

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
 Data File : BM033291.D
 Acq On : 03 Dec 2021 18:01
 Operator : CG/JU
 Sample : M4917-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-27

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/06/2021

Quant Time: Dec 06 01:25:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 24 15:16:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.931	152	139404	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	569139	20.000	ng	#-0.01
39) Acenaphthene-d10	14.554	164	358162	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	724333	20.000	ng	# 0.00
76) Chrysene-d12	21.448	240	694224	20.000	ng	# 0.00
86) Perylene-d12	23.783	264	693737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	522279	61.869	ng	0.01
7) Phenol-d6	7.113	99	431979	38.209	ng	0.02
23) Nitrobenzene-d5	9.090	82	1136928	92.737	ng	-0.01
42) 2,4,6-Tribromophenol	16.042	330	512440	131.250	ng	0.00
45) 2-Fluorobiphenyl	13.178	172	2166232	85.298	ng	0.00
79) Terphenyl-d14	19.901	244	2950953	84.053	ng	0.00
Target Compounds						
10) Phenol	7.137	94	28842	2.522	ng	Qvalue 91
27) 2,4-Dimethylphenol	9.901	122	17497m	2.326	ng	
31) Naphthalene	10.778	128	1001995	33.375	ng	100
32) Benzoic acid	9.990	122	5203	6.168	ng	# 73
37) 2-Methylnaphthalene	12.378	142	245973	12.034	ng	95
38) 1-Methylnaphthalene	12.601	142	378350	18.974	ng	99

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

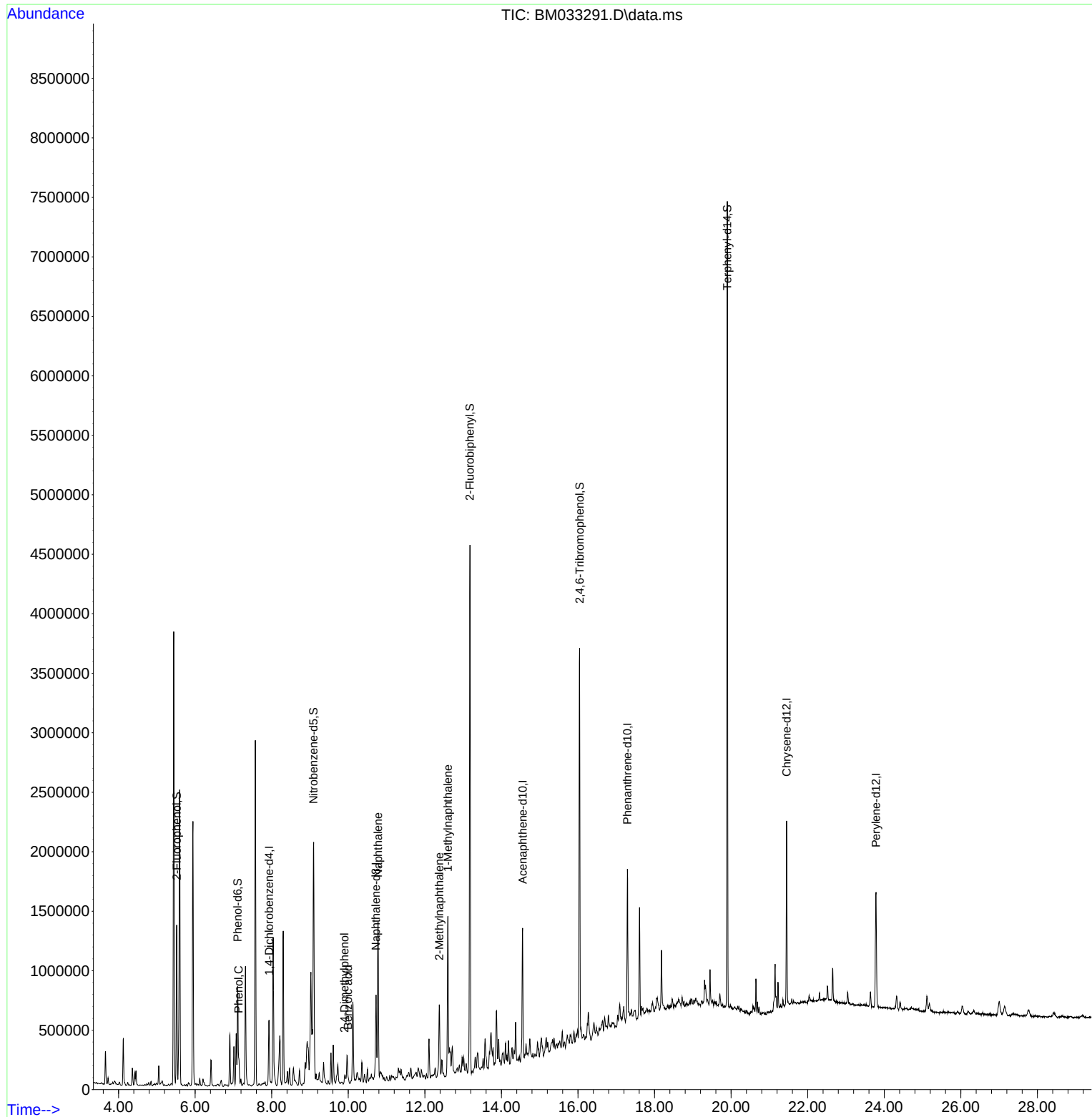
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
Data File : BM033291.D
Acq On : 03 Dec 2021 18:01
Operator : CG/JU
Sample : M4917-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

