

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
 Data File : BM034384.D
 Acq On : 25 Mar 2022 14:36
 Operator : CG/JU
 Sample : N2108-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 R206

Quant Time: Mar 26 05:38:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 02:40:59 2022
 Response via : Initial Calibration

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

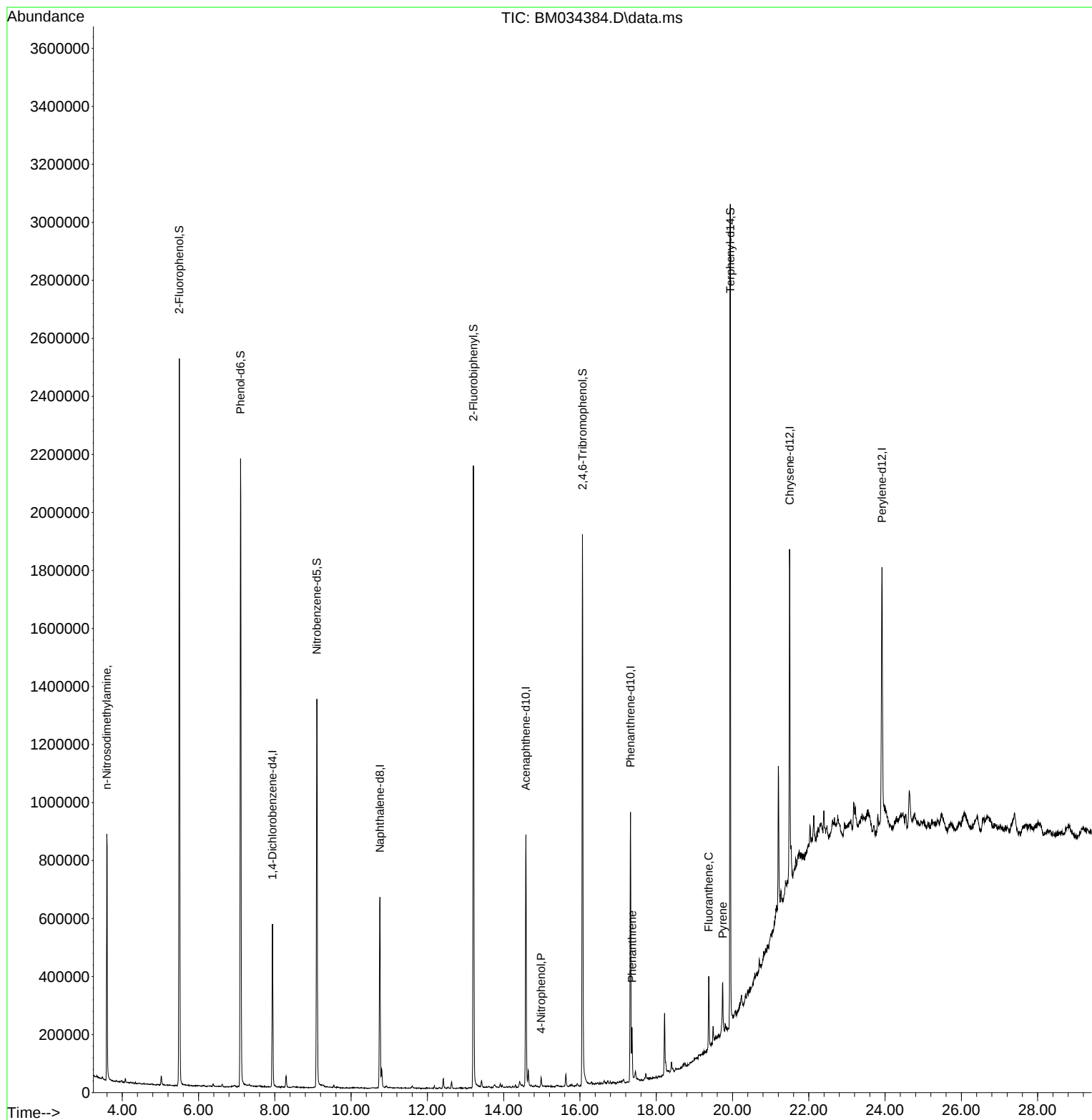
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	145810	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	542767	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	296487	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	553282	20.000	ng	0.00
76) Chrysene-d12	21.495	240	590012	20.000	ng	0.00
86) Perylene-d12	23.918	264	699426	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	990510	121.867	ng	0.00
7) Phenol-d6	7.101	99	1187847	102.074	ng	0.00
23) Nitrobenzene-d5	9.101	82	794569	71.274	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	358287	89.655	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	1082315	49.883	ng	0.00
79) Terphenyl-d14	19.942	244	1379491	40.627	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.596	42	24324	5.148	ng	# 1
56) 4-Nitrophenol	14.983	139	7811	2.075	ng	# 4
71) Phenanthrene	17.365	178	100754	3.252	ng	98
75) Fluoranthene	19.377	202	141001	4.059	ng	95
78) Pyrene	19.742	202	113268	2.725	ng	99

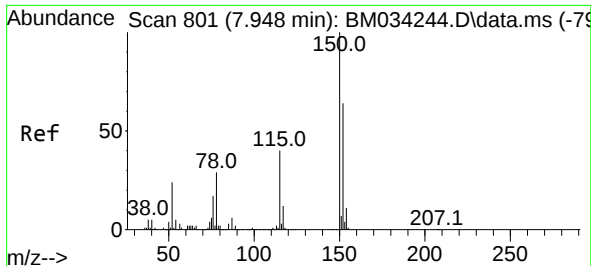
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 24 02:40:59 2022
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.937 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BM034384.D
 Acq: 25 Mar 2022 14:36

