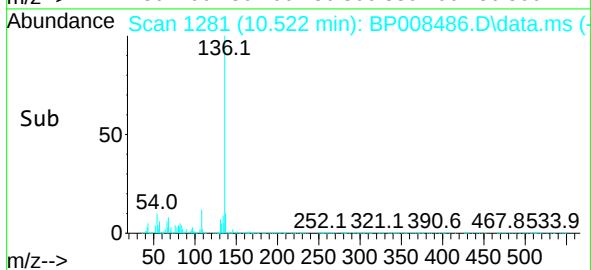
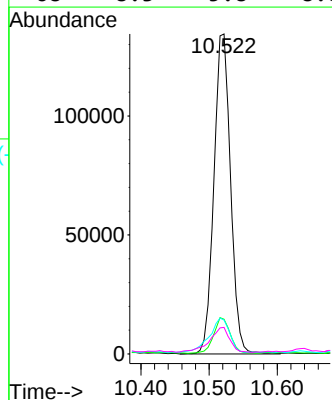
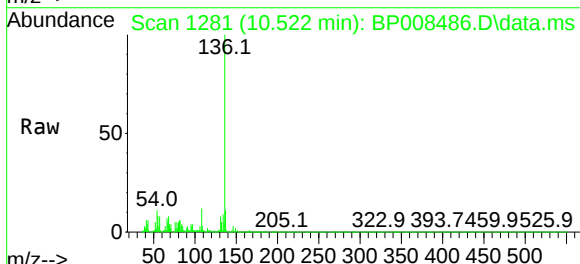
Ion Ratio Lower Upper

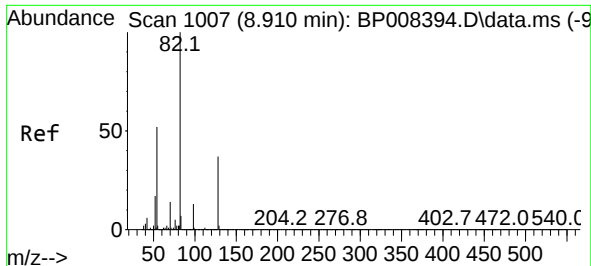
136 100

137 10.9 9.0 13.6

54 10.6 8.2 12.4

68 8.3 5.8 8.8

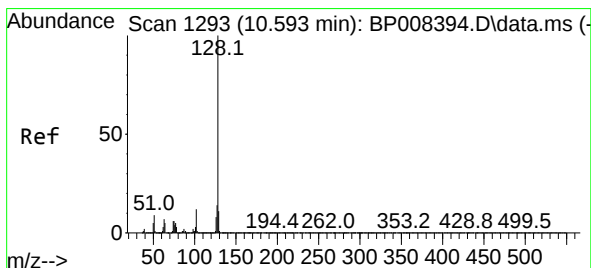
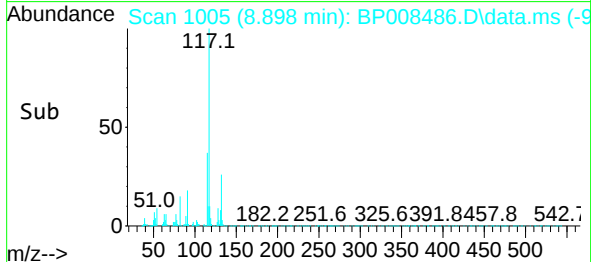
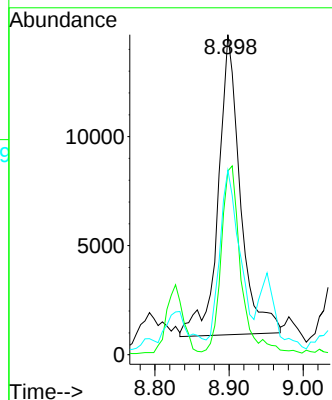
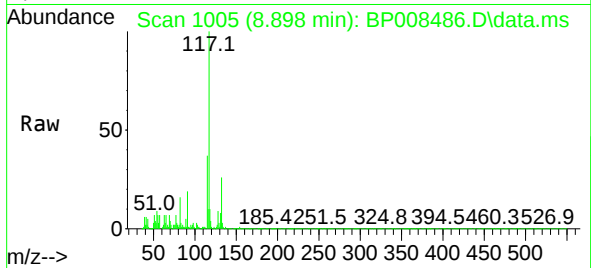