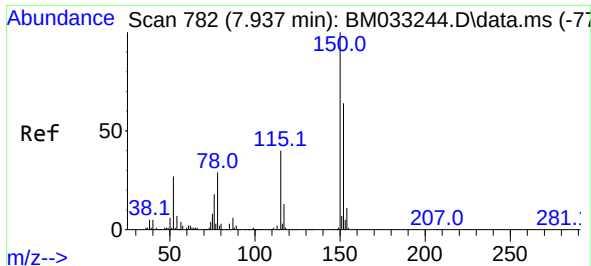
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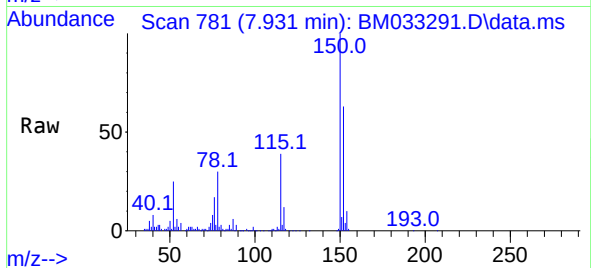
Quant Time: Dec 06 01:25:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 24 15:16:33 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.931 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01

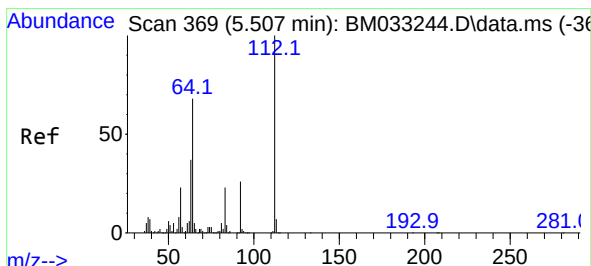
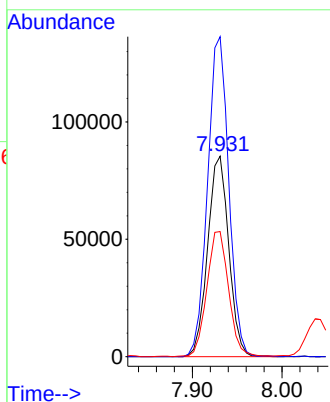
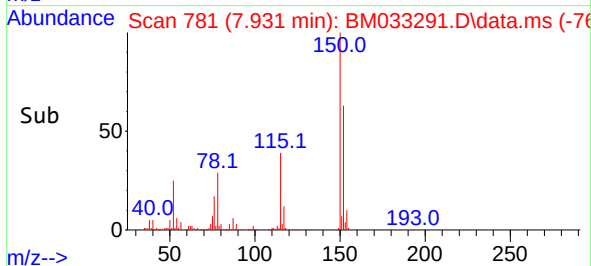
Instrument :
BNA_M
ClientSampleId :
MW-27



Tgt Ion:152 Resp: 139404
Ion Ratio Lower Upper
152 100
150 159.6 122.4 183.6
115 62.4 53.8 80.8

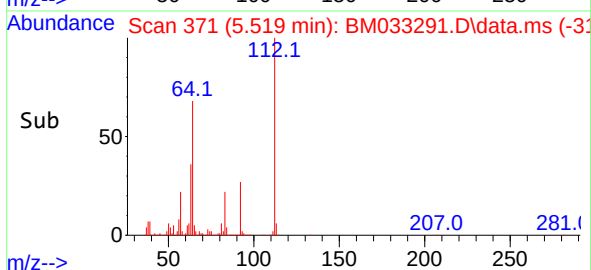
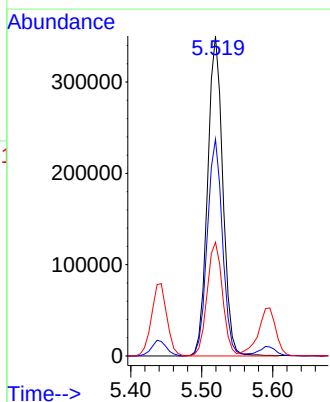
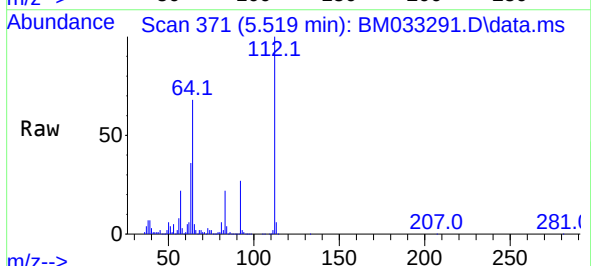
Manual Integrations
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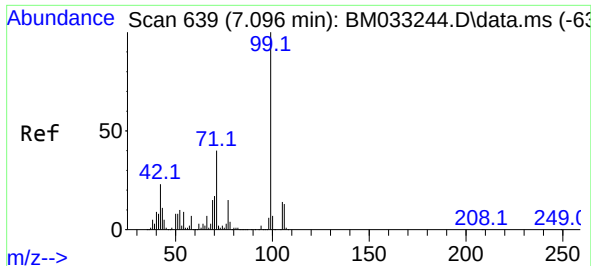
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#5
2-Fluorophenol
Concen: 61.869 ng
RT: 5.519 min Scan# 371
Delta R.T. 0.012 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01

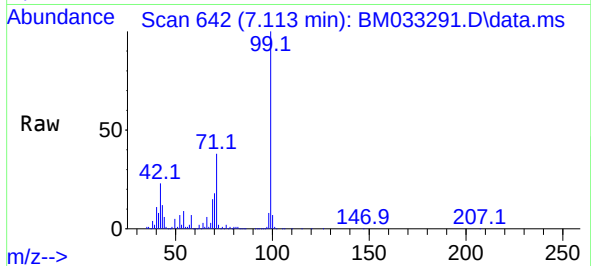
Tgt Ion:112 Resp: 522279
Ion Ratio Lower Upper
112 100
64 67.8 53.7 80.5
63 35.5 33.9 50.9





#7
Phenol-d6
Concen: 38.209 ng
RT: 7.113 min Scan# 641
Delta R.T. 0.018 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01