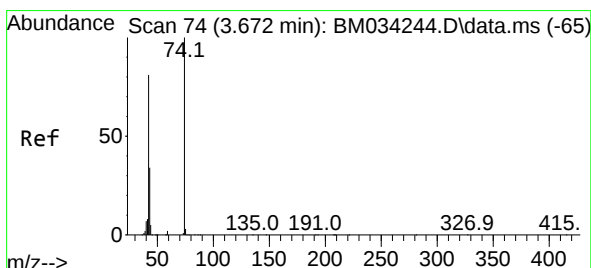
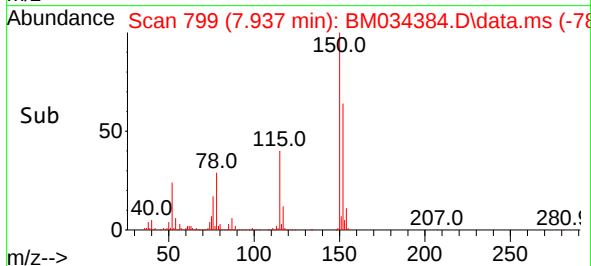
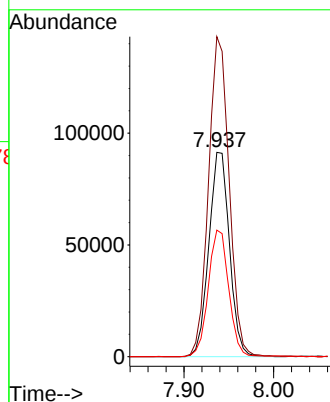
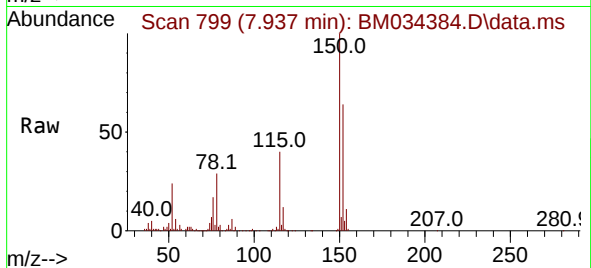
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BNA_M

ClientSampleId :

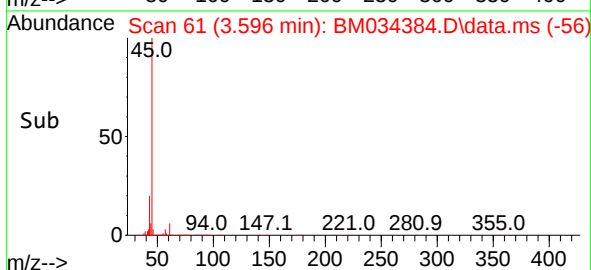
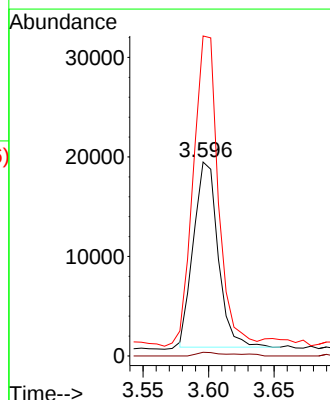
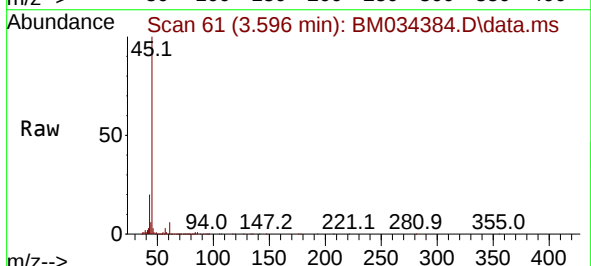
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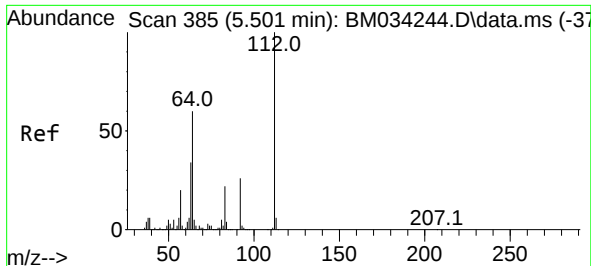
Tgt Ion:152 Resp: 145810
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.4 188.2
 115 62.0 50.1 75.1



#4
 n-Nitrosodimethylamine
 Concen: 5.148 ng
 RT: 3.596 min Scan# 61
 Delta R.T. -0.071 min
 Lab File: BM034384.D
 Acq: 25 Mar 2022 14:36

Tgt Ion: 42 Resp: 24324
 Ion Ratio Lower Upper
 42 100
 74 1.9 99.3 148.9#
 44 165.0 5.0 7.6#