#23
Nitrobenzene-d5
Concen: 5.282 ng
RT: 8.898 min Scan# 1005
Delta R.T. -0.000 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

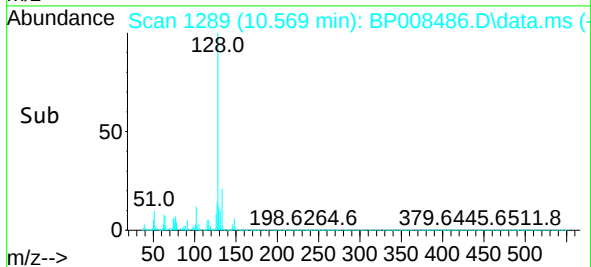
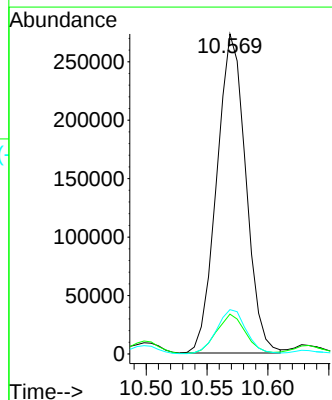
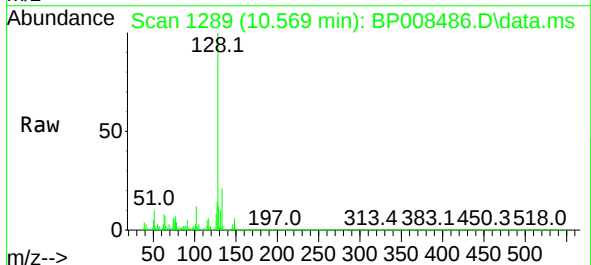
Instrument :
BNA_P
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A2-8-6.5DL

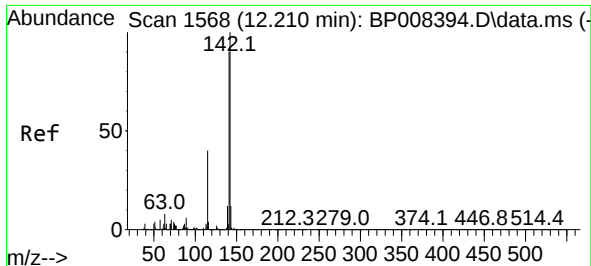
Tgt Ion: 82 Resp: 28499
Ion Ratio Lower Upper
82 100
128 57.4 29.6 44.4#
54 57.7 42.7 64.1



#31
Naphthalene
Concen: 37.822 ng
RT: 10.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Tgt Ion:128 Resp: 453393
Ion Ratio Lower Upper
128 100
129 12.5 8.5 12.7
127 13.8 10.9 16.3

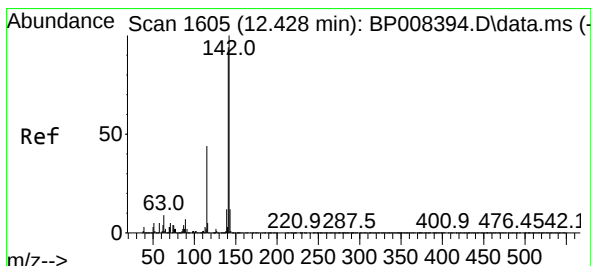
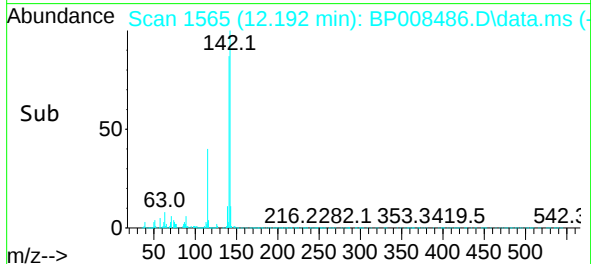
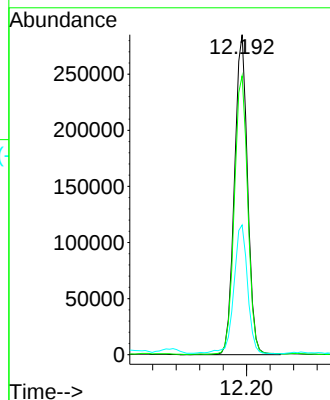
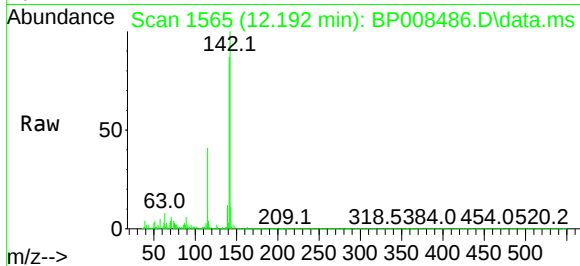