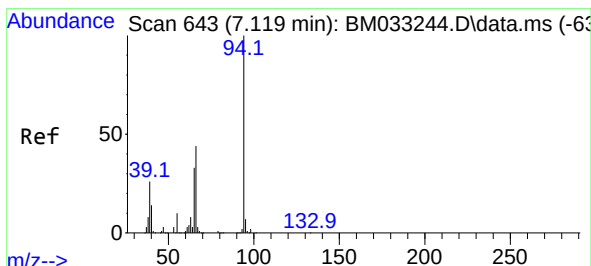
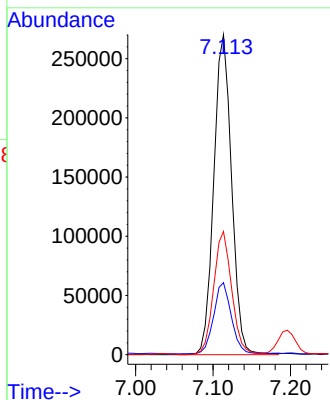
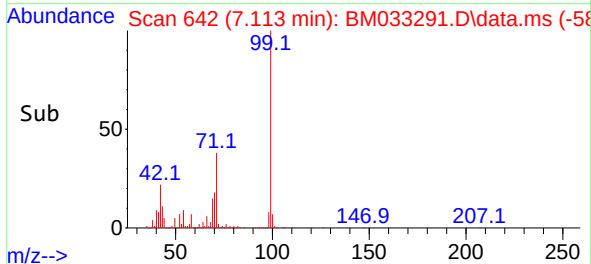
Instrument :
BNA_M
ClientSampleId :
MW-27



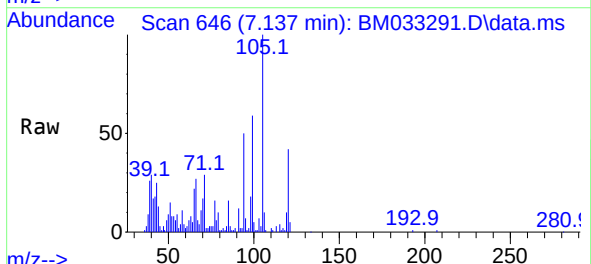
Tgt Ion: 99 Resp: 431979
Ion Ratio Lower Upper
99 100
42 22.5 23.0 34.6
71 38.5 37.8 56.8

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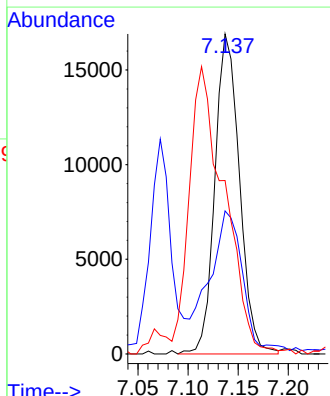
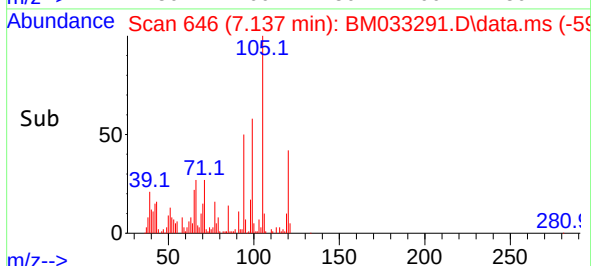
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021

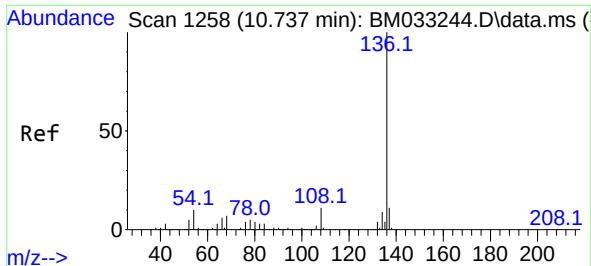


#10
Phenol
Concen: 2.522 ng
RT: 7.137 min Scan# 646
Delta R.T. 0.018 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01



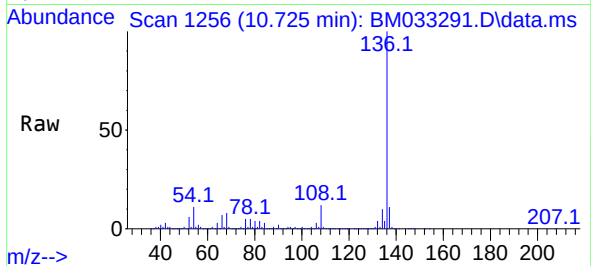
Tgt Ion: 94 Resp: 28842
Ion Ratio Lower Upper
94 100
65 44.7 16.9 56.9
66 54.2 30.0 70.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1258
Delta R.T. -0.012 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01

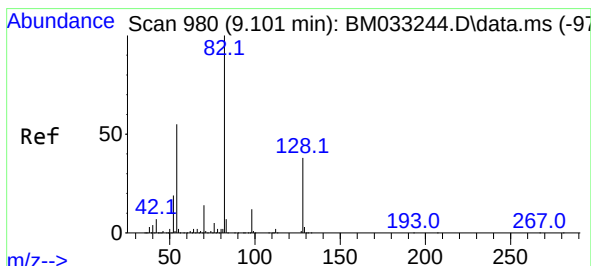
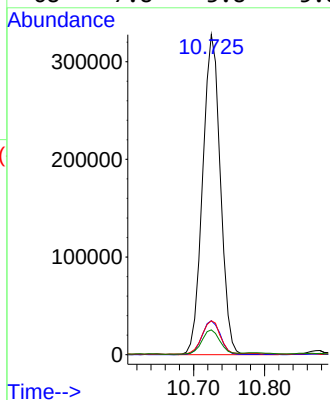
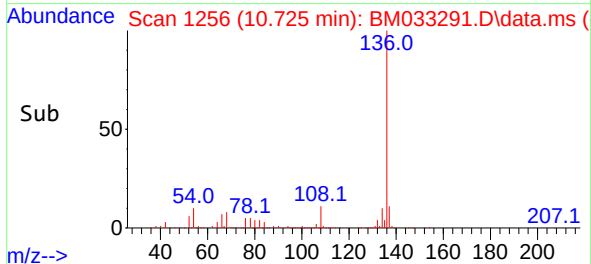
Instrument :
BNA_M
ClientSampleId :
MW-27