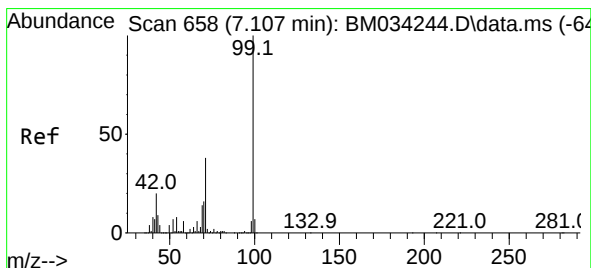
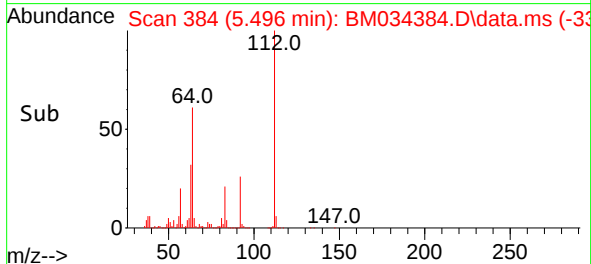
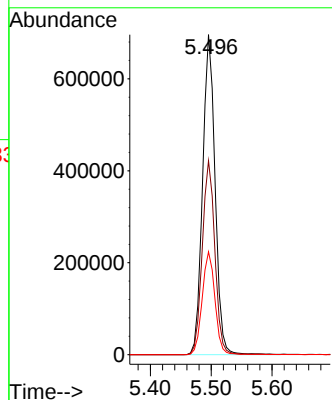
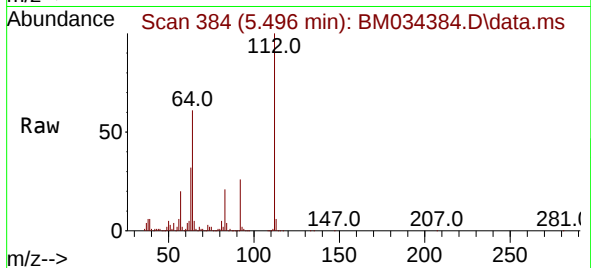




#5
2-Fluorophenol
Concen: 121.867 ng
RT: 5.496 min Scan# 385
Delta R.T. 0.006 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

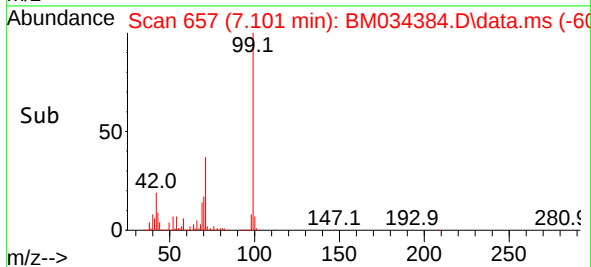
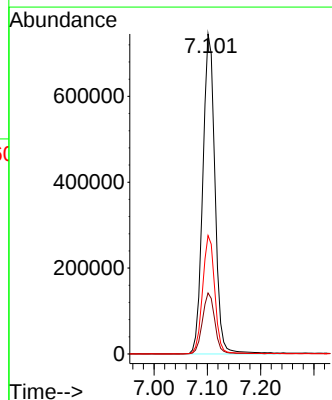
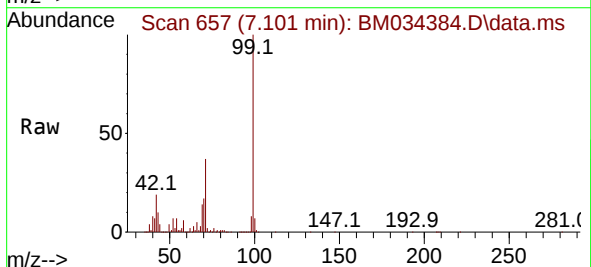
Instrument :
BNA_M
ClientSampleId :
R206

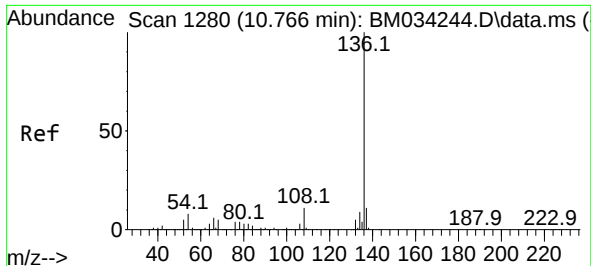
Tgt Ion:112 Resp: 990510
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 32.2 27.1 40.7



#7
Phenol-d6
Concen: 102.074 ng
RT: 7.101 min Scan# 657
Delta R.T. 0.000 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

Tgt Ion: 99 Resp: 1187847
Ion Ratio Lower Upper
99 100
42 19.1 15.6 23.4
71 37.0 30.6 46.0