#37
2-Methylnaphthalene
Concen: 53.543 ng
RT: 12.192 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

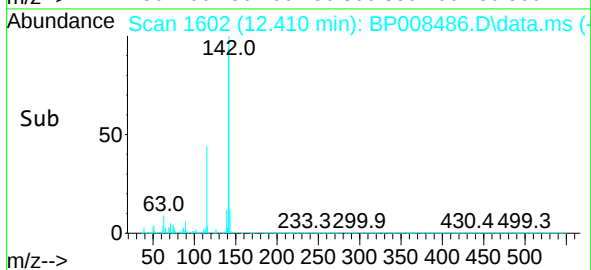
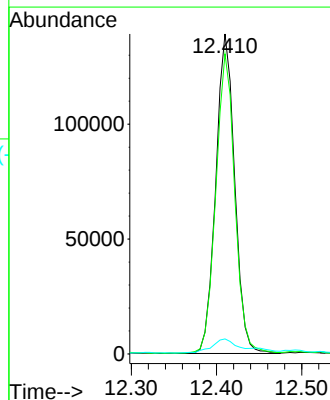
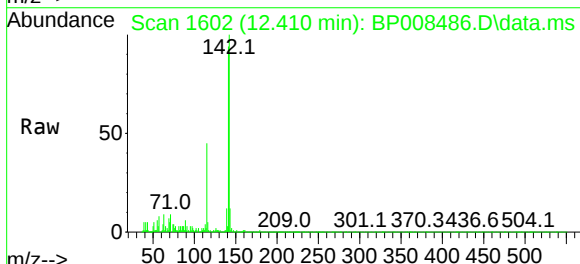
Instrument :
BNA_P
ClientSampleId :
A2-8-6.5DL

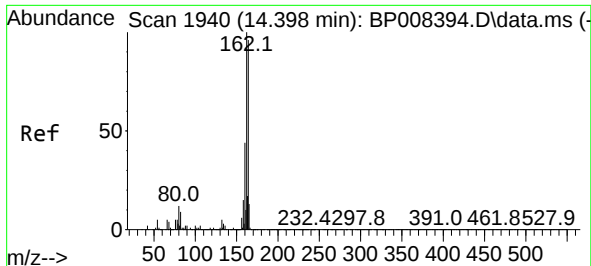
Tgt Ion:142 Resp: 442378
Ion Ratio Lower Upper
142 100
141 87.1 70.7 106.1
115 40.6 30.9 46.3



#38
1-Methylnaphthalene
Concen: 26.683 ng
RT: 12.410 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Tgt Ion:142 Resp: 214632
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.4
116 4.7 3.4 5.2

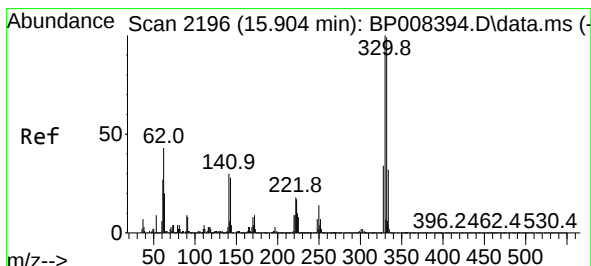
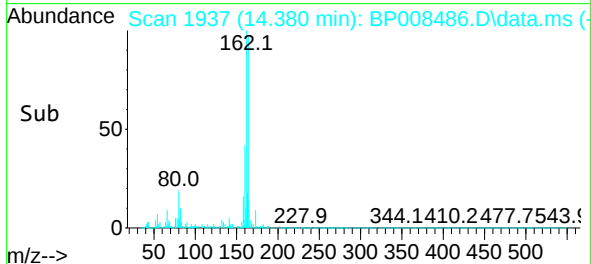
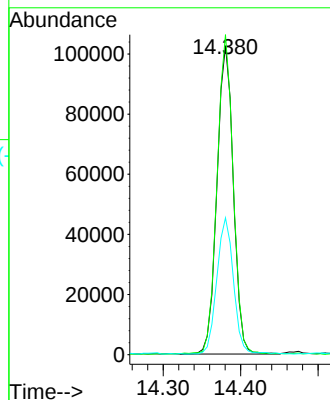
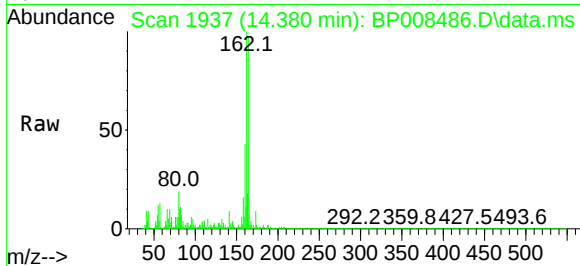