Tgt Ion: 136 Resp: 569139
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 10.6 7.4 11.0
68 7.8 3.8 5.8#

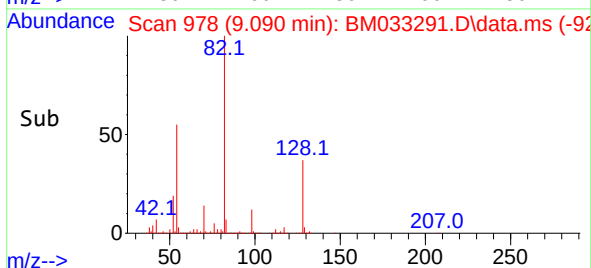
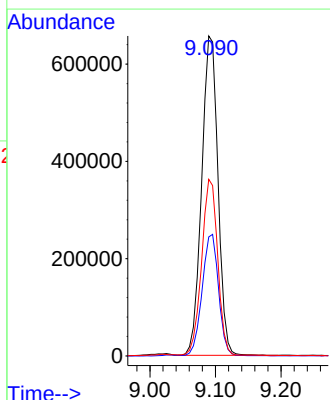
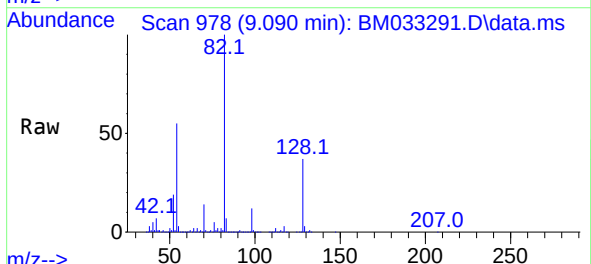
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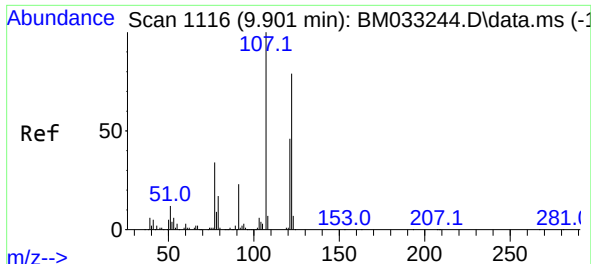
Reviewed By :Jagrut Upadhyay 12/06/2021
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#23
Nitrobenzene-d5
Concen: 92.737 ng
RT: 9.090 min Scan# 978
Delta R.T. -0.012 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01

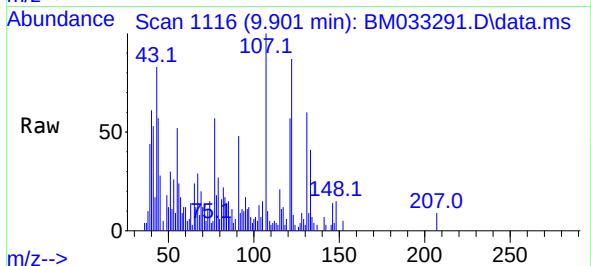
Tgt Ion: 82 Resp: 1136928
Ion Ratio Lower Upper
82 100
128 37.2 29.0 43.6
54 55.2 45.8 68.8





#27
2,4-Dimethylphenol
Concen: 2.326 ng m
RT: 9.901 min Scan# 1116
Delta R.T. 0.000 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01

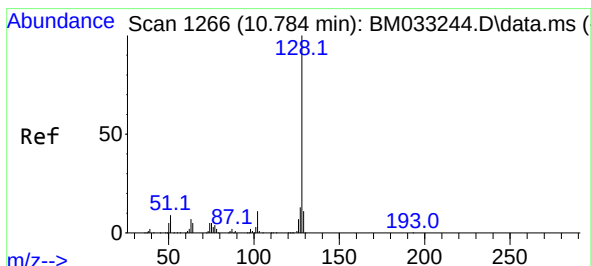
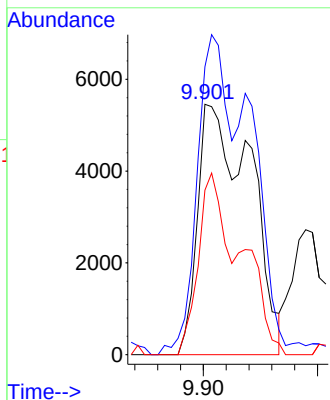
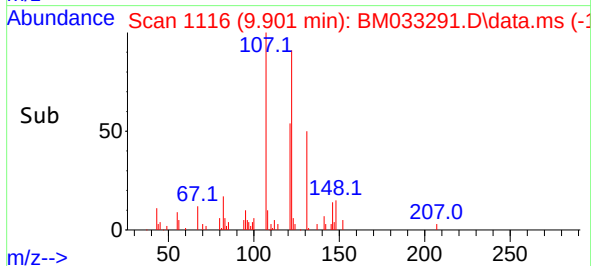
Instrument :
BNA_M
ClientSampleId :
MW-27



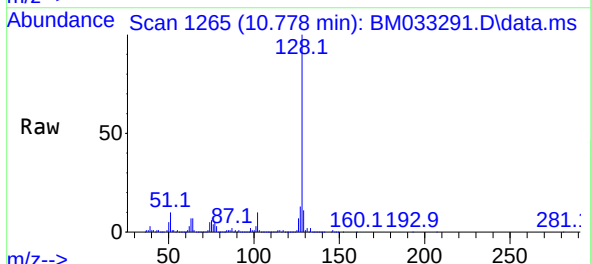
Tgt Ion:122 Resp: 1749
Ion Ratio Lower Upper
122 100
107 115.0 100.6 150.8
121 65.7 47.3 70.9