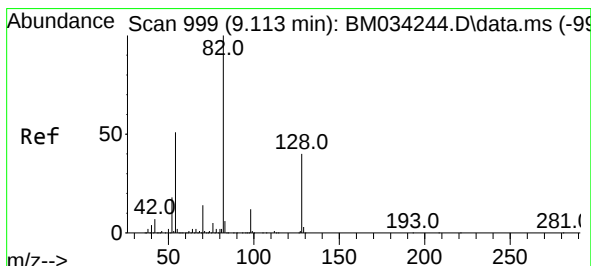
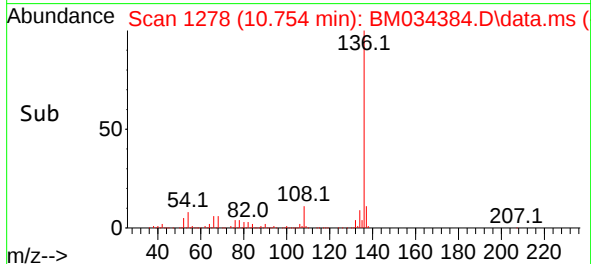
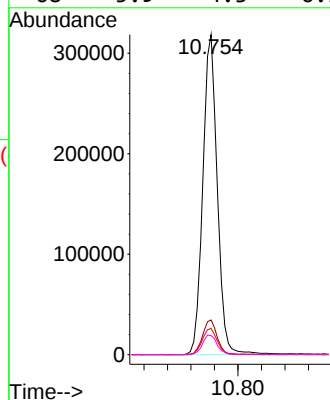
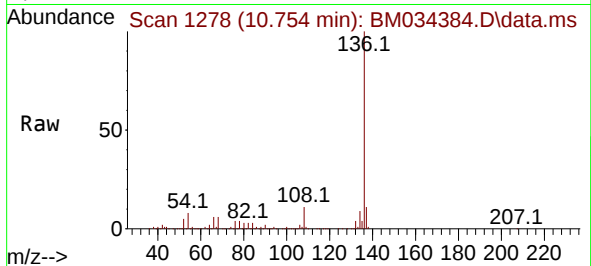




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.754 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

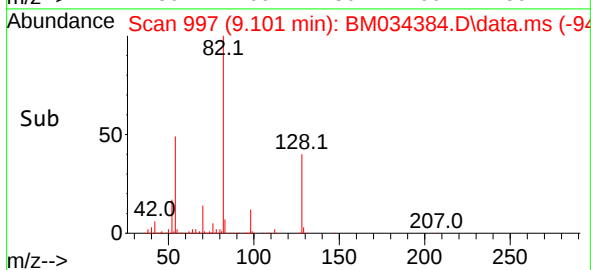
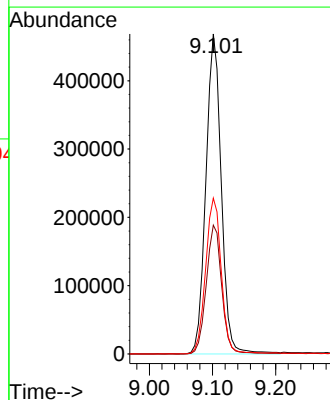
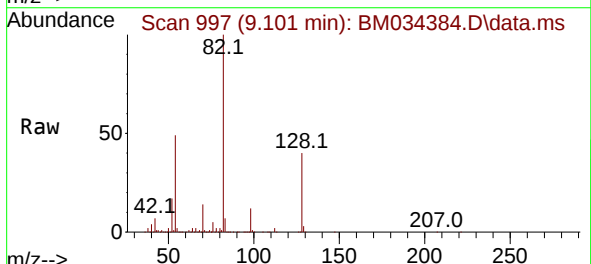
Instrument :
BNA_M
ClientSampleId :
R206

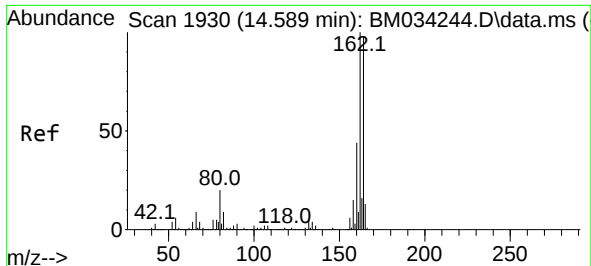
Tgt Ion:	136	Resp:	542767
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	8.2	6.2	9.4
68	5.9	4.3	6.5



#23
Nitrobenzene-d5
Concen: 71.274 ng
RT: 9.101 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

Tgt Ion:	82	Resp:	794569
Ion Ratio	Lower	Upper	
82	100		
128	40.3	31.9	47.9
54	48.7	40.6	61.0

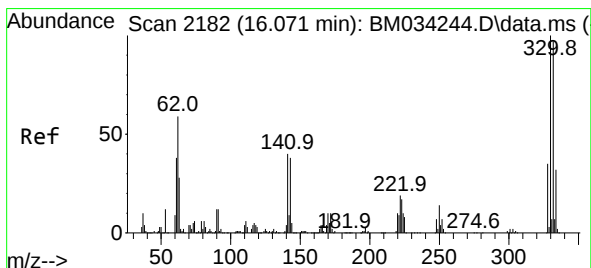
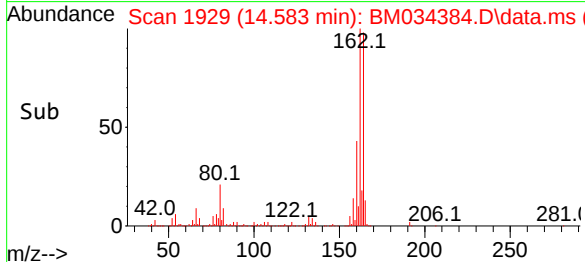
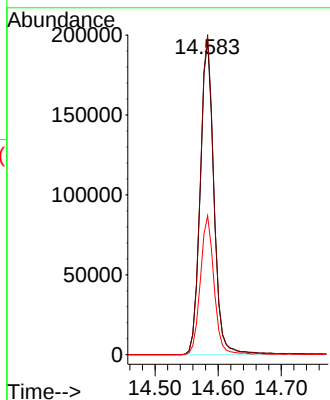
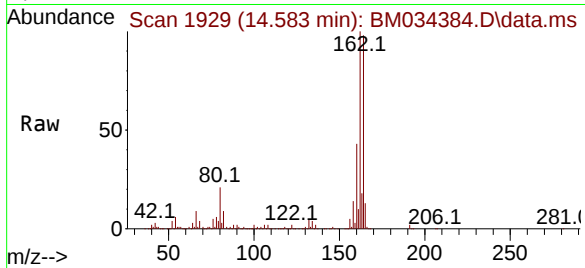