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.380 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

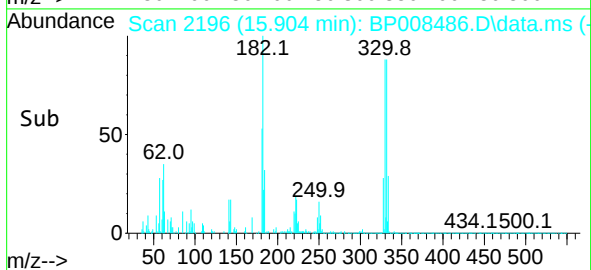
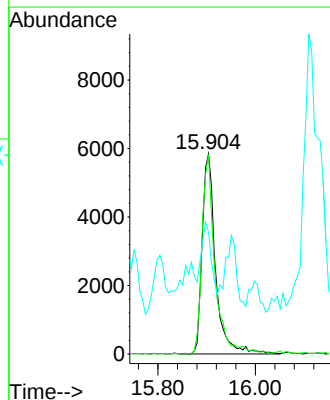
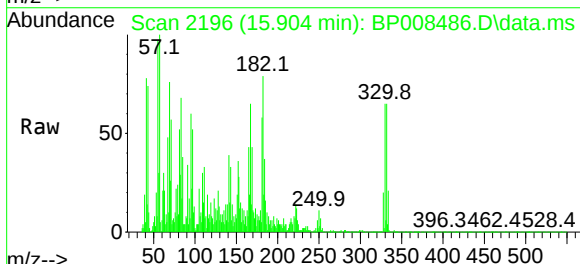
Instrument :
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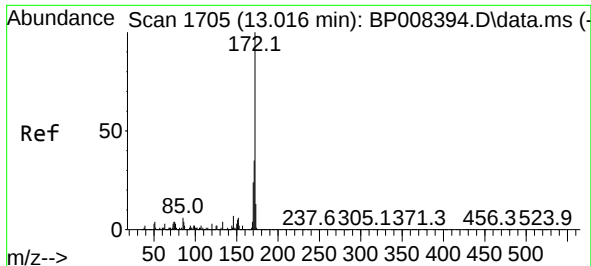
Tgt Ion:164 Resp: 150691
Ion Ratio Lower Upper
164 100
162 103.6 81.9 122.9
160 44.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 5.034 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.011 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Tgt Ion:330 Resp: 11148
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 29.3 28.4 42.6

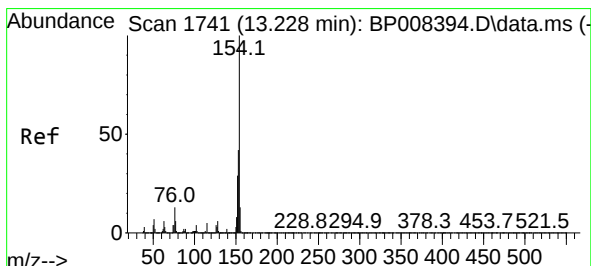
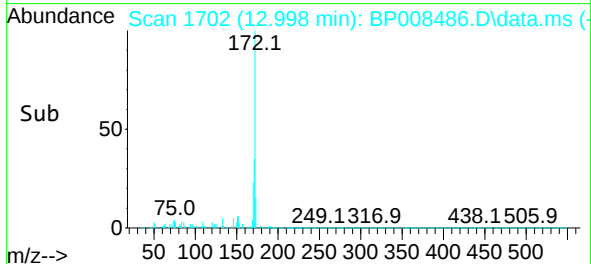
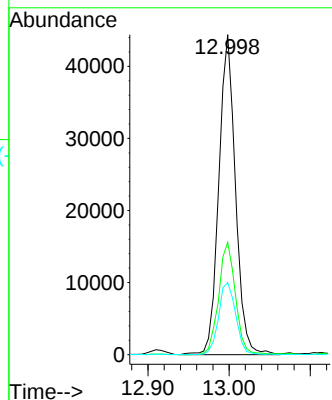
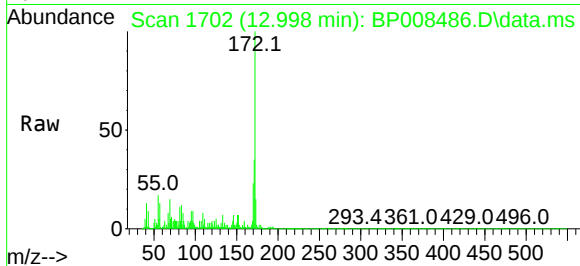