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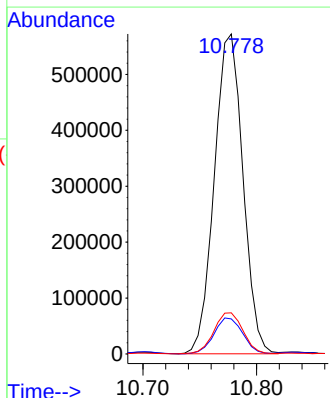
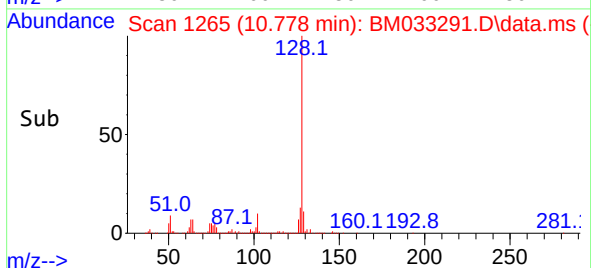
Reviewed By :Jagrut Upadhyay 12/06/2021
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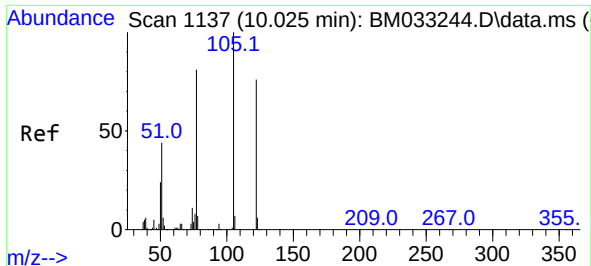


#31
Naphthalene
Concen: 33.375 ng
RT: 10.778 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01



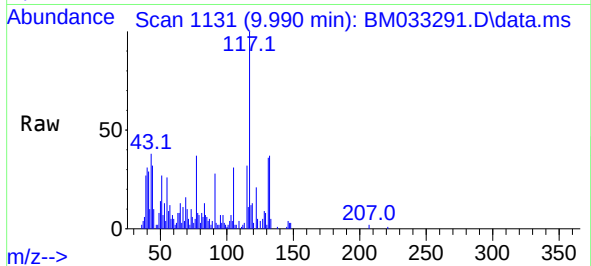
Tgt Ion:128 Resp: 1001995
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.8 10.4 15.6





#32
Benzoic acid
Concen: 6.168 ng
RT: 9.990 min Scan# 1137
Delta R.T. -0.035 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01

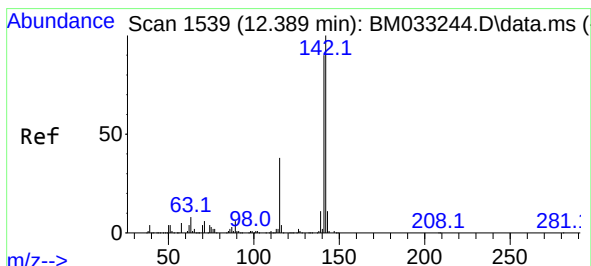
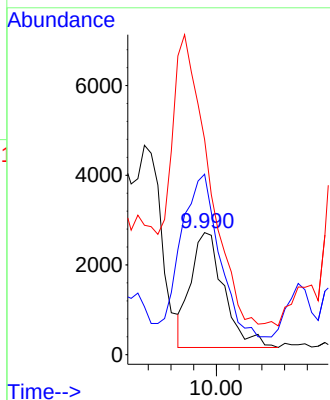
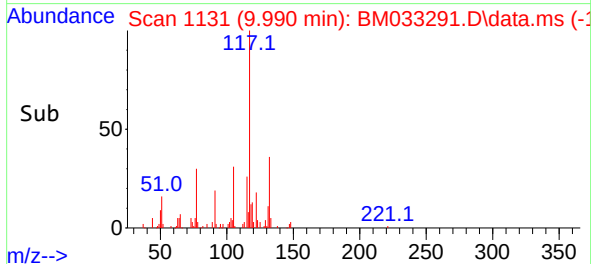
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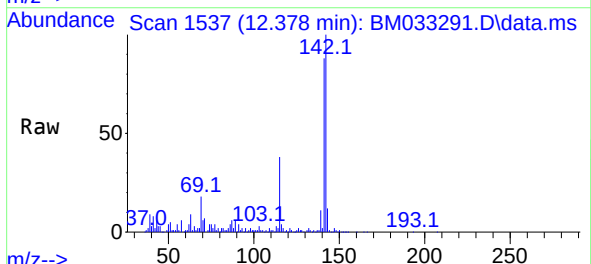
Tgt Ion:122 Resp: 520
Ion Ratio Lower Upper
122 100
105 147.8 120.3 160.3
77 176.2 100.0 140.0

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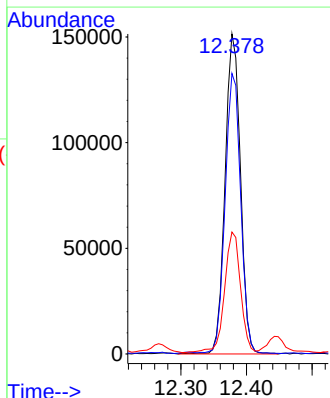
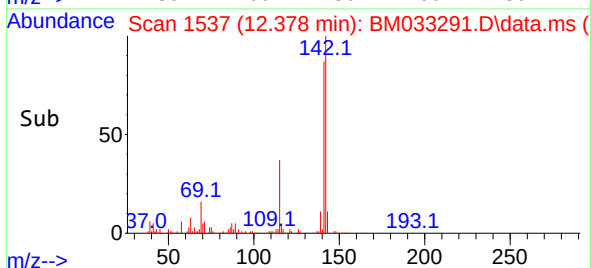
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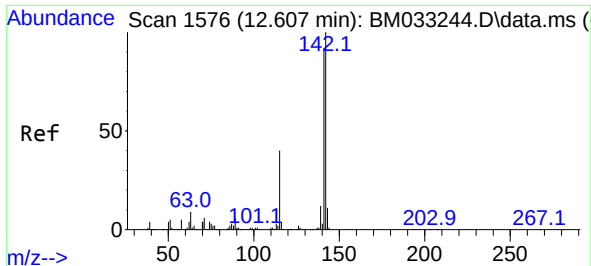