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

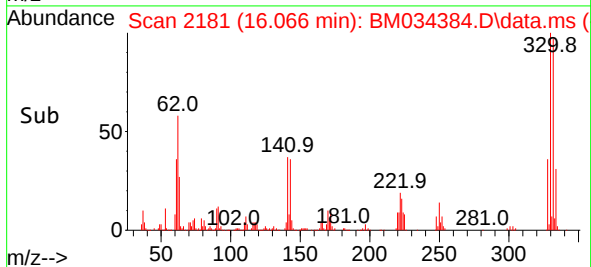
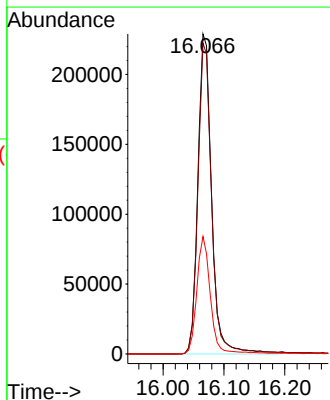
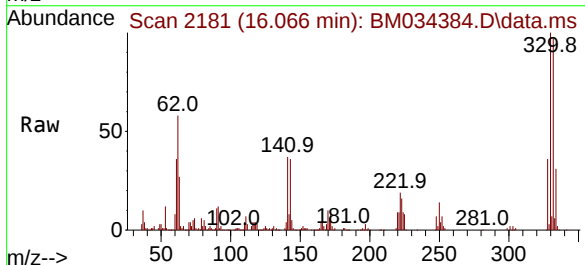
Instrument :
BNA_M
ClientSampleId :
R206

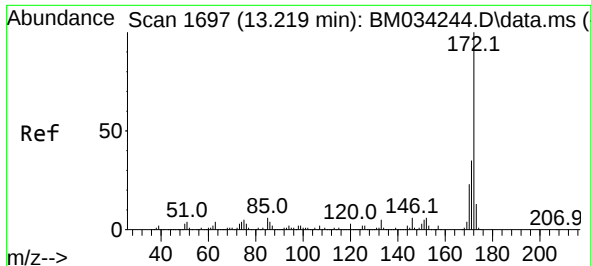
Tgt Ion:164 Resp: 296487
Ion Ratio Lower Upper
164 100
162 101.9 81.6 122.4
160 44.2 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 89.655 ng
RT: 16.066 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

Tgt Ion:330 Resp: 358287
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.4
141 36.8 30.6 45.8

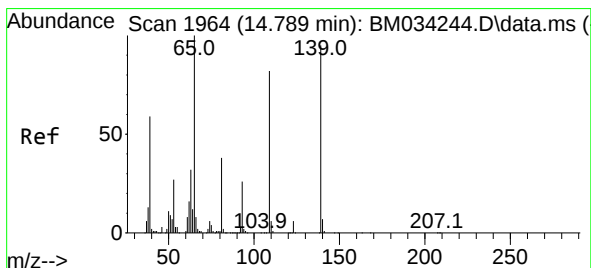
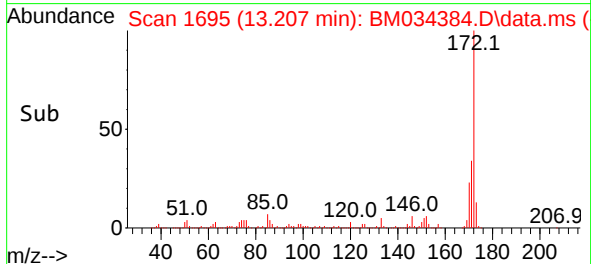
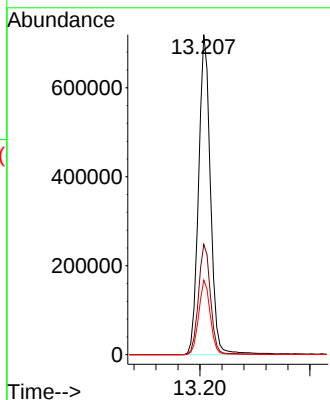
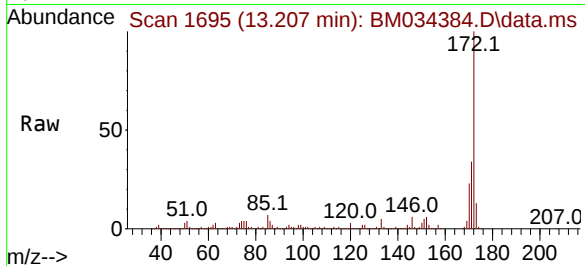




#45
2-Fluorobiphenyl
Concen: 49.883 ng
RT: 13.207 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