#45
2-Fluorobiphenyl
Concen: 5.352 ng
RT: 12.998 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

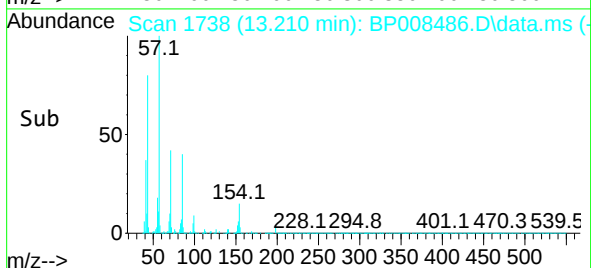
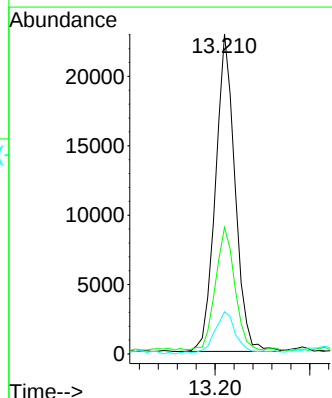
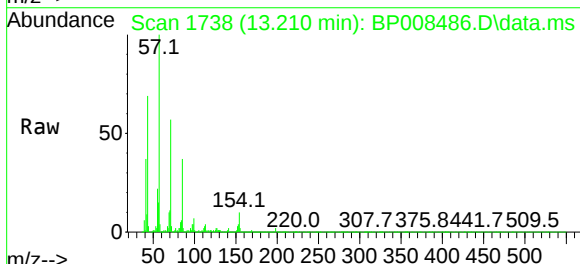
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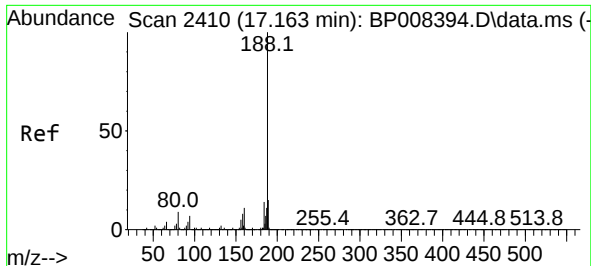
Tgt Ion:172 Resp: 63447
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 22.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 2.814 ng
RT: 13.210 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Tgt Ion:154 Resp: 32766
Ion Ratio Lower Upper
154 100
153 39.5 19.7 59.7
76 13.2 0.0 33.7