#37
2-Methylnaphthalene
Concen: 12.034 ng
RT: 12.378 min Scan# 1537
Delta R.T. -0.012 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01



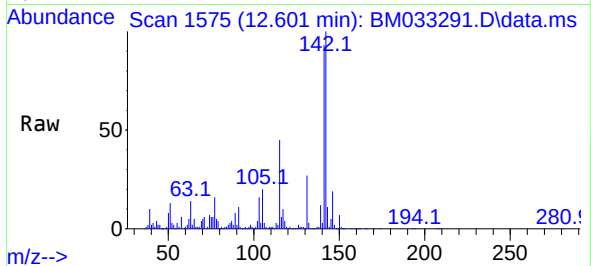
Tgt Ion:142 Resp: 245973
Ion Ratio Lower Upper
142 100
141 87.7 71.8 107.6
115 38.1 36.3 54.5





#38
1-Methylnaphthalene
Concen: 18.974 ng
RT: 12.601 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01

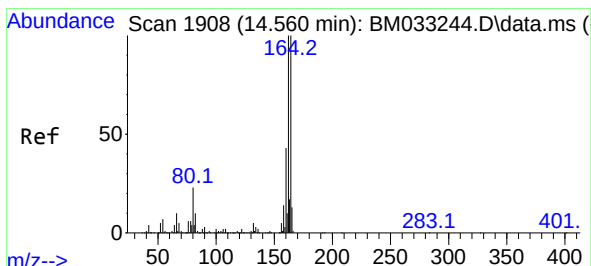
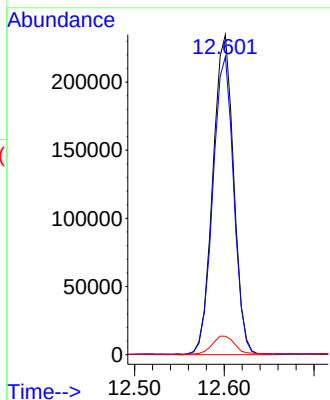
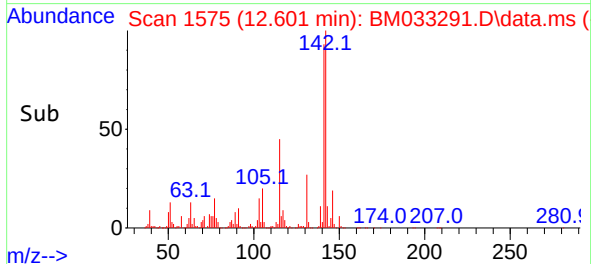
Instrument :
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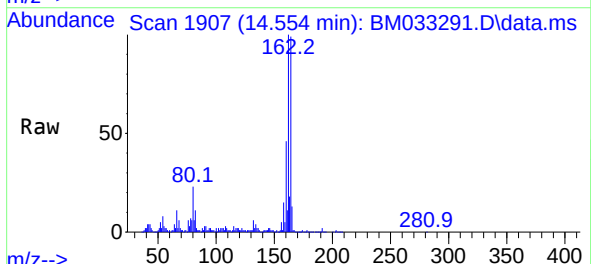
Tgt Ion:142 Resp: 378350
Ion Ratio Lower Upper
142 100
141 93.2 75.6 113.4
116 5.7 4.0 6.0

Manual Integrations
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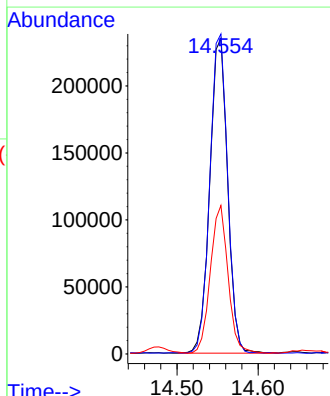
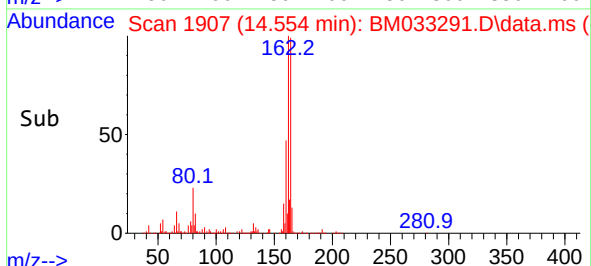
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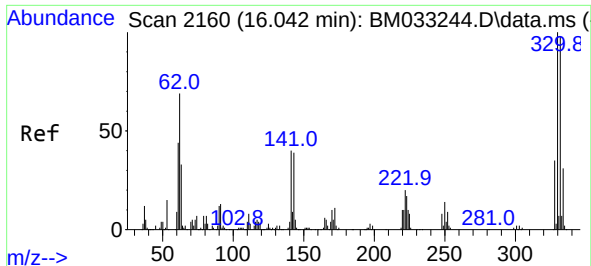


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.554 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01



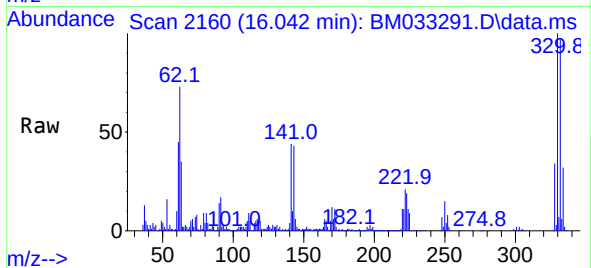
Tgt Ion:164 Resp: 358162
Ion Ratio Lower Upper
164 100
162 101.4 80.6 121.0
160 47.1 35.1 52.7