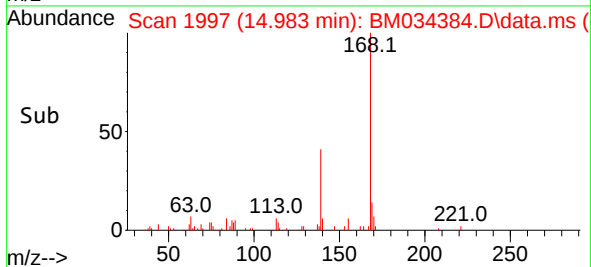
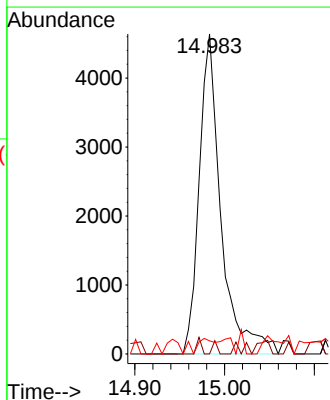
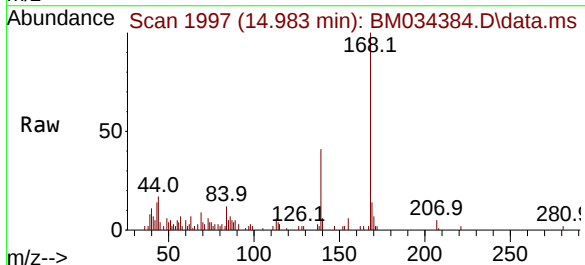
Instrument :
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ClientSampleId :
R206

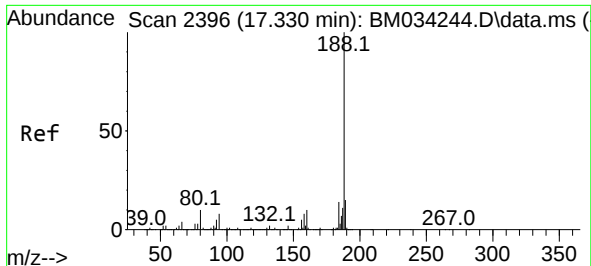
Tgt Ion:172 Resp: 1082315
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 23.3 18.6 28.0



#56
4-Nitrophenol
Concen: 2.075 ng
RT: 14.983 min Scan# 1997
Delta R.T. 0.194 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

Tgt Ion:139 Resp: 7811
Ion Ratio Lower Upper
139 100
109 0.0 66.3 106.3#
65 4.1 85.5 125.5#

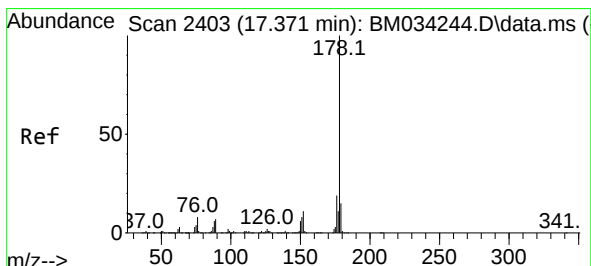
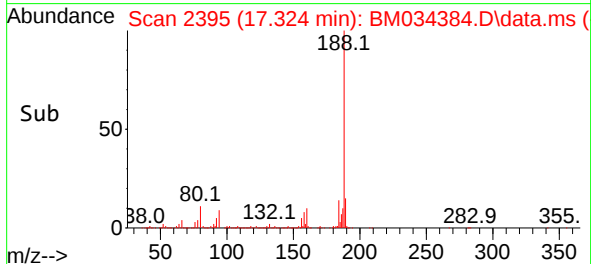
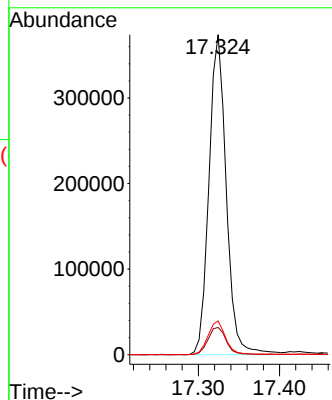
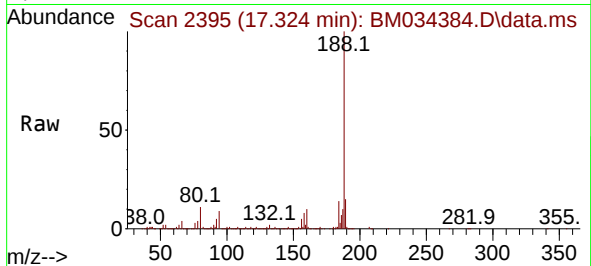




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

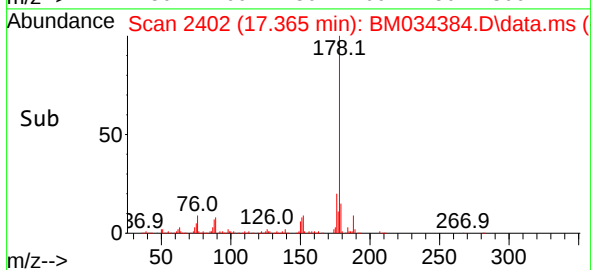
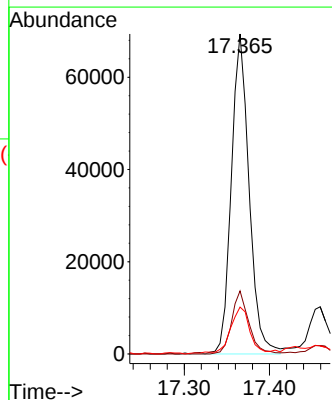
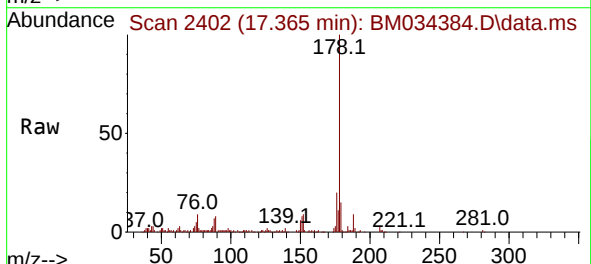
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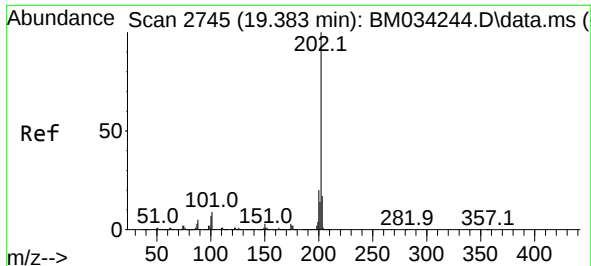
Tgt Ion:188 Resp: 553282
Ion Ratio Lower Upper
188 100
94 8.5 6.6 9.8
80 10.6 7.8 11.8