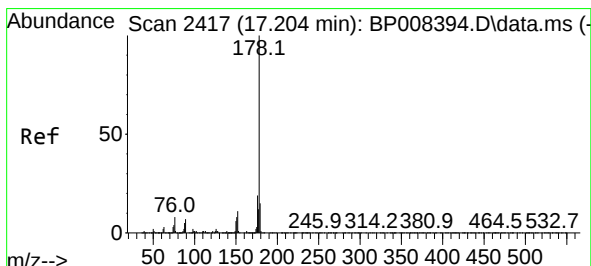
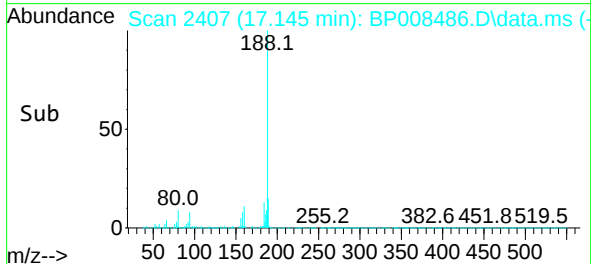
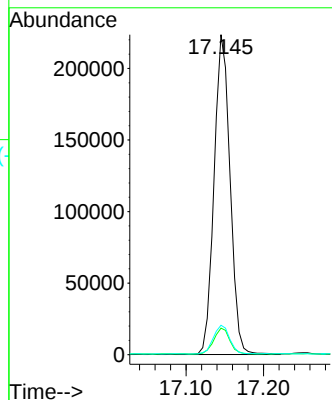
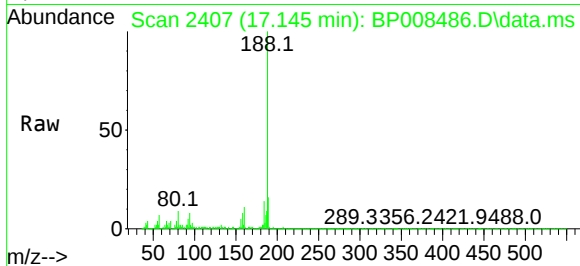




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

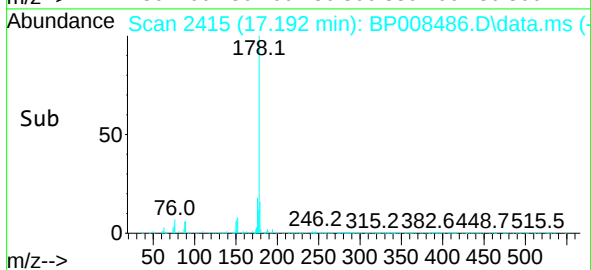
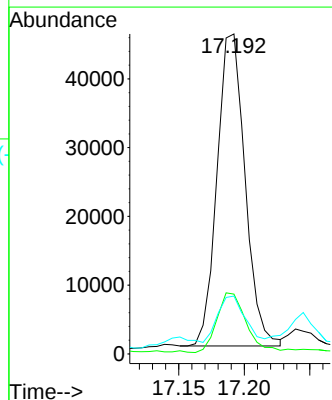
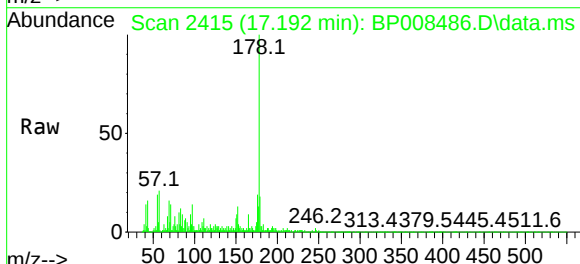
Instrument :
BNA_P
ClientSampleId :
A2-8-6.5DL

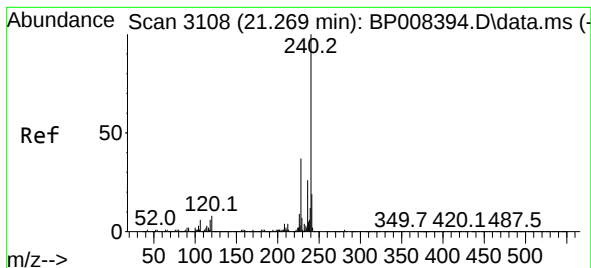
Tgt Ion:188 Resp: 320921
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 9.2 8.2 12.4



#71
Phenanthrene
Concen: 3.877 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Tgt Ion:178 Resp: 67397
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 18.1 12.5 18.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.257 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP008486.D

Acq: 17 Dec 2021 23:32

Instrument :

BNA_P

ClientSampleId :