#42
2,4,6-Tribromophenol
Concen: 131.250 ng
RT: 16.042 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01

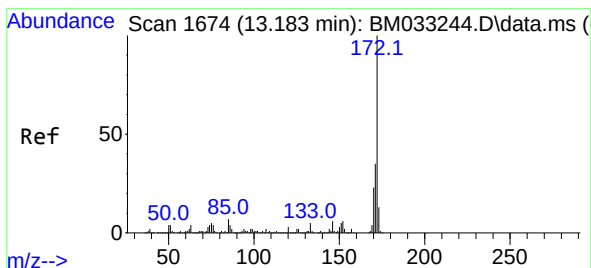
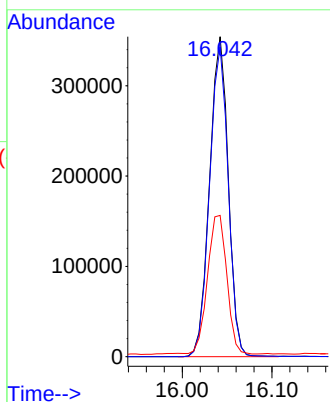
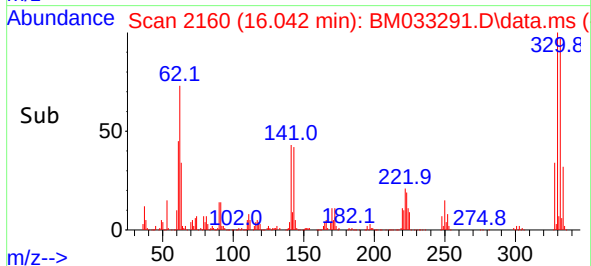
Instrument :
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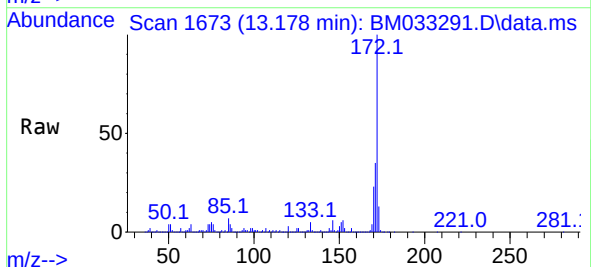
Tgt Ion:330 Resp: 512440
Ion Ratio Lower Upper
330 100
332 96.9 75.7 113.5
141 45.4 50.7 76.1

Manual Integrations
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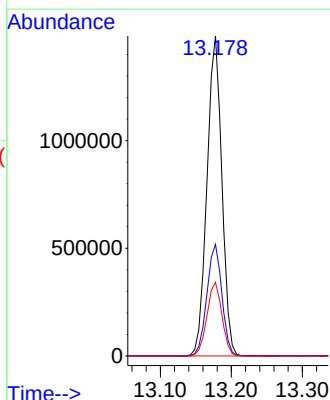
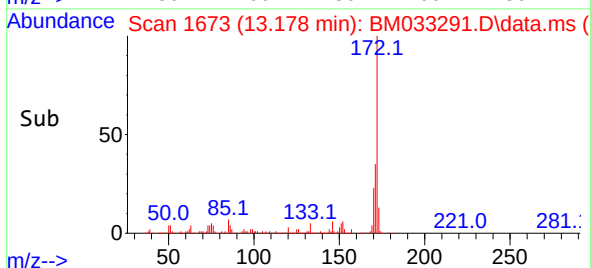
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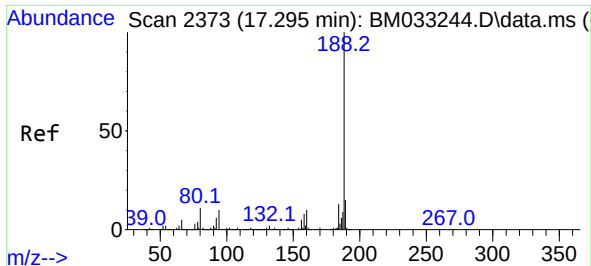


#45
2-Fluorobiphenyl
Concen: 85.298 ng
RT: 13.178 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01



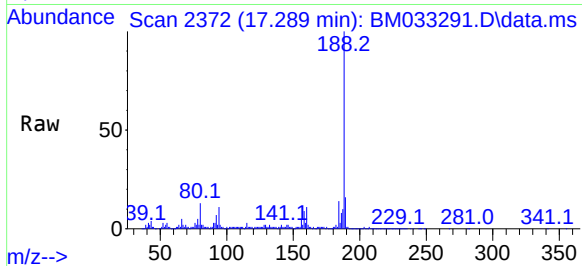
Tgt Ion:172 Resp: 2166232
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.0 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01

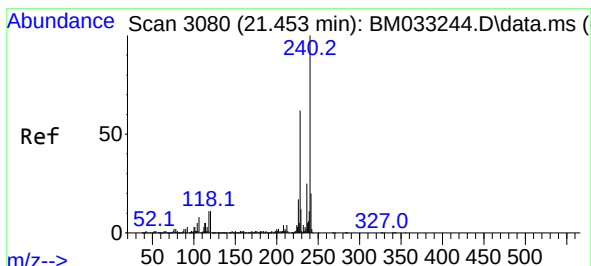
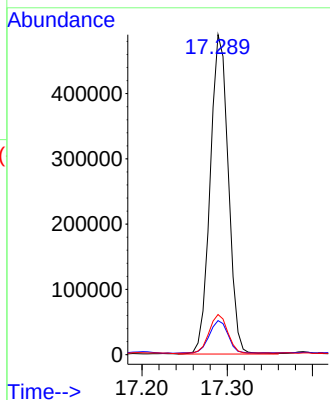
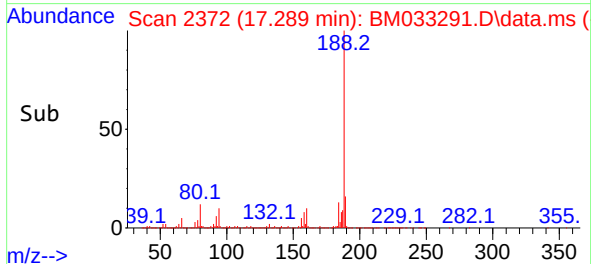
Instrument :
BNA_M
ClientSampleId :
MW-27