#71
Phenanthrene
Concen: 3.252 ng
RT: 17.365 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

Tgt Ion:178 Resp: 100754
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 14.6 12.2 18.4

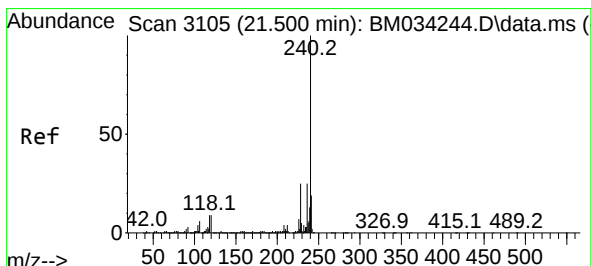
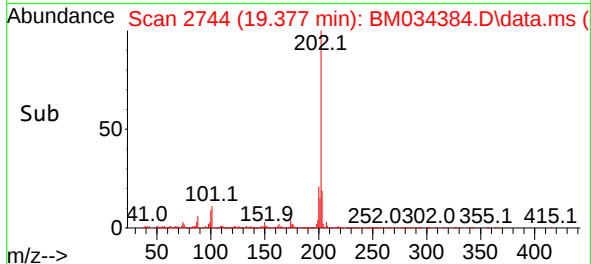
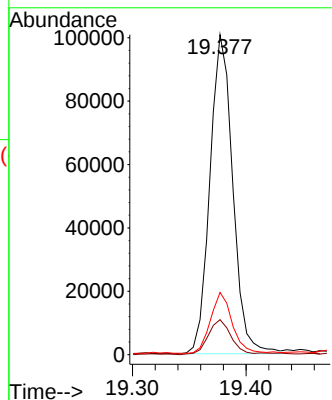
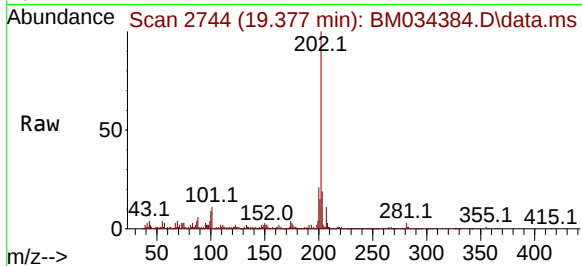




#75
Fluoranthene
Concen: 4.059 ng
RT: 19.377 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

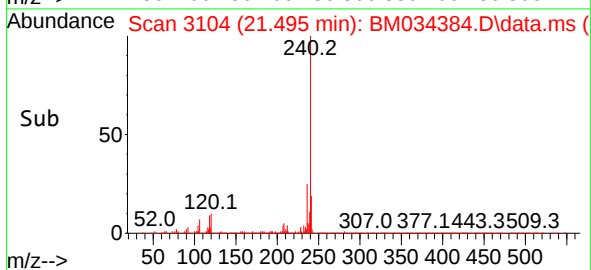
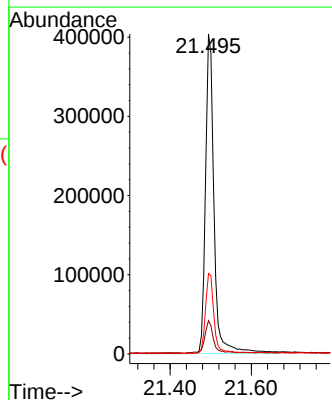
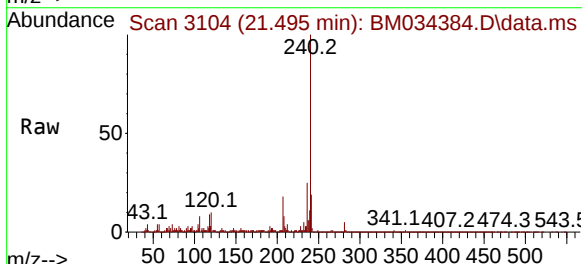
Instrument :
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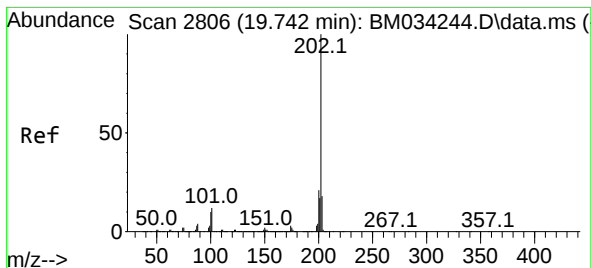
Tgt Ion:202 Resp: 141001
Ion Ratio Lower Upper
202 100
101 10.9 0.0 29.4
203 19.5 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