A2-8-6.5DL

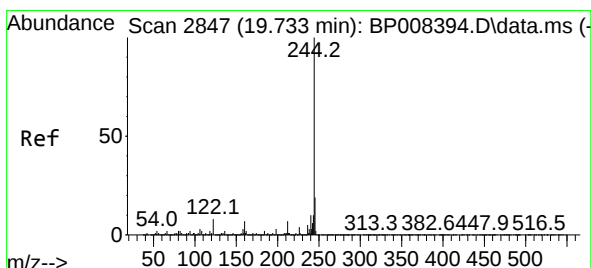
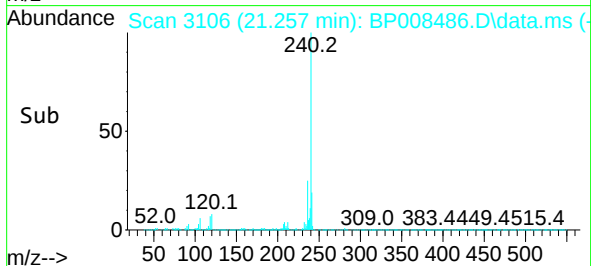
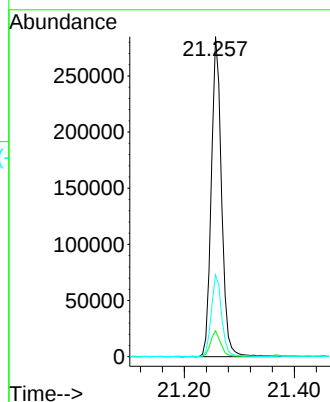
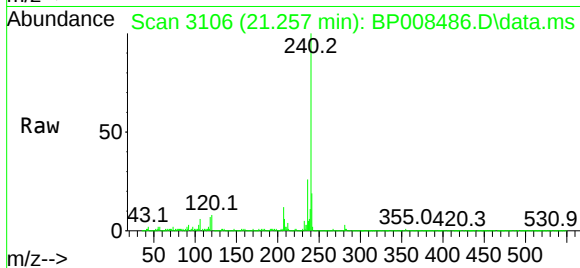
Tgt Ion:240 Resp: 368222

Ion Ratio Lower Upper

240 100

120 8.1 7.3 10.9

236 25.6 21.4 32.2



#79

Terphenyl-d14

Concen: 5.099 ng

RT: 19.721 min Scan# 2845

Delta R.T. -0.006 min

Lab File: BP008486.D

Acq: 17 Dec 2021 23:32

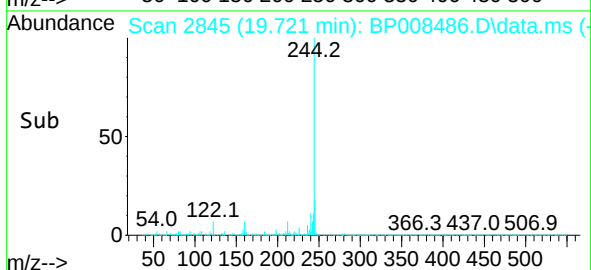
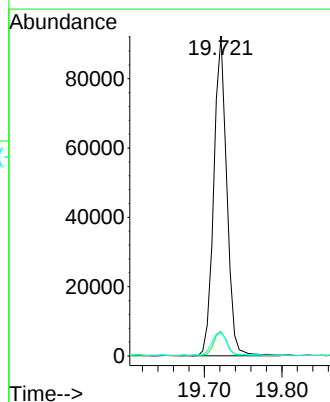
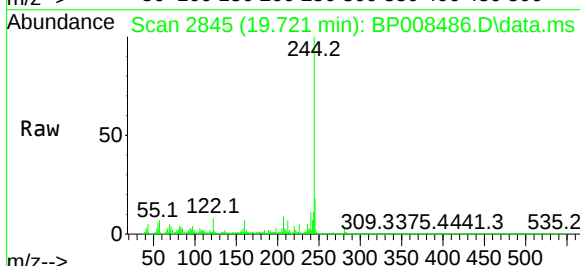
Tgt Ion:244 Resp: 107890

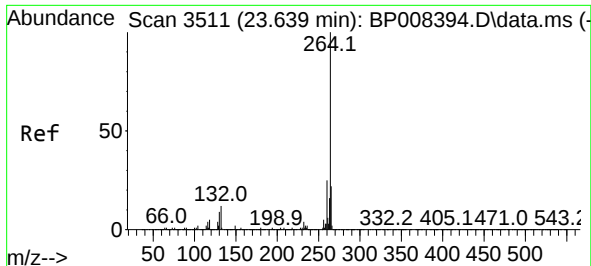
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 7.7 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.627 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP008486.D
 Acq: 17 Dec 2021 23:32

Instrument :
 BNA_P
 ClientSampleId :
 A2-8-6.5DL

Tgt Ion:264 Resp: 404368
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.7 17.6 26.4