Tgt Ion:188 Resp: 72433
Ion Ratio Lower Upper
188 100
94 10.6 6.3 9.5
80 12.5 7.3 10.9

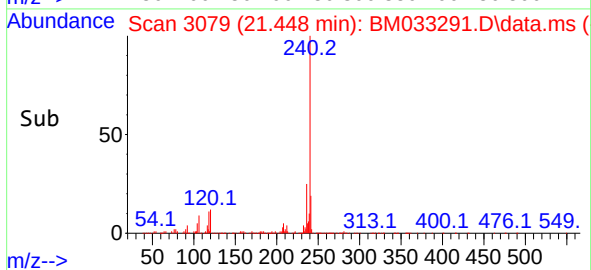
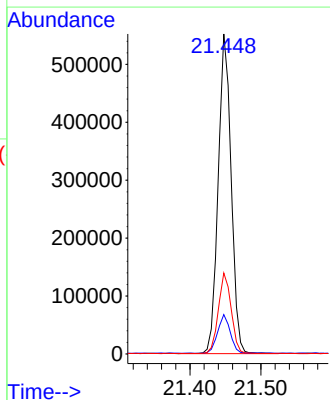
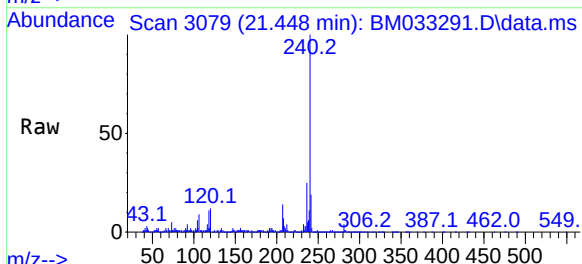
Manual Integrations
APPROVED

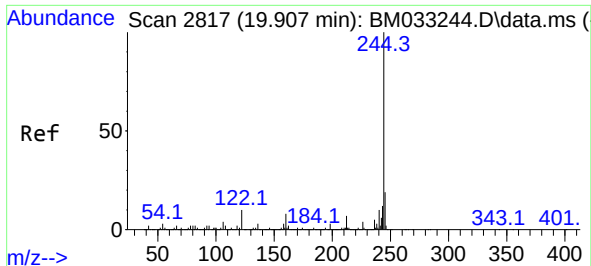
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3079
Delta R.T. -0.006 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01

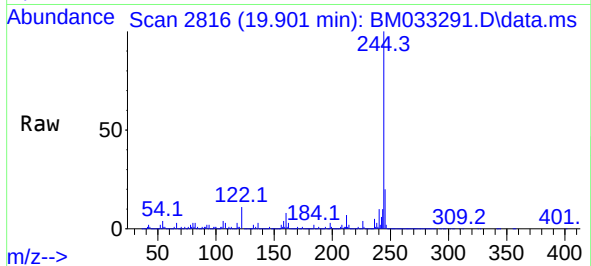
Tgt Ion:240 Resp: 694224
Ion Ratio Lower Upper
240 100
120 12.3 7.8 11.6
236 25.3 20.9 31.3





#79
Terphenyl-d14
Concen: 84.053 ng
RT: 19.901 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01

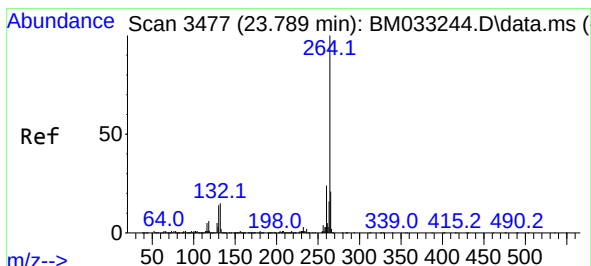
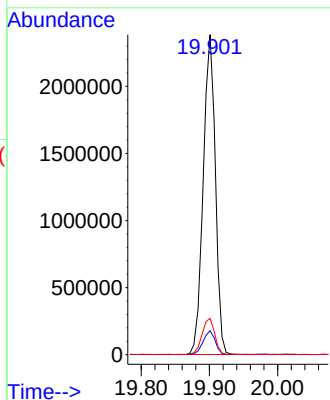
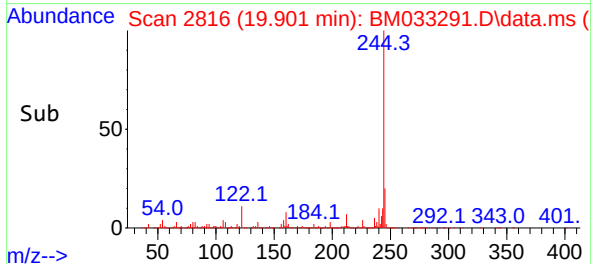
Instrument :
BNA_M
ClientSampleId :
MW-27



Tgt Ion:244 Resp: 295095
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.783 min Scan# 3476
Delta R.T. -0.006 min
Lab File: BM033291.D
Acq: 03 Dec 2021 18:01

Tgt Ion:264 Resp: 693737
Ion Ratio Lower Upper
264 100
260 23.5 19.3 28.9
265 22.5 18.3 27.5