Tgt Ion:240 Resp: 590012
Ion Ratio Lower Upper
240 100
120 10.4 7.3 10.9
236 25.1 20.2 30.2





#78

Pyrene

Concen: 2.725 ng

RT: 19.742 min Scan# 2

Delta R.T. 0.006 min

Lab File: BM034384.D

Acq: 25 Mar 2022 14:36

Instrument :

BNA_M

ClientSampleId :

R206

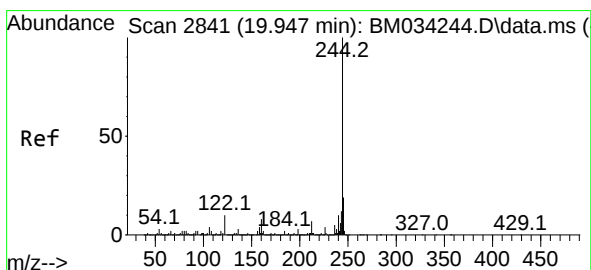
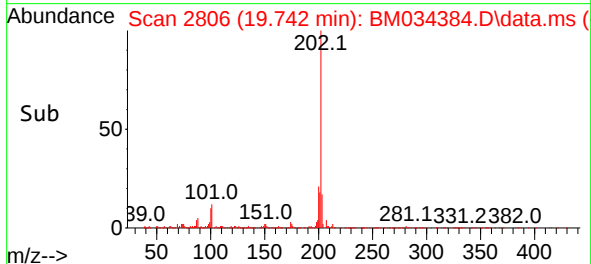
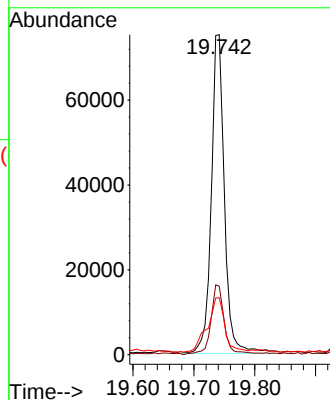
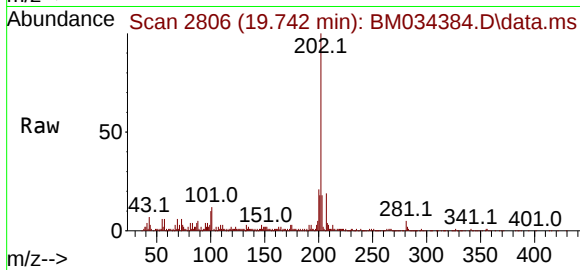
Tgt Ion:202 Resp: 113268

Ion Ratio Lower Upper

202 100

200 21.4 16.6 24.8

203 17.8 14.1 21.1



#79

Terphenyl-d14

Concen: 40.627 ng

RT: 19.942 min Scan# 2840

Delta R.T. 0.006 min

Lab File: BM034384.D

Acq: 25 Mar 2022 14:36

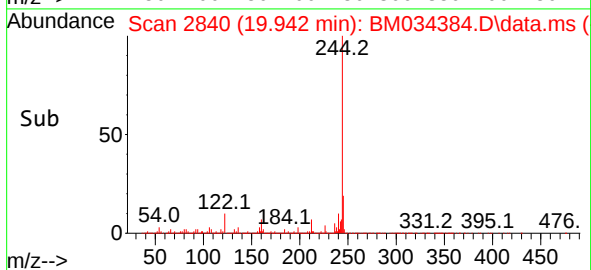
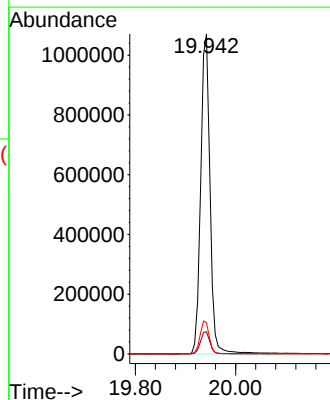
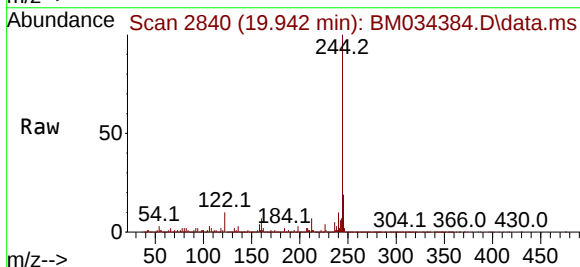
Tgt Ion:244 Resp: 1379491

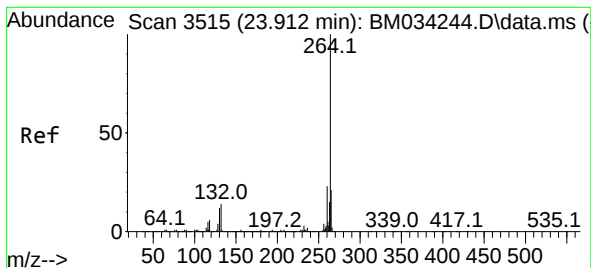
Ion Ratio Lower Upper

244 100

212 6.9 5.9 8.9

122 9.8 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.918 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM034384.D

Acq: 25 Mar 2022 14:36

Instrument :

BNA_M

ClientSampleId :

R206

Tgt Ion:264 Resp: 699426

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.0 17.6 26.4

